# Instream Flow-Habitat Relationships in the Upper Rio Grande River Basin

Prepared for:

Senate Bill 3 Upper Rio Grande Basin and Bay Expert Science Team

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## Texas Water Development Board Contract Report Number 1248311376

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#### 1 Introduction

Trungale Engineering & Science (TES) is pleased to present this report in support of the efforts of the Upper Rio Grande Basin and Bay Expert Science Team (URGBBEST) in the development of Instream Flow-Habitat relationships supporting flow regime recommendations. This report documents analysis performed to develop predictive relationships that describe the instream available habitat over a range of flows. These relationships can be used to inform the flows that may be recommended by the BBEST as part of their charge under Senate Bill 3. The approach taken in this study employs a well-established methodology whereby site specific physical habitat data is collected at river cross sections and used to produce a one-dimensional physical habitat model. Species specific habitat suitability criteria were applied to the results of the physical habitat model to estimate the weighted usable area (WUA) for each species over a range of flows at all cross sections. Although the main body of this report focuses on a single cross section, this to done to provide an example which is used to explain the overall study appraoch. Appendix C at the end of the main report provides extensive results for all of the study sites, habitat types and individual cross sections.

# 2 Study Sites

Relationships between flow and instream habitat for focal species have been developed at 3 sites near U.S. Geological Survey (USGS) and International Boundary Water Commission (IBWC) gages for which the URGBBEST is developing recommended flow regimes. Table 2-1 identifies study site locations and associated gages.

Table 2-1 Study sites.

| Agency            | Number   | Name                            | Latitude | Longitude | Study site location   |
|-------------------|----------|---------------------------------|----------|-----------|---|
| USGS              | 08447020 | Independence Ck nr<br>Sheffield | 30.45    | -101.73   | TNC preserve near hunting blind #14                         |
| IBWC              | 08449000 | Devils Rv nr Juno               | 29.96    | -101.15   | TPWD SNA and TNC Preserve U/S of Dolan creek confluence     |
| IBWC <sup>1</sup> | 08447300 | Pecos River nr<br>Pandale       | 30.31    | -101.74   | approximately 5 to 6 miles upstream of the Pandale crossing |

<sup>&</sup>lt;sup>1</sup>The URGBBEST has been considering developing recommendations for this IBWC gage, however the gage at Brotherton Ranch, maintained by the USGS, is closer to the data collection site and therefore the rating curve for this USGS gages was use for the hydraulic models.

These sites are shown in Figure 2-1

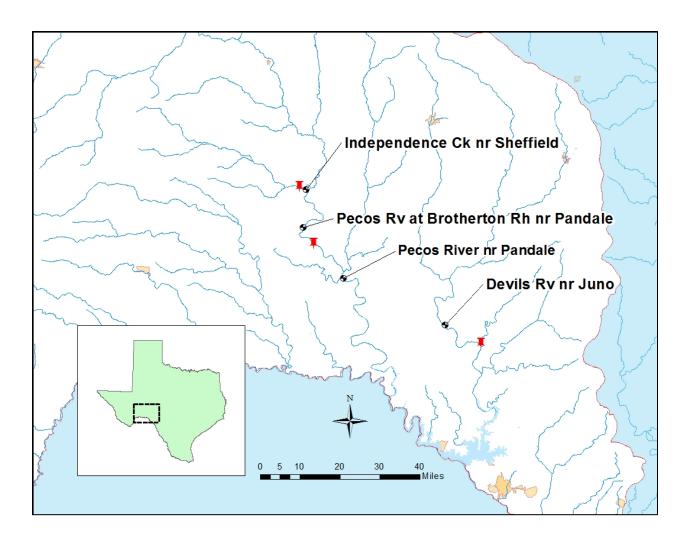


Figure 2-1 Map of study sites.

At each study site, 7 to 9 cross sections including replicates of riffles, runs and pools were identified. Figure 2-2 through Figure 2-4 show the layout of the cross sections at each study site. These figures represent the approximate locations of the cross sections determined based on a combination of GPS measurements and review of aerial photography.

At each cross section photographs were taken across the channel from the right and left banks and from the upstream and downstream ends of the mesohabitat feature towards the cross sections. These photos were georeferenced by TPWD and are included as part of the project deliverable on the URGBBEST ftp site in a Google Earth project file.

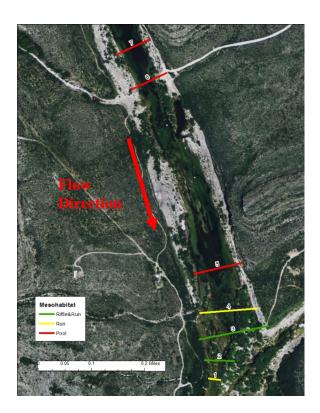


Figure 2-2 Devils River Cross Sections.

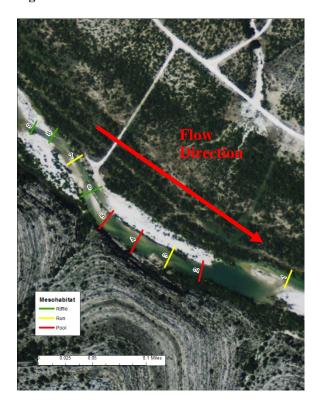


Figure 2-4 Pecos River Cross Sections.

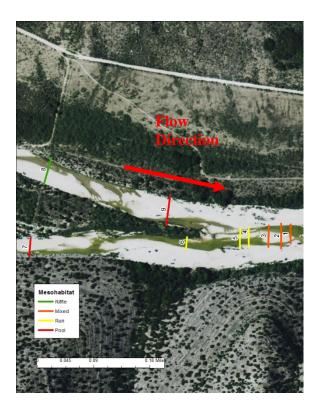


Figure 2-3 Independence Creek Cross Sections.

#### 3 Cross-Section Data Collection

Physical habitat data, collected at each of the study sites at 7 to 9 cross sections, included water surface elevations (WSE), channel bathymetry, velocity and dominate substrate type. It is important to point out that these measurements were made during low flow conditions and in some cases a significant portion of the base flow channel was dry. Recognizing the possibility that subsequent data may be desired as part of future adaptive management studies, benchmark monuments were established at each site using survey grade GPS. Headpins (river left facing downstream) and tailpins (river right facing downstream) were placed at each cross section by hammering rebar pins into the ground away from the channel and above base flow levels where possible. The elevations of these pins were tied to the benchmark via level surveying.

Within each study site, the cross-sections were established to describe physical and hydraulic conditions of individual mesohabitat types generally including at least three replicates for each mesohabitat type of interest (e.g., riffle, run and pool). The upper and lower boundaries of mesohabitat types were identified and the total stream length distances measured or determined based on review of aerial photographs. The water surface elevation at the top and bottom of each mesohabitat unit was also measured in order to calculate the slope of each mesohabitat feature. Figure 3-1 provides a generalized schematic of cross sections located within a study site.

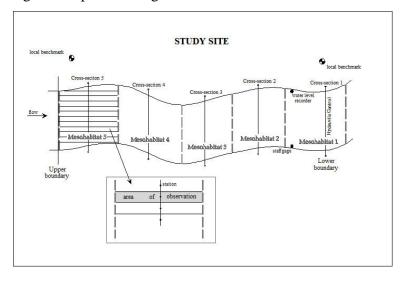


Figure 3-1 Generalized study site map.

Taglines were placed across the river, perpendicular to the channel, with zero located at the headpin. Measurements were taken at horizontal stations at breaks in topography (minimum of 20 stations in water) that, primarily, describe the streambed profile of the channel. The streambed profile was surveyed at each station from headpin to tailpin, with the horizontal distance of the right and left edge of water designated. Water surface elevations were surveyed at the right and left edge of water. A critical data point on the streambed profile is the deepest point on the cross-section, which is input as the stage of zero flow in the hydraulic models. Current velocity and depth were measured at each station within the wetted channel. Current velocity was measured at appropriate depths according to USGS protocol. At each station, primary substrate types were characterized according to a modified Wentworth substrate scale (Table 3-1). The presence of aquatic vegetation was also noted.

Table 3-1 Modified Wentworth substrate scale.

| Code | Classification | Size (mm)       |
|------|----------------|-----------------|
| 2    | Clay/Silt      | 0 - 0.062       |
| 3    | Sand           | 0.062 - 2       |
| 4    | Gravel         | 2 - 32          |
| 6    | Cobble/Rubble  | 32 - 256        |
| 7    | Boulder        | > 256           |
| 8    | Bedrock        | Solid substrate |

All field data including pdf scans of field book notes and TWDB's GPS readings for benchmarks and pins are included as part of the project deliverable on the URGBBEST ftp site.

# 4 Hydraulic Modeling

Hydraulic models were developed to predict depths and velocities at each station across cross sections. The depths were calculated by subtracting measured channel bathymetry elevations from predicted water surface elevation (WSE) at each flow. Discharge measurements were made following USGS methods for each data set collected. Ideally stage - discharge datasets would have been collected at three flow levels that encompass the full range of base flows and from this a site specific rating curve could have been developed to predict WSE over the range of flows. The limited time frame for this project did not allow for this. Rating curves (Figure 4-1) were obtained from the USGS web site 1 for the Independence Creek and Pecos River Sites and from the IBWC via email for the Devils River site. It is worth noting that these relationships are used to evaluated base flow conditions which for these sites are generally less than about 200 cfs. Since WSE varies with flow someone differently from site to site, curves three rating curves predict elevations that may differ up to two tenths of a foot across the range of base flow. The tools developed as part of this project were used to perform sensitivity analysis to evaluate how change in the shape of this regression curve affects final habitat results (Appendix A). These regressions could be updated with additional measurements collected as part of a future adaptive management program.

At the Independence Creek site several of the cross sections traversed split channels and the water surface elevation in these split channels differed by 1-2 feet in some cases. For these situations the rating curve was used to predict water surface elevation in the main channel and an adjustment was applied to model water surface elevation in the side channel such that observed conditions were replicated and at higher flows, when the channels connect, they are at the same elevation.

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<sup>&</sup>lt;sup>1</sup> http://waterwatch.usgs.gov

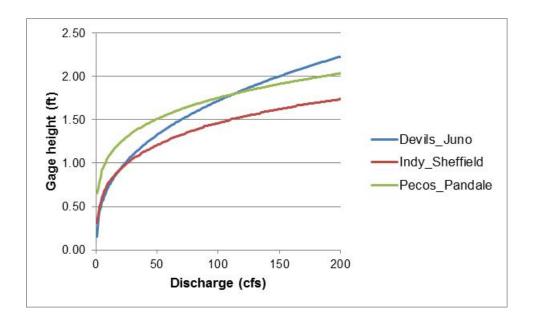


Figure 4-1 Rating curves for study sites in the upper Rio Grande basin.

While the lack of additional data points for these curves does introduce grater uncertainty, the data used to develop these curves is from nearby sites and presumably those locations share similar channel slopes, banks and substrates such that the transfer is reasonable.

Velocities were predicted by applying the Manning equation to calculate a velocity distribution parameter (N) based on the measured data. In the first step of the calibration this N value was applied to each station to simulate velocities across a range of flows (The models simulated flows from 1 to 500 cfs although base flows less than 200-300 cfs are the primary focus of this study.) The application of these "fixed" N values at high flow can result in very high N values in cells where observed depth is high and velocity is low and very low N values where observed depth is low and velocity is high. Simulations at higher flows can produce velocity estimates, in those cells with high N values, to remain near zero (contrary to expectation that the velocities would likely increase in these areas at higher flow rates). Similarly this model calibration can predict very high velocities in the cells in which a very low N value was calculated and thus predict velocity spikes of 7-10 ft/s which are probably unrealistic. To address this issue a traditional PHABSIM model uses a velocity-depth correction where the effect of roughness decreases as depth increases. A similar approach was implemented to calibrate the models in this study. The final calibrated models assume that at some high flow rate, the roughness effect becomes insignificant and velocity is simply a function of depth (described by Manning equation assuming an N value of 1). For simulations below and up to the observed flow, the N values calculated based on observed velocity (up to a maximum value of 1) are used. For simulations of flows between observed flow and 850 cfs, N value is interpolated between the N calculated at the observed flow and the values of 1 at 850 cfs. A review of simulations at all of these cross sections based on this calibration approach reproduced the observed velocities and produced what appear to be reasonable velocity distributions at higher flows (velocities increased in deeper areas as flows came up and there are no velocity spikes above about 3-4 ft/s).

Figure 4-2 shows WSE and velocity results from the hydraulic model for cross section 1 at the Devils River site.

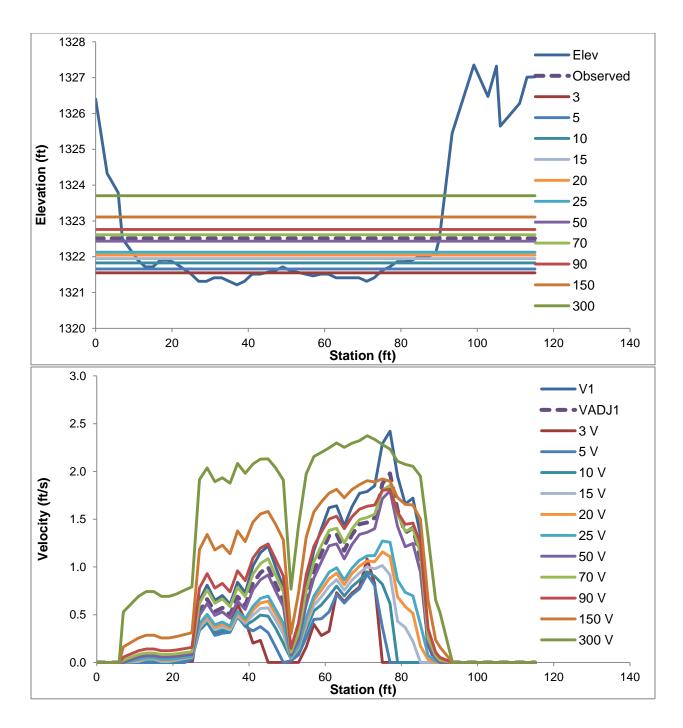


Figure 4-2 Water surface elevations (above) and velocities (below) predicted by hydraulic model for cross section 1 (run) at the Devils River.

# 5 Habitat Suitability Criteria

Habitat suitability criteria were developed for a total of 13 focal species. Site specific criteria were initially developed for 10 species at each site by applying a non-parametric tolerance limit model to data collected primarily at the individual sites (Bovee 1986). Subsequently the BBEST in consultation with TPWD developed regional criteria for each species. These regional criteria were based on all data from the Devils, Independence and Pecos sites and include modifications

based on professional experience. Models were run using both site specific and regional criteria for each site although only the results from the regional criteria are included in this report. Table 5-1 listed the species considered for each set of criteria.

Table 5-1 Species for which habitat suitability criteria were developed for use in the physical habitat model.

|  |                               | Abbreviated   | Devils | Indy  | Pecos | URG      |
|--|-------------------------------|---------------|--------|-------|-------|----------|
| Scientific Name                          | Common Name                   | (for figures) | River  | Creek | River | Regional |
| Etheostoma grahami                       | Rio Grande darter             | E. gra.       | X      | X     | X     | X        |
| Cyprinella proserpina                    | proserpine shiner             | C. pro.       | X      | X     | X     | X        |
| Dionda argentosa                         | manantial roundnose<br>minnow | D. arg.       | X      | X     | X     | X        |
| Dionda diaboli                           | Devils River minnow           | D. dia.       | X      |       |       | X        |
| Notropis braytoni                        | Tamaulipas shiner             | N. bra.       |        |       | X     | X        |
| Notropis amabilis                        | Texas shiner                  | N. ama.       | X      | X     | X     | X        |
| Ictalurus lupus                          | headwater catfish             | I. lup.       |        | X     |       | X        |
| Astyanax mexicanus                       | Mexican tetra                 | A. mex.       | X      | X     | X     | X        |
| Notropis stramineus                      | sand shiner                   | N. str.       | X      |       |       | X        |
| Moxostoma congestum <sup>1</sup>         | gray redhorse                 | M. con.       |        | X     | X     | X        |
| Lepomis megalotis                        | longear sunfish               | L. meg.       | X      | X     | X     | X        |
| Micropterus salmoides <sup>2</sup>       | largemouth bass               | M. sal.       | X      | X     | X     | X        |
| Cichlasoma<br>cyanoguttatum <sup>3</sup> | Rio Grande cichlid            | C. cya.       | X      | X     | X     | X        |

<sup>&</sup>lt;sup>1</sup>Independence Creek, Pecos River criteria include data from Blanco and Pecos Rivers and Independence Creek. URG Regional criteria also include data from the Blanco River

Habitat suitability criteria describe suitability of hydrologic habitat parameters for specific species including depth, velocity and substrate. Figure 5-1 presents an example of these criteria. The x-axis is the habitat parameter, velocity depth or substrate (substrate codes correspond to values in Table 3-1) and the y-axis is the corresponding suitability index where 1 is most suitable and zero is unsuitable.

<sup>&</sup>lt;sup>2</sup>Independence Creek criteria include data from Pecos River. Pecos River criteria include data from the Devils River.

<sup>&</sup>lt;sup>3</sup>Pecos River criteria include data from the Devils River.

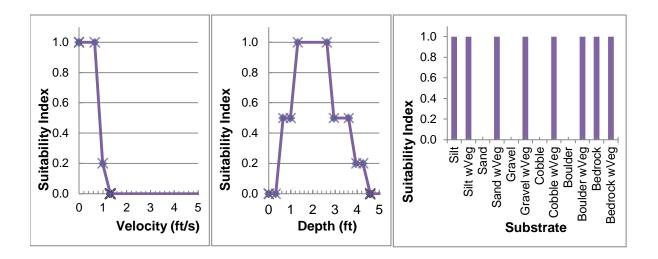


Figure 5-1 Habitat suitability criteria for the Devils River minnow (Dionda diaboli).

Habitat suitability criteria for all 13 species are included in Appendix B.

# 6 Physical Habitat Model

The calibrated hydraulic simulation models at each site were integrated with the habitat suitability criteria to generate available habitat as a function of discharge for each focal species. Physical habitat is reported as weighted usable area (WUA) and is derived by the combined suitability for depth, velocity and substrate based on the habitat suitability functions for each species times the area of the cell. The default combined suitability computation was based on the geometric mean of the component depth, velocity, and substrate suitability. Habitat results (WUA versus discharge) are provided for each species at each cross section, combined mesohabitat types, and for the reach level results that incorporate all mesohabitat types. These WUA curves include the full range of base flows (models include simulations from 1 - 500 cfs) and show the response of available habitat to different flow rates for each species. An Excel spreadsheet tool was developed for these analyses and permits detailed examination of each species, cross section, mesohabitats, and reach level results in terms of depth, velocity and substrate suitability, and combined suitability. In addition to the total quantity of available habitat (WUA) relationships, the analysis tool permits the evaluation of habitat quality by constraining the computed habitat area based on exceeding a user defined suitability threshold value.

# 6.1 Mesohabitat Scale Analysis (Cross Section Weighted Usable Area)

An example of the WUA (total quantity) versus discharge relationships for focal species at cross section 1 at the Devils River study site is illustrated in Figure 6-1. In this figure, the available habitat for Devils River Minnow (*D. dia.*) starts low, increases with flow to about 50 cfs, and gradually declines above about 70 cfs. The highest quantity of habitat for this species is produced by flows that result in depths between 1.3 and 2.6 feet and velocities less than 1 foot per second based on the habitat suitability criteria (Figure 5-1 above). This species is associated with vegetation over any substrate type and also with silt and bedrock substrate. This particular cross section is vegetated across most of the channel width. The vertical bars in Figure 6-1

represent the range of preliminary subsistence and base flow values produced by the HEFR<sup>2</sup> program.

The analysis conducted in this project produces outputs that allow for a direct evaluation of the WUA produced at user defined flow rates by examining where the vertical bars, representing the HEFR flows, intersect the habitat results. The run/riffle associated species displayed in this figure show that the range of base flows produce greater than 90 percent of the maximum WUA. For these five species at this particular cross section, 90 percent of the maximum habitat is produced by flow rates between 50 and 90 cfs. One species, Devils River Minnow, peaks below the base low value (56 cfs) at a flow of 50 cfs. The Rio Grande Darter, Proserpine Shiner and Roundnose minnow all peak near the base high flow value (86 cfs) and have maximum habitat areas up to about 150 cfs.

-

<sup>&</sup>lt;sup>2</sup> HEFR stands for Hydrology-Based Environmental Flow Regime. It is a methodology widely used in the Texas Senate Bill 3 Environmental Flow planning process for analyzing historical flow data to develop preliminary environmental flow recommendations. (SAC 2009a)

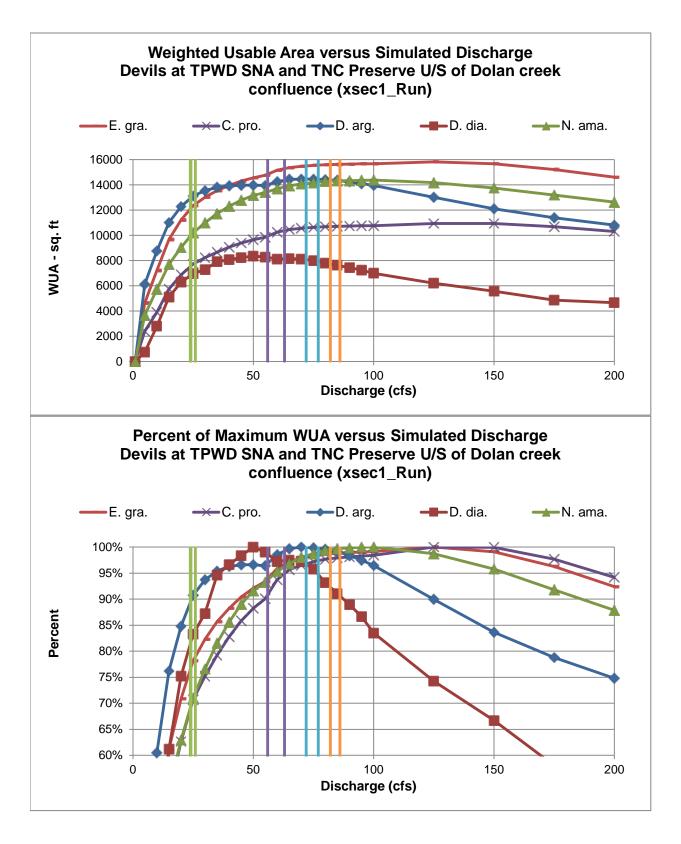


Figure 6-1 Flow versus weighted usable area (top) and percent of maximum WUA (bottom) for cross section 1 (Run) at the Devils River.

This information can also be viewed in tabular formats. Tables 4-7 (Devils River), 8-11 (Independence Creek) and 12-15 (Pecos River) show the percent of maximum habitat for all species summarized based on habitat type (Total, Riffle, Run, and Pool). Cells are colored coded based on the percent of the maximum habitat produced over the entire potential HEFR range (from zero to 200 cfs). Green indicates that the WUA produced at this flow rate is greater than 90 percent of that maximum, blue is greater than 75 percent, red greater than 50 percent and white is less than 50 percent. These thresholds are arbitrary and are solely to aid in display. These thresholds and the maximum range for base flows can be modified in the spreadsheet and the tables will update accordingly. The colored boxes approximate the HEFR base flows. Graphical and tabular results for all cross sections are included in Appendix C.

Table 6-1 Total habitat area - percent of maximum at Devils River.

| Q   | Min All | E. gra. | C. pro. | D. arg. | D. dia. | N. ama. | A. mex. | N. str. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 58%     | 97%     | 95%     | 97%     | 85%     | 91%     | 71%     | 58%     | 96%     | 70%     | 80%     |
| 5   | 69%     | 94%     | 97%     | 96%     | 90%     | 95%     | 81%     | 69%     | 97%     | 76%     | 84%     |
| 10  | 72%     | 95%     | 98%     | 98%     | 94%     | 97%     | 84%     | 72%     | 97%     | 79%     | 87%     |
| 15  | 78%     | 97%     | 98%     | 99%     | 96%     | 97%     | 90%     | 78%     | 98%     | 81%     | 89%     |
| 20  | 81%     | 98%     | 98%     | 99%     | 97%     | 97%     | 91%     | 81%     | 99%     | 83%     | 90%     |
| 25  | 83%     | 99%     | 97%     | 100%    | 98%     | 98%     | 89%     | 83%     | 99%     | 85%     | 92%     |
| 30  | 85%     | 100%    | 96%     | 98%     | 98%     | 98%     | 88%     | 85%     | 100%    | 86%     | 93%     |
| 35  | 87%     | 100%    | 97%     | 99%     | 99%     | 100%    | 87%     | 88%     | 100%    | 87%     | 94%     |
| 40  | 86%     | 99%     | 97%     | 98%     | 99%     | 100%    | 86%     | 88%     | 99%     | 88%     | 94%     |
| 45  | 85%     | 99%     | 97%     | 97%     | 99%     | 100%    | 85%     | 88%     | 99%     | 88%     | 94%     |
| 50  | 84%     | 98%     | 96%     | 96%     | 99%     | 100%    | 84%     | 89%     | 99%     | 89%     | 94%     |
| 55  | 85%     | 97%     | 95%     | 95%     | 99%     | 99%     | 85%     | 91%     | 99%     | 90%     | 94%     |
| 60  | 90%     | 98%     | 97%     | 96%     | 99%     | 100%    | 90%     | 95%     | 98%     | 91%     | 96%     |
| 65  | 92%     | 98%     | 97%     | 95%     | 99%     | 99%     | 92%     | 97%     | 99%     | 92%     | 97%     |
| 70  | 93%     | 97%     | 97%     | 94%     | 100%    | 99%     | 94%     | 98%     | 99%     | 93%     | 97%     |
| 75  | 93%     | 97%     | 98%     | 93%     | 100%    | 98%     | 97%     | 99%     | 99%     | 93%     | 98%     |
| 80  | 92%     | 97%     | 98%     | 92%     | 100%    | 97%     | 98%     | 100%    | 99%     | 94%     | 98%     |
| 85  | 91%     | 96%     | 99%     | 91%     | 100%    | 97%     | 100%    | 100%    | 98%     | 94%     | 99%     |
| 90  | 89%     | 96%     | 98%     | 89%     | 99%     | 96%     | 100%    | 100%    | 98%     | 94%     | 99%     |
| 95  | 86%     | 95%     | 97%     | 86%     | 99%     | 95%     | 100%    | 99%     | 98%     | 95%     | 99%     |
| 100 | 85%     | 93%     | 97%     | 85%     | 99%     | 95%     | 100%    | 97%     | 96%     | 95%     | 99%     |
| 125 | 81%     | 89%     | 97%     | 81%     | 99%     | 92%     | 100%    | 93%     | 92%     | 98%     | 99%     |
| 150 | 78%     | 84%     | 99%     | 78%     | 98%     | 90%     | 99%     | 92%     | 87%     | 99%     | 100%    |
| 175 | 75%     | 79%     | 100%    | 75%     | 95%     | 86%     | 94%     | 87%     | 82%     | 100%    | 100%    |
| 200 | 72%     | 76%     | 101%    | 72%     | 92%     | 83%     | 89%     | 85%     | 80%     | 101%    | 100%    |
| 250 | 67%     | 71%     | 103%    | 67%     | 86%     | 76%     | 88%     | 87%     | 77%     | 102%    | 100%    |
| 300 | 63%     | 68%     | 101%    | 63%     | 82%     | 73%     | 88%     | 88%     | 73%     | 102%    | 99%     |
| 350 | 61%     | 64%     | 100%    | 61%     | 77%     | 69%     | 87%     | 90%     | 69%     | 103%    | 99%     |
| 400 | 58%     | 62%     | 104%    | 58%     | 70%     | 67%     | 89%     | 95%     | 66%     | 103%    | 100%    |
| 500 | 57%     | 60%     | 116%    | 57%     | 63%     | 65%     | 98%     | 111%    | 62%     | 105%    | 101%    |

Table 6-2 Riffle habitat - percent of maximum at Devils River.

| Q   | Min All | E. gra. | C. pro. | D. arg. | D. dia. | N. ama. | A. mex. | N. str. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 3%      | 5%      | 11%     | 6%      | 4%      | 5%      | 13%     | 12%     | 4%      | 3%      | 4%      |
| 5   | 7%      | 17%     | 30%     | 21%     | 10%     | 15%     | 38%     | 33%     | 14%     | 7%      | 16%     |
| 10  | 13%     | 26%     | 41%     | 31%     | 18%     | 22%     | 50%     | 43%     | 20%     | 13%     | 23%     |
| 15  | 17%     | 33%     | 48%     | 40%     | 24%     | 29%     | 55%     | 49%     | 26%     | 17%     | 30%     |
| 20  | 22%     | 41%     | 52%     | 48%     | 30%     | 35%     | 58%     | 53%     | 31%     | 22%     | 36%     |
| 25  | 26%     | 47%     | 54%     | 55%     | 36%     | 41%     | 60%     | 56%     | 37%     | 26%     | 41%     |
| 30  | 32%     | 54%     | 59%     | 62%     | 42%     | 47%     | 64%     | 62%     | 43%     | 32%     | 47%     |
| 35  | 36%     | 60%     | 61%     | 69%     | 46%     | 52%     | 66%     | 64%     | 48%     | 36%     | 53%     |
| 40  | 40%     | 64%     | 62%     | 73%     | 50%     | 56%     | 68%     | 67%     | 52%     | 40%     | 57%     |
| 45  | 44%     | 67%     | 63%     | 75%     | 54%     | 60%     | 68%     | 69%     | 55%     | 44%     | 59%     |
| 50  | 47%     | 70%     | 63%     | 77%     | 57%     | 63%     | 69%     | 71%     | 58%     | 47%     | 62%     |
| 55  | 51%     | 72%     | 64%     | 79%     | 61%     | 65%     | 69%     | 71%     | 60%     | 51%     | 64%     |
| 60  | 55%     | 75%     | 66%     | 82%     | 65%     | 68%     | 71%     | 74%     | 63%     | 55%     | 67%     |
| 65  | 60%     | 78%     | 66%     | 84%     | 71%     | 71%     | 72%     | 74%     | 65%     | 60%     | 69%     |
| 70  | 63%     | 80%     | 68%     | 86%     | 74%     | 74%     | 76%     | 76%     | 69%     | 63%     | 72%     |
| 75  | 66%     | 83%     | 73%     | 89%     | 78%     | 77%     | 84%     | 81%     | 73%     | 66%     | 76%     |
| 80  | 68%     | 85%     | 75%     | 91%     | 80%     | 79%     | 87%     | 84%     | 75%     | 68%     | 78%     |
| 85  | 70%     | 88%     | 78%     | 94%     | 82%     | 82%     | 93%     | 87%     | 79%     | 70%     | 82%     |
| 90  | 72%     | 89%     | 80%     | 95%     | 83%     | 84%     | 95%     | 89%     | 81%     | 72%     | 84%     |
| 95  | 74%     | 90%     | 81%     | 96%     | 85%     | 85%     | 97%     | 90%     | 82%     | 74%     | 85%     |
| 100 | 76%     | 91%     | 83%     | 97%     | 86%     | 87%     | 98%     | 92%     | 84%     | 76%     | 87%     |
| 125 | 87%     | 95%     | 88%     | 98%     | 93%     | 93%     | 100%    | 94%     | 92%     | 87%     | 93%     |
| 150 | 95%     | 98%     | 95%     | 99%     | 98%     | 97%     | 100%    | 97%     | 97%     | 95%     | 97%     |
| 175 | 99%     | 100%    | 100%    | 100%    | 100%    | 100%    | 99%     | 100%    | 100%    | 100%    | 100%    |
| 200 | 99%     | 101%    | 105%    | 101%    | 101%    | 102%    | 99%     | 108%    | 104%    | 104%    | 103%    |
| 250 | 102%    | 104%    | 114%    | 103%    | 102%    | 109%    | 104%    | 123%    | 111%    | 112%    | 108%    |
| 300 | 102%    | 103%    | 120%    | 102%    | 102%    | 111%    | 106%    | 126%    | 113%    | 116%    | 110%    |
| 350 | 99%     | 100%    | 123%    | 99%     | 103%    | 111%    | 102%    | 126%    | 111%    | 119%    | 109%    |
| 400 | 95%     | 97%     | 127%    | 96%     | 102%    | 111%    | 95%     | 125%    | 109%    | 121%    | 108%    |
| 500 | 76%     | 91%     | 130%    | 89%     | 97%     | 110%    | 76%     | 129%    | 104%    | 122%    | 105%    |

Table 6-3 Run habitat - percent of maximum at Devils River.

| Q   | Min All | E. gra. | C. pro. | D. arg. | D. dia. | N. ama. | A. mex. | N. str. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 33%     | 54%     | 42%     | 58%     | 43%     | 44%     | 56%     | 45%     | 43%     | 33%     | 47%     |
| 5   | 51%     | 71%     | 54%     | 76%     | 58%     | 61%     | 67%     | 62%     | 64%     | 51%     | 65%     |
| 10  | 58%     | 79%     | 58%     | 84%     | 65%     | 69%     | 71%     | 66%     | 73%     | 58%     | 74%     |
| 15  | 63%     | 84%     | 63%     | 88%     | 73%     | 74%     | 79%     | 74%     | 77%     | 63%     | 78%     |
| 20  | 66%     | 87%     | 66%     | 90%     | 78%     | 77%     | 82%     | 78%     | 80%     | 67%     | 81%     |
| 25  | 69%     | 89%     | 69%     | 91%     | 83%     | 80%     | 81%     | 80%     | 82%     | 71%     | 83%     |
| 30  | 71%     | 91%     | 71%     | 92%     | 85%     | 81%     | 79%     | 81%     | 83%     | 74%     | 85%     |
| 35  | 75%     | 95%     | 75%     | 95%     | 88%     | 86%     | 81%     | 87%     | 88%     | 78%     | 89%     |
| 40  | 77%     | 96%     | 77%     | 96%     | 89%     | 88%     | 80%     | 89%     | 89%     | 80%     | 91%     |
| 45  | 78%     | 96%     | 78%     | 95%     | 90%     | 89%     | 79%     | 89%     | 91%     | 82%     | 92%     |
| 50  | 79%     | 96%     | 79%     | 95%     | 90%     | 90%     | 79%     | 90%     | 92%     | 83%     | 92%     |
| 55  | 82%     | 98%     | 82%     | 96%     | 90%     | 92%     | 84%     | 95%     | 94%     | 85%     | 94%     |
| 60  | 85%     | 100%    | 85%     | 100%    | 90%     | 94%     | 89%     | 98%     | 97%     | 86%     | 97%     |
| 65  | 85%     | 100%    | 85%     | 100%    | 93%     | 96%     | 91%     | 99%     | 98%     | 88%     | 98%     |
| 70  | 86%     | 100%    | 86%     | 100%    | 95%     | 97%     | 91%     | 100%    | 99%     | 90%     | 98%     |
| 75  | 86%     | 100%    | 86%     | 100%    | 95%     | 97%     | 91%     | 100%    | 100%    | 91%     | 99%     |
| 80  | 86%     | 99%     | 86%     | 99%     | 96%     | 98%     | 91%     | 100%    | 100%    | 91%     | 99%     |
| 85  | 86%     | 99%     | 86%     | 99%     | 97%     | 98%     | 91%     | 98%     | 100%    | 92%     | 99%     |
| 90  | 86%     | 98%     | 86%     | 98%     | 97%     | 98%     | 90%     | 97%     | 100%    | 92%     | 99%     |
| 95  | 86%     | 98%     | 86%     | 97%     | 97%     | 98%     | 91%     | 95%     | 100%    | 92%     | 99%     |
| 100 | 86%     | 98%     | 86%     | 97%     | 98%     | 98%     | 91%     | 93%     | 99%     | 93%     | 99%     |
| 125 | 89%     | 98%     | 92%     | 95%     | 100%    | 99%     | 95%     | 89%     | 99%     | 98%     | 99%     |
| 150 | 88%     | 97%     | 98%     | 93%     | 99%     | 100%    | 100%    | 88%     | 98%     | 99%     | 100%    |
| 175 | 84%     | 95%     | 100%    | 90%     | 98%     | 100%    | 95%     | 84%     | 97%     | 100%    | 100%    |
| 200 | 80%     | 93%     | 102%    | 88%     | 97%     | 99%     | 88%     | 80%     | 94%     | 101%    | 100%    |
| 250 | 80%     | 89%     | 106%    | 84%     | 95%     | 96%     | 83%     | 80%     | 91%     | 103%    | 99%     |
| 300 | 77%     | 85%     | 106%    | 77%     | 93%     | 93%     | 84%     | 88%     | 88%     | 102%    | 97%     |
| 350 | 72%     | 81%     | 104%    | 72%     | 92%     | 89%     | 83%     | 93%     | 85%     | 102%    | 95%     |
| 400 | 68%     | 78%     | 109%    | 68%     | 90%     | 88%     | 94%     | 103%    | 80%     | 103%    | 97%     |
| 500 | 70%     | 78%     | 125%    | 70%     | 81%     | 88%     | 122%    | 124%    | 77%     | 106%    | 103%    |

 Table 6-4 Pool habitat - percent of maximum at Devils River.

 Q
 Min All
 E. gra.
 C. pro.
 D. arg.
 D. dia.
 N. ama.

| Q   | Min All | E. gra. | C. pro. | D. arg. | D. dia. | N. ama. | A. mex. | N. str. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 92%     | 100%    | 100%    | 100%    | 97%     | 100%    | 100%    | 97%     | 100%    | 92%     | 100%    |
| 5   | 89%     | 89%     | 90%     | 90%     | 99%     | 98%     | 90%     | 93%     | 93%     | 96%     | 98%     |
| 10  | 84%     | 85%     | 86%     | 87%     | 100%    | 97%     | 84%     | 89%     | 89%     | 98%     | 98%     |
| 15  | 83%     | 84%     | 83%     | 85%     | 100%    | 94%     | 88%     | 94%     | 88%     | 99%     | 98%     |
| 20  | 80%     | 82%     | 80%     | 81%     | 99%     | 91%     | 84%     | 93%     | 86%     | 99%     | 97%     |
| 25  | 76%     | 81%     | 76%     | 80%     | 98%     | 90%     | 80%     | 94%     | 85%     | 100%    | 98%     |
| 30  | 72%     | 79%     | 72%     | 76%     | 97%     | 88%     | 75%     | 95%     | 83%     | 100%    | 97%     |
| 35  | 70%     | 77%     | 72%     | 74%     | 96%     | 87%     | 70%     | 94%     | 81%     | 100%    | 96%     |
| 40  | 68%     | 74%     | 70%     | 71%     | 95%     | 86%     | 68%     | 93%     | 78%     | 99%     | 95%     |
| 45  | 65%     | 73%     | 69%     | 69%     | 94%     | 85%     | 65%     | 91%     | 77%     | 99%     | 94%     |
| 50  | 64%     | 71%     | 68%     | 67%     | 94%     | 84%     | 64%     | 91%     | 76%     | 99%     | 93%     |
| 55  | 63%     | 69%     | 65%     | 65%     | 93%     | 82%     | 63%     | 91%     | 75%     | 99%     | 93%     |
| 60  | 65%     | 68%     | 66%     | 65%     | 91%     | 81%     | 68%     | 97%     | 73%     | 99%     | 93%     |
| 65  | 63%     | 67%     | 65%     | 63%     | 91%     | 79%     | 69%     | 100%    | 72%     | 99%     | 94%     |
| 70  | 61%     | 66%     | 65%     | 61%     | 90%     | 78%     | 69%     | 100%    | 71%     | 99%     | 93%     |
| 75  | 60%     | 65%     | 65%     | 60%     | 90%     | 76%     | 68%     | 99%     | 70%     | 99%     | 93%     |
| 80  | 57%     | 64%     | 64%     | 57%     | 89%     | 74%     | 67%     | 98%     | 69%     | 99%     | 93%     |
| 85  | 55%     | 63%     | 63%     | 55%     | 88%     | 73%     | 66%     | 97%     | 67%     | 99%     | 93%     |
| 90  | 54%     | 62%     | 61%     | 54%     | 87%     | 71%     | 65%     | 95%     | 67%     | 99%     | 93%     |
| 95  | 49%     | 61%     | 60%     | 49%     | 87%     | 70%     | 63%     | 93%     | 66%     | 99%     | 92%     |
| 100 | 48%     | 59%     | 59%     | 48%     | 86%     | 69%     | 62%     | 90%     | 63%     | 99%     | 92%     |
| 125 | 43%     | 52%     | 55%     | 43%     | 85%     | 64%     | 57%     | 80%     | 57%     | 99%     | 90%     |
| 150 | 39%     | 46%     | 53%     | 39%     | 82%     | 60%     | 54%     | 76%     | 49%     | 99%     | 89%     |
| 175 | 36%     | 40%     | 51%     | 36%     | 78%     | 55%     | 46%     | 66%     | 43%     | 99%     | 89%     |
| 200 | 33%     | 37%     | 51%     | 33%     | 74%     | 50%     | 40%     | 56%     | 41%     | 99%     | 88%     |
| 250 | 28%     | 31%     | 49%     | 28%     | 67%     | 41%     | 38%     | 47%     | 35%     | 99%     | 87%     |
| 300 | 26%     | 28%     | 43%     | 26%     | 62%     | 37%     | 34%     | 43%     | 31%     | 98%     | 86%     |
| 350 | 25%     | 26%     | 41%     | 25%     | 56%     | 34%     | 36%     | 44%     | 27%     | 98%     | 87%     |
| 400 | 23%     | 26%     | 43%     | 23%     | 49%     | 31%     | 42%     | 51%     | 26%     | 98%     | 87%     |
| 500 | 24%     | 24%     | 51%     | 24%     | 42%     | 30%     | 60%     | 72%     | 24%     | 99%     | 89%     |

Table 6-5 Total habitat - percent of maximum at Independence Creek.

| Q   | Min All | E. gra. | C. pro. | D. arg. | N. ama. | I. lup. | A. mex. | M. con. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 8%      | 21%     | 21%     | 28%     | 21%     | 16%     | 29%     | 8%      | 28%     | 13%     | 27%     |
| 5   | 28%     | 39%     | 39%     | 49%     | 38%     | 31%     | 49%     | 28%     | 45%     | 30%     | 45%     |
| 10  | 41%     | 50%     | 50%     | 59%     | 49%     | 41%     | 59%     | 44%     | 55%     | 45%     | 55%     |
| 15  | 48%     | 55%     | 55%     | 64%     | 55%     | 48%     | 64%     | 50%     | 61%     | 52%     | 60%     |
| 20  | 54%     | 60%     | 60%     | 68%     | 60%     | 54%     | 68%     | 56%     | 66%     | 60%     | 64%     |
| 25  | 59%     | 65%     | 65%     | 74%     | 66%     | 59%     | 74%     | 60%     | 73%     | 65%     | 70%     |
| 30  | 63%     | 69%     | 69%     | 77%     | 71%     | 64%     | 77%     | 63%     | 78%     | 70%     | 74%     |
| 35  | 67%     | 72%     | 71%     | 79%     | 73%     | 67%     | 79%     | 67%     | 80%     | 74%     | 76%     |
| 40  | 69%     | 74%     | 73%     | 81%     | 76%     | 69%     | 81%     | 69%     | 83%     | 78%     | 79%     |
| 45  | 71%     | 75%     | 75%     | 82%     | 78%     | 71%     | 82%     | 72%     | 84%     | 81%     | 80%     |
| 50  | 74%     | 78%     | 77%     | 84%     | 80%     | 74%     | 84%     | 74%     | 87%     | 84%     | 82%     |
| 55  | 75%     | 79%     | 78%     | 84%     | 81%     | 75%     | 85%     | 76%     | 88%     | 86%     | 83%     |
| 60  | 77%     | 80%     | 80%     | 85%     | 83%     | 77%     | 85%     | 80%     | 89%     | 90%     | 84%     |
| 65  | 79%     | 82%     | 81%     | 86%     | 84%     | 79%     | 86%     | 83%     | 90%     | 92%     | 85%     |
| 70  | 81%     | 83%     | 82%     | 86%     | 85%     | 81%     | 87%     | 85%     | 90%     | 93%     | 86%     |
| 75  | 82%     | 84%     | 83%     | 87%     | 86%     | 82%     | 87%     | 87%     | 91%     | 95%     | 87%     |
| 80  | 84%     | 85%     | 84%     | 87%     | 86%     | 84%     | 88%     | 89%     | 91%     | 96%     | 87%     |
| 85  | 86%     | 87%     | 86%     | 89%     | 88%     | 86%     | 90%     | 91%     | 92%     | 97%     | 89%     |
| 90  | 88%     | 89%     | 88%     | 91%     | 90%     | 88%     | 91%     | 92%     | 94%     | 99%     | 90%     |
| 95  | 88%     | 89%     | 88%     | 91%     | 91%     | 89%     | 92%     | 93%     | 94%     | 99%     | 91%     |
| 100 | 89%     | 90%     | 89%     | 91%     | 91%     | 90%     | 92%     | 93%     | 93%     | 98%     | 91%     |
| 125 | 94%     | 95%     | 94%     | 96%     | 96%     | 95%     | 96%     | 97%     | 96%     | 99%     | 95%     |
| 150 | 97%     | 97%     | 97%     | 98%     | 98%     | 97%     | 98%     | 99%     | 98%     | 100%    | 97%     |
| 175 | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    |
| 200 | 101%    | 102%    | 102%    | 101%    | 102%    | 103%    | 101%    | 103%    | 101%    | 101%    | 101%    |
| 250 | 101%    | 104%    | 105%    | 102%    | 104%    | 107%    | 102%    | 104%    | 101%    | 101%    | 102%    |
| 300 | 100%    | 106%    | 107%    | 102%    | 105%    | 109%    | 102%    | 109%    | 100%    | 103%    | 102%    |
| 350 | 98%     | 106%    | 108%    | 102%    | 105%    | 112%    | 102%    | 110%    | 98%     | 102%    | 101%    |
| 400 | 97%     | 108%    | 109%    | 103%    | 105%    | 118%    | 103%    | 112%    | 97%     | 100%    | 100%    |
| 500 | 91%     | 109%    | 111%    | 101%    | 104%    | 124%    | 104%    | 112%    | 91%     | 95%     | 98%     |

Table 6-6 Riffle habitat - percent of maximum at Independence Creek.

| Q   | Min All | E. gra. | C. pro. | D. arg. | N. ama. | I. lup. | A. mex. | M. con. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 1%      | 22%     | 22%     | 32%     | 21%     | 15%     | 33%     | 2%      | 23%     | 1%      | 25%     |
| 5   | 28%     | 43%     | 43%     | 53%     | 40%     | 35%     | 55%     | 35%     | 39%     | 28%     | 43%     |
| 10  | 45%     | 54%     | 54%     | 61%     | 51%     | 46%     | 62%     | 50%     | 47%     | 45%     | 52%     |
| 15  | 51%     | 58%     | 59%     | 66%     | 56%     | 51%     | 66%     | 54%     | 54%     | 52%     | 57%     |
| 20  | 57%     | 64%     | 64%     | 72%     | 63%     | 57%     | 73%     | 57%     | 65%     | 61%     | 64%     |
| 25  | 59%     | 69%     | 70%     | 79%     | 70%     | 62%     | 80%     | 59%     | 73%     | 66%     | 71%     |
| 30  | 60%     | 74%     | 74%     | 85%     | 75%     | 66%     | 86%     | 60%     | 80%     | 70%     | 77%     |
| 35  | 64%     | 76%     | 76%     | 86%     | 78%     | 69%     | 88%     | 64%     | 83%     | 75%     | 80%     |
| 40  | 67%     | 78%     | 78%     | 88%     | 80%     | 71%     | 89%     | 67%     | 86%     | 78%     | 82%     |
| 45  | 69%     | 79%     | 80%     | 89%     | 82%     | 73%     | 91%     | 69%     | 87%     | 80%     | 83%     |
| 50  | 72%     | 81%     | 81%     | 90%     | 83%     | 74%     | 92%     | 72%     | 89%     | 82%     | 85%     |
| 55  | 74%     | 82%     | 82%     | 91%     | 84%     | 75%     | 92%     | 74%     | 90%     | 83%     | 85%     |
| 60  | 77%     | 83%     | 83%     | 92%     | 85%     | 77%     | 93%     | 79%     | 90%     | 86%     | 86%     |
| 65  | 79%     | 84%     | 85%     | 92%     | 86%     | 79%     | 94%     | 85%     | 91%     | 90%     | 86%     |
| 70  | 81%     | 85%     | 86%     | 93%     | 87%     | 81%     | 94%     | 88%     | 91%     | 92%     | 87%     |
| 75  | 83%     | 86%     | 87%     | 93%     | 88%     | 83%     | 95%     | 91%     | 92%     | 94%     | 88%     |
| 80  | 85%     | 87%     | 88%     | 93%     | 88%     | 85%     | 95%     | 92%     | 92%     | 94%     | 88%     |
| 85  | 88%     | 90%     | 91%     | 96%     | 91%     | 88%     | 98%     | 95%     | 94%     | 96%     | 91%     |
| 90  | 90%     | 92%     | 92%     | 97%     | 92%     | 90%     | 99%     | 97%     | 96%     | 97%     | 92%     |
| 95  | 91%     | 92%     | 93%     | 97%     | 93%     | 91%     | 99%     | 98%     | 96%     | 97%     | 92%     |
| 100 | 92%     | 93%     | 93%     | 97%     | 93%     | 92%     | 100%    | 98%     | 96%     | 97%     | 93%     |
| 125 | 94%     | 95%     | 95%     | 97%     | 95%     | 96%     | 99%     | 100%    | 95%     | 98%     | 94%     |
| 150 | 97%     | 98%     | 98%     | 99%     | 98%     | 99%     | 100%    | 100%    | 98%     | 98%     | 97%     |
| 175 | 99%     | 100%    | 100%    | 100%    | 100%    | 100%    | 99%     | 100%    | 100%    | 100%    | 100%    |
| 200 | 98%     | 101%    | 102%    | 100%    | 101%    | 102%    | 98%     | 101%    | 101%    | 101%    | 102%    |
| 250 | 97%     | 104%    | 105%    | 100%    | 103%    | 103%    | 97%     | 100%    | 102%    | 101%    | 103%    |
| 300 | 97%     | 104%    | 107%    | 100%    | 104%    | 105%    | 97%     | 111%    | 103%    | 109%    | 103%    |
| 350 | 96%     | 105%    | 107%    | 100%    | 102%    | 110%    | 96%     | 115%    | 102%    | 110%    | 100%    |
| 400 | 96%     | 104%    | 107%    | 99%     | 101%    | 114%    | 96%     | 118%    | 99%     | 108%    | 98%     |
| 500 | 89%     | 105%    | 106%    | 95%     | 100%    | 117%    | 95%     | 118%    | 89%     | 106%    | 97%     |

Table 6-7 Run habitat - percent of maximum at Independence Creek.

| Q   | Min All | E. gra. | C. pro. | D. arg. | N. ama. | I. lup. | A. mex. | M. con. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 9%      | 15%     | 14%     | 17%     | 14%     | 13%     | 20%     | 9%      | 24%     | 21%     | 23%     |
| 5   | 21%     | 31%     | 30%     | 36%     | 29%     | 25%     | 38%     | 21%     | 40%     | 30%     | 39%     |
| 10  | 34%     | 40%     | 40%     | 45%     | 38%     | 34%     | 46%     | 37%     | 46%     | 43%     | 46%     |
| 15  | 40%     | 45%     | 45%     | 48%     | 43%     | 40%     | 49%     | 43%     | 50%     | 50%     | 50%     |
| 20  | 44%     | 49%     | 48%     | 51%     | 47%     | 44%     | 52%     | 49%     | 54%     | 56%     | 53%     |
| 25  | 48%     | 54%     | 53%     | 56%     | 52%     | 48%     | 56%     | 53%     | 59%     | 62%     | 58%     |
| 30  | 52%     | 57%     | 56%     | 59%     | 56%     | 52%     | 60%     | 56%     | 64%     | 67%     | 62%     |
| 35  | 54%     | 59%     | 58%     | 61%     | 59%     | 54%     | 62%     | 59%     | 67%     | 71%     | 65%     |
| 40  | 56%     | 61%     | 61%     | 63%     | 62%     | 56%     | 64%     | 61%     | 70%     | 75%     | 68%     |
| 45  | 58%     | 63%     | 62%     | 64%     | 64%     | 58%     | 65%     | 63%     | 72%     | 77%     | 69%     |
| 50  | 60%     | 66%     | 65%     | 68%     | 68%     | 60%     | 69%     | 64%     | 76%     | 80%     | 72%     |
| 55  | 62%     | 67%     | 67%     | 69%     | 70%     | 62%     | 70%     | 65%     | 77%     | 81%     | 74%     |
| 60  | 64%     | 69%     | 68%     | 70%     | 71%     | 64%     | 71%     | 69%     | 79%     | 85%     | 75%     |
| 65  | 66%     | 70%     | 70%     | 72%     | 73%     | 66%     | 73%     | 71%     | 81%     | 87%     | 77%     |
| 70  | 67%     | 71%     | 71%     | 73%     | 74%     | 67%     | 74%     | 73%     | 82%     | 88%     | 78%     |
| 75  | 69%     | 73%     | 73%     | 74%     | 76%     | 69%     | 75%     | 75%     | 83%     | 90%     | 79%     |
| 80  | 71%     | 74%     | 74%     | 75%     | 77%     | 71%     | 76%     | 77%     | 83%     | 91%     | 80%     |
| 85  | 73%     | 76%     | 76%     | 77%     | 79%     | 73%     | 78%     | 79%     | 85%     | 92%     | 81%     |
| 90  | 76%     | 79%     | 79%     | 81%     | 82%     | 76%     | 82%     | 81%     | 88%     | 94%     | 84%     |
| 95  | 78%     | 80%     | 80%     | 81%     | 82%     | 78%     | 83%     | 82%     | 88%     | 94%     | 85%     |
| 100 | 79%     | 81%     | 80%     | 82%     | 83%     | 79%     | 83%     | 83%     | 88%     | 94%     | 85%     |
| 125 | 88%     | 90%     | 90%     | 92%     | 91%     | 88%     | 92%     | 91%     | 95%     | 97%     | 93%     |
| 150 | 94%     | 95%     | 95%     | 96%     | 96%     | 94%     | 96%     | 97%     | 97%     | 99%     | 96%     |
| 175 | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    | 100%    |
| 200 | 102%    | 104%    | 104%    | 102%    | 104%    | 104%    | 102%    | 105%    | 102%    | 104%    | 103%    |
| 250 | 107%    | 111%    | 112%    | 107%    | 111%    | 111%    | 107%    | 112%    | 107%    | 108%    | 107%    |
| 300 | 107%    | 115%    | 116%    | 108%    | 114%    | 117%    | 107%    | 120%    | 109%    | 115%    | 108%    |
| 350 | 107%    | 117%    | 118%    | 108%    | 116%    | 124%    | 107%    | 124%    | 108%    | 117%    | 108%    |
| 400 | 105%    | 119%    | 118%    | 108%    | 117%    | 132%    | 106%    | 128%    | 105%    | 116%    | 107%    |
| 500 | 99%     | 121%    | 121%    | 106%    | 118%    | 146%    | 106%    | 131%    | 99%     | 113%    | 103%    |

Table 6-8 Pool habitat - percent of maximum at Independence Creek.

| Q   | Min All | E. gra. | C. pro. | D. arg. | N. ama. | I. lup. | A. mex. | M. con. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 9%      | 31%     | 31%     | 44%     | 32%     | 19%     | 41%     | 11%     | 37%     | 9%      | 37%     |
| 5   | 29%     | 49%     | 49%     | 65%     | 52%     | 34%     | 62%     | 32%     | 59%     | 29%     | 59%     |
| 10  | 46%     | 61%     | 62%     | 78%     | 66%     | 46%     | 76%     | 47%     | 75%     | 46%     | 73%     |
| 15  | 53%     | 68%     | 69%     | 85%     | 74%     | 56%     | 83%     | 53%     | 82%     | 53%     | 79%     |
| 20  | 61%     | 74%     | 75%     | 90%     | 81%     | 64%     | 89%     | 61%     | 87%     | 61%     | 84%     |
| 25  | 66%     | 80%     | 81%     | 96%     | 86%     | 71%     | 94%     | 67%     | 92%     | 66%     | 90%     |
| 30  | 71%     | 84%     | 85%     | 99%     | 91%     | 76%     | 98%     | 72%     | 95%     | 71%     | 93%     |
| 35  | 74%     | 86%     | 88%     | 99%     | 93%     | 80%     | 99%     | 76%     | 96%     | 74%     | 94%     |
| 40  | 77%     | 89%     | 90%     | 100%    | 94%     | 84%     | 100%    | 79%     | 97%     | 77%     | 95%     |
| 45  | 82%     | 90%     | 91%     | 100%    | 95%     | 86%     | 100%    | 84%     | 98%     | 82%     | 96%     |
| 50  | 86%     | 92%     | 93%     | 100%    | 97%     | 88%     | 100%    | 87%     | 99%     | 86%     | 97%     |
| 55  | 89%     | 93%     | 94%     | 99%     | 97%     | 90%     | 100%    | 90%     | 99%     | 89%     | 97%     |
| 60  | 92%     | 95%     | 95%     | 99%     | 98%     | 92%     | 99%     | 94%     | 100%    | 93%     | 98%     |
| 65  | 94%     | 96%     | 96%     | 98%     | 98%     | 94%     | 99%     | 96%     | 99%     | 95%     | 98%     |
| 70  | 95%     | 96%     | 96%     | 97%     | 98%     | 95%     | 98%     | 97%     | 99%     | 96%     | 98%     |
| 75  | 96%     | 97%     | 97%     | 97%     | 98%     | 96%     | 97%     | 98%     | 98%     | 98%     | 98%     |
| 80  | 96%     | 98%     | 97%     | 96%     | 98%     | 97%     | 97%     | 99%     | 97%     | 98%     | 98%     |
| 85  | 96%     | 99%     | 98%     | 97%     | 99%     | 99%     | 97%     | 99%     | 96%     | 99%     | 99%     |
| 90  | 96%     | 99%     | 99%     | 96%     | 100%    | 100%    | 97%     | 100%    | 96%     | 100%    | 99%     |
| 95  | 94%     | 100%    | 99%     | 96%     | 100%    | 100%    | 97%     | 100%    | 94%     | 100%    | 99%     |
| 100 | 92%     | 100%    | 99%     | 96%     | 100%    | 100%    | 96%     | 99%     | 92%     | 99%     | 99%     |
| 125 | 91%     | 100%    | 100%    | 93%     | 99%     | 98%     | 95%     | 97%     | 91%     | 96%     | 100%    |
| 150 | 89%     | 97%     | 98%     | 89%     | 94%     | 94%     | 93%     | 94%     | 89%     | 94%     | 97%     |
| 175 | 91%     | 97%     | 99%     | 91%     | 93%     | 94%     | 94%     | 92%     | 91%     | 91%     | 98%     |
| 200 | 88%     | 95%     | 97%     | 90%     | 91%     | 95%     | 95%     | 91%     | 89%     | 88%     | 97%     |
| 250 | 77%     | 91%     | 93%     | 86%     | 84%     | 96%     | 92%     | 86%     | 79%     | 77%     | 91%     |
| 300 | 67%     | 89%     | 93%     | 84%     | 82%     | 94%     | 91%     | 79%     | 71%     | 67%     | 89%     |
| 350 | 60%     | 86%     | 90%     | 81%     | 80%     | 89%     | 90%     | 72%     | 64%     | 60%     | 85%     |
| 400 | 56%     | 89%     | 94%     | 87%     | 77%     | 92%     | 95%     | 72%     | 68%     | 56%     | 88%     |
| 500 | 47%     | 90%     | 96%     | 88%     | 72%     | 91%     | 98%     | 65%     | 67%     | 47%     | 86%     |

Table 6-9 Total habitat - percent of maximum at Pecos River.

| Q   | Min All | E. gra. | C. pro. | D. arg. | N. bra. | N. ama. | A. mex. | M. con. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 29%     | 45%     | 44%     | 53%     | 29%     | 56%     | 75%     | 40%     | 62%     | 58%     | 61%     |
| 5   | 40%     | 58%     | 57%     | 69%     | 40%     | 71%     | 87%     | 53%     | 79%     | 71%     | 74%     |
| 10  | 48%     | 65%     | 65%     | 77%     | 48%     | 79%     | 93%     | 64%     | 86%     | 79%     | 81%     |
| 15  | 55%     | 72%     | 71%     | 83%     | 55%     | 84%     | 94%     | 71%     | 90%     | 84%     | 85%     |
| 20  | 61%     | 77%     | 76%     | 89%     | 61%     | 87%     | 95%     | 76%     | 93%     | 88%     | 89%     |
| 25  | 65%     | 80%     | 80%     | 92%     | 65%     | 89%     | 96%     | 78%     | 96%     | 90%     | 92%     |
| 30  | 69%     | 83%     | 83%     | 94%     | 69%     | 92%     | 96%     | 82%     | 97%     | 92%     | 94%     |
| 35  | 72%     | 85%     | 84%     | 95%     | 72%     | 93%     | 95%     | 83%     | 97%     | 93%     | 94%     |
| 40  | 76%     | 86%     | 86%     | 95%     | 76%     | 94%     | 94%     | 87%     | 97%     | 94%     | 94%     |
| 45  | 78%     | 88%     | 88%     | 96%     | 78%     | 96%     | 94%     | 88%     | 97%     | 95%     | 95%     |
| 50  | 80%     | 91%     | 91%     | 99%     | 80%     | 98%     | 99%     | 89%     | 99%     | 96%     | 98%     |
| 55  | 84%     | 93%     | 93%     | 100%    | 84%     | 99%     | 100%    | 92%     | 100%    | 97%     | 99%     |
| 60  | 86%     | 94%     | 94%     | 100%    | 86%     | 100%    | 100%    | 93%     | 100%    | 98%     | 100%    |
| 65  | 88%     | 95%     | 95%     | 99%     | 88%     | 100%    | 100%    | 94%     | 99%     | 98%     | 100%    |
| 70  | 90%     | 96%     | 96%     | 99%     | 90%     | 100%    | 100%    | 95%     | 99%     | 99%     | 100%    |
| 75  | 92%     | 97%     | 96%     | 99%     | 92%     | 100%    | 99%     | 96%     | 98%     | 99%     | 100%    |
| 80  | 93%     | 97%     | 97%     | 98%     | 93%     | 100%    | 99%     | 97%     | 98%     | 99%     | 100%    |
| 85  | 94%     | 97%     | 97%     | 98%     | 94%     | 99%     | 98%     | 97%     | 97%     | 99%     | 99%     |
| 90  | 95%     | 98%     | 98%     | 97%     | 95%     | 99%     | 98%     | 97%     | 96%     | 99%     | 99%     |
| 95  | 95%     | 98%     | 98%     | 97%     | 95%     | 99%     | 97%     | 97%     | 95%     | 98%     | 99%     |
| 100 | 94%     | 98%     | 98%     | 96%     | 96%     | 98%     | 96%     | 97%     | 94%     | 98%     | 98%     |
| 125 | 91%     | 100%    | 100%    | 95%     | 100%    | 99%     | 98%     | 100%    | 91%     | 100%    | 98%     |
| 150 | 87%     | 99%     | 100%    | 92%     | 100%    | 96%     | 96%     | 100%    | 87%     | 99%     | 97%     |
| 175 | 82%     | 96%     | 96%     | 88%     | 100%    | 92%     | 93%     | 97%     | 82%     | 97%     | 95%     |
| 200 | 77%     | 93%     | 94%     | 83%     | 100%    | 87%     | 91%     | 93%     | 77%     | 94%     | 92%     |
| 250 | 69%     | 84%     | 87%     | 73%     | 95%     | 78%     | 85%     | 84%     | 69%     | 85%     | 84%     |
| 300 | 62%     | 74%     | 81%     | 64%     | 89%     | 70%     | 77%     | 76%     | 62%     | 79%     | 75%     |
| 350 | 57%     | 69%     | 76%     | 59%     | 82%     | 66%     | 75%     | 68%     | 57%     | 73%     | 69%     |
| 400 | 49%     | 63%     | 70%     | 52%     | 74%     | 62%     | 71%     | 60%     | 49%     | 67%     | 64%     |
| 500 | 39%     | 53%     | 57%     | 42%     | 59%     | 46%     | 62%     | 45%     | 39%     | 54%     | 55%     |

 Table 6-10 Riffle habitat - percent of maximum at Pecos River

 Q
 Min All
 E. gra.
 C. pro.
 D. arg.
 N. bra.
 N. ama.

| Q   | Min All | E. gra. | C. pro. | D. arg. | N. bra. | N. ama. | A. mex. | M. con. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 11%     | 21%     | 21%     | 29%     | 11%     | 38%     | 51%     | 18%     | 28%     | 19%     | 27%     |
| 5   | 21%     | 36%     | 37%     | 52%     | 21%     | 58%     | 68%     | 27%     | 55%     | 35%     | 49%     |
| 10  | 30%     | 46%     | 47%     | 63%     | 30%     | 71%     | 77%     | 42%     | 68%     | 50%     | 59%     |
| 15  | 38%     | 54%     | 54%     | 72%     | 38%     | 77%     | 83%     | 50%     | 76%     | 57%     | 66%     |
| 20  | 44%     | 62%     | 62%     | 82%     | 44%     | 80%     | 85%     | 57%     | 83%     | 61%     | 75%     |
| 25  | 48%     | 68%     | 69%     | 89%     | 48%     | 83%     | 88%     | 60%     | 90%     | 64%     | 82%     |
| 30  | 53%     | 74%     | 74%     | 95%     | 53%     | 88%     | 92%     | 65%     | 95%     | 68%     | 88%     |
| 35  | 55%     | 76%     | 77%     | 98%     | 55%     | 90%     | 93%     | 67%     | 98%     | 69%     | 90%     |
| 40  | 61%     | 79%     | 80%     | 99%     | 61%     | 91%     | 93%     | 72%     | 99%     | 75%     | 91%     |
| 45  | 64%     | 82%     | 82%     | 100%    | 64%     | 92%     | 93%     | 75%     | 100%    | 78%     | 92%     |
| 50  | 66%     | 83%     | 84%     | 100%    | 66%     | 92%     | 92%     | 76%     | 100%    | 79%     | 92%     |
| 55  | 74%     | 85%     | 86%     | 99%     | 74%     | 92%     | 91%     | 83%     | 99%     | 83%     | 92%     |
| 60  | 78%     | 86%     | 87%     | 98%     | 78%     | 91%     | 90%     | 85%     | 98%     | 85%     | 92%     |
| 65  | 80%     | 87%     | 88%     | 97%     | 80%     | 90%     | 88%     | 86%     | 97%     | 86%     | 93%     |
| 70  | 84%     | 89%     | 89%     | 96%     | 84%     | 90%     | 88%     | 89%     | 96%     | 88%     | 93%     |
| 75  | 87%     | 90%     | 91%     | 95%     | 87%     | 90%     | 88%     | 91%     | 95%     | 89%     | 94%     |
| 80  | 87%     | 91%     | 91%     | 94%     | 90%     | 89%     | 87%     | 92%     | 94%     | 90%     | 94%     |
| 85  | 86%     | 92%     | 92%     | 94%     | 92%     | 89%     | 86%     | 94%     | 93%     | 91%     | 94%     |
| 90  | 84%     | 93%     | 93%     | 94%     | 93%     | 88%     | 84%     | 95%     | 92%     | 92%     | 94%     |
| 95  | 83%     | 94%     | 93%     | 93%     | 94%     | 87%     | 83%     | 95%     | 90%     | 92%     | 93%     |
| 100 | 82%     | 94%     | 93%     | 92%     | 95%     | 86%     | 82%     | 95%     | 89%     | 93%     | 93%     |
| 125 | 92%     | 100%    | 100%    | 97%     | 100%    | 100%    | 100%    | 100%    | 92%     | 100%    | 99%     |
| 150 | 83%     | 97%     | 97%     | 96%     | 97%     | 98%     | 100%    | 98%     | 83%     | 97%     | 100%    |
| 175 | 76%     | 93%     | 93%     | 91%     | 97%     | 94%     | 99%     | 95%     | 76%     | 94%     | 97%     |
| 200 | 70%     | 88%     | 88%     | 86%     | 95%     | 89%     | 97%     | 89%     | 70%     | 87%     | 93%     |
| 250 | 59%     | 75%     | 81%     | 72%     | 90%     | 81%     | 95%     | 75%     | 59%     | 69%     | 78%     |
| 300 | 53%     | 63%     | 75%     | 59%     | 83%     | 79%     | 91%     | 65%     | 53%     | 59%     | 63%     |
| 350 | 46%     | 53%     | 65%     | 48%     | 76%     | 76%     | 88%     | 56%     | 46%     | 52%     | 51%     |
| 400 | 34%     | 46%     | 58%     | 40%     | 66%     | 73%     | 83%     | 47%     | 34%     | 45%     | 44%     |
| 500 | 26%     | 37%     | 45%     | 35%     | 53%     | 56%     | 70%     | 35%     | 26%     | 30%     | 36%     |

Table 6-11 Run habitat - percent of maximum at Pecos River.

| Q   | Min All | E. gra. | C. pro. | D. arg. | N. bra. | N. ama. | A. mex. | M. con. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 36%     | 65%     | 61%     | 71%     | 36%     | 64%     | 78%     | 57%     | 73%     | 63%     | 70%     |
| 5   | 49%     | 75%     | 71%     | 80%     | 49%     | 75%     | 86%     | 71%     | 86%     | 78%     | 82%     |
| 10  | 58%     | 79%     | 77%     | 84%     | 58%     | 81%     | 90%     | 80%     | 92%     | 88%     | 88%     |
| 15  | 65%     | 83%     | 80%     | 89%     | 65%     | 85%     | 92%     | 84%     | 96%     | 93%     | 92%     |
| 20  | 71%     | 87%     | 84%     | 92%     | 71%     | 88%     | 93%     | 88%     | 99%     | 96%     | 96%     |
| 25  | 74%     | 88%     | 86%     | 93%     | 74%     | 90%     | 93%     | 89%     | 100%    | 98%     | 96%     |
| 30  | 79%     | 89%     | 87%     | 93%     | 79%     | 91%     | 92%     | 93%     | 100%    | 100%    | 96%     |
| 35  | 82%     | 89%     | 88%     | 92%     | 82%     | 92%     | 91%     | 94%     | 99%     | 100%    | 95%     |
| 40  | 84%     | 90%     | 89%     | 91%     | 84%     | 93%     | 89%     | 96%     | 97%     | 100%    | 94%     |
| 45  | 86%     | 91%     | 90%     | 92%     | 86%     | 94%     | 90%     | 97%     | 96%     | 99%     | 94%     |
| 50  | 87%     | 96%     | 95%     | 98%     | 87%     | 97%     | 96%     | 98%     | 99%     | 98%     | 98%     |
| 55  | 90%     | 98%     | 97%     | 100%    | 90%     | 99%     | 99%     | 100%    | 99%     | 98%     | 100%    |
| 60  | 92%     | 99%     | 98%     | 100%    | 92%     | 100%    | 100%    | 100%    | 98%     | 98%     | 100%    |
| 65  | 93%     | 100%    | 99%     | 100%    | 93%     | 100%    | 100%    | 100%    | 97%     | 97%     | 100%    |
| 70  | 94%     | 100%    | 100%    | 99%     | 94%     | 100%    | 100%    | 100%    | 96%     | 96%     | 99%     |
| 75  | 94%     | 100%    | 100%    | 98%     | 95%     | 100%    | 99%     | 100%    | 94%     | 95%     | 99%     |
| 80  | 93%     | 100%    | 100%    | 98%     | 96%     | 99%     | 98%     | 100%    | 93%     | 94%     | 98%     |
| 85  | 91%     | 100%    | 100%    | 97%     | 96%     | 98%     | 97%     | 99%     | 91%     | 93%     | 97%     |
| 90  | 90%     | 99%     | 100%    | 96%     | 97%     | 97%     | 96%     | 99%     | 90%     | 92%     | 96%     |
| 95  | 89%     | 99%     | 99%     | 94%     | 97%     | 96%     | 95%     | 99%     | 89%     | 91%     | 95%     |
| 100 | 87%     | 99%     | 99%     | 93%     | 97%     | 95%     | 94%     | 98%     | 87%     | 89%     | 95%     |
| 125 | 79%     | 96%     | 97%     | 86%     | 100%    | 89%     | 87%     | 97%     | 79%     | 87%     | 88%     |
| 150 | 75%     | 95%     | 98%     | 83%     | 100%    | 83%     | 82%     | 97%     | 75%     | 87%     | 85%     |
| 175 | 68%     | 92%     | 92%     | 77%     | 97%     | 76%     | 77%     | 92%     | 68%     | 81%     | 81%     |
| 200 | 62%     | 87%     | 89%     | 70%     | 95%     | 70%     | 73%     | 86%     | 62%     | 78%     | 76%     |
| 250 | 49%     | 75%     | 78%     | 60%     | 85%     | 58%     | 63%     | 75%     | 49%     | 66%     | 66%     |
| 300 | 41%     | 65%     | 68%     | 52%     | 78%     | 47%     | 55%     | 64%     | 41%     | 55%     | 56%     |
| 350 | 40%     | 63%     | 67%     | 53%     | 70%     | 43%     | 55%     | 56%     | 40%     | 46%     | 53%     |
| 400 | 33%     | 57%     | 60%     | 47%     | 62%     | 37%     | 52%     | 48%     | 33%     | 38%     | 46%     |
| 500 | 20%     | 44%     | 47%     | 33%     | 46%     | 24%     | 40%     | 30%     | 20%     | 24%     | 31%     |

Table 6-12 Pool habitat - percent of maximum at Pecos River.

| Q   | Min All | E. gra. | C. pro. | D. arg. | N. bra. | N. ama. | A. mex. | M. con. | L. meg. | M. sal. | C. cya. |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | 39%     | 55%     | 53%     | 62%     | 39%     | 51%     | 81%     | 42%     | 73%     | 69%     | 72%     |
| 5   | 48%     | 68%     | 66%     | 76%     | 48%     | 65%     | 93%     | 56%     | 85%     | 78%     | 81%     |
| 10  | 54%     | 75%     | 72%     | 82%     | 54%     | 73%     | 97%     | 64%     | 89%     | 82%     | 85%     |
| 15  | 61%     | 81%     | 78%     | 88%     | 61%     | 76%     | 96%     | 72%     | 92%     | 86%     | 88%     |
| 20  | 65%     | 84%     | 81%     | 88%     | 65%     | 79%     | 96%     | 77%     | 92%     | 90%     | 90%     |
| 25  | 69%     | 85%     | 83%     | 90%     | 69%     | 82%     | 96%     | 79%     | 93%     | 92%     | 92%     |
| 30  | 72%     | 87%     | 84%     | 90%     | 72%     | 84%     | 96%     | 82%     | 94%     | 93%     | 92%     |
| 35  | 75%     | 87%     | 85%     | 91%     | 75%     | 86%     | 94%     | 83%     | 94%     | 94%     | 92%     |
| 40  | 78%     | 88%     | 86%     | 90%     | 78%     | 87%     | 92%     | 84%     | 93%     | 94%     | 92%     |
| 45  | 79%     | 89%     | 87%     | 91%     | 79%     | 89%     | 92%     | 84%     | 93%     | 94%     | 93%     |
| 50  | 82%     | 92%     | 90%     | 95%     | 82%     | 91%     | 98%     | 86%     | 97%     | 96%     | 97%     |
| 55  | 83%     | 93%     | 91%     | 96%     | 83%     | 93%     | 99%     | 86%     | 98%     | 97%     | 98%     |
| 60  | 85%     | 94%     | 92%     | 97%     | 85%     | 94%     | 100%    | 87%     | 99%     | 97%     | 99%     |
| 65  | 86%     | 94%     | 92%     | 98%     | 86%     | 94%     | 100%    | 88%     | 100%    | 98%     | 100%    |
| 70  | 87%     | 95%     | 93%     | 99%     | 87%     | 95%     | 100%    | 89%     | 100%    | 98%     | 100%    |
| 75  | 88%     | 95%     | 94%     | 99%     | 88%     | 96%     | 100%    | 90%     | 100%    | 99%     | 100%    |
| 80  | 89%     | 96%     | 94%     | 99%     | 89%     | 96%     | 100%    | 90%     | 100%    | 99%     | 100%    |
| 85  | 89%     | 96%     | 95%     | 100%    | 89%     | 96%     | 100%    | 91%     | 100%    | 99%     | 100%    |
| 90  | 90%     | 96%     | 95%     | 100%    | 90%     | 97%     | 100%    | 91%     | 100%    | 99%     | 100%    |
| 95  | 90%     | 96%     | 95%     | 100%    | 90%     | 97%     | 100%    | 91%     | 100%    | 99%     | 100%    |
| 100 | 91%     | 96%     | 96%     | 100%    | 91%     | 97%     | 100%    | 91%     | 100%    | 98%     | 100%    |
| 125 | 95%     | 97%     | 97%     | 98%     | 95%     | 98%     | 98%     | 97%     | 97%     | 100%    | 99%     |
| 150 | 94%     | 99%     | 99%     | 96%     | 98%     | 100%    | 97%     | 99%     | 94%     | 100%    | 98%     |
| 175 | 92%     | 100%    | 100%    | 94%     | 100%    | 100%    | 96%     | 100%    | 92%     | 99%     | 97%     |
| 200 | 89%     | 101%    | 102%    | 91%     | 102%    | 98%     | 94%     | 100%    | 89%     | 98%     | 96%     |
| 250 | 84%     | 102%    | 103%    | 88%     | 103%    | 92%     | 89%     | 101%    | 84%     | 96%     | 93%     |
| 300 | 79%     | 101%    | 102%    | 83%     | 100%    | 85%     | 81%     | 98%     | 79%     | 94%     | 90%     |
| 350 | 74%     | 98%     | 99%     | 78%     | 95%     | 82%     | 78%     | 92%     | 74%     | 91%     | 85%     |
| 400 | 66%     | 96%     | 96%     | 71%     | 89%     | 79%     | 74%     | 85%     | 66%     | 86%     | 83%     |
| 500 | 58%     | 87%     | 87%     | 64%     | 75%     | 63%     | 69%     | 73%     | 58%     | 76%     | 78%     |

#### 6.2 Microhabitat Scale Analysis (Point Depth and Velocity Habitat Values)

Mesohabitat level responses described above can be more thoroughly understood by examining the hydrologic habitat parameters (depth, velocity and substrate) at the microhabitat level of points across the channel. The red bars in the following figures display the habitAt subsistence level flows (based on preliminary HEFR runs subsistence flows are estimated at about 25 cfs) habitat conditions are poor primarily because the depth for most of the channel is less than 1 foot, more shallow than preferred even for this small fish (Figure 6-2).

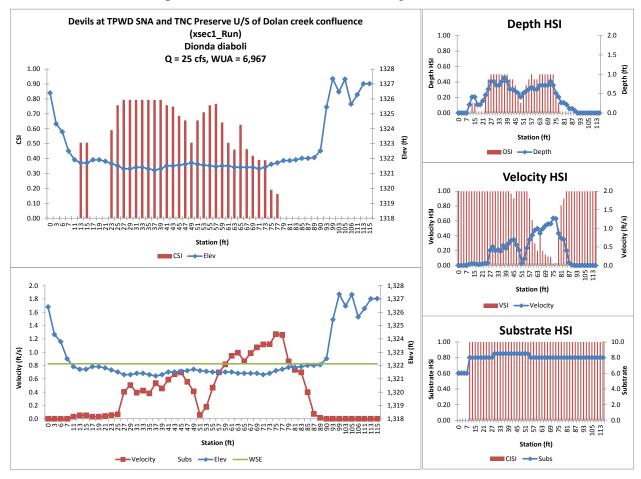


Figure 6-2 Devils River minnow habitat at 25 cfs at cross section 1 (run) at the Devils River.

As flows increase to 70 cfs (in the range of medium base flows), even though velocities are now too fast for most of the right side of the channel (the head pin for all sites was placed on the river left at station 0), significant portions of the left side of the channel are highly suitable for this species (Figure 6-3).

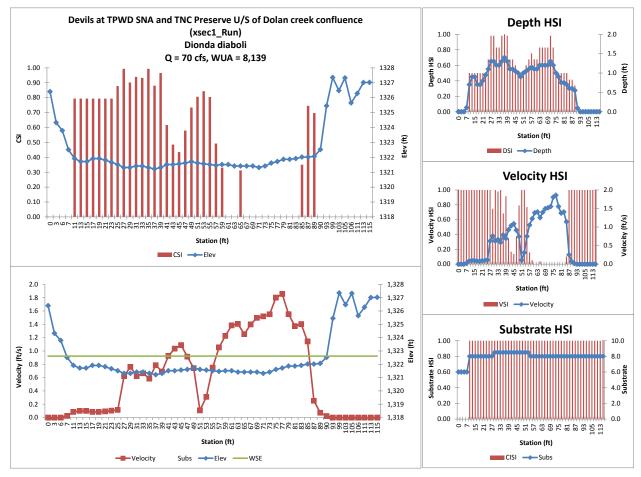


Figure 6-3 Devils River minnow habitat at 70 cfs at cross section 1 (run) at the Devils River.

Although somewhat higher than what would be considered for base flow recommendations, once the flow reaches 150 cfs at this cross section, high velocities result in most of the channel being unsuitable habitat for this species (Figure 6-4)

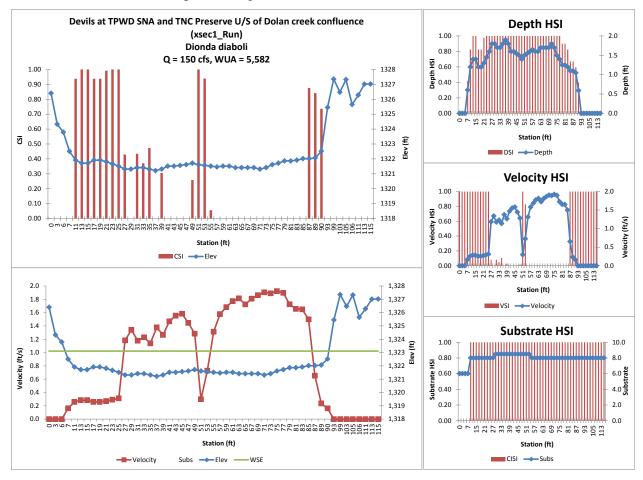


Figure 6-4 Devils River minnow habitat at 150 cfs at cross section 1 (run) at the Devils River.

The proceeding example demonstrates how the tool can be used to better understand how habitat conditions change with flows. This example not intended to make a recommendation for one flow rate over another, in fact this species at this cross section was selected because it shows a clear modal response over the range of base flows being considered, many of the species examined suggest less dramatic responses, especially when integrated over the entire study site and viewed at the reach scale. Typically, habitat area increases with increased flows as more edge area is inundated and, for some species, higher flows produce unsuitable depths and velocities in the middle of the channel. This highlights the importance of evaluating spatial issues. Suitable habitat for all species being limited to channel edges may suggest increased competition within that limited space. These results could also be used to evaluate habitat quality. While changes in habitat quality are not particularly significant for this species, habitat quality for some species may be an important factor to consider. For some species the total WUA at one flow may be the results of significant amounts of relatively poor quality habitat, while essentially the same total WUA may be produced by small areas of higher quality habitat. The relative value of large areas of poor quality habitat versus less area of higher-quality habitat is

another factor that might be considered. The spreadsheet tool provides an option for excluding low quality habitat below a user defined value. Values used in other studies have been in the range of 0.7 and 0.8. The issue of habitat quality, at the reach level, is addressed in more detail in Section 6.3 below.

#### 6.3 Assessing Quantity versus Quality Habitat at Reach level

One component in the evaluation of any instream flow regime is a consideration of the quantity versus quality aspects of available habitat. It is clear from simple observations across a wide array of aquatic species that individuals will occupy less than ideal habitats due to a variety of factors such as competition, linear dominance, community density, community structure (predator versus prey), etc. It is also known that if a more suitable location is made available, species will move to that "higher preferred" habitat location. This directly points out the subtle difference between pure quantities versus quality habitat in habitat selection by species. The analysis presented in this report is an estimate of the available habitat at each discharge, but does not consider these behavioral factors or species interactions. It is simply an estimated potential of locations having depth, velocity and substrate conditions that the biologist considers useable by each focal species. Given the type of habitat suitability criteria being employed in these studies, the calculation of physical habitat availability based on combinations of depth, velocity and substrate imply that, over some combination of their ranges, the combined suitability will range between 0.0 (totally unsuitable) to 1.0 (assumed to be ideal). What is assumed, however, is that any potential location having non-zero combined suitability is potentially inhabitable by the focal species and that a location having a combined suitability of 0.0 would not be occupied. The calculation of available habitat at any discharge is therefore the sum of all locations (cell areas) weighted by the combined suitability at each location. Clearly, if every location in the stream at given discharge had a combined suitability of 1.0, then the computed available habitat (Weighted Usable Area) would equal the stream surface area. Inherent in these calculations of total available habitat is that two identical values of available habitat at some discharge can be composed of two entirely different conditions of absolute suitability. If the river at some discharge contained 10 cells, each 1 square foot, and the combined suitability of each cell was 0.1 (poor quality) the total WUA would be estimated as 1 square foot. However, given this same discharge and 10 cells in which 9 cells had a 0.0 suitability and 1 cell had perfect suitability (i.e., 1.0) then the computed WUA would still be 1 square foot. At issue for the biologists then is making an informed decision between different flow rate ranges where one might be maximizing the total habitat area which may be composed mostly of poor quality suitability versus an alternative discharge in which more proportional area is composed of higher quality habitat areas.

In order to inform the BBEST, we have provided the capability in the assessment spreadsheets to examine both total quantity as well as quality of habitat available as a function of discharge. These results can be explored on a species by species basis at individual cross sections, by mesohabitat types derived from the replicate cross sections is these mesohabitat types, or at the reach level which integrates all habitat availability across all mesohabitat types. To further explore the implications of quantity versus quality, Figure 6-5 shows the relationships between total available habitat and discharge (top) versus only "high" quality habitat versus discharge (bottom) over the ranges of subsistence, low, medium and high base flow ranges. High quality habitat was assumed to be where the combined suitability for component depth, velocity, and substrate suitability were >= 0.75. The analysis tool can be used to set any arbitrary threshold

for screen out "poor" habitat and the threshold of 0.75 was selected based on previous work by the TPWD and discussions with the Instream Subcommittee.

What is evident in Figure 6-5 is that while the total quantity of habitat (top) increases sharply from zero to the subsistence flow range, the rise is less sharp when considering only high quality habitat. Some species have no high quality habitat (or extremely low) within the subsistence flow ranges but have proportionally higher amounts within the base flow ranges of discharge. It is also evident that the amount of quality habitat is more sensitive to flows within the medium and high base flow seasonal discharge ranges but so not evident when only considering total habitat available. In some sense, these results support the underlying ethos of the Texas Instream Flow Program (TIFP 2008) and SAC guidance (SAC 2009b) where three levels of base flow regimes have been suggested as a starting point for evaluating environmental base flow regimes.

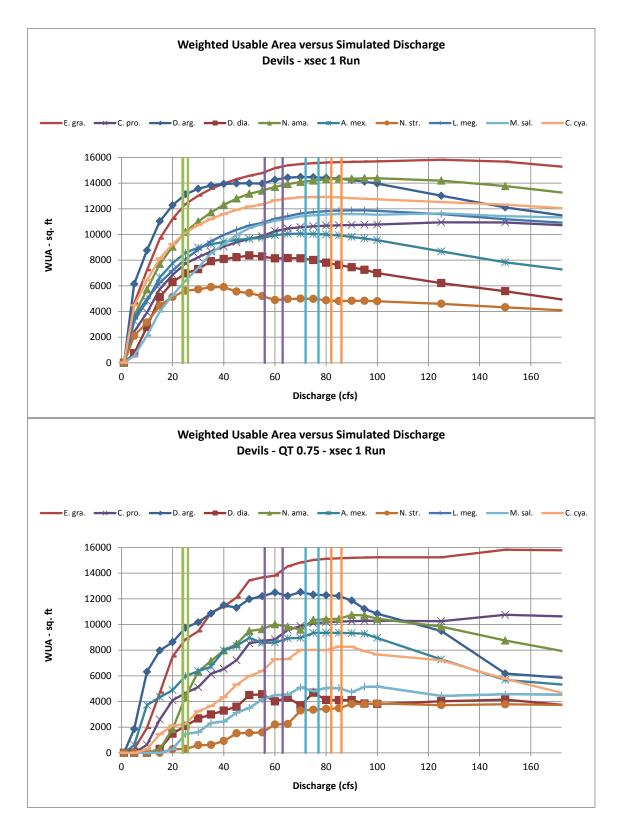


Figure 6-5 Quantity versus quality of available habitat at the Devils River study site.

## 7 Conclusions

The authors of this report recognize the task facing the BBEST, namely to develop scientifically defensible flow recommendations to maintain a sound ecological environment. A paucity of data, incomplete understanding of biological responses and time and resource constraints make this a particularly daunting task. The information developed as part of this project are intended to assist in the evaluation of the instream habitat response to different flow levels and support the decision process for recommended instream flow regimes. Physical habitat is an essential component of stream ecosystems. It is important to recognize, however, that this physical habitat based analysis does not consider water quality, sediment transport, or direct consequences of competition and predation.

#### 8 References

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# 9 Appendix A Uncertainty

This study employed one dimensional habitat models, combined with habitat suitability criteria to predict the amount of suitable habitat (WUA – weighted usable area) produced over range of flows. It is intended that the WUA versus flow curves will be used to evaluate flow recommendations.

The assumption that habitat is an important precursor to establishing conditions in which native aquatic species will persist is fundamental to the science of instream flows however before addressing the uncertainties inherent within the specific hydraulic and habitat models used in this study, it is important to acknowledge some of the more significant uncertainties associated with instream flow studies and complex aquatic systems in general. Aquatic habitats are dynamic and are not completely understood, making them very difficult to sample comprehensively. The ecosystem processes and relationships between aquatic species and their environment and among species are complex and species populations can be influenced by other interactions, the nature and extent of which can be difficult to detect. Finally, this study does not addresses the many other issues related to community ecology or other disciplines such as water quality and geomorphology.

An important limitation of the analysis presented in this report is that the hydraulic models were developed based on field data collected at a single flow rate at each site. Ideally data would be collected over a range of flows to develop site (or cross section specific) rating curves to predict water surface elevation at different flows and to be able to calibrate the model roughness parameters to adequately predict velocity distributions across the channel over a range of flow conditions. Since data from other flow rates is not available rating curves available at the most proximate USGS/IBWC gage were used to estimate water surface elevation and calculate depths at each cross section (Figure 4-1 in the main body of this report). An iterative approach, described below, was employed to ensure that the model produced reasonable estimates of velocity.

A sensitivity analysis was performed for both depth and velocity. The objective of this analysis was to address the question "If the error resulting from the model assumptions is within a reasonably expected range, would the results suggest different conclusions."

For the depth analysis the critical factor is the shape of the response of water surface elevation to flow. To evaluate a range of responses models were run for each site using ratings developed for the other sites. For example there is a model for the Devils site using the Devils rating curve (1) and also one of Devils using the Indy rating curve (2) and one of the Devils using the Pecos rating curve (3). The same is true for the other two sites. The resulting WUA versus flow curves produced by the application of these different shape rating curves were first compared visually, however detecting changes in curve response among 10 species X 7-9 cross sections X 3 alternative rating curves X 3 sites is difficult. One approach to focus on the most significant differences was to compare the flows that produce the maximum habitat for each rating curve application. For the Devil's River site the most significant difference in peak habitat response within the base flow range of flows was at Cross Section 7, a Slow Run, were the application of the rating curve from Independence Creek predicts a continued increase WUA for sand shiner (*N. str.*) at flows above the HEFR base flows while the application of the Devils rating curve at the Devils site indicates that WUA for this species peaks within the range of HEFR base flows. (Figure 9-1)

This analysis provides an estimate of the range for the depth response over the range of flows that are being simulated. While some species show slightly different response due to the application one or another rating curve, in general the WUA response to selection of rating curve appears to be fairly minimal. It is worth noting that the rating curves developed by the USGS/IBWC were likely based on measurements at all three sites in runs. Depths in pools would likely respond more quickly to changes in flow and while depths in riffles may respond more slowly, thus it is possible that this analysis does not fully encompasses the range of response that might be observed at every cross section however an objective estimate of the extent this range is beyond the scope of this study. This analysis with graphs and tables showing the different WUA curves produced by each model are available in spreadsheet DepthCal\_Results.xlsm.

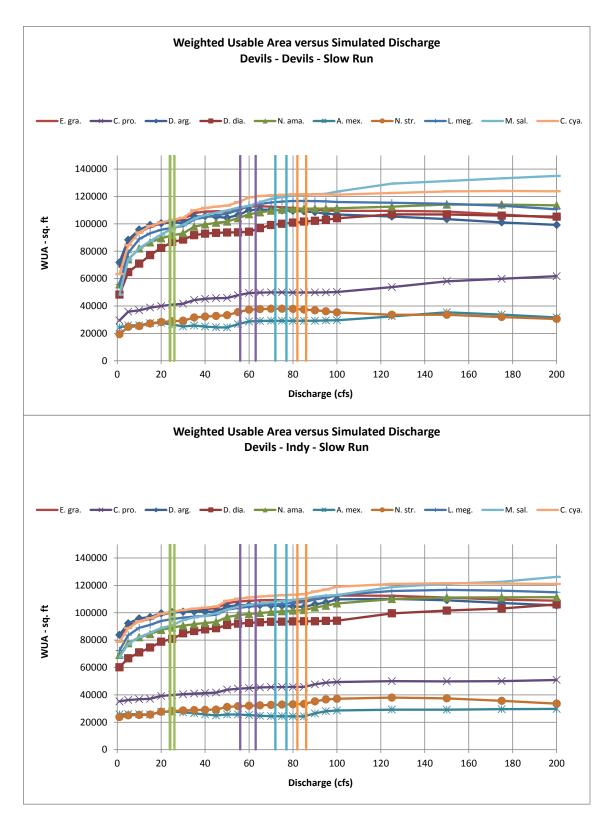


Figure 9-1 WUA response to flow Devils River cross section 7 based on application of Devils River rating curve to Devils River site (above) vs. application of Independence Creek River rating curve to Devils River site (below).

Velocity is equal to flow rate divided by cross sectional area which is a function of depth. Thus given a known depth and flow rate average velocity across the channel can be calculated directly. What is important from the stand point of one dimensional habitat modeling is how the velocity is distributed across the channel. In the first iteration of the hydraulic models, velocities were extrapolated down and up to simulate conditions at lower and higher flows based on the observed velocity distributions measured by TPWD and Sul Ross. A roughness coefficient (N), calculated for each cell using Manning's equation, served as a velocity distribution factor. In this first iteration of the models, these N values were held constant at all flows. The problem with this approach is that the model calculates very high N values in cells where observed depth is high and velocity is low and very low N values where observed depth is low and velocity is high. When the model simulates higher flows, the velocity in those cells with high N values remains very low or near zero (even though it is probably reasonable to expect velocities to increase in these areas). This approach also results in very high velocities in the cells in which a very low N value was calculated from the depths and velocities measured in the field. These velocity spikes of 7-10 ft/s are unrealistic expectations of what would occur at higher flows when velocity distributions across the channel would likely smooth out.

To address this issue the PHABSIM<sup>3</sup> model uses a velocity depth correction where the effect of roughness decreases as depth increases. Although implemented somewhat differently in the model spreadsheets used for this study, an approach was developed which has a similar effect. In what is now the final model calibration used for this study (results with the suffix var for "Variable"), the calculations assume that at some high flow rate, the roughness effect becomes insignificant and velocity is simply a function of depth (described by Manning equation but assuming an N value of 1). Up to the observed flow (which for all sites was relatively low) the N values were calculated based on observed velocity (with an maximum N value of 1) and between observed flow and a very high flow (850 cfs appeared to work well), the N value was interpolated between the values calculated at the observed flow and the value of 1 at 850 cfs. Velocity predictions at all cross sections were reviewed and appear to reasonably reproduced the observed velocities and produced what appear to be reasonable velocity distributions at higher flows (velocities increased in deeper, slower moving areas as flows came up and there are no velocity spikes above about 3 ft/s).

The uncertainty analysis compared two alternative approaches to developing velocity distributions across the channel with the calibration approach described in the paragraph above. The first alternative strictly applies N values calculated based on observed depths and velocities to all flows. The second alterative assumes uniform roughness were velocity is solely a function of depth. These alternatives are intended to provide reasonable bounds on the habitat response to the uncertainty of how velocities are distributed across the channel at flows that were not directly observed. Neither alternative should be interpreted as a replacement for the calibrated model. The former results in unrealistic velocity spikes while the later does not reproduce the velocity distributions that were observed during the field collections. The results of the velocity distribution sensitivity analysis were analyzed the same as the depth analysis presented above. Unlike the depth analysis which is independent of the velocity analysis, the velocity distributions are not independent of depths. This shortcoming is noted but no effort has been made to evaluate

Collins is the standard tool employed for 1 dimensional habitat modeling in the United States. This study preforms the basic PHABSIM calculations within an excel spreadsheet.

<sup>&</sup>lt;sup>3</sup> Physical HABitat SIMulation model (Stalnaker et al. 1995) developed by the USFWS at Fort Collins is the standard tool employed for 1 dimensional habitat modeling in the United States

the potential compound effect of uncertainty associate with both depth and velocity. The velocity results suggest that uncertainty associated with velocity distributions are smaller than those associated with depth. The results of the velocity sensitivity analysis runs are available in VelCal\_Results.xlsm.

While sensitivity analysis (to alternative rating curve shapes and velocity distributions across the channel) indicates some changes in magnitudes of WUA at different flow rates, in general the shape of the WUA response curves (especially within the range of flows that is of most interest to this evaluation) is very similar. This suggests that that error resulting from assumptions in model calibration would not likely effect the final conclusions regarding habitat response. The potential errors in the WUA response to depth appear to slightly higher than to velocity which suggest that collection of rating curve data could be more valuable in terms of reducing uncertainty that collection of velocity data.

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## 10 Appendix B Habitat Suitability Criteria

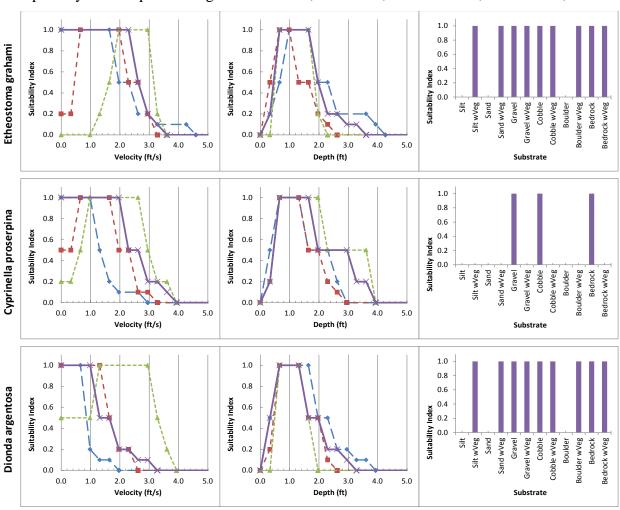
The following figures include site specific criteria developed for Devils River (blue diamond), Independence Creek (red square) and Pecos River (green triangle). As well as regional criteria based on data from all of the sites and application of professional experience to modify some of these criteria. The upper depth boundaries for gray redhorse, largemouth bass and Rio Grande cichlid were extended as there species are not know to be limited by deeper water and failure to collect them in deeper water is likely the result of sampling limitations. Specific modifications were made to proserpine shiner and Tamaulipas shiner per directions from the BBEST in consultation with TPWD.

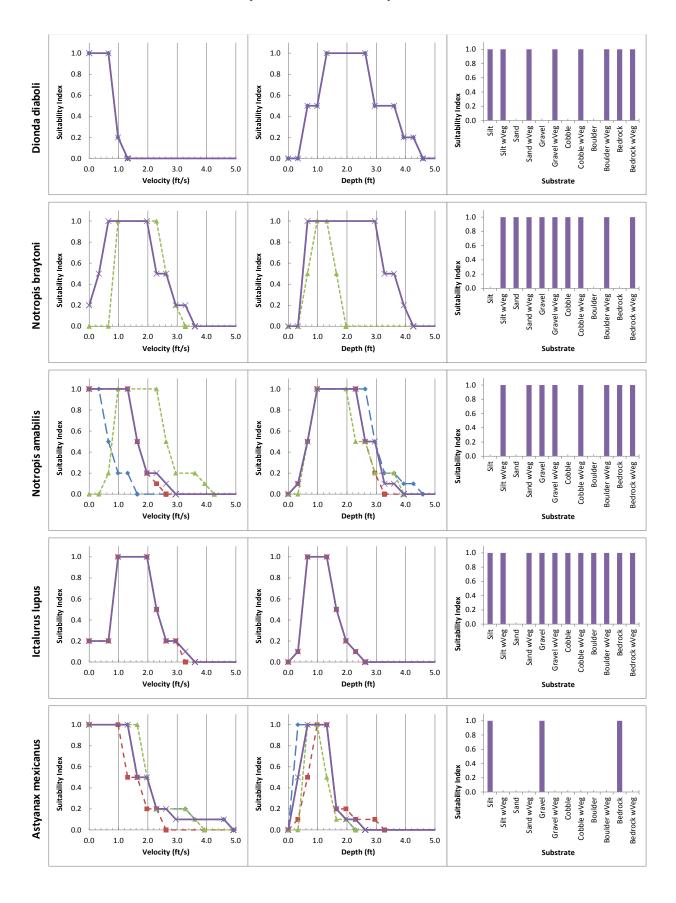
Cyprinella proserpina – velocity – extend suitability of 1 down to 0 ft/s (i.e., suitability of 1 for 0 to 2.0 ft/s)

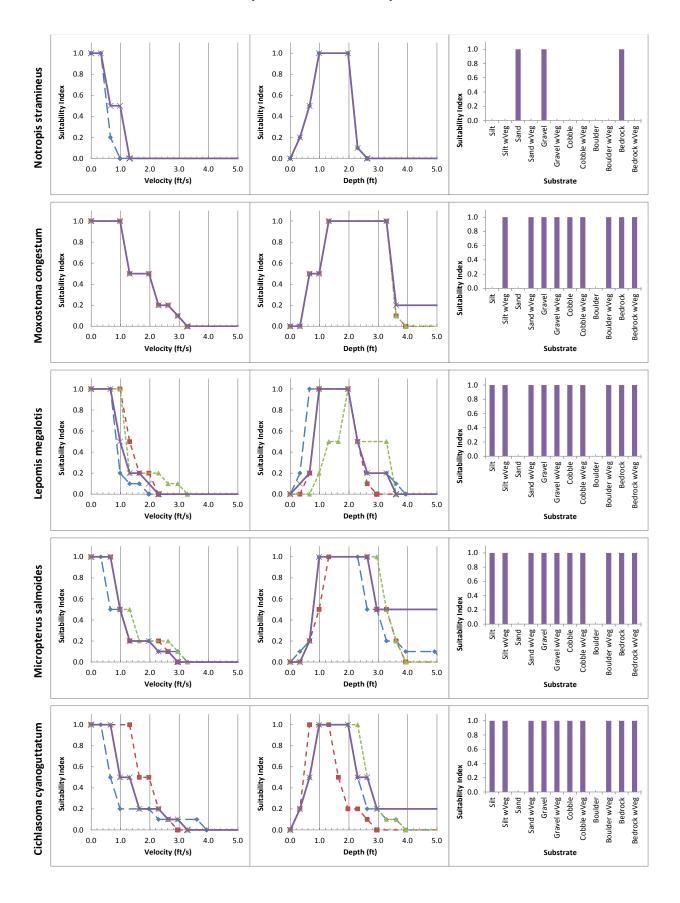
Cyprinella proserpina – depth – extend suitability of 0.5 up to 3ft (i.e., suitability of 0.5 for 2 to 3 ft)

Notropis braytoni – velocity – change to: 0 ft/s=0.2, 0.2 ft/s=0.5, 0.5-2 ft/s=1, 2.1-2.5 ft/s=0.5, 2.6-3 ft/s=0.2, >3ft/s=0

Notropis braytoni – depth – change to: 0-0.2 ft=0, 0.5-3 ft=1, 3.1-3.5 ft=0.5, 3.6-4 ft=0.2, >4 ft=0







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## 11 Appendix C Weighted Usable Area Results.

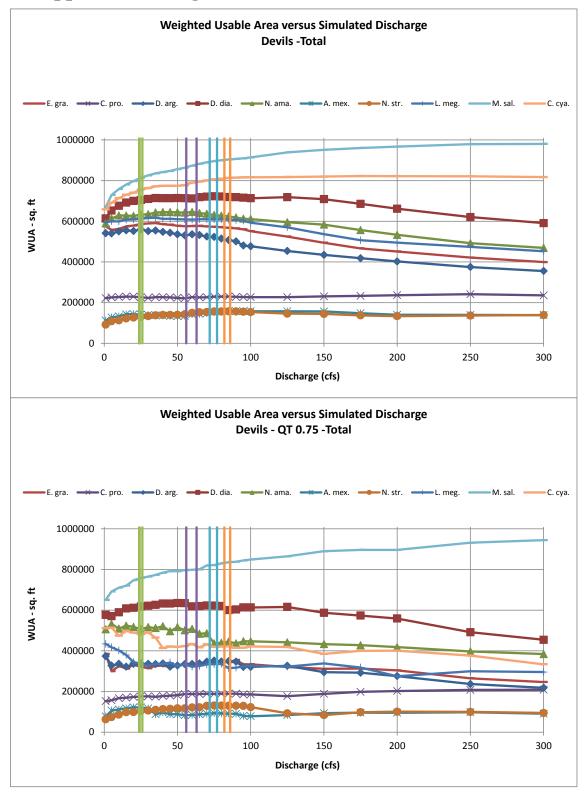


Figure 11-1 Weighted usable area versus simulated discharge at Devils River (Total).

Table 11-1 Percent of maximum WUA versus simulated discharge at Devils River (Total).

| Devils -  | -Total   |   |  |  |  |  |   |  |  |   |   |
|---|--|---|--|--|--|--|---|--|--|---|---|
| Q   | Min All  | E. gra.   | C. pro.  | D. arg.  | D. dia.  | N. ama.  | A. mex.   | N. str.  | L. meg.  | M. sal.   | C. cya.   |
| 1   | 58%  | 97%   | 95%  | 97%  | 85%  | 91%  | 71%   | 58%  | 96%  | 70%   | 80%   |
| 5   | 69%  | 94%   | 97%  | 96%  | 90%  | 95%  | 81%   | 69%  | 97%  | 76%   | 84%   |
| 10  | 72%  | 95%   | 98%  | 98%  | 94%  | 97%  | 84%   | 72%  | 97%  | 79%   | 87%   |
| 15  | 78%  | 97%   | 98%  | 99%  | 96%  | 97%  | 90%   | 78%  | 98%  | 81%   | 89%   |
| 20  | 81%  | 98%   | 98%  | 99%  | 97%  | 97%  | 91%   | 81%  | 99%  | 83%   | 90%   |
| 25  | 83%  | 99%   | 97%  | 100%   | 98%  | 98%  | 89%   | 83%  | 99%  | 85%   | 92%   |
| 30  | 85%  | 100%  | 96%  | 98%  | 98%  | 98%  | 88%   | 85%  | 100%   | 86%   | 93%   |
| 35  | 87%  | 100%  | 97%  | 99%  | 99%  | 100%   | 87%   | 88%  | 100%   | 87%   | 94%   |
| 40  | 86%  | 99%   | 97%  | 98%  | 99%  | 100%   | 86%   | 88%  | 99%  | 88%   | 94%   |
| 45  | 85%  | 99%   | 97%  | 97%  | 99%  | 100%   | 85%   | 88%  | 99%  | 88%   | 94%   |
| 50  | 84%  | 98%   | 96%  | 96%  | 99%  | 100%   | 84%   | 89%  | 99%  | 89%   | 94%   |
| 55  | 85%  | 97%   | 95%  | 95%  | 99%  | 99%  | 85%   | 91%  | 99%  | 90%   | 94%   |
| 60  | 90%  | 98%   | 97%  | 96%  | 99%  | 100%   | 90%   | 95%  | 98%  | 91%   | 96%   |
| 65  | 92%  | 98%   | 97%  | 95%  | 99%  | 99%  | 92%   | 97%  | 99%  | 92%   | 97%   |
| 70  | 93%  | 97%   | 97%  | 94%  | 100%   | 99%  | 94%   | 98%  | 99%  | 93%   | 97%   |
| 75  | 93%  | 97%   | 98%  | 93%  | 100%   | 98%  | 97%   | 99%  | 99%  | 93%   | 98%   |
| 80  | 92%  | 97%   | 98%  | 92%  | 100%   | 97%  | 98%   | 100%   | 99%  | 94%   | 98%   |
| 85  | 91%  | 96%   | 99%  | 91%  | 100%   | 97%  | 100%  | 100%   | 98%  | 94%   | 99%   |
| 90  | 89%  | 96%   | 98%  | 89%  | 99%  | 96%  | 100%  | 100%   | 98%  | 94%   | 99%   |
| 95  | 86%  | 95%   | 97%  | 86%  | 99%  | 95%  | 100%  | 99%  | 98%  | 95%   | 99%   |
| 100   | 85%  | 93%   | 97%  | 85%  | 99%  | 95%  | 100%  | 97%  | 96%  | 95%   | 99%   |
| 125   | 81%  | 89%   | 97%  | 81%  | 99%  | 92%  | 100%  | 93%  | 92%  | 98%   | 99%   |
| 150   | 78%  | 84%   | 99%  | 78%  | 98%  | 90%  | 99%   | 92%  | 87%  | 99%   | 100%  |
| 175   | 75%  | 79%   | 100%   | 75%  | 95%  | 86%  | 94%   | 87%  | 82%  | 100%  | 100%  |
| 200   | 72%  | 76%   | 101%   | 72%  | 92%  | 83%  | 89%   | 85%  | 80%  | 101%  | 100%  |
| 250   | 67%  | 71%   | 103%   | 67%  | 86%  | 76%  | 88%   | 87%  | 77%  | 102%  | 100%  |
| 300   | 63%  | 68%   | 101%   | 63%  | 82%  | 73%  | 88%   | 88%  | 73%  | 102%  | 99%   |
| 350   | 61%  | 64%   | 100%   | 61%  | 77%  | 69%  | 87%   | 90%  | 69%  | 103%  | 99%   |
| 400   | 58%  | 62%   | 104%   | 58%  | 70%  | 67%  | 89%   | 95%  | 66%  | 103%  | 100%  |
| 500   | 57%  | 60%   | 116%   | 57%  |  |  |   |  |  |   |   |
|   | 3770   | 0076  | 110/6  | 3770   | 63%  | 65%  | 98%   | 111%   | 62%  | 105%  | 101%  |
|   | - QT 0.75 -Tota<br>Min All   |   | C. pro.  | D. arg.  | D. dia.  | N. ama.  | 98%<br>A. mex.  | 111%<br>N. str.  | 62%<br>L. meg.   | 105%<br>M. sal.   | 101%<br>C. cya.   |
| Devils - Q  | - QT 0.75 -Tota<br>Min All<br>49%  | al<br>E. gra.<br>100%   | C. pro.<br>77%   |  | D. dia.<br>91%   | N. ama.<br>95%   | A. mex.<br>63%  | N. str.<br>49%   | L. meg.<br>100%  |   |   |
| Devils -<br>Q<br>1<br>5   | - QT 0.75 -Tota<br>Min All<br>49%<br>57%   | E. gra. 100% 78%  | C. pro.<br>77%<br>79%  | D. arg.<br>100%<br>88%   | D. dia.<br>91%<br>90%  | N. ama.<br>95%<br>100%   | A. mex.<br>63%<br>87%   | N. str.<br>49%<br>57%  | L. meg.<br>100%<br>96%   | M. sal.<br>73%<br>77%   | C. cya.<br>100%<br>100%   |
| Devils -<br>Q<br>1<br>5<br>10   | - QT 0.75 -Tota<br>Min All<br>49%  | E. gra. 100% 78% 85%  | C. pro.<br>77%<br>79%<br>85%   | D. arg. 100% 88% 90%   | D. dia.<br>91%<br>90%<br>93%   | N. ama.<br>95%<br>100%<br>96%  | A. mex.<br>63%<br>87%<br>91%  | N. str.<br>49%   | L. meg.<br>100%<br>96%<br>93%  | M. sal. 73% 77% 79%   | C. cya.<br>100%<br>100%<br>92%  |
| Devils - Q 1 5 10 15  | - QT 0.75 -Tota<br>Min All<br>49%<br>57%<br>66%<br>75%   | E. gra.  100%  78%  85%  81%  | C. pro.<br>77%<br>79%<br>85%<br>86%  | D. arg.  100%  88%  90%  86%   | D. dia. 91% 90% 93% 96%  | N. ama.<br>95%<br>100%<br>96%<br>98%   | A. mex. 63% 87% 91% 96%   | N. str.<br>49%<br>57%<br>66%<br>75%  | L. meg.<br>100%<br>96%<br>93%<br>87%   | M. sal. 73% 77% 79% 80%   | C. cya.<br>100%<br>100%<br>92%<br>97%   |
| Devils -<br>Q<br>1<br>5<br>10   | - QT 0.75 -Tota<br>Min All<br>49%<br>57%<br>66%  | E. gra. 100% 78% 85%  | C. pro.<br>77%<br>79%<br>85%   | D. arg. 100% 88% 90%   | D. dia.<br>91%<br>90%<br>93%   | N. ama.<br>95%<br>100%<br>96%  | A. mex.<br>63%<br>87%<br>91%  | N. str.<br>49%<br>57%<br>66%   | L. meg.<br>100%<br>96%<br>93%  | M. sal. 73% 77% 79%   | C. cya.<br>100%<br>100%<br>92%  |
| Devils - Q 1 5 10 15  | - QT 0.75 -Tota<br>Min All<br>49%<br>57%<br>66%<br>75%   | E. gra.  100%  78%  85%  81%  | C. pro.<br>77%<br>79%<br>85%<br>86%  | D. arg.  100%  88%  90%  86%   | D. dia. 91% 90% 93% 96%  | N. ama.<br>95%<br>100%<br>96%<br>98%   | A. mex. 63% 87% 91% 96%   | N. str.<br>49%<br>57%<br>66%<br>75%  | L. meg.<br>100%<br>96%<br>93%<br>87%   | M. sal. 73% 77% 79% 80%   | C. cya.<br>100%<br>100%<br>92%<br>97%   |
| Devils - Q 1 5 10 15 20   | - QT 0.75 -Tot:<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%  | E. gra.  100%  78%  85%  81%  86%   | C. pro.<br>77%<br>79%<br>85%<br>86%<br>87%   | D. arg.  100%  88%  90%  86%  90%  | D. dia. 91% 90% 93% 96% 96%  | N. ama.<br>95%<br>100%<br>96%<br>98%<br>97%  | A. mex. 63% 87% 91% 96% 100%  | N. str.<br>49%<br>57%<br>66%<br>75%<br>75%   | L. meg.<br>100%<br>96%<br>93%<br>87%<br>79%  | M. sal.  73%  77%  79%  80%  83%  | C. cya.<br>100%<br>100%<br>92%<br>97%<br>95%  |
| Devils - Q 1 5 10 15 20 25  | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%   | E. gra. 100% 78% 85% 81% 86% 84%  | C. pro. 77% 79% 85% 86% 87%  | D. arg.<br>100%<br>88%<br>90%<br>86%<br>90%  | D. dia. 91% 90% 93% 96% 96% 97%  | N. ama.<br>95%<br>100%<br>96%<br>98%<br>97%  | A. mex.<br>63%<br>87%<br>91%<br>96%<br>100%   | N. str.<br>49%<br>57%<br>66%<br>75%<br>75%<br>80%  | L. meg.<br>100%<br>96%<br>93%<br>87%<br>79%  | M. sal. 73% 77% 79% 80% 83% 85%   | C. cya.<br>100%<br>100%<br>92%<br>97%<br>95%  |
| Devils - Q 1 5 10 15 20 25 30   | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>75%<br>72%<br>77%   | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85%   | C. pro. 77% 79% 85% 86% 87% 89% 89% 89%  | D. arg. 100% 88% 90% 86% 90% 90% 90% 89%   | D. dia. 91% 90% 93% 96% 96% 97% 98% 99%  | N. ama.<br>95%<br>100%<br>96%<br>98%<br>97%<br>95%<br>97%<br>96%<br>98%  | A. mex. 63% 87% 91% 96% 100% 100% 96% 72% 79%   | N. str.<br>49%<br>57%<br>66%<br>75%<br>80%<br>81%<br>84%<br>86%                              | L. meg.<br>100%<br>96%<br>93%<br>87%<br>79%<br>77%<br>75%<br>78%<br>77%  | M. sal. 73% 77% 79% 80% 83% 85% 85% 86% 88%   | C. cya.<br>100%<br>100%<br>92%<br>97%<br>95%<br>94%<br>95%<br>91%<br>80%  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45  | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>75%<br>72%<br>77%   | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 83%   | C. pro. 77% 79% 85% 86% 87% 89% 89% 89% 90% 91%  | D. arg. 100% 88% 90% 86% 90% 90% 90% 90% 89% 90%   | D. dia. 91% 90% 93% 96% 96% 97% 98% 99% 100%   | N. ama.<br>95%<br>100%<br>96%<br>98%<br>97%<br>95%<br>97%<br>96%<br>98%<br>93%   | A. mex. 63% 87% 91% 96% 100% 100% 72% 79%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88%  | L. meg.<br>100%<br>96%<br>93%<br>87%<br>79%<br>75%<br>78%<br>77%<br>79%  | M. sal. 73% 77% 79% 80% 83% 85% 86% 88% 88%   | C. cya.<br>100%<br>100%<br>92%<br>97%<br>95%<br>94%<br>95%<br>91%<br>80%<br>82%   |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50   | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>75%<br>72%<br>72%   | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 85% 83% 86%   | C. pro. 77% 79% 85% 86% 87% 89% 89% 99% 91% 92%  | D. arg. 100% 88% 90% 86% 90% 90% 90% 89% 90% 86% 88%   | D. dia. 91% 90% 93% 96% 96% 96% 97% 98% 100% 100%  | N. ama.<br>95%<br>100%<br>96%<br>98%<br>97%<br>95%<br>97%<br>96%<br>98%<br>93%<br>97%                                    | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 72%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88%  | L. meg.  100%  96%  93%  87%  79%  77%  75%  78%  77%  79%   | M. sal. 73% 77% 79% 80% 83% 85% 85% 86% 88% 88%   | C. cya.<br>100%<br>100%<br>92%<br>97%<br>95%<br>94%<br>95%<br>91%<br>80%  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50   | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>75%<br>72%<br>72%<br>72%<br>68%                             | 85%<br>85%<br>84%<br>85%<br>84%<br>85%<br>85%<br>85%<br>85%<br>85%<br>85%<br>85%                                    | C. pro. 77% 79% 85% 86% 87% 89% 89% 99% 91% 92%  | D. arg.  100%  88%  90%  86%  90%  90%  89%  90%  86%  88%  90%  | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100%  | N. ama.<br>95%<br>100%<br>96%<br>98%<br>97%<br>95%<br>96%<br>98%<br>93%<br>97%   | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 72% 68%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89%  | L. meg.  100% 96% 93% 87% 79% 75% 75% 75% 75% 77%  | M. sal. 73% 77% 79% 80% 83% 85% 85% 86% 88% 88% 88%   | C. cya.<br>100%<br>100%<br>92%<br>97%<br>95%<br>94%<br>95%<br>91%<br>80%<br>82%<br>82%  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 55 60   | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>75%<br>72%<br>72%<br>72%<br>68%<br>69%                      | 85%<br>85%<br>81%<br>86%<br>84%<br>85%<br>85%<br>85%<br>85%<br>85%<br>85%<br>85%<br>85%<br>86%                      | C. pro.  77%  79%  85%  86%  87%  89%  89%  88%  90%  91%  92%  95%  95%   | D. arg. 100% 88% 90% 86% 90% 90% 89% 90% 86% 88% 90% 90%   | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100% 100% 97%   | N. ama.<br>95%<br>100%<br>96%<br>98%<br>97%<br>95%<br>97%<br>96%<br>93%<br>93%<br>97%                                    | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 68% 69%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89%  | L. meg.  100% 96% 93% 87% 79% 75% 78% 77% 75% 75%  | M. sal. 73% 77% 79% 80% 83% 85% 85% 86% 88% 88% 88% 88%   | C. cya.<br>100%<br>100%<br>92%<br>97%<br>95%<br>94%<br>95%<br>91%<br>80%<br>82%<br>82%<br>84%   |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 55 60 65  | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>72%<br>72%<br>68%<br>69%<br>72%                             | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 85% 85% 87% 86% 87%   | C. pro.  77%  79%  85%  86%  87%  89%  89%  88%  90%  91%  92%  95%  95%   | D. arg.  100%  88%  90%  86%  90%  90%  89%  90%  86%  88%  90%  90%   | D. dia. 91% 90% 93% 96% 96% 97% 100% 100% 100% 97% 98%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 97% 94% 95% 91%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 68% 69% 72%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93%  | L. meg.  100% 96% 93% 87% 79% 77% 75% 75% 77% 74% 75%  | M. sal.  73%  77%  79%  80%  83%  85%  85%  86%  88%  88%  88%  88%  88   | C. cya.  100% 100% 92% 97% 95% 94% 95% 94% 82% 82% 82% 84% 81%  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 55 60   | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>75%<br>72%<br>72%<br>72%<br>68%<br>69%                      | 85%<br>85%<br>81%<br>86%<br>84%<br>85%<br>85%<br>85%<br>85%<br>85%<br>85%<br>85%<br>85%<br>86%                      | C. pro.  77%  79%  85%  86%  87%  89%  89%  88%  90%  91%  92%  95%  95%   | D. arg. 100% 88% 90% 86% 90% 90% 89% 90% 86% 88% 90% 90%   | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100% 100% 97%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 99% 94% 95% 91%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 68% 69%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89%  | L. meg.  100% 96% 93% 87% 79% 75% 78% 77% 75% 75%  | M. sal. 73% 77% 79% 80% 83% 85% 85% 86% 88% 88% 88% 88%   | C. cya.<br>100%<br>100%<br>92%<br>97%<br>95%<br>94%<br>95%<br>91%<br>80%<br>82%<br>82%<br>84%   |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75  | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>72%<br>72%<br>72%<br>68%<br>69%<br>72%<br>74%               | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 83% 86% 87% 86% 88%   | C. pro.  77% 79% 85% 86% 87% 89% 89% 91% 92% 95% 95% 95%   | D. arg.  100% 88% 90% 86% 90% 90% 89% 90% 86% 88% 90% 90% 93% 94%  | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100% 100% 97% 98% 98%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 94% 91% 82%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 68% 69% 72% 74%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93%  | L. meg.  100% 96% 93% 87% 79% 75% 75% 77% 74% 75% 77% 77%  | M. sal.  73%  77%  79%  80%  83%  85%  86%  88%  88%  89%  99%  91%  92%  | C. cya.  100% 100% 92% 97% 95% 94% 95% 94% 80% 82% 82% 84% 81%  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 65 70   | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>72%<br>72%<br>72%<br>68%<br>69%<br>72%                      | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 85% 85% 86% 87% 86% 88%   | C. pro.  77%  79%  85%  86%  87%  89%  89%  91%  92%  95%  95%  95%  | D. arg.  100% 88% 90% 86% 90% 90% 86% 88% 90% 90% 86% 88% 90% 90% 90%  | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100% 100% 97% 98%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 99% 94% 95% 91%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 68% 69% 72% 74%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 93%                                      | L. meg.  100% 96% 93% 87% 79% 75% 75% 77% 74% 75% 77%  | M. sal.  73%  77%  79%  80%  83%  85%  86%  88%  88%  88%  89%  99%   | C. cya.  100% 100% 92% 97% 95% 94% 95% 94% 80% 82% 82% 84% 81%  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75  | - QT 0.75 - Tota<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>72%<br>72%<br>72%<br>68%<br>69%<br>72%<br>74%               | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 83% 86% 87% 86% 88%   | C. pro.  77% 79% 85% 86% 87% 89% 89% 91% 92% 95% 95% 95%   | D. arg.  100% 88% 90% 86% 90% 90% 89% 90% 86% 88% 90% 90% 93% 94%  | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100% 100% 97% 98% 98%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 94% 91% 82%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 68% 69% 72% 74%   | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 93% 93%                                  | L. meg.  100% 96% 93% 87% 79% 75% 75% 77% 74% 75% 77% 77%  | M. sal.  73%  77%  79%  80%  83%  85%  86%  88%  88%  89%  91%  92%   | C. cya.  100% 100% 92% 97% 95% 94% 95% 94% 80% 82% 82% 84% 81%  |
| Devils - Q  1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80                              | - QT 0.75 - Total Min All 49% 57% 66% 75% 75% 75% 72% 72% 68% 69% 72% 74% 76% 75% 73% 73%  | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 85% 85% 86% 86% 87% 86% 88% 90%                                     | C. pro.  77%  79%  85%  86%  87%  89%  89%  88%  90%  91%  92%  95%  95%  95%  96%   | D. arg. 100% 88% 90% 86% 90% 90% 90% 89% 90% 86% 88% 90% 90% 90% 93%   | D. dia. 91% 90% 93% 96% 96% 97% 98% 99% 100% 100% 100% 98% 98% 98%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 94% 95% 91% 82% 83%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 72% 68% 69% 72% 74% 76% 75%                                 | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 93% 93% 100%                             | L. meg. 100% 96% 93% 87% 79% 75% 78% 77% 75% 75% 77% 77% 77%   | M. sal.  73%  77%  79%  80%  83%  85%  86%  88%  88%  89%  91%  92%  93%  | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 82% 84% 81% 84% 82% 82%  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85                                  | - QT 0.75 - Tots<br>Min All<br>49%<br>57%<br>66%<br>75%<br>75%<br>77%<br>72%<br>72%<br>72%<br>68%<br>69%<br>72%<br>74%<br>76%<br>75% | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 83% 86% 87% 86% 88% 90% 90%   | C. pro.  77%  79%  85%  86%  87%  89%  89%  88%  90%  91%  92%  95%  95%  95%  95%  95%  | D. arg. 100% 88% 90% 86% 90% 90% 89% 90% 89% 90% 86% 88% 90% 90% 93% 94% 93%                                 | D. dia. 91% 90% 93% 96% 96% 97% 98% 99% 100% 100% 100% 98% 98% 98% 98%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 94% 95% 91% 82% 83%  | A. mex. 63% 87% 91% 96% 100% 100% 96% 72% 72% 68% 69% 72% 74% 76% 75%                                 | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 93% 93% 93% 99%                          | L. meg.  100% 96% 93% 87% 79% 75% 78% 77% 75% 75% 77% 74% 75% 77% 77% 73%  | M. sal.  73%  77%  79%  80%  83%  85%  86%  88%  88%  89%  91%  92%  93%  | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 82% 82% 84% 84% 82% 82%  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90                               | - QT 0.75 - Total Min All 49% 57% 66% 75% 75% 75% 72% 72% 68% 69% 72% 74% 76% 75% 73% 73%  | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 83% 86% 87% 86% 88% 90% 90%   | C. pro.  77%  79%  85%  86%  87%  89%  89%  89%  90%  91%  92%  95%  95%  95%  95%  96%  | D. arg. 100% 88% 90% 86% 90% 90% 89% 90% 86% 88% 90% 90% 93% 93% 93%   | D. dia. 91% 90% 93% 96% 96% 97% 98% 99% 100% 100% 100% 97% 98% 98% 98% 95%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 94% 95% 91% 82% 83%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 72% 68% 69% 72% 74% 75% 74%                                 | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 100% 100% 99%                            | L. meg.  100%  96%  93%  87%  79%  75%  78%  77%  75%  77%  77%  74%  75%  77%  77   | M. sal. 73% 77% 79% 80% 83% 85% 86% 88% 88% 98% 91% 91% 92% 93% 94%   | C. cya. 100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 82% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84  |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90                               | - QT 0.75 - Total Min All 49% 57% 66% 75% 75% 75% 72% 72% 68% 69% 72% 74% 76% 75% 73% 66%  | 81 E. gra. 100% 78% 85% 81% 86% 844% 82% 85% 83% 86% 87% 86% 89% 90% 90% 89% 92%                                    | C. pro.  77%  79%  85%  86%  87%  89%  89%  89%  91%  92%  95%  95%  95%  95%  95%  96%  94%                                       | D. arg. 100% 88% 90% 86% 90% 90% 90% 89% 90% 86% 88% 90% 90% 93% 93% 93% 86%                                 | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100% 100% \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$  | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 97% 94% 95% 91% 82% 84% 82%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 72% 68% 69% 72% 74% 75% 74% 66%                             | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 89% 100% 99% 99%                             | L. meg.  100% 96% 93% 87% 79% 75% 78% 77% 75% 75% 77% 74% 75% 77% 73% 73% 73%  | M. sal. 73% 77% 79% 80% 83% 85% 86% 88% 88% 99% 91% 91% 93% 94%   | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 84% 81% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84   |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90                               | - QT 0.75 - Total Min All 49% 57% 66% 75% 75% 77% 72% 72% 68% 69% 72% 74% 76% 75% 73% 66% 64% 66% 66% 66% 66% 66%                    | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 83% 86% 87% 86% 89% 90% 90% 89% 92%                                     | C. pro.  77%  79%  85%  86%  87%  89%  89%  89%  91%  92%  95%  95%  95%  95%  96%  94%  94%                                       | D. arg. 100% 88% 90% 86% 90% 90% 90% 89% 90% 86% 88% 90% 90% 93% 93% 93% 86% 86%                             | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100% 100% \$\$99% | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 97% 94% 95% 91% 82% 84% 84% 84%  | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 68% 69% 72% 74% 76% 74% 66% 64%                             | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 93% 93% 93% 93% 94%                      | L. meg.  100% 96% 93% 87% 79% 75% 77% 75% 75% 77% 74% 75% 77% 73% 73% 75% 75%  | M. sal. 73% 77% 79% 80% 83% 85% 85% 86% 88% 89% 91% 91% 92% 93% 94% 94%   | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84   |
| Devils - Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125                    | - QT 0.75 - Total Min All 49% 57% 66% 75% 75% 75% 75% 72% 72% 68% 69% 72% 74% 76% 75% 73% 66% 64% 69%                                | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 83% 86% 87% 89% 90% 90% 89% 92% 87% 87% 83%                             | C. pro.  77%  79%  85%  86%  87%  89%  89%  91%  92%  95%  95%  95%  95%  95%  96%  94%  94%  89%                                  | D. arg. 100% 88% 90% 86% 90% 90% 90% 89% 90% 86% 88% 90% 90% 93% 93% 93% 86% 86% 86%                         | D. dia. 91% 90% 93% 96% 96% 96% 97% 100% 100% 100% 97% 98% 98% 98% 98% 98% 95% 97% 97%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 91% 82% 83% 84% 82% 84% 84% 84% 84% 84% 84% 84% 84%                | A. mex. 63% 87% 91% 96% 100% 100% 96% 72% 72% 68% 69% 72% 74% 76% 74% 66% 64% 69%                     | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 93% 93% 93% 94% 71%                      | L. meg.  100% 96% 93% 87% 79% 75% 75% 75% 77% 74% 75% 77% 74% 75% 77% 74% 75% 77% 74% 75% 74%  | M. sal. 73% 77% 79% 80% 83% 85% 85% 86% 88% 89% 99% 99% 99% 99% 99% 99% 99% 99  | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 84% 81% 84% 81% 84% 82% 82% 84% 81% 84% 82% 82% 82% 82% 82% 82%  |
| Devils - Q  1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150               | - QT 0.75 - Total Min All 49% 57% 66% 75% 75% 75% 72% 72% 72% 68% 69% 72% 74% 76% 75% 73% 66% 64% 69% 64% 69% 64%                    | 81 E. gra. 100% 78% 85% 81% 86% 84% 85% 85% 83% 86% 87% 86% 88% 99% 90% 89% 92% 87% 83% 81%                         | C. pro.  77%  79%  85%  86%  87%  89%  89%  91%  92%  95%  95%  95%  95%  96%  94%  94%  89%  95%                                  | D. arg. 100% 888% 90% 86% 90% 90% 89% 90% 86% 88% 90% 93% 93% 93% 93% 86% 86% 87%                            | D. dia. 91% 90% 93% 96% 96% 97% 98% 100% 100% 100% 97% 98% 98% 98% 98% 97% 97% 97% 97%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 95% 94% 93% 91% 91% 82% 83% 844% 84% 84% 84% 84%                                   | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 72% 68% 69% 72% 74% 76% 74% 66% 64% 69% 76%                 | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 93% 93% 93% 94% 100% 99% 99% 94% 71% 64% | L. meg.  100% 96% 93% 87% 79% 75% 75% 75% 77% 74% 75% 77% 74% 75% 77% 74% 75% 77% 74% 75% 77% 74% 75%                                | M. sal.  73%  77%  79%  80%  83%  85%  85%  86%  88%  88%  99%  99%  99%  91%  93%  94%  94%  95%  96%  99%               | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 82% 84% 81% 84% 81% 84% 82% 82% 82% 82% 82% 82% 82%  |
| Devils - Q  1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175           | - QT 0.75 - Total Min All 49% 57% 66% 75% 75% 75% 72% 72% 68% 69% 72% 74% 76% 75% 73% 66% 64% 69% 64% 73%                            | 81 E. gra. 100% 78% 85% 81% 86% 84% 85% 85% 85% 85% 86% 87% 86% 88% 90% 90% 89% 92% 87% 87% 83% 81% 81%             | C. pro.  77%  79%  85%  86%  87%  89%  89%  88%  90%  91%  92%  95%  95%  95%  95%  96%  94%  89%  94%  89%  95%  100%             | D. arg. 100% 88% 90% 86% 90% 90% 89% 90% 86% 88% 90% 93% 93% 93% 93% 86% 86% 87% 79% 78%                     | D. dia. 91% 90% 93% 96% 96% 97% 98% 99% 100% 100% 100% 97% 98% 98% 98% 98% 98% 95% 97% 97% 97% 90%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 91% 82% 83% 84% 82% 84% 84% 84% 84% 84% 84% 84% 84%                | A. mex. 63% 87% 91% 96% 100% 100% 72% 72% 72% 68% 69% 72% 74% 76% 74% 66% 64% 69% 76% 79%             | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 100% 100% 99% 99% 99% 94% 71% 64% 75%        | L. meg.  100% 96% 93% 87% 79% 75% 78% 77% 75% 77% 74% 75% 77% 74% 75% 77% 74% 75% 77% 73% 73% 73% 73%                                | M. sal.  73%  77%  79%  80%  83%  85%  85%  86%  88%  88%  99%  99%  91%  93%  94%  94%  94%  94%  95%  96%  99%  100%    | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 84% 81% 84% 82% 82% 84% 81% 82% 82% 82% 875%   |
| Devils - Q  1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 125 150 175 200 | - QT 0.75 - Tots Min All 49% 57% 66% 75% 77% 75% 72% 72% 72% 68% 69% 72% 74% 76% 73% 66% 64% 69% 64% 73% 63%                         | 81 E. gra.  100%  78% 85% 81% 86% 84% 82% 85% 85% 83% 86% 87% 86% 88% 90% 90% 90% 89% 92% 87% 87% 83% 81% 81% 79%   | C. pro.  77%  79%  85%  86%  87%  89%  89%  88%  90%  91%  92%  95%  95%  95%  96%  94%  84%  89%  94%  89%  95%  100%  102%       | D. arg. 100% 88% 90% 86% 90% 90% 90% 89% 90% 90% 86% 88% 90% 93% 93% 93% 93% 93% 74%                         | D. dia. 91% 90% 93% 96% 96% 97% 98% 99% 100% 100% 100% 97% 98% 98% 98% 95% 97% 97% 97% 97% 97% 90%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 94% 94% 84% 84% 84% 84% 84% 84% 84% 84% 84% 8                      | A. mex. 63% 87% 91% 96% 100% 100% 96% 72% 72% 68% 69% 72% 74% 76% 75% 74% 66% 64% 69% 76% 79% 78%     | N. str.  49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 99% 94% 71% 64% 75% 77%                 | L. meg.  100% 96% 93% 87% 79% 75% 78% 77% 75% 75% 77% 75% 77% 75% 77% 77% 77   | M. sal.  73%  77%  79%  80%  83%  85%  86%  88%  88%  89%  91%  92%  93%  94%  94%  95%  96%  99%  100%  100%             | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 82% 82% 81% 84% 84% 82% 82% 82% 82% 87% 88%  |
| Devils - Q  1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250   | - QT 0.75 - Tots Min All 49% 57% 66% 75% 75% 72% 72% 72% 72% 68% 69% 72% 74% 76% 75% 73% 66% 64% 69% 64% 63% 63%                     | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 83% 86% 87% 86% 88% 90% 90% 90% 89% 92% 87% 87% 83% 81% 81% 79%     | C. pro.  77% 79% 85% 86% 87% 89% 89% 88% 90% 91% 92% 95% 95% 95% 96% 94% 94% 89% 94% 89% 95% 100% 102%                             | D. arg. 100% 88% 90% 86% 90% 90% 89% 90% 88% 90% 90% 93% 94% 93% 93% 94% 93% 94% 93% 94% 93%                 | D. dia. 91% 90% 93% 96% 96% 97% 98% 99% 100% 100% 100% 97% 98% 98% 98% 98% 98% 95% 97% 97% 97% 97% 97% 97% 97%   | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 94% 95% 91% 82% 83% 84% 84% 84% 84% 84% 84% 84% 84%                | A. mex. 63% 87% 91% 96% 100% 100% 96% 72% 72% 68% 69% 72% 74% 76% 75% 74% 66% 64% 69% 76% 79% 78% 80% | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 99% 94% 71% 64% 75% 76%                  | L. meg.  100% 96% 93% 87% 79% 75% 78% 77% 75% 75% 77% 74% 75% 77% 73% 73% 73% 73% 75% 74% 78% 73% 63% 69%                            | M. sal.  73%  77%  79%  80%  83%  85%  85%  86%  88%  88%  89%  91%  92%  93%  94%  94%  95%  96%  99%  100%  100%  104%  | C. cya.  100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 82% 82% 81% 84% 82% 82% 81% 81% 82% 82% 81% 81% 82% 82% 81% 81% 82% 83% 84% 85% 85% 85% 85% 85% 85% 85% 85% 85% 85 |
| Devils - Q  1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 250 300       | - QT 0.75 - Total Min All 49% 57% 66% 75% 75% 72% 72% 72% 72% 72% 72% 72% 68% 69% 72% 73% 66% 64% 69% 64% 69% 64% 63% 63% 58%        | 81 E. gra. 100% 78% 85% 81% 86% 84% 82% 85% 85% 83% 86% 87% 86% 88% 89% 90% 90% 90% 89% 91% 81% 81% 81% 79% 69% 64% | C. pro.  77%  79%  85%  86%  87%  89%  89%  88%  90%  91%  92%  95%  95%  95%  95%  96%  94%  94%  89%  94%  89%  100%  102%  105% | D. arg. 100% 88% 90% 86% 90% 90% 90% 89% 90% 86% 88% 90% 93% 93% 93% 93% 93% 86% 86% 87% 79% 78% 74% 63% 58% | D. dia. 91% 90% 93% 96% 96% 97% 98% 99% 100% 100% 100% 97% 98% 98% 95% 97% 97% 97% 97% 97% 97% 97% 97% 97% 97  | N. ama.  95% 100% 96% 98% 97% 95% 97% 96% 98% 93% 91% 94% 95% 91% 82% 83% 84% 82% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | A. mex. 63% 87% 91% 96% 100% 100% 96% 72% 72% 68% 69% 72% 74% 66% 64% 66% 64% 69% 76% 78% 80%         | N. str. 49% 57% 66% 75% 80% 81% 84% 86% 88% 89% 93% 93% 93% 93% 94% 71% 64% 75% 77% 76%      | L. meg.  100% 96% 93% 87% 79% 75% 78% 77% 75% 75% 77% 74% 75% 77% 73% 73% 75% 75% 74% 75% 75% 76% 76% 76% 76% 76% 76% 76% 76% 76% 76 | M. sal.  73%  77%  79%  80%  83%  85%  86%  88%  88%  89%  91%  92%  93%  94%  94%  95%  96%  99%  100%  100%  104%  105% | C. cya. 100% 100% 92% 97% 95% 94% 95% 91% 80% 82% 82% 82% 81% 81% 82% 82% 81% 81% 82% 82% 81% 81% 82% 82% 81% 81% 82% 82% 85% 85% 86%                                     |

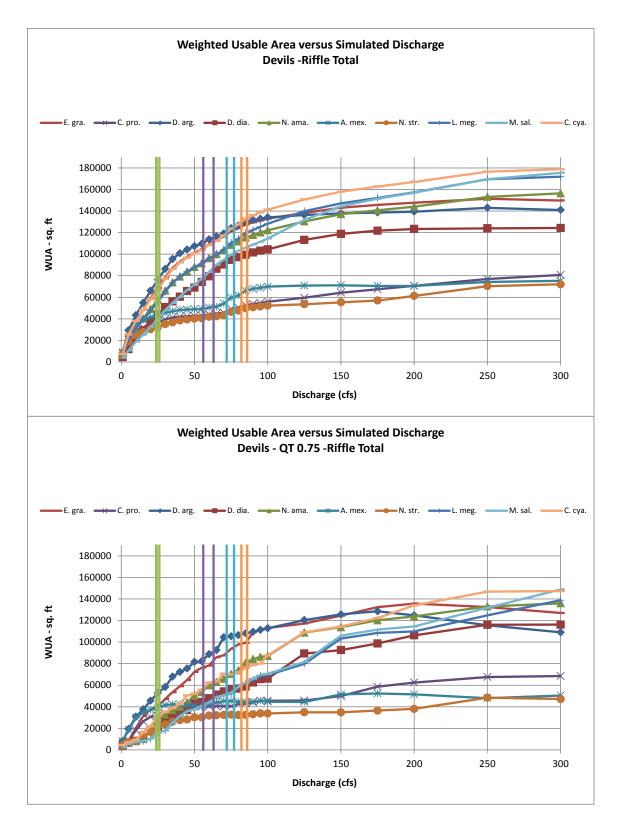


Figure 11-2 Weighted usable area versus simulated discharge at Devils River (Riffle Total).

Table 11-2 Percent of maximum WUA versus simulated discharge at Devils River (Riffle Total).

| Devils<br>Q  | -Riffle Total<br>Min All  | E. gra.  | C. pro.  | D. arg.   | D. dia.  | N. ama.  | A. mex.  | N. str.   | L. meg.  | M. sal.  | C. cya.   |
|--|---|--|--|---|--|--|--|---|--|--|---|
| 1  | 3%  | 5%   | 11%  | 6%  | 4%   | 5%   | 13%  | 12%   | 4%   | 3%   | 4%  |
| 5  | 7%  | 17%  | 30%  | 21%   | 10%  | 15%  | 38%  | 33%   | 14%  | 7%   | 16%   |
| 10   | 13%   | 26%  | 41%  | 31%   | 18%  | 22%  | 50%  | 43%   | 20%  | 13%  | 23%   |
| 15   | 17%   | 33%  | 48%  | 40%   | 24%  | 29%  | 55%  | 49%   | 26%  | 17%  | 30%   |
| 20   | 22%   | 41%  | 52%  | 48%   | 30%  | 35%  | 58%  | 53%   | 31%  | 22%  | 36%   |
| 25   | 26%   | 47%  | 54%  | 55%   | 36%  | 41%  | 60%  | 56%   | 37%  | 26%  | 41%   |
| 30   | 32%   | 54%  | 59%  | 62%   | 42%  | 47%  | 64%  | 62%   | 43%  | 32%  | 47%   |
| 35   | 36%   | 60%  | 61%  | 69%   | 46%  | 52%  | 66%  | 64%   | 48%  | 36%  | 53%   |
| 40   | 40%   | 64%  | 62%  | 73%   | 50%  | 56%  | 68%  | 67%   | 52%  | 40%  | 57%   |
| 45   | 44%   | 67%  | 63%  | 75%   | 54%  | 60%  | 68%  | 69%   | 55%  | 44%  | 59%   |
| 50   | 47%   | 70%  | 63%  | 77%   | 57%  | 63%  | 69%  | 71%   | 58%  | 47%  | 62%   |
| 55   | 51%   | 72%  | 64%  | 79%   | 61%  | 65%  | 69%  | 71%   | 60%  | 51%  | 64%   |
| 60   | 55%   | 75%  | 66%  | 82%   | 65%  | 68%  | 71%  | 74%   | 63%  | 55%  | 67%   |
| 65   | 60%   | 78%  | 66%  | 84%   | 71%  | 71%  | 72%  | 74%   | 65%  | 60%  | 69%   |
| 70   | 63%   | 80%  | 68%  | 86%   | 74%  | 74%  | 76%  | 76%   | 69%  | 63%  | 72%   |
| 75   | 66%   | 83%  | 73%  | 89%   | 78%  | 77%  | 84%  | 81%   | 73%  | 66%  | 76%   |
| 80   | 68%   | 85%  | 75%  | 91%   | 80%  | 79%  | 87%  | 84%   | 75%  | 68%  | 78%   |
| 85   | 70%   | 88%  | 78%  | 94%   | 82%  | 82%  | 93%  | 87%   | 79%  | 70%  | 82%   |
| 90   | 70%   | 89%  | 80%  | 95%   | 83%  | 84%  | 95%  | 89%   | 81%  | 70%  | 84%   |
| 95   | 74%   | 90%  | 81%  | 95%   | 85%  | 85%  | 95%  | 90%   | 81%  | 74%  | 85%   |
| 100  | 76%   | 90%  | 83%  | 96%   | 85%<br>86%   | 85%<br>87%   | 98%  | 90%   | 82%<br>84%   | 76%  | 85%<br>87%  |
| 125  | 76%<br>87%  | 91%<br>95%   | 88%  | 98%   | 93%  | 93%  | 100%   | 94%   | 92%  | 76%<br>87%   | 93%   |
| 150  | 95%   | 98%  | 95%  | 99%   | 98%  | 97%  | 100%   | 97%   | 97%  | 95%  | 97%   |
| 175  | 99%   | 100%   | 100%   | 100%  | 100%   | 100%   | 99%  | 100%  | 100%   | 100%   | 100%  |
| 200  | 99%   | 101%   | 105%   | 101%  | 101%   | 102%   | 99%  | 108%  | 104%   | 104%   | 103%  |
| 250  | 102%  | 104%   | 114%   | 103%  | 102%   | 109%   | 104%   | 123%  | 111%   | 112%   | 108%  |
| 300  | 102%  | 103%   | 120%   | 102%  | 102%   | 111%   | 106%   | 126%  | 113%   | 116%   | 110%  |
|  | 102/0   | 10370  |  |   | 103%   | 111%   | 102%   | 126%  | 111%   | 119%   | 109%  |
|  | 99%   | 100%   | 123%   |   |  |  |  |   |  |  |   |
| 350  | 99%<br>95%  | 100%<br>97%  | 123%<br>127%   | 99%<br>96%  |  |  |  |   |  |  |   |
| 350<br>400<br>500  | 95%<br>76%  | 97%<br>91%   | 123%<br>127%<br>130%   | 99%<br>96%<br>89%   | 103%<br>102%<br>97%  | 111%<br>111%<br>110%   | 95%<br>76%   | 125%<br>129%  | 109%<br>104%   | 121%<br>122%   | 108%<br>105%  |
| 350<br>400<br>500<br>Devils<br>Q   | 95%<br>76%<br>- QT 0.75 -Riffl<br>Min All   | 97%<br>91%<br>le Total<br>E. gra.  | 127%<br>130%<br>C. pro.  | 96%<br>89%<br>D. arg.   | 102%<br>97%<br>D. dia.   | 111%<br>110%<br>N. ama.  | 95%<br>76%<br>A. mex.  | 125%<br>129%<br>N. str.   | 109%<br>104%<br>L. meg.  | 121%<br>122%<br>M. sal.  | 108%<br>105%<br>C. cya.   |
| 350<br>400<br>500<br>Devils<br>Q<br>1  | 95%<br>76%<br>- QT 0.75 -Riffl<br>Min All<br>3%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%  | 127%<br>130%<br>C. pro.<br>11%   | 96%<br>89%<br>D. arg.   | 102%<br>97%<br>D. dia.<br>4%   | 111%<br>110%<br>N. ama.<br>4%  | 95%<br>76%<br>A. mex.<br>15%   | 125%<br>129%<br>N. str.<br>12%  | 109%<br>104%<br>L. meg.<br>3%  | 121%<br>122%<br>M. sal.<br>3%  | 108%<br>105%<br>C. cya.   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5   | 95%<br>76%<br>- QT 0.75 -Riffl<br>Min All<br>3%<br>5%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%  | 127%<br>130%<br>C. pro.<br>11%<br>14%  | 96%<br>89%<br>D. arg.<br>6%<br>15%  | 102%<br>97%<br>D. dia.<br>4%<br>7%   | 111%<br>110%<br>N. ama.<br>4%<br>6%  | 95%<br>76%<br>A. mex.<br>15%<br>35%  | 125%<br>129%<br>N. str.<br>12%<br>20%   | 109%<br>104%<br>L. meg.<br>3%<br>5%  | 121%<br>122%<br>M. sal.<br>3%<br>5%  | 108%<br>105%<br>C. cya.<br>4%<br>6%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5   | 95%<br>76%<br>- QT 0.75 -Riffl<br>Min All<br>3%<br>5%<br>7%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%   | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%   | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%   | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%   | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%  | 95%<br>76%<br>A. mex.<br>15%<br>35%<br>57%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%  | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10   | 95%<br>76%<br>- QT0.75 -Riffl<br>Min All<br>3%<br>5%<br>7%<br>7%  | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%  | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%  | 95%<br>76%<br>A. mex.<br>15%<br>35%<br>57%<br>66%  | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%   | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>7%  | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>7%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20   | 95%<br>76%<br>- QT 0.75 - Riffl<br>Min All<br>3%<br>5%<br>7%<br>7%<br>9%  | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%   | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%   | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%   | D. dia.  4% 7% 9% 10% 19%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%   | 95%<br>76%<br>A. mex.<br>15%<br>35%<br>57%<br>66%<br>71%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>7%<br>10%   | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>7%<br>9%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20   | 95%<br>76%<br>- QT 0.75 - Riffl<br>Min All<br>3%<br>5%<br>7%<br>7%<br>9%<br>14%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%  | D. dia.  4% 7% 9% 10% 19% 22%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%  | 95%<br>76%<br>A. mex.<br>15%<br>35%<br>57%<br>66%<br>71%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%   | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>7%<br>10%   | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>7%<br>9%<br>14%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | 95%<br>76%<br>- QT 0.75 -Riffl<br>Min All<br>3%<br>5%<br>7%<br>7%<br>9%<br>14%<br>16%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>58%   | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%  | D. dia.  4% 7% 9% 10% 19% 22% 30%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%   | 95%<br>76%<br>A. mex.<br>15%<br>35%<br>57%<br>66%<br>71%<br>75%  | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%   | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%   | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>7%<br>9%<br>14%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | 95%<br>76%<br>- QT 0.75 -Riffi<br>Min All<br>3%<br>5%<br>7%<br>7%<br>9%<br>14%<br>16%<br>23%  | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>58%<br>60%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%  | D. dia.  4% 7% 9% 10% 19% 22% 30% 32%  | N. ama.  4% 6% 7% 8% 17% 23% 27% 31%   | 95%<br>76%<br>A. mex.<br>15%<br>35%<br>57%<br>66%<br>71%<br>75%<br>79%<br>81%  | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%   | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%  | M. sal.  3% 5% 7% 9% 14% 16% 23%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | 95%<br>76%<br>- QT 0.75 -Riffi<br>Min All<br>3%<br>5%<br>7%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%   | D. dia.  4%  7%  9%  10%  19%  22%  30%  32%  35%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%   | 95%<br>76%<br>A. mex.<br>15%<br>35%<br>57%<br>66%<br>71%<br>75%<br>79%<br>81%<br>81%                                   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%   | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | 95% 76%  - QT 0.75 -Riffi Min All 3% 5% 7% 9% 14% 16% 23% 28% 32%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%   | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%<br>59%  | D. dia.  4% 7% 9% 10% 19% 22% 30% 32% 35% 37%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%  | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 79% 81% 81% 79%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%   | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%  | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 95% 76%  - QT 0.75 - Riffi Min All 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%   | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%<br>59%<br>63%   | D. dia.  4% 7% 9% 10% 19% 22% 30% 32% 35%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%   | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 78%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%   | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%<br>34%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | 95% 76%  - QT 0.75 -Riffi Min All 3% 5% 7% 9% 14% 16% 23% 28% 32%   | 97%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%   | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%<br>59%  | D. dia.  4% 7% 9% 10% 19% 22% 30% 32% 35% 37% 43%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%   | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 79% 81% 81% 79%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%   | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%  | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | 95% 76%  - QT 0.75 - Riffi Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40%  | 97%<br>91%<br>1e Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>58%<br>59%   | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%<br>59%<br>63%   | D. dia.  4% 7% 9% 10% 19% 22% 30% 32% 35% 37% 43% 45% 49%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%   | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 81% 81% 79% 88%  | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%   | 121% 122%  M. sal. 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65   | 95% 76%  - QT 0.75 -Riffl Min All 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44%  | 97%<br>91%<br>1e Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>58%<br>59%<br>65%                                    | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>66%<br>66%<br>66%<br>69%<br>69%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>53%<br>64%<br>69%<br>72%  | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%   | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>44%<br>50%   | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 78% 77% 80% 84%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%  | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%<br>34%<br>37%<br>40%<br>44%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70   | 95% 76%  - QT 0.75 -Riffl Min All 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44%  | 97%<br>91%<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>58%<br>66%   | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%   | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%<br>59%<br>63%<br>64%<br>69%<br>72%                                    | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%<br>52%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>42%<br>44%<br>50%<br>52%   | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 80% 84% 86%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>76%<br>77%<br>83%<br>83%<br>87%   | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>7%<br>10%<br>15%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%  | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%<br>34%<br>37%<br>40%<br>44%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65   | 95% 76%  - QT 0.75 -Riffl Min All 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44%  | 97%<br>91%<br>1e Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>58%<br>59%<br>65%                                    | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>69%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%<br>59%<br>63%<br>64%<br>69%<br>72%<br>81%<br>82%                      | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%<br>52%<br>55%<br>57%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>44%<br>50%<br>52%<br>55%<br>59%  | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 79% 81% 79% 81% 79% 80% 84% 86% 87%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%<br>47%<br>48%  | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%<br>34%<br>37%<br>40%<br>44%<br>46%<br>48%                                   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80   | 95% 76%  - QT 0.75 -Riffl Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53%   | 97% 91%  le Total E. gra. 5% 6% 15% 24% 28% 31% 36% 40% 45% 49% 55% 58% 66% 71% 74%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>69%  | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%<br>59%<br>64%<br>69%<br>72%<br>81%<br>82%<br>83%                      | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>45%<br>49%<br>52%<br>55%<br>57%<br>58%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>50%<br>55%<br>59%<br>61%   | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 81% 81% 79% 81% 84% 86% 87% 88%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%   | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%<br>47%<br>48%<br>53%   | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%<br>32%<br>40%<br>44%<br>46%<br>48%<br>53%                                   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | 95% 76%  - QT 0.75 -Riffl Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56%   | 97%<br>91%<br>91%<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>58%<br>66%<br>71%<br>74%                                  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>69%<br>72%                                     | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>56%<br>59%<br>64%<br>69%<br>72%<br>81%<br>82%<br>83%                      | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%<br>52%<br>55%<br>57%<br>58%   | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>44%<br>50%<br>55%<br>59%<br>61%  | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 84% 86% 87% 88% 88%   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>38%<br>41%<br>45%<br>47%<br>48%<br>53%<br>57%   | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%<br>34%<br>37%<br>40%<br>44%<br>46%<br>48%<br>53%                            | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65<br>70<br>75<br>80<br>85<br>90  | 95% 76%  - QT 0.75 -Riffi Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59%                                       | 97%<br>91%<br>1e Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>58%<br>66%<br>71%<br>74%<br>75%<br>82%               | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>72%<br>74%                                     | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>66%<br>59%<br>63%<br>64%<br>69%<br>72%<br>81%<br>82%<br>83%               | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>55%<br>57%<br>58%<br>60%<br>63%   | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>50%<br>55%<br>59%<br>61%   | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 84% 86% 87% 88% 85%  | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>91%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>445%<br>47%<br>48%<br>53%<br>57%<br>60%  | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>9%<br>14%<br>16%<br>23%<br>28%<br>32%<br>34%<br>37%<br>40%<br>44%<br>46%<br>48%<br>53%<br>56%<br>59%              | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | 95% 76%  76%  - QT 0.75 -Riffi Min All 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63%                           | 97%<br>91%<br>91%<br>le Total<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>58%<br>59%<br>66%<br>71%<br>74%<br>75%<br>82% | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>72%<br>74%<br>75%                              | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>64%<br>69%<br>72%<br>81%<br>82%<br>83%<br>84%<br>85%                      | D. dia.  4% 7% 9% 10% 19% 22% 30% 32% 35% 37% 43% 45% 49% 55% 57% 58% 60% 63%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>44%<br>50%<br>55%<br>59%<br>61%<br>67%<br>70%  | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 84% 85% 85% 85% 85% 85%                                      | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>91%<br>93%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>445%<br>47%<br>48%<br>53%<br>60%<br>63%  | 121% 122%  M. sal. 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 40% 46% 48% 53% 56% 59% 63%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65<br>70<br>75<br>80<br>85<br>90  | 95% 76%  - QT 0.75 -Riffi Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59%                                       | 97%<br>91%<br>91%<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>66%<br>66%<br>71%<br>74%<br>75%<br>82%                    | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>69%<br>72%<br>74%<br>75%<br>78%                | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>64%<br>69%<br>72%<br>81%<br>82%<br>83%<br>84%<br>85%                      | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%<br>55%<br>57%<br>58%<br>60%<br>63%<br>66%<br>67%                                      | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>42%<br>44%<br>50%<br>55%<br>59%<br>61%<br>67%<br>70%   | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 84% 86% 87% 85% 85% 85% 85%                                   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>91%<br>93%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%<br>47%<br>48%<br>57%<br>60%<br>63%<br>64%                                      | 121% 122%  M. sal. 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 55% 59% 63% 63%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%<br>72%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125   | 95% 76% 76%  - QT 0.75 - Riffi Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 55% 59% 63% 63% 73%                          | 97% 91%  1e Total E. gra. 5% 6% 15% 24% 28% 31% 36% 40% 45% 49% 55% 58% 66% 71% 74% 75% 82% 84% 85%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>69%<br>72%<br>74%<br>75%<br>78%<br>78%         | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>59%<br>63%<br>64%<br>69%<br>72%<br>81%<br>82%<br>83%<br>84%<br>85%<br>87% | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%<br>52%<br>55%<br>57%<br>60%<br>63%<br>66%<br>67%                                      | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>42%<br>44%<br>50%<br>52%<br>55%<br>59%<br>61%<br>67%<br>70%<br>72%<br>91%  | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 84% 85% 85% 85% 85% 85% 85%                                  | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>91%<br>93%<br>93%<br>96%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>41%<br>45%<br>47%<br>48%<br>53%<br>50%<br>60%<br>63%<br>64%<br>74%                         | 121%<br>122%<br>M. sal.<br>3%<br>5%<br>7%<br>7%<br>9%<br>14%<br>16%<br>23%<br>32%<br>34%<br>37%<br>40%<br>44%<br>46%<br>48%<br>53%<br>59%<br>63%<br>63%<br>73% | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%<br>72%<br>89%  |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100  | 95% 76%  76%  - QT 0.75 -Riffi Min All 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63%                           | 97%<br>91%<br>91%<br>E. gra.<br>5%<br>6%<br>15%<br>24%<br>28%<br>31%<br>36%<br>40%<br>45%<br>49%<br>55%<br>66%<br>66%<br>71%<br>74%<br>75%<br>82%                    | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>69%<br>72%<br>74%<br>75%<br>78%                | 96%<br>89%<br>D. arg.<br>6%<br>15%<br>24%<br>29%<br>35%<br>41%<br>45%<br>53%<br>64%<br>69%<br>72%<br>81%<br>82%<br>83%<br>84%<br>85%                      | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%<br>55%<br>57%<br>58%<br>60%<br>63%<br>66%<br>67%                                      | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>42%<br>44%<br>50%<br>52%<br>55%<br>59%<br>61%<br>67%<br>70%<br>72%<br>72%<br>91%                                 | 95% 76%  A. mex. 15% 35% 57% 66% 71% 75% 81% 81% 79% 84% 86% 87% 86% 85% 85% 85% 85%                                   | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>91%<br>93%  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%<br>47%<br>48%<br>57%<br>60%<br>63%<br>64%                                      | 121% 122%  M. sal. 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 55% 59% 63% 63%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%<br>72%   |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>15<br>100<br>15<br>100<br>15<br>100<br>100  | 95% 76%  - QT 0.75 -Riffl Min All 3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63% 63% 73% 85%                    | 97% 91%  E. gra.  5% 6% 15% 24% 28% 31% 36% 40% 45% 49% 555% 58% 59% 66% 71% 74% 75% 82% 84% 85% 88%   | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>66%<br>66%<br>66%<br>69%<br>69%<br>69%<br>69%<br>72%<br>72%<br>75%<br>78%<br>78%<br>78%         | 96% 89%  D. arg. 6% 15% 24% 29% 35% 41% 45% 53% 64% 69% 72% 81% 82% 83% 84% 85% 87% 88% 94% 98%   | D. dia.  4% 7% 9% 10% 19% 22% 30% 32% 35% 37% 43% 45% 49% 55% 57% 58% 60% 63% 66% 67% 91%  | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>42%<br>44%<br>50%<br>52%<br>55%<br>59%<br>61%<br>67%<br>70%<br>72%<br>91%  | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 84% 85% 85% 85% 85% 85% 85%                                  | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>89%<br>89%<br>89%<br>89  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%<br>47%<br>48%<br>53%<br>53%<br>60%<br>63%<br>64%<br>74%<br>95%           | 121% 122%  M. sal.  3% 5% 7% 7% 9% 14% 16% 23% 32% 34% 37% 40% 44% 46% 48% 53% 59% 63% 73% 95%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%<br>72%<br>89%<br>94%                                 |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>100<br>15<br>15<br>100<br>15<br>15<br>100<br>15<br>100<br>15<br>100<br>15<br>100<br>100  | 95% 76%  - QT 0.75 -Riffl Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63% 63% 73% 85% 100%                  | 97% 91%  E. gra.  5% 6% 15% 24% 28% 31% 36% 40% 45% 45% 45% 49% 55% 66% 71% 74% 75% 82% 84% 85% 88% 94% 100%   | 127% 130%  C. pro.  11% 14% 31% 45% 52%  54% 68% 60% 62% 66% 68% 69% 69% 72% 74% 75% 78% 78% 85% 100%  | 96% 89%  D. arg. 6% 15% 24% 29% 35% 41% 45% 53% 56% 63% 64% 69% 72% 81% 82% 83% 84% 85% 87% 88% 94% 98% 100%  | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>35%<br>45%<br>49%<br>52%<br>55%<br>57%<br>58%<br>60%<br>63%<br>66%<br>67%<br>91%                               | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>44%<br>50%<br>52%<br>55%<br>59%<br>61%<br>67%<br>70%<br>72%<br>91%<br>95%<br>100%                  | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 79% 81% 81% 77% 80% 84% 86% 87% 85% 85% 85% 85% 85% 85% 85%                  | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>76%<br>77%<br>83%<br>83%<br>89%<br>89%<br>89%<br>89%<br>89%<br>89%<br>91%<br>93%<br>96%<br>96%<br>100%                  | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%<br>47%<br>48%<br>57%<br>60%<br>63%<br>64%<br>74%<br>95%<br>100%          | 121% 122%  M. sal.  3% 5% 7% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 63% 73% 95% 100%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%<br>72%<br>89%<br>94%<br>100%                         |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>20<br>25<br>25<br>20<br>25<br>25<br>20<br>25<br>20<br>25<br>20<br>25<br>20<br>25<br>25<br>20<br>25<br>25<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26 | 95% 76%  76%  - QT 0.75 - Riffl Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63% 63% 63% 73% 85% 100% 97%    | 97% 91%  1e Total E. gra. 5% 6% 15% 24% 28% 31% 36% 40% 45% 49% 55% 66% 71% 74% 75% 82% 84% 85% 88% 94% 100% 102%  | 127%<br>130%<br>C. pro.<br>11%<br>14%<br>31%<br>45%<br>52%<br>54%<br>60%<br>62%<br>66%<br>68%<br>69%<br>69%<br>69%<br>72%<br>74%<br>75%<br>78%<br>78%<br>85%<br>100% | 96% 89%  D. arg. 6% 15% 24% 29% 35% 41% 45% 53% 56% 63% 64% 69% 72% 81% 82% 83% 84% 85% 87% 88% 94% 98% 100% 97%  | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>45%<br>49%<br>52%<br>55%<br>57%<br>58%<br>60%<br>63%<br>66%<br>67%<br>91%<br>94%<br>100%                | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>50%<br>55%<br>59%<br>61%<br>67%<br>70%<br>72%<br>91%<br>95%<br>100%                                | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 88% 85% 88% 85% 85% 85% 85% 85% 85% 85                       | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>89%<br>89%<br>91%<br>93%<br>96%<br>100%<br>100%<br>100%<br>100% | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%<br>47%<br>48%<br>53%<br>57%<br>60%<br>63%<br>64%<br>74%<br>95%<br>100%<br>100% | 121% 122%  M. sal.  3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 63% 63% 73% 95% 100% 103%  | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%<br>72%<br>89%<br>94%<br>100%<br>110%                 |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>90<br>125<br>100<br>15<br>20<br>25<br>20<br>25<br>20<br>25<br>20<br>25<br>20<br>25<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20   | 95% 76%  76%  - QT 0.75 -Riffl Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63% 63% 63% 73% 85% 100% 97% 90% | 97% 91%  91%  E. gra. 5% 6% 15% 24% 28% 31% 36% 40% 45% 49% 55% 66% 71% 74% 75% 82% 84% 85% 88% 94% 100% 102% 100%   | 127% 130%  C. pro.  11% 14% 31% 45% 52% 54% 58% 60% 62% 66% 69% 69% 69% 72% 75% 78% 78% 78% 78% 78% 78% 78% 78% 78% 78   | 96% 89%  D. arg. 6% 15% 24% 29% 35% 41% 45% 53% 56% 59% 64% 69% 72% 81% 82% 83% 84% 85% 87% 88% 94% 98% 100% 97%  | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%<br>52%<br>55%<br>57%<br>58%<br>60%<br>66%<br>66%<br>67%<br>91%<br>94%<br>100%         | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>50%<br>55%<br>59%<br>61%<br>67%<br>70%<br>72%<br>91%<br>95%<br>100%<br>103%<br>111%                | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 79% 81% 81% 79% 84% 86% 87% 85% 85% 85% 85% 85% 85% 85% 85% 85% 85           | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>89%<br>91%<br>93%<br>96%<br>96%<br>100%<br>104%<br>133%         | 109%<br>104%<br>L. meg.<br>3%<br>5%<br>7%<br>10%<br>15%<br>16%<br>23%<br>29%<br>33%<br>35%<br>38%<br>41%<br>45%<br>47%<br>48%<br>53%<br>57%<br>60%<br>63%<br>64%<br>74%<br>95%<br>100%<br>101% | 121% 122%  M. sal.  3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63% 63% 73% 95% 100% 103% 118%   | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%<br>72%<br>89%<br>94%<br>100%<br>110%                 |
| 350<br>400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>10  | 95% 76%  76%  - QT 0.75 -Riffl Min All 3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63% 63% 73% 85% 100% 97% 90% 85% | 97% 91%  91%  E. gra. 5% 6% 15% 24% 28% 31% 36% 40% 45% 49% 55% 58% 59% 66% 71% 74% 75% 82% 84% 85% 88% 94% 100% 102% 100% 96%                                       | 127% 130%  C. pro.  11% 14% 31% 45% 52% 54% 58% 60% 62% 66% 68% 69% 69% 69% 72% 74% 75% 78% 78% 78% 78% 78% 100% 107% 115% 117%                                      | 96% 89%  D. arg. 6% 15% 24% 29% 35% 41% 45% 53% 56% 59% 63% 64% 69% 72% 81% 82% 83% 84% 85% 87% 88% 94% 98% 100% 97% 90% 85%                              | 102%<br>97%<br>D. dia.<br>4%<br>7%<br>9%<br>10%<br>19%<br>22%<br>30%<br>32%<br>35%<br>37%<br>43%<br>45%<br>49%<br>52%<br>55%<br>57%<br>58%<br>60%<br>63%<br>66%<br>67%<br>91%<br>94%<br>100%<br>100% | 111%<br>110%<br>N. ama.<br>4%<br>6%<br>7%<br>8%<br>17%<br>23%<br>27%<br>31%<br>33%<br>37%<br>42%<br>44%<br>50%<br>55%<br>59%<br>61%<br>67%<br>70%<br>72%<br>91%<br>95%<br>100%<br>103%<br>111%<br>113% | 95% 76%  A. mex.  15% 35% 57% 66% 71% 75% 79% 81% 81% 78% 84% 86% 87% 85% 85% 85% 85% 85% 85% 85% 98% 100% 98% 91% 96% | 125%<br>129%<br>N. str.<br>12%<br>20%<br>23%<br>38%<br>46%<br>62%<br>65%<br>72%<br>76%<br>77%<br>83%<br>83%<br>87%<br>88%<br>89%<br>89%<br>89%<br>91%<br>93%<br>93%<br>96%<br>96%<br>100%<br>104%<br>133%<br>129% | 109% 104%  L. meg. 3% 5% 7% 10% 15% 16% 23% 29% 33% 35% 38% 41% 45% 47% 48% 53% 60% 63% 64% 74% 95% 100% 101% 115% 128%  | 121% 122%  M. sal.  3% 5% 7% 9% 14% 16% 23% 28% 32% 34% 37% 40% 44% 46% 48% 53% 56% 59% 63% 63% 73% 95% 100% 103% 118% 133%                                    | 108%<br>105%<br>C. cya.<br>4%<br>6%<br>8%<br>13%<br>18%<br>26%<br>29%<br>32%<br>35%<br>41%<br>43%<br>46%<br>51%<br>52%<br>58%<br>57%<br>59%<br>62%<br>64%<br>66%<br>72%<br>89%<br>94%<br>100%<br>110%<br>120%<br>121% |

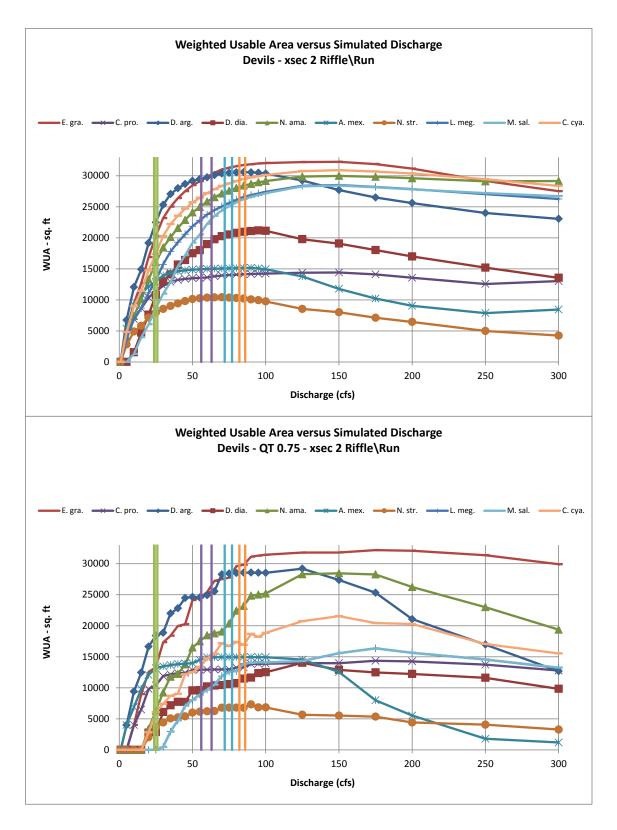


Figure 11-3 Weighted usable area versus simulated discharge at Devils River (Riffle 1).

Table 11-3 Percent of maximum WUA versus simulated discharge at Devils River (Riffle 1).

| Q  | Min All   | \Run<br>E. gra.   | C. pro.  | D. arg.  | D. dia.   | N. ama.  | A. mex.   | N. str.  | L. meg.  | M. sal.   | C. cya   |
|--|---|---|--|--|---|--|---|--|--|---|--|
| 1  | 0%  | 0%  | 0%   | 0%   | 0%  | 0%   | 0%  | 0%   | 0%   | 0%  | 0%   |
| 5  | 0%  | 16%   | 29%  | 22%  | 0%  | 13%  | 35%   | 27%  | 13%  | 0%  | 16%  |
| 10   | 5%  | 29%   | 48%  | 39%  | 7%  | 25%  | 61%   | 47%  | 24%  | 5%  | 29%  |
| 15   | 14%   | 39%   | 60%  | 49%  | 22%   | 34%  | 72%   | 56%  | 30%  | 14%   | 37%  |
| 20   | 21%   | 52%   | 72%  | 63%  | 36%   | 44%  | 80%   | 69%  | 39%  | 21%   | 48%  |
| 25   | 30%   | 63%   | 79%  | 74%  | 51%   | 54%  | 85%   | 76%  | 46%  | 30%   | 56%  |
| 30   | 39%   | 72%   | 85%  | 83%  | 62%   | 61%  | 92%   | 82%  | 55%  | 39%   | 66%  |
| 35   | 45%   | 78%   | 89%  | 88%  | 67%   | 67%  | 95%   | 87%  | 62%  | 45%   | 72%  |
| 40   | 54%   | 82%   | 92%  | 91%  | 74%   | 72%  | 96%   | 91%  | 68%  | 54%   | 76%  |
| 45   | 60%   | 85%   | 93%  | 94%  | 77%   | 76%  | 97%   | 94%  | 72%  | 60%   | 80%  |
| 50   | 68%   | 88%   | 94%  | 95%  | 83%   | 80%  | 98%   | 97%  | 77%  | 68%   | 83%  |
| 55   | 72%   | 90%   | 94%  | 96%  | 85%   | 83%  | 99%   | 98%  | 80%  | 72%   | 86%  |
| 60   | 78%   | 92%   | 95%  | 97%  | 89%   | 86%  | 99%   | 99%  | 83%  | 78%   | 88%  |
| 65   | 83%   | 94%   | 96%  | 98%  | 93%   | 88%  | 99%   | 100%   | 86%  | 83%   | 90%  |
| 70   | 86%   | 96%   | 97%  | 99%  | 96%   | 90%  | 99%   | 100%   | 88%  | 86%   | 92%  |
| 75   | 88%   | 97%   | 97%  | 100%   | 97%   | 92%  | 100%  | 99%  | 90%  | 88%   | 93%  |
| 80   | 91%   | 98%   | 98%  | 100%   | 98%   | 93%  | 100%  | 99%  | 92%  | 91%   | 94%  |
| 85   | 92%   | 98%   | 98%  | 100%   | 99%   | 95%  | 100%  | 98%  | 93%  | 92%   | 95%  |
| 85<br>90   | 94%   | 98%   |  | 100%   | 100%  |  | 100%  | 98%  | 93%  | 94%   | 95%  |
|  |   |   | 98%  |  |   | 96%  |   |  |  |   |  |
| 95   | 95%   | 99%   | 99%  | 100%   | 100%  | 97%  | 99%   | 95%  | 95%  | 95%   | 97%  |
| 100  | 94%   | 99%   | 99%  | 99%  | 100%  | 97%  | 99%   | 94%  | 96%  | 96%   | 97%  |
| 125  | 82%   | 100%  | 100%   | 96%  | 93%   | 100%   | 91%   | 82%  | 100%   | 100%  | 100%   |
| 150  | 77%   | 100%  | 100%   | 91%  | 90%   | 100%   | 78%   | 77%  | 100%   | 100%  | 1009   |
| 175  | 67%   | 99%   | 98%  | 87%  | 85%   | 100%   | 67%   | 68%  | 99%  | 99%   | 99%  |
| 200  | 60%   | 97%   | 94%  | 84%  | 80%   | 99%  | 60%   | 62%  | 98%  | 98%   | 98%  |
| 250  | 48%   | 90%   | 87%  | 78%  | 72%   | 97%  | 52%   | 48%  | 95%  | 96%   | 95%  |
| 300  | 41%   | 85%   | 90%  | 75%  | 64%   | 97%  | 56%   | 41%  | 92%  | 94%   | 92%  |
| 350  | 33%   | 79%   | 94%  | 72%  | 57%   | 96%  | 57%   | 33%  | 86%  | 92%   | 86%  |
|  |   |   |  |  |   |  |   |  |  |   |  |
| 500<br>evils   |   | 78%<br>79%<br>ec 2 Riffle\Run   | 103%<br>124%   | 73%<br>76%   | 55%<br>39%  | 94%<br>93%   | 59%<br>61%  | 36%<br>49%   | 83%<br>77%   | 95%<br>91%  | 86%<br>85%   |
| 500<br>evils<br>Q  | 39%<br>- QT 0.75 - xse<br>Min All   | 79%<br>ec 2 Riffle\Run<br>E. gra.   | 124%<br>C. pro.  | <b>76%</b> D. arg.   | 39%<br>D. dia.  | 93%<br>N. ama.   | 61%<br>A. mex.  | 49%<br>N. str.   | 77%<br>L. meg.   | 91%<br>M. sal.  | 85%<br>C. cya  |
| evils<br>Q<br>1  | 39%<br>- QT 0.75 - xse<br>Min All<br>0%   | 79% ec 2 Riffle\Run E. gra. 0%  | C. pro.  | 76%  D. arg. 0%  | 39%<br>D. dia.<br>0%  | 93%<br>N. ama.<br>0%   | A. mex.<br>0%   | 49%<br>N. str.<br>0%   | 77%  L. meg.  0%   | 91%<br>M. sal.<br>0%  | C. cya   |
| Q<br>1<br>5  | 39%<br>- QT 0.75 - xse<br>Min All<br>0%<br>0%   | 79% ec 2 Riffle\Run E. gra. 0% 0%   | C. pro.<br>0%<br>0%  | 76%  D. arg.  0%  14%  | 39%  D. dia.  0%  0%  | 93%  N. ama.  0%  0%   | A. mex.<br>0%<br>27%  | 49%<br>N. str.<br>0%<br>0%   | 77%  L. meg.  0%  0%   | 91%  M. sal.  0%  0%  | C. cya<br>0%<br>0%   |
| evils<br>Q<br>1<br>5   | 39% - QT 0.75 - xse Min All 0% 0% 0%  | 79% ec 2 Riffle\Run E. gra. 0% 0% 12%   | C. pro.<br>0%<br>0%<br>28%   | 76%  D. arg. 0% 14% 32%  | D. dia. 0% 0% 0%  | 93%  N. ama.  0%  0%  0%   | A. mex.<br>0%<br>27%<br>46%   | N. str.<br>0%<br>0%<br>0%  | 77%  L. meg.  0%  0%  0%   | 91%  M. sal.  0%  0%  0%  | C. cya<br>0%<br>0%<br>0%   |
| evils<br>Q<br>1<br>5<br>10   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0%   | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28%   | C. pro.<br>0%<br>0%<br>28%<br>45%  | 76%  D. arg.  0%  14%  32%  43%  | 39%  D. dia.  0%  0%  0%  0%  0%  | 93%  N. ama.  0%  0%  0%  0%   | 61%  A. mex.  0%  27%  46%  66%   | N. str. 0% 0% 0% 0%  | 77%  L. meg.  0%  0%  0%  0%   | 91%  M. sal.  0%  0%  0%  0%  | C. cya<br>0%<br>0%<br>0%<br>0%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0%   | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39%   | C. pro. 0% 0% 28% 45% 68%  | 76%  D. arg.  0%  14%  32%  43%  57%   | 39%  D. dia.  0%  0%  0%  0%  20%   | 93%  N. ama.  0% 0% 0% 0% 12%  | A. mex.  0% 27% 46% 66% 81%   | N. str. 0% 0% 0% 0% 28%  | 77%  L. meg.  0%  0%  0%  0%  0%   | 91%  M. sal.  0%  0%  0%  0%  0%  | C. cya<br>0%<br>0%<br>0%<br>0%<br>0%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 0%  | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41%   | C. pro.  0%  0%  28%  45%  68%  72%  | D. arg. 0% 14% 32% 43% 57% 63%   | D. dia.  0% 0% 0% 0% 20%  | 93%  N. ama.  0%  0%  0%  0%  12%  22%   | A. mex.  0% 27% 46% 66% 81% 88%   | N. str.<br>0%<br>0%<br>0%<br>0%<br>28%<br>50%  | L. meg.<br>0%<br>0%<br>0%<br>0%<br>0%  | 91%  M. sal.  0%  0%  0%  0%  0%  0%  | C. cya<br>0%<br>0%<br>0%<br>0%<br>13%<br>28%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 0% 3%   | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 54%   | C. pro.<br>0%<br>0%<br>28%<br>45%<br>68%<br>72%  | 76%  D. arg. 0% 14% 32% 43% 57% 63%  | D. dia.<br>0%<br>0%<br>0%<br>0%<br>20%<br>20%<br>43%  | 93%  N. ama.  0%  0%  0%  12%  22%  33%  | A. mex. 0% 27% 46% 66% 81% 88%  | N. str.<br>0%<br>0%<br>0%<br>28%<br>50%  | 77%  L. meg. 0% 0% 0% 0% 0% 0% 3%  | 91%  M. sal.  0%  0%  0%  0%  0%  3%  | C. cya<br>0%<br>0%<br>0%<br>0%<br>13%<br>28%<br>34%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 0% 18%  | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 54% 57%   | C. pro.<br>0%<br>0%<br>28%<br>45%<br>68%<br>72%<br>83%<br>85%  | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75%  | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%   | A. mex.  0%  27%  46%  66%  81%  88%  90%  91%  | N. str.<br>0%<br>0%<br>0%<br>28%<br>50%<br>60%<br>69%  | 77%  L. meg.  0%  0%  0%  0%  0%  0%  18%  | 91%  M. sal.  0%  0%  0%  0%  0%  0%  18%   | C. cya<br>0%<br>0%<br>0%<br>13%<br>28%<br>34%<br>40%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 18% 29%   | 79% ec 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62%  | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%   | 76%  D. arg.  0%  14%  32%  43%  57%  63%  65%  75%  78%   | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%   | 93%  N. ama.  0%  0%  0%  0%  12%  22%  33%  41%  43%  | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92%   | N. str.  0% 0% 0% 0% 28% 50% 60% 69% 71%   | 77%  L. meg.  0%  0%  0%  0%  0%  18%  29%   | 91%  M. sal.  0%  0%  0%  0%  0%  40%  18%  29%   | C. cya<br>0%<br>0%<br>0%<br>0%<br>13%<br>28%<br>40%<br>42%   |
| evils Q 1 5 10 15 20 25 30 35 40 45  | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 44%   | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 54% 57% 62% 63%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  | 76%  D. arg.  0%  14%  32%  43%  57%  63%  65%  75%  78%  84%  | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%   | 93%  N. ama.  0%  0%  0%  0%  12%  22%  33%  41%  43%  48%   | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93%   | 49%  N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%   | 77%  L. meg.  0%  0%  0%  0%  0%  18%  29%  44%  | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%   | C. cya 0% 0% 0% 0% 13% 28% 34% 40% 42%   |
| evils Q 1 5 10 15 20 25 30 35 40 45  | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 44% 44% 49%   | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%   | 76%  D. arg.  0%  14%  32%  43%  57%  63%  65%  75%  78%  84%  | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  | 93%  N. ama.  0%  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  | A. mex.  0%  27%  46%  66%  81%  88%  90%  91%  92%  93%  93%                           | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%   | 77%  L. meg.  0%  0%  0%  0%  0%  18%  29%  44%  49%   | 91%  M. sal.  0%  0%  0%  0%  0%  18%  29%  44%  49%  | C. cya 0% 0% 0% 0% 13% 28% 34% 40% 42% 57% 58%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 39% -QT 0.75 - xse Min All 0% 0% 0% 0% 0% 3% 18% 29% 44% 49%  | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%   | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75% 78% 84% 84%  | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%   | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  62%   | A. mex.  0%  27%  46%  66%  81%  90%  91%  92%  93%  93%  97%                           | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  84%  | 77%  L. meg.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  | C. cya<br>0%<br>0%<br>0%<br>0%<br>13%<br>28%<br>34%<br>40%<br>42%<br>57%<br>58%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 39% -QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 44% 49% 54% 59%  | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 57% 62% 63% 75% 76% 79%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75% 84% 84% 84% 85%  | D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%   | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  62%  65%  | A. mex.  0%  27%  46%  66%  81%  88%  90%  91%  92%  93%  93%  97%  100%                | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  84%  85%   | 77%  L. meg.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%   | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  | C. cya<br>0%<br>0%<br>0%<br>13%<br>28%<br>34%<br>40%<br>57%<br>58%<br>62%  |
| evils Q<br>1 5 10<br>15 20<br>25 30<br>35 40<br>45 50<br>55 60   | 39% -QT 0.75 - xse Min All 0% 0% 0% 0% 0% 3% 18% 29% 44% 49%  | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%   | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75% 78% 84% 84%  | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%   | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  62%   | A. mex.  0%  27%  46%  66%  81%  90%  91%  92%  93%  93%  97%                           | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  84%  | 77%  L. meg.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  | C. cya<br>0%<br>0%<br>0%<br>13%<br>28%<br>34%<br>40%<br>57%<br>58%<br>62%  |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 55 60 65  | 39% -QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 44% 49% 54% 59%  | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 57% 62% 63% 75% 76% 79%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75% 84% 84% 84% 85%  | D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%   | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  62%  65%  | A. mex.  0%  27%  46%  66%  81%  88%  90%  91%  92%  93%  93%  97%  100%                | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  84%  85%   | 77%  L. meg.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%   | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  | C. cys<br>0%<br>0%<br>0%<br>13%<br>28%<br>34%<br>40%<br>57%<br>58%<br>62%<br>68%<br>72%  |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 55 60 665 70  | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 44% 49% 54% 59% 64%   | 79% ec 2 Riffle\Run E. gra. 0% 0% 12% 28% 39% 41% 57% 62% 63% 75% 76% 79% 85%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%                                     | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 84% 85% 87%  | D. dia.  0%  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  62%  65%  66%   | A. mex.  0%  27%  46%  81%  88%  90%  91%  92%  93%  93%  97%  100%                     | N. str. 0% 0% 0% 0% 28% 50% 60% 69% 71% 74% 82% 84% 85%  | 77%  L. meg.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  | 91%  M. sal.  0%  0%  0%  0%  0%  18%  29%  44%  49%  54%  59%  64%   | C. cys<br>0%<br>0%<br>0%<br>13%<br>28%<br>34%<br>40%<br>57%<br>58%<br>62%<br>68%<br>72%  |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75  | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 0% 44% 49% 54% 59% 64% 67%   | 79%  ec 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%                                | D. arg.  0% 14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 85% 87% 97%  | D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  | 93%  N. ama.  0%  0%  0%  12%  22%  41%  43%  48%  58%  62%  65%  66%  67%   | A. mex.  0%  27%  46%  81%  88%  90%  91%  92%  93%  93%  100%  100%                    | N. str. 0% 0% 0% 0% 28% 50% 60% 69% 71% 74% 82% 84% 85% 93%  | 77%  L. meg.  0%  0%  0%  0%  0%  18%  29%  44%  49%  54%  59%  64%  73%   | 91%  M. sal.  0%  0%  0%  0%  0%  18%  29%  44%  49%  54%  59%  64%  73%  | 85%  C. cya  0%  0%  0%  13%  28%  34%  40%  42%  57%  58%  62%  80%  78%  |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 3% 18% 29% 44% 49% 54% 59% 64% 67% 72%   | 79%  ac 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  90%  90%  90%  90%  90%                                | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 84% 85% 87% 97%  | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  76%  | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  66%  66%  67%  72%  | A. mex.  0%  27%  46%  81%  88%  90%  91%  92%  93%  97%  100%  100%                    | N. str. 0% 0% 0% 0% 28% 50% 60% 69% 71% 74% 82% 84% 85% 85% 93%  | 177%  L. meg. 0% 0% 0% 0% 0% 18% 29% 44% 49% 54% 59% 64% 73%   | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  73%  | 85%  C. cya  0%  0%  0%  13%  28%  34%  40%  42%  57%  58%  62%  68%  72%  80%  78%  81%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 3% 18% 29% 44% 49% 54% 67% 72% 77%   | 79%  2c 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92%   | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  92%                           | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 85% 87% 97% 97%  | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  76%  77%   | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  66%  67%  72%  79%  | A. mex.  0%  27%  46%  66%  81%  88%  90%  91%  92%  93%  100%  100%  100%              | N. str. 0% 0% 0% 0% 28% 50% 60% 69% 71% 74% 82% 84% 85% 93% 93%  | 1. meg. 0% 0% 0% 0% 0% 0% 18% 29% 44% 49% 54% 59% 64% 73% 77% 78%  | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  73%  77%  78%  | 85%  C. cya 0% 0% 0% 13% 28% 34% 40% 42% 57% 58% 62% 68% 72% 80% 78% 81%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90   | 39% - QT 0.75 - xse Min All 0% 0% 0% 0% 0% 3% 18% 29% 44% 49% 54% 667% 72% 77%  | 79% ec 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92%  | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  90%  93%                      | 76%  D. arg.  0%  14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 85% 87% 97% 97% 98%                                    | 39%  D. dia.  0%  0%  0%  20%  22%  43%  51%  55%  68%  69%  73%  74%  76%  77%  82%  | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  65%  66%  67%  72%  79%  82%  | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93% 100% 100% 100%                          | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  85%  85%  93%  93%   | 1. meg. 0% 0% 0% 0% 0% 0% 18% 29% 44% 49% 59% 644% 73% 77% 78%   | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  73%  77%  78%  85%   | 85%  C. cya 0% 0% 0% 13% 28% 34% 40% 42% 57% 58% 62% 68% 72% 80% 78% 81%   |
| evils Q 1 5 110 115 220 225 330 35 440 45 550 665 770 775 880 885 990 995  | 39%  - QT 0.75 - xse  Min All  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  67%  72%  77%  79%  83%  85%                              | 79% ec 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97%                                    | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  90%  90%  90%  9              | 76%  D. arg.  0%  14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 84% 89% 99%  | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  74%  74%  76%  77%  82%  83%  88%                                     | 93%  N. ama.  0%  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  66%  66%  67%  72%  79%  82%  87%                                     | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93% 91% 100% 100% 100% 100% 100%            | 49%  N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  84%  85%  93%  93%  93%  93%  93%  93%                | 77%  L. meg.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  54%  77%  78%  85%  86%                           | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  54%  77%  78%  85%  86%  | C. cya<br>0%<br>0%<br>0%<br>0%<br>13%<br>28%<br>40%<br>42%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 77 75 80 85 90 95  | 39%  - QT 0.75 - xse  Min All  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  67%  72%  77%  79%  83%  85%  86%                         | 79% ec 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97% 98%                                | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  90%  90%  90%  9              | 76%  D. arg.  0%  14%  32%  43%  57%  63%  65%  75%  78%  84%  84%  84%  89%  97%  97%  98%  98%  98%            | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  76%  77%  82%  83%  88%  89%                           | 93%  N. ama.  0%  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  66%  66%  67%  72%  79%  82%  87%  88%  89%                           | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93% 91% 100% 100% 100% 100% 100%            | 49%  N. str.  0%  0%  0%  0%  28%  50%  69%  71%  74%  82%  84%  85%  93%  93%  93%  93%  93%  93%                     | 1. meg. 0% 0% 0% 0% 0% 0% 3% 18% 29% 44% 49% 54% 59% 64% 73% 77% 78% 85% 86%                                     | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  73%  77%  78%  85%  86%  86%                                     | C. cya 0% 0% 0% 0% 13% 28% 40% 42% 57% 58% 62% 80% 72% 80% 78% 81%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125  | 39%  - QT 0.75 - xse  Min All  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  77%  79%  83%  85%  86%  77%                              | 79% ec 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97% 98%                                | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  90%  90%  90%  9              | 76%  D. arg.  0%  14%  32%  43%  57%  63%  65%  75%  78%  84%  84%  84%  89%  97%  98%  98%  98%  98%  98%  100% | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  76%  77%  82%  83%  88%  89%  100%                     | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  66%  66%  67%  72%  79%  82%  87%  88%  89%  99%                          | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93% 100% 100% 100% 100% 100% 100% 100% 10   | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  84%  85%  93%  93%  93%  93%  93%  77%                     | 1. meg. 0% 0% 0% 0% 0% 0% 3% 18% 29% 44% 49% 54% 59% 64% 73% 778% 85% 86% 86% 86%                                | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  73%  78%  85%  86%  86%  86%  88%                                | C. cys<br>0%<br>0%<br>0%<br>0%<br>13%<br>28%<br>34%<br>40%<br>42%<br>57%<br>58%<br>62%<br>68%<br>72%<br>80%<br>78%<br>81%<br>79%<br>85%<br>87%             |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 66 60 65 770 75 80 85 90 95 100 125 150   | 39%  - QT 0.75 - xse  Min All  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  77%  79%  83%  85%  86%  77%  75%                         | 79% ec 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97% 99% 99%                            | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  90%  90%  90%  9              | 76%  D. arg.  0% 14% 32% 43% 57% 63% 65% 78% 84% 84% 85% 87% 97% 98% 98% 98% 98% 98% 98% 98% 98%                 | 39%  D. dia.  0% 0% 0% 20% 20% 43% 51% 55% 68% 69% 73% 74% 76% 77% 82% 83% 88% 89% 100% 92%                                   | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  43%  48%  58%  66%  67%  72%  79%  82%  82%  88%  89%  99%  100%                    | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93% 100% 100% 100% 100% 100% 100% 100% 10   | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  84%  85%  93%  93%  93%  93%  93%  77%  75%                | 177%  L. meg.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  73%  78%  85%  86%  86%  86%  86%  88% | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  73%  78%  85%  86%  86%  86%  86%                                | C. cya<br>0%<br>0%<br>0%<br>0%<br>13%<br>28%<br>40%<br>42%<br>57%<br>58%<br>62%<br>68%<br>72%<br>80%<br>78%<br>81%<br>79%<br>85%<br>87%<br>96%<br>1009     |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 99 90 99 1100 1125  | 39%  - QT 0.75 - xse  Min All  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  67%  72%  77%  79%  83%  85%  86%  77%  75%  53%          | 79%  ac 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97% 97% 98% 99% 100%                  | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  90%  90%  90%  90%  90%  90%  90%  9                   | 76%  D. arg. 0% 14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 84% 85% 87% 97% 98% 98% 98% 98% 98% 98% 98% 98% 98%      | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  76%  77%  82%  83%  88%  89%  100%  92%  89%           | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  66%  67%  72%  79%  82%  87%  88%  89%  99%  100%  99%                    | A. mex.  0% 27% 46% 81% 88% 90% 91% 92% 93% 93% 100% 100% 100% 100% 100% 100% 100% 10   | 49%  N. str.  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  84%  85%  93%  93%  93%  93%  93%  77%  75%  73%          | 1. meg. 0% 0% 0% 0% 0% 0% 18% 29% 44% 49% 54% 59% 64% 73% 77% 788% 85% 86% 86% 86% 86%                           | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  73%  77%  78%  85%  86%  86%  86%  86%  86%  88%                 | 85%  C. cya  0%  0%  0%  13%  28%  34%  40%  42%  57%  58%  62%  80%  78%  81%  79%  85%  87%  86%  1009  95%  |
| soo evils Q 1 1 5 10 115 20 25 30 35 440 45 50 65 70 75 80 125 150 125 150 175 200   | 39%  - QT 0.75 - xse Min All  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  67%  72%  77%  79%  83%  85%  86%  77%  75%  53%  37%                | 79%  2c 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97% 97% 98% 99% 100% 100%             | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  90%  90%  90%  9              | 76%  D. arg.  0%  14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 85% 89% 97% 98% 98% 98% 98% 98% 98% 98% 98% 98%        | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  76%  77%  82%  83%  88%  89%  100%  92%  89%  87%      | 93%  N. ama.  0%  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  65%  66%  67%  72%  79%  82%  88%  89%  99%  100%  99%  92%           | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93% 100% 100% 100% 100% 100% 100% 100% 10   | N. str. 0% 0% 0% 0% 28% 50% 60% 69% 71% 74% 82% 84% 85% 93% 93% 93% 93% 93% 93% 100% 93% 77% 75% 73% 60%               | 1. meg. 0% 0% 0% 0% 0% 0% 18% 29% 44% 49% 54% 59% 64% 73% 77% 78% 85% 86% 86% 86% 86% 86% 86% 86%                | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  55%  64%  73%  77%  78%  85%  86%  86%  86%  86%  86%  86%  95%  100%  96% | 85%  C. cya 0% 0% 0% 0% 13% 28% 34% 40% 42% 57% 58% 62% 68% 72% 80% 78% 81% 79% 85% 87% 87% 87% 85% 87% 87% 87% 85% 87% 87% 87% 87% 87% 87% 87% 87% 87% 87 |
| soo evils Q 1 1 5 10 115 20 25 30 35 440 45 50 665 770 775 880 995 1100 1125 1150 1175 200 11 | 39%  - QT 0.75 - xse Min All  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  67%  72%  77%  79%  83%  85%  86%  77%  75%  53%  37%  12% | 79%  ac 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97% 97% 98% 99% 100% 100% 97%         | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  90%  90%  90%  9              | 76%  D. arg.  0%  14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 85% 87% 97% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98     | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  76%  77%  82%  83%  88%  89%  100%  92%  89%  87%  83% | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  65%  66%  67%  72%  79%  82%  87%  88%  89%  99%  100%  99%  92%  81%     | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93% 100% 100% 100% 100% 100% 100% 100% 10   | 49%  N. str. 0% 0% 0% 0% 28% 50% 60% 69% 71% 74% 82% 84% 85% 93% 93% 93% 93% 93% 93% 93% 93% 93% 93                    | 1. meg. 0% 0% 0% 0% 0% 0% 18% 29% 44% 49% 54% 59% 64% 73% 77% 78% 85% 86% 86% 86% 86% 88% 95% 100% 96%           | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  55%  64%  77%  78%  85%  86%  86%  86%  86%  88%  95%  100%  96%  89%      | 85%  C. cya 0% 0% 0% 0% 13% 28% 344 40% 42% 57% 58% 62% 68% 80% 78% 81% 79% 85% 87% 96% 94% 79%  |
| evils Q 1 5 10 15 10 25 30 35 40 45 50 66 67 77 80 85 90 125 100 125 150 175 200 250 300   | 39%  - QT 0.75 - xse Min All  0% 0% 0% 0% 0% 3% 18% 29% 44% 49% 54% 59% 64% 67% 72% 77% 79% 83% 85% 86% 77% 75% 53% 37% 12% 8%                      | 79%  2c 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97% 97% 98% 99% 99% 100% 100% 97% 93% | C. pro.  0% 0% 28% 45% 68% 72% 83% 85% 86% 87% 90% 90% 90% 90% 97% 97% 97% 97% 97% 97% 97% 98% 99% 99% 99% | 76%  D. arg.  0%  14% 32% 43% 57% 63% 65% 78% 84% 84% 84% 84% 85% 87% 97% 98% 98% 98% 98% 98% 98% 98% 43% 43%    | 39%  D. dia.  0%  0%  0%  20%  22%  43%  51%  55%  68%  69%  73%  74%  76%  77%  82%  83%  88%  100%  92%  89%  87%  83%  70% | 93%  N. ama.  0%  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  65%  66%  67%  72%  79%  82%  87%  88%  99%  100%  99%  99%  81%  68% | A. mex.  0% 27% 46% 66% 811% 88% 90% 91% 92% 93% 91% 100% 100% 100% 100% 100% 100% 100% | N. str.  0%  0%  0%  0%  28%  50%  60%  69%  71%  74%  82%  85%  93%  93%  93%  93%  93%  77%  75%  73%  60%  55%  45% | 1. meg. 0% 0% 0% 0% 0% 0% 18% 29% 44% 49% 54% 59% 64% 73% 77% 78% 85% 86% 86% 86% 86% 88% 88% 88% 88% 88% 88     | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  77%  78%  85%  86%  86%  86%  86%  88%  95%  100%  96%  89%  81% | 85%  C. cya 0% 0% 0% 0% 13% 28% 344 40% 42% 57% 58% 62% 68% 81% 79% 85% 87% 96% 1009 95% 944% 79%  |
| evils Q 1 5 10 15 10 15 30 30 35 40 45 50 66 65 70 75 80 125 100 125 100 125 100 125 100 125 100 125 100 125 100 125 1250  | 39%  - QT 0.75 - xse Min All  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  59%  64%  67%  72%  77%  79%  83%  85%  86%  77%  75%  53%  37%  12% | 79%  ac 2 Riffle\Run E. gra.  0% 0% 12% 28% 39% 41% 54% 57% 62% 63% 75% 76% 79% 85% 86% 92% 93% 97% 97% 98% 99% 100% 100% 97%         | C. pro.  0%  0%  28%  45%  68%  72%  83%  85%  86%  87%  90%  90%  90%  90%  90%  90%  90%  9              | 76%  D. arg.  0%  14% 32% 43% 57% 63% 65% 75% 78% 84% 84% 85% 87% 97% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98     | 39%  D. dia.  0%  0%  0%  20%  20%  43%  51%  55%  68%  69%  73%  74%  76%  77%  82%  83%  88%  89%  100%  92%  89%  87%  83% | 93%  N. ama.  0%  0%  0%  12%  22%  33%  41%  43%  48%  58%  65%  66%  67%  72%  79%  82%  87%  88%  89%  99%  100%  99%  92%  81%     | A. mex.  0% 27% 46% 66% 81% 88% 90% 91% 92% 93% 100% 100% 100% 100% 100% 100% 100% 10   | 49%  N. str. 0% 0% 0% 0% 28% 50% 60% 69% 71% 74% 82% 84% 85% 93% 93% 93% 93% 93% 93% 93% 93% 93% 93                    | 1. meg. 0% 0% 0% 0% 0% 0% 18% 29% 44% 49% 54% 59% 64% 73% 77% 78% 85% 86% 86% 86% 86% 88% 95% 100% 96%           | 91%  M. sal.  0%  0%  0%  0%  0%  3%  18%  29%  44%  49%  54%  55%  64%  77%  78%  85%  86%  86%  86%  86%  88%  95%  100%  96%  89%      | 85%  C. cya 0% 0% 0% 0% 13% 28% 344 40% 42% 57% 58% 62% 68% 80% 78% 81% 79% 85% 87% 96% 94% 79%  |

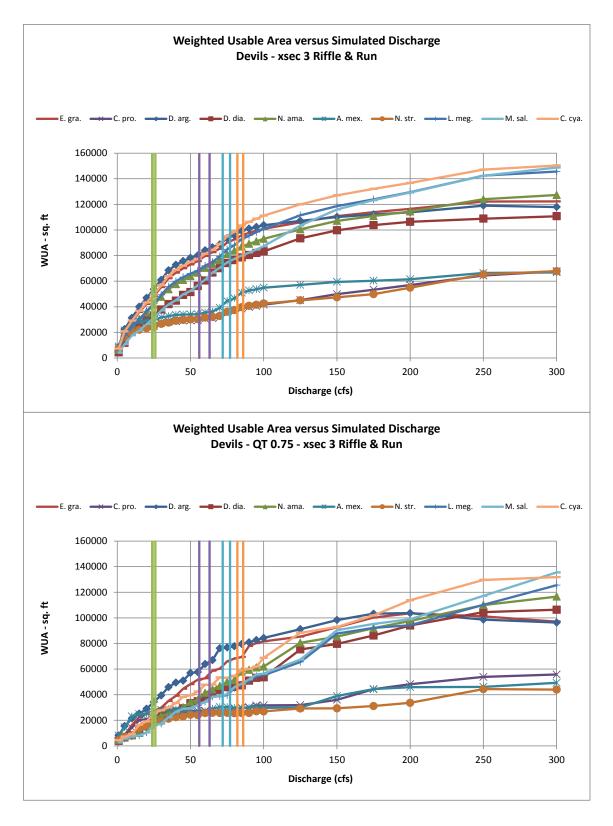


Figure 11-4 Weighted usable area versus simulated discharge at Devils River (Riffle 2).

Table 11-4 Percent of maximum WUA versus simulated discharge at Devils River (Riffle 2).

| Q   | Min All   | E. gra.  | C. pro.  | D. arg.  | D. dia.  | N. ama.  | A. mex.   | N. str.   | L. meg.  | M. sal.  | C. cya  |
|---|---|--|--|--|--|--|---|---|--|--|---|
| 1   | 3%  | 7%   | 14%  | 8%   | 4%   | 6%   | 15%   | 14%   | 5%   | 3%   | 5%  |
| 5   | 9%  | 17%  | 31%  | 20%  | 11%  | 15%  | 36%   | 33%   | 14%  | 9%   | 16%   |
| 10  | 14%   | 25%  | 39%  | 28%  | 20%  | 21%  | 44%   | 40%   | 19%  | 14%  | 22%   |
| 15  | 17%   | 32%  | 44%  | 36%  | 24%  | 27%  | 47%   | 44%   | 25%  | 17%  | 28%   |
| 20  | 22%   | 37%  | 46%  | 42%  | 28%  | 32%  | 49%   | 47%   | 29%  | 22%  | 33%   |
| 25  | 25%   | 43%  | 47%  | 48%  | 32%  | 38%  | 49%   | 49%   | 34%  | 25%  | 37%   |
| 30  | 30%   | 49%  | 51%  | 54%  | 36%  | 43%  | 53%   | 53%   | 40%  | 30%  | 43%   |
| 35  | 34%   | 55%  | 53%  | 61%  | 41%  | 48%  | 54%   | 55%   | 45%  | 34%  | 48%   |
| 40  | 37%   | 58%  | 54%  | 65%  | 43%  | 52%  | 56%   | 58%   | 48%  | 37%  | 52%   |
| 45  | 40%   | 62%  | 54%  | 67%  | 47%  | 55%  | 56%   | 59%   | 51%  | 40%  | 55%   |
| 50  | 42%   | 64%  | 55%  | 70%  | 50%  | 58%  | 56%   | 60%   | 53%  | 42%  | 57%   |
| 55  | 46%   | 66%  | 55%  | 71%  | 54%  | 60%  | 57%   | 61%   | 55%  | 46%  | 59%   |
| 60  | 50%   | 70%  | 57%  | 75%  | 58%  | 63%  | 59%   | 63%   | 58%  | 50%  | 62%   |
| 65  | 54%   | 73%  | 58%  | 77%  | 64%  | 66%  | 60%   | 64%   | 61%  | 54%  | 64%   |
| 70  | 57%   | 75%  | 60%  | 79%  | 68%  | 69%  | 65%   | 66%   | 64%  | 57%  | 67%   |
| 75  | 61%   | 79%  | 66%  | 83%  | 71%  | 73%  | 74%   | 72%   | 68%  | 61%  | 72%   |
| 80  | 63%   | 81%  | 68%  | 85%  | 74%  | 76%  | 77%   | 75%   | 71%  | 63%  | 75%   |
| 85<br>90  | 65%<br>67%  | 84%<br>86%   | 72%<br>74%   | 89%  | 76%<br>78%   | 78%<br>80%   | 85%<br>87%  | 79%<br>82%  | 75%<br>77%   | 65%<br>67%   | 78%<br>80%  |
| 90<br>95  | 67%<br>69%  | 85%  | 74%  | 90%<br>91%   | 78%<br>79%   | 80%  | 87%   | 82%   | 77%  | 67%<br>69%   | 80%<br>82%  |
| .00   | 71%   | 89%  | 78%  | 93%  | 80%  | 84%  | 91%   | 85%   | 81%  | 71%  | 84%   |
| .25   | 84%   | 93%  | 85%  | 96%  | 90%  | 91%  | 95%   | 90%   | 90%  | 84%  | 91%   |
| 150   | 93%   | 97%  | 93%  | 98%  | 96%  | 97%  | 98%   | 95%   | 96%  | 94%  | 96%   |
| 175   | 100%  | 100%   | 100%   | 100%   | 100%   | 100%   | 100%  | 100%  | 100%   | 100%   | 100%  |
| 200   | 102%  | 102%   | 107%   | 102%   | 103%   | 103%   | 102%  | 110%  | 105%   | 105%   | 103%  |
| 250   | 105%  | 107%   | 121%   | 106%   | 105%   | 112%   | 110%  | 131%  | 115%   | 115%   | 111%  |
| 300   | 105%  | 107%   | 127%   | 105%   | 107%   | 115%   | 111%  | 136%  | 118%   | 121%   | 114%  |
| 350   | 103%  | 106%   | 130%   | 103%   | 109%   | 115%   | 106%  | 136%  | 116%   | 125%   | 1149  |
|   |   |  |  |  |  |  |   |   |  |  |   |
| 500   | 97%<br>75%<br>- QT 0.75 - xse   | 102%<br>94%<br>ec 3 Riffle & Ru  | 133%<br>132%<br>n  | 99%<br>89%   | 109%<br>106%   | 116%<br>114%   | 97%<br>75%  | 135%<br>137%  | 114%<br>110%   | 127%<br>129%   | 113%<br>109%  |
| 600<br>evils<br>Q   | 75%<br>- QT 0.75 - xse<br>Min All   | 94%<br>ec 3 Riffle & Ru<br>E. gra.   | 132%<br>n<br>C. pro.   | 89%<br>D. arg.   | 106%<br>D. dia.  | 114%<br>N. ama.  | 75%<br>A. mex.  | 137%<br>N. str.   | 110%<br>L. meg.  | 129%<br>M. sal.  | 109%<br>C. cya  |
| Q<br>1  | 75%<br>- QT 0.75 - xs 6<br>Min All<br>3%  | 94%<br>ec 3 Riffle & Ru<br>E. gra.<br>7%   | 132%<br>n<br>C. pro.<br>15%  | D. arg.<br>8%  | D. dia.  | N. ama.  | 75%  A. mex.  18%   | N. str.<br>14%  | L. meg.  | M. sal.  | C. cya  |
| evils<br>Q<br>1<br>5  | 75% - QT 0.75 - xse Min All 3% 6%   | 94%<br>ec 3 Riffle & Ru<br>E. gra.<br>7%<br>8%   | 132%<br>n<br>C. pro.<br>15%<br>19%   | D. arg.<br>8%<br>15%   | D. dia. 4% 8%  | N. ama. 5% 8%  | 75%  A. mex.  18%  33%  | N. str.<br>14%<br>23%   | 110%  L. meg.  3% 6%   | M. sal.<br>3%<br>6%  | C. cya<br>4%<br>7%  |
| evils<br>Q<br>1<br>5  | 75%<br>- QT 0.75 - xs 6<br>Min All<br>3%  | 94% ec 3 Riffle & Ru E. gra. 7% 8% 16%   | 132%  n C. pro. 15% 19% 32%  | D. arg.<br>8%<br>15%<br>21%  | D. dia.<br>4%<br>8%<br>10%   | N. ama. 5% 8% 9%   | 75%  A. mex.  18%  33%  52%   | N. str.<br>14%<br>23%<br>27%  | 110%  L. meg.  3% 6% 8%  | M. sal.  | C. cya<br>4%<br>7%<br>9%  |
| evils<br>Q<br>1<br>5<br>10  | 75% - QT 0.75 - xse Min All 3% 6% 8% 9%   | 94% ec 3 Riffle & Ru E. gra. 7% 8% 16% 22%   | 132%  n C. pro. 15% 19% 32% 45%  | D. arg.<br>8%<br>15%<br>21%<br>24%   | D. dia.  4% 8% 10% 12%   | N. ama. 5% 8% 9% 11%   | 75%  A. mex.  18%  33%  52%  56%  | N. str.<br>14%<br>23%<br>27%<br>45%   | 110%  L. meg.  3% 6% 8% 9%   | M. sal.  3% 6% 8% 9%   | C. cya<br>4%<br>7%<br>9%<br>16%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20  | 75%  - QT 0.75 - xse  Min All  3%  6%  8%  9%  11%  | 94% ec 3 Riffle & Ru E. gra. 7% 8% 16% 22% 25%   | n<br>C. pro.<br>15%<br>19%<br>32%<br>45%<br>47%  | D. arg.<br>8%<br>15%<br>21%<br>24%<br>28%  | D. dia.  4% 8% 10% 12% 18%   | N. ama.  5% 8% 9% 11% 18%  | 75%  A. mex.  18%  33%  52%  56%  57%   | N. str.<br>14%<br>23%<br>27%<br>45%<br>47%  | 110%  L. meg.  3% 6% 8% 9% 11%   | M. sal.  3% 6% 8% 9% 11%   | C. cya<br>4%<br>7%<br>9%<br>16%<br>19%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20  | 75%  - QT 0.75 - xse  Min All  3%  6%  8%  9%  11%  17%   | 94% ec 3 Riffle & Ru E. gra. 7% 8% 16% 22% 25% 27%   | 132%  n C. pro. 15% 19% 32% 45% 47% 48%  | D. arg.<br>8%<br>15%<br>21%<br>24%<br>28%<br>33%   | D. dia.  4% 8% 10% 12% 18% 22%   | N. ama.  5% 8% 9% 11% 18% 23%  | 75%  A. mex.  18%  33%  52%  56%  57%  59%  | N. str.<br>14%<br>23%<br>27%<br>45%<br>47%<br>61%   | L. meg.  3% 6% 8% 9% 11% 17%   | M. sal.  3% 6% 8% 9% 11% 17%   | C. cya<br>4%<br>7%<br>9%<br>16%<br>19%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25  | 75%  - QT 0.75 - xse  Min All  3%  6%  8%  9%  11%  | 94% ec 3 Riffle & Ru E. gra. 7% 8% 16% 22% 25%   | n<br>C. pro.<br>15%<br>19%<br>32%<br>45%<br>47%  | D. arg.<br>8%<br>15%<br>21%<br>24%<br>28%  | D. dia.  4% 8% 10% 12% 18%   | N. ama.  5% 8% 9% 11% 18%  | 75%  A. mex.  18%  33%  52%  56%  57%   | N. str.<br>14%<br>23%<br>27%<br>45%<br>47%  | 110%  L. meg.  3% 6% 8% 9% 11%   | M. sal.  3% 6% 8% 9% 11%   | C. cya<br>4%<br>7%<br>9%<br>16%<br>19%<br>25%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30  | 75%  - QT 0.75 - xse  Min All  3% 6% 8% 9% 11% 17% 18%  | 94% ec 3 Riffle & Ru E. gra. 7% 8% 16% 22% 25% 27% 30%   | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50%  | D. arg.<br>8%<br>15%<br>21%<br>24%<br>28%<br>33%   | D. dia.  4%  8%  10%  12%  18%  22%  | N. ama. 5% 8% 9% 11% 18% 23%   | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63%   | N. str.<br>14%<br>23%<br>27%<br>45%<br>47%<br>61%   | L. meg. 3% 6% 8% 9% 11% 17%  | M. sal. 3% 6% 8% 9% 11% 17%  | C. cya<br>4%<br>7%<br>9%<br>16%<br>19%<br>25%<br>27%<br>29%   |
| evils<br>Q<br>1<br>5  | 75%  -QT 0.75 - xse Min All 3% 6% 8% 9% 11% 17% 18% 23%   | 94% ec 3 Riffle & Ru E. gra. 7% 8% 16% 22% 25% 27% 30% 35%   | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52%  | D. arg.<br>8%<br>15%<br>21%<br>24%<br>28%<br>33%<br>38%<br>45%   | D. dia.  4% 8% 10% 12% 18% 22% 28% 29%   | N. ama. 5% 8% 9% 11% 18% 23% 26% 27%   | 75%  A. mex.  18%  33%  52%  56%  57%  59%  63%  65%  | N. str.<br>14%<br>23%<br>27%<br>45%<br>47%<br>61%<br>62%<br>68%   | L. meg. 3% 6% 8% 9% 11% 17% 19% 24%  | M. sal. 3% 6% 8% 9% 11% 17% 18% 23%  | C. cya<br>4%<br>7%  |
| evils Q 1 5 10 15 20 25 30 35 40 45   | 75%  -QT0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28%   | 94% ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39%  | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55%  | D. arg.<br>8%<br>15%<br>21%<br>24%<br>28%<br>33%<br>45%<br>48%   | D. dia.  4% 8% 10% 12% 22% 28% 29% 31%   | N. ama. 5% 8% 9% 11% 18% 23% 26% 27% 30%   | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64%   | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72%  | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29%   | M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28%   | C. cya<br>4%<br>7%<br>9%<br>16%<br>19%<br>25%<br>27%<br>29%<br>33%  |
| evils Q 1 5 10 15 20 25 30 35 40 45 50  | 75%  -QT0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30%   | 94% ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45%  | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60%  | D. arg.  8%  15% 21% 24% 28% 33% 45% 48% 49%   | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34%   | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33%  | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62%   | N. str.<br>14%<br>23%<br>27%<br>45%<br>47%<br>61%<br>62%<br>68%<br>72%<br>73%   | 110%  L. meg.  3%  6%  8%  9%  11%  17%  19%  24%  29%  31%  | M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30%   | C. cya<br>4%<br>7%<br>9%<br>16%<br>25%<br>27%<br>29%<br>33%<br>38%<br>39%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50  | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31%  | 94% ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48%  | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61%  | D. arg.  8%  15% 21% 24% 28% 33% 38% 45% 48% 49% 55%   | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39%   | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37%  | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61%   | N. str.<br>14%<br>23%<br>27%<br>45%<br>47%<br>61%<br>62%<br>68%<br>72%<br>73%   | 110%  L. meg.  3%  6%  8%  9%  11%  17%  19%  24%  29%  31%  32%   | M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31%   | C. cys<br>4%<br>7%<br>9%<br>16%<br>25%<br>27%<br>29%<br>33%<br>38%<br>39%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 55 60  | 75%  -QT0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31%   | 94% ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48%  | 132%  n C. pro. 15% 19% 32% 45% 45% 45% 50% 52% 55% 60% 61%  | D. arg.  8%  15% 21% 24% 28% 33%  45% 48% 49% 55%  | D. dia.  4% 8% 10% 12% 28% 29% 31% 34% 39%   | N. ama.  5%  8%  9%  11%  18%  23%  26%  27%  30%  33%  37%  45%  48%  | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61% 58%   | N. str.<br>14%<br>23%<br>27%<br>45%<br>47%<br>61%<br>62%<br>68%<br>72%<br>73%<br>78%  | L. meg.  3% 6% 8% 9% 11% 17% 24% 29% 31% 32%   | M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31%   | C. cya<br>4%<br>7%<br>9%<br>16%<br>25%<br>27%<br>29%<br>33%<br>38%<br>39%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70  | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 28% 28% 30% 31% 34% 36% 40%  | 94%  Ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 30% 35% 39% 45% 48% 52% 53% 59% 60%   | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 55% 60% 61% 62% 62% 62%  | D. arg.  8%  15%  21%  24%  28%  33%  45%  48%  49%  55%  62%  65%  74%  | D. dia.  4% 8% 10% 12% 28% 29% 31% 34% 39% 40% 44% 47% 51%   | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 45% 48%  | 75%  A. mex.  18%  33%  52%  56%  57%  59%  63%  64%  62%  61%  58%  61%  65%  68%                            | N. str. 14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 77% 82% 83%   | L. meg.  3% 6% 8% 9% 11% 17% 24% 29% 31% 32% 35% 37% 42%   | M. sal.  3% 6% 8% 9% 11% 17% 23% 28% 30% 31% 34% 36% 40%   | C. cya<br>4%<br>7%<br>9%<br>16%<br>25%<br>27%<br>29%<br>33%<br>38%<br>39%<br>42%<br>47%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75   | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43%  | 94% ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 53% 59% 60% 66%  | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 62%  | 89%  D. arg.  8%  15% 21% 24% 28%  33%  38% 45% 48% 49%  55% 662% 65% 74% 74%                                      | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 47% 51%   | N. ama.  5%  8%  9%  11%  18%  23%  26%  27%  30%  33%  37%  45%  48%  51%                                   | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 61% 58% 61% 65% 68%   | N. str. 14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 77% 82% 83% 82% 83%   | 110%  L. meg.  3% 6% 8% 9% 11% 17% 24% 29% 31% 32% 35% 37% 42% 43%   | 129%  M. sal.  3%  6%  8%  9%  11%  17%  18%  23%  28%  30%  31%  34%  40%  41%  43%                                       | C. cya  4%  7%  9%  16%  19%  25%  27%  29%  33%  38%  42%  47%  47%  |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80  | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48%                                      | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 53% 59% 60% 66% 68%   | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 66% 61% 62% 62% 62% 62% 66%  | D. arg.  8%  15% 21% 24% 28% 33%  38% 45% 48% 49% 55% 662% 665% 74% 74% 75%  | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 51% 53%   | N. ama.  5%  8%  9%  11%  18%  23%  26%  27%  30%  33%  37%  39%  45%  48%  51%  54%                         | 75%  A. mex.  18%  33%  52%  56%  57%  59%  63%  65%  64%  61%  68%  68%  68%  67%                            | N. str. 14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 77% 82% 83% 82% 83%   | 110%  L. meg.  3%  6%  8%  9%  11%  17%  19%  24%  29%  31%  32%  35%  37%  42%  43%  49%                              | 129%  M. sal.  3%  6%  8%  9%  11%  17%  18%  23%  28%  30%  31%  34%  36%  40%  41%  43%  48%                             | 109%  C. cya  4%  7%  9%  16%  19%  25%  27%  29%  33%  38%  39%  42%  47%  47%  52%  54%   |
| evils Q 1 5 10 15 20 25 30 45 50 65 70 75 80 85   | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48%                                      | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 53% 59% 60% 66% 68%   | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 62% 66% 67%                                  | 89%  D. arg.  8%  15% 21% 24% 28% 33% 45% 48% 49% 55% 62% 65% 74% 75% 77%  | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 40% 44% 47% 51% 53% 55%   | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 45% 45% 55% 63%  | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61% 58% 61% 65% 68% 68% 67%                             | N. str.  14% 23% 27% 45% 45% 61% 62% 68% 72% 73% 78% 78% 82% 83% 82% 83% 82%  | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49%   | 129%  M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48%   | C. cya 4% 7% 9% 16% 19% 25% 27% 29% 33% 38% 39% 42% 47% 52% 54% 58%   |
| 00<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>330<br>335<br>40<br>45<br>50<br>65<br>77<br>75<br>380                                     | 75%  -QT0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55%                               | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 59% 60% 66% 68%   | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 66% 67% 68%                                  | 89%  D. arg.  8%  15% 21% 24% 28% 33% 45% 48% 49% 55% 66% 65% 74% 75% 77% 78%                                      | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 51% 53% 55% 59%   | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 45% 45% 65%  | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61% 58% 66% 67%   | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 78% 82% 83% 82% 83% 82% 83%  | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 42% 43% 49% 55%   | 129%  M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 44% 44% 45%   | 1099  C. cya  4%  7%  9%  16%  25%  27%  29%  33%  38%  39%  42%  47%  52%  54%  58%  59%   |
| 000 evils Q 1 5 100 15 20 25 30 45 50 65 70 75 80 885 90 95   | 75%  -QT0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55%                               | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 59% 60% 66% 66% 68% 69% 78%                                   | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 66% 67% 68% 71%                              | 89%  D. arg.  8%  15% 21% 24% 28% 33% 45% 48% 49% 55% 66% 674% 774% 775% 77% 78% 80%                               | D. dia.  4% 8% 10% 12% 28% 29% 31% 34% 39% 40% 44% 47% 51% 53% 55% 59% 62%   | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 45% 45% 65% 65% 67%  | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61% 68% 67% 66% 67% 69%                                 | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 82% 83% 82% 83% 82% 83% 82%  | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49% 55% 59%                                     | 129%  M. sal.  3%  6%  8%  9%  11%  17%  18%  23%  28%  30%  319%  34%  36%  40%  41%  43%  48%  51%  55%                  | C. cya 4% 7% 9% 16% 25% 27% 29% 33% 38% 39% 42% 47% 52% 54% 58% 59% 61%   |
| evils Q 1 5 10 15 10 15 20 25 30 35 40 45 50 65 60 65 77 580 885 990  | 75%  -QT0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55%                               | 94% ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 53% 60% 66% 66% 68% 69% 78% 80% 81%                            | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 62% 66% 67% 68% 71% 72%                      | 89%  D. arg.  8%  15% 21% 24% 28% 33% 45% 45% 46% 65% 74% 75% 77% 78% 80% 82%                                      | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 55% 53% 55% 62% 62%                                     | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 39% 45% 45% 65% 66% 67% 67%                                | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61% 58% 61% 65% 66% 67% 69% 67%                         | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 82% 83% 82% 83% 82% 83% 87% 87%  | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49% 55% 59% 60%                                 | 129%  M. sal.  3%  6%  8%  9%  11%  17%  28%  28%  30%  31%  34%  36%  40%  41%  43%  48%  51%  55%  59%                   | C. cya 4% 7% 9% 16% 19% 25% 33% 38% 39% 42% 47% 52% 52% 54% 58% 59% 61% 68%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>670<br>775<br>880<br>985<br>995                      | 75%  -QT0.75 - xsc Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55% 59% 67%                       | 94% ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 53% 59% 66% 66% 66% 68% 69% 78% 80% 81%                        | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 62% 62% 66% 67% 68% 71% 72%                  | 89%  D. arg.  8%  15%  21%  28%  33%  38%  45%  48%  49%  55%  66%  74%  74%  75%  77%  78%  80%  82%  88%         | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 47% 51% 53% 55% 62% 62% 87%                             | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 39% 45% 45% 65% 66% 67% 67% 88%                            | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61% 58% 65% 66% 67% 66% 67% 66% 67% 66% 67%             | N. str.  14% 23% 27% 45% 45% 47% 61% 62% 68% 72% 73% 78% 82% 83% 82% 83% 82% 83% 82% 84% 84% 84% 84% 85%  | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49% 55% 59% 60% 71%                             | 129%  M. sal.  3%  6%  8%  9%  11%  17%  18%  23%  28%  30%  31%  34%  36%  40%  41%  43%  55%  59%  59%  71%              | C. cya 4% 7% 9% 16% 19% 25% 27% 29% 33% 38% 39% 42% 47% 52% 54% 58% 59% 61% 68%   |
| 000 evils Q 1 5 110 115 220 225 330 335 440 45 550 665 770 775 880 885 990 995002550  | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 55% 59% 67% 81%                      | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 53% 59% 60% 66% 66% 68% 69% 78% 80% 81% 85% 92%               | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 62% 62% 62% 62% 62% 62% 81%                  | D. arg.  8%  15% 21% 24% 28% 33%  38% 45% 45% 46% 62% 65% 74% 75% 77% 78% 80% 82% 88% 95%                          | D. dia.  4% 8% 10% 12% 18% 22% 28% 31% 34% 39% 40% 44% 51% 53% 55% 62% 62% 87% 92%                                 | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 45% 45% 65% 66% 67% 67% 88% 93%                            | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 64% 62% 61% 58% 61% 68% 67% 68% 67% 68% 67% 68% 67% 69% 67% 88%     | N. str.  14% 23% 27% 45% 45% 46% 61% 62% 68% 72% 73% 78% 82% 83% 82% 82% 83% 82% 84% 84% 84% 84% 84% 84% 84% 84% 84%  | L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49% 55% 59% 60% 71%                                   | 129%  M. sal.  3%  6%  8%  9%  11%  17%  18%  23%  28%  30%  31%  34%  36%  40%  41%  43%  55%  59%  59%  71%  95%         | C. cya<br>4%<br>7%<br>9%<br>16%<br>25%<br>27%<br>29%<br>33%<br>38%<br>39%<br>42%<br>47%<br>52%<br>54%<br>58%<br>68%<br>87%<br>91% |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 77 75 80 85 90 95 100 125 150 175   | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 344% 36% 40% 41% 43% 48% 51% 55% 59% 67% 81% 100%            | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 45% 45% 66% 66% 66% 68% 69% 78% 80% 81% 85% 92% 100%                  | 132%  n C. pro. 15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 62% 62% 62% 68% 71% 72% 81% 100%             | 89%  D. arg.  8%  15% 21% 24% 28% 33%  38% 45% 48% 49%  55% 662% 65% 74% 74% 75% 77% 78% 80% 82% 88% 95% 100%      | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 47% 51% 53% 55% 62% 87% 92% 100%                        | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 39% 45% 48% 51% 54% 56% 67% 67% 88% 93% 100%               | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61% 58% 68% 67% 66% 67% 69% 67% 67% 88% 100%            | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 77% 82% 83% 82% 83% 82% 83% 82% 83% 82% 83% 82% 84% 81% 84% 84% 85% 85% 85% 85% 85% 85% 85% 85% 85% 85     | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49% 55% 55% 59% 60% 71% 95% 100%                | 129%  M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 55% 59% 71% 95% 100%                        | C. cya  4% 7% 9% 16% 19% 25% 27% 29% 33% 38% 39% 42% 52% 54% 58% 61% 68% 87% 91%  |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 77 70 75 88 85 99 99 5 100 125 150 175 200  | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55% 59% 67% 81% 100% 101%        | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 59% 60% 66% 68% 69% 78% 80% 81% 85% 92% 100% 103%             | 132%  n C. pro.  15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 66% 67% 68% 71% 72% 81% 100% 109%           | 89%  D. arg.  8%  15% 21% 24% 28%  33%  38% 45% 48% 49%  55% 662% 665%  74% 77% 78% 80% 82% 88% 95% 100% 101%      | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 51% 53% 55% 59% 62% 62% 87% 92% 100% 109%               | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 39% 45% 45% 65% 63% 65% 67% 67% 88% 93% 100% 106%          | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 61% 65% 64% 66% 67% 66% 67% 66% 67% 69% 67% 88% 100%        | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 77% 82% 83% 82% 83% 82% 82% 84% 80% 81% 81% 81% 81% 81% 81% 81% 81% 81% 81                                 | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49% 55% 60% 71% 95% 100% 102%                   | 129%  M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 59% 59% 71% 95% 100% 104%               | C. cya  4% 7% 9% 16% 19% 25% 27% 29% 33% 38% 39% 42% 47% 52% 54% 58% 61% 68% 87% 91% 1009   |
| sevils Q 1 5 10 15 10 15 20 25 30 35 40 45 50 66 67 77 75 80 85 90 125 100 125 100 125 100 125 100 125 100 125 100 125 100 125 1250             | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55% 59% 67% 81% 100% 101% 96%    | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 53% 59% 60% 66% 68% 69% 78% 80% 81% 85% 92% 100% 103% 101%    | 132%  n C. pro.  15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 62% 62% 62% 68% 71% 72% 81% 100% 109% 122%  | 89%  D. arg.  8%  15% 21% 24% 28%  33%  38% 45% 48% 49% 55%  662% 665% 74% 77% 78% 80% 82% 88% 95% 100% 101% 96%   | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 47% 51% 53% 55% 59% 62% 62% 87% 92% 100% 109% 121%      | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 39% 45% 48% 51% 54% 56% 63% 65% 67% 88% 93% 100% 106% 120% | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 61% 58% 61% 66% 67% 69% 67% 69% 67% 69% 100% 103% 104%      | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 78% 82% 83% 82% 83% 82% 83% 82% 81% 82% 83% 82% 81% 82% 83% 82% 83% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49% 55% 59% 60% 71% 95% 100% 102% 120%          | 129%  M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55% 59% 71% 95% 100% 104% 123%          | 1099  C. cya  4%  7%  9%  16%  199  25%  27%  29%  33%  38%  42%  47%  52%  54%  58%  59%  61%  68%  87%  1009  1129  1279        |
| soo evils Q 1 1 5 10 115 20 25 30 35 440 45 50 665 770 75 80 885 90 125 125 100 125 125 100 125 125 100 125 125 125 125 125 125 125 125 125 125 | 75%  -QT0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55% 59% 67% 81% 100% 101% 96% 93% | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 59% 60% 66% 66% 68% 69% 78% 80% 81% 80% 81% 80% 100% 101% 97% | 132%  n C. pro.  15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 66% 67% 68% 71% 72% 81% 100% 109% 122% 126% | 89%  D. arg.  8%  15% 21% 24% 28% 33%  45% 48% 49% 55% 66% 665% 74% 75% 77% 78% 80% 82% 88% 95% 100% 101% 96% 93%  | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 47% 51% 53% 55% 59% 62% 62% 87% 92% 100% 109% 121% 123% | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 45% 45% 65% 65% 67% 67% 88% 93% 100% 120% 127%             | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 62% 61% 58% 66% 67% 69% 67% 69% 67% 88% 100% 103% 104% 111% | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 78% 82% 83% 82% 83% 82% 83% 82% 81% 94% 100% 108% 143% 141%  | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 42% 43% 49% 55% 59% 60% 71% 95% 100% 102% 120% 136% | 129%  M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55% 59% 59% 71% 95% 100% 104% 123% 142% | C. cya 4% 7% 9% 16% 19% 25% 27% 29% 33% 38% 39% 42% 47% 47% 52% 54% 68% 87% 91% 100% 1127 129%                                    |
| sevils Q 1 5 10 15 10 15 20 25 30 35 40 45 50 66 67 77 75 80 85 90 125 100 125 100 125 100 125 100 125 100 125 100 125 100 125 1250             | 75%  -QT 0.75 - xse Min All  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55% 59% 67% 81% 100% 101% 96%    | 94%  ec 3 Riffle & Ru E. gra.  7% 8% 16% 22% 25% 27% 30% 35% 39% 45% 48% 52% 53% 59% 60% 66% 68% 69% 78% 80% 81% 85% 92% 100% 103% 101%    | 132%  n C. pro.  15% 19% 32% 45% 47% 48% 50% 52% 55% 60% 61% 62% 62% 62% 62% 62% 62% 68% 71% 72% 81% 100% 109% 122%  | 89%  D. arg.  8%  15% 21% 24% 28%  33%  38% 45% 48% 49% 55%  56% 62% 65% 74% 77% 78% 80% 82% 88% 95% 100% 101% 96% | D. dia.  4% 8% 10% 12% 18% 22% 28% 29% 31% 34% 39% 40% 44% 47% 51% 53% 55% 59% 62% 62% 87% 92% 100% 109% 121%      | N. ama.  5% 8% 9% 11% 18% 23% 26% 27% 30% 33% 37% 39% 45% 48% 51% 54% 56% 63% 65% 67% 88% 93% 100% 106% 120% | 75%  A. mex.  18% 33% 52% 56% 57% 59% 63% 65% 64% 61% 58% 61% 66% 67% 69% 67% 69% 67% 69% 100% 103% 104%      | N. str.  14% 23% 27% 45% 47% 61% 62% 68% 72% 73% 78% 78% 82% 83% 82% 83% 82% 83% 82% 81% 82% 83% 82% 81% 82% 83% 82% 83% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 110%  L. meg.  3% 6% 8% 9% 11% 17% 19% 24% 29% 31% 32% 35% 37% 42% 43% 49% 55% 59% 60% 71% 95% 100% 102% 120%          | 129%  M. sal.  3% 6% 8% 9% 11% 17% 18% 23% 28% 30% 31% 34% 36% 40% 41% 43% 48% 51% 55% 59% 71% 95% 100% 104% 123%          | 109%  C. cya  4%  7%  9%  16%  19%  25%  27%  29%  33%  38%  39%  42%  47%  47%  52%  54%   |

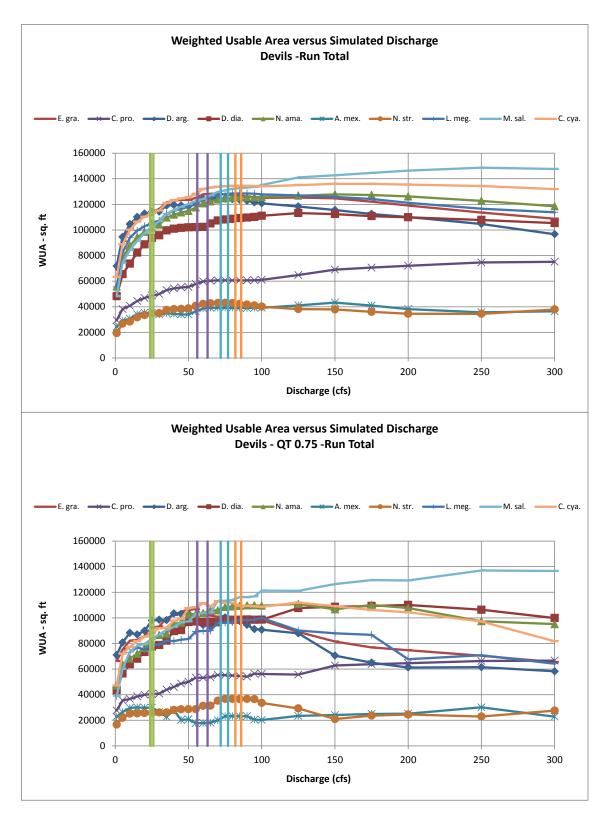


Figure 11-5 Weighted usable area versus simulated discharge at Devils River (Run Total).

Table 11-5 Percent of maximum WUA versus simulated discharge at Devils River (Run Total).

| Q  | -Run Total<br>Min All  | E. gra.   | C. pro.  | D. arg.  | D. dia.  | N. ama.   | A. mex.  | N. str.  | L. meg.   | M. sal.  | C. cya  |
|--|--|---|--|--|--|---|--|--|---|--|---|
| 1  | 33%  | 54%   | 42%  | 58%  | 43%  | 44%   | 56%  | 45%  | 43%   | 33%  | 47%   |
| 5  | 51%  | 71%   | 54%  | 76%  | 58%  | 61%   | 67%  | 62%  | 64%   | 51%  | 65%   |
| 10   | 58%  | 79%   | 58%  | 84%  | 65%  | 69%   | 71%  | 66%  | 73%   | 58%  | 74%   |
| 15   | 63%  | 84%   | 63%  | 88%  | 73%  | 74%   | 79%  | 74%  | 77%   | 63%  | 78%   |
| 20   | 66%  | 87%   | 66%  | 90%  | 78%  | 77%   | 82%  | 78%  | 80%   | 67%  | 81%   |
| 25   | 69%  | 89%   | 69%  | 91%  | 83%  | 80%   | 81%  | 80%  | 82%   | 71%  | 83%   |
| 30   | 71%  | 91%   | 71%  | 92%  | 85%  | 81%   | 79%  | 81%  | 83%   | 74%  | 85%   |
| 35   | 75%  | 95%   | 75%  | 95%  | 88%  | 86%   | 81%  | 87%  | 88%   | 78%  | 89%   |
| 40   | 77%  | 96%   | 77%  | 96%  | 89%  | 88%   | 80%  | 89%  | 89%   | 80%  | 91%   |
| 45   | 78%  | 96%   | 78%  | 95%  | 90%  | 89%   | 79%  | 89%  | 91%   | 82%  | 92%   |
| 50<br>55   | 79%  | 96%   | 79%  | 95%  | 90%  | 90%   | 79%  | 90%  | 92%   | 83%  | 92%   |
| 55<br>60   | 82%<br>85%   | 98%<br>100%   | 82%<br>85%   | 96%<br>100%  | 90%<br>90%   | 92%<br>94%  | 84%<br>89%   | 95%<br>98%   | 94%<br>97%  | 85%<br>86%   | 94%<br>97%  |
| 65   | 85%  | 100%  | 85%  | 100%   | 93%  | 96%   | 91%  | 99%  | 98%   | 88%  | 98%   |
| 70   | 86%  | 100%  | 86%  | 100%   | 95%  | 97%   | 91%  | 100%   | 99%   | 90%  | 98%   |
| 75   | 86%  | 100%  | 86%  | 100%   | 95%  | 97%   | 91%  | 100%   | 100%  | 91%  | 99%   |
| 80   | 86%  | 99%   | 86%  | 99%  | 96%  | 98%   | 91%  | 100%   | 100%  | 91%  | 99%   |
| 85   | 86%  | 99%   | 86%  | 99%  | 97%  | 98%   | 91%  | 98%  | 100%  | 92%  | 99%   |
| 90   | 86%  | 98%   | 86%  | 98%  | 97%  | 98%   | 90%  | 97%  | 100%  | 92%  | 99%   |
| 95   | 86%  | 98%   | 86%  | 97%  | 97%  | 98%   | 91%  | 95%  | 100%  | 92%  | 99%   |
| 100  | 86%  | 98%   | 86%  | 97%  | 98%  | 98%   | 91%  | 93%  | 99%   | 93%  | 99%   |
| 125  | 89%  | 98%   | 92%  | 95%  | 100%   | 99%   | 95%  | 89%  | 99%   | 98%  | 99%   |
| 150  | 88%  | 97%   | 98%  | 93%  | 99%  | 100%  | 100%   | 88%  | 98%   | 99%  | 100%  |
| 175  | 84%  | 95%   | 100%   | 90%  | 98%  | 100%  | 95%  | 84%  | 97%   | 100%   | 100%  |
| 200  | 80%  | 93%   | 102%   | 88%  | 97%  | 99%   | 88%  | 80%  | 94%   | 101%   | 100%  |
| 250  | 80%  | 89%   | 106%   | 84%  | 95%  | 96%   | 83%  | 80%  | 91%   | 103%   | 99%   |
| 00   | 77%  | 85%   | 106%   | 77%  | 93%  | 93%   | 84%  | 88%  | 88%   | 102%   | 97%   |
| 50   | 72%  | 81%   | 104%   | 72%  | 92%  | 89%   | 83%  | 93%  | 85%   | 102%   | 95%   |
| 00   | 68%  | 78%   | 109%   | 68%  | 90%  | 88%   | 94%  | 103%   | 80%   | 103%   | 97%   |
|  |  |   |  |  |  |   |  |  |   |  |   |
| 500  | 70%  | 78%   | 125%   | 70%  | 81%  | 88%   | 122%   | 124%   | 77%   | 106%   | 103%  |
|  | - QT 0.75 -Rur   |   | 125%   | 70%  | 81%  | 88%   | 122%   | 124%   | 77%   | 106%   | 103%  |
| evils<br>Q   | - QT 0.75 -Rur<br>Min All  | n Total<br>E. gra.  | C. pro.  | D. arg.  | D. dia.  | N. ama.   | A. mex.  | N. str.  | L. meg.   | M. sal.  | C. cya  |
| evils<br>Q<br>1  | - QT 0.75 -Rur<br>Min All<br>30%   | n Total<br>E. gra.<br>62%   | C. pro.<br>43%   | D. arg.<br>69%   | D. dia.<br>40%   | N. ama.<br>43%  | A. mex.<br>76%   | N. str.<br>46%   | L. meg.<br>39%  | M. sal.<br>30%   | C. cya<br>42%   |
| evils<br>Q<br>1<br>5   | - QT 0.75 -Rur<br>Min All<br>30%<br>46%  | n Total<br>E. gra.<br>62%<br>71%  | C. pro.<br>43%<br>56%  | D. arg.<br>69%<br>78%  | D. dia.<br>40%<br>52%  | N. ama.<br>43%<br>57%   | A. mex.<br>76%<br>88%  | N. str.<br>46%<br>60%  | L. meg.<br>39%<br>60%   | M. sal.<br>30%<br>46%  | C. cya<br>42%<br>64%  |
| evils<br>Q<br>1<br>5   | - QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%   | E. gra. 62% 71%   | C. pro.<br>43%<br>56%<br>57%   | D. arg. 69% 78% 85%  | D. dia.<br>40%<br>52%<br>58%   | N. ama.<br>43%<br>57%<br>61%  | A. mex.<br>76%<br>88%<br>99%   | N. str.<br>46%<br>60%<br>69%   | L. meg.<br>39%<br>60%<br>73%  | M. sal.<br>30%<br>46%<br>57%   | C. cya<br>42%<br>64%<br>68%   |
| evils<br>Q<br>1<br>5<br>10   | - QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%<br>60%  | E. gra. 62% 71% 77%   | C. pro.<br>43%<br>56%<br>57%<br>60%  | D. arg.<br>69%<br>78%<br>85%<br>84%  | D. dia.<br>40%<br>52%<br>58%<br>62%  | N. ama.<br>43%<br>57%<br>61%<br>65%   | A. mex.<br>76%<br>88%<br>99%<br>100%   | N. str.<br>46%<br>60%<br>69%<br>69%  | L. meg.<br>39%<br>60%<br>73%<br>77%   | M. sal.<br>30%<br>46%<br>57%<br>60%  | C. cya<br>42%<br>64%<br>68%<br>72%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20   | - QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%   | 70tal<br>E. gra.<br>62%<br>71%<br>77%<br>77%<br>80%   | C. pro.<br>43%<br>56%<br>57%<br>60%<br>63%   | D. arg. 69% 78% 85% 84% 87%  | D. dia.<br>40%<br>52%<br>58%<br>62%<br>67%   | N. ama.<br>43%<br>57%<br>61%<br>65%<br>69%  | A. mex. 76% 88% 99% 100% 99%   | N. str.<br>46%<br>60%<br>69%<br>69%<br>70%   | L. meg.<br>39%<br>60%<br>73%<br>77%<br>75%  | M. sal. 30% 46% 57% 60% 61%  | C. cya<br>42%<br>64%<br>68%<br>72%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20   | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%   | 70tal<br>E. gra.<br>62%<br>71%<br>77%<br>80%<br>87%   | C. pro. 43% 56% 57% 60% 63%  | D. arg.<br>69%<br>78%<br>85%<br>84%<br>87%<br>95%  | D. dia.<br>40%<br>52%<br>58%<br>62%<br>67%<br>71%  | N. ama.<br>43%<br>57%<br>61%<br>65%<br>69%<br>74%   | A. mex.<br>76%<br>88%<br>99%<br>100%<br>99%  | N. str.<br>46%<br>60%<br>69%<br>69%<br>70%   | L. meg.<br>39%<br>60%<br>73%<br>77%<br>75%  | M. sal. 30% 46% 57% 60% 61%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   | - QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%  | 77%<br>77%<br>77%<br>80%<br>87%   | C. pro. 43% 56% 57% 60% 63% 63%  | D. arg.<br>69%<br>78%<br>85%<br>84%<br>87%<br>95%  | D. dia.<br>40%<br>52%<br>58%<br>62%<br>67%<br>71%  | N. ama.<br>43%<br>57%<br>61%<br>65%<br>69%<br>74%   | A. mex.  76% 88% 99% 100% 99% 99% 88%  | N. str.<br>46%<br>60%<br>69%<br>69%<br>70%<br>70%  | L. meg.<br>39%<br>60%<br>73%<br>77%<br>75%<br>79%   | M. sal.<br>30%<br>46%<br>57%<br>60%<br>61%<br>65%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>78%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | - QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%  | 776tal<br>E. gra.<br>62%<br>71%<br>77%<br>80%<br>87%<br>87%<br>93%  | C. pro. 43% 56% 57% 60% 63% 63% 64%  | D. arg. 69% 78% 85% 84% 87% 95% 95%  | D. dia. 40% 52% 58% 62% 67% 71% 72%  | N. ama. 43% 57% 61% 65% 69% 74% 78% 79%   | A. mex. 76% 88% 99% 100% 99% 99% 88% 75%   | N. str.<br>46%<br>60%<br>69%<br>69%<br>70%<br>71%<br>71%   | L. meg.<br>39%<br>60%<br>73%<br>77%<br>75%<br>79%<br>82%  | M. sal.<br>30%<br>46%<br>57%<br>60%<br>61%<br>65%<br>67%<br>70%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>78%<br>81%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%  | 710tal<br>E. gra.<br>62%<br>71%<br>77%<br>80%<br>87%<br>87%<br>93%<br>96%   | C. pro. 43% 56% 57% 60% 63% 63% 64% 69% 72%  | D. arg. 69% 78% 85% 84% 87% 95% 95% 100%   | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82%  | N. ama. 43% 57% 61% 65% 69% 74% 78% 79% 86%   | A. mex. 76% 88% 99% 100% 99% 99% 88% 75% 93%   | N. str.<br>46%<br>60%<br>69%<br>69%<br>70%<br>70%<br>71%<br>71%  | L. meg.<br>39%<br>60%<br>73%<br>77%<br>75%<br>79%<br>79%<br>82%<br>82%  | M. sal. 30% 46% 57% 60% 61% 65% 67% 70% 72%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>78%<br>81%<br>82%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | -QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%   | 710tal<br>E. gra.<br>62%<br>71%<br>77%<br>77%<br>80%<br>87%<br>87%<br>93%<br>96%<br>98%   | C. pro. 43% 56% 57% 60% 63% 63% 64% 69% 72% 76%  | D. arg. 69% 78% 85% 84% 87% 95% 95% 100%   | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83%  | N. ama. 43% 57% 61% 65% 69% 74% 78% 79% 86% 87%   | A. mex. 76% 88% 99% 100% 99% 99% 88% 75% 93% 67%   | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78%  | L. meg.<br>39%<br>60%<br>73%<br>77%<br>75%<br>79%<br>82%<br>82%<br>83%  | M. sal. 30% 46% 57% 60% 61% 65% 70% 72%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>81%<br>82%<br>87%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>69%  | 71 Total E. gra. 62% 71% 77% 80% 87% 93% 96% 99%  | C. pro. 43% 56% 57% 60% 63% 64% 69% 72% 76% 79%  | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100%  | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88%  | N. ama. 43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92%   | A. mex. 76% 88% 99% 100% 99% 99% 88% 75% 93% 67% 69%   | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78%  | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84%   | M. sal. 30% 46% 57% 60% 61% 65% 67% 70% 72% 75%  | C. cya 42% 64% 68% 72% 76% 81% 82% 87% 88%  |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>69%  | 70 Total<br>E. gra.<br>62%<br>71%<br>77%<br>80%<br>87%<br>87%<br>93%<br>96%<br>98%<br>99%   | C. pro. 43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79%  | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 97%  | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88%  | N. ama. 43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92%   | A. mex. 76% 88% 99% 100% 99% 88% 75% 93% 67% 69%   | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78%  | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84%   | M. sal. 30% 46% 57% 60% 61% 65% 67% 70% 72% 75% 80%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>81%<br>817<br>82%<br>87%<br>88%<br>95%                                     |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>69%<br>59%   | 70 Total<br>E. gra.<br>62%<br>71%<br>77%<br>77%<br>80%<br>87%<br>93%<br>96%<br>98%<br>99%<br>100%   | C. pro. 43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 83%  | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 97% 91%  | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88%  | N. ama. 43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92%   | A. mex.  76%  88%  99%  100%  99%  88%  75%  93%  67%  69%  59%  | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 78% 85%  | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90%   | M. sal. 30% 46% 57% 60% 61% 65% 70% 72% 75% 80% 80%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>81%<br>81%<br>82%<br>95%<br>96%<br>99%                                     |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>69%<br>59%<br>59%  | 70 Total E. gra. 62% 71% 77% 77% 80% 87% 87% 93% 96% 98% 99% 100% 95%   | C. pro. 43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 83% 84%  | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91%   | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89%  | N. ama. 43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94%   | A. mex.  76%  88%  99%  100%  99%  99%  88%  75%  93%  67%  69%  59%  59%  60%   | N. str. 46% 60% 69% 69% 70% 71% 76% 78% 78% 85% 86%  | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90%   | M. sal. 30% 46% 57% 60% 61% 65% 67% 70% 72% 75% 80% 80%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>81%<br>82%<br>87%<br>88%<br>95%<br>96%<br>99%                              |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | - QT 0.75 - Rur Min All 30% 46% 57% 60% 61% 63% 64% 69% 72% 67% 69% 59% 60% 67%  | 710tal E. gra. 62% 71% 77% 77% 80% 87% 93% 96% 98% 99% 100% 95% 94%   | C. pro. 43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 83% 84%  | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90%   | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 88%                                    | N. ama. 43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95%   | A. mex.  76%  88%  99%  100%  99%  99%  88%  75%  93%  67%  69%  59%  60%  67%   | N. str. 46% 60% 69% 69% 70% 71% 76% 78% 78% 85% 86%  | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 90%   | M. sal. 30% 46% 57% 60% 61% 65% 67% 72% 75% 80% 80% 80% 87%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>81%<br>82%<br>87%<br>88%<br>95%<br>96%<br>99%<br>97%                       |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75   | - QT 0.75 - Rur Min All 30% 46% 57% 60% 61% 63% 64% 69% 72% 67% 69% 59% 60% 67% 77%  | 70 Total E. gra. 62% 71% 77% 77% 80% 87% 87% 93% 96% 98% 99% 100% 95% 94% 94%   | C. pro.  43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 84% 87%   | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93%   | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 88%                                    | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 98%  | A. mex. 76% 88% 99% 100% 99% 99% 88% 75% 93% 67% 69% 59% 60% 67% 77%   | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 78% 85% 86% 96% 100%   | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 90% 96%   | M. sal. 30% 46% 57% 60% 61% 65% 72% 75% 75% 80% 80% 80% 87%  | C. cya 42% 64% 68% 72% 76% 788 81% 82% 87% 88% 95% 96% 99% 97%  |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80   | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>59%<br>59%<br>59%<br>60%<br>67%<br>77%   | 770tal<br>E. gra.<br>62%<br>71%<br>77%<br>77%<br>80%<br>87%<br>93%<br>96%<br>98%<br>99%<br>100%<br>95%<br>94%<br>94%<br>91%   | C. pro.  43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 83% 84% 87% 86%                                   | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94%                                 | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 88% 90% 90%                            | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 95% 98%  | A. mex.  76%  88%  99%  100%  99%  88%  75%  93%  67%  69%  59%  60%  67%  77%   | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 78% 78% 100%   | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96%   | M. sal. 30% 46% 57% 60% 61% 65% 67% 70% 72% 75% 80% 80% 80% 80% 87% 88%  | C. cya 42% 64% 68% 72% 76% 788 81% 82% 87% 88% 95% 100% 99%   |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85  | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>69%<br>59%<br>59%<br>60%<br>67%<br>77%   | 710tal<br>E. gra.<br>62%<br>71%<br>77%<br>80%<br>87%<br>87%<br>93%<br>96%<br>98%<br>99%<br>100%<br>95%<br>94%<br>94%<br>91%   | C. pro.  43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 84% 87% 86% 86%                                   | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94%                                 | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 88% 99% 90%                            | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 98% 98%  | A. mex.  76%  88%  99%  100%  99%  88%  75%  93%  67%  69%  59%  59%  60%  67%  77%  | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 78% 85% 86% 96% 100%   | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 96%   | M. sal. 30% 46% 57% 60% 61% 65% 70% 72% 75% 80% 80% 80% 80% 87% 88%  | C. cya 42% 64% 68% 72% 76% 788 81% 82% 87% 88% 95% 100% 99% 97%   |
| evils<br>Q<br>1<br>5<br>10<br>15<br>220<br>225<br>330<br>45<br>55<br>560<br>55<br>70<br>75<br>380<br>385<br>90   | - QT 0.75 - Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>59%<br>59%<br>59%<br>59%<br>60%<br>677%<br>77%<br>77%  | 710tal<br>E. gra.<br>62%<br>71%<br>77%<br>77%<br>80%<br>87%<br>87%<br>93%<br>96%<br>98%<br>99%<br>100%<br>95%<br>95%<br>94%<br>94%<br>91%                                     | C. pro. 43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 84% 87% 86% 85%                                    | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94%                                 | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 90% 90% 90%                            | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 95% 98% 99%  | A. mex. 76% 88% 99% 100% 99% 99% 88% 75% 93% 67% 69% 59% 60% 67% 77% 77%   | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 86% 96% 100% 100%  | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 99% 98%                                       | M. sal. 30% 46% 57% 60% 61% 65% 70% 72% 75% 80% 80% 80% 80% 87% 88% 88%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>78%<br>81%<br>82%<br>87%<br>88%<br>95%<br>99%<br>99%<br>1009<br>99%<br>99% |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>33<br>40<br>45<br>50<br>65<br>70<br>75<br>30<br>35<br>40<br>45<br>60<br>65<br>70<br>75<br>30<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90 | -QT 0.75 -Rur Min All 30% 46% 57% 60% 61% 63% 64% 69% 72% 67% 69% 59% 59% 60% 67% 77% 77% 77%  | 710tal<br>E. gra.<br>62%<br>71%<br>77%<br>77%<br>80%<br>87%<br>87%<br>93%<br>96%<br>98%<br>99%<br>100%<br>95%<br>94%<br>94%<br>91%<br>91%<br>92%                              | C. pro.  43% 56% 57% 60% 633% 643% 649% 729% 76% 799% 833% 844% 87% 86% 85% 85%                            | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 94% 94% 91%                             | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 88% 99% 90% 90% 90%                    | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 95% 98% 99%  | A. mex.  76%  88%  99%  100%  99%  88%  75%  93%  67%  69%  59%  60%  67%  77%  77%  77%  68%                                | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 86% 96% 100% 100% 100%   | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 99% 98%                                       | M. sal. 30% 46% 57% 60% 61% 65% 70% 72% 75% 80% 80% 80% 80% 80% 90%  | C. cya<br>42%<br>64%<br>68%<br>72%<br>76%<br>78%<br>81%<br>82%<br>87%<br>88%<br>95%<br>1009<br>99%<br>97%<br>97%        |
| 25<br>330<br>335<br>440<br>45<br>55<br>60<br>65<br>77<br>75<br>80<br>88<br>99<br>90  | -QT 0.75 -Rur Min All 30% 46% 57% 60% 61% 63% 64% 69% 72% 67% 69% 59% 59% 50% 67% 77% 77% 77% 68% 68%  | 710tal<br>E. gra.<br>62%<br>71%<br>77%<br>77%<br>80%<br>87%<br>87%<br>93%<br>96%<br>98%<br>99%<br>100%<br>95%<br>95%<br>94%<br>94%<br>91%<br>91%<br>92%                       | C. pro.  43% 56% 57% 60% 633% 643% 644% 69% 72% 76% 79% 833% 844% 87% 86% 85% 85% 88%                      | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 94% 94% 91% 88%                         | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 88% 99% 90% 90% 90% 90%                | N. ama. 43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 95% 98% 99% 99%   | A. mex. 76% 88% 99% 100% 99% 99% 88% 75% 93% 67% 69% 59% 50% 67% 77% 77% 77% 68% 68%   | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 85% 86% 100% 100% 100% 99% 91%                                   | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 844% 89% 90% 96% 96% 96% 98% 98% 100%                             | M. sal. 30% 46% 57% 60% 61% 65% 67% 72% 75% 80% 80% 80% 80% 80% 90% 94%  | C. cya 42% 64% 68% 72% 76% 78% 81% 82% 87% 88% 95% 96% 99% 97% 100% 99% 97% 97% 96%                                     |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>225<br>330<br>335<br>440<br>45<br>50<br>65<br>60<br>65<br>77<br>75<br>88<br>90<br>95<br>.00<br>.25   | - QT 0.75 - Rur Min All 30% 46% 57% 60% 61% 63% 64% 69% 72% 67% 69% 59% 59% 57% 77% 77% 77% 77% 68% 68%  | 170tal E. gra. 62% 71% 77% 80% 87% 80% 98% 99% 100% 95% 94% 94% 91% 91% 92% 92% 83%   | C. pro. 43% 56% 57% 60% 63% 634% 64% 69% 72% 76% 79% 83% 84% 87% 86% 85% 85% 88% 88%                       | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 94% 94% 94% 91% 88% 88% 85%             | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 88% 99% 90% 90% 90% 90% 90%            | N. ama. 43% 57% 61% 65% 69% 74% 78% 86% 87% 92% 93% 94% 95% 95% 98% 99% 99% 100%  | A. mex. 76% 88% 99% 100% 99% 99% 88% 75% 93% 67% 69% 59% 50% 67% 77% 77% 77% 68% 68%   | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 85% 86% 100% 100% 100% 99% 91%                                   | L. meg. 39% 60% 73% 77% 75% 79% 79% 82% 82% 83% 84% 89% 90% 96% 96% 96% 98% 98% 100% 90%                      | M. sal. 30% 46% 57% 60% 61% 65% 67% 72% 75% 80% 80% 80% 80% 80% 90% 94% 94%  | C. cya 42% 64% 68% 76% 78% 811% 82% 87% 88% 95% 96% 99% 97% 100% 99% 97% 99% 97% 99%                                    |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>985<br>900<br>225<br>500   | - QT 0.75 - Rur Min All 30% 46% 57% 60% 61% 63% 64% 69% 72% 67% 69% 59% 59% 59% 77% 77% 77% 77% 77% 77% 68% 68% 78%  | 170tal<br>E. gra.<br>62%<br>71%<br>77%<br>80%<br>87%<br>87%<br>93%<br>96%<br>98%<br>99%<br>100%<br>95%<br>95%<br>94%<br>91%<br>91%<br>92%<br>92%<br>83%<br>76%                | C. pro. 43% 56% 57% 60% 63% 63% 644% 69% 72% 76% 79% 83% 84% 87% 86% 85% 88% 87% 98%                       | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94% 94% 94% 94% 88% 88% 85%         | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 88% 99% 99% 99% 90% 90% 90% 99% 99%    | N. ama. 43% 57% 61% 65% 69% 74% 78% 86% 87% 92% 93% 94% 95% 95% 98% 99% 99% 100% 96%                                      | A. mex. 76% 88% 99% 100% 99% 88% 75% 93% 67% 69% 59% 59% 57% 77% 77% 77% 77% 68% 68% 78% 80%                                 | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 85% 86% 100% 100% 100% 99% 91% 80%                               | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 96% 96% 98% 100% 90% 88%                      | M. sal. 30% 46% 57% 60% 61% 65% 67% 70% 72% 75% 80% 80% 80% 80% 80% 90% 94% 94% 94%  | C. cye 42% 64% 68% 72% 76% 78% 81% 82% 895% 996% 997% 1009 997% 97% 97% 97% 97% 97%                                     |
| 25<br>30<br>35<br>40<br>45<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>.00<br>.25<br>.50  | - QT 0.75 - Rur Min All 30% 46% 57% 60% 61% 63% 64% 69% 72% 67% 69% 59% 59% 60% 67% 77% 77% 77% 77% 68% 68% 78% 57%  | 170tal<br>E. gra.<br>62%<br>71%<br>77%<br>80%<br>87%<br>887%<br>93%<br>96%<br>98%<br>99%<br>100%<br>95%<br>94%<br>91%<br>91%<br>92%<br>92%<br>92%<br>92%<br>83%<br>76%<br>72% | C. pro.  43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 84% 87% 86% 85% 85% 88% 88% 87% 98% 100%          | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94% 94% 91% 88% 85% 68% 63%         | D. dia. 40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 90% 90% 90% 90% 90% 90% 90% 90% 90%    | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 98% 99% 99% 100% 96% 99%                                 | A. mex.  76% 88% 99% 100% 99% 99% 88% 75% 93% 67% 69% 59% 60% 67% 77% 77% 68% 68% 78% 80% 83%                                | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 85% 86% 9100% 100% 100% 99% 911% 80% 57% 64%                     | L. meg. 39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 96% 96% 98% 100% 90% 88% 87%                  | M. sal. 30% 46% 57% 60% 61% 65% 67% 70% 72% 75% 80% 80% 80% 80% 80% 80% 80% 80% 80% 81% 90% 94% 94% 94% 98% 100%           | C. cya 42% 64% 68% 72% 766% 788 81% 82% 87% 88% 95% 96% 99% 97% 1000 99% 97% 97% 97% 97% 97%                            |
| 25 30 35 40 45 50 65 70 75 80 85 99 5 .00 .25 .50 .75  | -QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>59%<br>59%<br>59%<br>77%<br>77%<br>77%<br>77%<br>77%<br>68%<br>68%<br>68%<br>78%<br>68%<br>59% | 170tal<br>E. gra.<br>62%<br>71%<br>77%<br>77%<br>80%<br>87%<br>93%<br>96%<br>98%<br>99%<br>100%<br>95%<br>94%<br>91%<br>91%<br>91%<br>92%<br>92%<br>92%<br>92%<br>92%         | C. pro.  43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 83% 84% 87% 86% 85% 85% 88% 88% 87% 98% 100% 101% | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94% 94% 91% 88% 88% 85% 68% 63% 59% | D. dia.  40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 90% 90% 90% 90% 90% 90% 90% 90% 90% 9 | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 98% 99% 99% 99% 99% 99% 99%                              | A. mex.  76%  88%  99%  100%  99%  88%  75%  93%  67%  69%  59%  60%  67%  77%  77%  77%  77%  68%  68%  78%  80%  83%       | N. str. 46% 60% 69% 69% 70% 71% 71% 76% 78% 78% 78% 100% 100% 100% 100% 100% 100% 100% 10                    | L. meg.  39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 96% 96% 96% 96% 96% 96% 96% 96               | M. sal. 30% 46% 57% 60% 61% 65% 70% 72% 75% 80% 80% 80% 80% 80% 80% 80% 90% 94% 94% 94% 94% 98% 100%                       | C. cya 42% 64% 68% 72% 76% 7888 81% 82% 87% 88% 95% 99% 97% 1009 99% 97% 97% 97% 97% 97% 96% 99%                        |
| evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>115<br>115<br>115<br>115<br>115<br>115<br>115  | -QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>59%<br>59%<br>59%<br>77%<br>77%<br>77%<br>77%<br>68%<br>68%<br>78%<br>59%<br>59%<br>59%        | 170tal E. gra. 62% 71% 77% 80% 87% 87% 93% 96% 98% 99% 100% 95% 95% 94% 94% 91% 91% 92% 83% 76% 72% 70% 66%   | C. pro.  43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 84% 87% 86% 85% 85% 85% 88% 87% 98% 100% 101%     | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94% 91% 88% 85% 68% 63% 59% 59%     | D. dia.  40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 90% 90% 90% 90% 90% 90% 90% 90% 90% 9 | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 98% 99% 99% 99% 99% 99% 99% 99% 99% 99                   | A. mex.  76%  88%  99%  100%  99%  88%  75%  93%  67%  69%  59%  60%  67%  77%  77%  77%  78%  78%  88%  88                  | N. str.  46% 60% 69% 69% 70% 71% 71% 76% 78% 78% 85% 86% 96% 100% 100% 100% 100% 57% 64% 67% 63%             | L. meg.  39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 96% 96% 96% 96% 96% 96% 96% 96               | M. sal. 30% 46% 57% 60% 61% 65% 70% 72% 75% 80% 80% 80% 80% 80% 80% 81% 88% 90% 90% 94% 94% 94% 94% 98% 100% 100%          | C. cya 42% 64% 68% 72% 76% 7888 81% 82% 87% 88% 95% 96% 99% 97% 97% 97% 96% 99% 97% 97% 96% 99% 97%                     |
| evils<br>Q<br>1  | -QT 0.75 -Rur Min All 30% 46% 57% 60% 61% 63% 64% 69% 72% 67% 69% 59% 59% 60% 67% 77% 77% 77% 68% 68% 78% 59% 59% 59% 59%  | 170tal E. gra. 62% 71% 77% 80% 87% 87% 93% 96% 98% 99% 100% 95% 95% 94% 91% 91% 92% 92% 83% 76% 72% 70% 66% 61%   | C. pro.  43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 84% 87% 86% 85% 85% 88% 87% 98% 100% 101% 104%    | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94% 91% 88% 88% 68% 63% 59% 59%     | D. dia.  40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 90% 90% 90% 90% 90% 90% 90% 90% 90% 9 | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 95% 98% 99% 99% 99% 99% 99% 99% 100% 96% 99% 99% 88% 86% | A. mex.  76%  88%  99%  100%  99%  88%  75%  93%  67%  69%  59%  60%  67%  77%  77%  77%  68%  68%  80%  83%  84%  100%  76% | N. str.  46% 60% 69% 69% 70% 71% 71% 76% 78% 78% 85% 86% 96% 100% 100% 100% 100% 59% 91% 80% 57% 64% 67% 63% | L. meg.  39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 96% 96% 98% 98% 100% 90% 88% 87% 68% 71% 64% | M. sal. 30% 46% 57% 60% 61% 65% 70% 72% 75% 80% 80% 80% 80% 80% 80% 81% 88% 90% 90% 91% 91% 91% 91% 91% 91% 91% 91% 91% 91 | C. cya 42% 64% 68% 72% 76% 788 81% 82% 87% 88% 95% 100% 99% 97% 100% 99% 97% 97% 97% 97% 97% 96% 99% 97% 97%            |
| evils Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 125 150 175 200 250 800   | -QT 0.75 -Rur<br>Min All<br>30%<br>46%<br>57%<br>60%<br>61%<br>63%<br>64%<br>69%<br>72%<br>67%<br>59%<br>59%<br>59%<br>77%<br>77%<br>77%<br>77%<br>68%<br>68%<br>78%<br>59%<br>59%<br>59%        | 170tal E. gra. 62% 71% 77% 80% 87% 87% 93% 96% 98% 99% 100% 95% 95% 94% 94% 91% 91% 92% 83% 76% 72% 70% 66%   | C. pro.  43% 56% 57% 60% 63% 63% 64% 69% 72% 76% 79% 83% 84% 87% 86% 85% 85% 85% 88% 87% 98% 100% 101%     | D. arg. 69% 78% 85% 84% 87% 95% 95% 100% 100% 100% 97% 91% 90% 93% 97% 94% 91% 88% 85% 68% 63% 59% 59%     | D. dia.  40% 52% 58% 62% 67% 71% 72% 75% 82% 83% 88% 89% 90% 90% 90% 90% 90% 90% 90% 90% 90% 9 | N. ama.  43% 57% 61% 65% 69% 74% 78% 79% 86% 87% 92% 93% 94% 95% 98% 99% 99% 99% 99% 99% 99% 99% 99% 99                   | A. mex.  76%  88%  99%  100%  99%  88%  75%  93%  67%  69%  59%  60%  67%  77%  77%  77%  78%  78%  88%  88                  | N. str.  46% 60% 69% 69% 70% 71% 71% 76% 78% 78% 85% 86% 96% 100% 100% 100% 100% 57% 64% 67% 63%             | L. meg.  39% 60% 73% 77% 75% 79% 82% 82% 83% 84% 89% 90% 96% 96% 96% 96% 96% 96% 96% 96% 96% 96               | M. sal. 30% 46% 57% 60% 61% 65% 70% 72% 75% 80% 80% 80% 80% 80% 80% 81% 88% 90% 90% 94% 94% 94% 94% 98% 100% 100%          | C. cya 42% 64% 68% 72% 76% 7888 81% 82% 87% 88% 95% 96% 99% 97% 97% 97% 96% 99% 97% 97% 96% 99% 97%                     |

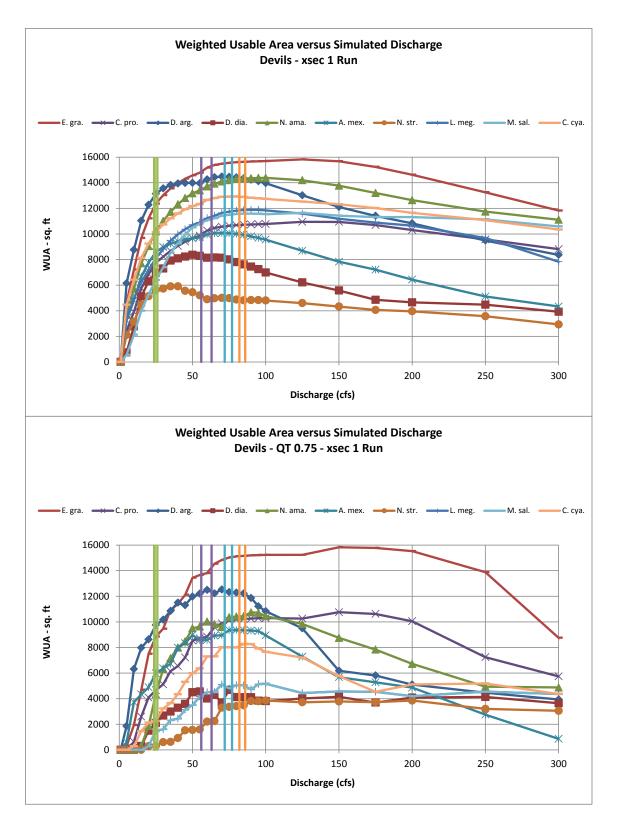


Figure 11-6 Weighted usable area versus simulated discharge at Devils River (Run 1).

Table 11-6 Percent of maximum WUA versus simulated discharge at Devils River (Run 1).

| Devils<br>Q  | -xsec 1 Run<br>Min All  | E. gra.  | C. pro.  | D. arg.  | D. dia.   | N. ama.  | A. mex.   | N. str.   | L. meg.  | M. sal.  | C. cya.   |
|--|---|--|--|--|---|--|---|---|--|--|---|
| 1  | 0%  | 0%   | 0%   | 0%   | 0%  | 0%   | 0%  | 0%  | 0%   | 0%   | 0%  |
| 5  | 5%  | 29%  | 22%  | 42%  | 9%  | 26%  | 32%   | 36%   | 30%  | 5%   | 35%   |
| 10   | 18%   | 46%  | 36%  | 61%  | 33%   | 40%  | 48%   | 53%   | 42%  | 18%  | 50%   |
| 15   | 34%   | 61%  | 53%  | 76%  | 61%   | 54%  | 66%   | 76%   | 53%  | 34%  | 63%   |
| 20   | 45%   | 71%  | 63%  | 85%  | 75%   | 63%  | 77%   | 87%   | 61%  | 45%  | 72%   |
| 25   | 55%   | 78%  | 71%  | 91%  | 83%   | 71%  | 85%   | 95%   | 68%  | 55%  | 78%   |
| 30   | 63%   | 82%  | 75%  | 94%  | 87%   | 77%  | 89%   | 97%   | 74%  | 63%  | 83%   |
| 35   | 73%   | 86%  | 79%  | 95%  | 95%   | 82%  | 92%   | 100%  | 80%  | 73%  | 87%   |
| 40   | 79%   | 88%  | 83%  | 96%  | 97%   | 86%  | 94%   | 100%  | 84%  | 79%  | 90%   |
| 45   | 86%   | 90%  | 86%  | 97%  | 98%   | 89%  | 95%   | 94%   | 87%  | 86%  | 92%   |
| 50   | 88%   | 92%  | 88%  | 97%  | 100%  | 92%  | 96%   | 92%   | 90%  | 90%  | 94%   |
| 55   | 88%   | 93%  | 90%  | 96%  | 99%   | 93%  | 97%   | 88%   | 92%  | 93%  | 95%   |
| 60   | 83%   | 96%  | 94%  | 99%  | 97%   | 95%  | 99%   | 83%   | 95%  | 95%  | 98%   |
| 65   | 84%   | 97%  | 96%  | 100%   | 98%   | 97%  | 100%  | 84%   | 96%  | 96%  | 99%   |
| 70   | 85%   | 98%  | 97%  | 100%   | 97%   | 98%  | 100%  | 85%   | 98%  | 98%  | 100%  |
| 75   | 84%   | 98%  | 97%  | 100%   | 96%   | 99%  | 100%  | 84%   | 99%  | 99%  | 100%  |
| 80   | 83%   | 99%  | 98%  | 100%   | 93%   | 99%  | 99%   | 83%   | 99%  | 99%  | 100%  |
| 85   | 82%   | 99%  | 98%  | 99%  | 91%   | 100%   | 99%   | 82%   | 100%   | 99%  | 100%  |
| 90   | 82%   | 99%  | 98%  | 98%  | 89%   | 100%   | 97%   | 82%   | 100%   | 99%  | 99%   |
| 95   | 82%   | 99%  | 98%  | 97%  | 87%   | 100%   | 96%   | 82%   | 100%   | 99%  | 99%   |
| 100  | 81%   | 99%  | 98%  | 96%  | 84%   | 100%   | 95%   | 81%   | 100%   | 99%  | 99%   |
| 125  | 74%   | 100%   | 100%   | 90%  | 74%   | 99%  | 86%   | 78%   | 98%  | 100%   | 97%   |
| 150  | 67%   | 99%  | 100%   | 84%  | 67%   | 96%  | 78%   | 73%   | 94%  | 98%  | 95%   |
| 175  | 58%   | 96%  | 98%  | 79%  | 58%   | 92%  | 72%   | 69%   | 92%  | 97%  | 93%   |
| 200  | 56%   | 92%  | 94%  | 75%  | 56%   | 88%  | 64%   | 67%   | 90%  | 97%  | 90%   |
| 250  | 51%   | 84%  | 87%  | 66%  | 53%   | 82%  | 51%   | 61%   | 81%  | 96%  | 86%   |
| 300  | 43%   | 75%  | 80%  | 58%  | 47%   | 77%  | 43%   | 50%   | 66%  | 91%  | 80%   |
| 350  | 37%   | 68%  | 76%  | 54%  | 38%   | 73%  | 37%   | 44%   | 51%  | 84%  | 73%   |
| 400  | 27%   | 63%  | 74%  | 49%  | 27%   | 68%  | 30%   | 33%   | 36%  | 77%  | 66%   |
| 500  | 1%  | 53%  | 73%  | 39%  | 1%  | 56%  | 17%   | 2%  | 21%  | 66%  | 54%   |
|  |   |  |  |  |   |  |   |   |  |  |   |
| Davila   | OT 0.75   | a 1 Dum  |  |  |   |  |   |   |  |  |   |
|  | - QT 0.75 - xse   |  | Cara   | Dara   | D dia   | Nama   | A may   | Note  | l mag  | M cal  | C 012   |
| Q  | Min All   | E. gra.  | C. pro.  | D. arg.  | D. dia.   | N. ama.  | A. mex.   | N. str.   | L. meg.  | M. sal.  | C. cya.   |
| Q<br>1   | Min All<br>0%   | E. gra.<br>0%  | 0%   | 0%   | 0%  | 0%   | 0%  | 0%  | 0%   | 0%   | 0%  |
| Q<br>1<br>5  | Min All<br>0%<br>0%   | E. gra.<br>0%<br>2%  | 0%<br>0%   | 0%<br>15%  | 0%<br>0%  | 0%<br>0%   | 0%<br>7%  | 0%<br>0%  | 0%<br>0%   | 0%<br>0%   | 0%<br>0%  |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>0%   | E. gra.<br>0%<br>2%<br>12%   | 0%<br>0%<br>6%   | 0%<br>15%<br>50%   | 0%<br>0%<br>0%  | 0%<br>0%<br>0%   | 0%<br>7%<br>40%   | 0%<br>0%<br>0%  | 0%<br>0%<br>0%   | 0%<br>0%<br>0%   | 0%<br>0%<br>3%  |
| Q<br>1<br>5<br>10<br>15  | Min All<br>0%<br>0%<br>0%<br>0%   | E. gra.<br>0%<br>2%<br>12%<br>30%  | 0%<br>0%<br>6%<br>24%  | 0%<br>15%<br>50%<br>64%  | 0%<br>0%<br>0%<br>6%  | 0%<br>0%<br>0%<br>3%   | 0%<br>7%<br>40%<br>46%  | 0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>3%<br>18%   |
| Q<br>1<br>5<br>10<br>15<br>20  | Min All 0% 0% 0% 0% 0% 6%   | E. gra.<br>0%<br>2%<br>12%<br>30%<br>47%   | 0%<br>0%<br>6%<br>24%<br>38%   | 0%<br>15%<br>50%<br>64%<br>69%   | 0%<br>0%<br>0%<br>6%<br>32%   | 0%<br>0%<br>0%<br>3%<br>17%  | 0%<br>7%<br>40%<br>46%<br>52%   | 0%<br>0%<br>0%<br>0%<br>7%  | 0%<br>0%<br>0%<br>0%<br>6%   | 0%<br>0%<br>0%<br>0%<br>6%   | 0%<br>0%<br>3%<br>18%<br>26%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25  | Min All  0%  0%  0%  0%  6%  8%   | E. gra.  0%  2%  12%  30%  47%  56%  | 0%<br>0%<br>6%<br>24%<br>38%   | 0%<br>15%<br>50%<br>64%<br>69%   | 0%<br>0%<br>0%<br>6%<br>32%<br>45%  | 0%<br>0%<br>0%<br>3%<br>17%<br>41%   | 0%<br>7%<br>40%<br>46%<br>52%   | 0%<br>0%<br>0%<br>0%<br>7%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%  | 0%<br>0%<br>3%<br>18%<br>26%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30  | Min All 0% 0% 0% 0% 6% 8% 16%   | E. gra.  0% 2% 12% 30% 47% 56%   | 0%<br>0%<br>6%<br>24%<br>38%<br>43%  | 0%<br>15%<br>50%<br>64%<br>69%<br>78%<br>81%   | 0%<br>0%<br>0%<br>6%<br>32%<br>45%  | 0%<br>0%<br>0%<br>3%<br>17%<br>41%   | 0%<br>7%<br>40%<br>46%<br>52%<br>64%  | 0%<br>0%<br>0%<br>0%<br>7%<br>8%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%   | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | Min All 0% 0% 0% 0% 6% 8% 16%   | E. gra.  0% 2% 12% 30% 47% 56% 60% 69%   | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%  | 0%<br>15%<br>50%<br>64%<br>69%<br>78%<br>81%<br>87%  | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%  | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%   | 0%<br>7%<br>40%<br>46%<br>52%<br>64%<br>68%<br>72%  | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%   | 0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%  | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | Min All  0%  0%  0%  0%  6%  8%  16%  16%  24%  | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72%   | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%<br>61%   | 0%<br>15%<br>50%<br>64%<br>69%<br>78%<br>81%<br>87%<br>92%   | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%   | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%  | 0% 7% 40% 46% 52% 64% 68% 72%   | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>16%<br>24%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%   | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | Min All  0%  0%  0%  0%  6%  8%  16%  16%  24%  40%   | E. gra.  0% 2% 12% 30% 47%  56%  60% 69% 72%   | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%<br>61%<br>67%  | 0%<br>15%<br>50%<br>64%<br>69%<br>78%<br>81%<br>87%<br>92%<br>90%                                    | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%   | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89%   | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>16%<br>24%<br>40%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%   | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All 0% 0% 0% 0% 6% 8% 16% 16% 24% 40%   | E. gra.  0%  2%  12%  30%  47%  56%  60%  69%  72%  77%  85%   | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%<br>61%<br>67%  | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90%   | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%   | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89%   | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>16%<br>24%<br>40%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%  | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All  0%  0%  0%  0%  6%  8%  16%  24%  40%  41%   | E. gra.  0%  2%  12%  30%  47%  56%  60%  69%  72%  77%  85%  86%  | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%<br>61%<br>67%<br>79%   | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96%   | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%   | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%  | 0%<br>7%<br>40%<br>46%<br>52%<br>64%<br>68%<br>72%<br>85%<br>89%<br>96%                             | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>16%<br>24%<br>40%<br>40%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%                                 | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%   | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60  | Min All  0%  0%  0%  0%  6%  8%  16%  24%  40%  40%  41%  | E. gra.  0%  2%  12%  30%  47%  56%  60%  69%  72%  77%  85%  86%  87%                                       | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%<br>61%<br>67%<br>79%<br>81%                                    | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100%  | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%<br>97%  | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92%   | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>16%<br>24%<br>40%<br>40%<br>41%  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%                   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%   | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%<br>77%<br>88%                                      |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65  | Min All  0%  0%  0%  0%  6%  8%  16%  16%  24%  40%  40%  41%  57%  58%   | E. gra.  0%  2%  12%  30%  47%  56%  60%  69%  72%  77%  85%  86%  87%  92%                                  | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>44%<br>57%<br>61%<br>67%<br>79%<br>81%<br>82%                             | 0% 15% 50% 64% 69% 78% 81% 87% 90% 96% 97% 100% 98%  | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%<br>97%  | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%   | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95%   | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>24%<br>40%<br>40%<br>41%<br>57%<br>58%   | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%   | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%<br>77%<br>88%                                      |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65  | Min All  0%  0%  0%  0%  6%  8%  16%  24%  40%  41%  57%  58%  79%  | E. gra.  0%  2%  12%  30%  47%  56%  60%  69%  72%  77%  85%  86%  87%  92%                                  | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%<br>61%<br>67%<br>79%<br>81%<br>82%<br>89%                      | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100%  | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%<br>97%<br>86%<br>92%                              | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%   | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95%   | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>24%<br>40%<br>40%<br>41%<br>57%<br>58%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>87%            | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>87%  | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%<br>77%<br>88%<br>88%                               |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75  | Min All  0%  0%  0%  0%  6%  8%  16%  24%  40%  41%  57%  58%  79%  87%   | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 94%   | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%<br>61%<br>67%<br>79%<br>81%<br>82%<br>89%<br>92%<br>94%        | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98%  | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%<br>97%<br>86%<br>92%                              | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%   | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95% 96% 100%  | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>24%<br>40%<br>40%<br>41%<br>57%<br>58%<br>85%                                    | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>99%<br>93%   | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%<br>77%<br>88%<br>88%<br>97%                        |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80  | Min All  0%  0%  0%  0%  6%  8%  16%  24%  40%  41%  57%  58%  79%  87%  88%  | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 94% 95%                                       | 0% 0% 6% 24% 38% 43% 48% 57% 61% 67% 79% 81% 82% 89% 92% 94%   | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98%                                     | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%<br>97%<br>86%<br>92%<br>79%                       | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%<br>89%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95% 100%  | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>24%<br>40%<br>40%<br>41%<br>57%<br>58%<br>85%<br>87%                             | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>99%<br>93%   | 0% 0% 3% 18% 26% 27% 39% 44% 52% 64% 72% 77% 88% 88% 97% 97%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80  | Min All  0%  0%  0%  0%  6%  8%  16%  24%  40%  41%  57%  58%  79%  87%  88%  | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 85% 86% 87% 92% 94% 95% 96%                                       | 0%<br>0%<br>6%<br>24%<br>38%<br>43%<br>48%<br>57%<br>61%<br>67%<br>79%<br>81%<br>82%<br>89%<br>92%<br>94%<br>95% | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98%                                 | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>96%<br>97%<br>86%<br>92%<br>79%<br>100%<br>88%               | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%<br>89%<br>96%<br>97%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 100% 100%   | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>24%<br>40%<br>40%<br>411%<br>57%<br>58%<br>85%<br>87%<br>89%                     | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98%                                       | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>87%<br>99%<br>93%<br>98%                                     | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%<br>77%<br>88%<br>88%<br>97%<br>97%                 |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | Min All  0%  0%  0%  6%  8%  16%  16%  24%  40%  41%  57%  58%  79%  87%  88%  88%                                      | E. gra.  0%  2%  12%  30%  47%  56%  60%  72%  77%  85%  86%  87%  92%  94%  95%  96%  96%                   | 0% 0% 6% 24% 38% 43% 48% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95%   | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 95%                             | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>97%<br>86%<br>92%<br>79%<br>100%<br>88%<br>88%               | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>919<br>89%<br>96%<br>97%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 100% 100%   | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>24%<br>40%<br>41%<br>57%<br>58%<br>85%<br>87%<br>89%                             | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98%                                       | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>87%<br>99%<br>93%<br>98%                                     | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%<br>77%<br>88%<br>88%<br>97%<br>97%<br>97%          |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | Min All  0%  0%  0%  0%  6%  8%  16%  16%  40%  41%  57%  58%  79%  87%  88%  88%  88%                                  | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 96% 96%                                       | 0% 0% 6% 24% 38% 43% 48% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 95%   | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 98% 99%                         | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%<br>97%<br>86%<br>92%<br>100%<br>88%<br>88%<br>88% | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%<br>89%<br>97%<br>100%   | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95% 96% 100% 100% 100%                                | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>24%<br>40%<br>40%<br>41%<br>57%<br>58%<br>85%<br>87%<br>89%<br>90%<br>99%        | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 99% 99% 99%   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>99%<br>99%   | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%<br>77%<br>88%<br>88%<br>97%<br>97%<br>100%         |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90  | Min All  0%  0%  0%  0%  6%  8%  16%  16%  40%  41%  57%  58%  79%  87%  88%  88%  88%  88%                             | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 96% 96% 96%                                   | 0% 0% 6% 24% 38% 43% 48% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 95% 96%   | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 98% 98% 98%                     | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%<br>92%<br>79%<br>100%<br>88%<br>88%<br>88%<br>88% | 0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%<br>89%<br>96%<br>97%<br>100%                                    | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95% 100% 100% 100% 99%                                | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>16%<br>24%<br>40%<br>40%<br>41%<br>57%<br>58%<br>85%<br>87%<br>89%<br>90%<br>99% | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 99% 100%                                      | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>87%<br>99%<br>99%<br>99%                                     | 0%<br>0%<br>3%<br>18%<br>26%<br>27%<br>39%<br>44%<br>52%<br>64%<br>72%<br>77%<br>88%<br>88%<br>97%<br>97%<br>100%<br>100% |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125  | Min All  0%  0%  0%  0%  6%  8%  16%  16%  40%  41%  57%  58%  79%  88%  88%  88%  88%                                  | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 94% 95% 96% 96% 96% 96%                       | 0% 0% 6% 24% 38% 43% 448% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 95% 96% 96% 95%                                | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 98% 98% 98% 98%                 | 0%<br>0%<br>0%<br>6%<br>32%<br>45%<br>57%<br>64%<br>70%<br>77%<br>96%<br>92%<br>79%<br>100%<br>88%<br>88%<br>88%<br>88% | 0%<br>0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%<br>89%<br>96%<br>97%<br>100%<br>100%<br>97%               | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95% 100% 100% 100% 99% 96% 78%                        | 0%<br>0%<br>0%<br>0%<br>7%<br>8%<br>16%<br>16%<br>24%<br>40%<br>40%<br>41%<br>57%<br>58%<br>85%<br>87%<br>89%<br>90%<br>99% | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 99% 100% 86%                                  | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>87%<br>99%<br>99%<br>100%<br>86%                             | 0% 0% 3% 18% 26% 27% 39% 44% 52% 64% 72% 77% 88% 88% 97% 97% 100% 96% 93% 87%   |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150   | Min All  0%  0%  0%  0%  6%  8%  16%  16%  40%  40%  41%  57%  58%  79%  87%  88%  88%  88%  88%  84%  84%              | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 94% 95% 96% 96% 96% 100%                      | 0% 0% 6% 24% 38% 43% 44% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 96% 95% 100%                                    | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 98% 98% 49%                     | 0% 0% 0% 6% 32% 45% 57% 64% 70% 77% 96% 92% 79% 100% 88% 88% 88% 88% 88% 88% 88% 89%                                    | 0%<br>0%<br>0%<br>0%<br>3%<br>17%<br>41%<br>59%<br>67%<br>74%<br>79%<br>88%<br>90%<br>93%<br>91%<br>89%<br>96%<br>97%<br>100%<br>100%<br>97%<br>92%<br>81% | 0% 7% 40% 46% 52% 64% 68% 75% 89% 96% 92% 95% 96% 100% 100% 100% 99% 96% 78%                        | 0% 0% 0% 0% 7% 8% 16% 16% 24% 40% 41% 57% 58% 85% 87% 89% 90% 99% 100% 97% 98%  | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 99% 93% 98% 98% 98% 98% 98% 98% 98%                   | 0%<br>0%<br>0%<br>0%<br>6%<br>28%<br>31%<br>45%<br>47%<br>61%<br>68%<br>80%<br>87%<br>99%<br>93%<br>98%<br>98%<br>92%<br>99%<br>100%<br>86%<br>88% | 0% 0% 3% 18% 26% 27% 39% 44% 52% 64% 72% 77% 88% 88% 97% 97% 100% 96% 93% 87% 70%   |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>95<br>100<br>125<br>150<br>175  | Min All  0%  0%  0%  0%  6%  8%  16%  16%  40%  41%  57%  58%  79%  87%  88%  88%  88%  84%  84%  84%  84               | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 94% 95% 96% 96% 96% 100%                      | 0% 0% 6% 24% 38% 43% 44% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 95% 96% 96% 96% 99%                             | 0% 15% 50% 64% 69% 78% 81% 87% 90% 96% 97% 100% 98% 100% 98% 98% 98% 98% 98% 96%                     | 0% 0% 0% 6% 32% 45% 57% 64% 70% 77% 96% 92% 79% 86% 92% 88% 88% 88% 88% 88% 89% 79%                                     | 0% 0% 0% 0% 3% 17% 41% 59% 67% 74% 79% 88% 90% 93% 91% 89% 96% 97% 100% 100% 97% 92% 81%   | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95% 100% 100% 100% 100% 56% 61% 56%                   | 0% 0% 0% 0% 7% 8% 16% 16% 24% 40% 41% 57% 58% 85% 87% 89% 90% 99% 100% 97% 98% 97%  | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98% 98% 98% 98% 98% 98% 98%               | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 99% 93% 98% 98% 98% 98% 98% 98% 98%   | 0% 0% 3% 18% 26% 27% 39% 44% 52% 64% 72% 77% 88% 88% 97% 97% 100% 96% 93% 87% 70% 55%                                     |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>99<br>95<br>100<br>125<br>150<br>175<br>200   | Min All  0%  0%  0%  0%  6%  8%  16%  24%  40%  41%  57%  58%  79%  87%  88%  88%  88%  84%  84%  84%  84               | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 94% 95% 96% 96% 96% 100% 100% 98%             | 0% 0% 6% 24% 38% 43% 44% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 96% 96% 96% 96% 99% 93%                         | 0% 15% 50% 64% 69% 78% 81% 87% 90% 96% 97% 100% 98% 100% 98% 98% 98% 94% 46% 41%                     | 0% 0% 0% 6% 32% 45% 57% 64% 70% 77% 96% 92% 79% 86% 92% 79% 100% 88% 88% 88% 88% 88% 88% 88% 88% 88%                    | 0% 0% 0% 3% 17% 41% 59% 67% 74% 79% 88% 90% 93% 91% 89% 96% 97% 100% 100% 97% 92% 81% 73% 63%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 92% 910% 100% 100% 100% 100% 100% 56% 52%             | 0% 0% 0% 0% 7% 8% 16% 24% 40% 41% 57% 58% 85% 87% 89% 90% 99% 100% 97% 98% 97% 100%   | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98% 92% 100% 86% 88% 88% 81%              | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98% 92% 99% 100% 86% 88% 88% 81%  | 0% 0% 3% 18% 26% 27% 39% 44% 52% 644% 72% 77% 88% 88% 97% 97% 90% 100% 96% 93% 87% 70% 55% 62%                            |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>100<br>125<br>150<br>175<br>200<br>250  | Min All  0%  0%  0%  0%  6%  8%  16%  24%  40%  41%  57%  58%  79%  87%  88%  88%  88%  84%  84%  84%  84               | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 94% 95% 96% 96% 100% 100% 98% 88%             | 0% 0% 6% 24% 38% 43% 44% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 95% 96% 96% 96% 96% 99% 93% 67%                 | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 98% 94% 46% 41% 36%             | 0% 0% 0% 6% 32% 45% 57% 64% 70% 77% 96% 92% 100% 88% 88% 88% 88% 88% 88% 88% 88%  | 0% 0% 0% 3% 17% 41% 59% 67% 74% 79% 88% 90% 93% 91% 89% 96% 97% 100% 100% 97% 46%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95% 96% 100% 100% 100% 100% 56% 52% 29%               | 0% 0% 0% 0% 7% 8% 16% 16% 40% 40% 41% 57% 58% 85% 87% 89% 90% 99% 100% 97% 98% 97% 100% 83%                                 | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 99% 93% 98% 92% 100% 86% 88% 88% 81% 88%              | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 99% 93% 98% 92% 100% 86% 88% 88% 81% 88%  | 0% 0% 3% 18% 26% 27% 39% 44% 52% 64% 72% 77% 88% 88% 97% 97% 90% 100% 96% 93% 87% 70% 55% 62% 63%                         |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>200<br>250<br>300<br>300<br>300<br>300<br>300<br>300<br>300<br>300<br>300<br>3 | Min All  0%  0%  0%  6%  8%  16%  16%  24%  40%  41%  57%  58%  79%  87%  88%  88%  88%  49%  46%  41%  29%  9%         | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 96% 96% 96% 96% 100% 100% 98% 88%             | 0% 0% 6% 24% 38% 43% 48% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 95% 96% 95% 100% 99% 93% 67% 53%                | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 98% 94% 46% 41% 36% 31%         | 0% 0% 0% 6% 32% 45% 57% 64% 70% 77% 96% 97% 86% 92% 100% 88% 88% 88% 88% 88% 82% 81% 86% 89% 79% 86%                    | 0% 0% 0% 3% 17% 41% 59% 67% 74% 79% 88% 90% 93% 91% 89% 96% 97% 100% 100% 97% 46% 45%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 100% 100% 100% 100% 100% 56% 52% 29% 9%                   | 0% 0% 0% 0% 7% 8% 16% 16% 40% 41% 57% 58% 85% 87% 89% 90% 99% 100% 97% 98% 97% 100% 83% 79%                                 | 0% 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98 | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98  | 0% 0% 3% 18% 26% 27% 39% 44% 52% 64% 72% 77% 88% 88% 97% 97% 100% 96% 93% 87% 70% 55% 62% 63% 53%                         |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65<br>77<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>200<br>250<br>300<br>350<br>350<br>350<br>350<br>350<br>350<br>350<br>350<br>3 | Min All  0%  0%  0%  0%  6%  8%  16%  16%  40%  41%  57%  58%  87%  88%  88%  88%  84%  49%  49%  46%  41%  29%  9%  3% | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 96% 96% 96% 96% 96% 100% 100% 98% 88% 55% 37% | 0% 0% 6% 24% 38% 43% 48% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 96% 96% 95% 100% 99% 93% 67% 53%                | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 98% 98% 94% 46% 41% 36% 31% 26% | 0% 0% 0% 6% 32% 45% 57% 64% 70% 77% 96% 97% 86% 92% 100% 88% 88% 88% 88% 82% 81% 86% 89% 79% 86% 89% 79% 86%            | 0% 0% 0% 0% 3% 17% 41% 59% 67% 74% 79% 88% 90% 93% 91% 89% 96% 97% 100% 100% 97% 92% 81% 73% 63% 46% 45% 42%   | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 92% 95% 100% 100% 100% 100% 50% 78% 61% 56% 52% 29% 9% 3% | 0% 0% 0% 0% 7% 8% 16% 16% 24% 40% 41% 57% 58% 85% 87% 89% 90% 99% 100% 97% 98% 97% 100% 83% 79% 62%                         | 0% 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 100% 86% 88% 88% 88% 88% 88% 88%           | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 99% 100% 86% 88% 88% 88% 81% 88% 85%  | 0% 0% 3% 18% 26% 27% 39% 44% 52% 64% 72% 77% 88% 88% 97% 97% 100% 100% 96% 93% 87% 70% 55% 662% 63% 53%                   |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>200<br>250<br>300<br>300   | Min All  0%  0%  0%  6%  8%  16%  16%  24%  40%  41%  57%  58%  79%  87%  88%  88%  88%  49%  46%  41%  29%  9%         | E. gra.  0% 2% 12% 30% 47% 56% 60% 69% 72% 77% 85% 86% 87% 92% 96% 96% 96% 96% 100% 100% 98% 88%             | 0% 0% 6% 24% 38% 43% 48% 57% 61% 67% 79% 81% 82% 89% 92% 94% 95% 95% 96% 95% 100% 99% 93% 67% 53%                | 0% 15% 50% 64% 69% 78% 81% 87% 92% 90% 96% 97% 100% 98% 100% 98% 98% 98% 94% 46% 41% 36% 31%         | 0% 0% 0% 6% 32% 45% 57% 64% 70% 77% 96% 97% 86% 92% 100% 88% 88% 88% 88% 88% 82% 81% 86% 89% 79% 86%                    | 0% 0% 0% 3% 17% 41% 59% 67% 74% 79% 88% 90% 93% 91% 89% 96% 97% 100% 100% 97% 46% 45%  | 0% 7% 40% 46% 52% 64% 68% 72% 85% 89% 96% 100% 100% 100% 100% 100% 56% 52% 29% 9%                   | 0% 0% 0% 0% 7% 8% 16% 16% 40% 41% 57% 58% 85% 87% 89% 90% 99% 100% 97% 98% 97% 100% 83% 79%                                 | 0% 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98 | 0% 0% 0% 0% 6% 28% 31% 45% 47% 61% 68% 80% 87% 87% 99% 93% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98  | 0% 0% 0% 3% 18% 26% 27% 39% 44% 52% 64% 72% 77% 88% 88% 97% 97% 100% 100% 96% 93% 87% 70% 55% 62% 63% 53%                 |

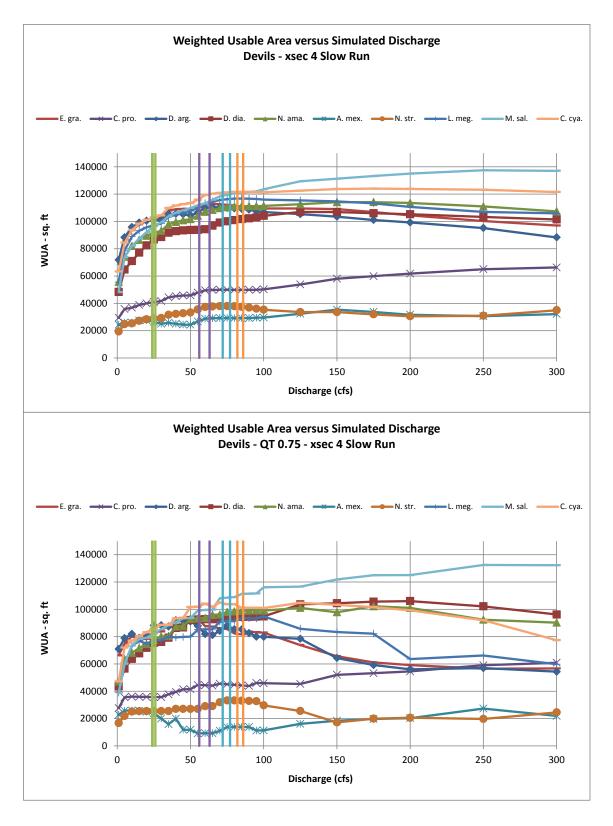


Figure 11-7 Weighted usable area versus simulated discharge at Devils River (Run 2).

Table 11-7 Percent of maximum WUA versus simulated discharge at Devils River (Run 2).

| Q  | Min All   | E. gra.   | C. pro.  | D. arg.   | D. dia.  | N. ama.  | A. mex.  | N. str.   | L. meg.  | M. sal.  | C. cya  |
|--|---|---|--|---|--|--|--|---|--|--|---|
| 1  | 36%   | 61%   | 49%  | 65%   | 45%  | 49%  | 69%  | 51%   | 48%  | 36%  | 51%   |
| 5  | 55%   | 77%   | 60%  | 80%   | 60%  | 65%  | 73%  | 65%   | 68%  | 55%  | 68%   |
| 10   | 61%   | 83%   | 61%  | 87%   | 66%  | 72%  | 73%  | 67%   | 76%  | 62%  | 76%   |
| 15   | 65%   | 87%   | 65%  | 90%   | 72%  | 76%  | 78%  | 72%   | 80%  | 66%  | 79%   |
| 20   | 67%   | 89%   | 67%  | 91%   | 77%  | 78%  | 78%  | 74%   | 82%  | 69%  | 82%   |
| 25   | 68%   | 91%   | 68%  | 91%   | 81%  | 80%  | 75%  | 76%   | 83%  | 72%  | 83%   |
| 30   | 70%   | 91%   | 70%  | 91%   | 83%  | 82%  | 71%  | 77%   | 84%  | 75%  | 84%   |
| 35   | 73%   | 96%   | 74%  | 95%   | 86%  | 86%  | 73%  | 83%   | 88%  | 78%  | 89%   |
| 40   | 71%   | 97%   | 76%  | 96%   | 87%  | 87%  | 71%  | 85%   | 90%  | 80%  | 90%   |
| 45   | 69%   | 97%   | 76%  | 95%   | 87%  | 88%  | 69%  | 86%   | 91%  | 81%  | 91%   |
| 50   | 69%   | 96%   | 77%  | 95%   | 88%  | 89%  | 69%  | 87%   | 92%  | 82%  | 91%   |
| 55   | 76%   | 98%   | 80%  | 96%   | 88%  | 91%  | 76%  | 94%   | 94%  | 84%  | 93%   |
| 60<br>CE   | 81%   | 100%  | 83%  | 100%  | 88%  | 94%  | 81%  | 98%   | 97%  | 85%  | 96%   |
| 65   | 82%   | 100%  | 83%  | 100%  | 91%  | 95%  | 82%  | 99%   | 98%  | 87%  | 97%   |
| 70<br>75   | 83%<br>83%  | 100%<br>99%   | 83%<br>83%   | 100%<br>99%   | 93%<br>94%   | 96%<br>97%   | 83%<br>83%   | 100%<br>100%  | 99%<br>100%  | 89%<br>90%   | 97%   |
| 75<br>80   | 82%   | 99%   | 83%  | 99%   | 94%  |  | 82%  | 100%  | 100%   | 90%  | 98%<br>98%  |
| 85   | 82%   | 98%   | 83%  | 99%   | 95%  | 97%<br>97%   | 82%  | 98%   | 100%   | 91%  | 98%   |
| 90   |   |   |  |   |  |  |  |   |  |  |   |
| 90<br>95   | 82%<br>83%  | 98%<br>97%  | 83%<br>83%   | 98%<br>97%  | 96%<br>96%   | 97%<br>97%   | 82%<br>83%   | 97%<br>95%  | 100%   | 91%<br>92%   | 98%   |
| 100  | 84%   | 97%   | 84%  | 97%   | 97%  | 98%  | 84%  | 93%   | 99%  | 93%  | 98%   |
| 125  | 88%   | 97%   | 90%  | 95%   | 100%   | 99%  | 92%  | 88%   | 99%  | 97%  | 99%   |
| 150  | 88%   | 97%   | 97%  | 94%   | 100%   | 100%   | 100%   | 88%   | 98%  | 99%  | 1009  |
| 175  | 84%   | 95%   | 100%   | 92%   | 99%  | 100%   | 95%  | 84%   | 97%  | 100%   | 1009  |
| 200  | 80%   | 93%   | 103%   | 90%   | 98%  | 100%   | 90%  | 80%   | 95%  | 101%   | 1009  |
| 250  | 81%   | 89%   | 109%   | 86%   | 97%  | 97%  | 86%  | 81%   | 92%  | 103%   | 99%   |
| 300  | 80%   | 86%   | 111%   | 80%   | 95%  | 94%  | 91%  | 92%   | 91%  | 103%   | 98%   |
| 350  | 74%   | 82%   | 109%   | 74%   | 94%  | 91%  | 91%  | 98%   | 88%  | 103%   | 97%   |
| 100  | 71%   | 80%   | 115%   | 71%   | 93%  | 90%  | 106%   | 111%  | 85%  | 105%   | 99%   |
| 500  | 74%   | 82%   | 133%   | 74%   | 86%  | 91%  | 144%   | 140%  | 83%  | 110%   | 1079  |
| مانىما   | OT 0.75 .va   | a a 4 Clavy Dua   |  |   |  |  |  |   |  |  |   |
| Q  | - QT 0.75 - xse<br>Min All  | E. gra.   | C. pro.  | D. arg.   | D. dia.  | N. ama.  | A. mex.  | N. str.   | L. meg.  | M. sal.  |   |
| Q<br>1   | Min All<br>31%  | E. gra.<br>71%  | 52%  | 77%   | 41%  | 46%  | 88%  | 50%   | 41%  | 31%  | 45%   |
| Q<br>1<br>5  | Min All<br>31%<br>48%   | E. gra. 71% 81%   | 52%<br>67%   | 77%<br>86%  | 41%<br>54%   | 46%<br>62%   | 88%<br>100%  | 50%<br>66%  | 41%<br>63%   | 31%<br>48%   | 45%<br>69%  |
| Q<br>1<br>5<br>10  | Min All<br>31%<br>48%<br>59%  | E. gra. 71% 81% 86%   | 52%<br>67%<br>68%  | 77%<br>86%<br>89%   | 41%<br>54%<br>60%  | 46%<br>62%<br>67%  | 88%<br>100%<br>100%  | 50%<br>66%<br>75%   | 41%<br>63%<br>77%  | 31%<br>48%<br>59%  | 45%<br>69%<br>73%   |
| Q<br>1<br>5<br>10<br>15  | Min All<br>31%<br>48%<br>59%<br>63%   | E. gra. 71% 81% 86% 84%   | 52%<br>67%<br>68%<br>68%   | 77%<br>86%<br>89%<br>86%  | 41%<br>54%<br>60%<br>64%   | 46%<br>62%<br>67%<br>70%   | 88%<br>100%<br>100%<br>99%   | 50%<br>66%<br>75%<br>76%  | 41%<br>63%<br>77%<br>81%   | 31%<br>48%<br>59%<br>63%   | 45%<br>69%<br>73%<br>77%  |
| Q<br>1<br>5<br>10<br>15<br>20  | Min All<br>31%<br>48%<br>59%<br>63%   | E. gra. 71% 81% 86% 84%   | 52%<br>67%<br>68%<br>68%<br>67%  | 77%<br>86%<br>89%<br>86%<br>88%   | 41%<br>54%<br>60%<br>64%<br>68%  | 46%<br>62%<br>67%<br>70%<br>73%  | 88%<br>100%<br>100%<br>99%<br>96%  | 50%<br>66%<br>75%<br>76%<br>76%   | 41%<br>63%<br>77%<br>81%<br>79%  | 31%<br>48%<br>59%<br>63%   | 45%<br>69%<br>73%<br>77%<br>79%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25  | Min All 31% 48% 59% 63% 63% 66%   | E. gra. 71% 81% 86% 84% 84% 90%   | 52%<br>67%<br>68%<br>68%<br>67%  | 77%<br>86%<br>89%<br>86%<br>88%<br>96%  | 41%<br>54%<br>60%<br>64%<br>68%<br>71%   | 46%<br>62%<br>67%<br>70%<br>73%  | 88%<br>100%<br>100%<br>99%<br>96%<br>92%   | 50%<br>66%<br>75%<br>76%<br>76%   | 41%<br>63%<br>77%<br>81%<br>79%<br>81%   | 31%<br>48%<br>59%<br>63%<br>63%  | 45%<br>69%<br>73%<br>77%<br>79%<br>82%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25  | Min All 31% 48% 59% 63% 63% 66% 67%   | E. gra.  71%  81%  86%  84%  84%  90%   | 52%<br>67%<br>68%<br>68%<br>67%<br>67%   | 77%<br>86%<br>89%<br>86%<br>88%<br>96%  | 41%<br>54%<br>60%<br>64%<br>68%<br>71%<br>72%  | 46%<br>62%<br>67%<br>70%<br>73%<br>76%   | 88%<br>100%<br>100%<br>99%<br>96%<br>92%<br>77%  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%  | 41%<br>63%<br>77%<br>81%<br>79%<br>81%<br>82%  | 31%<br>48%<br>59%<br>63%<br>63%<br>66%   | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | Min All 31% 48% 59% 63% 63% 66% 67% 61%   | E. gra. 71% 81% 86% 84% 84% 90% 90%   | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%   | 77%<br>86%<br>89%<br>86%<br>88%<br>96%<br>96%<br>95%  | 41%<br>54%<br>60%<br>64%<br>68%<br>71%<br>72%<br>75%   | 46% 62% 67% 70% 73% 76% 79%  | 88%<br>100%<br>100%<br>99%<br>96%<br>92%<br>77%<br>61%   | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%   | 41%<br>63%<br>77%<br>81%<br>79%<br>81%<br>82%<br>84%   | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>66%  | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72%   | E. gra.  71%  81%  86%  84%  84%  90%  90%  95%  97%  | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%   | 77%<br>86%<br>89%<br>86%<br>88%<br>96%<br>96%<br>95%<br>100%  | 41%<br>54%<br>60%<br>64%<br>68%<br>71%<br>72%<br>75%<br>82%  | 46%<br>62%<br>67%<br>70%<br>73%<br>76%<br>79%<br>79%<br>85%                                    | 88%<br>100%<br>100%<br>99%<br>96%<br>92%<br>77%<br>61%<br>77%                                  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%   | 41%<br>63%<br>77%<br>81%<br>79%<br>81%<br>82%<br>84%<br>84%  | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>68%<br>71%<br>72%  | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46%   | E. gra.  71%  81%  86%  84%  84%  90%  90%  95%  97%  100%  | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%<br>78%  | 77% 86% 89% 86% 88% 96% 96% 95% 100%  | 41% 54% 60% 64% 68% 71% 72% 75% 82%  | 46% 62% 67% 70% 73% 76% 79% 79% 85% 86%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46%  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%   | 41%<br>63%<br>77%<br>81%<br>79%<br>81%<br>82%<br>84%<br>84%<br>84%   | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>66%<br>71%<br>72%<br>75%   | C. cya<br>45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%                                 |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45%   | E. gra.  71% 81% 86% 84% 90% 90% 95% 97% 100%   | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%   | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99%   | 41% 54% 60% 64% 68% 71% 72% 75% 82% 82% 87%  | 46% 62% 67% 70% 73% 76% 79% 79% 85% 86% 91%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45%  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%  | 41%<br>63%<br>77%<br>81%<br>79%<br>81%<br>82%<br>84%<br>84%<br>84%   | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>68%<br>71%<br>72%<br>75%   | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%                                    |
| Q<br>1<br>5<br>10<br>115<br>220<br>225<br>330<br>335<br>440<br>445<br>550  | Min All 31% 48% 59% 63% 66% 67% 61% 72% 46% 45%   | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100%  | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%  | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99%   | 41% 54% 60% 64% 68% 71% 72% 75% 82% 82% 87%  | 46% 62% 67% 70% 73% 76% 79% 79% 85% 86% 91%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35%  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>766<br>81%<br>81%<br>81%   | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90%  | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>71%<br>72%<br>75%<br>75%   | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%                                    |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>33<br>40<br>45<br>50  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36%   | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100%  | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%<br>78%  | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89%   | 41% 54% 60% 64% 68% 71% 72% 75% 82% 82% 87%  | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36%  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%   | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90%  | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>68%<br>71%<br>72%<br>75%<br>75%                                    | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%<br>97%                             |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>335<br>40<br>45<br>50<br>55<br>60<br>65   | Min All 31% 48% 59% 63% 66% 67% 61% 72% 46% 45%   | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100% 94% 94%  | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%   | 77% 86% 89% 86% 88% 96% 96% 9100% 100% 99% 95% 89%  | 41% 54% 60% 64% 68% 71% 72% 75% 82% 82% 87% 88% 88%  | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 36%                                      | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>81%  | 41% 63% 77% 81% 79% 81% 82% 84% 84% 84% 90% 90%  | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>68%<br>71%<br>75%<br>75%<br>75%<br>80%<br>80%                      | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%<br>97%<br>99%                      |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>65<br>70  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 36%   | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100%  | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%<br>83%  | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89%   | 41% 54% 60% 64% 68% 71% 72% 75% 82% 82% 87%  | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92% 94%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36%  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%   | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90%  | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>68%<br>71%<br>72%<br>75%<br>75%                                    | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%<br>97%<br>99%<br>97%               |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>65<br>70  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 36%   | E. gra.  71%  81%  86%  84%  84%  90%  90%  95%  97%  100%  100%  94%  94%  92%                         | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%   | 77% 86% 89% 86% 88% 96% 96% 90% 100% 100% 99% 95% 89% 88%   | 41% 54% 60% 64% 68% 71% 72% 75% 82% 82% 87% 88% 88%  | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92%  | 88% 100% 100% 99% 96% 92% 77% 61% 46% 45% 35% 36% 43%  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>88%  | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90% 90%  | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>68%<br>71%<br>75%<br>75%<br>75%<br>80%<br>80%                      | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%<br>97%<br>99%<br>99%               |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 43%   | E. gra.  71% 81% 86% 84% 84% 90% 90% 91% 100% 100% 100% 94% 94% 92%                                     | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%<br>83%<br>86%<br>85%   | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96%   | 41% 54% 60% 64% 68% 71% 72% 75% 82% 87% 88% 88% 88%  | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 91% 94% 96%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 43% 53%                                  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>88%<br>96%<br>100%   | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90% 96% 96%  | 31%<br>48%<br>59%<br>63%<br>63%<br>66%<br>68%<br>71%<br>72%<br>75%<br>75%<br>79%<br>80%<br>80%<br>86%<br>87% | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%<br>97%<br>99%<br>99%               |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 43% 53%                                     | E. gra.  71%  81%  86%  84%  84%  90%  90%  95%  97%  100%  100%  100%  94%  94%  92%  88%              | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%<br>83%<br>86%  | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93%   | 41% 54% 60% 64% 68% 71% 72% 75% 82% 87% 88% 88% 88% 88%  | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 91% 94% 94%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 43% 53%                                  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>81%<br>81%<br>80%<br>100%  | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90% 96% 96%  | 31% 48% 59% 63% 63% 66% 68% 71% 75% 75% 80% 80% 86% 87%  | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%<br>97%<br>99%<br>99%<br>99%        |
| Q<br>1 5<br>10 15<br>220 25<br>330 35<br>440 45<br>550 65<br>70 75<br>880 885  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 43% 53% 54%                                 | E. gra.  71%  81%  86%  84%  84%  90%  90%  95%  97%  100%  100%  94%  94%  92%  92%  88%  88%          | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%<br>85%<br>84%  | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93%   | 41% 54% 60% 64% 68% 71% 72% 75% 82% 82% 87% 88% 88% 88% 88% 88%                                    | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 91% 94% 96% 96%  | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 43% 53% 54%                              | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>81%<br>81%<br>96%<br>100%<br>100%  | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90% 96% 96% 99%  | 31% 48% 59% 63% 63% 66% 68% 71% 72% 75% 79% 80% 80% 86% 87% 87%  | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%<br>97%<br>97%<br>99%<br>99%<br>96%        |
| Q<br>1<br>5<br>10<br>115<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990  | Min All 31% 48% 59% 63% 66% 667% 61% 72% 46% 45% 35% 36% 36% 43% 53% 54%                                | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100% 24% 94% 92% 88% 88% 90%                          | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%<br>85%<br>84%<br>83%<br>85%  | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93% 93%                                     | 41% 54% 60% 64% 68% 71% 72% 75% 82% 82% 87% 88% 88% 88% 88% 88% 99% 90%                            | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92% 94% 96% 96% 97%                                    | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 36% 43% 53% 54%                          | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>81%<br>81%<br>96%<br>100%<br>100%<br>99%                                   | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90% 96% 96% 99% 98%  | 31% 48% 59% 63% 63% 66% 68% 71% 72% 75% 79% 80% 80% 86% 87% 87% 89%  | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>89%<br>89%<br>97%<br>99%<br>99%<br>99%<br>96%<br>96% |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95   | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 35% 36% 43% 53% 54% 53% 43%                 | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100% 24% 94% 92% 88% 88% 88%                          | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%<br>78%<br>78%<br>84%<br>83%<br>85%<br>85%<br>84%  | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93% 93% 90%                                 | 41% 54% 60% 64% 688 71% 72% 75% 82% 82% 87% 88% 88% 88% 90% 90%                                    | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 91% 94% 94% 96% 96% 97% 97%                            | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 35% 36% 43% 53% 43%                      | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>76%<br>81%<br>81%<br>81%<br>81%<br>810<br>81%<br>99%<br>99%   | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90% 90% 96% 96% 96% 98%  | 31% 48% 59% 63% 63% 66% 68% 71% 75% 75% 80% 80% 86% 87% 89% 89%  | 45% 69% 73% 77% 79% 82% 84% 85% 89% 97% 99% 96% 96% 96%   |
| Q<br>1<br>5<br>10<br>15<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990<br>900<br>225   | Min All 31% 48% 59% 63% 63% 66% 67% 611% 45% 35% 36% 45% 35% 36% 43% 53% 44%                            | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100% 94% 94% 92% 92% 88% 88% 90%                      | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%<br>78%<br>78%<br>84%<br>83%<br>85%<br>84%<br>85%<br>84%   | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93% 93% 93% 87%                             | 41% 54% 60% 64% 688 71% 72% 75% 82% 82% 87% 88% 88% 99% 99% 99%                                    | 46% 62% 67% 70% 73% 76% 79% 79% 85% 86% 91% 91% 92% 94% 96% 96% 97% 97%                        | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 36% 43% 53% 54% 54% 54% 43%              | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>766<br>81%<br>81%<br>81%<br>81%<br>810<br>96%<br>100%<br>100%<br>99%<br>99%                            | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90% 90% 96% 96% 96% 99% 98% 100%   | 31% 48% 59% 63% 63% 66% 71% 72% 75% 79% 80% 86% 87% 89% 89%  | 45% 69% 73% 77% 79% 82% 84% 85% 89% 97% 90% 96% 96% 96% 1009  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>33<br>35<br>40<br>45<br>50<br>65<br>70<br>77<br>88<br>88<br>90<br>90<br>125<br>150  | Min All 31% 48% 59% 63% 66% 67% 61% 72% 46% 45% 35% 36% 35% 36% 43% 53% 43% 44%                         | E. gra.  71% 81% 86% 84% 90% 90% 95% 97% 100% 100% 94% 92% 92% 88% 88% 90%                              | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>71%<br>74%<br>78%<br>78%<br>84%<br>83%<br>85%<br>84%<br>83%<br>85%   | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93% 93% 93% 87% 87%                         | 41% 54% 60% 644% 688% 71% 72% 75% 82% 82% 87% 888% 889% 89% 99% 90% 90% 98%                        | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92% 94% 94% 96% 96% 97% 97% 97%                        | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 36% 343% 53% 54% 54% 53% 44%             | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>81%<br>8100%<br>100%<br>99%<br>99%<br>98%<br>89%<br>77%                    | 41% 63% 77% 81% 79% 81% 82% 84% 84% 90% 90% 90% 96% 96% 96% 98% 100% 90%   | 31% 48% 59% 63% 63% 66% 68% 71% 72% 75% 79% 80% 80% 86% 87% 89% 89% 89%                                      | 45% 69% 73% 77% 79% 82% 84% 85% 89% 97% 90% 96% 96% 96% 1009 99%                                      |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 35% 36% 43% 53% 54% 53% 62% 52%             | E. gra.  71% 81% 86% 84% 90% 90% 95% 97% 100% 100% 94% 92% 88% 89% 79% 70%                              | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%<br>83%<br>85%<br>84%<br>85%<br>85%<br>98%                                     | 77% 86% 89% 86% 88% 96% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93% 93% 93% 70%                         | 41% 54% 60% 644% 688% 71% 72% 75% 82% 82% 87% 88% 88% 88% 99% 99% 99%                              | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 91% 92% 94% 96% 96% 97% 97% 97%                        | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 43% 53% 54% 54% 53% 44% 62% 71%          | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>81%<br>80%<br>100%<br>100%<br>99%<br>99%<br>98%<br>89%<br>77%              | 41% 63% 77% 81% 79% 81% 82% 84% 84% 84% 90% 90% 90% 96% 96% 96% 98% 98% 100% 90% 88%                                 | 31% 48% 59% 63% 63% 66% 68% 71% 72% 75% 79% 80% 80% 86% 87% 89% 89% 93% 93% 93%                              | 45% 69% 73% 77% 79% 82% 84% 85% 89% 97% 1009 99% 96% 96% 1009 99% 97%                                 |
| Q<br>1 1 5 10 115 220 25 30 35 40 45 50 65 70 75 80 85 90 995 100 125 150 175 200  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 43% 54% 54% 53% 66% 67% 60%                 | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100% 94% 92% 88% 88% 90% 89% 79% 70% 66%              | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%<br>83%<br>84%<br>83%<br>85%<br>84%<br>85%<br>98%<br>100%                      | 77% 86% 89% 86% 88% 96% 96% 9100% 100% 99% 95% 89% 88% 92% 96% 93% 93% 90% 87% 87% 85% 70% 64%            | 41% 54% 60% 644% 688% 711% 729% 755% 829% 829% 887% 888% 889% 889% 899% 90% 90% 90% 998% 999% 100% | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92% 94% 94% 96% 97% 97% 97% 97% 97%                    | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 43% 53% 54% 54% 54% 57%                  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>87%<br>88%<br>96%<br>100%<br>99%<br>99%<br>98%<br>89%<br>77%<br>52%<br>60% | 41% 63% 77% 81% 79% 81% 82% 84% 84% 84% 90% 90% 96% 96% 96% 96% 98% 100% 88% 87%                                     | 31% 48% 59% 63% 63% 66% 68% 71% 75% 75% 79% 80% 80% 86% 87% 89% 89% 89% 93% 93% 93% 98%                      | 45% 69% 73% 77% 79% 82% 84% 85% 89% 97% 90% 96% 96% 96% 96% 96% 96% 96% 96% 95%                       |
| 0<br>1 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 1100 1125 1150 1175 200 2250  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 43% 53% 54% 54% 52% 60% 61%                 | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100% 24% 94% 92% 88% 88% 90% 89% 89% 66% 63%          | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>78%<br>78%<br>84%<br>83%<br>83%<br>86%<br>85%<br>84%<br>83%<br>82%<br>87%<br>86%<br>85%<br>98%<br>100% | 77% 86% 89% 86% 88% 96% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93% 93% 90% 87% 87% 85% 70% 64% 61%     | 41% 54% 60% 644% 688% 719 72% 75% 82% 82% 87% 88% 88% 88% 99% 99% 100% 100%                        | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92% 94% 96% 97% 97% 97% 97% 97% 97% 99%                | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 43% 53% 54% 54% 54% 57% 46% 47% 76% 78%  | 50%<br>66%<br>75%<br>76%<br>76%<br>77%<br>77%<br>76%<br>81%<br>81%<br>81%<br>81%<br>80%<br>100%<br>99%<br>99%<br>99%<br>99%<br>99%<br>99%<br>60%<br>62% | 41% 63% 77% 81% 79% 81% 82% 84% 84% 84% 90% 90% 90% 96% 96% 96% 96% 96% 98% 98% 100% 90% 88% 87% 67%                 | 31% 48% 59% 63% 63% 66% 68% 71% 72% 75% 75% 80% 80% 86% 87% 89% 89% 93% 99% 100%                             | 45% 69% 73% 77% 79% 82% 84% 85% 89% 97% 90% 96% 96% 96% 96% 96% 95% 88%                               |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 43% 53% 54% 54% 53% 66% 61% 59%             | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100% 24% 94% 92% 88% 88% 90% 89% 79% 66% 63% 61%      | 52%<br>67%<br>68%<br>68%<br>67%<br>67%<br>67%<br>71%<br>74%<br>78%<br>84%<br>83%<br>83%<br>86%<br>85%<br>84%<br>83%<br>810%<br>100%<br>102%<br>111%            | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 89% 88% 92% 96% 93% 93% 90% 87% 87% 85% 70% 64% 61% 62%     | 41% 54% 60% 644% 688% 71% 72% 75% 82% 82% 87% 888% 889% 99% 99% 90% 90% 90% 90% 90% 97%            | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 92% 94% 94% 96% 96% 97% 97% 97% 97% 97% 97% 99% 90%    | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 43% 53% 54% 53% 43% 62% 71% 76% 78% 106% | 50% 66% 75% 76% 76% 77% 77% 76% 81% 81% 81% 81% 80% 99% 99% 99% 99% 99% 99% 99% 99% 99% 9   | 41% 63% 77% 81% 79% 81% 82% 84% 84% 84% 90% 90% 96% 96% 96% 96% 96% 96% 96% 96% 97% 98% 98% 100% 90% 88% 87% 67% 70% | 31% 48% 59% 63% 63% 66% 68% 71% 75% 75% 75% 80% 80% 86% 87% 89% 89% 93% 93% 93% 100% 100% 106%               | 45%<br>69%<br>73%<br>77%<br>79%<br>82%<br>84%<br>85%<br>89%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>125<br>150<br>175<br>200<br>25<br>80<br>125<br>80<br>125<br>80<br>125<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80 | Min All 31% 48% 59% 63% 63% 66% 67% 61% 72% 46% 45% 35% 36% 35% 36% 43% 53% 54% 53% 62% 60% 61% 59% 59% | E. gra.  71% 81% 86% 84% 84% 90% 90% 95% 97% 100% 100% 24% 94% 92% 88% 88% 90% 89% 89% 66% 663% 61% 61% | 52% 67% 68% 68% 67% 67% 67% 71% 74% 78% 78% 84% 83% 84% 85% 84% 81% 85% 85% 98% 100% 111% 114%   | 77% 86% 89% 86% 88% 96% 95% 100% 100% 99% 95% 88% 92% 96% 93% 93% 93% 90% 87% 87% 85% 70% 64% 61% 62% 59% | 41% 54% 60% 644% 688% 711% 729 755% 829 877% 888% 889% 899% 899% 90% 90% 90% 90% 91%               | 46% 62% 67% 70% 73% 76% 79% 85% 86% 91% 91% 94% 96% 96% 97% 97% 97% 97% 97% 97% 97% 97% 97% 97 | 88% 100% 100% 99% 96% 92% 77% 61% 77% 46% 45% 35% 36% 43% 53% 54% 54% 54% 51% 76% 78% 106% 85% | 50% 66% 75% 76% 76% 76% 77% 77% 76% 81% 81% 81% 81% 80% 96% 100% 99% 99% 98% 89% 77% 52% 60% 62% 59% 74%  | 41% 63% 77% 81% 79% 81% 799% 81% 82% 84% 84% 84% 90% 90% 96% 96% 96% 96% 96% 96% 96% 96% 96% 96                      | 31% 48% 59% 63% 63% 66% 68% 71% 72% 75% 75% 80% 80% 86% 87% 89% 93% 93% 93% 93% 93% 91% 100% 106% 106%       | 45% 69% 73% 77% 79% 82% 84% 85% 89% 89% 97% 1009 99% 96% 96% 96% 1009 99% 95% 88% 74%                 |

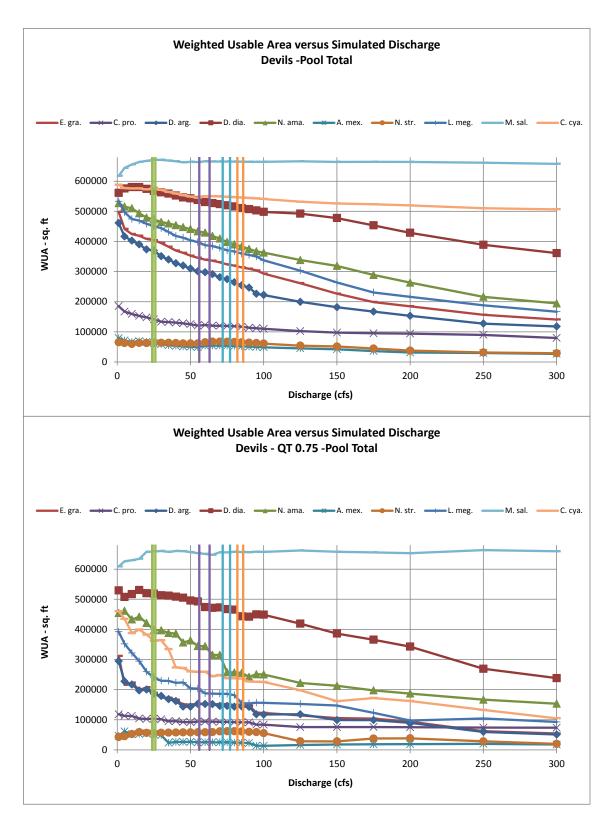


Figure 11-8 Weighted usable area versus simulated discharge at Devils River (Pool Total).

Table 11-8 Percent of maximum WUA versus simulated discharge at Devils River (Pool Total).

| Q  | -Pool Total<br>Min All   | E. gra.   | C. pro.   | D. arg.  | D. dia.  | N. ama.  | A. mex.  | N. str.  | L. meg.  | M. sal.   | C. cya.  |
|--|--|---|---|--|--|--|--|--|--|---|--|
| 1  | 92%  | 100%  | 100%  | 100%   | 97%  | 100%   | 100%   | 97%  | 100%   | 92%   | 100%   |
| 5  | 89%  | 89%   | 90%   | 90%  | 99%  | 98%  | 90%  | 93%  | 93%  | 96%   | 98%  |
| 10   | 84%  | 85%   | 86%   | 87%  | 100%   | 97%  | 84%  | 89%  | 89%  | 98%   | 98%  |
| 15   | 83%  | 84%   | 83%   | 85%  | 100%   | 94%  | 88%  | 94%  | 88%  | 99%   | 98%  |
| 20   | 80%  | 82%   | 80%   | 81%  | 99%  | 91%  | 84%  | 93%  | 86%  | 99%   | 97%  |
| 25   | 76%  | 81%   | 76%   | 80%  | 98%  | 90%  | 80%  | 94%  | 85%  | 100%  | 98%  |
| 30   | 72%  | 79%   | 72%   | 76%  | 97%  | 88%  | 75%  | 95%  | 83%  | 100%  | 97%  |
| 35   | 70%  | 77%   | 72%   | 74%  | 96%  | 87%  | 70%  | 94%  | 81%  | 100%  | 96%  |
| 40   | 68%  | 74%   | 70%   | 71%  | 95%  | 86%  | 68%  | 93%  | 78%  | 99%   | 95%  |
| 45   | 65%  | 73%   | 69%   | 69%  | 94%  | 85%  | 65%  | 91%  | 77%  | 99%   | 94%  |
| 50   | 64%  | 71%   | 68%   | 67%  | 94%  | 84%  | 64%  | 91%  | 76%  | 99%   | 93%  |
| 55   | 63%  | 69%   | 65%   | 65%  | 93%  | 82%  | 63%  | 91%  | 75%  | 99%   | 93%  |
| 60   | 65%  | 68%   | 66%   | 65%  | 91%  | 81%  | 68%  | 97%  | 73%  | 99%   | 93%  |
| 65   | 63%  | 67%   | 65%   | 63%  | 91%  | 79%  | 69%  | 100%   | 72%  | 99%   | 94%  |
| 70   | 61%  | 66%   | 65%   | 61%  | 90%  | 78%  | 69%  | 100%   | 71%  | 99%   | 93%  |
| 75   | 60%  | 65%   | 65%   | 60%  | 90%  | 76%  | 68%  | 99%  | 70%  | 99%   | 93%  |
| 80   | 57%  | 64%   | 64%   | 57%  | 89%  | 74%  | 67%  | 98%  | 69%  | 99%   | 93%  |
| 85   | 55%  | 63%   | 63%   | 55%  | 88%  | 73%  | 66%  | 97%  | 67%  | 99%   | 93%  |
| 90   | 54%  | 62%   | 61%   | 54%  | 87%  | 71%  | 65%  | 95%  | 67%  | 99%   | 93%  |
| 95   | 49%  | 61%   | 60%   | 49%  | 87%  | 70%  | 63%  | 93%  | 66%  | 99%   | 92%  |
| 100  | 48%  | 59%   | 59%   | 48%  | 86%  | 69%  | 62%  | 90%  | 63%  | 99%   | 92%  |
| 125  | 43%  | 52%   | 55%   | 43%  | 85%  | 64%  | 57%  | 80%  | 57%  | 99%   | 90%  |
| 150  | 39%  | 46%   | 53%   | 39%  | 82%  | 60%  | 54%  | 76%  | 49%  | 99%   | 89%  |
| 175  | 36%  | 40%   | 51%   | 36%  | 78%  | 55%  | 46%  | 66%  | 43%  | 99%   | 89%  |
| 200  | 33%  | 37%   | 51%   | 33%  | 74%  | 50%  | 40%  | 56%  | 41%  | 99%   | 88%  |
| 250  | 28%  | 31%   | 49%   | 28%  | 67%  | 41%  | 38%  | 47%  | 35%  | 99%   | 87%  |
| 300  | 26%  | 28%   | 43%   | 26%  | 62%  | 37%  | 34%  | 43%  | 31%  | 98%   | 86%  |
|  |  |   |   | 250/   | 56%  | 34%  | 36%  | 44%  | 27%  | 98%   | 87%  |
| 350  | 25%  | 26%   | 41%   | 25%  | 3070   |  |  |  |  |   |  |
| 350<br>400   | 25%<br>23%   | 26%<br>26%  | 41%<br>43%  | 23%  | 49%  | 31%  | 42%  | 51%  | 26%  | 98%   | 87%  |
|  |  |   |   |  |  | •  |  |  | 26%<br>24%   | 98%<br>99%  | 87%<br>89%   |
| 400<br>500<br>Devils<br>Q  | 23%<br>24%<br>- QT 0.75 -Poo<br>Min All  | 26%<br>24%<br>ol Total<br>E. gra.   | 43%<br>51%<br>C. pro.   | 23%<br>24%<br>D. arg.  | 49%<br>42%<br>D. dia.  | 31%<br>30%<br>N. ama.  | 42%<br>60%<br>A. mex.  | 51%<br>72%<br>N. str.  | 24%<br>L. meg.   | 99%<br>M. sal.  | 89%<br>C. cya.   |
| 400<br>500<br>Devils<br>Q<br>1   | 23%<br>24%<br>- QT 0.75 -Poo<br>Min All<br>69%   | 26%<br>24%<br>of Total<br>E. gra.<br>100%   | 43%<br>51%<br>C. pro.<br>100%   | 23%<br>24%<br>D. arg.<br>100%  | 49%<br>42%<br>D. dia.<br>100%  | 31%<br>30%<br>N. ama.<br>98%   | 42%<br>60%<br>A. mex.<br>76%   | 51%<br>72%<br>N. str.<br>69%   | 24%<br>L. meg.<br>100%   | 99%<br>M. sal.<br>92%   | C. cya.  |
| 400<br>500<br>Devils<br>Q<br>1<br>5  | 23%<br>24%<br>- QT 0.75 -Poo<br>Min All<br>69%<br>69%  | 26%<br>24%<br>ol Total<br>E. gra.<br>100%<br>69%  | 43%<br>51%<br>C. pro.<br>100%<br>95%  | 23%<br>24%<br>D. arg.<br>100%<br>77%   | 49%<br>42%<br>D. dia.<br>100%<br>96%   | 31%<br>30%<br>N. ama.<br>98%<br>100%   | 42%<br>60%<br>A. mex.<br>76%<br>100%   | 51%<br>72%<br>N. str.<br>69%<br>73%  | 24% L. meg. 100% 90%   | 99%<br>M. sal.<br>92%<br>95%  | C. cya.<br>100%<br>94%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5  | 23%<br>24%<br>- QT0.75 -Poo<br>Min All<br>69%<br>69%<br>72%  | 26%<br>24%<br>ol Total<br>E. gra.<br>100%<br>69%<br>72%   | 43%<br>51%<br>C. pro.<br>100%<br>95%<br>95%   | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>73%  | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%  | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%  | 42%<br>60%<br>A. mex.<br>76%<br>100%<br>85%  | 51%<br>72%<br>N. str.<br>69%<br>73%<br>85%   | 24%  L. meg.  100%  90%  82%   | 99%<br>M. sal.<br>92%<br>95%<br>95%   | C. cya. 100% 94% 84%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10  | 23%<br>24%<br>- QT 0.75 - Poo<br>Min All<br>69%<br>69%<br>72%<br>64%   | 26%<br>24%<br>of Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%  | 43%<br>51%<br>C. pro.<br>100%<br>95%<br>95%<br>88%  | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>73%<br>67%   | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%  | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%   | 42%<br>60%<br>A. mex.<br>76%<br>100%<br>85%<br>86%   | 51%<br>72%<br>N. str.<br>69%<br>73%<br>85%<br>96%  | 24%  L. meg.  100%  90%  82%  75%  | 99%  M. sal.  92%  95%  95%  96%  | 2. cya.<br>100%<br>94%<br>84%<br>87%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20  | 23%<br>24%<br>- QT 0.75 - Poo<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%  | 26%<br>24%<br>of Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%   | 43%<br>51%<br>C. pro.<br>100%<br>95%<br>95%<br>88%<br>87%   | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>73%<br>67%<br>68%  | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%<br>98%   | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%  | 42%<br>60%<br>A. mex.<br>76%<br>100%<br>85%<br>86%<br>90%  | 51%<br>72%<br>N. str.<br>69%<br>73%<br>85%<br>96%<br>91%   | L. meg.<br>100%<br>90%<br>82%<br>75%<br>66%  | 99%  M. sal.  92%  95%  95%  96%  99%   | C. cya. 100% 94% 84% 87% 83%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20  | 23%<br>24%<br>- QT0.75 -Poc<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%   | 26%<br>24%<br>of Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%  | 43%<br>51%<br>C. pro.<br>100%<br>95%<br>95%<br>88%<br>87%   | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>73%<br>67%<br>68%<br>63%   | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%<br>98%   | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%  | 42%<br>60%<br>A. mex.<br>76%<br>100%<br>85%<br>86%<br>90%<br>86%   | 51%<br>72%<br>N. str.<br>69%<br>73%<br>85%<br>96%<br>91%   | L. meg.<br>100%<br>90%<br>82%<br>75%<br>66%<br>61%   | 99%<br>M. sal.<br>92%<br>95%<br>95%<br>96%<br>99%   | C. cya.<br>100%<br>94%<br>84%<br>87%<br>83%  |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30  | 23%<br>24%<br>QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%   | 26%<br>24%<br>ol Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%   | 43%<br>51%<br>C. pro.<br>100%<br>95%<br>95%<br>88%<br>87%<br>88%  | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>67%<br>68%<br>63%<br>61%   | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%<br>98%<br>98%  | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%   | 42%<br>60%<br>A. mex.<br>76%<br>100%<br>85%<br>86%<br>90%<br>86%<br>80%  | 51%<br>72%<br>N. str.<br>69%<br>73%<br>85%<br>96%<br>91%<br>90%  | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58%  | 99%  M. sal.  92% 95% 96% 99% 99% 100%  | C. cya.<br>100%<br>94%<br>84%<br>87%<br>83%<br>79%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | 23%<br>24%<br>- QT 0.75 - Poo<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%   | 26%<br>24%<br>DI Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%   | 43%<br>51%<br>C. pro.<br>10%<br>95%<br>95%<br>88%<br>87%<br>88%<br>86%<br>80%                             | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>67%<br>68%<br>63%<br>61%<br>57%  | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%<br>98%<br>98%<br>97%<br>96%                                | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%   | 42%<br>60%<br>A. mex.<br>76%<br>100%<br>85%<br>86%<br>90%<br>86%<br>80%<br>38%   | 51%<br>72%<br>N. str.<br>69%<br>73%<br>85%<br>96%<br>91%<br>90%<br>92%<br>93%                                      | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58%  | 99%  M. sal.  92%  95%  95%  96%  99%  100%  99%  | 89%  C. cya.  100%  94%  84%  87%  83%  79%  79%  73%  |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | 23%<br>24%<br>- QT 0.75 - Poo<br>Min All<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%   | 26%<br>24%<br>bl Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>56%<br>53%   | 43%<br>51%<br>C. pro.<br>100%<br>95%<br>95%<br>88%<br>87%<br>88%<br>86%<br>80%<br>81%                     | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>73%<br>67%<br>68%<br>63%<br>61%<br>57%<br>55%  | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%<br>98%<br>98%<br>97%<br>96%                                | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>84%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 80% 38% 43%  | 51%<br>72%<br>N. str.<br>69%<br>73%<br>85%<br>96%<br>91%<br>90%<br>92%<br>93%<br>93%                               | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 58% 57%   | 99%  M. sal.  92% 95% 95% 96% 99% 100% 99%  | 89%  C. cya.  100% 94% 84% 87% 83% 79% 73% 59%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | 23%<br>24%<br>- QT 0.75 - Poo<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>43%   | 26%<br>24%<br>DI Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>56%<br>53%<br>48%  | 43%<br>51%<br>C. pro.<br>100%<br>95%<br>95%<br>88%<br>87%<br>88%<br>86%<br>80%<br>81%<br>78%              | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>67%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%  | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%<br>98%<br>98%<br>97%<br>96%<br>96%<br>95%                  | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 80% 38% 43% 43%  | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 93% 94%   | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 57%  | 99%  M. sal.  92%  95%  95%  96%  99%  100%  100%  100%   | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 59%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | 23%<br>24%<br>- QT 0.75 - Poo<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>43%<br>44%  | 26%<br>24%<br>24%<br>0 Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>56%<br>53%<br>48%<br>48%   | 43%<br>51%<br>C. pro.<br>100%<br>95%<br>95%<br>88%<br>87%<br>88%<br>86%<br>80%<br>81%<br>78%              | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>63%<br>63%<br>61%<br>57%<br>55%<br>49%<br>49%  | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%<br>98%<br>98%<br>97%<br>96%<br>95%<br>93%                  | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>79%   | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 80% 38% 43% 44%  | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94%   | 24%  L. meg.  100%  90%  82%  75%  66%  61%  58%  57%  57%  52%  | 99%  M. sal.  92%  95%  96%  99%  100%  100%  100%  99%   | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 59% 57%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55  | 23%<br>24%<br>- QT 0.75 - Poo<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>43%<br>44%  | 26%<br>24%<br>24%<br>0 Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>56%<br>53%<br>48%<br>48%   | 43% 51%  C. pro. 100% 95% 95% 88% 87% 88% 86% 80% 81% 78% 80%   | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>49%  | 49%<br>42%<br>D. dia.<br>100%<br>96%<br>97%<br>100%<br>98%<br>98%<br>97%<br>96%<br>95%<br>93%                  | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>79%   | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 80% 38% 43% 44% 41%  | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94%   | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 57% 52%  | 99%  M. sal.  92%  95%  96%  99%  100%  99%  100%  99%  99%   | C. cya.<br>100%<br>94%<br>84%<br>87%<br>83%<br>79%<br>79%<br>79%<br>59%<br>57%<br>56%                                |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60  | 23%<br>24%<br>- QT 0.75 - Poo<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>44%<br>41%<br>41%   | 26%<br>24%<br>24%<br>0 Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>48%<br>49%<br>49%  | 43% 51%  C. pro. 100% 95% 95% 88% 87% 88% 86% 80% 78% 80% 79%   | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>49%  | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 95% 93% 93% 89%   | N. ama.  98% 100% 94% 96% 91% 86% 86% 84% 77% 79%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 38% 43% 43% 44% 41%  | N. str. 69% 73% 85% 91% 90% 93% 94% 94% 94%  | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 57% 52% 48%  | 99%  M. sal.  92%  95%  95%  96%  99%  100%  100%  99%  99%  98%  | C. cya.<br>100%<br>94%<br>84%<br>87%<br>83%<br>79%<br>79%<br>73%<br>59%<br>59%<br>57%                                |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65  | 23%<br>24%<br>QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>43%<br>44%<br>41%<br>41%   | 26%<br>24%<br>bl Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>56%<br>53%<br>48%<br>48%<br>49%<br>49%<br>48%  | 43% 51%  C. pro. 100% 95% 88% 87% 88% 86% 80% 81% 78% 880% 79% 79%  | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>49%<br>52%<br>52%<br>51%   | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 95% 93% 89% 89%   | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>75%<br>68%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 44% 41% 41%  | N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 95%  | L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 57% 52% 48% 48%   | 99%  M. sal.  92%  95%  95%  96%  99%  100%  99%  100%  99%  98%  98%                                     | C. cya. 100% 94% 84% 87% 83% 79% 73% 59% 55% 56% 56% 53%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70  | 23%<br>24%<br>- QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>43%<br>44%<br>41%<br>41%   | 26%<br>24%<br>bl Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>56%<br>53%<br>48%<br>49%<br>49%<br>49%   | 43% 51%  C. pro. 100% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79%   | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>49%<br>49%<br>52%<br>51%<br>49%  | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 95% 95% 93% 89% 89%   | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>75%<br>68%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 43% 44% 41% 41% 41%  | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 95% 95%   | 24%  L. meg.  100%  90%  82%  75%  66%  61%  58%  57%  52%  48%  48%  47%  | 99%  M. sal.  92% 95% 96% 99% 100% 99% 100% 99% 100% 99% 98% 99% 98% 98%                                  | C. cya. 100% 94% 84% 87% 83% 79% 73% 59% 55% 56% 56% 53%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>60<br>65<br>70<br>75  | 23%<br>24%<br>QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>43%<br>44%<br>41%<br>41%<br>41%                                      | 26%<br>24%<br>bl Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>49%<br>49%<br>49%<br>49%   | 43% 51%  C. pro. 100% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79%   | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>67%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>52%<br>51%<br>49%<br>50%  | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 95% 93% 89% 89% 89%   | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>75%<br>68%<br>68%<br>56%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 44% 41% 41% 41% 41%  | N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 95% 95%  | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 57% 52% 48% 48% 47% 47%  | 99%  M. sal.  92% 95% 95% 99% 100% 99% 100% 99% 100% 99% 109% 99% 99% 99% 99%                             | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 59% 57% 56% 56% 53% 54% 52%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | 23%<br>24%<br>- QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>43%<br>41%<br>41%<br>41%<br>41%<br>41%<br>39%                      | 26%<br>24%<br>24%<br>Pl Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>48%<br>49%<br>49%<br>49%<br>49%<br>48%  | 43% 51%  C. pro. 100% 95% 88% 87% 88% 86% 80% 81% 78% 80% 79% 79% 79% 79%                                 | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>67%<br>68%<br>63%<br>61%<br>57%<br>49%<br>52%<br>52%<br>51%<br>49%<br>50%<br>49%   | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 95% 93% 89% 89% 89% 88% 88%                                 | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>84%<br>84%<br>77%<br>75%<br>68%<br>68%<br>68%<br>56%   | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 44% 41% 41% 41% 41% 39%  | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 95% 99% 100% 100%                                     | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 48% 47% 47% 46%  | 99%  M. sal.  92%  95%  95%  99%  99%  100%  99%  100%  99%  99%  | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 57% 56% 56% 53% 54% 52%   |
| 400<br>500<br>Devils Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65<br>70<br>75<br>80<br>85   | 23%<br>24%<br>- QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>43%<br>44%<br>41%<br>41%<br>41%<br>41%<br>41%<br>41%<br>39%        | 26%<br>24%<br>24%<br>0l Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>49%<br>49%<br>49%<br>49%<br>49%<br>48%  | 43% 51%  C. pro. 10% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 79% 77%                              | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>52%<br>52%<br>51%<br>49%<br>50%<br>49%   | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 95% 93% 89% 89% 88% 88%                                     | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>84%<br>84%<br>77%<br>75%<br>75%<br>68%<br>68%<br>56%<br>55%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 38% 43% 41% 41% 41% 41% 39% 38%  | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 93% 94% 94% 94% 94% 95% 99% 100% 100%                             | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 48% 47% 46% 39%   | 99%  M. sal.  92%  95%  95%  99%  99%  100%  99%  100%  99%  99%  | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 57% 56% 56% 56% 53% 54% 52% 51%                                   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | 23%<br>24%<br>- QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>44%<br>41%<br>41%<br>41%<br>41%<br>41%<br>39%<br>38%<br>37%        | 26%<br>24%<br>24%<br>0l Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>49%<br>49%<br>49%<br>49%<br>49%<br>48%<br>49%<br>49%                                    | 43% 51%  C. pro. 100% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 79% 77%                             | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>73%<br>67%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>49%<br>52%<br>51%<br>49%<br>49%<br>49%<br>48%                                    | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 98% 93% 95% 93% 89% 89% 88% 88% 88%                                 | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>84%<br>77%<br>75%<br>75%<br>68%<br>68%<br>56%<br>56%<br>55%<br>53%   | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 44% 41% 41% 41% 41% 39% 38% 37%  | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 94% 94% 95% 99% 100% 100% 99% 97%                     | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 447% 46% 39% 39%  | 99%  M. sal.  92% 95% 95% 96% 99% 100% 99% 100% 100% 99% 99% 99% 99% 99% 99% 99%                          | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 57% 56% 56% 53% 54% 52% 51% 49%                                   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95  | 23%<br>24%<br>- QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>44%<br>41%<br>41%<br>41%<br>41%<br>41%<br>39%<br>38%<br>37%<br>23% | 26%<br>24%<br>24%<br>61 Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>48%<br>49%<br>49%<br>49%<br>48%               | 43% 51%  C. pro. 100% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 77% 71%                             | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>73%<br>67%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>49%<br>52%<br>52%<br>51%<br>49%<br>49%<br>49%<br>48%                             | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 98% 93% 89% 89% 89% 89% 89% 88% 88% 88%                             | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>84%<br>84%<br>77%<br>75%<br>68%<br>68%<br>56%<br>55%<br>53%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 44% 41% 41% 41% 39% 38% 37% 23%  | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 94% 94% 95% 95% 100% 100% 99% 97%                     | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 57% 52% 48% 48% 47% 46% 39% 39% 40%   | 99%  M. sal.  92% 95% 95% 96% 99% 100% 100% 99% 109% 99% 99% 99% 99% 99% 99% 99% 99%                      | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 59% 57% 56% 56% 53% 54% 52% 51% 49%                                       |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100   | 23%<br>24%<br>- QT 0.75 - Pool<br>Min All<br>69%<br>69%<br>72%<br>64%<br>66%<br>61%<br>56%<br>38%<br>43%<br>44%<br>41%<br>41%<br>41%<br>41%<br>41%<br>41%<br>41%<br>41%<br>41  | 26%<br>24%<br>24%<br>01 Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>39%<br>39%               | 43% 51%  C. pro. 100% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 77% 71% 71%                         | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>73%<br>67%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>49%<br>52%<br>51%<br>49%<br>50%<br>49%<br>49%<br>49%<br>49%<br>49%               | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 98% 96% 95% 93% 89% 89% 89% 88% 88% 84% 83% 85%                     | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>75%<br>68%<br>68%<br>56%<br>55%<br>55%<br>53%   | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 38% 43% 44% 41% 41% 41% 41% 41% 39% 38% 37% 23%                                | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 94% 95% 95% 99% 100% 100% 99% 97%                     | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 47% 46% 39% 39% 40% 40%   | 99%  M. sal.  92% 95% 95% 96% 99% 100% 100% 100% 99% 99% 99% 98% 98% 99% 99% 99% 99% 99                   | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 59% 57% 56% 56% 53% 54% 52% 51% 49% 49%                                   |
| 400<br>500<br>Devils Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125   | 23% 24%  - QT 0.75 - Pool Min All 69% 69% 72% 64% 66% 61% 56% 38% 43% 44% 41% 41% 41% 41% 41% 39% 38% 37% 23% 22% 27%  | 26%<br>24%<br>24%<br>01 Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>39%<br>39%<br>37%               | 43% 51%  C. pro. 100% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 71% 71% 64%                         | 23% 24%  D. arg. 100% 77% 73% 67% 68% 63% 61% 57% 55% 49% 49% 49% 49% 49% 49% 49% 40% 40% 40%  | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 98% 98% 98% 98% 89% 89% 89% 88% 88                                  | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>84%<br>77%<br>75%<br>68%<br>56%<br>56%<br>55%<br>53%<br>54%<br>48%   | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 38% 43% 44% 41% 41% 41% 41% 41% 23% 38% 37% 23% 22% 27%                        | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 95% 95% 90% 46%                                       | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 57% 52% 48% 47% 46% 39% 40% 40% 39%   | 99%  M. sal.  92% 95% 95% 96% 99% 100% 100% 100% 99% 99% 99% 98% 98% 99% 99% 99% 99% 100%                 | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 59% 57% 56% 56% 53% 54% 52% 52% 51% 49% 49% 49% 43%                       |
| 400<br>500  Devils Q 1 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 125 100 125 150  | 23% 24%  -QT0.75 -Pool Min All 69% 69% 72% 64% 66% 61% 56% 38% 43% 44% 41% 41% 41% 41% 39% 38% 37% 23% 22% 27% 29%   | 26% 24%  24%  DI Total E. gra.  100% 69% 72% 64% 67% 61% 56% 53% 48% 49% 49% 48% 49% 49% 39% 39% 37% 34%  | 43% 51%  C. pro. 100% 95% 88% 87% 88% 86% 80% 81% 78% 80% 79% 79% 79% 71% 64% 64%                         | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>49%<br>52%<br>51%<br>49%<br>50%<br>49%<br>49%<br>40%<br>40%<br>40%<br>34%                      | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 95% 95% 95% 93% 89% 89% 88% 88% 84% 83% 85% 79% 73%         | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>75%<br>68%<br>56%<br>56%<br>55%<br>54%<br>48%<br>46%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 43% 44% 41% 41% 41% 42% 22% 22% 22% 29%                                    | N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 95% 95% 99% 100% 100% 97% 95% 90% 46%                              | L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 57% 52% 48% 47% 46% 39% 39% 40% 40% 39% 37%   | 99%  M. sal.  92%  95%  96%  99%  99%  100%  100%  99%  99%  99%  | C. cya. 100% 94% 84% 87% 83% 79% 79% 59% 57% 56% 56% 53% 54% 52% 52% 51% 49% 49% 43% 35%                             |
| 400<br>500  Devils Q 1 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 125 150 175  | 23% 24%  -QT0.75 -Poot Min All 69% 69% 72% 64% 66% 61% 56% 38% 43% 44% 41% 41% 41% 41% 41% 22% 27% 29% 30%   | 26% 24%  24%  DI Total E. gra.  100% 69% 72% 64% 67% 61% 56% 53% 48% 49% 49% 48% 49% 49% 48% 49% 49% 39% 37% 34% 33%  | 43% 51%  C. pro.  100% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 79% 71% 64% 64% 64%                | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>52%<br>51%<br>49%<br>50%<br>49%<br>49%<br>40%<br>40%<br>34%<br>34%                             | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 96% 95% 93% 93% 89% 89% 88% 88% 88% 88% 88% 88% 88% 88      | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>75%<br>68%<br>56%<br>56%<br>55%<br>55%<br>54%<br>48%<br>46%<br>43%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 44% 41% 41% 41% 41% 42% 22% 22% 22% 29% 30%                                | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 95% 95% 99% 100% 100% 99% 97% 95% 90% 46% 46% 61%     | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 57% 52% 48% 44% 47% 46% 39% 40% 40% 39% 37% 31%  | 99%  M. sal.  92% 95% 95% 99% 99% 100% 99% 100% 99% 99% 99% 99% 99% 99% 99% 99% 99%                       | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 57% 56% 56% 53% 54% 52% 51% 49% 49% 49% 49% 43% 35% 37%           |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>15<br>100<br>15<br>100<br>15<br>100<br>100   | 23% 24%  - QT 0.75 - Pool Min All 69% 69% 72% 64% 66% 61% 56% 38% 43% 41% 41% 41% 41% 41% 39% 38% 37% 23% 22% 27% 29% 30% 25%  | 26%<br>24%<br>24%<br>bl Total<br>E. gra.<br>100%<br>69%<br>72%<br>64%<br>67%<br>61%<br>56%<br>53%<br>48%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>49%<br>39%<br>39%<br>37%<br>34%<br>33% | 43% 51%  C. pro. 100% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 79% 71% 64% 64% 64%                     | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>67%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>52%<br>52%<br>51%<br>49%<br>50%<br>49%<br>49%<br>40%<br>40%<br>40%<br>34%<br>34%<br>30% | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 98% 93% 98% 95% 93% 89% 89% 88% 88% 84% 83% 85% 79% 73% 69% 65%     | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>77%<br>75%<br>68%<br>68%<br>56%<br>55%<br>55%<br>54%<br>44%<br>44%<br>44%  | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 43% 43% 44% 41% 41% 41% 42% 42% 42% 42% 43% 43% 43% 44% 44% 44% 44% 44% 44% 44 | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 95% 99% 100% 100% 99% 46% 66% 61% 62%                 | 24%  L. meg. 100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 44% 47% 46% 39% 39% 30% 40% 40% 39% 31% 25%  | 99%  M. sal.  92% 95% 95% 99% 99% 100% 99% 100% 99% 99% 99% 99% 99% 99% 99% 99% 99%                       | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 57% 56% 56% 53% 54% 52% 51% 49% 49% 43% 35% 37% 35%               |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>115<br>200<br>25<br>25<br>200<br>25<br>200<br>25<br>200<br>25<br>200<br>25<br>200<br>25<br>200<br>200                              | 23% 24%  - QT 0.75 - Pool Min All 69% 69% 72% 64% 66% 61% 56% 38% 43% 44% 41% 41% 41% 41% 41% 39% 38% 37% 22% 27% 29% 30% 25% 20%  | 26% 24%  24%  DI Total E. gra. 100% 69% 72% 64% 67% 61% 56% 53% 48% 49% 49% 49% 49% 49% 49% 49% 49% 49% 49  | 43% 51%  C. pro. 100% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 79% 79% 71% 64% 64% 64% 64% 63%     | 23% 24%  D. arg. 100% 77% 73% 67% 68% 63% 61% 57% 55% 49% 49% 52% 51% 49% 49% 49% 40% 40% 40% 34% 30% 20%  | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 97% 96% 95% 93% 89% 88% 88% 88% 89% 88% 88% 85% 79% 73% 69% 65% 51% | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>86%<br>84%<br>84%<br>77%<br>75%<br>68%<br>68%<br>56%<br>55%<br>53%<br>54%<br>44%<br>44%<br>44%<br>43%<br>40%<br>36%                      | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 38% 43% 41% 41% 41% 41% 41% 39% 38% 37% 23% 22% 27% 29% 30% 31% 33%            | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 94% 94% 94% 95% 99% 100% 100% 99% 46% 46% 61% 62% 46%             | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 44% 47% 46% 39% 39% 39% 39% 30% 40% 40% 39% 31% 25% 27%                             | 99%  M. sal.  92% 95% 95% 99% 99% 100% 99% 100% 99% 99% 99% 99% 99% 99% 99% 99% 99%                       | 89%  C. cya.  100% 94% 84% 87% 83% 79% 73% 59% 57% 56% 56% 56% 53% 54% 52% 51% 49% 49% 49% 43% 35% 37% 35% 29%       |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125   | 23% 24%  - QT 0.75 - Pool Min All 69% 69% 72% 64% 66% 61% 56% 38% 43% 44% 41% 41% 41% 41% 39% 38% 37% 22% 27% 29% 30% 25% 20% 17%  | 26% 24%  24%  Plantal E. gra. 100% 69% 72% 64% 67% 61% 56% 53% 48% 49% 49% 48% 49% 49% 48% 49% 49% 48% 49% 48% 47% 39% 39% 37% 34% 33% 30% 20% 17%  | 43% 51%  C. pro. 10% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 79% 71% 64% 64% 64% 64% 63% 62%      | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>52%<br>52%<br>51%<br>49%<br>49%<br>49%<br>40%<br>40%<br>40%<br>40%<br>34%<br>30%<br>20%<br>17% | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 98% 95% 93% 93% 89% 89% 88% 88% 88% 85% 73% 69% 65% 51% 45%         | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>84%<br>84%<br>77%<br>75%<br>68%<br>68%<br>56%<br>55%<br>53%<br>54%<br>44%<br>44%<br>44%<br>44%<br>43%<br>46%<br>43%<br>40%<br>36%<br>33% | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 38% 43% 41% 41% 41% 41% 41% 39% 38% 37% 22% 27% 29% 30% 31% 33% 29%            | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 93% 94% 94% 94% 95% 99% 100% 100% 99% 46% 46% 61% 62% 46% 32%     | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 48% 47% 46% 39% 39% 39% 40% 40% 39% 31% 25% 27% 24%                                 | 99%  M. sal.  92% 95% 95% 96% 99% 100% 99% 100% 99% 99% 99% 98% 99% 99% 99% 99% 99% 100% 99% 99% 100% 100 | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 59% 57% 56% 56% 56% 53% 54% 49% 49% 49% 49% 49% 49% 49% 49% 49% 4 |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>200<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90 | 23% 24%  - QT 0.75 - Pool Min All 69% 69% 72% 64% 66% 61% 56% 38% 43% 44% 41% 41% 41% 41% 41% 39% 38% 37% 22% 27% 29% 30% 25% 20% 17% 16%                                      | 26% 24%  24%  Di Total E. gra. 100% 69% 72% 64% 67% 61% 56% 53% 48% 49% 49% 48% 49% 49% 48% 49% 49% 48% 49% 49% 48% 47% 39% 39% 37% 34% 33% 30% 20% 17% 16%   | 43% 51%  C. pro. 100% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 79% 71% 64% 64% 64% 64% 64% 63% 62% | 23% 24%  D. arg. 100% 77% 73% 67% 68% 63% 61% 57% 55% 49% 49% 52% 51% 49% 49% 49% 49% 40% 40% 40% 34% 34% 30% 20% 17% 16%  | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 98% 98% 98% 98% 89% 89% 89% 89                                      | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>84%<br>84%<br>77%<br>75%<br>68%<br>68%<br>56%<br>56%<br>55%<br>53%<br>48%<br>46%<br>43%<br>40%<br>36%<br>33%<br>27%                      | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 38% 43% 44% 41% 41% 41% 39% 38% 37% 22% 27% 29% 30% 31% 33% 29% 30%            | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 93% 94% 94% 94% 95% 99% 100% 100% 99% 97% 46% 46% 62% 46% 32% 36% | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 47% 46% 39% 39% 40% 40% 39% 39% 39% 40% 40% 39% 39% 40% 40% 39% 31% 25% 27% 24% 16% | 99%  M. sal.  92% 95% 95% 96% 99% 100% 99% 100% 99% 99% 99% 99% 99% 99% 99% 99% 99%                       | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 59% 57% 56% 56% 54% 52% 51% 49% 49% 49% 43% 35% 37% 35% 29% 23%   |
| 400<br>500<br>Devils Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>125<br>125<br>125<br>125<br>125<br>120<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125                                 | 23% 24%  - QT 0.75 - Pool Min All 69% 69% 72% 64% 66% 61% 56% 38% 43% 44% 41% 41% 41% 41% 39% 38% 37% 22% 27% 29% 30% 25% 20% 17%  | 26% 24%  24%  Plantal E. gra. 100% 69% 72% 64% 67% 61% 56% 53% 48% 49% 49% 48% 49% 49% 48% 49% 49% 48% 49% 48% 47% 39% 39% 37% 34% 33% 30% 20% 17%  | 43% 51%  C. pro. 10% 95% 95% 88% 87% 88% 86% 80% 81% 78% 79% 79% 79% 79% 71% 64% 64% 64% 64% 63% 62%      | 23%<br>24%<br>D. arg.<br>100%<br>77%<br>68%<br>63%<br>61%<br>57%<br>55%<br>49%<br>52%<br>52%<br>51%<br>49%<br>49%<br>49%<br>40%<br>40%<br>40%<br>40%<br>34%<br>30%<br>20%<br>17% | 49% 42%  D. dia. 100% 96% 97% 100% 98% 98% 98% 95% 93% 93% 89% 89% 88% 88% 88% 85% 73% 69% 65% 51% 45%         | 31%<br>30%<br>N. ama.<br>98%<br>100%<br>94%<br>96%<br>91%<br>86%<br>84%<br>84%<br>77%<br>75%<br>68%<br>68%<br>56%<br>55%<br>53%<br>54%<br>44%<br>44%<br>44%<br>44%<br>43%<br>46%<br>43%<br>40%<br>36%<br>33% | 42% 60%  A. mex. 76% 100% 85% 86% 90% 86% 38% 43% 41% 41% 41% 41% 41% 39% 38% 37% 22% 27% 29% 30% 31% 33% 29%            | 51% 72%  N. str. 69% 73% 85% 96% 91% 90% 92% 93% 93% 94% 94% 94% 95% 99% 100% 100% 99% 46% 46% 61% 62% 46% 32%     | 24%  L. meg.  100% 90% 82% 75% 66% 61% 58% 57% 52% 48% 48% 47% 46% 39% 39% 39% 40% 40% 39% 31% 25% 27% 24%                                 | 99%  M. sal.  92% 95% 95% 96% 99% 100% 99% 100% 99% 99% 99% 98% 99% 99% 99% 99% 99% 100% 99% 99% 100% 100 | 89%  C. cya.  100% 94% 84% 87% 83% 79% 79% 73% 59% 57% 56% 56% 56% 54% 52% 51% 49% 49% 49% 43% 35% 37% 35% 29% 23%   |

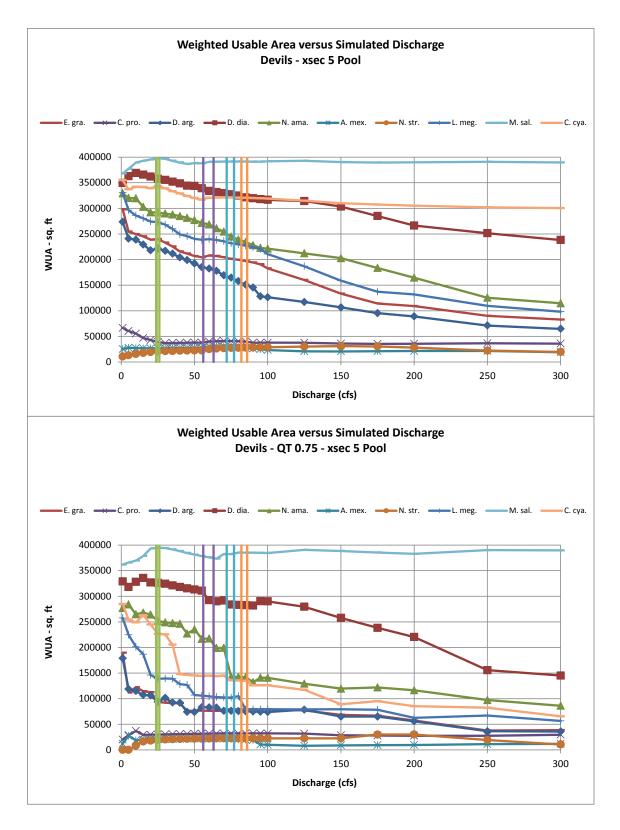


Figure 11-9 Weighted usable area versus simulated discharge at Devils River (Pool 1).

Table 11-9 Percent of maximum WUA versus simulated discharge at Devils River (Pool 1).

| Q<br>1  | Min All<br>34%  | E. gra.   | C. pro.<br>100%  | D. arg.<br>100%   | D. dia.<br>95%  | N. ama.<br>100%   | A. mex.<br>82%  | N. str.<br>34%   | L. meg.<br>100%   | M. sal.<br>92%  | C. cya  |
|---|---|---|--|---|---|---|---|--|---|---|---|
|   |   |   |  |   |   |   |   |  |   |   |   |
| 5   | 43%   | 85%   | 91%  | 88%   | 98%   | 97%   | 90%   | 43%  | 90%   | 95%   | 95%   |
| 10  | 51%   | 84%   | 83%  | 87%   | 100%  | 97%   | 88%   | 51%  | 87%   | 98%   | 96%   |
| 15  | 57%   | 82%   | 70%  | 84%   | 99%   | 92%   | 87%   | 57%  | 85%   | 99%   | 96%   |
| 20  | 63%   | 80%   | 64%  | 80%   | 98%   | 89%   | 87%   | 63%  | 83%   | 99%   | 96%   |
| 25  | 59%   | 80%   | 59%  | 81%   | 97%   | 89%   | 87%   | 66%  | 83%   | 100%  | 97%   |
| 30  | 55%   | 78%   | 55%  | 79%   | 96%   | 88%   | 87%   | 69%  | 81%   | 100%  | 96%   |
| 35  | 56%   | 76%   | 56%  | 77%   | 95%   | 87%   | 88%   | 70%  | 79%   | 99%   | 94%   |
| 40  | 56%   | 72%   | 56%  | 75%   | 94%   | 87%   | 89%   | 70%  | 75%   | 98%   | 93%   |
| 45  | 57%   | 71%   | 57%  | 73%   | 93%   | 85%   | 90%   | 71%  | 74%   | 97%   | 91%   |
| 50  | 57%   | 69%   | 57%  | 70%   | 93%   | 84%   | 90%   | 72%  | 73%   | 98%   | 90%   |
| 55  | 57%   | 69%   | 57%  | 68%   | 92%   | 82%   | 90%   | 73%  | 72%   | 97%   | 89%   |
| 60  | 60%   | 70%   | 60%  | 67%   | 91%   | 82%   | 99%   | 81%  | 73%   | 98%   | 90%   |
| 65  | 61%   | 69%   | 61%  | 65%   | 90%   | 79%   | 100%  | 85%  | 72%   | 98%   | 91%   |
| 70  | 61%   | 69%   | 61%  | 62%   | 89%   | 77%   | 98%   | 87%  | 71%   | 98%   | 91%   |
| 75  | 60%   | 68%   | 61%  | 60%   | 89%   | 74%   | 96%   | 88%  | 70%   | 98%   | 91%   |
| 80  | 58%   | 67%   | 61%  | 58%   | 88%   | 73%   | 93%   | 90%  | 69%   | 98%   | 90%   |
| 85  | 55%   | 66%   | 60%  | 55%   | 87%   | 71%   | 89%   | 91%  | 69%   | 98%   | 90%   |
| 90  | 53%   | 65%   | 56%  | 53%   | 87%   | 69%   | 85%   | 92%  | 68%   | 98%   | 90%   |
| 95  | 47%   | 64%   | 57%  | 47%   | 86%   | 68%   | 81%   | 92%  | 67%   | 98%   | 90%   |
| 00  | 46%   | 61%   | 57%  | 46%   | 86%   | 67%   | 76%   | 93%  | 64%   | 98%   | 90%   |
| .25   | 43%   | 54%   | 56%  | 43%   | 85%   | 64%   | 68%   | 97%  | 56%   | 99%   | 89%   |
| .50   | 39%   | 45%   | 54%  | 39%   | 82%   | 62%   | 67%   | 100%   | 48%   | 98%   | 87%   |
| 175   | 35%   | 38%   | 53%  | 35%   | 77%   | 56%   | 68%   | 98%  | 42%   | 98%   | 87%   |
| 200   | 33%   | 37%   | 54%  | 33%   | 72%   | 50%   | 70%   | 91%  | 40%   | 98%   | 86%   |
| 250   | 26%   | 30%   | 55%  | 26%   | 68%   | 38%   | 70%   | 72%  | 33%   | 98%   | 85%   |
| 300   | 24%   | 28%   | 54%  | 24%   | 65%   | 35%   | 62%   | 64%  | 30%   | 98%   | 85%   |
| 350   | 23%   | 24%   | 49%  | 23%   | 58%   | 32%   | 48%   | 49%  | 23%   | 98%   | 84%   |
|   |   |   |  |   |   |   |   |  |   |   |   |
| 400<br>500  | 23%<br>22%  | 23%<br>23%  | 56%<br>65%   | 23%<br>22%  | 48%<br>37%  | 31%<br>27%  | 63%<br>84%  | 66%<br>91%   | 23%<br>22%  | 97%<br>98%  | 84%<br>85%  |
| 500<br>evils  | 22%<br>- QT 0.75 - xse  | 23%<br>ec 5 Pool  | 65%  | 22%   | 37%   | 27%   | 84%   | 91%  | 22%   | 98%   | 85%   |
| evils -   | 22%<br>- QT 0.75 - xs 6<br>Min All  | 23%<br>ec 5 Pool<br>E. gra.   | 65%<br>C. pro.   | 22%<br>D. arg.  | 37%<br>D. dia.  | 27%<br>N. ama.  | 84%<br>A. mex.  | 91%<br>N. str.   | 22%<br>L. meg.  | 98%<br>M. sal.  | 85%<br>C. cya   |
| evils -<br>Q<br>1   | 22%<br>- QT 0.75 - xse<br>Min All<br>0%   | 23%<br>ec 5 Pool<br>E. gra.<br>100%   | 65%<br>C. pro.<br>55%  | D. arg.   | D. dia.   | N. ama.   | A. mex.<br>44%  | 91%<br>N. str.<br>0%   | 22%<br>L. meg.<br>100%  | 98%<br>M. sal.<br>92%   | C. cy:  |
| evils -<br>Q<br>1<br>5  | 22%<br>- QT 0.75 - xse<br>Min All<br>0%<br>0%   | 23% ec 5 Pool E. gra. 100% 59%  | 65%<br>C. pro.<br>55%<br>78%   | D. arg. 100% 66%  | D. dia. 98% 95%   | N. ama.<br>98%<br>100%  | A. mex.<br>44%<br>100%  | 91%<br>N. str.<br>0%<br>0%   | 22% L. meg. 100% 87%  | 98% M. sal. 92% 93%   | C. cys  |
| evils -<br>Q<br>1<br>5  | 22% - QT 0.75 - xse Min All 0% 0% 28%   | 23%<br>ec 5 Pool<br>E. gra.<br>100%<br>59%<br>64%   | C. pro. 55% 78% 100%   | D. arg.<br>100%<br>66%<br>64%   | D. dia.<br>98%<br>95%<br>98%  | N. ama.<br>98%<br>100%<br>93%   | A. mex.<br>44%<br>100%<br>68%   | 91%<br>N. str.<br>0%<br>0%<br>28%  | 22%  L. meg.  100%  87%  78%  | 98% M. sal. 92% 93% 94%   | C. cys<br>1009<br>89%<br>87%  |
| evils - Q<br>1<br>5<br>10<br>15   | 22% - QT 0.75 - xse Min All 0% 0% 28% 55%   | 23% ec 5 Pool E. gra. 100% 59% 64% 60%  | C. pro. 55% 78% 100% 79%   | D. arg.<br>100%<br>66%<br>64%<br>60%  | D. dia.  98%  95%  98%  100%  | N. ama.<br>98%<br>100%<br>93%<br>94%  | A. mex.<br>44%<br>100%<br>68%<br>72%  | 91%  N. str.  0%  0%  28%  55%   | 22%  L. meg.  100%  87%  78%  73%   | 98%  M. sal.  92%  93%  94%  96%  | C. cys<br>1009<br>89%<br>87%<br>92%   |
| evils -<br>Q<br>1<br>5<br>10<br>15<br>20  | 22% -QT0.75 - xse Min All 0% 0% 28% 55% 57%   | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59%  | C. pro. 55% 78% 100% 79% 80%   | D. arg.<br>100%<br>66%<br>64%<br>60%<br>60%   | D. dia.<br>98%<br>95%<br>98%<br>100%<br>97%   | N. ama.<br>98%<br>100%<br>93%<br>94%<br>93%   | A. mex.<br>44%<br>100%<br>68%<br>72%<br>73%   | 91%  N. str.  0%  0%  28%  55%  60%  | 22% L. meg. 100% 87% 78% 73% 57%  | 98%<br>M. sal.<br>92%<br>93%<br>94%<br>96%<br>100%  | C. cy: 1009 89% 87% 92%   |
| evils -<br>Q<br>1<br>5<br>10<br>15<br>20  | 22%  - QT 0.75 - xse  Min All  0%  0%  28%  55%  57%  49%   | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49%  | C. pro. 55% 78% 100% 79% 80% 81%   | D. arg.<br>100%<br>66%<br>64%<br>60%<br>60%   | D. dia.  98% 95% 98% 100% 97%   | N. ama.  98% 100% 93% 94% 93% 89%   | A. mex.<br>44%<br>100%<br>68%<br>72%<br>73%<br>74%  | 91%  N. str.  0%  0%  28%  55%  60%  64%   | L. meg.<br>100%<br>87%<br>78%<br>73%<br>57%<br>54%  | 98%  M. sal.  92%  93%  94%  96%  100%  | C. cy: 1009 89% 87% 92% 86% 80%   |
| evils -<br>Q<br>1<br>5<br>10<br>15<br>20<br>25  | 22%  -QT 0.75 - xse  Min All  0%  0%  28%  55%  57%  49%  | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49%  | 65%  C. pro. 55% 78% 100% 79% 80% 81% 82%  | D. arg.<br>100%<br>66%<br>64%<br>60%<br>52%<br>57%  | 37%  D. dia. 98% 95% 98% 100% 97% 97%   | N. ama.<br>98%<br>100%<br>93%<br>94%<br>93%<br>89%  | A. mex.<br>44%<br>100%<br>68%<br>72%<br>73%<br>74%  | 91%  N. str.  0%  0%  28%  55%  60%  64%   | 22% L. meg. 100% 87% 78% 73% 57% 54%  | 98%  M. sal.  92%  93%  94%  96%  100%  100%  | C. cy: 1009 89% 87% 92% 86% 80%   |
| evils - Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  57%  49%  49%  48%   | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 49%  | C. pro. 55% 78% 100% 79% 80% 81% 82% 83%   | D. arg.<br>100%<br>66%<br>64%<br>60%<br>52%<br>57%<br>52%   | 37%  D. dia.  98%  95%  98%  100%  97%  97%  96%  | N. ama. 98% 100% 93% 94% 93% 89% 88% 87%  | A. mex.  44% 100% 68% 72% 73% 74% 76% 77%   | 91%  N. str. 0% 0% 28% 55% 60% 64% 68% 70%   | 22%  L. meg. 100% 87% 78% 57% 54% 54%   | 98%  M. sal.  92%  93%  94%  96%  100%  100%  99%   | C. cy: 1009 89% 87% 92% 86% 80% 79%   |
| evils - Q<br>1 5 10 15 20 25 30 35 40   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  57%  49%  48%  48%   | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 49% 48% 48%  | 65%  C. pro.  55% 78% 100% 79% 80% 81% 82% 83% 83%   | D. arg. 100% 66% 64% 60% 52% 57% 52% 51%  | 37%  D. dia.  98%  98%  98%  100%  97%  97%  96%  95%   | N. ama. 98% 100% 93% 94% 93% 89% 88% 87% 87%  | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 78%   | 91%  N. str.  0%  0%  28%  55%  60%  64%  68%  70%  71%  | 22%  L. meg. 100% 87% 78% 73% 54% 54% 50%   | 98%  M. sal.  92% 93% 94% 96% 100% 100% 99% 98%   | C. cyc<br>100°<br>89°<br>87°<br>92°<br>86°<br>80°<br>79°<br>72°<br>52°                    |
| evils - Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  57%  49%  48%  48%  40%  | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 48% 48% 40%  | 65%  C. pro.  55%  78%  100%  79%  80%  81%  82%  83%  83%  84%  | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41%  | 37%  D. dia.  98%  98%  98%  100%  97%  97%  96%  95%  94%  | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80%   | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 78%   | 91%  N. str.  0%  0%  28%  55%  60%  64%  68%  70%  71%  72%   | 22%  L. meg. 100% 87% 78% 73% 57% 54% 54% 50% 49%   | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  99%  98%  97%   | C. cy: 1009 89% 87% 92% 86% 80% 79% 52% 51%   |
| evils - Q 1 5 10 15 20 25 30 35 40 45 50  | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  48%  40%  40%   | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 599% 49% 48% 48% 40% 40%   | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 83% 84% 85%   | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 41%  | 37%  D. dia.  98%  95%  98%  100%  97%  97%  96%  95%  94%  93%   | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 83%   | A. mex. 44% 100% 68% 72% 73% 74% 76% 77% 78% 78% 79%  | 91%  N. str.  0%  0%  28%  55%  60%  64%  68%  70%  71%  72%  73%  | 22%  L. meg.  100%  87%  78%  73%  54%  54%  50%  49%  42%  | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  99%  98%  97%  97%  | C. cy: 1009 89% 87% 92% 86% 80% 79% 52% 51%   |
| evils - Q<br>1 5 10<br>15 20<br>25 30 35 40 45 50 55  | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 49% 48% 40% 40% 40%  | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 84% 85%   | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 41%  | D. dia.  98% 95% 98% 100% 97% 97% 96% 95% 94% 93%   | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 87% 80% 83%                                     | 84%  A. mex.  44%  100%  68%  72%  73%  74%  76%  77%  78%  78%  79%  80%                               | 91%  N. str.  0%  0%  28%  55%  60%  64%  68%  70%  71%  72%  73%  74%   | 22%  L. meg.  100% 87% 78% 73% 54% 54% 50% 49% 42% 41%  | 98%  M. sal.  92%  93%  94%  96%  100%  100%  99%  98%  97%  96%  | 85%  C. cyc 1003 89% 87% 92% 86% 80% 79% 52% 51% 51%                                      |
| evils - Q 1 5 10 15 20 25 30 35 40 45 50 55 60  | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%   | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 599 49% 48% 48% 40% 40% 40% 40%  | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 84% 85% 85%   | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 41% 47% 46%  | D. dia.  98% 95% 98% 100% 97% 97% 96% 95% 94% 93% 87%   | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 83% 76% 77%                                 | A. mex. 44% 100% 68% 72% 73% 74% 76% 77% 78% 78% 79% 80% 81%  | 91%  N. str.  0%  0%  28%  55%  60%  64%  68%  70%  71%  72%  73%  74%   | 22%  L. meg. 100% 87% 78% 73% 54% 54% 54% 50% 49% 42% 41% 41%   | 98%  M. sal.  92%  93%  94%  96%  100%  100%  99%  98%  97%  96%  95%   | 85%  C. cyc 1003 89% 87% 92% 86% 80% 79% 72% 51% 51% 51%                                  |
| evils - Q 1 5 10 15 20 25 30 35 40 45 50 66   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 599 49% 49% 48% 40% 40% 40% 40% 40%                                      | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 83% 84% 85% 86%   | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 41% 47% 46% 46%  | D. dia.  98%  95%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 83% 76% 70%                                 | A. mex. 44% 100% 68% 72% 73% 74% 76% 77% 80% 81% 80%  | 91%  N. str.  0%  0%  28%  55%  60%  64%  71%  72%  73%  74%  74%  75%   | 22%  L. meg. 100% 87% 78% 73% 54% 54% 54% 54% 49% 42% 41% 41% 40%                                     | 98%  M. sal.  92%  93%  94%  96%  100%  100%  99%  98%  97%  96%  95%  95%  | 85%  C. cyc 1005 89% 87% 92% 86% 80% 79% 51% 51% 51%                                      |
| evils - Q<br>Q<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>65                           | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%                                       | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 599 49% 49% 40% 40% 40% 40% 40% 40%                                      | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 83% 84% 85% 86% 86%   | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 41% 46% 46% 43%  | D. dia.  98% 95% 98% 100% 97% 97% 96% 95% 94% 93% 87% 86%   | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 70% 70%   | A. mex. 44% 100% 68% 72% 73% 74% 76% 77% 88% 79% 80% 81% 80%  | 91%  N. str.  0%  0%  28%  55%  60%  64%  71%  72%  73%  74%  74%  75%   | 22%  L. meg.  100% 87% 78% 73% 54% 54% 54% 50% 49% 42% 41% 41% 40%                                    | 98%  M. sal.  92%  93%  94%  96%  100%  100%  99%  98%  97%  96%  95%  95%  | 85%  C. cy. 1000 899 879 922 869 809 729 519 519 519 519 519                              |
| evils - Q<br>Q<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75                     | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  40%                                  | 23% Ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 48% 40% 40% 40% 40% 42% 42%                                      | 65%  C. pro.  55%  78%  100%  79%  80%  81%  82%  83%  84%  85%  86%  86%  87%                         | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 46% 43% 43%  | 37%  D. dia.  98%  95%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  87%  85%                             | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 70% 70% 50%                                     | A. mex.  44%  100% 68% 72% 73% 74% 76% 77% 78% 78% 80% 80% 80% 78%                                      | 91%  N. str. 0% 0% 28% 55% 60% 64% 68% 70% 71% 72% 73% 74% 75% 75%   | 22%  L. meg. 100% 87% 78% 73% 57% 54% 54% 50% 49% 42% 41% 40% 40% 40%                                 | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  99%  98%  97%  96%  95%  95%  97%  97%                          | 85%  C. cy. 1009 899 879 922 869 809 729 519 519 519 519 489                              |
| evils - Q 1 5 10 115 20 25 30 35 40 45 50 65 70 75 80   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  49%  48%  40%  40%  40%  40%  40%  40%  40                         | 23% E. gra. 100% 59% 64% 60% 59% 49% 48% 48% 40% 40% 40% 40% 42% 42% 42%  | 65%  C. pro.  55%  78%  100%  79%  80%  81%  82%  83%  84%  85%  86%  87%  87%                         | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 46% 43% 43% 43% 42%                                | 37%  D. dia.  98%  95%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  87%  85%  84%                        | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 87% 80% 50%                                     | A. mex.  44%  100% 68% 72% 73% 74% 76% 77% 88% 78% 80% 81% 80% 78% 75%                                  | 91%  N. str. 0% 0% 28% 55% 60% 64% 68% 70% 71% 72% 73% 74% 75% 76%   | 22%  L. meg. 100% 87% 78% 73% 54% 54% 50% 49% 42% 41% 40% 40% 40% 41%                                 | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  99%  98%  97%  97%  96%  95%  97%  97%  98%                     | 85%  C. cy. 1009 899 879 929 869 809 729 519 519 519 489 489                              |
| evils - Q 1 5 10 115 20 25 30 35 40 45 50 65 70 75 80 85  | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  40%  40                              | 23%  E. gra.  100% 59% 64% 60% 59% 49% 48% 48% 40% 40% 40% 40% 42% 42% 42%                                      | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 84% 85% 86% 86% 86% 86% 87% 87%                               | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 46% 43% 43% 42%                                    | 37%  D. dia.  98%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  87%  86%  84%                             | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 70% 50% 50%                                 | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 78% 78% 80% 81% 80% 75% 72%                                   | 91%  N. str.  0%  0%  28%  55%  60%  64%  71%  72%  73%  74%  74%  75%  76%  76%   | 22%  L. meg. 100% 87% 78% 73% 54% 54% 50% 49% 41% 40% 40% 41% 31%                                     | 98%  M. sal.  92% 93% 94% 96% 100% 100% 99% 98% 97% 97% 96% 95% 95% 97% 98%   | 85%  C. cy.  1007  89%  87%  87%  92%  86%  79%  72%  51%  51%  51%  48%  48%             |
| evils - Q 1   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  49%  48%  40%  40%  40%  40%  40%  40%  40                         | 23% E. gra. 100% 59% 64% 60% 59% 49% 48% 48% 40% 40% 40% 40% 42% 42% 42%  | 65%  C. pro.  55%  78%  100%  79%  80%  81%  82%  83%  84%  85%  86%  87%  87%                         | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 46% 43% 43% 43% 42%                                | 37%  D. dia.  98%  95%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  87%  85%  84%                        | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 87% 80% 50%                                     | A. mex.  44%  100% 68% 72% 73% 74% 76% 77% 88% 78% 80% 81% 80% 78% 75%                                  | 91%  N. str. 0% 0% 28% 55% 60% 64% 68% 70% 71% 72% 73% 74% 75% 76%   | 22%  L. meg. 100% 87% 78% 73% 54% 54% 50% 49% 42% 41% 40% 40% 40% 41%                                 | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  99%  98%  97%  97%  96%  95%  97%  97%  98%                     | 85%  C. cy. 1009 899 879 929 869 809 729 519 519 519 489 489                              |
| Q 1 1 5 5 110 115 220 225 330 445 550 665 770 775 880 885 990   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  40%  40                              | 23%  E. gra.  100% 59% 64% 60% 59% 49% 48% 48% 40% 40% 40% 40% 42% 42% 42%                                      | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 84% 85% 86% 86% 86% 86% 87% 87%                               | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 46% 43% 43% 42%                                    | 37%  D. dia.  98%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  87%  86%  84%                             | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 70% 50% 50%                                 | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 78% 78% 80% 81% 80% 75% 72%                                   | 91%  N. str.  0%  0%  28%  55%  60%  64%  71%  72%  73%  74%  74%  75%  76%  76%   | 22%  L. meg. 100% 87% 78% 73% 54% 54% 50% 49% 41% 40% 40% 41% 31%                                     | 98%  M. sal.  92% 93% 94% 96% 100% 100% 99% 98% 97% 97% 96% 95% 95% 97% 98%   | 85%  C. cy. 1003 899 877 922 869 809 729 519 519 519 489 489                              |
| 000 Q 1 5 100 15 200 225 335 440 445 560 77 78 80 835 90 95   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  40%  41%  31%                        | 23%  ec 5 Pool E. gra.  100% 59% 64% 60% 59% 49% 49% 48% 40% 40% 40% 40% 40% 42% 42% 42% 42%                    | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 83% 84% 85% 86% 86% 86% 87% 87% 87%                           | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 43% 42% 42%  | 37%  D. dia.  98%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  87%  85%  84%  84%                        | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 83% 76% 70% 50% 50% 47%                     | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 80% 80% 80% 80% 75% 72% 69%                                   | 91%  N. str.  0%  0%  28%  55%  60%  64%  71%  72%  73%  74%  74%  75%  76%  76%  76%                                      | 22%  L. meg.  100% 87% 78% 73% 54% 54% 50% 49% 41% 40% 41% 31% 31%                                    | 98%  M. sal.  92% 93% 94% 96% 100% 100% 99% 98% 97% 97% 96% 95% 97% 97% 98% 98%                                     | 85%  C. cy.  1003  899  879  929  869  809  729  519  5119  489  489  479  444            |
| Q<br>1 5<br>110<br>15<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990  | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  57%  49%  49%  48%  40%  40%  40%  40%  40%  40%  31%  31%                   | 23%  ec 5 Pool E. gra.  100% 59% 64% 60% 59% 49% 48% 48% 40% 40% 40% 40% 40% 42% 42% 42% 42%                    | 65%  C. pro.  55% 78% 100% 79% 80% 81% 82% 83% 84% 85% 86% 87% 87% 87% 87% 87% 87%                     | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 44% 44% 42% 42% 42%                                    | 37%  D. dia.  98%  98%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  87%  84%  84%  84%                   | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 83% 76% 70% 50% 50% 47%                     | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 80% 80% 80% 80% 78% 75% 72% 69% 38%                           | 91%  N. str.  0%  0%  28%  55%  60%  64%  71%  72%  73%  74%  75%  76%  76%  76%  76%                                      | 22%  L. meg.  100% 87% 78% 73% 54% 54% 50% 49% 41% 40% 40% 40% 41% 31% 31%                            | 98%  M. sal.  92% 93% 94% 96% 100% 100% 100% 99% 98% 97% 97% 96% 95% 95% 97% 98% 98% 98%                            | 859 C. cy 100' 899 879 922 869 809 799 729 519 519 519 489 489 479 449                    |
| Q 1 5 10 15 20 25 30 44 45 550 665 77 665 88 5 990 995  | 22%  OT 0.75 - xsee  Min All  0%  0%  28%  55%  57%  49%  48%  40%  40%  40%  40%  40%  40%  31%  31%  31%                  | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 48% 48% 40% 40% 40% 40% 42% 42% 42% 42% 42%                      | 65%  C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 84% 85% 86% 87% 87% 87% 87% 87% 87%                      | D. arg. 100% 66% 66% 60% 52% 57% 52% 51% 41% 44% 46% 43% 42% 42% 42% 41%                                | 37%  D. dia.  98%  95%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  87%  85%  84%  84%  84%  84%         | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 83% 76% 70% 50% 50% 50% 50%                 | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 88% 79% 80% 81% 80% 75% 72% 69% 38% 36%                       | 91%  N. str.  0%  0%  28%  55%  60%  64%  68%  70%  71%  72%  73%  74%  75%  76%  76%  76%  76%  76%                       | 22%  L. meg. 100% 87% 78% 73% 54% 54% 50% 49% 42% 41% 40% 40% 40% 31% 31% 31%                         | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  99%  98%  97%  97%  95%  97%  97%  98%  98%  98%  98%  98%      | 859 C. cy 100' 899 879 929 866 809 799 729 519 519 519 489 489 479 449                    |
| Q 1 1 5 110 115 220 125 330 335 440 445 550 665 770 775 880 885 990 995   | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  40%  31%  31%  31%  29%              | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 49% 48% 40% 40% 40% 40% 42% 42% 42% 42% 41%                      | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 84% 85% 86% 87% 87% 87% 87% 87% 87% 87% 87%                   | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 43% 42% 42% 42% 41% 44%                            | 37%  D. dia.  98%  95%  98%  100%  97%  97%  96%  95%  94%  93%  87%  86%  84%  84%  84%  84%  84%  88%         | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 83% 76% 70% 50% 50% 47%                     | 84%  A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 80% 80% 81% 80% 75% 72% 69% 38% 36% 29%                  | 91%  N. str.  0%  0%  28%  55%  60%  64%  68%  70%  71%  72%  73%  74%  75%  76%  76%  76%  76%  76%  76%                  | 22%  L. meg.  100% 87% 78% 73% 54% 54% 50% 49% 42% 41% 40% 40% 40% 31% 31% 31% 31%                    | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  98%  97%  97%  96%  95%  97%  98%  98%  98%  98%  98%  98%  99% | C. cy 100' 899 879 929 869 809 799 722 519 519 519 489 489 479 449 449 419 319            |
| evils - Q 1 5 10 15 10 15 20 33 35 40 45 50 65 70 75 80 88 99 95 100 125 150 175                                  | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  31%  31%  31%  31%                   | 23% ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 49% 48% 40% 40% 40% 40% 42% 42% 42% 42% 42% 41% 36%              | C. pro. 55% 78% 100% 79% 80% 81% 82% 83% 84% 85% 86% 87% 87% 87% 87% 87% 87% 87% 87% 87%               | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 43% 43% 42% 42% 42% 44% 36%                        | 37%  D. dia.  98% 95% 98% 100% 97% 97% 96% 95% 94% 93% 87% 86% 87% 86% 84% 84% 84% 84% 87%                      | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 70% 50% 50% 47% 50% 45% 42%                     | 84%  A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 78% 78% 79% 80% 81% 80% 75% 72% 69% 38% 36% 29% 32%      | 91%  N. str.  0%  0%  28%  55%  60%  644%  688%  70%  71%  72%  73%  74%  75%  76%  76%  76%  76%  76%  76%  76            | 22%  L. meg.  100% 87% 78% 73% 554% 54% 50% 49% 42% 41% 40% 40% 40% 31% 31% 31% 31% 31%               | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  98%  97%  97%  96%  95%  97%  97%  98%  98%  98%  98%  98%  98  | 85%  C. cy. 1003 899 879 929 869 809 729 519 511 511 511 489 489 479 449                  |
| evils - Q  1  5  10  15  10  15  10  15  10  15  10  17  17  18  18  18  18  18  18  18  18                       | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  31%  31%  31%  31%  31%  31%  31%  3 | 23% Ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 48% 40% 40% 40% 40% 42% 42% 42% 42% 42% 42% 41% 36% 35%          | 65%  C. pro.  55%  78%  100%  79%  80%  81%  82%  83%  84%  85%  86%  87%  87%  87%  87%  87%  87%  87 | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 43% 42% 42% 42% 41% 44% 36% 36%                    | 37%  D. dia.  98% 95% 98% 100% 97% 97% 96% 95% 94% 93% 87% 86% 87% 85% 84% 84% 84% 87% 86% 83% 77% 71%          | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 83% 76% 70% 50% 50% 47% 50% 50% 45% 42% 43% | 84%  A. mex.  44%  100% 68% 72% 73% 74% 76% 77% 88% 78% 80% 81% 80% 80% 75% 72% 69% 33% 36% 29% 32% 34% | 91%  N. str.  0%  0%  28%  55%  60%  64%  71%  72%  73%  74%  75%  76%  76%  76%  76%  76%  76%  76                        | 22%  L. meg. 10% 87% 78% 73% 54% 54% 54% 50% 41% 40% 40% 41% 31% 31% 31% 31% 31% 30%                  | 98%  M. sal.  92%  93%  94%  96%  100%  100%  100%  99%  98%  97%  96%  95%  97%  97%  98%  98%  98%  98%  98%  98  | 85%  C. cy. 1003 899 879 929 869 809 729 519 519 519 489 479 449 449 419 319 339 309      |
| Soon  Q  1  5  10  15  10  15  30  335  40  45  50  665  70  75  80  885  90  100  125  125  1250  175  200  2250 | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  31%  31%  31%  31%  31%  31%  31%  3 | 23%  E. gra.  100%  59%  64%  60%  59%  49%  48%  40%  40%  40%  40%  42%  42%  42%  42                         | 65%  C. pro.  55%  78%  100%  79%  80%  81%  82%  83%  84%  85%  86%  87%  87%  87%  87%  87%  87%  87 | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 44% 46% 43% 42% 42% 42% 41% 44% 36% 36% 31%        | 37%  D. dia.  98%  95% 98% 100% 97% 97% 96% 95% 94% 93% 87% 86% 87% 85% 84% 84% 84% 84% 87% 86% 83% 77% 71% 66% | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 50% 50% 50% 47% 50% 45% 42% 43% 41%         | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 88% 78% 79% 80% 81% 80% 88% 75% 72% 69% 38% 36% 29% 34% 35%   | 91%  N. str. 0% 0% 28% 55% 60% 64% 68% 70% 71% 72% 73% 74% 74% 75% 76% 76% 76% 76% 76% 100% 101%                           | 22%  L. meg. 100% 87% 78% 73% 54% 54% 54% 50% 49% 42% 41% 40% 40% 40% 41% 31% 31% 31% 31% 31% 31% 32% | 98%  M. sal.  92% 93% 94% 96% 100% 100% 100% 99% 98% 97% 96% 95% 97% 98% 98% 98% 98% 98% 98% 98% 98% 99%            | 85%  C. cy. 1009 899 877 922 869 809 729 519 519 519 489 489 449 449 419 319 339          |
| evils -<br>Q<br>1<br>5<br>10<br>15<br>20  | 22%  OT 0.75 - xse  Min All  0%  0%  28%  55%  49%  49%  48%  40%  40%  40%  40%  40%  31%  31%  31%  31%  31%  31%  31%  3 | 23%  Ec 5 Pool E. gra. 100% 59% 64% 60% 59% 49% 48% 40% 40% 40% 40% 40% 42% 42% 42% 42% 42% 42% 36% 35% 30% 20% | 65%  C. pro.  55%  78%  100%  79%  80%  81%  82%  83%  84%  85%  86%  86%  87%  87%  87%  87%  87%  87 | D. arg. 100% 66% 64% 60% 52% 57% 52% 51% 41% 44% 46% 44% 46% 43% 42% 42% 42% 42% 42% 42% 42% 42% 42% 42 | 37%  D. dia.  98% 95% 98% 100% 97% 97% 96% 95% 94% 93% 87% 86% 87% 86% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84   | N. ama.  98% 100% 93% 94% 93% 89% 88% 87% 87% 80% 50% 50% 50% 47% 50% 50% 42% 43% 41% 34%     | A. mex.  44% 100% 68% 72% 73% 74% 76% 77% 78% 80% 81% 80% 80% 75% 72% 69% 38% 36% 29% 32% 34% 35% 41%   | 91%  N. str.  0%  0%  28%  55%  60%  64%  68%  70%  71%  72%  73%  74%  74%  75%  76%  76%  76%  76%  76%  100%  101%  65% | 22%  L. meg. 100% 87% 78% 73% 55% 54% 50% 49% 41% 40% 40% 41% 31% 31% 31% 31% 31% 31% 31% 32% 24% 26% | 98%  M. sal.  92% 93% 94% 96% 100% 100% 100% 99% 98% 97% 96% 95% 95% 97% 98% 98% 98% 98% 98% 98% 98% 99%            | 85%  C. cy. 1003 899 877 922 869 809 729 519 519 519 489 479 449 449 419 3119 339 309 299 |

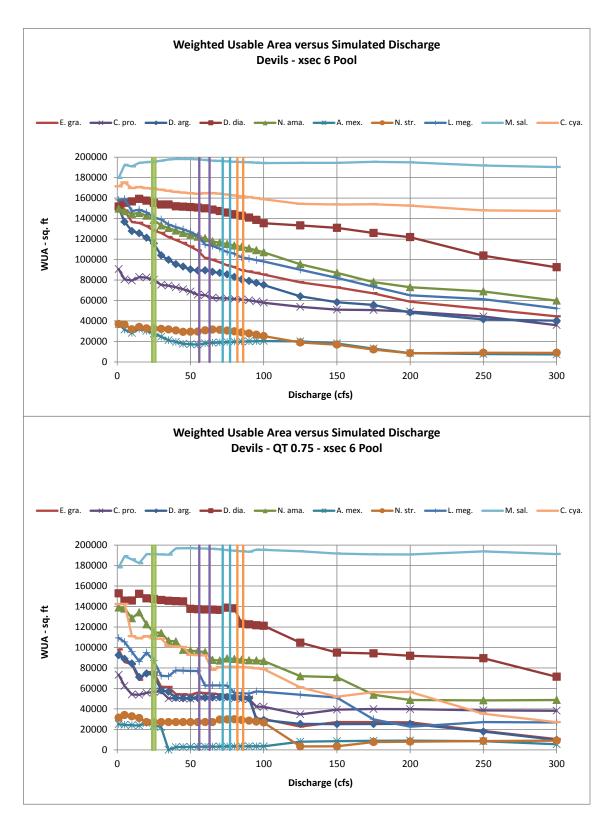


Figure 11-10 Weighted usable area versus simulated discharge at Devils River (Pool 2).

Table 11-10 Percent of maximum WUA versus simulated discharge at Devils River (Pool 2).

| Q  | Min All  | E. gra.  | C. pro.  | D. arg.  | D. dia.   | N. ama.   | A. mex.  | N. str.  | L. meg.  | M. sal.   | C. cya  |
|--|--|--|--|--|---|---|--|--|--|---|---|
| 1  | 91%  | 100%   | 100%   | 100%   | 95%   | 100%  | 100%   | 100%   | 99%  | 91%   | 98%   |
| 5  | 86%  | 94%  | 89%  | 91%  | 98%   | 98%   | 86%  | 99%  | 100%   | 97%   | 1009  |
| 10   | 77%  | 87%  | 88%  | 85%  | 98%   | 97%   | 77%  | 86%  | 93%  | 96%   | 97%   |
| 15   | 84%  | 86%  | 91%  | 84%  | 100%  | 97%   | 88%  | 92%  | 94%  | 98%   | 97%   |
| 20   | 81%  | 84%  | 91%  | 81%  | 99%   | 95%   | 83%  | 89%  | 92%  | 98%   | 97%   |
| 25   | 76%  | 82%  | 88%  | 77%  | 98%   | 93%   | 76%  | 88%  | 89%  | 99%   | 96%   |
| 30   | 67%  | 80%  | 83%  | 69%  | 97%   | 89%   | 67%  | 87%  | 88%  | 99%   | 96%   |
| 35   | 58%  | 77%  | 82%  | 66%  | 97%   | 87%   | 58%  | 86%  | 84%  | 100%  | 95%   |
| 40   | 53%  | 76%  | 80%  | 63%  | 95%   | 86%   | 53%  | 83%  | 83%  | 100%  | 95%   |
| 45   | 48%  | 74%  | 78%  | 62%  | 95%   | 84%   | 48%  | 79%  | 81%  | 100%  | 94%   |
| 50   | 47%  | 72%  | 76%  | 60%  | 95%   | 83%   | 47%  | 80%  | 80%  | 100%  | 94%   |
| 55   | 46%  | 69%  | 72%  | 59%  | 95%   | 82%   | 46%  | 80%  | 78%  | 100%  | 94%   |
| 60   | 49%  | 64%  | 72%  | 60%  | 94%   | 81%   | 49%  | 83%  | 72%  | 100%  | 94%   |
| 65   | 51%  | 63%  | 69%  | 59%  | 93%   | 79%   | 51%  | 86%  | 71%  | 99%   | 94%   |
| 70   | 52%  | 62%  | 69%  | 58%  | 93%   | 78%   | 52%  | 85%  | 70%  | 99%   | 94%   |
| 75   | 53%  | 60%  | 68%  | 57%  | 92%   | 77%   | 53%  | 83%  | 68%  | 99%   | 93%   |
| 80   | 54%  | 59%  | 68%  | 55%  | 91%   | 76%   | 54%  | 80%  | 67%  | 99%   | 93%   |
| 85   | 54%  | 57%  | 67%  | 54%  | 90%   | 75%   | 54%  | 78%  | 64%  | 98%   | 92%   |
| 90   | 53%  | 56%  | 66%  | 53%  | 89%   | 74%   | 55%  | 75%  | 63%  | 98%   | 92%   |
| 95   | 51%  | 55%  | 65%  | 51%  | 87%   | 73%   | 55%  | 72%  | 63%  | 98%   | 91%   |
| 100  | 50%  | 54%  | 64%  | 50%  | 85%   | 72%   | 56%  | 68%  | 62%  | 98%   | 91%   |
| 125  | 43%  | 49%  | 59%  | 43%  | 84%   | 64%   | 55%  | 51%  | 57%  | 98%   | 88%   |
| 150  | 39%  | 46%  | 56%  | 39%  | 82%   | 58%   | 49%  | 46%  | 52%  | 98%   | 88%   |
| 175  | 33%  | 43%  | 56%  | 37%  | 79%   | 52%   | 35%  | 33%  | 46%  | 99%   | 88%   |
| 200  | 23%  | 37%  | 54%  | 37%  | 77%   | 49%   | 24%  | 23%  | 41%  | 98%   | 87%   |
| 250  | 21%  | 33%  | 49%  | 28%  | 65%   | 46%   | 21%  | 24%  | 39%  | 97%   | 84%   |
| 300  | 20%  | 28%  | 49%  | 27%  | 58%   | 40%   | 20%  |  | 33%  | 96%   | 84%   |
| 350<br>350   | 24%  | 28%  | 38%  | 25%  |   | 35%   | 24%  | 24%<br>28%   | 31%  | 97%   | 86%   |
| 350  | 24%  | 28%  |  |  | 54%   |   |  |  |  |   |   |
|  | 100/   | 270/   | 260/   |  | E 1 0/  |   | 200/   |  |  |   |   |
| 400<br>500<br>evils  | 19%<br>23%<br>- QT 0.75 - xse  |  | 36%<br>43%   | 19%<br>24%   | 51%<br>50%  | 29%<br>32%  | 20%<br>38%   | 25%<br>38%   | 29%  | 97%<br>99%  | 86%<br>89%  |
| 400<br>500   | 23%  | 24%<br>ec 6 Pool<br>E. gra.  | 43%<br>C. pro.   | 24%<br>D. arg.   | 50%<br>D. dia.  | 32%<br>N. ama.  | 38%<br>A. mex.   | 38%<br>N. str.   | 23%<br>L. meg.   | 99%<br>M. sal.  | 89%<br>C. cya   |
| 400<br>500<br>Devils   | 23%<br>- QT 0.75 - xse<br>Min All  | 24%<br>ec 6 Pool   | C. pro.  | 24%  | 50%   | 32%   | 38%  | 38%  | 23%  | 99%   | C. cya  |
| 400<br>500<br>Pevils<br>Q<br>1   | 23%<br>- QT 0.75 - xse<br>Min All<br>90%   | 24%<br>ec 6 Pool<br>E. gra.<br>100%  | 43%<br>C. pro.   | D. arg.  | 50%<br>D. dia.<br>100%  | 32%<br>N. ama.<br>100%  | 38%<br>A. mex.<br>96%  | 38%<br>N. str.<br>92%  | L. meg.<br>100%  | 99%<br>M. sal.<br>90%   | C. cya  |
| 400<br>500<br>evils<br>Q<br>1<br>5   | 23%<br>- QT 0.75 - xse<br>Min All<br>90%<br>85%<br>74%   | 24% ec 6 Pool E. gra. 100% 88% 85%   | C. pro.<br>100%<br>85%<br>74%  | D. arg.<br>100%<br>96%<br>91%  | 50%  D. dia.  100%  95%  95%  | N. ama.<br>100%<br>99%<br>92%   | 38%  A. mex.  96%  93%  92%  | N. str. 92% 100% 97%   | 23% L. meg. 100% 96% 88%   | 99%<br>M. sal.<br>90%<br>96%<br>94%   | C. cya<br>1009<br>1009<br>78%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10  | 23%<br>- QT 0.75 - xse<br>Min All<br>90%<br>85%<br>74%<br>70%  | 24%<br>ec 6 Pool<br>E. gra.<br>100%<br>88%<br>85%<br>70%   | C. pro.<br>100%<br>85%<br>74%<br>73%   | D. arg.<br>100%<br>96%<br>91%<br>77%   | 50%  D. dia.  100%  95%  95%  100%  | N. ama.<br>100%<br>99%<br>92%<br>97%  | 38%  A. mex.  96%  93%  92%  91%   | N. str. 92% 100% 97% 92%   | 23%  L. meg.  100%  96%  88%  79%  | 99%  M. sal.  90%  96%  94%  93%  | C. cys<br>1009<br>1009<br>78%<br>76%  |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15  | 23% - QT 0.75 - xse Min All 90% 85% 74% 70% 76%  | 24%<br>ec 6 Pool<br>E. gra.<br>100%<br>88%<br>85%<br>70%<br>78%  | C. pro. 100% 85% 74% 73% 76%   | D. arg.<br>100%<br>96%<br>91%<br>77%<br>81%  | 50%  D. dia.  100% 95% 95% 100% 97%   | N. ama.<br>100%<br>99%<br>92%<br>97%<br>88%   | 38%  A. mex.  96% 93% 92% 91% 100%   | N. str. 92% 100% 97% 92% 80%   | 23%  L. meg.  100% 96% 88% 79% 87%   | 99%  M. sal.  90%  96%  94%  93%  97%   | C. cya<br>100%<br>100%<br>78%<br>76%<br>78%   |
| 400<br>500<br>Devils<br>Q<br>1<br>5<br>10<br>15<br>20  | 23%  - QT 0.75 - xse Min All 90% 85% 74% 70% 76%   | 24% ec 6 Pool E. gra. 100% 88% 85% 70% 78%   | C. pro. 100% 85% 74% 73% 76%   | D. arg.<br>100%<br>96%<br>91%<br>77%<br>81%  | D. dia.<br>100%<br>95%<br>95%<br>100%<br>97%  | N. ama.<br>100%<br>99%<br>92%<br>97%<br>88%<br>83%  | A. mex.  96% 93% 92% 91% 100% 93%  | N. str.  92% 100% 97% 92% 80%  | L. meg.<br>100%<br>96%<br>88%<br>79%<br>87%  | 99%  M. sal.  90% 96% 94% 93% 97%   | C. cya<br>1009<br>1009<br>78%<br>76%<br>78%   |
| 0evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25  | 23%  - QT 0.75 - xse  Min All  90%  85%  74%  70%  76%  63%  | 24%<br>ec 6 Pool<br>E. gra.<br>100%<br>88%<br>85%<br>70%<br>78%<br>77%<br>63%                                    | 43%  C. pro. 100% 85% 74% 73% 76% 77%  | D. arg.<br>100%<br>96%<br>91%<br>77%<br>81%<br>79%   | 50%  D. dia. 100% 95% 95% 100% 97% 96%  | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85%   | N. str.  92% 100% 97% 92% 80% 80%  | 23% L. meg. 100% 96% 88% 79% 87% 80%   | 99%  M. sal.  90% 96% 94% 93% 97% 97%   | C. cya<br>1009<br>1009<br>78%<br>76%<br>78%<br>76%  |
| 1 5 10 15 20 25 30 35  | 23%  - QT 0.75 - xse Min All 90% 85% 74% 70% 76% 63% 0%  | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63%   | 43%  C. pro. 100% 85% 74% 73% 76% 77% 68%  | D. arg.<br>100%<br>96%<br>91%<br>77%<br>81%<br>79%<br>63%<br>61%                             | 50%  D. dia.  100% 95% 95% 100% 97% 96% 96% 95%   | 32%  N. ama.  100%  99%  92%  97%  88%  83%  82%  77%   | 38%  A. mex. 96% 93% 92% 91% 100% 93% 85% 0%   | 38%  N. str.  92% 100% 97% 92% 80% 80% 80%   | 23%  L. meg. 100% 96% 88% 79% 87% 80% 66% 66%  | 99%  M. sal.  90% 96% 94% 93% 97% 97%   | C. cyc<br>1005<br>1005<br>78%<br>76%<br>76%<br>76%  |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | 23%  - QT 0.75 - xse Min All 90% 85% 74% 70% 76% 63% 0% 10%  | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55%   | 43%  C. pro.  100%  85%  74%  73%  76%  77%  68%  69%  | D. arg.<br>100%<br>96%<br>91%<br>77%<br>81%<br>79%<br>63%<br>61%<br>55%                      | 50%  D. dia.  100% 95% 95% 100% 97% 96% 96% 95% 95%   | 32%  N. ama.  100%  99%  92%  97%  88%  83%  82%  77%  76%  | 38%  A. mex.  96% 93% 92% 91% 100%  93%  85% 0% 10%  | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80%   | 23%  L. meg. 100% 96% 88% 79% 87% 80% 66% 71%  | 99%  M. sal.  90%  96%  94%  93%  97%  97%  97%  100%   | C. cys<br>1009<br>1009<br>78%<br>76%<br>76%<br>71%  |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | 23%  - QT 0.75 - xsee Min All 90% 85% 74% 70% 76% 63% 0% 10% 11%                                       | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55%   | 43%  C. pro. 100% 85% 74% 73% 76% 77% 68% 69% 69%  | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55%   | 50%  D. dia.  100% 95% 95% 100% 97% 96% 96% 95% 95%   | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 10% 11%  | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80%   | 23%  L. meg. 100% 96% 88% 79% 87% 80% 66% 71% 71%  | 99%  M. sal.  90%  96%  94%  93%  97%  97%  97%  100%   | C. cya<br>1009<br>1009<br>78%<br>76%<br>76%<br>76%<br>71%<br>70%  |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 23%  - QT 0.75 - xsee Min All 90% 85% 74% 70% 76% 63% 0% 10% 11%                                       | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55% 55%   | 43%  C. pro.  100%  85%  74%  73%  76%  77%  68%  69%  69%  68%  | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55%   | 50%  D. dia.  100% 95% 95% 100% 97% 96% 96% 95% 95% 90%   | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11%  | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80%   | 23%  L. meg.  100% 96% 88% 79% 80% 66% 71% 71%   | 99%  M. sal.  90%  96%  94%  93%  97%  97%  97%  100%  100%   | C. cy: 1009 1009 78% 76% 76% 71% 70% 65%  |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | 23%  - QT 0.75 - xse  Min All  90% 85% 74% 70% 76% 63% 0% 10% 11% 11%                                  | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 78% 63% 63% 55% 55%   | 43%  C. pro. 100% 85% 74% 73% 76% 77% 68% 69% 68% 71%  | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55%   | D. dia.  100% 95% 95% 100% 96% 96% 95% 95% 90%  | N. ama.<br>100%<br>99%<br>92%<br>97%<br>88%<br>83%<br>82%<br>77%<br>76%<br>70%<br>69%   | 38%  A. mex.  96% 93% 92% 91% 100% 93%  85% 0% 11% 11% 12%   | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80%   | 23%  L. meg.  100% 96% 88% 79% 87% 80% 66% 71% 71% 71% 70%   | 99%  M. sal.  90%  96%  94%  93%  97%  97%  100%  100%  | C. cyc<br>1005<br>1005<br>78%<br>76%<br>76%<br>71%<br>71%<br>70%<br>65%                                 |
| evils Q 1 5 10 15 20 25 30 35 40 445 50 55 60  | 23%  OT 0.75 - xse  Min All  90%  85%  74%  70%  76%  63%  0%  11%  11%  12%  12%                      | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 63% 63% 55% 55% 55%   | C. pro. 100% 85% 74% 73% 76% 77% 68% 69% 68% 71% 71%   | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55%   | D. dia.  100% 95% 95% 100% 97% 96% 96% 95% 90% 90%  | N. ama.<br>100%<br>99%<br>92%<br>97%<br>88%<br>83%<br>82%<br>77%<br>76%<br>70%<br>69%<br>69%                                      | 38%  A. mex.  96% 93% 92% 91% 100% 93%  85% 0% 11% 11% 12% 12%                                     | N. str. 92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80%   | 23%  L. meg.  100% 96% 88% 79% 80% 66% 66% 71% 71% 70% 58%   | 99%  M. sal.  90%  96%  94%  93%  97%  97%  100%  100%  100%  | C. cyc<br>1005<br>1005<br>78%<br>76%<br>76%<br>76%<br>71%<br>71%<br>70%<br>65%                          |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65   | 23%  OT 0.75 - xse Min All 90% 85% 74% 70% 76% 63% 0% 10% 11% 11% 12% 12%                              | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 63% 63% 55% 55% 57% 57% 56%   | C. pro. 100% 85% 74% 73% 76% 77% 68% 69% 69% 68% 71% 71% 70%   | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55%   | D. dia. 100% 95% 95% 100% 97% 96% 95% 95% 95% 90% 90% 90%   | N. ama.<br>100%<br>99%<br>92%<br>97%<br>88%<br>83%<br>82%<br>77%<br>76%<br>70%<br>69%<br>69%<br>63%                               | 38%  A. mex.  96% 93% 92% 91% 100% 93%  85% 0% 11% 11% 12% 12% 12%                                 | N. str. 92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80%   | 23%  L. meg.  100% 96% 88% 79% 87% 80% 66% 66% 71% 71% 70% 58% 58%                                     | 99%  M. sal.  90%  96%  94%  93%  97%  97%  100%  100%  100%  100%  | C. cyc<br>1005<br>1005<br>78%<br>76%<br>76%<br>71%<br>70%<br>65%<br>65%<br>55%                          |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70  | 23%  OT 0.75 - xse Min All 90% 85% 74% 70% 76% 63% 0% 10% 11% 12% 12% 12%                              | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 78% 63% 63% 55% 55% 57% 56%   | 43%  C. pro. 100% 85% 74% 73% 76% 77% 68% 69% 68% 71% 71% 70%  | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55%                                     | D. dia. 100% 95% 95% 100% 97% 96% 96% 95% 95% 90% 90% 90% 89%   | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 63%  | 38%  A. mex.  96% 93% 92% 91% 100% 93%  85% 0% 11% 11% 12% 12% 12%                                 | N. str. 92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80  | 23%  L. meg.  100% 96% 88% 79% 87% 80% 66% 66% 71% 71% 70% 58% 58%                                     | 99%  M. sal.  90%  96%  94%  93%  97%  97%  100%  100%  100%  100%  99%   | C. cyc<br>1005<br>1005<br>78%<br>76%<br>71%<br>70%<br>65%<br>65%<br>65%<br>55%                          |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>60<br>65<br>70<br>75  | 23%  OT 0.75 - xse Min All  90% 85% 74% 76% 76% 63% 0% 10% 11% 12% 12% 12% 13%                         | 24%  2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 57% 55% 55% 55%                                  | 43%  C. pro.  100% 85% 74% 73% 76% 77% 68% 69% 69% 69% 69% 69% 69%   | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 56% 56%                         | 50%  D. dia.  100% 95% 95% 100% 97% 96% 95% 95% 95% 95% 90% 90% 90% 89% 91%   | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 63% 64%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13%                                  | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg. 100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 58%                                      | 99%  M. sal.  90% 96% 94% 93% 97% 97% 100% 100% 100% 100% 99% 99%   | 89%  C. cy;  1009;  1009;  78%  76%  71%  71%  70%  65%  65%  57%  57%                                  |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80   | 23%  OT 0.75 - xse Min All 90%  85%  74%  76%  76%  63%  0%  10%  11%  12%  12%  12%  13%              | 24%  2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 57% 57% 56% 55% 55%                              | 43%  C. pro. 100% 85% 74% 73% 76% 77% 68% 69% 68% 71% 70% 69% 68%  | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 56% 56% 56%                         | 50%  D. dia.  100% 95% 95% 100% 97% 96% 95% 95% 95% 95% 95% 90% 90% 90% 90% 89% 91% 90%                                     | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13%                              | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg. 100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 58% 51%                                  | 99%  M. sal.  90% 96% 94% 93% 97% 97% 100% 100% 100% 100% 100% 99% 99%  | 89% C. cy; 1003 1003 78% 76% 76% 71% 70% 65% 65% 65% 57% 57%  |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85   | 23%  OT 0.75 - xse Min All 90%  85%  74%  76%  63%  0%  10%  11%  12%  12%  12%  13%  13%              | 24%  2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 55% 55% 55% 55% 5                    | 43%  C. pro. 100% 85% 74% 73% 76% 77%  78% 68% 69% 68% 71% 70% 70% 69% 68% 68%                               | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 55% 55% 55% 5               | 50%  D. dia.  100% 95% 95% 100% 97% 96% 95% 95% 95% 95% 95% 95% 90% 90% 81%   | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64% 63%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13%                              | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg.  100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 58% 51%                                 | 99%  M. sal.  90%  96%  94%  93%  97%  97%  97%  100%  100%  100%  100%  99%  99%  98%                          | 89%  C. cy. 1003 1000 789 769 769 719 719 709 659 659 659 579 579                                       |
| evils Q 1 5 110 115 220 225 330 35 440 45 550 665 770 775 880 885 990  | 23%  - QT 0.75 - xse Min All 90% 85% 74% 70% 76% 63% 0% 10% 11% 12% 12% 12% 13% 13%                    | 24%  2c 6 Pool E. gra.  100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 55% 55% 55% 55% 5                   | 43%  C. pro.  100% 85% 74% 73% 76% 77%  78% 68% 69% 68% 71% 70% 70% 69% 68% 68% 67%                          | 24%  D. arg.  100%  96%  91%  77%  81%  79%  63%  61%  55%  55%  55%  55%  55%  55%  55      | 50%  D. dia.  100% 95% 95% 100% 97% 96% 95% 95% 95% 95% 91% 90% 89% 91% 80%   | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64% 63% 63%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13% 13%                          | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg. 100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 51% 51% 50%                              | 99%  M. sal.  90% 96% 94% 93% 97% 97% 100% 100% 100% 100% 100% 99% 99% 98% 98%                                  | 89%  C. cy. 1003 1000 789 769 769 719 709 659 659 559 579 579 579                                       |
| evils Q 1 5 110 115 20 25 30 35 40 45 50 665 770 75 880 85 990 995   | 23%  OT 0.75 - xse Min All  90% 85% 74% 70% 76% 63% 0% 10% 11% 12% 12% 12% 13% 13% 13%                 | 24%  2c 6 Pool E. gra.  100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 55% 55% 31%                         | 43%  C. pro.  100%  85%  74%  73%  76%  77%  68%  69%  69%  68%  71%  70%  69%  68%  68%  67%                | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 55% 55% 55% 5               | 50%  D. dia.  100% 95% 95% 100% 97% 96% 95% 95% 95% 95% 91% 90% 89% 91% 80%   | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64% 63% 63% 63%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13% 13%                          | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg.  100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 58% 51% 51% 50%                         | 99%  M. sal.  90% 96% 94% 93% 97% 97% 100% 100% 100% 100% 199% 99% 98% 98%                                      | 89%  C. cy; 1005 1009 78% 76% 76% 71% 70% 65% 65% 55% 57% 57% 57% 56%                                   |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100  | 23%  OT 0.75 - xsee Min All 90% 85% 74% 70% 76% 63% 0% 10% 11% 12% 12% 12% 13% 13% 13% 13%             | 24%  2c 6 Pool E. gra.  100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 55% 55% 31% 31%                     | 43%  C. pro.  100%  85%  74%  73%  76%  77%  78%  68%  69%  69%  68%  71%  70%  70%  69%  68%  67%  58%  57% | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 55% 55% 32% 32% 32%         | 50%  D. dia.  100% 95% 95% 100% 97% 96% 95% 95% 95% 95% 95% 90% 90% 80% 80% 79%   | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64% 63% 63% 63% 62%  | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13% 13% 13%                      | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg.  100% 96% 88% 79% 80% 66% 71% 71% 71% 58% 58% 51% 51% 50%                                 | 99%  M. sal.  90% 96% 94% 93% 97% 97% 100% 100% 100% 100% 100% 99% 99% 99% 98% 98% 99%                          | 89%  C. cy; 1009 1009 78% 76% 76% 71% 70% 65% 65% 55% 57% 57% 57% 56%                                   |
| 400 6500 evils Q 1 5 100 15 20 25 30 45 50 65 70 75 880 885 990 995 1100 1125  | 23%  OT 0.75 - xsee Min All  90% 85% 74% 70% 76% 63% 0% 10% 11% 12% 12% 12% 13% 13% 13% 13% 13%        | 24% 2c 6 Pool E. gra. 100% 88% 85% 77% 63% 63% 55% 55% 55% 55% 55% 55% 55% 31% 31% 23%                           | C. pro. 100% 85% 74% 73% 76% 77% 78% 68% 69% 68% 71% 70% 68% 69% 68% 57% 47%                                 | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 55% 32% 32% 32% 27%         | 50%  D. dia.  100% 95% 95% 100% 97% 96% 96% 95% 95% 90% 90% 90% 89% 91% 90% 81% 80% 79% 68%                                 | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64% 63% 63% 64% 62% 52%  | 38%  A. mex.  96% 93% 92% 91% 100% 93%  85% 0% 11% 11% 12% 12% 13% 13% 13% 13% 13%                 | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 81% 87% 88% 88% 86% 84% 81% 79% 10% | 23%  L. meg.  100% 96% 88% 79% 80% 66% 71% 71% 70% 58% 58% 51% 51% 50% 52% 49%                         | 99%  M. sal.  90% 96% 94% 93% 97% 97% 100% 100% 100% 100% 100% 99% 99% 99% 98% 99% 98%                          | C. cy. 1003 1000 789 769 769 769 759 559 559 569 569 569 569 569 569 569 5                              |
| 400   500   evils   Q   1   5   10   15   20   25   30   35   40   45   50   65   70   75   80   88   99   995   100   125   150   | 23%  OT 0.75 - xse Min All  90% 85% 74% 70% 76% 63% 0% 10% 11% 12% 12% 12% 13% 13% 13% 13% 13% 10% 10% | 24% 2c 6 Pool E. gra. 100% 88% 85% 70% 63% 63% 55% 55% 55% 55% 55% 55% 55% 31% 31% 23% 28%                       | C. pro. 100% 85% 74% 73% 76% 77% 78% 68% 69% 69% 68% 71% 70% 68% 67% 58% 57% 47%                             | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 55% 55% 25% 27% 27%         | D. dia.  100% 95% 95% 100% 96% 96% 96% 95% 95% 90% 90% 90% 89% 91% 90% 81% 80% 80% 79% 68% 62%                              | N. ama. 100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64% 63% 63% 63% 62% 52% 51%  | 38%  A. mex.  96% 93% 92% 91% 100% 93%  85% 0% 11% 11% 12% 12% 12% 13% 13% 13% 13% 13% 31% 32%     | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 81% 87% 88% 88% 86% 84% 81% 79% 10% | 23%  L. meg.  100% 96% 88% 79% 80% 66% 66% 71% 71% 70% 58% 58% 51% 51% 50% 52% 49% 47%                 | 99%  M. sal.  90%  96%  94%  93%  97%  97%  97%  100%  100%  100%  100%  99%  99%  98%  99%  98%  99%  98%  97% | C. cy. 1003 1000 789 769 769 769 719 719 709 659 659 579 579 579 579 569 569 569 569                    |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>91<br>100<br>110<br>110<br>110<br>110<br>110   | 23%  OT 0.75 - xse Min All  90% 85% 74% 76% 76% 63% 0% 10% 11% 12% 12% 13% 13% 13% 13% 13% 13% 13% 13% | 24%  2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 54% 31% 31% 23% 28%                  | 43%  C. pro.  100% 85% 74% 73% 76% 77% 68% 69% 68% 71% 70% 70% 69% 68% 68% 67% 58% 57% 47% 54%               | 24%  D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 27% 27% 27%            | 50%  D. dia.  100% 95% 95% 100% 96% 96% 95% 96% 95% 90% 90% 89% 91% 90% 81% 80% 80% 79% 68% 62% 62%                         | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64% 63% 63% 64% 63% 63% 64% 63% 63% 63% 63% 63% 64% 63% 63%    | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13% 13% 13% 34%                  | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg.  100% 96% 88% 79% 87% 80% 66% 66% 71% 71% 70% 58% 58% 51% 51% 50% 52% 49% 47% 27%         | 99%  M. sal.  90% 96% 94% 93% 97% 97% 100% 100% 100% 100% 99% 99% 98% 98% 98% 97% 97%                           | 89%  C. cy. 100% 100% 100% 789 769 789 769 719 709 659 659 559 579 579 579 569 439 369 409              |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>1100<br>125<br>1100<br>125<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300<br>1300 | 23%  OT 0.75 - xse Min All 90%  85%  74%  76%  63%  0%  10%  11%  12%  12%  13%  13%  13%  13%  13     | 24%  2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 54% 53% 52% 31% 31% 23% 28% 28% 27%  | 43%  C. pro. 100% 85% 74% 73% 76% 77% 68% 69% 68% 71% 70% 69% 68% 68% 68% 68% 58% 57% 47% 54% 54%            | 24%  D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 54% 32% 27% 27% 28%        | 50%  D. dia.  100% 95% 95% 100% 97% 96% 95% 95% 95% 95% 90% 90% 89% 90% 89% 91% 80% 79% 68% 62% 62% 60%                     | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 64% 64% 63% 63% 63% 64% 64% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63 | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13% 13% 13% 31% 33% 34% 35%      | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg. 100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 51% 51% 50% 49% 47% 27% 21%              | 99%  M. sal.  90% 96% 94% 93% 97% 97% 100% 100% 100% 100% 99% 99% 99% 98% 98% 99% 99% 98% 99% 97% 97%           | 89%  C. cy. 100% 100% 789 769 789 769 719 719 709 655 655 657 577 577 579 569 409 409                   |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>115<br>100<br>115<br>100<br>115<br>100<br>100   | 23%  OT 0.75 - xse Min All 90%  85%  74%  76%  63%  0%  10%  11%  12%  12%  13%  13%  13%  13%  13     | 24%  2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 31% 31% 28% 28% 28% 27% 19%          | 43%  C. pro. 100% 85% 74% 73% 76% 77%  78% 68% 69% 68% 71% 70% 69% 68% 68% 67% 58% 57% 47% 54% 53%           | 24%  D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 27% 27% 27% 28% 19%    | 50%  D. dia.  100% 95% 95% 100% 96% 96% 95% 95% 95% 90% 90% 89% 90% 89% 90% 89% 91% 80% 79% 68% 62% 60% 59%                 | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 63% 64% 64% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63                 | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13% 13% 13% 13% 34% 35% 32%      | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg.  100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 51% 51% 50% 52% 49% 47% 22% 21% 25%     | 99%  M. sal.  90%  96%  94%  93%  97%  97%  97%  100%  100%  100%  100%  99%  99%  99%                          | 89%  C. cy;  1003  1009  78%  76%  76%  71%  71%  70%  65%  65%  57%  57%  57%  56%  40%  40%  40%  25% |
| 400   500   100  | 23%  OT 0.75 - xse Min All  90%  85%  74%  76%  63%  0%  10%  11%  12%  12%  13%  13%  13%  13%  13    | 24%  2c 6 Pool E. gra.  100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 55% 31% 31% 23% 28% 28% 28% 21% 11% | 43%  C. pro.  100% 85% 74% 73% 76% 77% 78% 68% 69% 68% 71% 70% 70% 69% 68% 67% 58% 57% 47% 54% 54% 53% 52%   | D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 27% 27% 27% 27% 28% 19% 11% | 50%  D. dia.  100% 95% 95% 100% 97% 96% 95% 95% 95% 95% 90% 90% 90% 89% 90% 89% 91% 90% 81% 80% 80% 79% 62% 62% 60% 59% 47% | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 63% 63% 63% 63% 63% 63% 63% 63% 52% 51% 39% 35% 35%                | 38%  A. mex.  96% 93% 92% 91% 100% 93%  85% 0% 11% 11% 12% 12% 13% 13% 13% 13% 13% 34% 35% 32% 21% | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg.  100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 51% 51% 50% 52% 49% 47% 27% 21% 25% 25% | 99%  M. sal.  90%  96%  94%  93%  97%  97%  97%  100%  100%  100%  100%  99%  99%  98%  98%  99%  98%  97%  97  | 89%  C. cy; 1007 1009 78% 76% 76% 71% 70% 65% 65% 55% 57% 57% 56% 43% 36% 40% 40% 25%                   |
| 400<br>500<br>evils<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90   | 23%  OT 0.75 - xse Min All 90%  85%  74%  76%  63%  0%  10%  11%  12%  12%  13%  13%  13%  13%  13     | 24%  2c 6 Pool E. gra. 100% 88% 85% 70% 78% 77% 63% 63% 55% 55% 55% 55% 55% 31% 31% 28% 28% 28% 27% 19%          | 43%  C. pro. 100% 85% 74% 73% 76% 77%  78% 68% 69% 68% 71% 70% 69% 68% 68% 67% 58% 57% 47% 54% 53%           | 24%  D. arg. 100% 96% 91% 77% 81% 79% 63% 61% 55% 55% 55% 55% 55% 55% 27% 27% 27% 28% 19%    | 50%  D. dia.  100% 95% 95% 100% 96% 96% 95% 95% 95% 90% 90% 89% 90% 89% 90% 89% 91% 80% 79% 68% 62% 60% 59%                 | 32%  N. ama.  100% 99% 92% 97% 88% 83% 82% 77% 76% 70% 69% 63% 63% 64% 64% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63                 | 38%  A. mex.  96% 93% 92% 91% 100% 93% 85% 0% 11% 11% 12% 12% 13% 13% 13% 13% 13% 34% 35% 32%      | 38%  N. str.  92% 100% 97% 92% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                                  | 23%  L. meg. 100% 96% 88% 79% 87% 80% 66% 71% 71% 70% 58% 58% 51% 51% 50% 52% 49% 47% 22% 21% 25%      | 99%  M. sal.  90%  96%  94%  93%  97%  97%  97%  100%  100%  100%  100%  99%  99%  99%                          | C. cya<br>1009<br>1009<br>78%<br>76%<br>78%   |

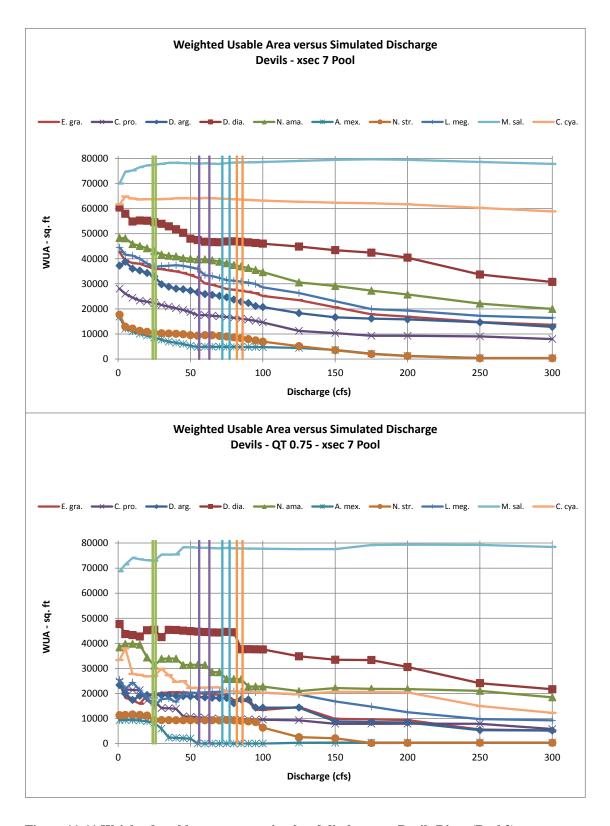


Figure 11-11 Weighted usable area versus simulated discharge at Devils River (Pool 3).

Table 11-11 Percent of maximum WUA versus simulated discharge at Devils River (Pool 3).

| Q   | Min All  | E. gra.  | C. pro.  | D. arg.   | D. dia.   | N. ama.  | A. mex.  | N. str.   | L. meg.  | M. sal.   | C. cya  |
|---|--|--|--|---|---|--|--|---|--|---|---|
| 1   | 88%  | 100%   | 100%   | 96%   | 100%  | 100%   | 100%   | 100%  | 100%   | 88%   | 95%   |
| 5   | 71%  | 92%  | 93%  | 100%  | 96%   | 100%   | 71%  | 73%   | 93%  | 94%   | 100%  |
| 10  | 65%  | 90%  | 87%  | 93%   | 91%   | 95%  | 65%  | 69%   | 93%  | 94%   | 99%   |
| 15  | 59%  | 89%  | 83%  | 91%   | 91%   | 93%  | 59%  | 63%   | 90%  | 96%   | 98%   |
| 20  | 55%  | 87%  | 81%  | 88%   | 91%   | 91%  | 55%  | 61%   | 86%  | 97%   | 98%   |
| 25  | 51%  | 84%  | 80%  | 85%   | 90%   | 89%  | 51%  | 59%   | 83%  | 97%   | 98%   |
| 30  | 45%  | 84%  | 77%  | 77%   | 89%   | 86%  | 45%  | 58%   | 83%  | 98%   | 98%   |
| 35  | 41%  | 83%  | 75%  | 74%   | 88%   | 85%  | 41%  | 57%   | 84%  | 98%   | 99%   |
| 10  | 38%  | 82%  | 72%  | 72%   | 86%   | 85%  | 38%  | 57%   | 84%  | 98%   | 99%   |
| 15  | 35%  | 80%  | 70%  | 72%   | 83%   | 83%  | 35%  | 56%   | 83%  | 98%   | 99%   |
| 50  | 31%  | 79%  | 67%  | 70%   | 79%   | 83%  | 31%  | 54%   | 82%  | 98%   | 99%   |
| 55  | 28%  | 76%  | 62%  | 69%   | 79%   | 82%  | 28%  | 52%   | 81%  | 98%   | 99%   |
| 50  | 29%  | 71%  | 63%  | 67%   | 77%   | 82%  | 29%  | 54%   | 75%  | 98%   | 99%   |
| 55  | 29%  | 69%  | 62%  | 66%   | 77%   | 82%  | 29%  | 53%   | 74%  | 98%   | 99%   |
| 70  | 29%  | 68%  | 61%  | 65%   | 77%   | 80%  | 29%  | 52%   | 73%  | 98%   | 99%   |
| '5  | 29%  | 66%  | 60%  | 64%   | 78%   | 79%  | 29%  | 51%   | 71%  | 98%   | 99%   |
| 30  | 29%  | 65%  | 59%  | 61%   | 78%   | 78%  | 29%  | 49%   | 70%  | 98%   | 98%   |
| 85  | 28%  | 64%  | 57%  | 59%   | 77%   | 76%  | 28%  | 47%   | 69%  | 98%   | 98%   |
| 90  | 28%  | 63%  | 56%  | 58%   | 77%   | 75%  | 28%  | 47%   | 68%  | 98%   | 98%   |
| 95  | 28%  | 62%  | 54%  | 54%   | 77%   | 73%  | 28%  | 43%   | 67%  | 99%   | 98%   |
|   |  |  |  |   |   |  |  |   |  |   |   |
| 00  | 28%  | 59%  | 52%  | 53%   | 76%   | 72%<br>62%   | 28%  | 39%   | 64%  | 99%   | 97%   |
| 25<br>50  | 26%<br>20%   | 55%  | 40%<br>37%   | 47%<br>43%  | 74%<br>72%  | 63%<br>60%   | 26%<br>22%   | 29%<br>20%  | 59%<br>52%   | 99%<br>100%   | 97%<br>96%  |
|   |  | 48%  |  |   |   |  |  |   |  |   |   |
| 75  | 11%  | 42%  | 33%  | 42%   | 70%   | 56%  | 13%  | 11%   | 45%  | 100%  | 96%   |
| 00  | 7%   | 40%  | 33%  | 41%   | 67%   | 53%  | 8%   | 7%<br>2%  | 43%  | 100%  | 95%   |
| 50  | 2%   | 35%  | 32%  | 38%   | 56%   | 46%  | 2%   | 2%  | 39%  | 99%   | 93%   |
| 00  | 2%   | 32%  | 28%  | 33%   | 51%   | 41%  | 2%   | 2%  | 37%  | 98%   | 91%   |
| 50  | 21%  | 38%  | 35%  | 38%   | 46%   | 42%  | 30%  | 21%   | 41%  | 97%   | 95%   |
| 00  | 27%  |  |  |   |   |  |  |   |  |   |   |
| vils -  | 33%<br>- QT 0.75 - xse   |  | 38%<br>44%   | 38%<br>34%  | 42%<br>42%  | 41%<br>41%   | 38%<br>45%   | 27%<br>35%  | 40%<br>33%   | 97%<br>101%   | 97%   |
| vils -<br>Q   | 33%<br>· QT 0.75 - xse<br>Min All  | 36%<br>ec 7 Pool<br>E. gra.  | 44%<br>C. pro.   | 34%<br>D. arg.  | 42%<br>D. dia.  | 41%<br>N. ama.   | 45%<br>A. mex.   | 35%<br>N. str.  | 33%<br>L. meg.   | 101%<br>M. sal.   | 97%<br>C. cy  |
| vils -<br>Q<br>1  | 33%<br>• QT 0.75 - xse<br>Min All<br>87%   | 36%<br>ec 7 Pool<br>E. gra.<br>100%  | C. pro.  | D. arg.   | D. dia.   | N. ama.<br>96%   | 45%<br>A. mex.<br>99%  | 35%<br>N. str.<br>97%   | 33%<br>L. meg.<br>100%   | M. sal.   | 97%<br>C. cya   |
| vils -<br>Q<br>1<br>5   | 33% • QT 0.75 - xse Min All 87% 75%  | 36% ec 7 Pool E. gra. 100% 75%   | C. pro. 100% 88%   | 34%  D. arg.  100%  85%   | D. dia. 100% 92%  | 41%<br>N. ama.<br>96%<br>100%  | 45%  A. mex.  99% 100%   | 35%<br>N. str.<br>97%<br>98%  | 33% L. meg. 100% 86%   | M. sal.  87% 90%  | 97%<br>C. cya<br>88%<br>1009  |
| vils -<br>Q<br>1<br>5   | 33% QT 0.75 - xse Min All 87% 75% 71%  | 36%<br>ec 7 Pool<br>E. gra.<br>100%<br>75%<br>71%  | C. pro. 100% 88% 87%   | D. arg.<br>100%<br>85%<br>75%   | D. dia.<br>100%<br>92%<br>91%   | N. ama.<br>96%<br>100%<br>100%   | 45%  A. mex.  99% 100% 100%  | N. str.<br>97%<br>98%<br>100%   | 33% L. meg. 100% 86% 96%   | M. sal.  87% 90% 94%  | 97%<br>C. cys<br>88%<br>1009<br>73%   |
| vils -<br>Q<br>1<br>5<br>10   | 33% QT 0.75 - xse Min All 87% 75% 71% 66%  | 36%<br>ec 7 Pool<br>E. gra.<br>100%<br>75%<br>71%<br>66%   | C. pro. 100% 88% 87% 86%   | D. arg. 100% 85% 75% 82%  | D. dia. 100% 92% 91% 90%  | N. ama.  96% 100% 100% 99%   | 45%  A. mex.  99% 100% 100% 98%  | N. str.<br>97%<br>98%<br>100%<br>98%  | 33%  L. meg.  100%  86%  96%  83%  | M. sal.  87%  90%  94%  93%   | 27. cys<br>88%<br>1009<br>73%<br>72%  |
| vils -<br>Q<br>1<br>5<br>10   | 33% -QT0.75 - xse Min All  | 36% ec 7 Pool E. gra. 100% 75% 71% 66% 80%   | C. pro. 100% 88% 87% 86% 70%   | D. arg. 100% 85% 75% 82% 83%  | D. dia. 100% 92% 91% 90% 95%  | N. ama.<br>96%<br>100%<br>100%<br>99%<br>86%   | 45%  A. mex.  99% 100% 100% 98% 94%  | N. str.<br>97%<br>98%<br>100%<br>98%<br>96%   | 33% L. meg. 100% 86% 96% 83% 71%   | M. sal.  87% 90% 94% 93% 92%  | 97%  C. cya  88%  1009  73%  72%  70%   |
| vils -<br>Q<br>1<br>5<br>10<br>15   | 33%  QT 0.75 - xse  Min All  87%  75%  71%  66%  70%  59%  | 36%<br>ec 7 Pool<br>E. gra.<br>100%<br>75%<br>71%<br>66%<br>80%<br>82%   | C. pro.  100% 88% 87% 86% 70% 69%  | D. arg. 100% 85% 75% 82% 83% 83%  | D. dia.  100% 92% 91% 90% 95%   | N. ama.  96% 100% 100% 99% 86% 78%   | A. mex.  99% 100% 100% 98% 94%   | N. str.<br>97%<br>98%<br>100%<br>98%<br>96%   | L. meg.<br>100%<br>86%<br>96%<br>83%<br>71%<br>59%   | M. sal.  87%  90%  94%  93%  92%  | 97%  C. cy: 88% 1009 73% 72% 70%  |
| vils -<br>Q<br>1<br>5<br>10<br>15<br>20   | 33%  QT 0.75 - xse  Min All  87%  75%  71%  66%  70%  59%  57%   | 36% ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83%   | C. pro.<br>100%<br>88%<br>87%<br>86%<br>70%<br>69%   | 34%  D. arg. 10% 85% 75% 82% 83% 83% 83%  | D. dia.<br>100%<br>92%<br>91%<br>90%<br>95%<br>95%  | N. ama. 96% 100% 100% 99% 86% 78%  | 45%  A. mex. 99% 100% 100% 98% 94% 88% 63%   | 35%  N. str.  97% 98% 100% 98% 96% 80%  | 33% L. meg. 100% 86% 96% 83% 71% 59% 69%   | M. sal.  87% 90% 94% 93% 92% 95%  | 97%  C. cya  88%  1009  73%  72%  70%  71%  |
| vils -<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   | 33%  QT 0.75 - xse Min All  87%  75%  71%  66%  70%  59%  57%  26%   | 36% ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85%   | 2. pro. 100% 88% 87% 86% 70% 69% 57% 57%   | 34%  D. arg. 100% 85% 75% 82% 83% 83% 83% 82%   | D. dia. 100% 92% 91% 90% 95% 89% 95%  | N. ama. 96% 100% 100% 99% 86% 78% 85%  | 45%  A. mex. 99% 100% 100% 98% 94% 88% 63% 26%   | 35%  N. str.  97% 98% 100% 98% 96% 80% 80%  | 33% L. meg. 100% 86% 96% 83% 71% 59% 69% 70%   | 101%  M. sal.  87% 90% 94% 93% 92% 92% 95%  | 97%  C. cya  88% 1009 73% 72% 70% 71% 79% 72%   |
| vils -<br>Q<br>1<br>1<br>5<br>0<br>.5<br>0<br>.5<br>0<br>.5   | 33% -QT 0.75 - xse Min All - 87% -75% -71% -66% -70% -59% -57% -26% -24%   | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85%   | 44%  C. pro.  100%  88%  87%  86%  70%  69%  57%  56%  | 34%  D. arg. 100% 85% 75% 82% 83% 83% 83% 82% 82%   | D. dia. 100% 92% 91% 90% 95% 95% 89% 95%  | N. ama. 96% 100% 100% 99% 86% 78% 85% 85%  | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24%  | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80%  | 33%  L. meg.  100%  86%  96%  83%  71%  59%  69%  70%  65%   | M. sal.  87% 90% 94% 93% 92% 95% 95%  | 97%  C. cy: 88% 100: 73% 72% 70% 719 72% 65%  |
| vils - Q  11 5 10 15 16 16 16 16 16 16 16 16 16 16 16 16 16 | 33%  QT 0.75 - xse Min All  87%  75%  71%  66%  70%  59%  57%  26%  24%  23%   | 36% ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85%   | 44%  C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44%  | 34%  D. arg.  100%  85%  75%  82%  83%  83%  82%  82%  81%  | D. dia.  100% 92% 91% 90% 95% 95% 95% 95% 94%   | N. ama. 96% 100% 100% 99% 86% 78% 85% 85% 79%  | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23%                                      | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80%  | 33%  L. meg. 100% 86% 96% 83% 71% 59% 69% 70% 65% 77%  | M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95%  | 27%<br>C. cya<br>88%<br>1009<br>73%<br>72%<br>70%<br>71%<br>72%<br>65%  |
| vils - Q<br>Q<br>11<br>5<br>0<br>5<br>0<br>25<br>6<br>0<br>25<br>6<br>0   | 33%  QT 0.75 - xse Min All  87%  75%  71%  66%  70%  59%  57%  26%  24%  23%  21%                                    | 36% ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84%   | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43%   | 34%  D. arg.  100% 85% 75% 82% 83% 83% 83% 843% 843% 842% 842% 841% 811%                              | D. dia.  100% 92% 91% 90% 95% 95% 95% 95% 94% 94%   | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79%   | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21%                                  | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80%  | 33%  L. meg.  100%  86%  96%  83%  71%  59%  69%  70%  65%  77%  79%   | M. sal.  87% 90% 94% 93% 92% 92% 95% 95% 95% 99%  | 27%<br>C. cya<br>88%<br>1009<br>73%<br>72%<br>70%<br>71%<br>79%<br>65%<br>65%   |
| vils - Q  11 55 10 15 15 10 15 10 15 15 15 15 15 15 15 15 15 15 15 15 15  | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0%   | 36% ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84%   | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43%   | 34%  D. arg. 100% 85% 75% 82% 83% 83% 83% 83% 84% 81% 81% 80%   | D. dia. 100% 92% 91% 90% 95% 95% 95% 95% 94% 94%  | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79%   | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0%                               | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80%  | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 77% 79% 79%   | M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 99% 99%  | 97%  C. cyc 88% 1009 73% 72% 70% 71% 79% 65% 65% 58%  |
| vils - 2<br>2<br>1<br>1<br>5<br>0<br>0<br>5<br>6<br>0<br>8<br>5<br>6<br>0<br>8<br>5<br>6<br>0<br>8<br>5<br>6<br>6<br>6<br>7<br>8<br>8<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8  | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0%  | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 85% 85% 85% 85% 85% 84%   | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 43% 42%   | D. arg. 100% 85% 75% 82% 83% 83% 83% 83% 84% 81% 81% 80% 79%  | D. dia. 100% 92% 91% 90% 95% 95% 95% 94% 94% 94% 93%                                      | N. ama. 96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 79%  | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0%                            | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80%  | L. meg.<br>100%<br>86%<br>96%<br>83%<br>71%<br>59%<br>69%<br>70%<br>65%<br>77%<br>79%<br>80%                       | M. sal.  87% 90% 94% 93% 92% 95% 95% 99% 99%  | 97%  C. cyc 88% 1009 73% 72% 70% 719 65% 65% 58% 59%  |
| vils - 2<br>2<br>11<br>5<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16  | 33%  QT 0.75 - xse Min All  87%  75%  71%  66%  70%  59%  57%  26%  24%  23%  21%  0%  0%  0%                        | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84% 83% 82% 82%                                     | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 43% 42% 41%   | D. arg. 100% 85% 75% 82% 83% 83% 83% 84% 82% 81% 81% 80% 79% 78%                                      | D. dia. 100% 92% 91% 90% 95% 95% 95% 94% 94% 94% 93% 93%                                  | N. ama. 96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 79% 79%  | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0%                            | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80%                                    | 33%  L. meg.  100%  86%  96%  83%  71%  59%  69%  70%  65%  77%  79%  80%  81%                                     | M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 99% 99% 99%  | 97%  C. cya  88%  1009  73%  72%  71%  79%  72%  65%  58%  59%  59%   |
| vils  | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0%                                     | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 84% 83% 82% 84% 83%                                     | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 43% 42% 41% 40%   | D. arg. 100% 85% 75% 82% 83% 83% 83% 84% 82% 82% 81% 81% 80% 79% 78%                                  | D. dia. 100% 92% 91% 90% 95% 95% 95% 95% 94% 94% 94% 93% 93%                              | N. ama. 96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 79% 72%  | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0%                            | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 79%                                | 33%  L. meg.  100%  86%  96%  83%  71%  59%  69%  70%  65%  77%  79%  80%  81%                                     | M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 99% 99% 99% 99%                                      | 97%  C. cys 88% 1009 73% 72% 70% 71% 79% 65% 65% 58% 59% 59%  |
| vils  | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0%                                  | 36% E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 85% 84% 83% 82% 84% 83% 84%                                   | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40%   | 34%  D. arg. 100% 85% 75% 82% 83% 83% 83% 842% 81% 80% 79% 78% 78%                                    | D. dia. 100% 92% 91% 90% 95% 95% 95% 94% 94% 94% 93% 93% 93%                              | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 79% 72% 65%   | 45%  A. mex. 99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0%                          | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82%   | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 99% 99% 99% 99% 98%                        | 97%  C. cy:  88% 1009 73% 72% 70% 71% 79% 65% 65% 59% 59% 59% 59%   |
| vils - Q  11  55  10  15  10  15  10  15  16  17  17  17  17  17  17  17  17  17  | 33%  QT 0.75 - xse Min All  87%  75%  71%  66%  70%  59%  57%  26%  24%  23%  21%  0%  0%  0%  0%                    | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84% 83% 82% 81% 81% 71%                             | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40% 40%                                     | 34%  D. arg. 100% 85% 75% 82% 83% 83% 83% 82% 81% 80% 79% 78% 78% 69%                                 | D. dia. 100% 92% 91% 90% 95% 95% 89% 95% 94% 94% 93% 93% 93% 93%                          | N. ama.  96% 100% 100% 100% 86% 78% 85% 85% 79% 79% 72% 65% 65%  | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0%                      | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg. 100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 82%                                      | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 99% 99% 99% 99% 98%                        | 97%  C. cy:  88% 100:  73% 72% 70% 71% 79% 65% 65% 59% 59% 59% 55%  |
| vils - Q<br>Q<br>11<br>5<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16  | 33%  QT 0.75 - xse Min All  87%  75%  71%  66%  70%  59%  57%  26%  24%  23%  21%  0%  0%  0%  0%  0%                | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84% 83% 82% 81% 81% 71%                             | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 43% 42% 41% 40% 40% 39%                                 | 34%  D. arg. 100% 85% 75% 82% 83% 83% 82% 81% 81% 80% 79% 78% 78% 69%                                 | D. dia.  100% 92% 91% 90% 95% 95% 89% 95% 94% 94% 94% 94% 93% 93% 93% 93%                 | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 72% 65% 65% 64%   | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0%                      | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 82%                                     | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 95% 99% 99% 99% 99% 99                     | 97%  C. cya  88% 1009 73% 72% 70% 71% 79% 55% 65% 58% 59% 59% 55% 55%   |
| vils  | 33%  QT 0.75 - xse Min All  87%  75%  71%  66%  70%  59%  57%  26%  24%  23%  21%  0%  0%  0%  0%                    | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84% 83% 82% 81% 81% 71%                             | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40% 40%                                     | 34%  D. arg. 100% 85% 75% 82% 83% 83% 83% 82% 81% 80% 79% 78% 78% 69%                                 | D. dia. 100% 92% 91% 90% 95% 95% 89% 95% 94% 94% 93% 93% 93% 93%                          | N. ama.  96% 100% 100% 100% 86% 78% 85% 85% 79% 79% 72% 65% 65%  | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0%                      | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg. 100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 82%                                      | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 99% 99% 99% 99% 98%                        | 97%  C. cya  88% 1009 73% 72% 70% 71% 79% 55% 65% 58% 59% 59% 55% 55%   |
| vils  | 33%  QT 0.75 - xse Min All  87%  75%  71%  66%  70%  59%  57%  26%  24%  23%  21%  0%  0%  0%  0%  0%                | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84% 83% 82% 81% 81% 71%                             | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 43% 42% 41% 40% 40% 39%                                 | 34%  D. arg. 100% 85% 75% 82% 83% 83% 82% 81% 81% 80% 79% 78% 78% 69%                                 | D. dia.  100% 92% 91% 90% 95% 95% 89% 95% 94% 94% 94% 94% 93% 93% 93% 93%                 | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 72% 65% 65% 64%   | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0%                      | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 82%                                     | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 95% 99% 99% 99% 99% 99                     | 97%  C. cya  88% 1009 73% 72% 70% 71% 79% 75% 65% 55% 55% 55%   |
| vils  | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0% 0%                               | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 84% 83% 82% 81% 81% 71% 70%                             | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 43% 42% 41% 40% 40% 39% 39%                             | 34%  D. arg.  100% 85% 75% 82% 83% 83% 82% 81% 81% 80% 79% 78% 69% 75%                                | D. dia.  100% 92% 91% 90% 95% 95% 95% 95% 94% 94% 94% 94% 93% 93% 93% 79% 79%             | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 85% 79% 79% 72% 65% 65% 64% 57%                                 | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0% 0%                   | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 81% 81% 81% 82% 81% 81%                                 | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 95% 99% 99% 99% 99% 98% 98% 98%            | 97%  C. cy:  88%  1009  73%  72%  71%  79%  75%  65%  58%  59%  59%  55%  55%  54%  |
| vils - Q  1   | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0%                            | 36% EC 7 Pool E. gra. 100% 75% 71% 666% 80% 82% 83% 85% 85% 84% 83% 82% 81% 81% 71% 70% 566%                       | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 43% 40% 40% 39% 39% 39%                                 | 34%  D. arg.  100% 85% 75% 82% 83% 83% 82% 81% 81% 80% 79% 78% 69% 75% 61%                            | D. dia.  100% 92% 91% 90% 95% 95% 89% 95% 94% 94% 94% 93% 93% 79% 79%                     | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 72% 65% 65% 64% 57%                                     | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 24% 23% 21% 0% 0% 0% 0% 0%                       | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 79% 81% 80% 76% 74%            | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 82% 81% 81% 80%                         | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 95% 99% 99% 99% 99% 98% 98% 98% 98%        | 97%  C. cy:  88%  1009  73%  72%  79%  71%  799  72%  65%  58%  59%  59%  55%  54%  54%   |
| vils - Q  15  - 0  - 0                                      | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0%                                 | 36% Ec 7 Pool E. gra. 100% 75% 71% 666% 80% 82% 83% 85% 85% 84% 83% 82% 81% 81% 71% 70% 566%                       | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40% 39% 39% 39%                             | 34%  D. arg.  100% 85% 75% 82% 83% 83% 83% 84% 81% 81% 80% 78% 78% 69% 75% 61% 61%                    | D. dia.  100% 92% 91% 90% 95% 95% 95% 94% 94% 94% 93% 93% 93% 79% 79% 79%                 | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 72% 65% 65% 64% 57% 57%                                 | 45%  A. mex.  99% 100% 100% 98% 944% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0%               | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 76% 74% 55%                    | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 81% 81% 80% 80%                         | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 99% 99% 99% 99% 98% 98% 98% 98% 98%        | 97%  C. cyc 88% 1009 73% 72% 70% 71% 79% 55% 55% 55% 55% 54% 54% 54% 52%  |
| vils Q 1 1 5 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10  | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%             | 36% Ec 7 Pool E. gra. 100% 75% 71% 666% 80% 82% 83% 85% 85% 84% 83% 82% 81% 81% 71% 70% 56% 60%                    | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40% 39% 39% 39% 39% 38%                     | 34%  D. arg.  100% 85% 75% 82% 83% 83% 83% 843% 843% 845% 845% 847% 869% 75% 61% 61% 61%              | D. dia.  100% 92% 91% 90% 95% 95% 95% 94% 94% 94% 93% 93% 93% 93% 79% 79% 79% 73%         | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 72% 65% 65% 64% 57% 57% 53%                             | 45%  A. mex.  99% 100% 100% 98% 944% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 0% 0% 4%   | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 79% 81% 80% 79% 81% 80% 75% 22%    | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 80% 81% 81% 82% 81% 81% 80% 80% 77%                         | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 99% 99% 99% 99% 98% 98% 98% 98% 98%            | 2. cys<br>88%<br>1005<br>73%<br>72%<br>70%<br>71%<br>79%<br>65%<br>65%<br>65%<br>59%<br>59%<br>59%<br>55%<br>55%<br>55%<br>54%<br>54%<br>54%<br>54% |
| vils - Q<br>Q<br>11<br>5<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>10<br>15<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10  | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 0% 0% 4% 4%             | 36%  2c 7 Pool E. gra.  100% 75% 71% 66% 80% 82% 83% 85% 85% 84% 83% 82% 81% 81% 71% 70% 56% 60% 41%               | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40% 39% 39% 39% 39% 38% 32%                 | D. arg. 100% 85% 75% 82% 83% 83% 83% 83% 84% 81% 80% 79% 78% 69% 75% 61% 61% 61% 38%                  | D. dia.  100% 92% 91% 90% 95% 95% 89% 95% 94% 94% 94% 93% 93% 93% 79% 79% 79% 70%         | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 72% 65% 65% 64% 57% 57% 53% 56%                         | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 4% 4%       | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 79% 81% 80% 74% 55% 22% 18%    | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 81% 81% 80% 77% 66%                     | M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 99% 99% 99% 98% 98% 98% 98% 98% 98% 98               | 97%  C. cy:  88% 100: 73% 72% 70% 71% 79% 65% 65% 55% 55% 55% 54% 54% 54% 54%   |
| vils - 2<br>2<br>1<br>1<br>5<br>6<br>6<br>6<br>7<br>5<br>6<br>6<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%       | 36% E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84% 83% 82% 81% 81% 71% 70% 56% 56% 60% 41% 40%               | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40% 40% 39% 39% 39% 39% 39% 39% 39% 32%     | 34%  D. arg. 100% 85% 75% 82% 83% 83% 83% 82% 81% 80% 79% 78% 69% 75% 61% 61% 38% 37%                 | D. dia.  100% 92% 91% 90% 95% 95% 95% 95% 94% 94% 94% 93% 93% 93% 79% 79% 79% 70% 70%     | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 79% 79% 72% 65% 65% 64% 57% 57% 53% 56% 55%                     | 45%  A. mex. 99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 4% 4% 4%     | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 79% 81% 80% 76% 74% 55% 22% 18% 2% | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 82% 82% 81% 80% 80% 77% 66% 58%                 | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 99% 99% 98% 98% 98% 98% 98% 98% 98% 98     | 97%  C. cy:  88% 1009 73% 72% 70% 71% 79% 65% 65% 55% 55% 55% 54% 54% 54% 54% 54%   |
| vils - 2<br>2<br>1<br>1<br>5<br>6<br>6<br>6<br>7<br>5<br>6<br>6<br>6<br>7<br>5<br>6<br>7<br>5<br>7<br>5<br>7<br>5<br>7<br>7<br>7<br>7   | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 4% 4% 2% 3% | 36% E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84% 83% 82% 81% 71% 70% 56% 60% 41% 40% 39%                   | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40% 40% 39% 39% 39% 39% 39% 38% 32% 32% 32% | 34%  D. arg. 100% 85% 75% 82% 83% 83% 83% 82% 81% 81% 80% 79% 78% 69% 75% 61% 61% 38% 37% 36%         | D. dia.  100% 92% 91% 90% 95% 95% 89% 95% 94% 94% 93% 93% 79% 79% 79% 79% 70% 64%         | N. ama.  96% 100% 100% 100% 99% 86% 78% 85% 85% 79% 79% 79% 72% 65% 65% 64% 57% 57% 53% 56% 55%            | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 4% 4% 4% 5% | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg. 100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 81% 81% 80% 80% 77% 66% 58% 49%          | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 99% 99% 99% 98% 98% 98% 98% 98% 98% 98     | 97%  C. cya  88% 1009 73% 72% 70% 71% 79% 65% 65% 55% 55% 55% 54% 54% 54% 54% 54% 54%   |
| vils - 20<br>11<br>5<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10  | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%       | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 84% 83% 82% 81% 71% 70% 56% 60% 41% 40% 39% 23%         | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 42% 41% 40% 40% 39% 39% 39% 39% 39% 39% 32% 32% 32%     | 34%  D. arg. 100% 85% 75% 82% 83% 83% 82% 81% 81% 80% 79% 78% 66% 61% 61% 38% 37% 36% 23%             | D. dia.  100% 92% 91% 90% 95% 95% 89% 95% 94% 94% 94% 93% 93% 79% 79% 79% 79% 70% 64% 51% | N. ama.  96% 100% 100% 100% 99% 86% 78% 85% 85% 79% 79% 72% 65% 65% 64% 57% 57% 57% 53% 56% 55%            | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 4% 4% 4% 5% 4% | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg. 100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 82% 81% 81% 80% 80% 80% 80% 38%          | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 99% 99% 99% 98% 98% 98% 98% 98% 98% 98     | 97%  C. cy:  88%  1009  73%  72%  71%  79%  71%  79%  55%  55%  54%  54%  54%  54%  54%  5  |
| 00<br>evils - Q<br>1 1 5 5 110 115 220 225 330 335 440 45 550 665 770 775 880 25 50 775 775 775 775 775 775 775 775 775   | 33%  QT 0.75 - xse Min All  87% 75% 71% 66% 70% 59% 57% 26% 24% 23% 21% 0% 0% 0% 0% 0% 0% 0% 0% 4% 4% 2% 3% 3% 3%    | 36% Ec 7 Pool E. gra. 100% 75% 71% 66% 80% 82% 83% 85% 85% 85% 84% 83% 82% 81% 71% 70% 56% 60% 41% 40% 39% 23% 22% | C. pro. 100% 88% 87% 86% 70% 69% 57% 56% 44% 43% 43% 42% 41% 40% 40% 39% 39% 39% 39% 39% 32% 32% 32% 32% | 34%  D. arg. 100% 85% 75% 82% 83% 83% 82% 81% 81% 80% 79% 78% 69% 75% 61% 61% 61% 38% 37% 36% 23% 22% | D. dia.  100% 92% 91% 90% 95% 95% 95% 95% 94% 94% 94% 94% 93% 93% 79% 79% 79% 70% 64% 51% | N. ama.  96% 100% 100% 99% 86% 78% 85% 85% 85% 79% 79% 72% 65% 65% 64% 57% 57% 57% 57% 53% 56% 55% 53% 46% | 45%  A. mex.  99% 100% 100% 98% 94% 88% 63% 26% 24% 23% 21% 0% 0% 0% 0% 0% 4% 4% 4% 4% 4% 4% | 35%  N. str.  97% 98% 100% 98% 96% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80                             | 33%  L. meg.  100% 86% 96% 83% 71% 59% 69% 70% 65% 77% 79% 80% 81% 81% 82% 81% 81% 80% 80% 77% 66% 58% 49% 38% 36% | 101%  M. sal.  87% 90% 94% 93% 92% 95% 95% 95% 95% 95% 99% 99% 99% 98% 98% 98% 98% 98% 98% 98 | 96% 97%  C. cya 88% 1009 73% 72% 70% 711% 799 55% 55% 55% 55% 55% 54% 54% 544% 544%   |

22%

3%

10%

97%

14%

500

2%

9%

2%

36%

43%

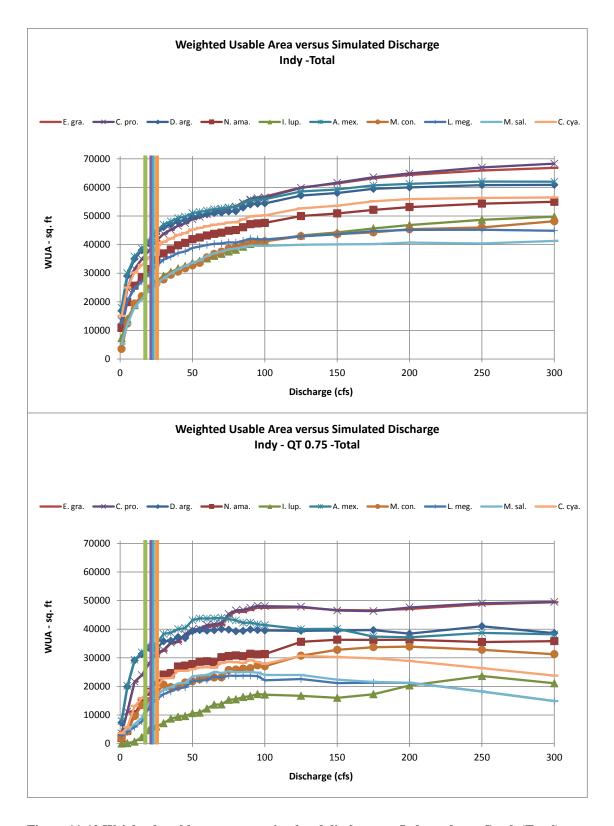


Figure 11-12 Weighted usable area versus simulated discharge at Independence Creek (Total).

Table 11-12 Percent of maximum WUA versus simulated discharge at Indy Creek (Total).

| Indy -T   | otal   |   |   |   |  |  |   |  |   |  |  |
|---|--|---|---|---|--|--|---|--|---|--|--|
| Q   | Min All  | E. gra.   | C. pro.   | D. arg.   | N. ama.  | I. lup.  | A. mex.   | M. con.  | L. meg.   | M. sal.  | C. cya.  |
| 1   | 8%   | 21%   | 21%   | 28%   | 21%  | 16%  | 29%   | 8%   | 28%   | 13%  | 27%  |
| 5   | 28%  | 39%   | 39%   | 49%   | 38%  | 31%  | 49%   | 28%  | 45%   | 30%  | 45%  |
| 10  | 41%  | 50%   | 50%   | 59%   | 49%  | 41%  | 59%   | 44%  | 55%   | 45%  | 55%  |
| 15  | 48%  | 55%   | 55%   | 64%   | 55%  | 48%  | 64%   | 50%  | 61%   | 52%  | 60%  |
| 20  | 54%  | 60%   | 60%   | 68%   | 60%  | 54%  | 68%   | 56%  | 66%   | 60%  | 64%  |
| 25  | 59%  | 65%   | 65%   | 74%   | 66%  | 59%  | 74%   | 60%  | 73%   | 65%  | 70%  |
| 30  | 63%  | 69%   | 69%   | 77%   | 71%  | 64%  | 77%   | 63%  | 78%   | 70%  | 74%  |
| 35  | 67%  | 72%   | 71%   | 79%   | 73%  | 67%  | 79%   | 67%  | 80%   | 74%  | 76%  |
| 40  | 69%  | 74%   | 73%   | 81%   | 76%  | 69%  | 81%   | 69%  | 83%   | 78%  | 79%  |
| 45<br>50  | 71%<br>74%   | 75%<br>78%  | 75%<br>77%  | 82%<br>84%  | 78%<br>80%   | 71%<br>74%   | 82%<br>84%  | 72%<br>74%   | 84%<br>87%  | 81%<br>84%   | 80%<br>82%   |
| 55  | 75%  | 79%   | 78%   | 84%   | 81%  | 75%  | 85%   | 76%  | 88%   | 86%  | 83%  |
| 60  | 77%  | 80%   | 80%   | 85%   | 83%  | 77%  | 85%   | 80%  | 89%   | 90%  | 84%  |
| 65  | 79%  | 82%   | 81%   | 86%   | 84%  | 79%  | 86%   | 83%  | 90%   | 92%  | 85%  |
| 70  | 81%  | 83%   | 82%   | 86%   | 85%  | 81%  | 87%   | 85%  | 90%   | 93%  | 86%  |
| 75  | 82%  | 84%   | 83%   | 87%   | 86%  | 82%  | 87%   | 87%  | 91%   | 95%  | 87%  |
| 80  | 84%  | 85%   | 84%   | 87%   | 86%  | 84%  | 88%   | 89%  | 91%   | 96%  | 87%  |
| 85  | 86%  | 87%   | 86%   | 89%   | 88%  | 86%  | 90%   | 91%  | 92%   | 97%  | 89%  |
| 90  | 88%  | 89%   | 88%   | 91%   | 90%  | 88%  | 91%   | 92%  | 94%   | 99%  | 90%  |
| 95  | 88%  | 89%   | 88%   | 91%   | 91%  | 89%  | 92%   | 93%  | 94%   | 99%  | 91%  |
| 100   | 89%  | 90%   | 89%   | 91%   | 91%  | 90%  | 92%   | 93%  | 93%   | 98%  | 91%  |
| 125   | 94%  | 95%   | 94%   | 96%   | 96%  | 95%  | 96%   | 97%  | 96%   | 99%  | 95%  |
| 150   | 97%  | 97%   | 97%   | 98%   | 98%  | 97%  | 98%   | 99%  | 98%   | 100%   | 97%  |
| 175   | 100%   | 100%  | 100%  | 100%  | 100%   | 100%   | 100%  | 100%   | 100%  | 100%   | 100%   |
| 200   | 101%   | 102%  | 102%  | 101%  | 102%   | 103%   | 101%  | 103%   | 101%  | 101%   | 101%   |
| 250   | 101%   | 104%  | 105%  | 102%  | 104%   | 107%   | 102%  | 104%   | 101%  | 101%   | 102%   |
| 300   | 100%   | 106%  | 107%  | 102%  | 105%   | 109%   | 102%  | 109%   | 100%  | 103%   | 102%   |
| 350<br>400  | 98%<br>97%   | 106%<br>108%  | 108%<br>109%  | 102%<br>103%  | 105%<br>105%   | 112%<br>118%   | 102%<br>103%  | 110%<br>112%   | 98%<br>97%  | 102%<br>100%   | 101%<br>100%   |
| 500   | 91%  | 109%  | 111%  | 101%  | 104%   | 124%   | 104%  | 112%   | 91%   | 95%  | 98%  |
|   |  |   |   |   |  |  |   |  |   |  |  |
|   |  |   |   |   |  |  |   |  |   |  |  |
|   | QT 0.75 -Total   | Fara  | C pro   | Darg  | Nama   | Llup   | A mey   | M. con   | I mag   | M cal  | Cova   |
| _ Q   | Min All  | E. gra.   | C. pro.   | D. arg.   | N. ama.  | I. lup.<br>0%  | A. mex.   | M. con.  | L. meg.   | M. sal.  | C. cya.  |
| Q<br>1  | Min All<br>0%  | 8%  | 7%  | 18%   | 5%   | 0%   | 18%   | 5%   | 12%   | 15%  | 12%  |
| _ Q   | Min All  |   |   |   |  |  |   |  |   |  |  |
| Q<br>1<br>5   | Min All<br>0%<br>1%  | 8%<br>23%   | 7%<br>23%   | 18%<br>50%  | 5%<br>12%  | 0%<br>1%   | 18%<br>46%  | 5%<br>13%  | 12%<br>18%  | 15%<br>20%   | 12%<br>19%   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>1%<br>4%  | 8%<br>23%<br>45%  | 7%<br>23%<br>45%  | 18%<br>50%<br>73%   | 5%<br>12%<br>28%   | 0%<br>1%<br>4%   | 18%<br>46%<br>67%   | 5%<br>13%<br>29%   | 12%<br>18%<br>24%   | 15%<br>20%<br>27%  | 12%<br>19%<br>43%  |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>1%<br>4%<br>13%   | 8%<br>23%<br>45%<br>50%   | 7%<br>23%<br>45%<br>50%   | 18%<br>50%<br>73%<br>78%  | 5%<br>12%<br>28%<br>41%  | 0%<br>1%<br>4%<br>13%  | 18%<br>46%<br>67%<br>72%  | 5%<br>13%<br>29%<br>40%  | 12%<br>18%<br>24%<br>33%  | 15%<br>20%<br>27%<br>36%   | 12%<br>19%<br>43%<br>52%   |
| Q<br>1<br>5<br>10<br>15<br>20   | Min All 0% 1% 4% 13% 27%   | 8%<br>23%<br>45%<br>50%<br>59%  | 7%<br>23%<br>45%<br>50%<br>58%  | 18%<br>50%<br>73%<br>78%<br>84%   | 5%<br>12%<br>28%<br>41%<br>50%   | 0%<br>1%<br>4%<br>13%<br>27%   | 18%<br>46%<br>67%<br>72%<br>78%   | 5%<br>13%<br>29%<br>40%<br>44%   | 12%<br>18%<br>24%<br>33%<br>54%   | 15%<br>20%<br>27%<br>36%<br>56%  | 12%<br>19%<br>43%<br>52%<br>61%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25   | Min All 0% 1% 4% 13% 27% 35%   | 8%<br>23%<br>45%<br>50%<br>59%  | 7%<br>23%<br>45%<br>50%<br>58%  | 18%<br>50%<br>73%<br>78%<br>84%<br>83%  | 5%<br>12%<br>28%<br>41%<br>50%   | 0%<br>1%<br>4%<br>13%<br>27%<br>35%  | 18%<br>46%<br>67%<br>72%<br>78%   | 5%<br>13%<br>29%<br>40%<br>44%<br>52%  | 12%<br>18%<br>24%<br>33%<br>54%<br>65%  | 15%<br>20%<br>27%<br>36%<br>56%  | 12%<br>19%<br>43%<br>52%<br>61%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | Min All 0% 1% 4% 13% 27% 35% 41% 50% 54%   | 8%<br>23%<br>45%<br>50%<br>59%<br>65%<br>68%<br>74%<br>75%  | 7% 23% 45% 50% 58% 65% 68% 73% 74%  | 18%<br>50%<br>73%<br>78%<br>84%<br>83%<br>89%<br>90%<br>93%   | 5% 12% 28% 41% 50% 56% 66% 68% 74%   | 0%<br>1%<br>4%<br>13%<br>27%<br>35%<br>41%<br>50%<br>54%   | 18%<br>46%<br>67%<br>72%<br>78%<br>79%<br>87%<br>88%<br>91%   | 5%<br>13%<br>29%<br>40%<br>44%<br>52%<br>61%<br>59%<br>59%   | 12%<br>18%<br>24%<br>33%<br>54%<br>65%<br>73%<br>77%<br>82%   | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>74%<br>78%<br>83%  | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All 0% 1% 4% 13% 27% 35% 41% 50% 54% 56%   | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80%  | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80%  | 18%<br>50%<br>73%<br>78%<br>84%<br>83%<br>89%<br>90%<br>93%<br>92%  | 5%<br>12%<br>28%<br>41%<br>50%<br>56%<br>66%<br>68%<br>74%   | 0% 1% 4% 13% 27% 35% 41% 50% 54%   | 18% 46% 67% 72% 78% 79% 87% 88% 91% 92%   | 5%<br>13%<br>29%<br>40%<br>44%<br>52%<br>61%<br>59%<br>59%<br>63%  | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83%   | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>74%<br>78%<br>83%<br>84%                                   | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>83%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | Min All 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61%   | 8%<br>23%<br>45%<br>50%<br>59%<br>68%<br>74%<br>75%<br>80%<br>82%   | 7% 23% 45% 50% 58% 668% 68% 73% 74% 80% 83%   | 18%<br>50%<br>73%<br>788<br>84%<br>83%<br>89%<br>90%<br>93%<br>92%<br>98%   | 5%<br>12%<br>28%<br>41%<br>50%<br>56%<br>66%<br>68%<br>74%<br>75%<br>77%   | 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61%   | 18% 46% 67% 72% 78% 79% 88% 91% 92% 98%   | 5%<br>13%<br>29%<br>40%<br>44%<br>52%<br>61%<br>59%<br>59%<br>63%<br>65%                                 | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92%   | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>74%<br>78%<br>83%<br>84%<br>93%                            | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>83%<br>85%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | Min All 0% 1% 4% 13% 27% 35% 41% 50% 56% 61% 62%   | 8%<br>23%<br>45%<br>50%<br>59%<br>65%<br>68%<br>74%<br>75%<br>80%<br>82%<br>83%                             | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83%  | 18%<br>50%<br>73%<br>78%<br>84%<br>83%<br>89%<br>90%<br>93%<br>92%<br>98%<br>99%  | 5%<br>12%<br>28%<br>41%<br>50%<br>56%<br>66%<br>68%<br>74%<br>75%<br>77%   | 0% 1% 4% 13% 27% 35% 41% 50% 54% 61% 62%   | 18% 46% 67% 72% 78% 79% 88% 91% 92% 98% 100%  | 5%<br>13%<br>29%<br>40%<br>44%<br>52%<br>61%<br>59%<br>63%<br>65%<br>67%                                 | 12% 18% 24% 33% 54% 65% 77% 82% 83% 92% 93%   | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>78%<br>83%<br>84%<br>93%                                   | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>83%<br>85%<br>87%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | Min All 0% 1% 4% 13% 27% 35% 41% 50% 54% 61% 62% 68%   | 8%<br>23%<br>45%<br>50%<br>59%<br>65%<br>68%<br>74%<br>75%<br>80%<br>82%<br>83%<br>86%                      | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83%  | 18%<br>50%<br>73%<br>78%<br>84%<br>83%<br>89%<br>90%<br>93%<br>92%<br>98%<br>99%  | 5%<br>12%<br>28%<br>41%<br>50%<br>56%<br>66%<br>68%<br>74%<br>75%<br>77%<br>79%                                    | 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61% 62% 71%   | 18% 46% 67% 72% 78% 79% 87% 89% 91% 92% 98% 100% 99%  | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68%   | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93%   | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>78%<br>83%<br>84%<br>93%<br>94%                            | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>83%<br>85%<br>87%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All 0% 1% 4% 13% 27% 35% 41% 50% 54% 66% 61% 62% 68%   | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 86%  | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83% 86% 87%  | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 99%   | 5% 12% 28% 41% 50% 56% 66% 68% 74% 75% 77% 79% 79% 78%   | 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61% 62% 71%   | 18% 46% 67% 72% 78% 79% 87% 88% 91% 92% 98% 100% 99%  | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68%   | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 93%   | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>74%<br>78%<br>83%<br>84%<br>93%<br>94%<br>95%              | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>85%<br>87%<br>87%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70  | Min All 0% 1% 4% 13% 27% 35% 41% 50% 54% 61% 62% 68% 68% 69%   | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 86% 87%  | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83% 86% 87%  | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 100%  | 5% 12% 28% 41% 50% 56% 66% 68% 74% 75% 77% 79% 78% 83%   | 0% 1% 4% 13% 27% 35% 41% 50% 56% 61% 62% 71% 79%   | 18% 46% 67% 72% 78% 78% 87% 88% 91% 92% 98% 100% 100%   | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 69%   | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 93% 99%   | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>74%<br>78%<br>83%<br>84%<br>93%<br>94%<br>95%<br>99%       | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>85%<br>87%<br>87%<br>86%<br>92%                                     |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75   | Min All  0%  1%  4%  13%  27%  35%  41%  50%  56%  61%  62%  68%  68%  69%  76%  | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94%  | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 84% 86% 87%  | 18% 50% 73% 788 844% 833% 89% 90% 93% 92% 98% 99% 100% 99%  | 5% 12% 28% 41% 50% 56% 66% 68% 74% 77% 79% 79% 78% 83% 84%   | 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61% 62% 71% 79% 79% 88%   | 18% 46% 67% 72% 78% 79% 87% 88% 91% 92% 98% 100% 100% 99%   | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 69% 76%   | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 93% 97% 100%  | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>74%<br>78%<br>83%<br>84%<br>93%<br>94%<br>95%<br>99%       | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>85%<br>87%<br>87%<br>86%<br>92%<br>93%                              |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80   | Min All  0%  1%  4%  13%  27%  35%  41%  50%  56%  61%  62%  68%  68%  69%  76%  77%   | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94%  | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 84% 94% 97%  | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 100% 99% 98%  | 5% 12% 28% 41% 50% 56% 66% 68% 74% 77% 79% 78% 83% 84% 85%   | 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61% 62% 71% 79% 79% 88% 89%   | 18% 46% 67% 72% 78% 79% 87% 88% 91% 92% 98% 100% 100% 99% 98%   | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 69% 76% 77%   | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 99% 97% 100% 100%   | 15%<br>20%<br>27%<br>36%<br>56%<br>67%<br>74%<br>78%<br>84%<br>93%<br>94%<br>95%<br>99%<br>100%      | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>85%<br>87%<br>87%<br>86%<br>92%<br>93%                              |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85                             | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  69%  76%  77%  78%  | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94% 97%  | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 84% 94% 97% 97%  | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 100% 99% 98% 98%  | 5%<br>12%<br>28%<br>41%<br>50%<br>56%<br>66%<br>68%<br>74%<br>75%<br>77%<br>79%<br>78%<br>83%<br>84%<br>85%        | 0% 1% 4% 13% 27% 35% 41% 50% 54% 661% 62% 71% 79% 79% 88% 89% 94%  | 18% 46% 67% 72% 78% 79% 87% 88% 91% 92% 98% 100% 100% 99% 98% 96%   | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 69% 76% 77% 78%                                       | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 99% 100% 100%   | 15% 20% 27% 36% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 98% 100% 99%                                 | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>85%<br>87%<br>87%<br>86%<br>92%<br>93%<br>93%                       |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90                            | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  68%  69%  76%  77%  78%   | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94% 97% 98%  | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 84% 97% 99%  | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 100% 99% 98% 100%   | 5%<br>12%<br>28%<br>41%<br>50%<br>56%<br>66%<br>68%<br>74%<br>75%<br>77%<br>79%<br>79%<br>83%<br>84%<br>85%<br>84% | 0% 1% 4% 13% 27% 35% 41% 50% 54% 66% 61% 62% 71% 79% 88% 89% 94% 96%   | 18% 46% 67% 72% 78% 79% 87% 88% 91% 92% 98% 100% 100% 99% 96% 96%   | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 69% 76% 77% 78%   | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 93% 100% 100% 100%  | 15% 20% 27% 36% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 99% 99%                                      | 12% 19% 43% 52% 61% 65% 74% 75% 83% 85% 87% 87% 89% 92% 93% 92% 95%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85                             | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  69%  76%  77%  78%  | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94% 97%  | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 84% 94% 97% 97%  | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 100% 99% 98% 98%  | 5%<br>12%<br>28%<br>41%<br>50%<br>56%<br>66%<br>68%<br>74%<br>75%<br>77%<br>79%<br>78%<br>83%<br>84%<br>85%        | 0% 1% 4% 13% 27% 35% 41% 50% 54% 661% 62% 71% 79% 79% 88% 89% 94%  | 18% 46% 67% 72% 78% 79% 87% 88% 91% 92% 98% 100% 100% 99% 98% 96%   | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 69% 76% 77% 78%                                       | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 99% 100% 100%   | 15% 20% 27% 36% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 98% 100% 99%                                 | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>85%<br>87%<br>87%<br>86%<br>92%<br>93%<br>93%                       |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95                      | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  68%  69%  76%  77%  78%  78%  81%   | 8%<br>23%<br>45%<br>50%<br>59%<br>68%<br>74%<br>75%<br>80%<br>82%<br>83%<br>86%<br>86%<br>97%<br>97%<br>97% | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83% 86% 87% 99% 100%   | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 100% 99% 100% 99% 99%   | 5% 12% 28% 41% 50% 56% 66% 68% 74% 75% 77% 79% 78% 884% 885% 84% 86%   | 0% 1% 4% 13% 27% 35% 41% 50% 54% 61% 62% 71% 79% 88% 89% 94% 96% 100%  | 18% 46% 67% 72% 78% 79% 88% 91% 92% 98% 100% 100% 100% 99% 96% 95%  | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 69% 76% 77% 78% 81%                                       | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 91% 100% 100% 100% 99%  | 15% 20% 27% 36% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 99% 99% 99%                                  | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>83%<br>85%<br>87%<br>86%<br>92%<br>93%<br>92%<br>95%<br>93%         |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100               | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  68%  76%  77%  78%  78%  81%  80%   | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 86% 97% 97% 97% 98% 100%                                 | 7% 23% 45% 50% 58% 65% 66% 68% 73% 74% 80% 83% 83% 86% 87% 99% 100% 100%                                | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 100% 99% 99% 100% 99% 99%   | 5% 12% 28% 41% 50% 56% 66% 68% 74% 75% 77% 79% 78% 83% 84% 85% 84% 86%   | 0% 1% 4% 13% 27% 35% 41% 50% 54% 61% 62% 71% 79% 88% 89% 94% 96% 100% 99%                                      | 18% 46% 67% 72% 78% 79% 88% 91% 92% 98% 100% 99% 100% 99% 100% 99% 96% 95% 94%  | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 77% 88% 78% 81% 80%                                   | 12% 18% 24% 33% 54% 65% 77% 82% 83% 92% 93% 91% 100% 100% 100% 99% 93%  | 15% 20% 27% 36% 56% 67% 78% 83% 84% 93% 94% 95% 99% 98% 100% 99% 99% 98%                             | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>83%<br>85%<br>87%<br>86%<br>92%<br>93%<br>93%<br>95%<br>93%         |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125        | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  62%  68%  69%  76%  78%  88%  89%  91%  | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 86% 94% 91% 91% 97% 97% 98% 100% 100%                    | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83% 86% 87% 99% 100% 100% 99%                                | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 99% 100% 99% 98% 98% 100% 99% 98% 98%   | 5% 12% 28% 41% 50% 56% 68% 68% 74% 75% 79% 79% 78% 83% 84% 85% 84% 86% 86% 86%                                     | 0% 1% 4% 13% 27% 35% 41% 50% 54% 61% 62% 71% 79% 88% 89% 94% 96% 100% 99% 97%                                  | 18% 46% 67% 72% 78% 79% 88% 91% 92% 98% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 98% 96% 96% 96% 95% 94% 91%  | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 76% 78% 81% 80% 91%                                   | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 90% 100% 100% 100% 100% 99% 93% 95%                             | 15% 20% 27% 36% 56% 67% 78% 83% 84% 93% 94% 95% 99% 98% 100% 99% 99% 98% 95% 95%                     | 12%<br>19%<br>43%<br>52%<br>61%<br>65%<br>74%<br>75%<br>83%<br>83%<br>85%<br>87%<br>86%<br>92%<br>93%<br>92%<br>93%<br>91%<br>100% |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150             | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  68%  76%  77%  78%  81%  80%  91%  88%                                    | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94% 97% 91% 100% 100% 98%                            | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83% 86% 87% 99% 100% 100% 99% 97%                            | 18% 50% 73% 788 844% 837 89% 90% 93% 92% 98% 99% 100% 99% 100% 99% 98% 99% 100% 99% 99% 100% 99% 99%                                  | 5% 12% 28% 41% 50% 56% 66% 66% 74% 75% 79% 79% 78% 83% 84% 85% 84% 86% 86% 86% 98% 100%                            | 0% 1% 4% 13% 27% 35% 41% 50% 54% 661% 62% 71% 79% 88% 89% 94% 96% 100% 99% 97%                                 | 18% 46% 67% 72% 78% 78% 87% 887% 887% 91% 91% 100% 99% 100% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100%  | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 76% 78% 78% 81% 80% 91%                               | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 90% 100% 100% 100% 100% 99% 95% 89%                             | 15% 20% 27% 36% 56% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 98% 100% 99% 99% 98% 95% 88%             | 12% 19% 43% 52% 61% 65% 74% 75% 83% 85% 87% 86% 92% 93% 93% 91% 100% 99%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175 | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  68%  76%  77%  78%  78%  81%  80%  91%  88%  85%                          | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94% 97% 91% 100% 100% 98% 98%                        | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83% 86% 87% 88% 94% 97% 90% 100% 100% 99% 97% 96%            | 18% 50% 73% 788 84% 837 89% 90% 93% 92% 98% 99% 100% 99% 100% 99% 98% 99% 99% 99% 99%   | 5% 12% 28% 41% 50% 56% 66% 66% 74% 75% 79% 79% 78% 83% 84% 85% 86% 86% 86% 98% 100%                                | 0% 1% 4% 13% 27% 35% 41% 50% 56% 61% 62% 71% 79% 88% 89% 94% 96% 100% 99% 97% 92% 100% 117% 136%               | 18% 46% 67% 72% 78% 78% 87% 887% 81% 92% 98% 100% 99% 100% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 100 | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 77% 78% 78% 81% 80% 91% 97% 100%                      | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 99% 91% 100% 100% 100% 100% 100% 99% 93% 95% 89%                        | 15% 20% 27% 36% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 98% 100% 99% 98% 95% 98% 85%                 | 12% 19% 43% 52% 61% 65% 74% 75% 83% 83% 85% 87% 86% 92% 93% 91% 100% 99% 97%   |
| 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 125 150 175 200 250 300   | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  68%  69%  76%  77%  78%  81%  80%  91%  88%  85%  84%  72%  59%           | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94% 97% 98% 100% 100% 100% 98% 99% 102% 104%         | 7% 23% 45% 50% 58% 65% 668% 73% 74% 80% 83% 83% 86% 87% 91% 99% 100% 100% 99% 99% 100% 100% 99% 100%    | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 99% 100% 99% 99% 100% 99% 98% 100% 99% 98% 100% 99% 96% 102%                          | 5% 12% 28% 41% 50% 56% 66% 68% 74% 75% 77% 79% 78% 83% 84% 85% 84% 86% 98% 100% 100% 98% 99%                       | 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61% 62% 71% 79% 88% 89% 94% 96% 100% 97% 92% 100% 117% 136% 122%          | 18% 46% 67% 72% 78% 79% 88% 91% 92% 98% 100% 100% 99% 100% 100% 99% 98% 96% 95% 94% 91% 91% 85% 88% 87%   | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 69% 76% 77% 78% 81% 80% 91% 91% 97% 100% 101% 97% 93% | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 93% 99% 97% 100% 100% 100% 100% 99% 95% 89% 89% 89% 89%         | 15% 20% 27% 36% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 98% 100% 99% 99% 98% 95% 88% 85% 84% 72% 59% | 12% 19% 43% 52% 61% 65% 74% 75% 83% 83% 85% 87% 86% 92% 93% 91% 100% 99% 97% 94% 86% 77%   |
| 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 125 150 175 200 250 300 350   | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  68%  68%  76%  77%  78%  78%  81%  80%  91%  88%  85%  84%  72%  59%  50% | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 86% 87% 9100% 100% 100% 100% 100% 100% 100% 10           | 7% 23% 45% 50% 58% 65% 68% 73% 74% 80% 83% 83% 86% 87% 91% 99% 100% 100% 99% 97% 96% 99% 102% 103% 111% | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 99% 99% 100% 99% 98% 100% 99% 98% 100% 99% 98% 100% 99% 98% 100% 99% 98% 99% 98% 100% | 5% 12% 28% 41% 50% 66% 66% 668% 74% 75% 77% 79% 78% 83% 84% 85% 84% 86% 86% 98% 100% 100% 100% 98% 99%             | 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61% 62% 71% 79% 88% 89% 94% 96% 100% 99% 97% 92% 100% 117% 136% 122% 134% | 18% 46% 67% 72% 78% 79% 88% 91% 92% 98% 100% 99% 100% 99% 100% 99% 100% 99% \$6% 95% 94% 91% 85% 88% 87%  | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 77% 78% 78% 78% 100% 101% 97% 93%                     | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 93% 99% 100% 100% 100% 100% 99% 93% 95% 89% 89% 89% 89% 89% 89% | 15% 20% 27% 36% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 99% 99% 99% 99% 95% 88% 85% 84% 72% 59% 50%  | 12% 19% 43% 52% 61% 65% 74% 75% 83% 83% 85% 87% 86% 92% 93% 91% 100% 99% 94% 86% 77% 68%   |
| 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 125 150 175 200 250 300   | Min All  0%  1%  4%  13%  27%  35%  41%  50%  54%  56%  61%  62%  68%  68%  69%  76%  77%  78%  81%  80%  91%  88%  85%  84%  72%  59%           | 8% 23% 45% 50% 59% 65% 68% 74% 75% 80% 82% 83% 86% 87% 94% 97% 98% 100% 100% 100% 98% 99% 102% 104%         | 7% 23% 45% 50% 58% 65% 668% 73% 74% 80% 83% 83% 86% 87% 91% 99% 100% 100% 99% 99% 100% 100% 99% 100%    | 18% 50% 73% 788 84% 83% 89% 90% 93% 92% 98% 99% 99% 100% 99% 99% 100% 99% 98% 100% 99% 98% 100% 99% 96% 102%                          | 5% 12% 28% 41% 50% 56% 66% 68% 74% 75% 77% 79% 78% 83% 84% 85% 84% 86% 98% 100% 100% 98% 99%                       | 0% 1% 4% 13% 27% 35% 41% 50% 54% 56% 61% 62% 71% 79% 88% 89% 94% 96% 100% 97% 92% 100% 117% 136% 122%          | 18% 46% 67% 72% 78% 79% 88% 91% 92% 98% 100% 100% 99% 100% 100% 99% 98% 96% 95% 94% 91% 91% 85% 88% 87%   | 5% 13% 29% 40% 44% 52% 61% 59% 63% 65% 67% 68% 68% 69% 76% 77% 78% 81% 80% 91% 91% 97% 100% 101% 97% 93% | 12% 18% 24% 33% 54% 65% 73% 77% 82% 83% 92% 93% 93% 99% 97% 100% 100% 100% 100% 99% 95% 89% 89% 89% 89%         | 15% 20% 27% 36% 56% 67% 74% 78% 83% 84% 93% 94% 95% 99% 98% 100% 99% 99% 98% 95% 88% 85% 84% 72% 59% | 12% 19% 43% 52% 61% 65% 74% 75% 83% 83% 85% 87% 86% 92% 93% 91% 100% 99% 97% 94% 86% 77%   |

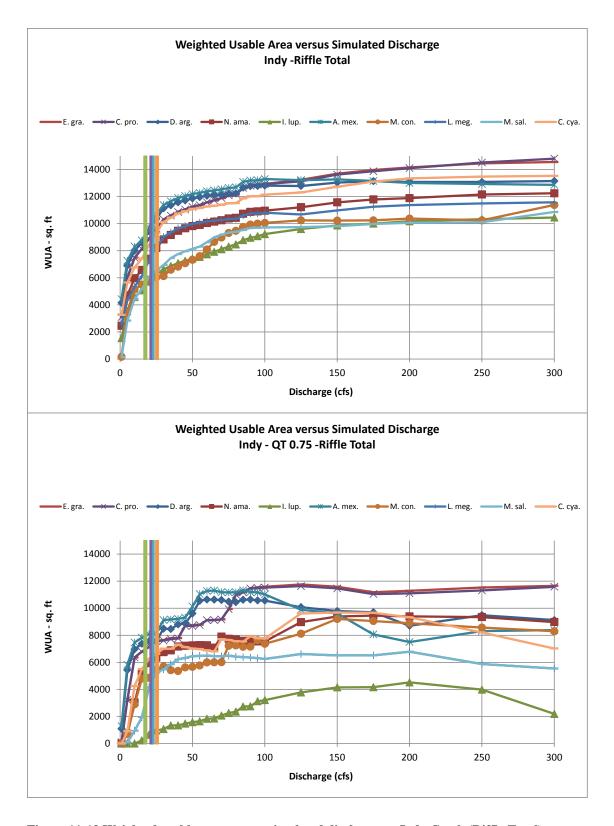


Figure 11-13 Weighted usable area versus simulated discharge at Indy Creek (Riffle Total).

Table 11-13 Percent of maximum WUA versus simulated discharge at Indy Creek (Riffle Total).

| Indy -R<br>Q  | Min All   | E. gra.  | C. pro.   | D. arg.  | N. ama.   | I. lup.  | A. mex.   | M. con.  | L. meg.  | M. sal.   | C. cya.   |
|---|---|--|---|--|---|--|---|--|--|---|---|
| 1   | 1%  | 22%  | 22%   | 32%  | 21%   | 15%  | 33%   | 2%   | 23%  | 1%  | 25%   |
| 5   | 28%   | 43%  | 43%   | 53%  | 40%   | 35%  | 55%   | 35%  | 39%  | 28%   | 43%   |
| 10  | 45%   | 54%  | 54%   | 61%  | 51%   | 46%  | 62%   | 50%  | 47%  | 45%   | 52%   |
| 15  | 51%   | 58%  | 59%   | 66%  | 56%   | 51%  | 66%   | 54%  | 54%  | 52%   | 57%   |
| 20  | 57%   | 64%  | 64%   | 72%  | 63%   | 57%  | 73%   | 57%  | 65%  | 61%   | 64%   |
| 25  | 59%   | 69%  | 70%   | 79%  | 70%   | 62%  | 80%   | 59%  | 73%  | 66%   | 71%   |
| 30  | 60%   | 74%  | 74%   | 85%  | 75%   | 66%  | 86%   | 60%  | 80%  | 70%   | 77%   |
| 35  | 64%   | 76%  | 76%   | 86%  | 78%   | 69%  | 88%   | 64%  | 83%  | 75%   | 80%   |
| 40  | 67%   | 78%  | 78%   | 88%  | 80%   | 71%  | 89%   | 67%  | 86%  | 78%   | 82%   |
| 45  | 69%   | 79%  | 80%   | 89%  | 82%   | 73%  | 91%   | 69%  | 87%  | 80%   | 83%   |
| 50  | 72%   | 81%  | 81%   | 90%  | 83%   | 74%  | 92%   | 72%  | 89%  | 82%   | 85%   |
| 55  | 74%   | 82%  | 82%   | 91%  | 84%   | 75%  | 92%   | 74%  | 90%  | 83%   | 85%   |
| 60  | 77%   | 83%  | 83%   | 92%  | 85%   | 77%  | 93%   | 79%  | 90%  | 86%   | 86%   |
| 65  | 79%   | 84%  | 85%   | 92%  | 86%   | 79%  | 94%   | 85%  | 91%  | 90%   | 86%   |
| 70  | 81%   | 85%  | 86%   | 93%  | 87%   | 81%  | 94%   | 88%  | 91%  | 92%   | 87%   |
| 75  | 83%   | 86%  | 87%   | 93%  | 88%   | 83%  | 95%   | 91%  | 92%  | 94%   | 88%   |
| 80  | 85%   | 87%  | 88%   | 93%  | 88%   | 85%  | 95%   | 92%  | 92%  | 94%   | 88%   |
| 85  | 88%   | 90%  | 91%   | 96%  | 91%   | 88%  | 98%   | 95%  | 94%  | 96%   | 91%   |
| 90  | 90%   | 92%  | 92%   | 97%  | 92%   | 90%  | 99%   | 97%  | 96%  | 97%   | 92%   |
| 95  | 91%   | 92%  | 93%   | 97%  | 93%   | 91%  | 99%   | 98%  | 96%  | 97%   | 92%   |
| 100   | 92%   | 93%  | 93%   | 97%  | 93%   | 92%  | 100%  | 98%  | 96%  | 97%   | 93%   |
| 125   | 94%   | 95%  | 95%   | 97%  | 95%   | 96%  | 99%   | 100%   | 95%  | 98%   | 94%   |
| 150   | 97%   | 98%  | 98%   | 99%  | 98%   | 99%  | 100%  | 100%   | 98%  | 98%   | 97%   |
| 175   | 99%   | 100%   | 100%  | 100%   | 100%  | 100%   | 99%   | 100%   | 100%   | 100%  | 100%  |
| 200   | 98%   | 101%   | 102%  | 100%   | 101%  | 102%   | 98%   | 101%   | 101%   | 101%  | 102%  |
| 250   | 97%   | 104%   | 105%  | 100%   | 103%  | 103%   | 97%   | 100%   | 102%   | 101%  | 103%  |
| 300   | 97%   | 104%   | 107%  | 100%   | 104%  | 105%   | 97%   | 111%   | 103%   | 109%  | 103%  |
| 250   | 96%   | 105%   | 107%  | 100%   | 102%  | 110%   | 96%   | 115%   | 102%   | 110%  | 100%  |
| 350   |   |  |   |  |   |  |   |  |  |   |   |
| 400   | 96%   | 104%   | 107%  | 99%  | 101%  | 114%   | 96%   | 118%   | 99%  | 108%  | 98%   |
|   | 96%<br>89%  | 104%<br>105%   | 107%<br>106%  | 99%<br>95%   | 101%<br>100%  | 114%   | 96%<br>95%  | 118%   | 89%  | 106%  | 97%   |
| 400<br>500<br>Indy - 0  | 89%<br>QT 0.75 -Riffle  | 105%<br>Total  | 106%  | 95%  | 100%  | 117%   | 95%   | 118%   | 89%  | 106%  | 97%   |
| 400<br>500<br>Indy - 0<br>Q   | 89%<br>QT 0.75 -Riffle<br>Min All   | 105%  Total  E. gra.   | 106%<br>C. pro.   | 95%<br>D. arg.   | 100%<br>N. ama.   | 117%<br>I. lup.  | 95%<br>A. mex.  | 118%<br>M. con.  | 89%<br>L. meg.   | 106%<br>M. sal.   | 97%<br>C. cya.  |
| 400<br>500<br>Indy - 0<br>Q   | 89%<br>QT 0.75 -Riffle<br>Min All<br>0%   | 105%  Total  E. gra.  1%   | C. pro.   | 95%<br>D. arg.<br>10%  | N. ama.   | 117%<br>I. lup.<br>0%  | 95%<br>A. mex.<br>11%   | M. con.  | L. meg.  | M. sal.   | 97%<br>C. cya.<br>0%  |
| 400<br>500<br>Indy - 0<br>Q<br>1<br>5   | 89%<br>QT 0.75 -Riffle<br>Min All<br>0%<br>0%   | 105%  Total  E. gra.  1%  28%  | 106%<br>C. pro.<br>1%<br>28%  | 95%  D. arg. 10% 51%   | N. ama. 0% 8%   | 117%  I. lup.  0%  0%  | 95%  A. mex. 11% 51%  | M. con. 0% 8%  | 89%  L. meg.  0%  1%   | M. sal. 0% 1%   | 97%  C. cya.  0%  9%  |
| 400<br>500<br>Indy - 0<br>Q<br>1<br>5   | 89%<br>QT 0.75 -Riffle<br>Min All<br>0%<br>0%<br>0%   | 105%  Total  E. gra.  1%  28%  54%   | C. pro.<br>1%<br>28%<br>55%   | 95%  D. arg. 10% 51% 65%   | N. ama.<br>0%<br>8%<br>32%  | 1. lup.<br>0%<br>0%<br>0%  | 95%  A. mex. 11% 51% 66%  | M. con.<br>0%<br>8%<br>31%   | L. meg.<br>0%<br>1%<br>14%   | M. sal.<br>0%<br>1%<br>14%  | 97%<br>C. cya.<br>0%<br>9%<br>44%   |
| 400<br>500<br>Indy - 0<br>Q<br>1<br>5<br>10   | 89%  QT 0.75 -Riffle  Min All  0%  0%  0%  6%   | 105%  Total E. gra. 1% 28% 54% 58%   | 106%  C. pro.  1%  28%  55%  58%  | 95%  D. arg. 10% 51% 65% 69%   | N. ama. 0% 8% 32% 54%   | 1.17%  I. lup.  0%  0%  0%  6%   | 95%  A. mex.  11%  51%  66%  69%  | M. con.<br>0%<br>8%<br>31%<br>52%  | 89%  L. meg.  0%  1%  14%  29%   | M. sal. 0% 1% 14% 29%   | 97%  C. cya.  0%  9%  44%  57%  |
| 400<br>500<br>Indy-C<br>Q<br>1<br>5<br>10<br>15   | 89%  2T 0.75 -Riffle  Min All  0%  0%  0%  6%  16%  | 105%  Total E. gra. 1% 28% 54% 58% 61%   | C. pro.  1% 28% 55% 58% 61%   | D. arg.<br>10%<br>51%<br>65%<br>69%<br>71%   | N. ama.  0% 8% 32% 54% 63%  | 117%  I. lup.  0%  0%  0%  6%  16%   | 95%  A. mex. 11% 51% 66% 69% 71%  | M. con. 0% 8% 31% 52% 53%  | L. meg.<br>0%<br>1%<br>14%<br>29%<br>63%   | M. sal.  0%  1%  14%  29%  63%  | 97%  C. cya.  0%  9%  44%  57%  65%   |
| 400<br>500<br>Indy-C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   | 89%<br>QT 0.75 -Riffle<br>Min All<br>0%<br>0%<br>0%<br>6%<br>16%<br>23%   | 105%  Total E. gra. 1% 28% 54% 58% 61%   | C. pro.  1% 28% 55% 58% 61% 65%   | 95%  D. arg.  10%  51%  65%  69%  71%  71%   | N. ama.<br>0%<br>8%<br>32%<br>54%<br>63%<br>67%   | 117%  I. lup.  0%  0%  0%  6%  16%  23%  | 95%  A. mex.  11%  51%  66%  69%  71%  72%  | M. con.  0%  8%  31%  52%  53%   | L. meg.<br>0%<br>1%<br>14%<br>29%<br>63%<br>79%  | M. sal. 0% 1% 14% 29% 63% 79%   | 97%  C. cya.  0%  9%  44%  57%  65%   |
| 400<br>500<br>Indy-C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | 89%<br>QT 0.75 -Riffle<br>Min All<br>0%<br>0%<br>0%<br>6%<br>16%<br>23%<br>26%  | 105%  Total E. gra. 1% 28% 54% 58% 61% 65%   | 106%  C. pro. 1% 28% 55% 58% 61% 65%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80%   | N. ama. 0% 8% 32% 54% 63% 67% 71%   | 117%  I. lup.  0%  0%  6%  16%  23%  26%   | 95%  A. mex. 11% 51% 66% 69% 71% 72% 81%  | M. con. 0% 8% 31% 52% 53% 59%  | L. meg.<br>0%<br>1%<br>14%<br>29%<br>63%<br>79%<br>83%   | M. sal.<br>0%<br>1%<br>14%<br>29%<br>63%<br>79%<br>83%  | 97%  C. cya. 0% 9% 44% 57% 65% 68% 72%  |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | 89%  2T 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%   | 105%  Total E. gra. 1% 28% 54% 588% 61% 65% 66%  | C. pro. 1% 28% 55% 61% 65% 66%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79%   | N. ama. 0% 8% 32% 54% 63% 67% 71% 73%   | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  | 95%  A. mex. 11% 51% 66% 69% 71% 72% 81% 81%  | M. con.<br>0%<br>8%<br>31%<br>52%<br>53%<br>59%<br>62%<br>59%  | L. meg.<br>0%<br>1%<br>14%<br>29%<br>63%<br>79%<br>83%<br>89%                                    | M. sal.<br>0%<br>1%<br>14%<br>29%<br>63%<br>79%<br>83%<br>89%   | 97%  C. cya.  0%  9%  44%  57%  65%  68%  72%   |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | 89%  2T 0.75 -Riffle  Min All  0%  0%  0%  6%  16%  23%  26%  32%  32%  | 105%  Total E. gra. 1% 28% 54% 58% 61% 65% 66% 66%   | C. pro. 1% 28% 55% 61% 65% 66% 67%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  32%   | 95%  A. mex.  11%  51%  66%  69%  71%  72%  81%  81%  81%   | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  | M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94%  | 97%  C. cya.  0%  9%  44%  57%  65%  68%  72%  72%  |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | 89%  2T 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%   | 105%  Total E. gra. 1% 28% 54% 61% 65% 66% 66% 74%   | 106%  C. pro.  1%  28%  55%  61%  65%  66%  67%  75%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  76%   | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  32%  35%  | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 81% 82%   | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  68%  61%  | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%                                     | M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96%  | 97%  C. cya.  0%  9%  44%  57%  65%  68%  72%  72%  75%  74%  |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 89%  OT 0.75 -Riffle  Min All  0%  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  | 105%  Total E. gra. 1% 28% 54% 54% 66% 66% 66% 74% 74%   | 106%  C. pro.  1%  28%  55%  61%  65%  66%  67%  75%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  76%  76%  77%   | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%   | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 82% 89%   | M. con.  0%  8%  31%  52%  53%  62%  59%  61%  62%   | L. meg.<br>0%<br>1%<br>14%<br>29%<br>63%<br>79%<br>83%<br>89%<br>94%<br>96%<br>98%               | M. sal.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  | 97%  C. cya.  0%  9%  44%  57%  65%  68%  72%  75%  74%  72%  |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | 89%  2T 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%   | 105%  Total E. gra. 1% 28% 54% 58% 61% 65% 66% 74% 74% 75%   | 106%  C. pro.  1%  28%  55%  58%  61%  65%  66%  67%  75%  75%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  76%   | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  32%  35%  | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 81% 82%   | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  68%  61%  | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%                                     | M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96%  | 97%  C. cya.  0%  9%  44%  57%  65%  68%  72%  72%  72%  72%  72%   |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | 89%  OT 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  40%  44%   | 105%  Total E. gra. 1% 28% 54% 58% 61% 65% 66% 74% 74% 75% 78%                                       | C. pro. 1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 99% 100%  | N. ama.  0%  8%  32%  54%  63%  67%  71%  76%  76%  77%   | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  40%  44%  | 95%  A. mex.  11%  51%  66%  69%  71%  72%  81%  81%  82%  89%  98%  100%   | M. con.  0%  8%  31%  52%  53%  59%  62%  58%  61%  62%  63%  65%  | L. meg.<br>0%<br>1%<br>14%<br>29%<br>63%<br>79%<br>83%<br>89%<br>94%<br>96%<br>98%<br>98%<br>98% | M. sal.  0%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%   | 97%  C. cya.  0%  9%  44%  57%  65%  68%  72%  75%  74%  72%  |
| 10 15 20 25 30 35 40 45 50 65 60 65   | 89%  OT 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%   | 105%  Total E. gra. 1% 28% 54% 588 61% 65% 66% 66% 74% 74% 75% 78%                                   | C. pro. 1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 799% 83% 83% 90% 99% 100%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  76%  77%  77%  75%  | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  40%  44%  45%   | 95%  A. mex. 11% 51% 66% 69% 71% 72% 81% 81% 82% 89% 98% 100% 100%  | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  61%  62%  63%  65%  65%   | E. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%                           | M. sal.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  | 75%  C. cya.  0%  9%  44%  57%  65%  68%  72%  75%  74%  72%  71%  70%  |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70   | 89%  OT 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  | 105%  Total E. gra. 1% 28% 54% 588 61% 65% 66% 66% 74% 74% 75% 78% 78%                               | 106%  C. pro. 1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78% 78% 78%                                      | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 100% 100%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  77%  77%  75%  84%                                    | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%   | 95%  A. mex. 11% 51% 66% 69% 71% 72% 81% 81% 82% 89% 98% 100% 100% 99%  | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  64%  65%  65%  65%  | E. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%                      | M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98%  | 97%  C. cya. 0% 9% 44% 57% 65% 68% 72% 72% 75% 74% 70% 80%  |
| 10 15 20 25 30 35 40 45 50 65 60 65   | 89%  OT 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%   | 105%  Total E. gra. 1% 28% 54% 588 61% 65% 66% 66% 74% 74% 75% 78%                                   | C. pro. 1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 799% 83% 83% 90% 99% 100%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  76%  77%  77%  75%  | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  40%  44%  45%   | 95%  A. mex. 11% 51% 66% 69% 71% 72% 81% 81% 82% 89% 98% 100% 100%  | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  61%  62%  63%  65%  65%   | E. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%                           | M. sal.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  | 75%  C. cya.  0%  9%  44%  57%  65%  68%  72%  75%  74%  72%  71%  70%  |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65<br>70<br>75<br>80   | 89%  OT 0.75 - Riffle Min All  O%  O%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  | 105%  Total E. gra. 1% 28% 54% 588% 61% 65% 66% 66% 74% 75% 78% 78% 78% 78% 94%                      | C. pro. 1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78% 78% 79% 85%  | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 99% 100% 100% 99% 98%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  77%  77%  75%  84%  82%  81%                          | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  40%  44%  45%  50%  | 95%  A. mex.  11% 51% 669% 71% 72% 81% 81% 81% 8100 100% 99% 99% 99%  | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  62%  63%  65%  65%  65%  78%  79%   | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%       | M. sal.<br>0%<br>1%<br>14%<br>29%<br>63%<br>79%<br>83%<br>89%<br>94%<br>96%<br>98%<br>98%<br>98%<br>98%<br>98%<br>98% | 72%<br>72%<br>72%<br>72%<br>72%<br>72%<br>72%<br>72%<br>72%<br>72%  |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75   | 89%  2T 0.75 -Riffle Min All 0% 0% 0% 6% 16% 23% 26% 32% 32% 35% 38% 40% 44% 45% 50%  | 105%  Total E. gra. 1% 28% 54% 58% 61% 65% 66% 74% 75% 78% 78% 78% 85%                               | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78% 78% 78% 98%                                       | 95%  D. arg.  10%  51%  65%  69%  71%  71%  80%  79%  83%  83%  90%  100%  100%  100%  99%  98%  100%  | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  77%  77%  75%  84%  82%  81%  80%                     | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  40%  44%  45%  50%  54%  57%  66%   | 95%  A. mex.  11%  51%  66%  69%  71%  72%  81%  81%  81%  80%  99%  99%  | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  62%  65%  65%  65%  78%  79%  78%   | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98   | M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98%  | 72%<br>72%<br>72%<br>72%<br>72%<br>72%<br>75%<br>74%<br>72%<br>72%<br>75%<br>74%<br>72%<br>72%<br>71%<br>70%<br>80%<br>79%<br>78% |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85   | 89%  2T 0.75 -Riffle Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  34%  44%  45%  50%  54%  57%  66%   | 105%  Total E. gra. 1% 28% 54% 58% 61% 65% 66% 66% 74% 74% 75% 78% 78% 78% 94% 95%                   | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 75% 98% 99%   | 95%  D. arg.  10%  51%  65%  69%  71%  71%  80%  79%  83%  83%  90%  100%  100%  100%  100%  | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  77%  77%  75%  84%  82%  81%  80%  80%                | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  66%                                   | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 81% 8100 100% 99% 99% 100%  | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  64%  65%  65%  65%  78%  78%  78%   | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98   | M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98% 98% 98%  | 72%<br>72%<br>72%<br>72%<br>72%<br>74%<br>72%<br>75%<br>74%<br>72%<br>75%<br>74%<br>72%<br>72%<br>78%<br>78%<br>80%<br>78%        |
| 10 15 20 25 30 35 40 45 50 60 65 70 75 80 85 90   | 89%  2T 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  66%  | 105%  Total E. gra. 1% 28% 58% 61% 65% 66% 74% 74% 75% 78% 78% 78% 99%                               | C. pro.  1% 28% 55% 61% 65% 66% 67% 75% 75% 75% 78% 78% 78% 95% 96%                                   | 95%  D. arg.  10%  51%  65%  69%  71%  71%  80%  79%  83%  83%  90%  100%  100%  100%  99%  98%  100%  | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  77%  77%  75%  84%  82%  81%  80%                     | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  66%  66%                                    | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 81% 81% 98% 100% 100% 99% 99% 100% 99%  | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  62%  65%  65%  65%  78%  79%  78%   | 89%  L. meg.  0% 1% 144% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98      | 106%  M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98                           | 72%<br>72%<br>72%<br>72%<br>72%<br>72%<br>75%<br>74%<br>72%<br>72%<br>75%<br>74%<br>72%<br>72%<br>71%<br>70%<br>80%<br>79%<br>78% |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95   | 89%  2T 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  66%  75%  77%                                  | 105%  Total E. gra. 1% 28% 54% 558% 61% 65% 66% 74% 74% 75% 78% 78% 78% 98% 99%                      | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78% 78% 99% 99% 99%                                   | 95%  D. arg.  10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 100% 100% 100% 99% 99% 99%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  76%  77%  77%  75%  84%  82%  81%  80%  80%  80%                | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  66%  75%  77%                          | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 82% 89% 98% 100% 100% 99% 99% 99% 97%   | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  68%  65%  65%  65%  78%  78%  78%  78%  88%                                     | 89%  L. meg.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98       | 106%  M. sal.  0%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98                           | 72% 72% 72% 72% 72% 72% 74% 72% 75% 74% 72% 78% 80% 80%   |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100                            | 89%  2T 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  66%  75%   | 105%  Total E. gra. 1% 28% 54% 588% 61% 65% 66% 74% 75% 78% 78% 78% 98% 99%                          | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78% 78% 99% 99% 99% 100%                              | 95%  D. arg.  10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 100% 100% 99% 100% 99%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  76%  77%  77%  75%  84%  82%  81%  80%  80%                     | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  75%  77%  91%                          | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 82% 89% 98% 100% 100% 99% 99% 99% 97% 87%   | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  68%  65%  65%  65%  78%  78%  78%  88%  | 89%  L. meg.  0% 1% 144% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98      | 106%  M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98                           | 72%<br>72%<br>72%<br>72%<br>72%<br>74%<br>72%<br>74%<br>72%<br>74%<br>72%<br>74%<br>72%<br>78%<br>78%<br>80%                      |
| 400<br>500<br>Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                     | 89%  OT 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  66%  75%  66%  77%  87%                                  | 105%  Total E. gra. 1% 28% 54% 54% 66% 66% 74% 74% 75% 78% 78% 78% 98% 99% 100%                      | C. pro.  1% 28% 58% 61% 65% 65% 75% 75% 75% 78% 79% 85% 99% 99% 99% 100% 99%                          | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 99% 100% 100% 100% 99% 99% 99% 95% 92%  | N. ama.  0%  8%  32%  54%  63%  67%  71%  76%  77%  77%  75%  84%  82%  81%  80%  80%  80%  99%           | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  35%  38%  40%  44%  50%  54%  57%  66%  75%  77%  91%  100%                         | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 82% 89% 98% 100% 99% 100% 99% 99% 97% 87% 85%                                     | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  68%  65%  65%  65%  78%  78%  78%  88%  | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98   | M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98                                 | 72% 72% 72% 72% 72% 74% 72% 75% 80% 78% 80% 79% 80% 99% 100%  |
| 100 155 100 155 100 125 150 100 100 100 100 100 100 100 100 10  | 89%  OT 0.75 -Riffle  Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  40%  44%  45%  50%  54%  57%  66%  75%  77%  87%  88%                                  | 105%  Total E. gra. 1% 28% 54% 58% 61% 65% 66% 74% 74% 75% 78% 78% 98% 99% 100% 99%                  | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78% 78% 99% 99% 99% 100%                              | 95%  D. arg.  10%  51%  65%  69%  71%  71%  80%  79%  83%  83%  90%  90%  100%  100%  100%  99%  99%   | N. ama.  0%  8%  32%  54%  63%  67%  71%  76%  77%  77%  75%  84%  82%  81%  80%  80%  80%  95%           | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  75%  77%  91%                          | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 82% 89% 98% 100% 100% 99% 99% 99% 97% 87%   | M. con.  0%  8%  31%  52%  53%  59%  62%  58%  61%  62%  63%  65%  78%  78%  78%  78%  88%  100%                               | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98   | M. sal.  0% 1% 14% 29% 63% 79% 83% 89% 94% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98                                 | 72% 72% 72% 72% 72% 74% 72% 75% 80% 78% 80% 80% 80% 99%   |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175  | 89%  2T 0.75 -Riffle Min All 0% 0% 6% 16% 23% 26% 32% 32% 35% 35% 35% 40% 44% 45% 50% 54% 57% 66% 66% 75% 77% 87% 85%   | 105%  Total E. gra. 1% 28% 54% 588 61% 65% 66% 66% 74% 74% 75% 78% 78% 78% 99% 100% 99% 95%          | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 75% 78% 79% 85% 99% 99% 99% 99% 99%                   | 95%  D. arg.  10% 51% 65% 69% 71% 71% 80% 79% 83% 90% 99% 100% 100% 100% 99% 98% 100% 99% 98% 100% 99% 98% 100%  | N. ama.  0%  8% 32% 54% 63% 67% 71% 73% 76% 76% 77% 75% 84% 82% 81% 80% 80% 80% 99% 100%                  | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  66%  75%  77%  91%  100%  100%    | 95%  A. mex.  11%  51% 66% 69%  71% 72% 81% 81% 81% 80% 99% 99% 99% 99% 99% 99% 100% 99% 99% 99% 100% 99% 99% 100% 99% 99% 100% | 118%  M. con.  0%  8%  31%  52%  53%  59%  62%  59%  61%  62%  65%  65%  78%  78%  78%  78%  78%  80%  88%  100%  98%          | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98   | 106%  M. sal.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98                       | 72% 72% 72% 72% 72% 72% 74% 72% 72% 78% 78% 80% 79% 80% 80% 80% 80% 99% 100%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200              | 89%  20 0.75 - Riffle Min All 0% 0% 0% 6% 16% 23% 26% 32% 32% 35% 38% 40% 44% 45% 50% 54% 57% 66% 75% 66% 77% 87% 85% 71%                                       | 105%  Total E. gra. 1% 28% 54% 588% 61% 65% 66% 66% 74% 74% 75% 78% 78% 78% 99% 100% 99% 95% 96%     | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78% 78% 79% 85% 99% 99% 99% 99% 99% 99% 99% 99% 99% 9 | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 100% 100% 100% 99% 98% 100% 100% 99% 98% 100% 100% 99% 98% 100% 100%                              | N. ama.  0%  8% 32% 54% 63% 67% 71% 73% 76% 77% 75% 84% 82% 81% 80% 80% 80% 95% 99% 100% 99%              | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  66%  75%  100%  100%  109%  96%       | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 81% 819% 99% 100% 100% 99% 99% 100% 99% 99% 107% 87% 85% 71% 66%                  | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  62%  65%  65%  65%  65%  78%  78%  78%  80%  88%  100%  98%  97%  93%           | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98   | 106%  M. sal.  0%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98                           | 72% 72% 72% 72% 72% 75% 80% 72% 72% 75% 80% 99% 100% 100% 96%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>67<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250 | 89%  20 0.75 -Riffle Min All  0%  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  66%  75%  77%  87%  87%  85%  71%  66%  73% | 105%  Total E. gra. 1% 28% 54% 588% 61% 65% 66% 66% 74% 74% 75% 78% 78% 98% 99% 100% 99% 99% 96% 98% | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 78% 78% 79% 85% 99% 99% 99% 99% 99% 99% 99% 99%       | 95%  D. arg.  10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 99% 100% 100% 100% 99% 98% 100% 99% 98% 100% 99% 98% 100% 99% 98% 100% 99% 98% 100% 99% 98% 100% | N. ama.  0%  8% 32% 54% 63% 67% 71% 73% 76% 77% 75% 84% 82% 81% 80% 80% 80% 95% 99% 100% 99%              | 117%  I. lup.  0%  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  57%  66%  75%  91%  100%  100%  109%        | 95%  A. mex.  11% 51% 66% 69% 71% 72% 81% 81% 81% 819% 99% 100% 100% 99% 99% 99% 100% 99% 97% 87% 85% 71% 66% 73%               | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  62%  63%  65%  65%  78%  78%  78%  78%  78%  80%  88%  100%  98%  97%           | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98   | 106%  M. sal.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98                       | 72% 72% 72% 72% 72% 75% 80% 72% 71% 70% 80% 79% 78% 82% 80% 80% 99% 100% 100% 96% 85%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300            | 89%  2T 0.75 -Riffle Min All  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  77%  66%  77%  87%  85%  71%  66%  73%  53%               | 105%  Total E. gra. 1% 28% 54% 58% 61% 65% 66% 66% 74% 74% 75% 78% 78% 98% 99% 100% 99% 95% 96% 99%  | C. pro.  1% 28% 55% 58% 61% 65% 66% 67% 75% 75% 75% 78% 78% 99% 99% 99% 99% 99% 100% 99% 99% 99% 100% | 95%  D. arg. 10% 51% 65% 69% 71% 71% 80% 79% 83% 83% 90% 100% 100% 100% 99% 98% 100% 100% 99% 98% 100% 100% 99% 98% 86%                                    | N. ama.  0%  8%  32%  54%  63%  67%  71%  73%  76%  77%  75%  84%  82%  81%  80%  80%  80%  99%  99%  99% | 117%  I. lup.  0%  0%  6%  16%  23%  26%  32%  32%  35%  38%  40%  44%  45%  50%  54%  77%  66%  66%  75%  100%  100%  100%  109%  96% | 95%  A. mex.  11% 51% 66% 69% 719% 81% 81% 81% 81% 82% 89% 100% 100% 99% 99% 100% 99% 97% 85% 71% 66% 73% 74%                   | M. con.  0%  8%  31%  52%  53%  59%  62%  59%  62%  65%  65%  65%  65%  78%  78%  78%  83%  80%  88%  100%  98%  97%  93%  90% | 89%  L. meg.  0%  1%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98   | 106%  M. sal.  0%  14%  29%  63%  79%  83%  89%  94%  96%  98%  98%  98%  98%  98%  98%  98                           | 72% 72% 72% 72% 72% 75% 80% 72% 72% 75% 74% 72% 71% 70% 80% 80% 79% 78% 82% 80% 80% 99% 100% 100% 96% 85%                         |

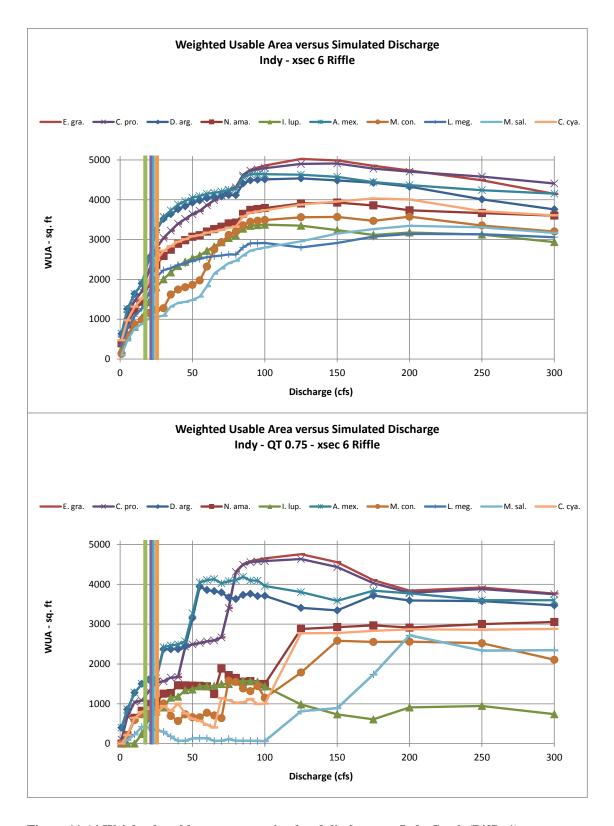


Figure 11-14 Weighted usable area versus simulated discharge at Indy Creek (Riffle 1).

Table 11-14 Percent of maximum WUA versus simulated discharge at Indy Creek (Riffle 1).

| Indy - x  | sec 6 Riffle   |  |   |   |   |  |   |  |  |   |   |
|---|--|--|---|---|---|--|---|--|--|---|---|
| á   | Min All  | E. gra.  | C. pro.   | D. arg.   | N. ama.   | I. lup.  | A. mex.   | M. con.  | L. meg.  | M. sal.   | C. cya.   |
| 1   | 3%   | 10%  | 10%   | 14%   | 10%   | 7%   | 14%   | 4%   | 12%  | 3%  | 12%   |
| 5   | 14%  | 22%  | 22%   | 28%   | 22%   | 18%  | 27%   | 17%  | 25%  | 14%   | 24%   |
| 10  | 23%  | 29%  | 30%   | 36%   | 31%   | 24%  | 35%   | 25%  | 35%  | 23%   | 33%   |
| 15  | 27%  | 34%  | 35%   | 42%   | 37%   | 31%  | 41%   | 28%  | 41%  | 27%   | 38%   |
| 20  | 31%  | 44%  | 45%   | 56%   | 48%   | 42%  | 55%   | 32%  | 54%  | 31%   | 49%   |
| 25  | 33%  | 55%  | 57%   | 71%   | 60%   | 53%  | 70%   | 35%  | 67%  | 33%   | 62%   |
| 30  | 33%  | 61%  | 62%   | 78%   | 66%   | 59%  | 77%   | 36%  | 73%  | 33%   | 67%   |
| 35  | 40%  | 64%  | 66%   | 80%   | 70%   | 65%  | 80%   | 45%  | 74%  | 40%   | 70%   |
| 40  | 43%  | 68%  | 69%   | 83%   | 74%   | 69%  | 84%   | 49%  | 77%  | 43%   | 73%   |
| 45  | 44%  | 70%  | 72%   | 85%   | 76%   | 72%  | 85%   | 51%  | 78%  | 44%   | 75%   |
| 50  | 46%  | 72%  | 74%   | 87%   | 78%   | 75%  | 87%   | 52%  | 80%  | 46%   | 76%   |
| 55  | 48%  | 74%  | 76%   | 88%   | 79%   | 77%  | 88%   | 55%  | 82%  | 48%   | 77%   |
| 60  | 56%  | 77%  | 79%   | 89%   | 81%   | 81%  | 89%   | 65%  | 83%  | 56%   | 79%   |
| 65  | 66%  | 79%  | 81%   | 90%   | 83%   | 84%  | 90%   | 77%  | 84%  | 66%   | 79%   |
| 70  | 70%  | 82%  | 84%   | 90%   | 85%   | 87%  | 91%   | 82%  | 85%  | 70%   | 80%   |
| 75  | 74%  | 84%  | 86%   | 91%   | 87%   | 90%  | 92%   | 87%  | 86%  | 74%   | 82%   |
| 80  | 76%  | 86%  | 88%   | 91%   | 87%   | 92%  | 92%   | 90%  | 85%  | 76%   | 83%   |
| 85  | 80%  | 92%  | 94%   | 97%   | 93%   | 97%  | 98%   | 94%  | 91%  | 80%   | 89%   |
| 90  | 83%  | 95%  | 96%   | 99%   | 95%   | 99%  | 100%  | 97%  | 95%  | 83%   | 91%   |
| 95  | 85%  | 95%  | 96%   |   | 96%   | 100%   | 100%  | 97%  | 95%  |   | 91%   |
|   |  |  |   | 99%   |   |  |   |  |  | 85%<br>86%  |   |
| 100<br>125  | 86%<br>91%   | 97%<br>100%  | 98%<br>100%   | 99%<br>100%   | 96%<br>99%  | 100%<br>99%  | 100%<br>100%  | 98%<br>100%  | 95%<br>91%   | 86%<br>91%  | 93%<br>96%  |
| 150   | 95%  | 99%  | 100%  | 99%   | 100%  | 96%  | 99%   | 100%   | 95%  | 97%   | 98%   |
| 175   | 92%  | 97%  | 97%   | 98%   | 98%   | 92%  | 96%   | 97%  | 100%   | 100%  | 100%  |
| 200   | 94%  | 94%  | 96%   | 95%   | 95%   | 94%  | 94%   | 100%   | 100%   | 100%  | 99%   |
| 250   | 88%  | 89%  | 93%   | 88%   | 93%   | 93%  | 91%   | 94%  | 102%   | 101%  | 92%   |
| 300   | 83%  | 83%  | 90%   | 83%   | 92%   | 87%  | 89%   | 90%  | 102%   | 97%   | 90%   |
| 350   | 79%  | 79%  | 85%   | 79%   | 88%   | 98%  | 86%   | 89%  | 93%  | 89%   | 79%   |
| 400   | 79%  | 75%<br>75%   | 81%   | 76%   | 84%   | 104%   | 84%   | 89%  | 84%  | 80%   | 79%   |
| 500   | 59%  | 72%  | 74%   | 61%   | 80%   | 102%   | 76%   | 74%  | 59%  | 63%   | 63%   |
|   | QT 0.75 - xsec   |  |   | 0170  | 80%   | 102/6  | 70%   | 74%  | 39%  | 03%   |   |
| Indy - C  | QT 0.75 - xsec (<br>Min All  | 6 Riffle<br>E. gra.  | C. pro.   | D. arg.   | N. ama.   | I. lup.  | A. mex.   | M. con.  | L. meg.  | M. sal.   | C. cya.   |
| Indy - C  | QT 0.75 - xsec (<br>Min All<br>0%  | 6 Riffle<br>E. gra.<br>2%  | C. pro.<br>2%   | D. arg.<br>10%  | N. ama.<br>0%   | I. lup.<br>0%  | A. mex.<br>10%  | M. con.<br>0%  | L. meg.<br>0%  | M. sal.<br>0%   | C. cya.<br>0%   |
| Indy - C<br>Q<br>1<br>5   | QT 0.75 - xsec (<br>Min All  | 6 Riffle<br>E. gra.<br>2%<br>14%   | C. pro.<br>2%<br>15%  | D. arg.<br>10%<br>22%   | N. ama.<br>0%<br>7%   | I. lup.  | A. mex.<br>10%<br>21%   | M. con.<br>0%<br>8%  | L. meg.<br>0%<br>5%  | M. sal.<br>0%<br>5%   | C. cya.<br>0%<br>8%   |
| Indy - C<br>Q<br>1<br>5   | 0T 0.75 - xsec (<br>Min All<br>0%<br>0%<br>0%  | 6 Riffle<br>E. gra.<br>2%<br>14%<br>22%  | C. pro.<br>2%<br>15%<br>23%   | D. arg.<br>10%<br>22%<br>32%  | N. ama.<br>0%<br>7%<br>22%  | I. lup.<br>0%<br>0%<br>0%  | A. mex.<br>10%<br>21%<br>31%  | M. con.<br>0%<br>8%<br>23%   | L. meg.<br>0%<br>5%<br>13%   | M. sal.<br>0%<br>5%<br>13%  | C. cya.<br>0%<br>8%<br>23%  |
| Indy - C<br>Q<br>1<br>5<br>10   | 0T 0.75 - xsec (<br>Min All<br>0%<br>0%<br>0%<br>15%   | 6 Riffle E. gra. 2% 14% 22% 23%  | C. pro.<br>2%<br>15%<br>23%<br>23%  | D. arg.<br>10%<br>22%<br>32%<br>38%   | N. ama.<br>0%<br>7%<br>22%<br>28%   | I. lup.<br>0%<br>0%<br>0%<br>15%   | A. mex.<br>10%<br>21%<br>31%<br>36%   | M. con.<br>0%<br>8%<br>23%<br>28%  | L. meg.<br>0%<br>5%<br>13%<br>24%  | M. sal.<br>0%<br>5%<br>13%<br>24%   | C. cya.<br>0%<br>8%<br>23%<br>28%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15   | 07 0.75 - xsec (<br>Min All 0% 0% 0% 0% 15% 23%  | 6 Riffle E. gra. 2% 14% 22% 23% 28%  | C. pro.<br>2%<br>15%<br>23%<br>23%<br>28%   | D. arg.<br>10%<br>22%<br>32%<br>38%<br>41%  | N. ama.<br>0%<br>7%<br>22%<br>28%<br>34%  | 1. lup.<br>0%<br>0%<br>0%<br>15%<br>40%  | A. mex.<br>10%<br>21%<br>31%<br>36%<br>38%  | M. con.<br>0%<br>8%<br>23%<br>28%<br>29%   | L. meg.<br>0%<br>5%<br>13%<br>24%<br>23%   | M. sal.<br>0%<br>5%<br>13%<br>24%   | C. cya.<br>0%<br>8%<br>23%<br>28%<br>32%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   | 07 0.75 - xsec ( Min All 0% 0% 0% 15% 23% 20%  | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32%  | C. pro.<br>2%<br>15%<br>23%<br>23%<br>28%<br>33%  | D. arg.<br>10%<br>22%<br>32%<br>38%<br>41%  | N. ama.<br>0%<br>7%<br>22%<br>28%<br>34%<br>35%   | I. lup.<br>0%<br>0%<br>0%<br>15%<br>40%  | A. mex.<br>10%<br>21%<br>31%<br>36%<br>38%<br>39%   | M. con.<br>0%<br>8%<br>23%<br>28%<br>29%<br>32%  | L. meg.<br>0%<br>5%<br>13%<br>24%<br>23%   | M. sal.<br>0%<br>5%<br>13%<br>24%<br>23%  | C. cya.<br>0%<br>8%<br>23%<br>28%<br>32%<br>27%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | 07 0.75 - xsec t<br>Min All<br>0%<br>0%<br>0%<br>15%<br>23%<br>20%<br>17%                                    | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 33%  | C. pro.<br>2%<br>15%<br>23%<br>23%<br>28%<br>33%<br>34%   | D. arg.<br>10%<br>22%<br>32%<br>38%<br>41%<br>41%   | N. ama.<br>0%<br>7%<br>22%<br>28%<br>34%<br>35%<br>42%  | I. lup.<br>0%<br>0%<br>0%<br>15%<br>40%<br>51%   | A. mex.<br>10%<br>21%<br>31%<br>36%<br>38%<br>39%   | M. con.<br>0%<br>8%<br>23%<br>28%<br>29%<br>32%<br>39%   | L. meg.<br>0%<br>5%<br>13%<br>24%<br>23%<br>20%<br>17%                             | M. sal.<br>0%<br>5%<br>13%<br>24%<br>23%<br>20%                                   | C. cya.<br>0%<br>8%<br>23%<br>28%<br>32%<br>27%<br>33%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   | 07 0.75 - xsec ( Min All 0% 0% 0% 15% 23% 20%  | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32%  | C. pro.<br>2%<br>15%<br>23%<br>23%<br>28%<br>33%  | D. arg.<br>10%<br>22%<br>32%<br>38%<br>41%  | N. ama.<br>0%<br>7%<br>22%<br>28%<br>34%<br>35%   | I. lup.<br>0%<br>0%<br>0%<br>15%<br>40%  | A. mex.<br>10%<br>21%<br>31%<br>36%<br>38%<br>39%   | M. con.<br>0%<br>8%<br>23%<br>28%<br>29%<br>32%  | L. meg.<br>0%<br>5%<br>13%<br>24%<br>23%   | M. sal.<br>0%<br>5%<br>13%<br>24%<br>23%  | C. cya.<br>0%<br>8%<br>23%<br>28%<br>32%<br>27%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | 07 0.75 - xsec t<br>Min All<br>0%<br>0%<br>0%<br>15%<br>23%<br>20%<br>17%<br>10%                             | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 33% 35%  | C. pro.<br>2%<br>15%<br>23%<br>23%<br>28%<br>33%<br>34%<br>36%  | D. arg.<br>10%<br>22%<br>32%<br>38%<br>41%<br>41%<br>60%<br>60%   | N. ama.<br>0%<br>7%<br>22%<br>28%<br>34%<br>35%<br>42%<br>43%   | I. lup.<br>0%<br>0%<br>0%<br>15%<br>40%<br>51%<br>58%<br>73%   | A. mex.<br>10%<br>21%<br>31%<br>36%<br>38%<br>39%<br>58%<br>59%   | M. con.<br>0%<br>8%<br>23%<br>28%<br>29%<br>32%<br>39%<br>27%  | L. meg.<br>0%<br>5%<br>13%<br>24%<br>23%<br>20%<br>17%<br>10%                      | M. sal.<br>0%<br>5%<br>13%<br>24%<br>23%<br>20%<br>17%<br>10%                     | C. cya.<br>0%<br>8%<br>23%<br>28%<br>32%<br>27%<br>33%<br>29%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | 2T 0.75 - xsec of Min All 0% 0% 0% 15% 23% 20% 17% 10% 4%  | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 33% 35% 35%  | C. pro.<br>2%<br>15%<br>23%<br>23%<br>28%<br>33%<br>34%<br>36%<br>36%   | D. arg.<br>10%<br>22%<br>32%<br>38%<br>41%<br>41%<br>60%<br>60%   | N. ama.<br>0%<br>7%<br>22%<br>28%<br>34%<br>35%<br>42%<br>43%<br>49%  | 1. lup.<br>0%<br>0%<br>0%<br>15%<br>40%<br>51%<br>58%<br>73%<br>75%  | A. mex.<br>10%<br>21%<br>31%<br>36%<br>38%<br>39%<br>58%<br>59%<br>59%                                    | M. con.<br>0%<br>8%<br>23%<br>28%<br>29%<br>32%<br>39%<br>27%<br>22%   | L. meg.<br>0%<br>5%<br>13%<br>24%<br>23%<br>20%<br>17%<br>10%<br>4%                | M. sal.<br>0%<br>5%<br>13%<br>24%<br>23%<br>20%<br>17%<br>10%<br>4%               | C. cya.<br>0%<br>8%<br>23%<br>28%<br>32%<br>27%<br>33%<br>29%<br>35%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | 2T 0.75 - xsec of Min All 0% 0% 0% 15% 23% 20% 17% 10% 4% 4%   | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 33% 35% 35%  | C. pro.<br>2%<br>15%<br>23%<br>23%<br>28%<br>33%<br>34%<br>36%<br>36%<br>53%  | D. arg.<br>10%<br>22%<br>32%<br>38%<br>41%<br>41%<br>60%<br>60%<br>60%<br>62%                                   | N. ama.<br>0%<br>7%<br>22%<br>28%<br>34%<br>35%<br>42%<br>43%<br>49%<br>49%   | I. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%   | A. mex.<br>10%<br>21%<br>31%<br>36%<br>38%<br>39%<br>58%<br>59%<br>61%                                    | M. con.<br>0%<br>8%<br>23%<br>28%<br>29%<br>32%<br>39%<br>27%<br>22%<br>28%  | L. meg.<br>0%<br>5%<br>13%<br>24%<br>23%<br>20%<br>17%<br>10%<br>4%<br>4%          | M. sal. 0% 5% 13% 24% 23% 20% 17% 10% 4%  | C. cya.<br>0%<br>8%<br>23%<br>28%<br>32%<br>27%<br>33%<br>29%<br>35%<br>27%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 8%   | 6 Riffle E. gra. 2% 14% 22% 23% 23% 38% 32% 35% 35% 51% 52%  | C. pro. 2% 15% 23% 23% 23% 34% 36% 36% 53%  | D. arg. 10% 22% 32% 38% 41% 60% 60% 62% 80%   | N. ama.<br>0%<br>7%<br>22%<br>28%<br>34%<br>35%<br>42%<br>43%<br>49%<br>49%   | I. lup.  0%  0%  0%  15%  40%  51%  58%  75%  86%  87%   | A. mex. 10% 21% 31% 36% 38% 39% 58% 59% 61% 78%   | M. con. 0% 8% 23% 28% 29% 32% 39% 27% 22% 28% 26%  | L. meg.<br>0%<br>5%<br>13%<br>24%<br>23%<br>20%<br>17%<br>10%<br>4%<br>4%<br>8%    | M. sal. 0% 5% 13% 24% 23% 20% 17% 10% 4% 4%                                       | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  22%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | 27 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 8% 8%  | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 35% 51% 52% 53%  | C. pro. 2% 15% 23% 23% 28% 33% 34% 36% 36% 53% 54% 55%  | D. arg. 10% 22% 32% 38% 41% 60% 60% 60% 62% 80% 100%  | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%   | I. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%   | A. mex. 10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97%   | M. con. 0% 8% 23% 28% 29% 32% 32% 27% 22% 28% 26% 26%  | L. meg.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  8%  8%                      | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  8%  8%                     | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  22%  20%   |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 55 60   | 27 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 8% 8% 8% 8%                                  | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 35% 51% 52% 53% 54%  | C. pro. 2% 15% 23% 23% 28% 33% 34% 36% 36% 53% 54% 55%  | D. arg. 10% 22% 32% 38% 41% 60% 60% 60% 62% 80% 100% 98%  | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%  48%  | I. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%   | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98%  | M. con. 0% 8% 23% 28% 29% 32% 32% 27% 22% 28% 26% 26% 30%  | L. meg.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 8% 8%                                 | M. sal.  0% 5% 13% 24% 23% 20% 17% 10% 4% 8% 8%                                   | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  20%  17%   |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65  | 20 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 8% 8% 8% 8% 4%                               | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 35% 51% 52% 53% 54%  | C. pro. 2% 15% 23% 23% 28% 33% 34% 36% 36% 55% 55% 55%  | D. arg. 10% 22% 32% 38% 41% 41% 60% 60% 60% 62% 80% 100% 98% 97%  | N. ama.  0%  7%  22%  28%  34%  35%  42%  49%  49%  49%  49%  49%  48%  42%   | I. lup.  0%  0%  0%  15%  40%  51%  51%  73%  75%  86%  87%  92%  92%  | A. mex.  10% 21% 31% 36% 38% 39% 59% 61% 78% 97% 98%  | M. con.  0%  8%  23%  28%  29%  32%  32%  27%  26%  26%  30%  27%  | L. meg.  0% 5% 13% 24% 23% 20% 17% 40% 4% 8% 8% 8% 8%                              | M. sal.  0% 5% 13% 24% 23% 20% 17% 4% 4% 8% 8% 8% 4%                              | C. cya.  0% 8% 23% 28% 32% 27% 33% 29% 35% 22% 20% 17% 14%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70   | 27 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 8% 8% 8% 4% 4% 4%                            | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 51% 52% 53% 54% 54% 56%  | C. pro.  2%  15%  23%  23%  28%  33%  34%  36%  36%  55%  55%  56%  58%   | D. arg. 10% 22% 32% 38% 41% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96%  | N. ama.  0%  7%  22%  28%  34%  35%  42%  49%  49%  49%  49%  49%  48%  42%  64%  | I. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  95%   | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 99%  | M. con.  0%  8%  23%  28%  29%  32%  32%  22%  26%  26%  26%  30%  27%  25%  | L. meg.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 8% 8% 8% 4% 4%                        | M. sal.  0% 5% 13% 24% 23% 20% 17% 10% 4% 8% 8% 8% 4% 4%                          | C. cya.  0% 8% 23% 28% 32% 27% 33% 29% 35% 22% 20% 17% 14% 40%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75   | 27 0.75 - xsec of Min All 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 8% 8% 8% 4% 4% 7%                               | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 55% 55% 55% 54% 54% 56% 72%  | C. pro.  2%  15%  23%  23%  28%  34%  36%  36%  55%  55%  56%  58%  73%   | D. arg. 10% 22% 32% 38% 41% 41% 60% 60% 60% 60% 98% 97% 98% 97% 96%   | N. ama.  0%  7%  22%  28%  34%  35%  42%  49%  49%  49%  49%  48%  42%  64%  58%  | I. lup.  0%  0%  0%  15%  40%  51%  58%  75%  86%  87%  92%  92%  95%  95%   | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 99% 96% 97%  | M. con.  0%  8%  23%  28%  29%  32%  32%  26%  26%  26%  26%  26%  26  | L. meg.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 8% 8% 4% 4% 7%                        | M. sal.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 8% 8% 4% 4% 7%                       | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  20%  17%  14%  40%  38%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80   | 2T 0.75 - xsec of Min All 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 8% 8% 8% 4% 4% 7% 4%                            | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 35% 51% 52% 54% 54% 56% 72% 91%  | C. pro. 2% 15% 23% 23% 28% 33% 34% 36% 36% 55% 55% 55% 55% 58% 73% 93%  | D. arg. 10% 22% 32% 38% 41% 60% 60% 60% 60% 98% 99%   | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%  48%  56%   | 1. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  95%  100%   | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 99%  | M. con.  0%  8%  23%  28%  29%  32%  39%  27%  22%  26%  26%  30%  27%  25%  61%  60%  | L. meg.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  8%  8%  4%  4%  7%  4%      | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  8%  8%  4%  4%  7%  4%     | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  20%  17%  14%  40%  38%  36%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85   | 2T 0.75 - xsec of Min All 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 8% 8% 8% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 33% 35% 51% 52% 53% 54% 54% 56% 72% 91%  | C. pro. 2% 15% 23% 23% 28% 33% 34% 36% 53% 54% 55% 56% 58% 73% 93%  | D. arg. 10% 22% 32% 38% 41% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 93% 92%                                    | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%  49%  58%  56%  52%                                       | 1. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  95%  100%  100%   | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 99% 99% 100%                                     | M. con.  0%  8%  23%  28%  29%  32%  39%  27%  22%  28%  26%  26%  30%  27%  25%  61%  60%  54%  | L. meg.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  8%  8%  4%  4%  4%  4%      | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  8%  8%  4%  4%  4%  4%     | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  20%  17%  14%  40%  38%  36%  37%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90                                   | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%                      | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 35% 51% 52% 53% 54% 54% 56% 77% 91% 95%                                      | C. pro. 2% 15% 23% 23% 28% 33% 34% 36% 53% 54% 55% 56% 58% 73% 93% 97%  | D. arg. 10% 22% 32% 38% 41% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 93% 92% 95%                                | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%  56%  52%  53%  | 1. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  92%  95%  100%  100%  | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 100% 98%   | M. con.  0%  8%  23%  28%  29%  32%  32%  26%  26%  26%  26%  30%  27%  25%  61%  60%  54%  51%  | L. meg.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%          | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%         | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  20%  17%  14%  40%  38%  36%  37%  40%                                   |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95  | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%                | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 51% 52% 54% 54% 54% 56% 72% 91% 95% 96%                                      | C. pro. 2% 15% 23% 23% 23% 28% 33% 34% 36% 55% 56% 55% 56% 58% 73% 99%  | D. arg. 10% 22% 32% 38% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 95% 95% 94%                                    | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%  56%  52%  53%  50%                                       | I. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  92%  92%  90%  100%  100%  100%  99%                        | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 99% 91% 98% 90% 98% 100% 98%                             | M. con.  0%  8%  23%  28%  29%  32%  32%  26%  26%  26%  30%  27%  25%  61%  60%  54%  51%  56%  | L. meg.  0% 5% 13% 24% 23% 20% 17% 10% 4% 8% 8% 4% 4% 4% 4% 4% 4%                  | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%         | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  22%  20%  17%  40%  38%  36%  37%  40%  35%                              |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100  | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%             | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 51% 52% 53% 54% 54% 56% 72% 91% 95% 96% 97%                                  | C. pro. 2% 15% 23% 23% 23% 28% 33% 34% 36% 36% 55% 56% 58% 73% 99% 99%  | D. arg. 10% 22% 32% 38% 41% 41% 60% 60% 62% 80% 100% 98% 97% 96% 95% 94% 94%                                    | N. ama.  0%  7%  22%  28%  34%  35%  42%  49%  49%  49%  49%  56%  52%  53%  50%  | I. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  92%  91%  | A. mex. 10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 100% 98% 98% 94%                                  | M. con.  0%  8%  23%  28%  29%  32%  39%  27%  22%  28%  26%  30%  27%  25%  61%  60%  54%  51%  56%  44%                                | L. meg.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4%                  | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%  4%     | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  22%  20%  17%  14%  40%  38%  36%  37%  40%  35%  35%                    |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125  | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%             | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 35% 51% 52% 53% 54% 54% 56% 72% 91% 95% 96% 97% 98% 100%                     | C. pro.  2%  15%  23%  23%  28%  34%  36%  36%  55%  55%  55%  56%  73%  93%  97%  98%  99%  100%                               | D. arg. 10% 22% 32% 38% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 95% 94% 94% 87%                                | N. ama.  0%  7%  22%  28%  34%  35%  42%  49%  49%  49%  49%  49%  50%  50%  50%  97%                                       | I. lup.  0%  0%  0%  15%  40%  51%  58%  75%  86%  87%  92%  92%  91%  100%  100%  99%  91%  63%                                   | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 90% 96% 97% 98% 99% 94% 91%                      | M. con.  0%  8%  23%  28%  29%  32%  39%  27%  22%  28%  26%  26%  30%  27%  51%  60%  54%  51%  56%  44%                                | L. meg.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 47%        | M. sal.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%        | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  40%  36%  37%  40%  35%  98%   |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150  | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%             | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 35% 51% 52% 53% 54% 54% 56% 72% 91% 95% 96% 97% 98% 100%                     | C. pro.  2%  15%  23%  23%  28%  34%  36%  36%  55%  55%  55%  55%  99%  99%  100%  96%   | D. arg. 10% 22% 32% 38% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 93% 95% 94% 94% 87% 85%                        | N. ama.  0%  7%  22%  28%  34%  35%  42%  49%  49%  49%  49%  49%  50%  50%  50%  97%  99%                                  | I. lup.  0%  0%  0%  15%  40%  51%  58%  75%  86%  87%  92%  92%  92%  91%  100%  100%  100%  99%  91%  63%  47%                   | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 90% 96% 97% 98% 90% 91% 86%                      | M. con.  0%  8%  23%  28%  29%  32%  32%  27%  22%  28%  26%  26%  30%  27%  25%  61%  60%  54%  51%  56%  44%  69%  100%                | L. meg.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 47% 51%    | M. sal.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%     | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  40%  38%  36%  37%  40%  35%  35%  98%  98%                              |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175 | 27 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%             | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 51% 52% 53% 54% 54% 54% 91% 95% 96% 97% 98% 100% 96% 86%                     | C. pro.  2%  15%  23%  23%  28%  34%  36%  36%  55%  55%  55%  56%  58%  73%  93%  97%  98%  99%  100%  96%  87%                | D. arg. 10% 22% 32% 38% 41% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 93% 92% 95% 94% 95% 94% 87% 85%            | N. ama.  0%  7%  22%  28%  34%  35%  42%  49%  49%  49%  49%  58%  50%  50%  97%  99%  100%                                 | I. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  92%  91%  100%  100%  100%  99%  47%  39%                   | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 91% 98% 90% 91% 98% 94% 91% 86% 92%              | M. con.  0%  8%  23%  28%  29%  32%  32%  26%  26%  26%  26%  30%  27%  25%  61%  60%  54%  54%  55%  44%  69%  100%  99%                | L. meg.  0% 5% 13% 24% 23% 20%  17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 47% 51% 100% | M. sal.  0% 5% 13% 24% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%     | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  20%  17%  14%  40%  38%  36%  37%  40%  35%  98%  98%  100%                   |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200  | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%             | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 33% 35% 51% 52% 54% 54% 54% 56% 72% 91% 95% 96% 97% 98% 100% 96% 86% 81%             | C. pro.  2%  15% 23%  23%  28%  33%  34%  36%  36%  55%  55%  56%  58%  73%  93%  97%  98%  99%  100%  96%  87%  82%            | D. arg.  10% 22% 32% 38% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 93% 92% 95% 94% 94% 87% 88% 94% 91%           | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%  58%  50%  50%  50%  97%  99%  100%  98%                  | 1. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  92%  92%  91%  63%  47%  39%  58%                           | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 90% 91% 86% 91% 86% 92% 90%                      | M. con.  0%  8%  23%  28%  29%  32%  39%  27%  22%  28%  26%  26%  30%  27%  25%  61%  60%  54%  51%  56%  44%  69%  100%  99%           | L. meg.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%  4%  4%  | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%  4%  4% | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  20%  17%  14%  40%  38%  36%  37%  40%  35%  98%  98%  100%  101%        |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250  | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4%             | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 33% 35% 35% 51% 52% 53% 54% 54% 54% 56% 72% 91% 95% 96% 97% 98% 100% 96% 86% 81% 82% | C. pro.  2%  15% 23% 23% 28% 33% 34% 36% 55% 55% 55% 55% 56% 58% 73% 93% 97% 98% 99% 100% 96% 87% 82% 84%                       | D. arg.  10% 22% 32% 38% 41% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 93% 92% 95% 94% 94% 87% 887% 885% 94% 91% | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%  58%  50%  50%  50%  97%  99%  100%  98%  101%            | 1. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  92%  95%  100%  100%  100%  100%  100%  100%  58%  63%  63% | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 99% 96% 97% 98% 100% 98% 98% 94% 91% 86% 90% 86% | M. con.  0%  8%  23%  28%  29%  32%  39%  27%  22%  28%  26%  26%  26%  30%  27%  56%  44%  51%  56%  44%  59%  100%  99%  99%  98%      | L. meg.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%  4%  4%  | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%  4%  4% | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  20%  17%  14%  40%  38%  36%  37%  40%  35%  98%  98%  100%  101%        |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250 300  | 2T 0.75 - xsec of Min All 0% 0% 0% 0% 15% 23% 20% 17% 10% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 47% 47         | 6 Riffle E. gra. 2% 14% 22% 23% 28% 32% 35% 35% 51% 52% 53% 54% 54% 56% 72% 91% 95% 96% 97% 98% 100% 96% 88% 81% 82% 79%     | C. pro.  2%  15%  23%  23%  28%  33%  34%  36%  53%  54%  55%  56%  58%  73%  93%  97%  98%  99%  100%  96%  87%  82%  84%  81% | D. arg. 10% 22% 32% 38% 41% 41% 60% 60% 60% 62% 80% 100% 98% 97% 96% 93% 92% 95% 94% 94% 94% 85% 94% 91% 88%    | N. ama.  0%  7%  22%  28%  34%  35%  42%  43%  49%  49%  49%  49%  56%  52%  53%  50%  50%  97%  99%  100%  98%  101%  103% | I. lup.  0%  0%  0%  15%  40%  51%  58%  73%  75%  86%  87%  92%  92%  92%  95%  100%  100%  100%  100%  100%  100%  58%  60%  47% | A. mex.  10% 21% 31% 36% 38% 39% 58% 59% 61% 78% 97% 98% 100% 98% 94% 91% 86% 96% 86%                     | M. con.  0%  8%  23%  28%  29%  32%  32%  26%  26%  26%  26%  30%  27%  25%  61%  60%  54%  51%  56%  44%  69%  100%  99%  99%  98%  82% | L. meg.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%  4%  4%  | M. sal.  0%  5%  13%  24%  23%  20%  17%  10%  4%  4%  4%  4%  4%  4%  4%  4%  4% | C. cya.  0%  8%  23%  28%  32%  27%  33%  29%  35%  27%  20%  17%  14%  40%  38%  36%  37%  40%  35%  98%  100%  101%  101%  102% |

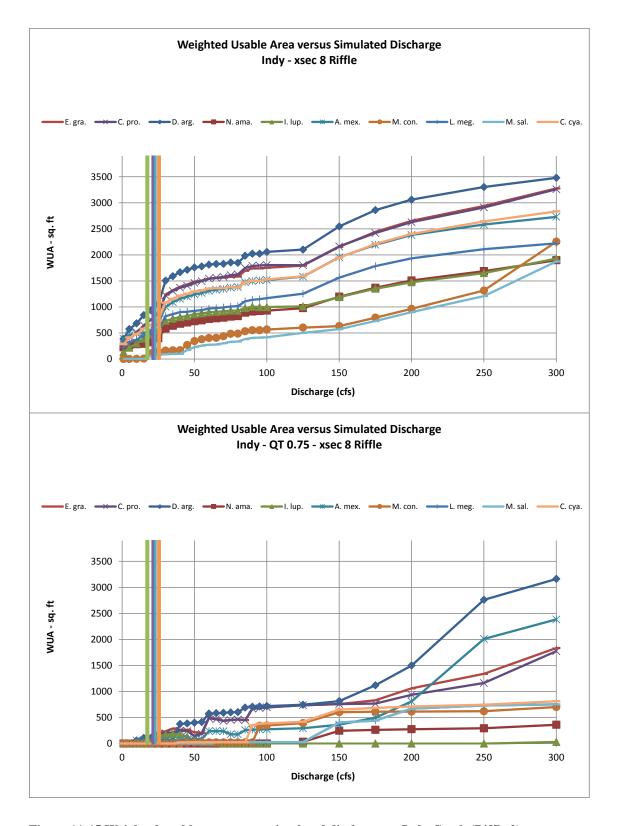


Figure 11-15 Weighted usable area versus simulated discharge at Indy Creek (Riffle 2).

Table 11-15 Percent of maximum WUA versus simulated discharge at Indy Creek (Riffle 2).

|  | sec 8 Riffle                                | F ===   | C  | D  | N. e   | 1.1  | Λ   | M  | 1   | N4   | C   |
|--|---|---|--|--|--|--|---|--|---|--|---|
| Q  | Min All                                     | E. gra.   | C. pro.  | D. arg.  | N. ama.  | I. lup.  | A. mex.   | M. con.  | L. meg.   | M. sal.  | C. cya.   |
| 1  | 0%  | 12%   | 12%  | 14%  | 16%  | 10%  | 18%   | 0%   | 13%   | 0%   | 13%   |
| 5<br>10  | 0%<br>0%                                    | 17%<br>21%  | 17%<br>21%   | 20%<br>24%   | 19%<br>21%   | 16%<br>22%   | 21%<br>22%  | 0%<br>1%   | 18%<br>21%  | 0%<br>0%   | 19%<br>22%  |
| 15   | 1%  | 26%   | 27%  | 29%  | 21%  | 29%  | 23%   | 1%   | 25%   | 1%   | 26%   |
| 20   | 9%  | 31%   | 31%  | 33%  | 23%  | 36%  | 25%   | 14%  | 28%   | 9%   | 30%   |
| 25   | 11%   | 36%   | 36%  | 37%  | 29%  | 41%  | 31%   | 18%  | 32%   | 11%  | 34%   |
| 30   | 13%   | 51%   | 51%  | 53%  | 43%  | 54%  | 46%   | 20%  | 46%   | 13%  | 49%   |
| 35   | 13%   | 54%   | 54%  | 56%  | 47%  | 57%  | 50%   | 21%  | 48%   | 13%  | 52%   |
| 40   | 14%   | 57%   | 57%  | 58%  | 49%  | 60%  | 53%   | 21%  | 50%   | 14%  | 55%   |
| 45   | 24%   | 59%   | 58%  | 60%  | 51%  | 61%  | 55%   | 34%  | 51%   | 24%  | 57%   |
| 50   | 32%   | 61%   | 60%  | 62%  | 53%  | 64%  | 57%   | 43%  | 52%   | 32%  | 59%   |
| 55   | 35%   | 62%   | 62%  | 62%  | 54%  | 65%  | 58%   | 48%  | 53%   | 35%  | 60%   |
| 60   | 38%   | 63%   | 64%  | 63%  | 56%  | 66%  | 60%   | 51%  | 54%   | 38%  | 61%   |
| 65   | 38%   | 64%   | 65%  | 64%  | 57%  | 67%  | 61%   | 51%  | 55%   | 38%  | 61%   |
| 70   | 42%   | 64%   | 65%  | 64%  | 58%  | 68%  | 61%   | 55%  | 55%   | 42%  | 61%   |
| 75   | 45%   | 65%   | 67%  | 65%  | 60%  | 69%  | 62%   | 61%  | 56%   | 45%  | 62%   |
| 80   | 46%   | 65%   | 67%  | 65%  | 60%  | 69%  | 63%   | 61%  | 57%   | 46%  | 62%   |
| 85   | 52%   | 69%   | 72%  | 69%  | 65%  | 73%  | 67%   | 67%  | 62%   | 52%  | 67%   |
| 90   | 55%   | 71%   | 74%  | 71%  | 67%  | 74%  | 68%   | 70%  | 64%   | 55%  | 68%   |
| 95   | 56%   | 71%   | 74%  | 71%  | 67%  | 74%  | 69%   | 70%  | 64%   | 56%  | 68%   |
| 100  | 57%   | 72%   | 75%  | 72%  | 68%  | 74%  | 69%   | 71%  | 66%   | 57%  | 69%   |
| 125  | 69%   | 74%   | 74%  | 74%  | 71%  | 75%  | 72%   | 76%  | 70%   | 69%  | 72%   |
| 150  | 79%   | 88%   | 89%  | 89%  | 87%  | 88%  | 89%   | 80%  | 88%   | 79%  | 88%   |
| 175  | 100%  | 100%  | 100%   | 100%   | 100%   | 100%   | 100%  | 100%   | 100%  | 100%   | 100%  |
| 200  | 107%  | 109%  | 109%   | 107%   | 110%   | 109%   | 109%  | 121%   | 108%  | 123%   | 109%  |
| 250  | 116%  | 120%  | 120%   | 116%   | 123%   | 122%   | 118%  | 166%   | 118%  | 166%   | 119%  |
| 300  | 122%  | 134%  | 135%   | 122%   | 139%   | 143%   | 125%  | 284%   | 124%  | 257%   | 128%  |
| 350<br>400   | 126%<br>128%                                | 144%<br>151%  | 146%<br>153%   | 126%<br>128%   | 151%<br>160%   | 160%<br>176%   | 130%<br>134%  | 329%<br>360%   | 129%<br>132%  | 292%<br>314%   | 134%<br>136%  |
| 500  | 130%  | 156%  | 161%   | 130%   | 172%   | 196%   | 134%  | 386%   | 138%  | 338%   | 137%  |
| ınay - C   | QT 0.75 - xsec                              | 8 Riffle  |  |  |  |  |   |  |   |  |   |
| Q  | Min All                                     | E. gra.   | C. pro.<br>0%  | D. arg.<br>0%  | N. ama.<br>0%  | I. lup.<br>0%  | A. mex.<br>0%   | M. con.<br>0%  | L. meg.<br>0%   | M. sal.<br>0%  | C. cya.   |
|  |   |   | C. pro.<br>0%<br>0%  | D. arg.<br>0%<br>0%  | N. ama.<br>0%<br>0%  | 1. lup.<br>0%<br>0%  | A. mex.<br>0%<br>0%   | M. con.<br>0%<br>0%  | L. meg.<br>0%<br>0%   | M. sal.<br>0%<br>0%  | C. cya.<br>0%<br>0%   |
| Q<br>1   | Min All<br>0%                               | E. gra.   | 0%   | 0%   | 0%   | 0%   | 0%  | 0%   | 0%  | 0%   | 0%  |
| Q<br>1<br>5  | Min All<br>0%<br>0%                         | E. gra.<br>0%<br>0%   | 0%<br>0%   | 0%<br>0%   | 0%<br>0%   | 0%<br>0%   | 0%<br>0%  | 0%<br>0%   | 0%<br>0%  | 0%<br>0%   | 0%<br>0%  |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>0%                   | E. gra.<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%   | 0%<br>0%<br>5%   | 0%<br>0%<br>0%   | 0%<br>0%<br>0%   | 0%<br>0%<br>12%   | 0%<br>0%<br>0%   | 0%<br>0%<br>0%  | 0%<br>0%<br>0%   | 0%<br>0%<br>0%  |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>0%<br>0%             | E. gra.<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>5%<br>10%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>12%<br>12%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%  |
| Q<br>1<br>5<br>10<br>15<br>20  | Min All 0% 0% 0% 0% 0%                      | E. gra.<br>0%<br>0%<br>0%<br>0%<br>2%   | 0%<br>0%<br>0%<br>0%<br>2%   | 0%<br>0%<br>5%<br>10%  | 0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>9%   | 0%<br>0%<br>12%<br>12%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25  | Min All 0% 0% 0% 0% 0% 0% 0%                | E. gra.  0%  0%  0%  0%  2%  26%  | 0%<br>0%<br>0%<br>0%<br>2%<br>24%  | 0%<br>0%<br>5%<br>10%<br>10%   | 0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>9%   | 0%<br>0%<br>12%<br>12%<br>12%   | 0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  28%  35%  32%   | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>26%<br>28%<br>32%   | 0%<br>0%<br>5%<br>10%<br>10%<br>8%<br>8%<br>5%<br>34%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                                     | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%  | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                                  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  28%  35%  32%   | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>26%<br>28%<br>32%<br>31%  | 0%<br>0%<br>5%<br>10%<br>10%<br>8%<br>8%<br>5%<br>34%<br>35%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                               | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%   | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%<br>13%<br>16%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                                  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  28%  35%  32%  32%  26%   | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>26%<br>28%<br>32%<br>31%<br>19%   | 0%<br>0%<br>5%<br>10%<br>10%<br>8%<br>8%<br>5%<br>34%<br>35%<br>36%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                         | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%  | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%<br>13%<br>16%<br>17%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                            | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%<br>4%  |
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| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  35%  32%  32%  26%  24%   | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>26%<br>28%<br>32%<br>31%<br>19%<br>25%  | 0%<br>0%<br>5%<br>10%<br>10%<br>8%<br>8%<br>5%<br>34%<br>35%<br>36%<br>37%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%             | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%<br>16%<br>14%                          | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%<br>13%<br>16%<br>17%<br>48%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>4%<br>4%  |
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| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  28%  35%  32%  26%  24%  59%  57%  53%  55%   | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>26%<br>28%<br>31%<br>19%<br>25%<br>64%<br>61%<br>57%<br>59%<br>60%  | 0% 0% 5% 10% 10% 8% 8% 5% 34% 35% 36% 37% 51% 52% 53% 54%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0% | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%<br>16%<br>14%<br>13%<br>0%<br>0%       | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%<br>13%<br>16%<br>17%<br>17%<br>48%<br>48%<br>48%<br>36%<br>36%               | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6%                                  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%  |
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| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  28%  32%  32%  32%  55%  54%  80%  82%  | 0%<br>0%<br>0%<br>0%<br>24%<br>26%<br>28%<br>32%<br>31%<br>19%<br>25%<br>64%<br>61%<br>59%<br>60%<br>59%<br>87%  | 0%<br>0%<br>0%<br>5%<br>10%<br>8%<br>8%<br>5%<br>34%<br>35%<br>36%<br>37%<br>51%<br>52%<br>54%<br>62%<br>63%<br>64%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%<br>16%<br>14%<br>0%<br>0%<br>0%        | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%<br>16%<br>17%<br>48%<br>48%<br>48%<br>48%<br>54%                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%                               | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6%                               | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%<br>6%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>51%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100                                    | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  28%  32%  32%  32%  59%  57%  53%  55%  56%  54%  80%  82%  83%                         | 0%<br>0%<br>0%<br>0%<br>24%<br>24%<br>28%<br>32%<br>31%<br>19%<br>25%<br>64%<br>61%<br>57%<br>59%<br>60%<br>59%<br>87%<br>89%                                | 0% 0% 5% 10% 10% 8% 8% 5% 34% 35% 36% 37% 51% 52% 53% 54% 64% 64%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%<br>16%<br>14%<br>0%<br>0%<br>0%        | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%<br>13%<br>16%<br>17%<br>48%<br>48%<br>48%<br>48%<br>55%                      | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>56%<br>57%                       | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6% 6%                            | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%<br>6%<br>6%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>51%<br>56%<br>57%                               |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  28%  32%  32%  32%  55%  54%  80%  82%  | 0%<br>0%<br>0%<br>0%<br>24%<br>26%<br>28%<br>32%<br>31%<br>19%<br>25%<br>64%<br>61%<br>59%<br>60%<br>59%<br>87%  | 0%<br>0%<br>0%<br>5%<br>10%<br>8%<br>8%<br>5%<br>34%<br>35%<br>36%<br>37%<br>51%<br>52%<br>54%<br>62%<br>63%<br>64%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%<br>16%<br>14%<br>13%<br>0%<br>0%<br>0% | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%<br>16%<br>17%<br>48%<br>48%<br>48%<br>48%<br>54%                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%                               | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6% 6% 6% 6% 6%                   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%<br>6%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>51%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                             | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  35%  32%  32%  32%  59%  57%  53%  55%  54%  80%  82%  83%  88%                         | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>28%<br>32%<br>31%<br>19%<br>25%<br>64%<br>61%<br>57%<br>59%<br>60%<br>599%<br>87%<br>89%<br>91%                         | 0% 0% 5% 10% 10% 8% 8% 54% 34% 35% 36% 37% 51% 52% 53% 64% 64% 64% 67%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%<br>16%<br>14%<br>0%<br>0%<br>0%        | 0%<br>0%<br>12%<br>12%<br>12%<br>12%<br>13%<br>13%<br>13%<br>16%<br>17%<br>48%<br>48%<br>48%<br>36%<br>36%<br>52%<br>54%<br>55% | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>56%<br>57%<br>64%          | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6% 6%                            | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%<br>6%<br>6%<br>6%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>51%<br>56%<br>57%<br>61%                              |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150                                  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  32%  32%  26%  24%  59%  57%  53%  55%  56%  54%  80%  82%  83%  88%  91%               | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>26%<br>32%<br>31%<br>19%<br>25%<br>64%<br>61%<br>57%<br>59%<br>60%<br>59%<br>87%<br>89%<br>91%                          | 0% 0% 5% 10% 10% 8% 8% 54% 34% 35% 36% 37% 51% 52% 53% 54% 64% 64% 67% 73%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%<br>16%<br>14%<br>0%<br>0%<br>0%<br>0%  | 0% 0% 12% 12% 12% 12% 13% 13% 13% 15% 17% 48% 48% 48% 55% 59% 73%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>56%<br>57%<br>64%    | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6% 6% 6% 6% 6% 7%                | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%                                     | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>51%<br>56%<br>57%<br>61%                              |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175                     | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  28%  28%  32%  32%  26%  24%  59%  57%  53%  56%  54%  80%  82%  83%  88%  91%  100%             | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>26%<br>32%<br>31%<br>19%<br>25%<br>64%<br>61%<br>57%<br>59%<br>60%<br>59%<br>87%<br>89%<br>91%<br>96%                   | 0% 0% 5% 10% 10% 8% 8% 54% 35% 36% 37% 51% 52% 53% 54% 64% 64% 64% 67% 73% 100%                                      | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0%<br>0%<br>0%<br>0%<br>9%<br>85%<br>91%<br>100%<br>92%<br>72%<br>29%<br>16%<br>14%<br>0%<br>0%<br>0%<br>0%  | 0% 0% 12% 12% 12% 12% 13% 13% 13% 16% 17% 48% 48% 48% 55% 55% 59% 73% 100%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4% | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6% 6% 6% 6% 6% 100%              | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%                         | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>51%<br>56%<br>57%<br>61%<br>95%                 |
| 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 150 175 200  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  28%  28%  32%  26%  24%  59%  57%  53%  55%  56%  54%  80%  82%  83%  88%  91%  100%  127%       | 0%<br>0%<br>0%<br>0%<br>2%<br>24%<br>26%<br>32%<br>31%<br>19%<br>25%<br>64%<br>61%<br>57%<br>59%<br>60%<br>87%<br>89%<br>91%<br>99%<br>100%<br>122%          | 0% 0% 5% 10% 10% 8% 8% 5% 34% 35% 36% 37% 51% 52% 53% 54% 64% 64% 64% 67% 73% 100% 134%                              | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0% 0% 0% 0% 0% 9% 85% 91% 100% 92% 72% 29% 16% 14% 0% 0% 0% 0% 0% 0% 0% 0%                                   | 0% 0% 12% 12% 12% 12% 13% 13% 13% 16% 17% 48% 48% 48% 55% 59% 73% 100% 163%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>100%           | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6% 6% 6% 6% 6% 100% 152%         | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>100%                 | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>51%<br>56%<br>57%<br>61%<br>95%<br>100%         |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250 | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  28%  28%  32%  26%  24%  59%  57%  53%  55%  56%  54%  80%  82%  83%  88%  91%  100%  127%  161% | 0%<br>0%<br>0%<br>0%<br>24%<br>26%<br>28%<br>31%<br>19%<br>25%<br>64%<br>61%<br>57%<br>59%<br>60%<br>87%<br>89%<br>91%<br>96%<br>99%<br>100%<br>122%<br>151% | 0% 0% 5% 10% 10% 8% 8% 5% 34% 35% 36% 37% 51% 52% 53% 54% 64% 64% 67% 73% 100% 134% 247%                             | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0% 0% 0% 0% 9% 85% 91% 100% 92% 72% 29% 16% 14% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%                                | 0% 0% 12% 12% 12% 12% 13% 13% 13% 16% 17% 48% 48% 48% 55% 59% 54% 55% 59% 73% 100% 163% 403%                                    | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>10%<br>100%<br>10    | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6% 6% 6% 6% 6% 100% 152% 166% | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>5%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>100%<br>152%<br>166% | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>51%<br>56%<br>57%<br>61%<br>95%<br>100%<br>104% |
| 1 5 10 15 20 25 25 20 25 80 85 90 95 100 125 200 250 300   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0% | E. gra.  0%  0%  0%  0%  2%  26%  28%  32%  32%  32%  55%  54%  59%  55%  54%  80%  82%  83%  81%  100%  127%  161%  220% | 0% 0% 0% 0% 0% 24% 26% 28% 31% 19% 25% 64% 61% 57% 59% 80% 59% 87% 89% 91% 96% 99% 100% 122% 151% 231%   | 0% 0% 5% 10% 10% 8% 8% 5% 34% 35% 36% 37% 51% 52% 63% 64% 64% 64% 67% 73% 100% 134% 247% 282%                        | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                                   | 0% 0% 0% 0% 9% 85% 91% 100% 92% 72% 29% 16% 14% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%                       | 0% 0% 12% 12% 12% 12% 13% 13% 13% 16% 17% 48% 48% 48% 55% 59% 54% 55% 59% 73% 100% 163% 403% 479%                               | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>100%<br>100          | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 6% 6% 6% 6% 6% 170%              | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>6%<br>100%                 | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>3%<br>3%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>4%<br>100%<br>110%                              |

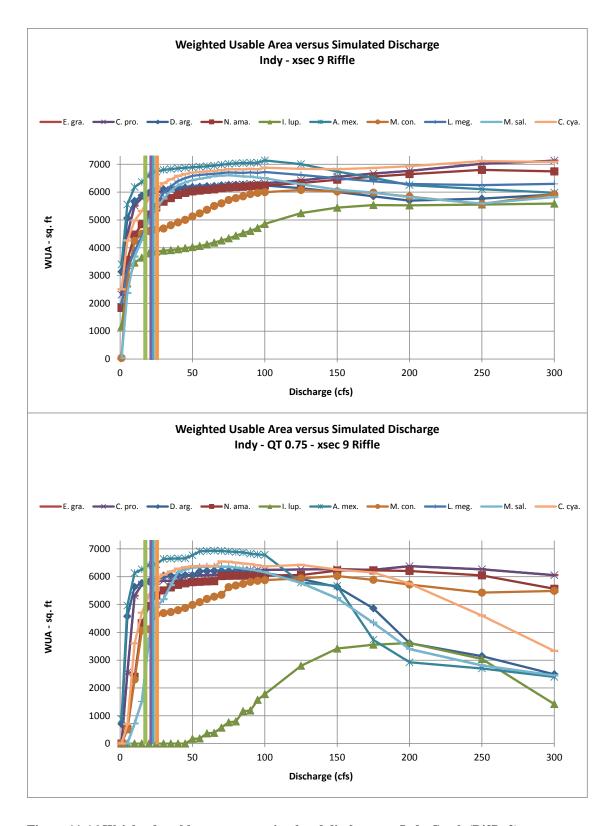


Figure 11-16 Weighted usable area versus simulated discharge at Indy Creek (Riffle 3).

Table 11-16 Percent of maximum WUA versus simulated discharge at Indy Creek (Riffle 3).

|   | sec 9 Riffle  | F   | 6  | D   | N   | t less   |  |  | 1   | NA1   | 6  |
|---|---|---|--|---|---|--|--|--|---|---|--|
| Q   | Min All   | E. gra.   | C. pro.  | D. arg.   | N. ama.   | I. lup.  | A. mex.  | M. con.  | L. meg.   | M. sal.   | C. cya.  |
| 1   | 1%  | 35%   | 35%  | 50%   | 28%   | 21%  | 48%  | 1%   | 30%   | 1%  | 36%  |
| 5   | 36%   | 67%   | 67%  | 81%   | 54%   | 49%  | 78%  | 48%  | 48%   | 36%   | 62%  |
| 10  | 56%   | 83%   | 83%  | 91%   | 68%   | 63%  | 87%  | 70%  | 58%   | 56%   | 72%  |
| 15  | 65%   | 87%   | 87%  | 94%   | 74%   | 66%  | 89%  | 74%  | 66%   | 65%   | 77%  |
| 20  | 69%   | 89%   | 89%  | 95%   | 79%   | 69%  | 93%  | 76%  | 76%   | 76%   | 84%  |
| 25  | 70%   | 90%   | 90%  | 97%   | 83%   | 70%  | 94%  | 76%  | 83%   | 82%   | 89%  |
| 30  | 70%   | 91%   | 91%  | 97%   | 86%   | 70%  | 95%  | 77%  | 89%   | 87%   | 92%  |
| 35<br>40  | 71%<br>71%  | 91%<br>91%  | 91%<br>91%   | 98%<br>98%  | 88%<br>90%  | 71%<br>71%   | 96%<br>96%   | 79%<br>81%   | 92%<br>95%  | 92%<br>95%  | 94%<br>96%   |
| 45  | 71%   | 92%   | 92%  | 98%   | 91%   | 72%  | 96%  | 82%  | 97%   | 96%   | 97%  |
| 50  | 73%   | 92%   | 92%  | 99%   | 92%   | 73%  | 97%  | 84%  | 98%   | 97%   | 97%  |
| 55  | 73%   | 92%   | 92%  | 99%   | 92%   | 73%  | 97%  | 86%  | 98%   | 98%   | 98%  |
| 60  | 74%   | 92%   | 92%  | 99%   | 93%   | 74%  | 97%  | 88%  | 99%   | 99%   | 98%  |
| 65  | 76%   | 93%   | 93%  | 99%   | 93%   | 76%  | 97%  | 90%  | 99%   | 100%  | 98%  |
| 70  | 77%   | 93%   | 93%  | 100%  | 93%   | 77%  | 98%  | 92%  | 99%   | 100%  | 99%  |
| 75  | 78%   | 94%   | 94%  | 100%  | 94%   | 78%  | 98%  | 94%  | 100%  | 100%  | 99%  |
| 80  | 80%   | 94%   | 94%  | 100%  | 94%   | 80%  | 99%  | 95%  | 100%  | 100%  | 99%  |
| 85  | 82%   | 94%   | 94%  | 100%  | 94%   | 82%  | 99%  | 96%  | 100%  | 99%   | 99%  |
| 90  | 83%   | 94%   | 94%  | 100%  | 95%   | 83%  | 99%  | 98%  | 100%  | 99%   | 99%  |
| 95  | 85%   | 95%   | 95%  | 100%  | 95%   | 85%  | 99%  | 98%  | 100%  | 99%   | 99%  |
| 100   | 88%   | 95%   | 95%  | 100%  | 95%   | 88%  | 100%   | 99%  | 100%  | 98%   | 100%   |
| 125   | 95%   | 96%   | 96%  | 98%   | 96%   | 95%  | 98%  | 100%   | 98%   | 95%   | 99%  |
| 150   | 92%   | 98%   | 98%  | 96%   | 98%   | 98%  | 94%  | 99%  | 97%   | 92%   | 99%  |
| 175   | 91%   | 100%  | 100%   | 93%   | 100%  | 100%   | 91%  | 98%  | 95%   | 91%   | 100%   |
| 200   | 88%   | 101%  | 101%   | 91%   | 101%  | 100%   | 88%  | 96%  | 94%   | 88%   | 101%   |
| 250   | 85%   | 105%  | 105%   | 92%   | 104%  | 100%   | 86%  | 92%  | 93%   | 85%   | 103%   |
| 300   | 84%   | 107%  | 107%   | 94%   | 103%  | 101%   | 84%  | 97%  | 94%   | 88%   | 103%   |
| 350   | 82%   | 107%  | 107%   | 95%   | 100%  | 101%   | 82%  | 99%  | 94%   | 89%   | 102%   |
| 400<br>500  | 83%<br>85%  | 107%<br>108%  | 107%<br>108%   | 95%<br>96%  | 97%<br>96%  | 100%<br>102%   | 83%<br>85%   | 100%<br>105%   | 92%<br>85%  | 90%<br>93%  | 102%<br>103%   |
|   |   |   |  |   |   |  | 0570   |  |   |   |  |
| Indy - 0<br>Q<br>1<br>5   | 0T 0.75 - xsec<br>Min All<br>0%<br>0%   | 9 Riffle E. gra. 0% 41%   | C. pro.<br>0%<br>41%   | D. arg.<br>11%<br>74%   | N. ama.<br>0%<br>8%   | I. lup.<br>0%<br>0%  | A. mex.<br>13%<br>72%  | M. con.<br>0%<br>9%  | L. meg.<br>0%<br>0%   | M. sal.<br>0%<br>0%   | C. cya.<br>0%<br>11%   |
| Q 1   | Min All<br>0%   | E. gra.   | 0%   | 11%   | N. ama.<br>0%   | I. lup.<br>0%  | A. mex.<br>13%   | M. con.<br>0%  | L. meg.<br>0%   | M. sal.<br>0%   | 0%   |
| Q<br>1<br>5   | Min All<br>0%<br>0%   | E. gra.<br>0%<br>41%  | 0%<br>41%  | 11%<br>74%  | N. ama.<br>0%<br>8%   | I. lup.<br>0%<br>0%  | A. mex.<br>13%<br>72%  | M. con.<br>0%<br>9%  | L. meg.<br>0%<br>0%   | M. sal.<br>0%<br>0%   | 0%<br>11%  |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>0%   | E. gra.<br>0%<br>41%<br>85%   | 0%<br>41%<br>85%   | 11%<br>74%<br>91%   | N. ama.<br>0%<br>8%<br>39%  | I. lup.<br>0%<br>0%<br>0%  | A. mex.<br>13%<br>72%<br>88%   | M. con.<br>0%<br>9%<br>38%   | L. meg.<br>0%<br>0%<br>11%  | M. sal.<br>0%<br>0%<br>11%  | 0%<br>11%<br>55%   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>0%<br>0%   | E. gra.<br>0%<br>41%<br>85%<br>91%  | 0%<br>41%<br>85%<br>91%  | 11%<br>74%<br>91%<br>93%  | N. ama.<br>0%<br>8%<br>39%<br>70%   | I. lup.<br>0%<br>0%<br>0%<br>0%  | A. mex.<br>13%<br>72%<br>88%<br>90%  | M. con.<br>0%<br>9%<br>38%<br>68%  | L. meg.<br>0%<br>0%<br>11%<br>24%<br>59%  | M. sal.<br>0%<br>0%<br>11%<br>24%   | 0%<br>11%<br>55%<br>72%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | Min All 0% 0% 0% 0% 0% 0% 0%  | E. gra.  0%  41%  85%  91%  93%  93%  | 0%<br>41%<br>85%<br>91%<br>93%<br>93%  | 11% 74% 91% 93% 94% 94% 97%   | N. ama.<br>0%<br>8%<br>39%<br>70%<br>79%<br>85%<br>88%  | 1. lup.<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | A. mex.<br>13%<br>72%<br>88%<br>90%<br>93%<br>93%<br>96%   | M. con.<br>0%<br>9%<br>38%<br>68%<br>68%<br>77%  | L. meg.<br>0%<br>0%<br>11%<br>24%<br>59%<br>77%<br>82%  | M. sal. 0% 0% 11% 24% 59% 77% 82%   | 0%<br>11%<br>55%<br>72%<br>82%<br>90%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | Min All  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 41%  85%  91%  93%  93%  93%  | 0%<br>41%<br>85%<br>91%<br>93%<br>93%<br>93%<br>93%  | 11%<br>74%<br>91%<br>93%<br>94%<br>94%<br>97%<br>97%                          | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%   | 1. lup.<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | A. mex.<br>13%<br>72%<br>88%<br>90%<br>93%<br>93%<br>96%<br>96%  | M. con. 0% 9% 38% 68% 68% 77% 78%  | L. meg.<br>0%<br>0%<br>11%<br>24%<br>59%<br>77%<br>82%<br>89%   | M. sal. 0% 0% 11% 24% 59% 77% 82% 89%   | 0%<br>11%<br>55%<br>72%<br>82%<br>90%<br>93%<br>94%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  93%  | 0% 41% 85% 91% 93% 93% 93% 93% 93%   | 11% 74% 91% 93% 94% 94% 97% 97%   | N. ama.<br>0%<br>8%<br>39%<br>70%<br>79%<br>85%<br>88%<br>90%<br>92%  | 1. lup.<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | A. mex. 13% 72% 88% 90% 93% 93% 96% 96%  | M. con. 0% 9% 38% 68% 77% 78% 78% 80%  | L. meg.<br>0%<br>0%<br>11%<br>24%<br>59%<br>77%<br>82%<br>89%<br>97%  | M. sal. 0% 0% 11% 24% 59% 77% 82% 89% 97%   | 0%<br>11%<br>55%<br>72%<br>82%<br>90%<br>93%<br>94%<br>96%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  93%  96%   | 0% 41% 85% 91% 93% 93% 93% 93% 93% 93%   | 11% 74% 91% 93% 94% 94% 97% 97% 97%   | N. ama.<br>0%<br>8%<br>39%<br>70%<br>79%<br>85%<br>88%<br>90%<br>92%<br>93%                                 | 1. lup. 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  | A. mex. 13% 72% 88% 90% 93% 93% 96% 96% 96%  | M. con. 0% 9% 38% 68% 68% 77% 78% 78% 80% 81%  | L. meg.<br>0%<br>0%<br>11%<br>24%<br>59%<br>77%<br>82%<br>89%<br>97%<br>98%   | M. sal. 0% 0% 11% 24% 59% 77% 82% 89% 97% 98%   | 0%<br>11%<br>55%<br>72%<br>82%<br>90%<br>93%<br>94%<br>96%<br>97%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 93% 96%   | 0% 41% 85% 91% 93% 93% 93% 93% 93% 93% 96%   | 11% 74% 91% 93% 94% 94% 97% 97% 97% 97%                                       | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | A. mex. 13% 72% 88% 90% 93% 95% 96% 96% 96% 98%  | M. con. 0% 9% 38% 68% 68% 77% 78% 80% 81% 83%  | L. meg.<br>0%<br>0%<br>11%<br>24%<br>59%<br>77%<br>82%<br>89%<br>97%<br>98%<br>99%  | M. sal. 0% 0% 11% 24% 59% 77% 82% 89% 97% 98%   | 0%<br>11%<br>55%<br>72%<br>82%<br>90%<br>93%<br>94%<br>96%<br>97%<br>97%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  93%  96%  96%  | 0% 41% 85% 91% 93% 93% 93% 93% 96% 96%   | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100%                                      | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  93%   | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  | A. mex. 13% 72% 88% 90% 93% 93% 96% 96% 96% 98% 100%   | M. con. 0% 9% 38% 68% 68% 77% 78% 80% 81% 83% 84%  | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99% 100%   | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99% 100%   | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 93% 96% 96% 96% 97%   | 0% 41% 85% 91% 93% 93% 93% 93% 93% 96% 96% 96% 97%   | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100%                                      | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%   | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  5%  | A. mex. 13% 72% 88% 90% 93% 93% 96% 96% 96% 98% 100%   | M. con. 0% 9% 38% 68% 68% 77% 78% 78% 80% 81% 83% 84%  | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  90%  100%  | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  99%  100%  100%  | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 98%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  5%  10%  11%                           | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  96%  96%  96%  97%   | 0% 41% 85% 91% 93% 93% 93% 93% 93% 95% 96% 96% 97%   | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100%                                 | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%                                      | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  10%   | A. mex.  13%  72%  88%  90%  93%  93%  96%  96%  96%  96%  100%  100%  | M. con.  0%  9%  38%  68%  68%  77%  78%  80%  81%  83%  84%  86%  88%   | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  90%  100%  100%  | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  90%  100%  100%  | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  10%  0%                                | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  95%  96%  96%  97%  97%                                    | 0% 41% 85% 91% 93% 93% 93% 93% 93% 95% 96% 96% 97% 97%   | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100%                                 | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%                                 | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  10%  11%  16%   | A. mex.  13%  72%  88%  90%  93%  93%  96%  96%  96%  100%  100%  100%   | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  83%  84%  86%  88%   | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99% 100% 100% 100%   | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  90%  100%  100%  100%  | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 98% 97% 100%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  5%  10%  11%                           | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  96%  96%  96%  97%   | 0% 41% 85% 91% 93% 93% 93% 93% 93% 95% 96% 96% 97%   | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100%                                 | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%                                      | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  10%   | A. mex.  13%  72%  88%  90%  93%  93%  96%  96%  96%  96%  100%  100%  | M. con.  0%  9%  38%  68%  68%  77%  78%  80%  81%  83%  84%  86%  88%   | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  90%  100%  100%  | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  90%  100%  100%  | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  10%  0%                                | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  96%  96%  96%  97%  97%  97%                               | 0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97%   | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100% 100%                            | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%                            | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  11%  16%  22%   | A. mex.  13%  72%  88%  90%  93%  96%  96%  96%  96%  100%  100%  100%   | M. con.  0%  9%  38%  68%  68%  77%  78%  80%  81%  83%  84%  86%  88%  89%  93%   | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%   | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  90%  100%  100%  100%  | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 98% 97% 100%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  10%  0%                                | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  96%  96%  96%  97%  97%  97%  99%                          | 0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97%   | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100% 100% 100%                       | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%                            | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  11%  16%  22%  22%  | A. mex.  13% 72% 88% 90% 93% 93% 96% 96% 96% 100% 100% 100% 100% 99%   | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  83%  84%  86%  88%  89%  93%  94%  | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  99%  | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  99%  | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 98% 97% 100% 100%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>70<br>75<br>80<br>85   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41%  85%  91%  93%  93%  93%  93%  96%  96%  96%  97%  97%  97%  99%                          | 0% 41% 85% 91% 93% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 99%                                       | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100% 100% 100%                       | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%  97%                       | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  10%  11%  16%  22%  33%   | A. mex.  13%  72%  88%  90%  93%  96%  96%  96%  96%  100%  100%  100%  100%  99%  | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  84%  86%  88%  93%  94%  95%   | L. meg.<br>0%<br>0%<br>11%<br>24%<br>59%<br>77%<br>82%<br>89%<br>97%<br>98%<br>100%<br>100%<br>100%<br>100%<br>99%                      | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  99%  | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 100% 100% 99%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 99%                                   | 0% 41% 85% 91% 93% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 99%                                       | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100% 100% 100% 100% 99%              | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%  97%  97%                  | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  10%  5%  10%  11%  16%  22%  22%  33%  33%                                      | A. mex. 13% 72% 88% 90% 93% 93% 96% 96% 96% 96% 100% 100% 100% 100% 99% 98%  | M. con. 0% 9% 38% 68% 68% 77% 78% 78% 80% 81% 83% 84% 86% 88% 93% 94% 95% 97%  | L. meg.<br>0%<br>0%<br>11%<br>24%<br>59%<br>77%<br>82%<br>89%<br>97%<br>98%<br>100%<br>100%<br>100%<br>100%<br>99%<br>99%<br>98%        | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  99%  98%   | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 98% 99% 100% 100% 99% 99%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  10%  11%  16%  22%  22%  33%  33%  44% | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 96% 97% 97% 97% 97% 97% 99%                           | 0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 96% 97% 97% 97% 97% 97% 99% 100%                          | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100% 100% 100% 100% 99% 99%          | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%  97%  97%  97%             | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  5%  | A. mex. 13% 72% 88% 90% 93% 93% 96% 96% 96% 96% 100% 100% 100% 100% 100% 99% 98% 98%   | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  83%  84%  86%  88%  89%  93%  94%  95%  97%  | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  100%  99%  98%  98%                                    | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  100%  99%  98%  98%  | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 98% 99% 99% 99%   |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 97% 100%                              | 0% 41% 85% 91% 93% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 97% 100%                              | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100% 100% 100% 100% 100% 99% 99%     | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  93%  94%  97%  97%  97%  97%  97%  97%        | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  10%  11%  16%  22%  33%  33%  44%  50%                                      | A. mex. 13% 72% 88% 90% 93% 93% 96% 96% 96% 96% 100% 100% 100% 100% 100% 99% 98% 98%   | M. con.  0%  9%  38%  68%  68%  77%  78%  80%  81%  83%  84%  86%  89%  93%  94%  95%  97%  98%  | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  98%  97%                                | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  98%  98%  97%                                   | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 98% 99% 99% 99% 99% 99%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                                 | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 100% 100%                             | 0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 100% 100%                                 | 11% 74% 91% 93% 94% 94% 97% 97% 97% 100% 100% 100% 100% 100% 100% 99% 99% 95% | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  93%  93%  93%  93%  94%  97%  97%  97%  97%  97%  97%        | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  10%  5%  10%  11%  16%  22%  33%  33%  44%  50%                                 | A. mex.  13%  72%  88%  90%  93%  95%  96%  96%  96%  90%  100%  100%  100%  100%  99%  98%  98%  98%  98%                                       | M. con.  0%  9%  38%  68%  68%  77%  78%  80%  81%  83%  84%  86%  89%  93%  94%  95%  97%  98%  99%                                     | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  98%  97%  98%  99%                      | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  99%  98%  99%                                   | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 98% 99% 99% 99% 99% 99% 98%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200                        | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 100% 100% 100% 100%                   | 0% 41% 85% 91% 93% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 100% 100% 100% 100%                       | 11% 74% 91% 93% 94% 94% 97% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%  97%  97%  97%  97         | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  10%  11%  16%  22%  22%  33%  33%  44%  50%  79%  96%  100%  102%               | A. mex.  13% 72% 88% 90% 93% 93% 96% 96% 96% 96% 100% 100% 100% 100% 100% 100% 100% 10   | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  83%  84%  86%  88%  89%  93%  94%  95%  97%  97%  98%  99%  100%  98%  95%           | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  99%  98%  98%  98%  98%  98%  98%                      | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  99%  98%  98%  98%  91%  88%  97%  98%  98%  98%  98%  98%  98 | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 98% 97% 100% 100% 99% 99% 99% 99% 98% 97% 98% 97% 98% 94% 88%                 |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250                 | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 100% 100% 100% 100% 100%                  | 0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 100% 100% 100% 100% 100%                      | 11% 74% 91% 93% 94% 94% 97% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | N. ama.  0%  8% 39%  70%  79%  85%  88%  90% 92% 93% 93% 93% 94% 94% 97% 97% 97% 97% 97% 97% 97% 97% 97% 97 | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  10%  11%  16%  22%  22%  33%  33%  44%  50%  79%  96%  100%  102%  86%          | A. mex.  13%  72%  88%  90%  93%  96%  96%  96%  96%  100%  100%  100%  100%  \$\$400%  \$\$400%  \$\$400%  \$\$400%  \$\$540%  \$\$42%  \$\$39% | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  83%  84%  86%  88%  93%  94%  95%  97%  97%  98%  99%  100%  98%  95%  90%           | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  99%  98%  98%  97%  98%  98%  91%  44%                 | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  100%  99%  98%  98%  91%  98%  91%  98%  94%  94%              | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 98% 97% 100% 100% 99% 99% 99% 98% 97% 98% 97% 98% 97% 98%                     |
| Q<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 55<br>60 65<br>70 75<br>80 85<br>90 95<br>100 125<br>150 175<br>200 250<br>300                                     | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | 0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10         | 11% 74% 91% 93% 94% 94% 97% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%  97%  97%  97%  97         | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  10%  11%  16%  22%  22%  33%  44%  50%  79%  96%  100%  102%  86%  40%      | A. mex.  13%  72%  88%  90%  93%  96%  96%  96%  96%  100%  100%  100%  100%  100%  40%  98%  98%  98%  98%  98%  98%  98%  9                    | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  84%  86%  88%  89%  93%  94%  95%  97%  98%  99%  100%  98%  99%  90%  91%           | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  98%  91%  98%  91%  98%  98             | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  98%  91%  98%  98%  91%  98%  98                | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 98% 97% 100% 100% 99% 99% 98% 98% 97% 98% 97% 98% 97% 98% 97% 98% 99%         |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>250<br>300<br>350        | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 96% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | 0% 41% 85% 91% 93% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | 11% 74% 91% 93% 94% 94% 97% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%  97%  97%  97%  97         | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  10%  11%  16%  22%  33%  33%  44%  50%  79%  96%  100%  102%  86%  40%  26% | A. mex.  13%  72%  88%  90%  93%  93%  96%  96%  96%  96%  100%  100%  100%  100%  100%  400%  99%  98%  98%  98%  98%  98%  98%                 | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  83%  84%  86%  88%  89%  93%  94%  95%  97%  97%  98%  99%  100%  98%  99%  90%  91% | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  100%  100%  100%  100%  100%  99%  98%  98%  91%  82%  68%  53%  44%  38%  34% | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  98%  91%  82%  68%  53%  44%  38%  34%          | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 97% 98% 97% 100% 100% 99% 99% 98% 97% 98% 97% 98% 97% 98% 96% 94% 88% 70% 51% |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300 | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                     | E. gra.  0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | 0% 41% 85% 91% 93% 93% 93% 93% 96% 96% 96% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10         | 11% 74% 91% 93% 94% 94% 97% 97% 97% 97% 100% 100% 100% 100% 100% 100% 100% 10 | N. ama.  0%  8%  39%  70%  79%  85%  88%  90%  92%  93%  93%  94%  94%  97%  97%  97%  97%  97%  97         | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  5%  10%  11%  16%  22%  22%  33%  44%  50%  79%  96%  100%  102%  86%  40%      | A. mex.  13%  72%  88%  90%  93%  96%  96%  96%  96%  100%  100%  100%  100%  100%  40%  98%  98%  98%  98%  98%  98%  98%  9                    | M. con.  0%  9%  38%  68%  77%  78%  78%  80%  81%  84%  86%  88%  89%  93%  94%  95%  97%  98%  99%  100%  98%  99%  90%  91%           | L. meg.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  98%  91%  98%  91%  98%  98             | M. sal.  0%  0%  11%  24%  59%  77%  82%  89%  97%  98%  99%  100%  100%  100%  100%  99%  98%  98%  91%  98%  98%  91%  98%  98                | 0% 11% 55% 72% 82% 90% 93% 94% 96% 97% 97% 98% 97% 100% 100% 99% 99% 98% 98% 97% 98% 97% 98% 97% 98% 97% 98% 99%         |

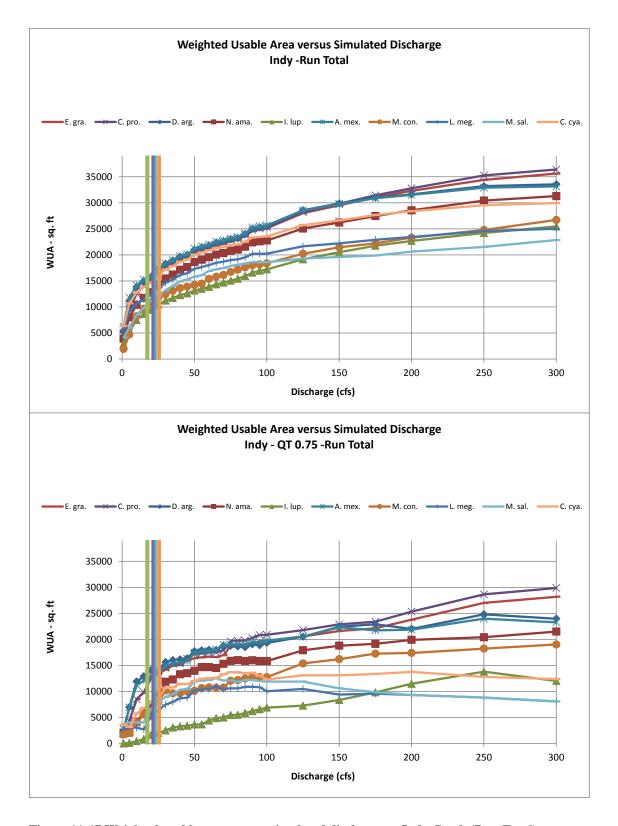


Figure 11-17 Weighted usable area versus simulated discharge at Indy Creek (Run Total).

Table 11-17 Percent of maximum WUA versus simulated discharge at Indy Creek (Run Total).

| Indu D   | un Total  |  |   |  |   |  |   |   |  |  |  |
|--|---|--|---|--|---|--|---|---|--|--|--|
| Q Q  | un Total<br>Min All   | E. gra.  | C. pro.   | D. arg.  | N. ama.   | I. lup.  | A. mex.   | M. con.   | L. meg.  | M. sal.  | C. cya.  |
| 1  | 9%  | 15%  | 14%   | 17%  | 14%   | 13%  | 20%   | 9%  | 24%  | 21%  | 23%  |
| 5  | 21%   | 31%  | 30%   | 36%  | 29%   | 25%  | 38%   | 21%   | 40%  | 30%  | 39%  |
| 10   | 34%   | 40%  | 40%   | 45%  | 38%   | 34%  | 46%   | 37%   | 46%  | 43%  | 46%  |
| 15   | 40%   | 45%  | 45%   | 48%  | 43%   | 40%  | 49%   | 43%   | 50%  | 50%  | 50%  |
| 20   | 44%   | 49%  | 48%   | 51%  | 47%   | 44%  | 52%   | 49%   | 54%  | 56%  | 53%  |
| 25   | 48%   | 54%  | 53%   | 56%  | 52%   | 48%  | 56%   | 53%   | 59%  | 62%  | 58%  |
| 30   | 52%   | 57%  | 56%   | 59%  | 56%   | 52%  | 60%   | 56%   | 64%  | 67%  | 62%  |
| 35   | 54%   | 59%  | 58%   | 61%  | 59%   | 54%  | 62%   | 59%   | 67%  | 71%  | 65%  |
| 40   | 56%   | 61%  | 61%   | 63%  | 62%   | 56%  | 64%   | 61%   | 70%  | 75%  | 68%  |
| 45   | 58%   | 63%  | 62%   | 64%  | 64%   | 58%  | 65%   | 63%   | 72%  | 77%  | 69%  |
| 50   | 60%   | 66%  | 65%   | 68%  | 68%   | 60%  | 69%   | 64%   | 76%  | 80%  | 72%  |
| 55   | 62%   | 67%  | 67%   | 69%  | 70%   | 62%  | 70%   | 65%   | 77%  | 81%  | 74%  |
| 60   | 64%   | 69%  | 68%   | 70%  | 71%   | 64%  | 71%   | 69%   | 79%  | 85%  | 75%  |
| 65   | 66%   | 70%  | 70%   | 72%  | 73%   | 66%  | 73%   | 71%   | 81%  | 87%  | 77%  |
| 70   | 67%   | 71%  | 71%   | 73%  | 74%   | 67%  | 74%   | 73%   | 82%  | 88%  | 78%  |
| 75   | 69%   | 73%  | 73%   | 74%  | 76%   | 69%  | 75%   | 75%   | 83%  | 90%  | 79%  |
| 80   | 71%<br>73%  | 74%  | 74%   | 75%  | 77%   | 71%  | 76%<br>78%  | 77%   | 83%  | 91%  | 80%  |
| 85   | 76%   | 76%  | 76%   | 77%  | 79%   | 73%<br>76%   |   | 79%   | 85%  | 92%  | 81%<br>84%   |
| 90<br>95   | 76%   | 79%<br>80%   | 79%<br>80%  | 81%<br>81%   | 82%<br>82%  | 76%<br>78%   | 82%<br>83%  | 81%<br>82%  | 88%<br>88%   | 94%<br>94%   | 85%  |
| 100  | 79%   | 81%  | 80%   | 82%  | 83%   | 79%  | 83%   | 83%   | 88%  | 94%  | 85%  |
| 125  | 88%   | 90%  | 90%   | 92%  | 91%   | 88%  | 92%   | 91%   | 95%  | 97%  | 93%  |
| 150  | 94%   | 95%  | 95%   | 96%  | 96%   | 94%  | 96%   | 97%   | 97%  | 99%  | 96%  |
| 175  | 100%  | 100%   | 100%  | 100%   | 100%  | 100%   | 100%  | 100%  | 100%   | 100%   | 100%   |
| 200  | 102%  | 104%   | 104%  | 102%   | 104%  | 104%   | 102%  | 105%  | 102%   | 104%   | 103%   |
| 250  | 107%  | 111%   | 112%  | 107%   | 111%  | 111%   | 107%  | 112%  | 107%   | 108%   | 107%   |
| 300  | 107%  | 115%   | 116%  | 108%   | 114%  | 117%   | 107%  | 120%  | 109%   | 115%   | 108%   |
| 350  | 107%  | 117%   | 118%  | 108%   | 116%  | 124%   | 107%  | 124%  | 108%   | 117%   | 108%   |
| 400<br>500   | 105%<br>99%   | 119%<br>121%   | 118%<br>121%  | 108%<br>106%   | 117%<br>118%  | 132%<br>146%   | 106%<br>106%  | 128%<br>131%  | 105%<br>99%  | 116%<br>113%   | 107%<br>103%   |
|  |   |  |   |  |   |  |   |   |  |  |  |
| Indu C   | TO 75 D T   | ata l  |   |  |   |  |   |   |  |  |  |
|  | QT 0.75 -Run T<br>Min All   |  | C. pro.   | D. arg.  | N. ama.   | I. lup.  | A. mex.   | M. con.   | L. meg.  | M. sal.  | C. cva.  |
| Q  | OT 0.75 -Run T<br>Min All<br>0%   | E. gra.  | C. pro.<br>9%   | D. arg.<br>10%   | N. ama.<br>10%  | I. lup.<br>0%  | A. mex.<br>12%  | M. con.<br>10%  | L. meg.<br>26%   | M. sal.<br>30%   | C. cya.<br>27%   |
|  | Min All   |  | C. pro.<br>9%<br>19%  | D. arg.<br>10%<br>30%  | N. ama.<br>10%<br>11%   | I. lup.<br>0%<br>1%  | A. mex.<br>12%<br>31%   | M. con.<br>10%<br>12%   | L. meg.<br>26%<br>29%  | M. sal.<br>30%<br>32%  | C. cya.<br>27%<br>24%  |
| Q<br>1   | Min All<br>0%   | E. gra.<br>10%   | 9%  | 10%  | 10%   | 0%   | 12%   | 10%   | 26%  | 30%  | 27%  |
| Q<br>1<br>5  | Min All<br>0%<br>1%   | E. gra.<br>10%<br>20%  | 9%<br>19%   | 10%<br>30%   | 10%<br>11%  | 0%<br>1%   | 12%<br>31%  | 10%<br>12%  | 26%<br>29%   | 30%<br>32%   | 27%<br>24%   |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>1%<br>5%   | E. gra.<br>10%<br>20%<br>39%   | 9%<br>19%<br>37%  | 10%<br>30%<br>52%  | 10%<br>11%<br>21%   | 0%<br>1%<br>5%   | 12%<br>31%<br>50%   | 10%<br>12%<br>23%   | 26%<br>29%<br>28%  | 30%<br>32%<br>33%  | 27%<br>24%<br>42%  |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>1%<br>5%<br>9%   | E. gra.<br>10%<br>20%<br>39%<br>45%  | 9%<br>19%<br>37%<br>42%   | 10%<br>30%<br>52%<br>56%   | 10%<br>11%<br>21%<br>32%  | 0%<br>1%<br>5%<br>9%   | 12%<br>31%<br>50%<br>54%  | 10%<br>12%<br>23%<br>32%  | 26%<br>29%<br>28%<br>25%   | 30%<br>32%<br>33%<br>33%   | 27%<br>24%<br>42%<br>50%   |
| Q<br>1<br>5<br>10<br>15<br>20  | Min All<br>0%<br>1%<br>5%<br>9%<br>17%  | E. gra.<br>10%<br>20%<br>39%<br>45%  | 9%<br>19%<br>37%<br>42%<br>54%  | 10%<br>30%<br>52%<br>56%<br>61%  | 10%<br>11%<br>21%<br>32%<br>39%   | 0%<br>1%<br>5%<br>9%<br>17%  | 12%<br>31%<br>50%<br>54%<br>58%   | 10%<br>12%<br>23%<br>32%<br>36%   | 26%<br>29%<br>28%<br>25%<br>48%  | 30%<br>32%<br>33%<br>33%<br>54%  | 27%<br>24%<br>42%<br>50%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | Min All 0% 1% 5% 9% 17% 21% 26% 31%   | E. gra.<br>10%<br>20%<br>39%<br>45%<br>57%<br>61%<br>64%<br>68%  | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%   | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%   | 10%<br>11%<br>21%<br>32%<br>39%<br>48%<br>62%<br>64%  | 0%<br>1%<br>5%<br>9%<br>17%<br>21%<br>26%<br>31%   | 12%<br>31%<br>50%<br>54%<br>58%<br>59%<br>67%<br>69%  | 10%<br>12%<br>23%<br>32%<br>36%<br>46%<br>59%<br>56%  | 26%<br>29%<br>28%<br>25%<br>48%<br>59%<br>68%<br>73%   | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%   | 27% 24% 42% 50% 58% 64% 78%  |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | Min All 0% 1% 5% 9% 17% 21% 26% 31% 34%   | E. gra.<br>10%<br>20%<br>39%<br>45%<br>57%<br>61%<br>64%<br>68%  | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%  | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%  | 10%<br>11%<br>21%<br>32%<br>39%<br>48%<br>62%<br>64%<br>70%   | 0%<br>1%<br>5%<br>9%<br>17%<br>21%<br>26%<br>31%<br>34%  | 12%<br>31%<br>50%<br>54%<br>58%<br>59%<br>67%<br>69%<br>70%   | 10%<br>12%<br>23%<br>32%<br>36%<br>46%<br>59%<br>56%  | 26%<br>29%<br>28%<br>25%<br>48%<br>59%<br>68%<br>73%   | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%  | 27% 24% 42% 50% 58% 64% 78% 79% 84%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | Min All 0% 1% 5% 9% 17% 21% 26% 31% 34% 35%   | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72%   | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%<br>70%   | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%  | 10%<br>11%<br>21%<br>32%<br>39%<br>48%<br>62%<br>64%<br>70%<br>71%  | 0%<br>1%<br>5%<br>9%<br>17%<br>21%<br>26%<br>31%<br>34%<br>35%   | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71%   | 10%<br>12%<br>23%<br>32%<br>36%<br>46%<br>59%<br>56%<br>56%<br>58%                                  | 26%<br>29%<br>28%<br>25%<br>48%<br>59%<br>68%<br>73%<br>80%<br>81%                                     | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%   | 27% 24% 42% 50% 58% 64% 78% 79% 84%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74%   | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%<br>70%<br>74%                                    | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>71%   | 10%<br>11%<br>21%<br>32%<br>39%<br>48%<br>62%<br>64%<br>70%<br>71%  | 0%<br>1%<br>5%<br>9%<br>17%<br>21%<br>26%<br>31%<br>34%<br>35%<br>37%  | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71%   | 10%<br>12%<br>23%<br>32%<br>36%<br>46%<br>59%<br>56%<br>56%<br>58%<br>59%                           | 26%<br>29%<br>28%<br>25%<br>48%<br>59%<br>68%<br>73%<br>80%<br>81%<br>94%                              | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%<br>95%  | 27% 24% 42% 50% 58% 64% 78% 79% 84% 84% 88%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%   | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74%   | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%<br>70%<br>74%<br>74%                             | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>70%<br>71%<br>71%<br>77%   | 10%<br>11%<br>21%<br>32%<br>39%<br>48%<br>62%<br>64%<br>70%<br>71%<br>73%                                   | 0%<br>1%<br>5%<br>9%<br>17%<br>21%<br>26%<br>31%<br>34%<br>35%<br>37%<br>38%                                 | 12%<br>31%<br>50%<br>54%<br>58%<br>59%<br>67%<br>69%<br>70%<br>71%<br>78%   | 10%<br>12%<br>23%<br>32%<br>36%<br>46%<br>59%<br>56%<br>58%<br>59%<br>62%                           | 26%<br>29%<br>28%<br>25%<br>48%<br>59%<br>68%<br>73%<br>80%<br>81%<br>94%<br>95%                       | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%<br>95%<br>97%                                     | 27% 24% 42% 50% 58% 64% 79% 84% 84% 88% 91%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75%   | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%<br>70%<br>74%<br>74%                             | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%   | 10%<br>11%<br>21%<br>32%<br>39%<br>48%<br>62%<br>64%<br>70%<br>71%<br>73%<br>77%                            | 0%<br>1%<br>5%<br>9%<br>17%<br>21%<br>26%<br>31%<br>34%<br>35%<br>37%<br>38%<br>45%                          | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80%   | 10%<br>12%<br>23%<br>32%<br>36%<br>46%<br>59%<br>56%<br>56%<br>58%<br>59%<br>62%                    | 26%<br>29%<br>28%<br>25%<br>48%<br>59%<br>68%<br>73%<br>80%<br>81%<br>94%<br>95%<br>96%                | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%<br>95%<br>97%                                     | 27% 24% 42% 50% 58% 64% 78% 79% 84% 88% 91% 92%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%   | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75%   | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%<br>70%<br>74%<br>75%<br>75%                      | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%   | 10%<br>11%<br>21%<br>32%<br>39%<br>48%<br>62%<br>64%<br>70%<br>71%<br>73%<br>77%<br>76%                     | 0%<br>1%<br>5%<br>9%<br>17%<br>21%<br>26%<br>31%<br>34%<br>35%<br>37%<br>38%<br>45%<br>50%                   | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80% 81%   | 10% 12% 23% 32% 36% 46% 59% 56% 56% 58% 59% 62% 62%   | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100%   | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%<br>95%<br>97%<br>100%                             | 27% 24% 42% 50% 58% 64% 78% 84% 84% 88% 91% 92%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%   | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 68% 72% 74% 75% 75% 75%   | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%<br>70%<br>74%<br>75%<br>75%                      | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%<br>78%<br>82%   | 10%<br>11%<br>21%<br>32%<br>39%<br>48%<br>62%<br>64%<br>70%<br>71%<br>73%<br>77%<br>76%<br>80%              | 0%<br>1%<br>5%<br>9%<br>17%<br>21%<br>26%<br>31%<br>35%<br>37%<br>38%<br>45%<br>50%                          | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80% 81% 85%   | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62%   | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96%   | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%<br>95%<br>97%<br>100%<br>97%                      | 27% 24% 42% 50% 58% 64% 78% 84% 84% 88% 91% 92% 97%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%   | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 68% 72% 75% 75% 75% 77% 85%   | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%<br>70%<br>74%<br>75%<br>75%<br>77%<br>84%        | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%<br>78%<br>82%   | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83%   | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50%  | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80% 81% 85%   | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70%   | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97%                                       | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%<br>95%<br>97%<br>100%<br>97%                      | 27% 24% 42% 50% 58% 64% 78% 79% 84% 84% 88% 91% 92% 97% 100%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  56%   | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75% 77% 85%   | 9% 19% 37% 42% 54% 59% 62% 65% 66% 70% 74% 75% 75% 77% 84% 84%  | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%<br>78%<br>82%<br>82%<br>81%   | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83% 84%   | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50% 51% 56%  | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80% 81% 85% 85%   | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70% 71%   | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97% 97%                                   | 30% 32% 33% 33% 54% 64% 72% 76% 83% 84% 95% 97% 97% 100% 97% 95%   | 27% 24% 42% 50% 58% 64% 78% 79% 84% 84% 91% 92% 97% 100% 100%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%   | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 68% 72% 75% 75% 75% 77% 85%   | 9%<br>19%<br>37%<br>42%<br>54%<br>59%<br>62%<br>65%<br>66%<br>70%<br>74%<br>75%<br>75%<br>77%<br>84%        | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%<br>78%<br>82%   | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83%   | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50%  | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80% 81% 85%   | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70%   | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97%                                       | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%<br>95%<br>97%<br>100%<br>97%                      | 27% 24% 42% 50% 58% 64% 78% 79% 84% 84% 88% 91% 92% 97% 100%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  56%  60%  | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75% 77% 85% 85% 84%   | 9% 19% 37% 42% 54% 59% 62% 65% 66% 70% 74% 75% 77% 84% 84% 85%  | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%<br>788<br>82%<br>82%<br>81%   | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83% 84% 83%   | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50% 51% 56% 60%  | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80% 81% 85% 85%   | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70% 71% 72%                                     | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97% 100%                                  | 30% 32% 33% 33% 54% 64% 72% 76% 83% 84% 95% 97% 100% 97% 97% 95% 97%   | 27% 24% 42% 50% 58% 64% 78% 79% 84% 84% 88% 91% 92% 97% 100% 100% 99%                                  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  60%  63%  | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75% 75% 85% 85% 84% 86%   | 9% 19% 37% 42% 54% 59% 62% 65% 66% 70% 74% 75% 77% 84% 84% 85% 87%  | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%<br>788<br>82%<br>82%<br>81%<br>81%  | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 77% 77% 80% 83% 84% 83%   | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50% 51% 56% 60% 63%  | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80% 81% 85% 85% 85% 85%   | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70% 71% 72% 74%                                 | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 97% 100%                                      | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>72%<br>76%<br>83%<br>84%<br>95%<br>97%<br>100%<br>97%<br>97%<br>95%<br>97% | 27% 24% 42% 50% 58% 64% 78% 79% 84% 84% 92% 91% 100% 100% 99%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95                                      | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  60%  63%  67%   | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75% 75% 85% 85% 84% 86% 89%                                       | 9% 19% 37% 42% 54% 59% 65% 66% 70% 74% 75% 75% 77% 84% 84% 85% 87%  | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>70%<br>71%<br>77%<br>78%<br>79%<br>78%<br>82%<br>82%<br>81%<br>81%<br>83%  | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83% 84% 83% 84%                                     | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50% 56% 60% 63% 67%  | 12% 31% 50% 54% 588 59% 67% 69% 70% 71% 78% 79% 80% 81% 85% 85% 85% 85% 87%                                       | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70% 71% 72% 74%                                 | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 97% 100% 100% 99%                             | 30%<br>32%<br>33%<br>33%<br>54%<br>64%<br>76%<br>83%<br>84%<br>95%<br>97%<br>97%<br>97%<br>97%<br>97%<br>97%         | 27% 24% 42% 50% 58% 64% 79% 84% 84% 891% 92% 91% 100% 100% 99% 95%                                     |
| Q<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 55<br>60 65<br>70 75<br>80 85<br>90 95<br>100   | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  56%  60%  63%  67%  70%                               | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75% 75% 85% 85% 84% 86% 89%                                       | 9% 19% 37% 42% 54% 59% 65% 66% 70% 74% 75% 75% 84% 84% 85% 87% 89%  | 10%<br>30%<br>52%<br>56%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%<br>82%<br>81%<br>81%<br>83%<br>83%   | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83% 84% 83% 84%                                     | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50% 51% 56% 60% 63% 67% 70%                                  | 12% 31% 50% 54% 58% 67% 69% 70% 71% 78% 79% 80% 81% 85% 85% 85% 85% 85% 87% 87%                                   | 10% 12% 23% 32% 36% 46% 59% 56% 56% 58% 59% 62% 62% 62% 71% 72% 74% 74%                             | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97% 97% 100% 100% 99%                     | 30% 32% 33% 33% 54% 64% 72% 76% 83% 84% 95% 97% 97% 97% 95% 95% 95% 95%  | 27% 24% 42% 50% 58% 64% 78% 78% 84% 88% 91% 92% 92% 97% 100% 100% 99% 95% 96%                          |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175             | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  60%  63%  67%  70%  74%  85%  79%                     | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 68% 72% 74% 75% 75% 85% 88% 89% 89% 93% 98% 100%                              | 9% 19% 37% 42% 54% 59% 62% 65% 66% 70% 74% 75% 75% 84% 85% 87% 89% 89% 93% 98% 100%                         | 10%<br>30%<br>52%<br>56%<br>61%<br>61%<br>68%<br>70%<br>71%<br>77%<br>78%<br>79%<br>788<br>82%<br>81%<br>81%<br>83%<br>83%<br>83%<br>84%<br>90%<br>98%<br>100% | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83% 84% 83% 84% 83% 84% 83% 84%                     | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50% 51% 56% 60% 63% 67% 70% 74% 85% 100%                     | 12% 31% 50% 54% 588% 59% 67% 69% 70% 71% 78% 79% 80% 81% 85% 85% 85% 85% 85% 85% 87% 87% 87% 87% 87% 87% 87% 87%  | 10% 12% 23% 32% 36% 46% 59% 56% 58% 52% 62% 62% 62% 70% 71% 72% 74% 74% 89% 94% 100%                | 26% 29% 28% 25% 48% 59% 68% 80% 81% 94% 95% 96% 100% 96% 97% 97% 100% 96% 99% 99% 86% 88%              | 30% 32% 33% 33% 54% 64% 72% 76% 83% 84% 95% 97% 97% 95% 97% 95% 95% 95% 95% 95%                                      | 27% 24% 42% 50% 58% 64% 78% 84% 84% 88% 91% 92% 92% 97% 100% 100% 99% 90% 96% 96% 96%                  |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200                  | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  56%  60%  63%  67%  70%  74%  85%  79%  74%           | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 68% 72% 74% 75% 75% 85% 885% 84% 86% 89% 89% 93% 98% 100% 108%                | 9% 19% 37% 42% 54% 59% 62% 65% 66% 70% 74% 75% 75% 84% 85% 87% 89% 89% 93% 93% 98% 100%                     | 10% 30% 52% 56% 61% 61% 68% 70% 71% 77% 78% 79% 788 82% 81% 81% 83% 84% 90% 98% 100% 96%   | 10% 11% 21% 32% 39% 48% 62% 64% 70% 77% 76% 80% 83% 84% 83% 84% 83% 84% 83% 84% 83% 84%                     | 0% 1% 5% 9% 17% 21% 26% 31% 35% 35% 35% 50% 51% 56% 60% 63% 67% 70% 74% 85% 100% 117%                        | 12% 31% 50% 54% 588% 59% 67% 69% 70% 71% 78% 80% 81% 85% 85% 85% 85% 85% 85% 87% 87% 87% 87% 88% 92% 100% 97% 98% | 10% 12% 23% 32% 36% 46% 59% 56% 58% 62% 62% 62% 70% 71% 72% 74% 74% 89% 94% 100% 101%               | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97% 97% 100% 96% 97% \$68% 88% 85%        | 30% 32% 33% 33% 54% 64% 72% 76% 83% 84% 95% 97% 97% 95% 95% 95% 95% 95% 95% 95% 95%                                  | 27% 24% 42% 50% 58% 64% 78% 84% 88% 91% 92% 97% 100% 100% 99% 96% 98% 101%                             |
| Q<br>1<br>5<br>10<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250                    | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  56%  60%  63%  67%  70%  74%  85%  79%  74%  70%      | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75% 85% 84% 86% 89% 89% 93% 93% 93% 93% 100%                      | 9% 19% 37% 42% 54% 59% 62% 65% 66% 70% 74% 74% 75% 77% 844% 85% 87% 89% 89% 93% 98% 100% 108% 122%          | 10% 30% 52% 56% 61% 61% 68% 70% 71% 77% 78% 79% 788 82% 82% 81% 81% 83% 84% 90% 98% 100% 96% 108%  | 10% 11% 21% 32% 39% 48% 62% 64% 70% 77% 76% 80% 83% 84% 83% 84% 83% 84% 83% 84% 83% 84% 83% 84% 83% 84% 83% | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50% 51% 56% 60% 63% 67% 70% 74% 85% 100% 117% 140%           | 12% 31% 50% 544% 588% 59% 67% 69% 70% 71% 788% 79% 80% 81% 85% 85% 85% 85% 85% 87% 87% 88% 92% 100% 97% 98% 107%  | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70% 71% 72% 74% 74% 89% 94% 100% 101% 106%      | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97% 97% 100% 96% 86% 88% 85% 81%          | 30% 32% 33% 33% 54% 64% 72% 76% 83% 84% 95% 97% 97% 97% 95% 97% 95% 97% 97% 95% 97% 97% 97%                          | 27% 24% 42% 50% 58% 64% 78% 84% 88% 91% 92% 97% 100% 100% 99% 96% 98% 101% 94%                         |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300 | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  56%  60%  63%  67%  70%  74%  85%  79%  74%  70%  65% | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75% 75% 85% 84% 86% 89% 89% 89% 93% 93% 93% 93% 93% 93% 93%       | 9% 19% 37% 42% 54% 59% 65% 66% 70% 74% 75% 75% 84% 84% 85% 87% 89% 89% 100% 108% 122% 128%                  | 10% 30% 52% 56% 61% 61% 68% 70% 71% 77% 78% 82% 81% 81% 81% 83% 83% 84% 90% 98% 100% 96% 108% 105%   | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83% 84% 83% 84% 83% 84% 83% 100% 104% 107% 112%     | 0% 1% 5% 9% 177% 218 26% 31% 34% 35% 37% 38% 45% 50% 51% 56% 60% 63% 67% 70% 74% 85% 100% 117% 140% 122%     | 12% 31% 50% 544% 588% 599% 679% 699% 711% 788% 799% 80% 811% 855% 855% 857% 879% 817% 100% 979% 988% 107% 104%    | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70% 71% 72% 74% 74% 89% 94% 100% 101% 106% 110% | 26% 29% 28% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97% 100% 100% 99% 92% 86% 88% 85% 81% | 30% 32% 33% 33% 54% 64% 76% 83% 84% 95% 97% 97% 97% 96% 95% 97% 97% 96% 95% 97% 96% 95% 85% 79% 70% 65%              | 27% 24% 42% 50% 58% 64% 78% 84% 84% 84% 91% 92% 97% 100% 100% 99% 95% 90% 96% 96% 96% 98% 101% 94% 91% |
| Q<br>1 5 10<br>15 20<br>25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 1000 125 1500 175 2000 250 3000 350   | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  56%  60%  63%  67%  70%  74%  85%  79%  74%  65%  60% | E. gra.  10% 20% 39% 45% 57% 61% 64% 688% 72% 74% 75% 75% 75% 85% 85% 84% 86% 89% 89% 93% 98% 100% 108% 122% 127% 140% | 9% 19% 37% 42% 54% 59% 65% 66% 70% 74% 74% 75% 75% 84% 84% 85% 87% 89% 89% 93% 98% 100% 108% 122% 128% 136% | 10% 30% 52% 56% 61% 61% 68% 70% 71% 77% 78% 82% 81% 81% 83% 84% 90% 98% 100% 96% 108%  | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83% 84% 83% 84% 83% 94% 100% 104% 107% 112% 117%    | 0% 1% 5% 9% 17% 21% 26% 31% 34% 35% 37% 38% 45% 50% 51% 56% 60% 63% 67% 70% 74% 85% 100% 117% 140% 122% 136% | 12% 31% 50% 54% 58% 59% 67% 69% 70% 71% 78% 79% 80% 81% 85% 85% 85% 85% 87% 87% 88% 92% 100% 97% 98% 107% 104%    | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 71% 74% 74% 74% 74% 100% 110% 113%              | 26% 29% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97% 97% 100% 100% 99% 88% 88% 88% 88% 88% | 30% 32% 33% 33% 54% 64% 76% 83% 84% 95% 97% 97% 97% 95% 97% 95% 95% 97% 96% 95% 95% 95% 60%                          | 27% 24% 42% 50% 58% 64% 79% 84% 84% 88% 91% 92% 92% 97% 100% 100% 99% 99% 95% 101% 94% 91% 86%         |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300 | Min All  0%  1%  5%  9%  17%  21%  26%  31%  34%  35%  37%  38%  45%  50%  51%  56%  60%  63%  67%  70%  74%  85%  79%  74%  70%  65% | E. gra.  10% 20% 39% 45% 57% 61% 64% 68% 72% 74% 75% 75% 75% 85% 84% 86% 89% 89% 89% 93% 93% 93% 93% 93% 93% 93%       | 9% 19% 37% 42% 54% 59% 65% 66% 70% 74% 75% 75% 84% 84% 85% 87% 89% 89% 100% 108% 122% 128%                  | 10% 30% 52% 56% 61% 61% 68% 70% 71% 77% 78% 82% 81% 81% 81% 83% 83% 84% 90% 98% 100% 96% 108% 105%   | 10% 11% 21% 32% 39% 48% 62% 64% 70% 71% 73% 77% 76% 80% 83% 84% 83% 84% 83% 84% 83% 100% 104% 107% 112%     | 0% 1% 5% 9% 177% 218 26% 31% 34% 35% 37% 38% 45% 50% 51% 56% 60% 63% 67% 70% 74% 85% 100% 117% 140% 122%     | 12% 31% 50% 544% 588% 599% 679% 699% 711% 788% 799% 80% 811% 855% 855% 857% 879% 817% 100% 979% 988% 107% 104%    | 10% 12% 23% 32% 36% 46% 59% 56% 58% 59% 62% 62% 62% 70% 71% 72% 74% 74% 89% 94% 100% 101% 106% 110% | 26% 29% 28% 28% 25% 48% 59% 68% 73% 80% 81% 94% 95% 96% 100% 96% 97% 100% 100% 99% 92% 86% 88% 85% 81% | 30% 32% 33% 33% 54% 64% 76% 83% 84% 95% 97% 97% 97% 96% 95% 97% 97% 96% 95% 97% 96% 95% 85% 79% 70% 65%              | 27% 24% 42% 50% 58% 64% 78% 84% 84% 84% 91% 92% 97% 100% 100% 99% 95% 90% 96% 96% 96% 98% 101% 94% 91% |

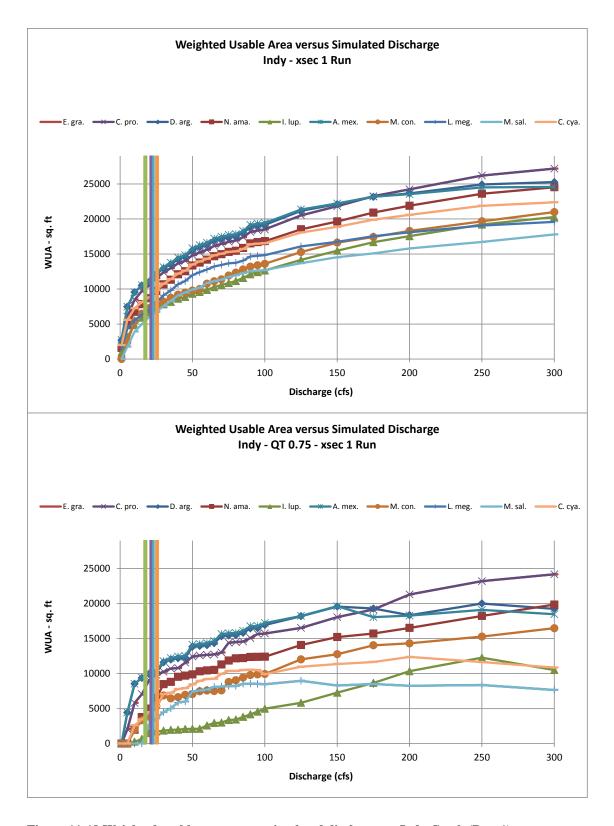


Figure 11-18 Weighted usable area versus simulated discharge at Indy Creek (Run 1).

Table 11-18 Percent of maximum WUA versus simulated discharge at Indy Creek (Run 1).

| Indy - x<br>Q   | sec 1 Run<br>Min All  | E. gra.  | C. pro.  | D. arg.   | N. ama.  | I. lup.   | A. mex.   | M. con.   | L. meg.   | M. sal.   | C. cya.  |
|---|---|--|--|---|--|---|---|---|---|---|--|
| 1   | 0%  | 9%   | 9%   | 12%   | 8%   | 6%  | 12%   | 0%  | 9%  | 0%  | 10%  |
| 5   | 12%   | 26%  | 26%  | 32%   | 23%  | 19%   | 32%   | 14%   | 25%   | 12%   | 28%  |
| 10  | 26%   | 36%  | 36%  | 41%   | 32%  | 29%   | 41%   | 31%   | 32%   | 26%   | 36%  |
| 15  | 33%   | 42%  | 42%  | 45%   | 37%  | 35%   | 45%   | 37%   | 36%   | 33%   | 41%  |
| 20  | 40%   | 45%  | 45%  | 47%   | 42%  | 40%   | 48%   | 42%   | 40%   | 40%   | 44%  |
| 25  | 44%   | 50%  | 50%  | 52%   | 46%  | 44%   | 53%   | 44%   | 46%   | 45%   | 49%  |
| 30  | 47%   | 53%  | 53%  | 56%   | 51%  | 47%   | 57%   | 47%   | 52%   | 50%   | 54%  |
| 35  | 49%   | 56%  | 56%  | 58%   | 54%  | 49%   | 59%   | 50%   | 56%   | 55%   | 57%  |
| 40  | 52%   | 59%  | 59%  | 61%   | 58%  | 52%   | 62%   | 53%   | 61%   | 60%   | 61%  |
| 45  | 53%   | 60%  | 60%  | 63%   | 60%  | 53%   | 64%   | 54%   | 64%   | 63%   | 63%  |
| 50  | 56%   | 64%  | 64%  | 67%   | 64%  | 56%   | 68%   | 56%   | 68%   | 66%   | 68%  |
| 55  | 57%   | 66%  | 66%  | 69%   | 66%  | 57%   | 70%   | 57%   | 71%   | 68%   | 70%  |
| 60  | 59%   | 67%  | 67%  | 70%   | 68%  | 59%   | 72%   | 62%   | 73%   | 72%   | 72%  |
| 65  | 62%   | 69%  | 69%  | 73%   | 70%  | 62%   | 74%   | 64%   | 75%   | 74%   | 74%  |
| 70  | 63%   | 71%  | 71%  | 74%   | 72%  | 63%   | 75%   | 65%   | 77%   | 75%   | 76%  |
| 75  | 65%   | 72%  | 72%  | 75%   | 73%  | 65%   | 76%   | 68%   | 78%   | 78%   | 77%  |
| 80  | 67%   | 73%  | 73%  | 76%   | 74%  | 67%   | 77%   | 71%   | 78%   | 79%   | 77%  |
| 85  | 69%   | 75%  | 75%  | 78%   | 76%  | 69%   | 79%   | 73%   | 80%   | 81%   | 79%  |
| 90  | 73%   | 78%  | 78%  | 81%   | 79%  | 73%   | 83%   | 76%   | 84%   | 83%   | 82%  |
| 95  | 74%   | 79%  | 79%  | 82%   | 80%  | 74%   | 83%   | 77%   | 84%   | 84%   | 83%  |
| 100   | 76%   | 80%  | 80%  | 83%   | 80%  | 76%   | 84%   | 78%   | 85%   | 84%   | 83%  |
| 125   | 85%   | 88%  | 88%  | 91%   | 89%  | 85%   | 92%   | 88%   | 92%   | 91%   | 91%  |
| 150   | 93%   | 94%  | 94%  | 95%   | 94%  | 93%   | 96%   | 95%   | 96%   | 96%   | 95%  |
| 175   | 100%  | 100%   | 100%   | 100%  | 100%   | 100%  | 100%  | 100%  | 100%  | 100%  | 100%   |
| 200   | 102%  | 104%   | 104%   | 102%  | 105%   | 105%  | 102%  | 105%  | 103%  | 105%  | 103%   |
| 250   | 106%  | 113%   | 113%   | 108%  | 113%   | 115%  | 106%  | 113%  | 109%  | 111%  | 110%   |
| 300   | 106%  | 117%   | 117%   | 109%  | 117%   | 122%  | 106%  | 120%  | 112%  | 118%  | 113%   |
| 350   | 105%  | 119%   | 119%   | 109%  | 120%   | 128%  | 105%  | 125%  | 113%  | 121%  | 113%   |
| 400<br>500  | 104%<br>103%  | 121%<br>122%   | 121%<br>122%   | 109%<br>105%  | 121%<br>122%   | 134%<br>145%  | 104%<br>103%  | 129%  | 112%<br>105%  | 123%<br>120%  | 112%<br>109%   |
|   | QT 0.75 - xsec  | 1 Run  |  | 10370   | 122/0  |   | 105%  | 132%  | 10370   |   |  |
|   | QT 0.75 - xsec<br>Min All<br>0%<br>0%   | 1 Run<br>E. gra.<br>0%<br>11%  | C. pro.<br>0%<br>11%   | D. arg.<br>0%<br>23%  | N. ama.<br>0%<br>0%  | I. lup.<br>0%<br>0%   | A. mex.<br>0%<br>23%  | M. con.<br>0%<br>0%   | L. meg.<br>0%<br>0%   | M. sal.<br>0%<br>0%   | C. cya.<br>0%<br>0%  |
| Indy - C  | Min All<br>0%   | E. gra.<br>0%  | C. pro.<br>0%  | D. arg.<br>0%   | N. ama.<br>0%  | I. lup.<br>0%   | A. mex.<br>0%   | M. con.<br>0%   | L. meg.<br>0%   | M. sal.<br>0%   | C. cya.<br>0%  |
| Indy - C<br>Q<br>1<br>5   | Min All<br>0%<br>0%   | E. gra.<br>0%<br>11%   | C. pro.<br>0%<br>11%   | D. arg.<br>0%<br>23%  | N. ama.<br>0%<br>0%  | I. lup.<br>0%<br>0%   | A. mex.<br>0%<br>23%  | M. con.<br>0%<br>0%   | L. meg.<br>0%<br>0%   | M. sal.<br>0%<br>0%   | C. cya.<br>0%<br>0%  |
| Indy - C<br>Q<br>1<br>5   | Min All<br>0%<br>0%<br>0%   | E. gra.<br>0%<br>11%<br>30%  | C. pro.<br>0%<br>11%<br>30%  | D. arg.<br>0%<br>23%<br>44%   | N. ama.<br>0%<br>0%<br>13%   | I. lup.<br>0%<br>0%<br>3%   | A. mex.<br>0%<br>23%<br>44%   | M. con.<br>0%<br>0%<br>14%  | L. meg.<br>0%<br>0%<br>0%   | M. sal.<br>0%<br>0%<br>0%   | C. cya.<br>0%<br>0%<br>22%   |
| Indy - C<br>Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>0%<br>0%   | E. gra.<br>0%<br>11%<br>30%<br>37%   | C. pro.<br>0%<br>11%<br>30%<br>37%   | D. arg.<br>0%<br>23%<br>44%<br>48%  | N. ama.<br>0%<br>0%<br>13%<br>24%  | I. lup.<br>0%<br>0%<br>3%<br>8%   | A. mex.<br>0%<br>23%<br>44%<br>48%  | M. con.<br>0%<br>0%<br>14%<br>24%   | L. meg.<br>0%<br>0%<br>0%   | M. sal.<br>0%<br>0%<br>0%<br>0%   | C. cya.<br>0%<br>0%<br>22%<br>30%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | Min All 0% 0% 0% 0% 17% 20%   | E. gra.  0%  11%  30%  37%  47%  51%   | C. pro.<br>0%<br>11%<br>30%<br>37%<br>47%<br>51%   | D. arg.<br>0%<br>23%<br>44%<br>48%<br>51%<br>52%<br>59%   | N. ama.<br>0%<br>0%<br>13%<br>24%<br>32%<br>41%<br>54%   | I. lup.<br>0%<br>0%<br>3%<br>8%<br>17%<br>20%<br>21%  | A. mex.<br>0%<br>23%<br>44%<br>48%<br>51%<br>53%<br>60%   | M. con.<br>0%<br>0%<br>14%<br>24%<br>27%<br>38%<br>49%  | L. meg.<br>0%<br>0%<br>0%<br>0%<br>30%<br>40%   | M. sal.<br>0%<br>0%<br>0%<br>0%<br>30%<br>40%   | C. cya.<br>0%<br>0%<br>22%<br>30%<br>39%<br>46%<br>61%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | Min All 0% 0% 0% 0% 17% 20% 21% 23%   | E. gra.  0%  11%  30%  37%  47%  51%  54%  56%   | C. pro.<br>0%<br>11%<br>30%<br>37%<br>47%<br>51%<br>54%<br>56%   | D. arg.  0%  23%  44%  48%  51%  52%  59%  61%  | N. ama.<br>0%<br>0%<br>13%<br>24%<br>32%<br>41%<br>54%<br>56%  | 1. lup.<br>0%<br>0%<br>3%<br>8%<br>17%<br>20%<br>21%<br>23%   | A. mex.<br>0%<br>23%<br>44%<br>48%<br>51%<br>53%<br>60%<br>62%  | M. con.<br>0%<br>0%<br>14%<br>24%<br>27%<br>38%<br>49%<br>46%   | L. meg.<br>0%<br>0%<br>0%<br>0%<br>30%<br>40%<br>50%<br>56%   | M. sal.<br>0%<br>0%<br>0%<br>0%<br>30%<br>40%<br>50%  | C. cya.<br>0%<br>0%<br>22%<br>30%<br>39%<br>46%<br>61%<br>62%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | Min All 0% 0% 0% 0% 17% 20% 21% 23% 23%   | E. gra.  0%  11%  30%  37%  47%  51%  54%  56%  56%  | C. pro.<br>0%<br>11%<br>30%<br>37%<br>47%<br>51%<br>54%<br>56%   | D. arg.<br>0%<br>23%<br>44%<br>48%<br>51%<br>52%<br>59%<br>61%<br>62%   | N. ama.<br>0%<br>0%<br>13%<br>24%<br>32%<br>41%<br>54%<br>56%<br>61%   | 1. lup.<br>0%<br>0%<br>3%<br>8%<br>17%<br>20%<br>21%<br>23%<br>23%  | A. mex.<br>0%<br>23%<br>44%<br>48%<br>51%<br>53%<br>60%<br>62%<br>63%   | M. con.<br>0%<br>0%<br>14%<br>24%<br>27%<br>38%<br>49%<br>46%<br>47%  | L. meg.<br>0%<br>0%<br>0%<br>0%<br>30%<br>40%<br>50%<br>56%<br>66%  | M. sal.<br>0%<br>0%<br>0%<br>0%<br>0%<br>40%<br>50%<br>56%<br>66%   | C. cya.<br>0%<br>0%<br>22%<br>30%<br>39%<br>46%<br>61%<br>62%<br>67%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All 0% 0% 0% 0% 17% 20% 21% 23% 23% 24%   | E. gra.  0%  11%  30%  37%  47%  51%  54%  56%  60%  | C. pro.<br>0%<br>11%<br>30%<br>37%<br>47%<br>51%<br>54%<br>56%<br>60%  | D. arg.<br>0%<br>23%<br>44%<br>48%<br>51%<br>52%<br>59%<br>61%<br>62%<br>63%                                  | N. ama.<br>0%<br>0%<br>13%<br>24%<br>32%<br>41%<br>54%<br>56%<br>61%<br>62%  | I. lup.<br>0%<br>0%<br>3%<br>8%<br>17%<br>20%<br>21%<br>23%<br>23%<br>24%   | A. mex.<br>0%<br>23%<br>44%<br>48%<br>51%<br>53%<br>60%<br>62%<br>63%<br>64%  | M. con.<br>0%<br>0%<br>14%<br>24%<br>27%<br>38%<br>49%<br>46%<br>47%<br>50%   | L. meg.<br>0%<br>0%<br>0%<br>0%<br>0%<br>30%<br>40%<br>50%<br>56%<br>66%<br>67%                                       | M. sal. 0% 0% 0% 0% 40% 50% 56% 66%   | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50                                     | Min All 0% 0% 0% 0% 17% 21% 23% 24% 24%   | E. gra.  0%  11%  30%  37%  47%  51%  56%  66%  65%  | C. pro. 0% 11% 30% 37% 47% 51% 54% 56% 60% 65%   | D. arg.  0%  23%  44%  48%  51%  52%  61%  62%  63%  71%  | N. ama.<br>0%<br>0%<br>13%<br>24%<br>32%<br>41%<br>54%<br>56%<br>61%<br>62%<br>63%   | 1. lup.<br>0%<br>0%<br>3%<br>8%<br>17%<br>20%<br>21%<br>23%<br>23%<br>24%<br>24%  | A. mex.<br>0%<br>23%<br>44%<br>48%<br>51%<br>53%<br>60%<br>62%<br>63%<br>64%<br>72%   | M. con.<br>0%<br>0%<br>14%<br>24%<br>27%<br>38%<br>49%<br>46%<br>47%<br>50%   | L. meg.  0%  0%  0%  0%  40%  50%  66%  67%  83%  | M. sal.  0%  0%  0%  0%  40%  50%  66%  67%  83%  | C. cya.  0%  0%  22%  30%  46%  61%  62%  67%  68%  72%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55                               | Min All 0% 0% 0% 0% 17% 20% 21% 23% 24% 24%   | E. gra.  0% 11% 30% 37% 47% 51% 56% 66% 66%  | C. pro.  0%  11%  30%  37%  47%  51%  56%  66%  65%  66%   | D. arg.  0%  23%  44%  48%  51%  52%  61%  62%  63%  71%  71%   | N. ama.  0%  0%  13%  24%  32%  41%  54%  56%  61%  62%  63%  66%  | 1. lup.<br>0%<br>0%<br>3%<br>8%<br>17%<br>20%<br>21%<br>23%<br>24%<br>24%<br>24%  | A. mex.  0%  23%  44%  48%  51%  60%  62%  63%  64%  72%  72%   | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  | L. meg.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  | M. sal.  0%  0%  0%  0%  40%  50%  56%  66%  67%  83%  85%  | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 55 60   | Min All 0% 0% 0% 0% 17% 20% 21% 23% 24% 24% 24% 30%   | E. gra.  0%  11%  30%  37%  47%  51%  56%  56%  66%  66%   | C. pro.  0%  11%  30%  37%  47%  51%  56%  66%  66%  66%   | D. arg.  0%  23%  44%  48%  51%  52%  61%  62%  63%  71%  71%  72%  | N. ama.  0%  0%  13%  24%  32%  41%  56%  61%  62%  63%  66%  66%  | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%   | A. mex.  0%  23%  44%  48%  51%  60%  62%  63%  64%  72%  73%   | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  53%   | L. meg.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%   | M. sal.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%   | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  79%   |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 55 60 65  | Min All 0% 0% 0% 0% 17% 20% 21% 23% 24% 24% 24% 30% 34%   | E. gra.  0%  11%  30%  37%  47%  51%  56%  66%  66%  66%  67%  | C. pro.  0%  11%  30%  37%  47%  51%  56%  66%  66%  66%  67%  | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 71% 72% 73%   | N. ama.  0%  0%  13%  24%  32%  41%  56%  61%  62%  63%  66%  66%  67%   | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  | A. mex.  0%  23%  44%  48%  51%  63%  62%  63%  64%  72%  73%  75%  | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  53%  54%  | L. meg.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  | M. sal.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  79%  80%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70             | Min All 0% 0% 0% 0% 17% 20% 21% 23% 24% 24% 30% 34% 35%   | E. gra.  0%  11%  30%  37%  47%  51%  56%  66%  66%  66%  66%  67%  68%                                      | C. pro.  0%  11%  30%  37%  47%  51%  54%  56%  66%  66%  66%  66%  67%  68%   | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 71% 72% 73%   | N. ama.  0%  0%  13%  24%  32%  41%  54%  66%  66%  66%  67%  72%  | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%   | A. mex.  0% 23% 44% 48% 51% 53% 60% 62% 63% 64% 72% 73% 75% 80%   | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  53%  54%  54%   | L. meg.  0%  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%   | M. sal.  0%  0%  0%  0%  0%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%   | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  79%  80%  85%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75                   | Min All  0%  0%  0%  0%  17%  20%  21%  23%  24%  24%  30%  34%  35%  39%   | E. gra.  0%  11%  30%  37%  47%  51%  56%  66%  66%  66%  67%  68%  75%                                      | C. pro.  0%  11%  30%  37%  47%  51%  56%  66%  66%  66%  67%  68%  75%  | D. arg.  0% 23% 44% 48% 51% 52%  59% 61% 62% 63% 71% 71% 72% 73% 78%  | N. ama.  0%  0%  13%  24%  32%  41%  54%  66%  66%  66%  67%  72%  75%   | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  | A. mex.  0% 23% 44% 48% 51% 53% 60% 62% 63% 644% 72% 73% 75% 80% 80%  | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  54%  54%  54%  63%  | L. meg.  0%  0%  0%  0%  0%  30%  40%  50%  66%  67%  83%  85%  86%  90%  91%  92%                                    | M. sal.  0%  0%  0%  0%  0%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%                                    | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  79%  80%  85%  89%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80             | Min All  0%  0%  0%  0%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%   | E. gra.  0%  11%  30%  37%  47%  51%  56%  66%  66%  66%  67%  68%  75%  76%                                 | C. pro.  0%  11% 30% 37% 47% 51%  54% 56% 66% 66% 66% 66% 67% 68% 75% 76%  | D. arg.  0% 23% 44% 48% 51% 52%  59% 61% 62% 63% 71% 72% 73% 78% 79%  | N. ama.  0%  0%  13%  24%  32%  41%  56%  61%  62%  66%  66%  67%  72%  75%  77%   | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%   | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  73%  75%  80%  80%  81%  | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  53%  54%  54%  63%  65%  | L. meg.  0%  0%  0%  0%  0%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%                                    | M. sal.  0%  0%  0%  0%  0%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%                                    | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  79%  80%  85%  89%   |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65<br>70<br>75<br>80<br>85 | Min All  0%  0%  0%  0%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  | E. gra.  0%  11%  30%  37%  47%  51%  54%  56%  66%  66%  66%  67%  68%  75%  76%                            | C. pro.  0%  11%  30%  37%  47%  51%  54%  56%  60%  65%  66%  66%  67%  68%  75%  76%  76%  | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 71% 72% 73% 78% 79% 81%                                       | N. ama.  0%  0%  13%  24%  32%  41%  56%  61%  62%  63%  66%  66%  77%  75%  77%   | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%   | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  73%  75%  80%  80%  81%  | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  53%  54%  54%  63%  65%  67%   | L. meg.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%                              | M. sal.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%                              | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  80%  85%  89%  89%  |
| Indy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90 | Min All  0%  0%  0%  0%  17%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  | E. gra.  0% 11% 30% 37% 47% 51% 56% 66% 66% 66% 67% 68% 75% 76% 76% 79%                                      | C. pro.  0%  11%  30%  37%  47%  51%  56%  66%  66%  66%  66%  67%  68%  75%  76%  79%   | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 72% 73% 78% 79% 84%   | N. ama.  0%  0%  13%  24%  32%  41%  56%  61%  62%  63%  66%  67%  72%  75%  77%  78%  79%   | 1. lup. 0% 0% 3% 8% 17% 20% 21% 23% 24% 24% 30% 34% 35% 39% 40% 44% 48%   | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  72%  75%  80%  80%  81%  82%  85%  | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  53%  54%  54%  65%  67%  70%   | L. meg.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%                         | M. sal.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  90%  91%  92%  95%  95%                              | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  80%  85%  89%  90%  90%                                     |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95  | Min All  0%  0%  0%  0%  17%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%   | E. gra.  0% 11% 30% 37% 47% 51% 56% 66% 66% 66% 67% 68% 75% 76% 76% 79% 82%                                  | C. pro.  0%  11%  30%  37%  47%  51%  54%  56%  60%  65%  66%  66%  67%  68%  76%  76%  79%  82%   | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 72% 73% 78% 79% 81% 84% 84%                                   | N. ama.  0%  0%  13%  24%  32%  41%  54%  61%  62%  63%  66%  77%  78%  79%  79%   | 1. lup. 0% 0% 3% 8% 17% 20% 21% 23% 24% 24% 30% 34% 35% 39% 40% 44% 48%   | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  73%  75%  80%  80%  81%  82%  85%  86%                                     | M. con. 0% 0% 14% 24% 27% 38% 49% 46% 47% 50% 50% 54% 54% 65% 67% 70%   | L. meg.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%                         | M. sal.  0%  0%  0%  0%  30%  40%  50%  66%  67%  83%  85%  91%  92%  95%  95%  | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  80%  85%  89%  90%  90%                                     |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100  | Min All  0%  0%  0%  0%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%                               | E. gra.  0% 11% 30% 37% 47% 51% 56% 66% 66% 66% 67% 68% 75% 76% 79% 82% 82%                                  | C. pro.  0%  11%  30%  37%  47%  51%  54%  56%  66%  66%  67%  68%  76%  76%  76%  7   | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 72% 73% 78% 79% 81% 84% 84% 84%                               | N. ama.  0%  0%  13%  24%  32%  41%  54%  66%  66%  67%  72%  77%  78%  79%  79%  79%  | 1. lup. 0% 0% 3% 8% 17% 20% 21% 23% 24% 24% 30% 34% 35% 39% 40% 44% 48% 53% 58%   | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  73%  75%  80%  81%  82%  85%  86%  88%                                     | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  54%  54%  64%  65%  67%  70%  70%  71%                                    | L. meg.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%                         | M. sal.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  91%  92%  92%  95%  95%  95%                         | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  79%  80%  85%  89%  90%  90%  90%                           |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95  | Min All  0%  0%  0%  0%  17%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%   | E. gra.  0% 11% 30% 37% 47% 51% 56% 66% 66% 66% 67% 68% 75% 76% 76% 79% 82%                                  | C. pro.  0%  11%  30%  37%  47%  51%  54%  56%  66%  66%  67%  68%  76%  76%  76%  7   | D. arg.  0% 23% 44% 48% 51% 59% 61% 62% 63% 71% 72% 73% 78% 79% 81% 84% 84% 84% 87%                           | N. ama.  0%  0%  13%  24%  32%  41%  54%  66%  66%  67%  72%  78%  79%  79%  79%  90%  | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%                                    | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  73%  75%  80%  80%  81%  82%  85%  86%                                     | M. con. 0% 0% 14% 24% 27% 38% 49% 46% 47% 50% 50% 54% 54% 65% 67% 70%   | L. meg.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  100%                   | M. sal.  0%  0%  0%  0%  30%  40%  50%  66%  67%  83%  85%  91%  92%  95%  95%  | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  80%  85%  89%  90%  90%                                     |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125  | Min All  0%  0%  0%  0%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%                          | E. gra.  0% 11% 30% 37% 47% 51% 54% 56% 66% 66% 67% 68% 75% 76% 76% 79% 82% 82% 86%                          | C. pro.  0%  11%  30%  37%  47%  51%  54%  56%  66%  66%  67%  68%  76%  76%  76%  7   | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 72% 73% 78% 79% 81% 84% 84% 84%                               | N. ama.  0%  0%  13%  24%  32%  41%  54%  66%  66%  67%  72%  77%  78%  79%  79%  79%  | 1. lup. 0% 0% 3% 8% 17% 20% 21% 23% 24% 24% 30% 34% 35% 39% 40% 44% 48% 53% 58%   | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  73%  75%  80%  81%  82%  88%  88%  93%                                     | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  53%  54%  54%  65%  67%  70%  70%  71%  86%                               | L. meg.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%                         | M. sal.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  100%                   | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  79%  80%  85%  89%  90%  90%  90%  94%                      |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150  | Min All  0%  0%  0%  0%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%                     | E. gra.  0% 11% 30% 37% 47% 51% 54% 56% 66% 66% 67% 68% 75% 76% 79% 82% 82% 86% 94%                          | C. pro.  0%  11%  30%  37%  47%  51%  54%  56%  66%  66%  67%  68%  75%  76%  76%  78%  82%  82%  86%  94%   | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 72% 73% 78% 78% 79% 81% 84% 84% 84% 87% 93% 100%              | N. ama.  0% 0% 13% 24% 32% 41% 56% 61% 62% 63% 66% 67% 72% 75% 77% 78% 79% 90% 97%   | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%                               | A. mex.  0% 23% 44% 48% 51% 53% 60% 62% 63% 64% 72% 73% 75% 80% 81% 82% 85% 86% 88% 93% 100%  | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  53%  54%  54%  63%  63%  67%  70%  71%  86%  91%                          | L. meg.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  95%  95%  93%          | M. sal.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  95%  95%  93%          | C. cya.  0% 0% 22% 30% 39% 46% 61% 62% 67% 68% 72% 77% 79% 80% 85% 89% 90% 90% 85% 94% 94%                                     |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175                                    | Min All  0%  0%  0%  0%  17%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%  92%                     | E. gra.  0% 11% 30% 37% 47% 51% 54% 56% 66% 66% 67% 68% 75% 76% 79% 82% 82% 86% 94% 100%                     | C. pro.  0%  11% 30% 37% 47% 51%  54% 56% 66% 66% 67% 68% 75% 76% 76% 76% 79% 82% 82% 86% 94% 100%   | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 72% 73% 78% 79% 81% 84% 84% 84% 87% 93% 100%                  | N. ama.  0% 0% 13% 24% 32% 41% 56% 61% 66% 67% 72% 75% 77% 78% 79% 90% 97% 100%  | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  58%  67%  84%  100%                              | A. mex.  0% 23% 44% 48% 51% 53% 60% 62% 63% 64% 72% 73% 75% 80% 81% 82% 85% 86% 88% 93% 100% 92%  | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  53%  54%  54%  63%  65%  67%  70%  70%  71%  86%  91%  100%               | L. meg.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  95%  95%  95%          | M. sal.  0%  0%  0%  0%  30%  40%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  95%  95%               | C. cya.  0% 0% 22% 30% 39% 46% 61% 62% 67% 68% 72% 77% 79% 80% 85% 89% 90% 90% 85% 94% 94% 98% 100%                            |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200                                | Min All  0%  0%  0%  0%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%  92%                | E. gra.  0% 11% 30% 37% 47% 51% 54% 56% 66% 66% 66% 67% 68% 75% 76% 76% 79% 82% 82% 82% 86% 94% 100% 111%    | C. pro.  0%  11% 30% 37% 47% 51%  54% 56% 66% 66% 66% 67% 68% 75% 76% 76% 76% 82% 82% 86% 94% 100% 111%  | D. arg.  0% 23% 44% 48% 51% 52%  59% 61% 62% 63% 71% 72% 73% 78% 79% 84% 84% 84% 84% 84% 87% 93% 100% 99%     | N. ama.  0%  0%  13%  24%  32%  41%  56%  61%  62%  63%  66%  66%  72%  75%  77%  78%  79%  79%  90%  90%  90%  100%               | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%  100%  119%                   | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  73%  75%  80%  81%  82%  85%  86%  88%  93%  100%  92%  93%                | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  53%  54%  54%  63%  65%  67%  70%  70%  70%  71%  86%  91%  100%  102%         | L. meg.  0%  0%  0%  0%  0%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  95%  95%  95%  95  | M. sal.  0%  0%  0%  0%  0%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  95%  95%  95%  95  | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  79%  80%  85%  89%  89%  90%  90%  90%  90%  94%  94%  98%  100% |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250 300 350                    | Min All  0%  0%  0%  0%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%  92%  93%  85%  84% | E. gra.  0% 11% 30% 37% 47% 51% 56% 66% 66% 66% 67% 68% 75% 76% 76% 79% 82% 88% 94% 100% 111% 121% 126% 135% | C. pro.  0%  11%  30%  37%  47%  51%  54%  56%  60%  65%  66%  66%  67%  68%  76%  76%  76%  79%  82%  82%  86%  94%  100%  111%  121%  126%  135% | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 72% 73% 78% 79% 81% 84% 84% 84% 87% 93% 100% 99% 94% 102% 98% | N. ama.  0%  0%  13%  24%  32%  41%  56%  61%  62%  63%  66%  77%  78%  79%  79%  79%  90%  90%  100%  105%  116%  126%  125%      | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%  100%  119%  142%  121%  130% | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  73%  75%  80%  80%  81%  82%  85%  86%  88%  93%  100%  92%  93%  94%  88% | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  50%  54%  54%  54%  65%  67%  70%  71%  86%  91%  100%  102%  109%  117%  116% | L. meg.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  95%  95%  95%  95 | M. sal.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  86%  90%  91%  92%  95%  95%  95%  95%  95%  95%  95 | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  72%  77%  80%  85%  89%  90%  90%  90%  90%  100%  100%  93%  98%     |
| Indy - C Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250 300                        | Min All  0%  0%  0%  0%  17%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%  92%  93%  85%           | E. gra.  0% 11% 30% 37% 47% 51% 54% 56% 60% 65% 66% 67% 68% 75% 76% 76% 79% 82% 82% 86% 94% 100% 111% 121%   | C. pro.  0%  11% 30% 37% 47% 51% 56% 66% 66% 66% 66% 66% 67% 68% 75% 76% 79% 82% 82% 82% 84% 100% 111% 121% 126%                                   | D. arg.  0% 23% 44% 48% 51% 52% 61% 62% 63% 71% 71% 72% 73% 78% 79% 81% 844% 847% 93% 100% 99% 94% 102% 98%   | N. ama.  0%  0%  13%  24%  32%  41%  56%  61%  62%  63%  66%  67%  72%  75%  77%  78%  79%  79%  90%  90%  9100%  105%  116%  126% | 1. lup.  0%  0%  3%  8%  17%  20%  21%  23%  24%  24%  24%  30%  34%  35%  39%  40%  44%  48%  53%  58%  67%  84%  100%  119%  142%  121%       | A. mex.  0%  23%  44%  48%  51%  53%  60%  62%  63%  64%  72%  72%  75%  80%  80%  81%  82%  85%  86%  88%  93%  100%  92%  93%  97%  94% | M. con.  0%  0%  14%  24%  27%  38%  49%  46%  47%  50%  53%  54%  54%  65%  67%  70%  70%  71%  86%  91%  100%  102%  109%  117%       | L. meg.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  90%  91%  92%  95%  95%  95%  95%  95%  95%  95      | M. sal.  0%  0%  0%  0%  30%  40%  50%  56%  66%  67%  83%  85%  90%  91%  92%  95%  95%  95%  95%  95%  95%  95      | C. cya.  0%  0%  22%  30%  39%  46%  61%  62%  67%  68%  77%  79%  80%  85%  89%  90%  90%  90%  91%  100%  93%                |

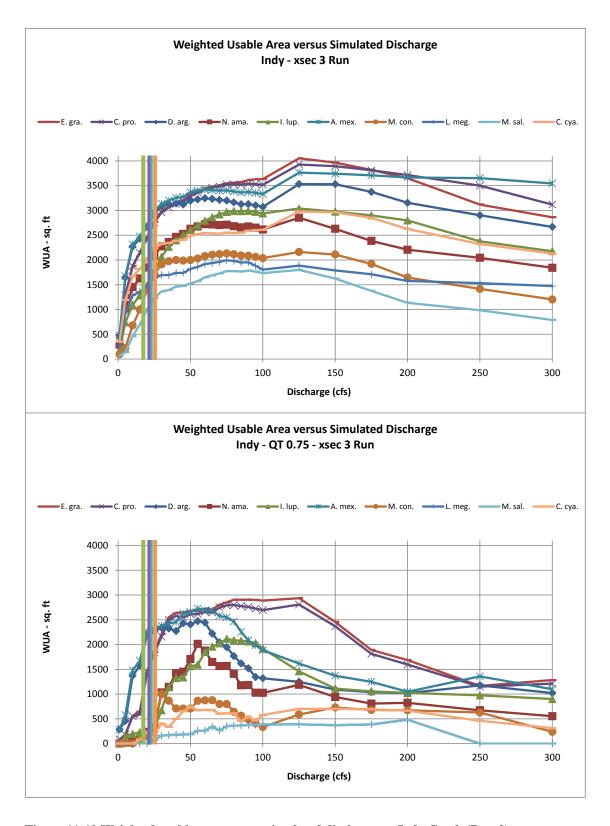


Figure 11-19 Weighted usable area versus simulated discharge at Indy Creek (Run 2).

Table 11-19 Percent of maximum WUA versus simulated discharge at Indy Creek (Run 2).

| •   | sec 3 Run  | Г   | C  | D ===  | N. ama   | Live   | A  | 14   |   | Maal   | C 0110   |
|---|--|---|--|--|--|--|--|--|---|--|--|
| _Q_   | Min All  | E. gra.   | C. pro.  | D. arg.  | N. ama.  | I. lup.  | A. mex.  | M. con.  | L. meg.   | M. sal.  | C. cya.  |
| 1   | 4%   | 9%  | 9%   | 13%<br>47%   | 10%<br>36%   | 6%   | 13%<br>44%   | 4%<br>10%  | 14%<br>46%  | 4%<br>8%   | 12%<br>40%   |
| 5<br>10   | 8%   | 32%   | 33%  |  |  | 24%  |  |  |   |  |  |
| 15  | 26%<br>39%   | 46%   | 48%  | 64%  | 51%  | 36%  | 61%  | 31%<br>46%   | 64%   | 26%<br>39%   | 56%  |
|   |  | 53%   | 55%  | 69%  | 57%  | 42%  | 66%  |  | 68%   |  | 61%  |
| 20  | 49%  | 61%   | 62%  | 76%  | 65%  | 49%  | 72%  | 65%  | 74%   | 56%  | 68%  |
| 25  | 59%  | 68%   | 70%  | 83%  | 73%  | 59%  | 79%  | 79%  | 82%   | 69%  | 75%  |
| 30  | 68%  | 74%   | 75%  | 87%  | 80%  | 68%  | 83%  | 88%  | 85%   | 76%  | 78%  |
| 35<br>40  | 75%  | 76%   | 78%  | 89%  | 83%  | 75%  | 85%  | 91%  | 85%   | 77%  | 79%  |
| 40<br>45  | 78%<br>79%   | 78%<br>79%  | 80%<br>81%   | 89%<br>88%   | 86%<br>89%   | 79%<br>82%   | 86%<br>87%   | 92%<br>92%   | 87%<br>87%  | 81%<br>82%   | 80%<br>81%   |
| 50  | 82%  | 82%   | 84%  | 90%  | 92%  | 86%  | 90%  | 92%  | 91%   | 85%  | 84%  |
| 55  | 84%  | 84%   | 86%  | 91%  | 94%  | 89%  | 90%  | 94%  | 93%   | 87%  | 85%  |
| 60  | 85%  | 85%   | 87%  | 92%  | 95%  | 92%  | 91%  | 96%  | 96%   | 92%  | 85%  |
| 65  | 85%  | 86%   | 88%  | 92%  | 95%  | 94%  | 91%  | 97%  | 97%   | 94%  | 85%  |
| 70  | 85%  | 87%   | 89%  | 91%  | 95%  | 96%  | 90%  | 98%  | 98%   | 96%  | 85%  |
| 75  | 86%  | 88%   | 90%  | 91%  | 95%  | 98%  | 90%  | 99%  | 100%  | 99%  | 86%  |
| 80  | 85%  | 88%   | 90%  | 90%  | 94%  | 98%  | 90%  | 98%  | 99%   | 99%  | 85%  |
| 85  | 86%  | 88%   | 90%  | 88%  | 93%  | 98%  | 89%  | 97%  | 98%   | 98%  | 86%  |
| 90  | 87%  | 89%   | 90%  | 89%  | 94%  | 98%  | 90%  | 96%  | 98%   | 99%  | 87%  |
| 95  | 87%  | 90%   | 90%  | 88%  | 93%  | 98%  | 89%  | 95%  | 94%   | 98%  | 87%  |
| 100   | 87%  | 90%   | 90%  | 87%  | 92%  | 97%  | 89%  | 94%  | 91%   | 96%  | 88%  |
| 125   | 95%  | 100%  | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 95%   | 100%   | 100%   |
| 150   | 90%  | 98%   | 99%  | 100%   | 92%  | 98%  | 99%  | 98%  | 90%   | 90%  | 99%  |
| 175   | 76%  | 94%   | 97%  | 96%  | 84%  | 95%  | 99%  | 89%  | 86%   | 76%  | 96%  |
| 200   | 63%  | 90%   | 95%  | 89%  | 77%  | 92%  | 97%  | 76%  | 79%   | 63%  | 88%  |
| 250   | 55%  | 77%   | 89%  | 82%  | 72%  | 78%  | 97%  | 66%  | 77%   | 55%  | 78%  |
| 300   | 44%  | 71%   | 79%  | 76%  | 65%  | 72%  | 94%  | 56%  | 74%   | 44%  | 71%  |
| 350   | 42%  | 66%   | 74%  | 72%  | 61%  | 67%  | 90%  | 50%  | 68%   | 42%  | 65%  |
| 400   | 35%  | 64%   | 68%  | 69%  | 56%  | 66%  | 84%  | 46%  | 58%   | 35%  | 63%  |
| 500   | 35%  | 67%   | 74%  | 72%  | 56%  | 74%  | 82%  | 50%  | 55%   | 35%  | 59%  |
|   |  |   |  |  |  |  |  |  |   |  |  |
| Indu C  | OT 0.75 years  | 2 Dun   |  |  |  |  |  |  |   |  |  |
|   | QT 0.75 - xsec   |   | Cnro   | Darg   | Nama   | Llup   | A mey  | M. con   | I mag   | M sal  | Cova   |
| Q   | Min All  | E. gra.   | C. pro.  | D. arg.  | N. ama.  | I. lup.  | A. mex.  | M. con.  | L. meg.   | M. sal.  | C. cya   |
| Q<br>1  | Min All<br>0%  | E. gra.<br>3%   | 3%   | 12%  | 0%   | 0%   | 10%  | 0%   | 0%  | 0%   | 0%   |
| Q<br>1<br>5   | Min All<br>0%<br>0%  | E. gra.<br>3%<br>6%   | 3%<br>7%   | 12%<br>18%   | 0%<br>1%   | 0%<br>7%   | 10%<br>21%   | 0%<br>2%   | 0%<br>0%  | 0%<br>0%   | 0%<br>0%   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>0%  | E. gra.<br>3%<br>6%<br>19%  | 3%<br>7%<br>20%  | 12%<br>18%<br>55%  | 0%<br>1%<br>2%   | 0%<br>7%<br>9%   | 10%<br>21%<br>54%  | 0%<br>2%<br>0%   | 0%<br>0%<br>0%  | 0%<br>0%<br>0%   | 0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>0%<br>0%  | E. gra.<br>3%<br>6%<br>19%<br>23%   | 3%<br>7%<br>20%<br>21%   | 12%<br>18%<br>55%  | 0%<br>1%<br>2%<br>4%   | 0%<br>7%<br>9%<br>11%  | 10%<br>21%<br>54%<br>62%   | 0%<br>2%<br>0%<br>8%   | 0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>10%  |
| Q<br>1<br>5<br>10<br>15<br>20   | Min All 0% 0% 0% 0% 0%   | E. gra.<br>3%<br>6%<br>19%<br>23%<br>50%  | 3%<br>7%<br>20%<br>21%<br>52%  | 12%<br>18%<br>55%<br>64%   | 0%<br>1%<br>2%<br>4%<br>12%  | 0%<br>7%<br>9%<br>11%<br>7%  | 10%<br>21%<br>54%<br>62%<br>83%  | 0%<br>2%<br>0%<br>8%<br>16%  | 0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>10%<br>32%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25   | Min All 0% 0% 0% 0% 0% 14%   | E. gra. 3% 6% 19% 23% 50%   | 3%<br>7%<br>20%<br>21%<br>52%<br>65%   | 12%<br>18%<br>55%<br>64%<br>89%  | 0%<br>1%<br>2%<br>4%<br>12%  | 0%<br>7%<br>9%<br>11%<br>7%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%  | 0%<br>0%<br>0%<br>10%<br>32%<br>23%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | Min All 0% 0% 0% 0% 0% 14% 32%   | E. gra.  3% 6% 19% 23% 50% 63% 75%  | 3%<br>7%<br>20%<br>21%<br>52%<br>65%<br>77%  | 12%<br>18%<br>55%<br>64%<br>89%<br>92%<br>95%  | 0%<br>1%<br>2%<br>4%<br>12%<br>16%   | 0%<br>7%<br>9%<br>11%<br>7%<br>14%<br>32%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%  | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%   | 0%<br>0%<br>0%<br>10%<br>32%<br>23%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25   | Min All 0% 0% 0% 0% 0% 14%   | E. gra. 3% 6% 19% 23% 50%   | 3%<br>7%<br>20%<br>21%<br>52%<br>65%   | 12%<br>18%<br>55%<br>64%<br>89%  | 0%<br>1%<br>2%<br>4%<br>12%  | 0%<br>7%<br>9%<br>11%<br>7%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%  | 0%<br>0%<br>0%<br>10%<br>32%<br>23%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | Min All  0%  0%  0%  0%  0%  14%  32%  44%   | E. gra.  3%  6%  19%  23%  50%  63%  75%  87%   | 3%<br>7%<br>20%<br>21%<br>52%<br>65%<br>77%<br>89%   | 12%<br>18%<br>55%<br>64%<br>89%<br>92%<br>95%<br>94%   | 0%<br>1%<br>2%<br>4%<br>12%<br>16%<br>51%<br>57%   | 0%<br>7%<br>9%<br>11%<br>7%<br>14%<br>32%<br>54%   | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%  | 0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | Min All  0%  0%  0%  0%  0%  44%  44%  | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90%  | 3%<br>7%<br>20%<br>21%<br>52%<br>65%<br>77%<br>89%<br>92%  | 12%<br>18%<br>55%<br>64%<br>89%<br>92%<br>95%<br>94%<br>92%  | 0%<br>1%<br>2%<br>4%<br>12%<br>16%<br>51%<br>57%<br>70%  | 0%<br>7%<br>9%<br>11%<br>7%<br>14%<br>32%<br>54%<br>62%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%  | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%  | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%   | 0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%   | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90%  | 3%<br>7%<br>20%<br>21%<br>52%<br>65%<br>77%<br>89%<br>92%<br>91%   | 12%<br>18%<br>55%<br>64%<br>89%<br>92%<br>95%<br>94%<br>92%<br>98%   | 0%<br>1%<br>2%<br>4%<br>12%<br>16%<br>51%<br>57%<br>70%<br>72%                                       | 0%<br>7%<br>9%<br>11%<br>7%<br>14%<br>32%<br>54%<br>62%<br>63%   | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%  | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%  | 0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | Min All 0% 0% 0% 0% 0% 144 46% 447% 48%  | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91%  | 3%<br>7%<br>20%<br>21%<br>52%<br>65%<br>77%<br>89%<br>92%<br>91%<br>93%  | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97%  | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85%  | 0% 7% 9% 11% 7% 14% 32% 54% 62% 63% 74%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%<br>97%  | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%                                    | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%   | 0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | Min All 0% 0% 0% 0% 0% 144 32% 44% 46% 47% 48%   | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91%  | 3%<br>7%<br>20%<br>21%<br>52%<br>65%<br>77%<br>89%<br>92%<br>91%<br>93%<br>93%                                     | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100%   | 0%<br>1%<br>2%<br>4%<br>12%<br>16%<br>51%<br>57%<br>70%<br>72%<br>85%<br>100%                        | 0% 7% 9% 11% 7% 14% 32% 62% 63% 74% 75%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%<br>97%<br>100%  | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%<br>86%  | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%                                    | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>46%<br>47%<br>48%  | 0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | Min All 0% 0% 0% 0% 0% 144 32% 446 46% 47% 48% 67% 67%   | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93%  | 3%<br>7%<br>20%<br>21%<br>52%<br>65%<br>77%<br>89%<br>92%<br>91%<br>93%<br>93%<br>95%                              | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99%   | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93%   | 0% 7% 9% 11% 7% 14% 32% 54% 62% 63% 74% 75% 87%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%<br>97%<br>100%  | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%<br>86%<br>87%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>46%<br>47%<br>48%<br>67%<br>67%                             | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>46%<br>47%<br>48%<br>67%<br>67%                                    | 0%<br>0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All 0% 0% 0% 0% 0% 14% 32% 44% 46% 47% 48% 67% 67% 82%   | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92%  | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94%  | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99%   | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82%   | 0% 7% 9% 11% 7% 14% 32% 54% 62% 63% 74% 75% 87% 92%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%<br>97%<br>100%<br>99%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%<br>86%<br>87%   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%                      | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%                             | 0%<br>0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70   | Min All 0% 0% 0% 0% 0% 14% 32% 44% 46% 47% 48% 67% 67% 82% 69%   | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95%  | 3% 7% 20% 21% 52% 65% 77% 89% 91% 93% 93% 95% 94% 98%  | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 90% 83%   | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78%   | 0% 7% 9% 11% 7% 14% 32% 54% 62% 63% 74% 75% 87% 92% 96%  | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%<br>97%<br>100%<br>99%<br>99%  | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%<br>86%<br>87%<br>87%                                    | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%               | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%                      | 0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%<br>82%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75   | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  67%  82%  69%  78%   | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95%  | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94% 98%  | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 90% 83% 79%   | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78%   | 0% 7% 9% 11% 7% 14% 32% 54% 62% 63% 74% 75% 87% 92% 96% 100%   | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%<br>97%<br>100%<br>99%<br>99%<br>95%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%<br>86%<br>87%<br>87%<br>80%                             | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%<br>69%        | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%<br>69%<br>91%        | 0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%<br>92%<br>82%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80   | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  69%  78%  64%  | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97%                                      | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94% 98% 99% 100%   | 12% 18% 55% 64% 89% 92% 95% 94% 92% 95% 94% 92% 97% 100% 99% 90% 83% 79% 71%                                 | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 70%                                     | 0% 7% 9% 11% 7% 14% 32% 54% 62% 63% 74% 75% 87% 92% 96% 100% 99%   | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%<br>97%<br>100%<br>99%<br>99%<br>95%<br>93%                                    | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%<br>86%<br>87%<br>80%<br>80%<br>64%                      | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%<br>69%<br>91% | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%<br>69%<br>91%        | 0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%<br>92%<br>82%<br>82%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85   | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  67%  69%  78%  64%  56%  49%  41%                                      | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99%                                  | 3%<br>7%<br>20%<br>21%<br>52%<br>65%<br>77%<br>89%<br>92%<br>91%<br>93%<br>93%<br>95%<br>94%<br>98%<br>99%<br>100% | 12% 18% 55% 64% 89% 92% 95% 94% 92% 95% 94% 97% 100% 99% 90% 83% 79% 71% 65%                                 | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 70% 58% 59% 51%                             | 0% 7% 9% 11% 7% 14% 32% 62% 63% 74% 75% 87% 92% 96% 100% 99% 98% 97% 96%                                 | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 95% 93% 90% 83% 76%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%<br>86%<br>87%<br>80%<br>64%<br>56%<br>49%<br>41%        | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 48% 67% 67% 87% 69% 91% 92%  | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>44%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%<br>69%<br>91%<br>92% | 0%<br>0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%<br>92%<br>82%<br>82%<br>82%                                    |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100                        | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  67%  82%  69%  78%  64%  56%  49%  41%  33%                            | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 91% 93% 92% 95% 97% 99%                              | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94% 98% 99% 100% 99% 98% 97%                                     | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 83% 71% 65% 61% 54% 53%                                 | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 70% 58% 59% 51%                         | 0% 7% 9% 11% 7% 14% 32% 62% 63% 74% 75% 87% 92% 96% 100% 99% 98% 97% 96% 91%                             | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 95% 93% 90% 83% 76% 73% 69%   | 0%<br>2%<br>0%<br>8%<br>16%<br>31%<br>100%<br>86%<br>71%<br>70%<br>71%<br>86%<br>87%<br>80%<br>64%<br>56%<br>49%<br>41%<br>33% | 0% 0% 0% 0% 0% 0% 41% 44% 46% 47% 48% 67% 69% 91% 92% 94% 96% 97% 99%                                   | 0%<br>0%<br>0%<br>0%<br>0%<br>20%<br>41%<br>46%<br>47%<br>48%<br>67%<br>67%<br>87%<br>99%                      | 0%<br>0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%<br>82%<br>82%<br>82%<br>82%                                    |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                 | Min All  0%  0%  0%  0%  0%  144  32%  44%  46%  47%  48%  67%  67%  82%  69%  78%  64%  56%  49%  41%  33%  50%                       | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99% 99% 99% 99% 98% 100%             | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 95% 94% 98% 99% 100% 99% 96% 100%  | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 65% 65% 65% 65% 54% 53%                                 | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 75% 55% 51% 59%                         | 0% 7% 9% 11% 7% 14% 32% 62% 63% 74% 75% 87% 92% 96% 100% 99% 98% 997% 96% 91%                            | 10%<br>21%<br>54%<br>62%<br>83%<br>85%<br>87%<br>89%<br>90%<br>96%<br>97%<br>100%<br>99%<br>95%<br>93%<br>90%<br>83%<br>76%<br>73%<br>69%<br>59% | 0% 2% 0% 8% 16% 31% 100% 86% 71% 70% 71% 86% 87% 80% 64% 56% 49% 41% 33% 59%   | 0% 0% 0% 0% 0% 0% 41% 44% 46% 47% 48% 67% 67% 87% 99% 100%  | 0% 0% 0% 0% 0% 20% 41% 46% 46% 47% 48% 67% 67% 87% 99% 100%  | 0%<br>0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%<br>92%<br>82%<br>82%<br>62%<br>72%<br>63%<br>78%               |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150          | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  67%  82%  69%  78%  64%  56%  49%  41%  33%  50%                       | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99% 99% 99% 98% 100% 84%             | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94% 98% 99% 100% 98% 97% 96% 100% 84%                            | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 66% 61% 54% 53% 50%                                     | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 59% 51% 59% 47%                         | 0% 7% 9% 11% 7% 14% 32% 54% 62% 63% 74% 75% 87% 92% 96% 100% 99% 98% 91% 69% 52%                         | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 99% 95% 93% 90% 83% 76% 73% 69% 59% 50%   | 0% 2% 0% 8% 16% 31% 100% 86% 71% 70% 71% 86% 87% 87% 80% 64% 56% 41% 33% 59% 73%   | 0% 0% 0% 0% 0% 0% 41% 44% 46% 47% 48% 67% 67% 87% 69% 91% 92% 94% 96% 95%                               | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 48% 67% 67% 87% 69% 91% 92% 94% 96% 97% 99% 100%                            | 0%<br>0%<br>0%<br>0%<br>10%<br>32%<br>23%<br>55%<br>45%<br>67%<br>88%<br>100%<br>91%<br>92%<br>92%<br>82%<br>82%<br>62%<br>72%<br>63%<br>78%<br>95%<br>94% |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175               | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  67%  82%  69%  78%  64%  56%  49%  41%  33%  50%  44%  40%             | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99% 99% 99% 99% 100% 84%             | 3% 7% 20% 21% 52% 65% 77% 89% 91% 93% 93% 95% 94% 98% 99% 100% 99% 100% 84% 65%                                    | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 65% 61% 54% 53% 50% 44% 42%                             | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 55% 51% 51% 59% 47% 40%                 | 0% 7% 9% 11% 7% 14% 32% 54% 62% 63% 74% 75% 87% 92% 96% 100% 99% 98% 91% 69% 52% 50%                     | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 95% 93% 90% 83% 76% 73% 69% 59% 50%   | 0% 2% 0% 8% 16% 31% 100% 86% 71% 70% 71% 86% 87% 80% 80% 64% 56% 41% 33% 59% 73% 68%   | 0% 0% 0% 0% 0% 0% 41% 44% 46% 47% 48% 67% 67% 87% 69% 91% 92% 94% 96% 97% 99%                           | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 48% 67% 69% 91% 92% 94% 96% 97% 99% 100% 95%                                | 0% 0% 0% 0% 10% 32% 23% 55% 45% 67% 88% 100% 91% 92% 82% 82% 82% 82% 62% 72% 63% 78% 95% 94%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200        | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  82%  69%  78%  64%  56%  49%  41%  33%  50%  44%  40%  38%                       | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99% 99% 99% 100% 84% 64% 57%         | 3% 7% 20% 21% 52% 65% 77% 89% 91% 93% 93% 95% 94% 98% 99% 100% 99% 100% 84% 65% 57%                                | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 90% 83% 79% 61% 54% 53% 50% 44% 42% 41%                 | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 59% 51% 51% 59% 47% 40% 41%             | 0% 7% 9% 11% 7% 144% 32% 54% 62% 63% 744% 75% 87% 92% 96% 100% 99% 98% 97% 96% 91% 69% 52% 50%           | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 95% 93% 90% 83% 76% 73% 69% 59% 50%   | 0% 2% 0% 8% 16% 31% 100% 86% 71% 70% 71% 86% 87% 80% 80% 49% 41% 33% 59% 73% 68% 67%   | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 48% 67% 87% 69% 91% 92% 94% 96% 97% 99% 100% 99% 124%                | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 48% 67% 87% 69% 91% 92% 94% 96% 97% 99% 100% 95% 99% 124%                   | 0% 0% 0% 0% 10% 32% 23% 55% 45% 67% 88% 100% 91% 92% 82% 82% 82% 62% 72% 63% 78% 94% 93% 89%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250 | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  69%  78%  64%  56%  49%  41%  33%  50%  44%  40%  38%  0%              | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99% 99% 99% 40% 84% 64% 57% 40%      | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94% 98% 99% 100% 99% 100% 65% 57% 41%                            | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 90% 83% 79% 61% 54% 53% 50% 44% 42% 41% 48%             | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 59% 51% 51% 59% 47% 40% 41% 33%         | 0% 7% 9% 11% 7% 14% 32% 54% 63% 74% 75% 87% 92% 96% 100% 99% 98% 97% 96% 91% 69% 52% 50% 48% 46%         | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 95% 93% 60% 73% 69% 59% 50%   | 0% 2% 0% 8% 16% 31% 100% 86% 71% 71% 86% 87% 80% 80% 64% 56% 49% 41% 33% 59% 73% 68% 67% 63%                                   | 0% 0% 0% 0% 0% 0% 41% 44% 46% 47% 48% 67% 87% 69% 91% 92% 94% 96% 97% 99% 100% 95% 99% 124% 0%          | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 48% 67% 87% 69% 91% 92% 94% 96% 97% 99% 100% 95% 99% 124% 0%                | 0% 0% 0% 0% 10% 32% 23% 55% 45% 67% 88% 100% 91% 92% 82% 82% 82% 82% 82% 82% 82% 82% 82% 8   |
| Q<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 55<br>60 65<br>70 75<br>80 85<br>90 95<br>100 125<br>150 175<br>200 250<br>300                     | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  67%  82%  64%  56%  49%  41%  33%  50%  44%  40%  38%  0%  0%          | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99% 99% 99% 40% 44%                  | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94% 98% 99% 100% 99% 100% 84% 65% 57% 41% 43%                    | 12% 18% 55% 64% 89% 92% 95% 94% 92% 96% 97% 100% 99% 90% 83% 79% 71% 65% 61% 54% 53% 50% 44% 42% 41% 48% 41% | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 59% 51% 51% 59% 47% 40% 41% 33% 27%     | 0% 7% 9% 11% 7% 144% 322% 54% 62% 63% 744% 755% 87% 92% 96% 100% 99% 98% 97% 96% 50% 48% 46% 43%         | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 95% 93% 69% 50% 46% 38% 50% 40%   | 0% 2% 0% 8% 16% 31% 100% 86% 71% 70% 71% 86% 87% 80% 44% 56% 49% 41% 33% 59% 73% 68% 67% 63% 24%                               | 0% 0% 0% 0% 0% 0% 41% 44% 46% 47% 68% 67% 69% 91% 92% 94% 96% 97% 100% 95% 99% 124% 0% 0%               | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 68% 91% 92% 94% 96% 97% 99% 100% 95% 99% 124% 0% 0%                         | 0% 0% 0% 0% 10% 32% 23% 55% 45% 67% 88% 100% 91% 92% 82% 82% 62% 72% 63% 78% 95% 94% 93% 89% 62% 42%   |
| Q<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 55<br>60 65<br>70 75<br>80 85<br>90 95<br>100 125<br>150 250 300 350                               | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  67%  69%  78%  64%  56%  49%  41%  33%  50%  44%  40%  38%  0%  0%  0% | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99% 99% 98% 100% 84% 64% 57% 40% 44% | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94% 98% 99% 100% 99% 100% 84% 65% 57% 41% 43% 41%                | 12% 18% 55% 64% 89% 92% 95% 94% 92% 98% 97% 100% 99% 83% 77% 65% 61% 54% 53% 50% 44% 42% 41% 48% 41%         | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 59% 51% 51% 59% 47% 40% 41% 33% 27% 16% | 0% 7% 9% 11% 7% 14% 32% 62% 63% 74% 75% 87% 92% 96% 100% 99% 98% 97% 96% 91% 69% 52% 50% 48% 46% 43% 40% | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 95% 93% 90% 83% 76% 73% 69% 50% 46% 38% 50% 40%   | 0% 2% 0% 8% 16% 31% 100% 86% 71% 70% 71% 86% 87% 80% 64% 56% 49% 41% 33% 59% 63% 64% 65% 64% 88%                               | 0% 0% 0% 0% 0% 0% 41% 44% 46% 47% 48% 67% 87% 69% 91% 92% 94% 96% 97% 99% 100% 95% 99% 100% 0%          | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 48% 67% 67% 87% 99% 100% 95% 99% 100% 0%                                    | 0% 0% 0% 0% 10% 32% 23% 55% 45% 67% 88% 100% 91% 92% 82% 82% 62% 72% 63% 78% 95% 94% 93% 889% 662% 42% 0%  |
| Q<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 55<br>60 65<br>70 75<br>80 85<br>90 95<br>100 125<br>150 175<br>200 250<br>300                     | Min All  0%  0%  0%  0%  0%  14%  32%  44%  46%  47%  48%  67%  67%  82%  64%  56%  49%  41%  33%  50%  44%  40%  38%  0%  0%          | E. gra.  3% 6% 19% 23% 50% 63% 75% 87% 90% 91% 91% 93% 92% 95% 97% 99% 99% 99% 40% 44%                  | 3% 7% 20% 21% 52% 65% 77% 89% 92% 91% 93% 93% 95% 94% 98% 99% 100% 99% 100% 84% 65% 57% 41% 43%                    | 12% 18% 55% 64% 89% 92% 95% 94% 92% 96% 97% 100% 99% 90% 83% 79% 71% 65% 61% 54% 53% 50% 44% 42% 41% 48% 41% | 0% 1% 2% 4% 12% 16% 51% 57% 70% 72% 85% 100% 93% 82% 78% 78% 59% 51% 51% 59% 47% 40% 41% 33% 27%     | 0% 7% 9% 11% 7% 144% 322% 54% 62% 63% 744% 755% 87% 92% 96% 100% 99% 98% 97% 96% 50% 48% 46% 43%         | 10% 21% 54% 62% 83% 85% 87% 89% 90% 96% 97% 100% 99% 95% 93% 69% 50% 46% 38% 50% 40%   | 0% 2% 0% 8% 16% 31% 100% 86% 71% 70% 71% 86% 87% 80% 44% 56% 49% 41% 33% 59% 73% 68% 67% 63% 24%                               | 0% 0% 0% 0% 0% 0% 41% 44% 46% 47% 68% 67% 69% 91% 92% 94% 96% 97% 100% 95% 99% 124% 0% 0%               | 0% 0% 0% 0% 0% 20% 41% 44% 46% 47% 68% 91% 92% 94% 96% 97% 99% 100% 95% 99% 124% 0% 0%                         | 0% 0% 0% 0% 10% 32% 23% 55% 45% 67% 88% 100% 91% 92% 82% 82% 62% 72% 63% 78% 95% 94% 93% 89% 62% 42%   |

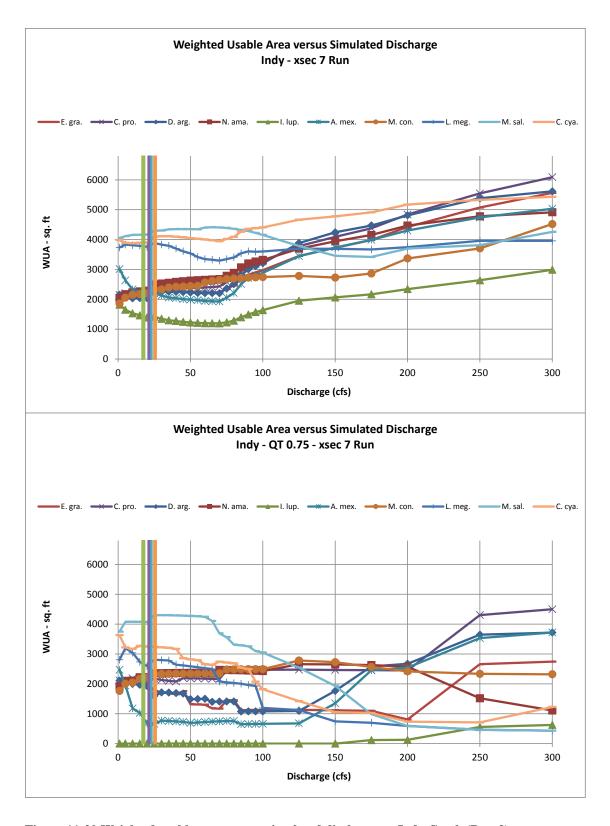


Figure 11-20 Weighted usable area versus simulated discharge at Indy Creek (Run 3).

Table 11-20 Percent of maximum WUA versus simulated discharge at Indy Creek (Run 3).

| ndy - x<br>Q  | Min All  | E. gra.  | C. pro.   | D. arg.  | N. ama.   | I. lup.   | A. mex.   | M. con.  | L. meg.   | M. sal.   | C. cya  |
|---|--|--|---|--|---|---|---|--|---|---|---|
| 1   | 48%  | 54%  | 49%   | 48%  | 49%   | 84%   | 76%   | 65%  | 96%   | 92%   | 81%   |
| 5   | 46%  | 55%  | 50%   | 46%  | 52%   | 76%   | 66%   | 72%  | 99%   | 93%   | 79%   |
| 10  | 45%  | 56%  | 51%   | 45%  | 54%   | 71%   | 58%   | 75%  | 98%   | 94%   | 79%   |
| 15  | 46%  | 55%  | 50%   | 46%  | 54%   | 67%   | 56%   | 76%  | 98%   | 94%   | 79%   |
| 20  | 46%  | 54%  | 50%   | 46%  | 55%   | 64%   | 53%   | 77%  | 97%   | 94%   | 79%   |
| 25  | 50%  | 58%  | 54%   | 50%  | 60%   | 65%   | 55%   | 81%  | 100%  | 97%   | 83%   |
| 30  | 50%  | 58%  | 54%   | 50%  | 61%   | 62%   | 53%   | 81%  | 99%   | 98%   | 84%   |
| 35  | 50%  | 57%  | 54%   | 50%  | 61%   | 60%   | 52%   | 84%  | 98%   | 98%   | 84%   |
| 40  | 50%  | 57%  | 54%   | 50%  | 62%   | 59%   | 51%   | 84%  | 95%   | 99%   | 83%   |
| 45  | 50%  | 57%  | 54%   | 50%  | 63%   | 57%   | 50%   | 85%  | 93%   | 99%   | 83%   |
| 50  | 50%  | 56%  | 54%   | 50%  | 63%   | 56%   | 50%   | 85%  | 91%   | 99%   | 82%   |
| 55  | 49%  | 56%  | 54%   | 49%  | 63%   | 56%   | 49%   | 86%  | 88%   | 98%   | 82%   |
| 60  | 49%  | 56%  | 55%   | 49%  | 64%   | 55%   | 49%   | 89%  | 86%   | 100%  | 82%   |
| 65  | 48%  | 56%  | 55%   | 49%  | 64%   | 55%   | 48%   | 91%  | 86%   | 100%  | 81%   |
| 70  | 48%  | 56%  | 56%   | 49%  | 64%   | 55%   | 48%   | 92%  | 85%   | 100%  | 80%   |
| 75  | 52%  | 59%  | 59%   | 53%  | 67%   | 57%   | 52%   | 94%  | 86%   | 100%  | 82%   |
| 80  | 55%  | 62%  | 62%   | 56%  | 69%   | 59%   | 55%   | 94%  | 88%   | 99%   | 83%   |
| 85  | 63%  | 67%  | 67%   | 63%  | 74%   | 65%   | 63%   | 95%  | 91%   | 98%   | 87%   |
| 90  | 67%  | 71%  | 71%   | 67%  | 77%   | 69%   | 68%   | 95%  | 93%   | 97%   | 89%   |
| 95  | 70%  | 73%  | 73%   | 70%  | 79%   | 72%   | 70%   | 96%  | 92%   | 96%   | 89%   |
| .00   | 72%  | 75%  | 75%   | 72%  | 80%   | 76%   | 72%   | 96%  | 93%   | 94%   | 90%   |
| 125   | 86%  | 87%  | 86%   | 87%  | 89%   | 90%   | 86%   | 97%  | 95%   | 86%   | 95%   |
| 150   | 78%  | 93%  | 93%   | 95%  | 95%   | 95%   | 94%   | 95%  | 95%   | 78%   | 97%   |
| 175   | 77%  | 100%   | 100%  | 100%   | 100%  | 100%  | 100%  | 100%   | 94%   | 77%   | 1009  |
| 200   | 84%  | 111%   | 111%  | 108%   | 108%  | 108%  | 108%  | 118%   | 96%   | 84%   | 1059  |
| 250   | 86%  | 127%   | 127%  | 120%   | 115%  | 122%  | 119%  | 129%   | 102%  | 86%   | 109%  |
| 300   | 97%  | 140%   | 139%  | 126%   | 118%  | 138%  | 126%  | 158%   | 102%  | 97%   | 1119  |
| 350   | 94%  | 148%   | 145%  | 128%   | 120%  | 162%  | 131%  | 164%   | 95%   | 94%   | 1119  |
| 100   | 000/   | 4.5.00/  |   | 4000/  |   |   |   | 4740/  | 0.007   |   | 4440  |
| 600<br>dy - C   | 88%<br>81%<br>(T 0.75 - xsec   |  | 149%<br>155%  | 133%<br>135%   | 126%<br>130%  | 197%<br>237%  | 138%<br>147%  | 171%<br>174%   | 88%<br>84%  | 90%<br>81%  | 111%<br>103%  |
| 500<br>dy-C<br>Q  | 81%<br>(T 0.75 - xsec<br>Min All   | 162%<br>7 Run<br>E. gra.   | 155%<br>C. pro.   | 135%<br>D. arg.  | 130%<br>N. ama.   | 237%<br>I. lup.   | 147%<br>A. mex.   | 174%<br>M. con.  | 84%<br>L. meg.  | <b>81%</b><br>M. sal.   | 103%<br>C. cya  |
| 500<br>idy - C<br>Q<br>1  | 81%<br>T 0.75 - xsec<br>Min All<br>0%  | 162%<br>7 Run<br>E. gra.<br>97%  | 155%<br>C. pro.<br>85%  | D. arg.  | N. ama.   | I. lup.<br>0%   | A. mex.   | M. con.  | 84%<br>L. meg.<br>88%   | 81%<br>M. sal.<br>87%   | C. cya  |
| 500<br>ndy - C<br>Q   | 81%<br>(T 0.75 - xsec<br>Min All   | 162% 7 Run E. gra. 97% 97%   | C. pro.<br>85%<br>85%   | D. arg.<br>82%<br>80%  | N. ama. 72% 79%   | 237%<br>I. lup.   | 147%  A. mex.  100%  79%  | M. con.<br>63%<br>72%  | 84%<br>L. meg.<br>88%<br>100%   | M. sal.<br>87%<br>95%   | C. cya  |
| 500<br>ndy-C<br>Q<br>1<br>5   | 81%<br>(T 0.75 - xsec<br>Min All<br>0%<br>0%<br>0%                               | 162% 7 Run E. gra. 97% 97% 100%  | C. pro.<br>85%<br>85%<br>85%<br>88%   | D. arg.<br>82%<br>80%<br>77%   | N. ama. 72% 79% 79%   | 1. lup.<br>0%<br>0%<br>0%                               | A. mex. 100% 79% 48%  | M. con. 63% 72% 73%  | L. meg.<br>88%<br>100%<br>95%   | M. sal.<br>87%<br>95%<br>95%  | C. cya<br>100%<br>89%<br>87%  |
| 000 dy - 0<br>Q<br>1<br>5<br>10   | 81%<br>QT 0.75 - xsec<br>Min All<br>0%<br>0%                                     | 162% 7 Run E. gra. 97% 97%   | C. pro.<br>85%<br>85%   | D. arg.<br>82%<br>80%  | N. ama. 72% 79%   | 237%  I. lup.  0%  0%                                   | 147%  A. mex.  100%  79%  | M. con.<br>63%<br>72%  | 84%<br>L. meg.<br>88%<br>100%   | M. sal.<br>87%<br>95%   | C. cya<br>100%<br>89%   |
| dy - C<br>Q<br>1<br>5<br>10<br>15   | 81%<br>OT 0.75 - xsec<br>Min All<br>0%<br>0%<br>0%<br>0%                         | 162% 7 Run E. gra. 97% 97% 100% 98%  | C. pro.<br>85%<br>85%<br>88%<br>88%   | D. arg.<br>82%<br>80%<br>77%<br>76%  | N. ama. 72% 79% 79% 83%   | 1. lup.<br>0%<br>0%<br>0%                               | 147%  A. mex.  100%  79%  48%  42%  | M. con. 63% 72% 73% 78%  | 84%  L. meg.  88%  100%  95%  86%   | M. sal.<br>87%<br>95%<br>95%  | 103%  C. cya  100%  89%  87%  90%   |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20   | 81%<br>(T 0.75 - xsec<br>Min All<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%             | 162%  7 Run E. gra.  97% 97% 100% 98% 96% 81%  | C. pro.<br>85%<br>85%<br>88%<br>87%<br>85%<br>88%   | D. arg.<br>82%<br>80%<br>77%<br>76%<br>75%   | N. ama.  72%  79%  79%  83%  84%  88%                               | 1. lup.<br>0%<br>0%<br>0%<br>0%<br>0%                   | A. mex.<br>100%<br>79%<br>48%<br>42%<br>27%<br>27%  | M. con. 63% 72% 73% 78% 79% 84%                                    | L. meg.<br>88%<br>100%<br>95%<br>86%<br>81%   | M. sal.<br>87%<br>95%<br>95%<br>95%<br>95%  | C. cya<br>1009<br>89%<br>87%<br>90%<br>89%  |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   | 81%<br>OT 0.75 - xsec<br>Min All<br>0%<br>0%<br>0%<br>0%<br>0%                   | 162%  7 Run E. gra. 97% 97% 100% 98% 96%   | C. pro.<br>85%<br>85%<br>88%<br>87%<br>85%  | D. arg.<br>82%<br>80%<br>77%<br>76%  | N. ama. 72% 79% 79% 83% 84%   | 1. lup.<br>0%<br>0%<br>0%<br>0%                         | A. mex. 100% 79% 48% 42% 27%  | M. con. 63% 72% 73% 78% 79%  | L. meg.<br>88%<br>100%<br>95%<br>86%<br>81%   | M. sal.<br>87%<br>95%<br>95%<br>95%   | C. cya<br>1009<br>89%<br>87%<br>90%<br>90%<br>89%   |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | 81%<br>(T 0.75 - xsec<br>Min All<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0% | 7 Run E. gra. 97% 100% 98% 96% 81% 79%   | C. pro. 85% 85% 85% 88% 87% 85%   | D. arg.<br>82%<br>80%<br>77%<br>76%<br>75%<br>62%  | N. ama. 72% 79% 83% 84% 88%   | 1. lup.<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%       | A. mex.<br>100%<br>79%<br>48%<br>42%<br>27%<br>27%<br>31%   | M. con. 63% 72% 73% 78% 79% 84%                                    | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87%  | M. sal.<br>87%<br>95%<br>95%<br>95%<br>100%   | C. cya<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>89%  |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%                     | 162%  7 Run E. gra. 97% 97% 100% 98% 96% 81% 79% 77%   | C. pro.<br>85%<br>85%<br>88%<br>87%<br>85%<br>88%<br>86%<br>85%   | D. arg. 82% 80% 77% 76% 75% 62% 66%  | N. ama. 72% 79% 83% 84% 88% 89%                                     | 1. lup.<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0% | A. mex. 100% 79% 48% 42% 27% 31% 31%  | M. con. 63% 72% 73% 78% 79% 84% 84%                                | 84%  L. meg. 88% 100% 95% 86% 81% 88% 87%   | M. sal.  87% 95% 95% 95% 100% 100%  | C. cya<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>89%<br>88%<br>87%  |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 77% 76%  | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 84%  | D. arg. 82% 80% 77% 76% 75% 62% 66% 66%  | N. ama. 72% 79% 79% 83% 84% 88% 89% 89%                             | 1. lup. 0% 0% 0% 0% 0% 0% 0% 0% 0%                      | A. mex.  100% 79% 48% 42% 27% 31% 31% 30%   | M. con. 63% 72% 73% 78% 79% 84% 84% 84%                            | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 83%  | M. sal.  87% 95% 95% 100% 100% 100%   | C. cya<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>87%<br>79%  |
| dy - C<br>Q<br>1 1 5 10 15 20 225 330 445 550   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 162%  7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 77% 76% 80%  | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 84% 89%  | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65%  | N. ama. 72% 79% 79% 83% 84% 88% 89% 89% 89%                         | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0          | A. mex.  100%  79%  48%  42%  27%  31%  30%  29%  | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84%                        | 84%  L. meg.  88%  100%  95%  86%  81%  88%  87%  87%  83%  82%   | M. sal.  87% 95% 95% 100% 100% 100%   | C. cya<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>87%<br>79%  |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 162%  7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 77% 76% 80% 60%  | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88%  | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58%  | N. ama. 72% 79% 79% 83% 84% 88% 89% 89% 89%                         | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | 147%  A. mex.  100%  79%  48%  42%  27%  27%  31%  30%  29%  28%  | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84%                    | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 81%  | M. sal.  87% 95% 95% 100% 100% 100% 100% 99%  | C. cys<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>89%<br>877,79%   |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 162%  7 Run E. gra.  97% 97% 100% 98% 96% 81% 77% 76% 80% 60% 60%  | C. pro.  85%  85%  88%  87%  85%  88%  86%  85%  84%  89%  88%  | D. arg. 82% 80% 77% 76% 62% 66% 66% 65% 58%  | N. ama.  72%  79%  83%  84%  88%  89%  89%  89%  89%  89%           | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | 147%  A. mex.  100%  79%  48%  42%  27%  31%  30%  29%  28%  29%  | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84%                | 84%  L. meg.  88%  100%  95%  86%  81%  88%  87%  87%  83%  82%  81%  80%                                 | M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 99% 99%  | C. cys<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>79%<br>78%<br>77%   |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>65   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 162%  7 Run E. gra.  97% 97% 100% 98% 96% 81% 77% 76% 80% 60% 60% 60%  | C. pro.  85%  85%  88%  87%  85%  88%  86%  85%  84%  89%  88%  88%   | D. arg. 82% 80% 77% 76% 62% 66% 66% 65% 58% 58%  | N. ama.  72%  79%  83%  84%  88%  89%  89%  89%  89%  89%  89       | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0          | A. mex.  100% 79% 48% 42% 27% 31% 31% 30% 29% 28% 29% 29%   | M. con. 63% 72% 73% 78% 78% 84% 84% 84% 84% 84% 84%                | 84%  L. meg.  88%  100%  95%  86%  81%  88%  87%  87%  83%  82%  81%  80%  79%                            | M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 99% 99%  | C. cyc<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>79%<br>78%<br>73%   |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>65<br>70   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 76% 80% 60% 60% 54%  | C. pro.  85%  85%  88%  87%  85%  88%  86%  85%  84%  89%  88%  88%  88%                                      | D. arg. 82% 80% 77% 76% 62% 66% 66% 65% 58% 58% 58%  | N. ama. 72% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89%             | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | A. mex.  100%  79%  48%  42%  27%  31%  30%  29%  28%  29%  30%   | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84%            | 84%  L. meg. 88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 81% 80% 79% 78%                                     | M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 99% 99% 95%  | C. cys<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>779%<br>73%<br>73%  |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>67<br>70   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 76% 80% 60% 60% 54% 54%  | C. pro.  85%  85%  88%  87%  88%  86%  85%  84%  89%  88%  88%  88%  88%                                      | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 55%  | N. ama. 72% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89      | 1. lup.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%         | A. mex.  100%  79%  48%  42%  27%  31%  30%  29%  28%  29%  30%  30%  30%   | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84%        | 84%  L. meg.  88%  100%  95%  86%  81%  88%  87%  87%  83%  82%  81%  80%  79%  78%  65%                  | M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 99% 99% 95% 86%  | C. cys 1009 89% 87% 90% 89% 89% 88% 87% 79% 73% 73% 75%   |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 77% 60% 60% 60% 54% 54% 66%  | C. pro.  85% 85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 88% 88% 99%                                      | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 55%  | N. ama. 72% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89      | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | A. mex. 100% 79% 48% 42% 27% 31% 31% 30% 29% 29% 29% 30% 30% 31%  | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 81% 80% 79% 78% 65% 64%                            | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 99% 99% 99% 86% 83%   | C. cys 1009 89% 89% 89% 89% 88% 87% 79% 73% 73% 73% 74%   |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>225<br>330<br>335<br>440<br>445<br>550<br>655<br>770<br>775<br>880<br>885  | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 77% 76% 80% 60% 60% 54% 54% 66%  | C. pro.  85% 85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 88% 88% 99% 99%                                  | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 55%  | N. ama. 72% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89      | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | A. mex.  100%  79%  48%  42%  27%  31%  31%  30%  29%  28%  29%  29%  30%  30%  31%  31%  | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 81% 80% 79% 78% 65% 64% 63%                        | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 109% 99% 99% 86% 83% 77%  | C. cya<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>87%<br>79%<br>73%<br>73%<br>74%<br>70%                              |
| dy - C<br>Q<br>1 5<br>10<br>15<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 76% 80% 60% 60% 60% 54% 66% 51%  | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 88% 88% 99% 99%                                      | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 55% 55% 42%  | N. ama. 72% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89      | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0          | A. mex.  100%  79%  48%  42%  27%  31%  31%  30%  29%  28%  29%  30%  30%  31%  31%  36%  | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88%  100% 95%  86%  81%  88%  87%  83%  82%  81%  80%  79%  78%  65%  64%  63%  63%         | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 109% 99% 99% 99% 86% 83% 77% 76%                                      | C. cya 1009 89% 87% 90% 89% 89% 88% 87% 79% 73% 76% 75% 74% 69%   |
| dy - C<br>Q<br>1 5<br>110<br>15<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990  | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 77% 76% 80% 60% 60% 54% 54% 66% 51% 51%  | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 88% 88% 99% 100%                                     | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 55% 42% 42%  | N. ama. 72% 79% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89  | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0          | A. mex.  100% 79% 48% 42% 27% 31% 31% 30% 29% 28% 29% 30% 30% 31% 31% 26% 27%   | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 81% 80% 79% 78% 65% 64% 63% 61%                    | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 100% 107% 107% 107  | C. cys 1009 89% 89% 89% 89% 89% 88% 77% 73% 74% 70% 69% 57%   |
| dy - C<br>Q<br>1 5 10<br>15 20<br>25 30 335 40 45 50 65 70 75 80 85 90 95 100   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 77% 76% 80% 60% 60% 54% 54% 66% 51% 51%  | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 99% 100% 100% 100%                                   | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 54% 55% 42% 42% 42%                                      | N. ama. 72% 79% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89  | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0          | A. mex.  100% 79% 48% 42% 27% 27% 31% 30% 29% 28% 29% 30% 30% 31% 31% 26% 27% 27% 27%   | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 83% 82% 81% 80% 79% 76% 64% 63% 61% 60%                        | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 99% 99% 97% 86% 83% 77% 76% 76% 72%                                   | C. cys<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>8779<br>73%<br>73%<br>75%<br>74%<br>70%<br>69%<br>57%<br>50%        |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>44<br>55<br>50<br>55<br>66<br>66<br>77<br>75<br>80<br>88<br>99<br>99<br>90<br>99<br>125  | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 77% 76% 80% 60% 60% 54% 54% 66% 551% 51% 52%   | C. pro.  85% 85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 88% 100% 100% 100% 100%                          | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 54% 55% 42% 42% 42%                                      | N. ama.  72% 79% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89 | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0          | A. mex.  100% 79% 48% 42% 27% 31% 31% 30% 29% 28% 29% 30% 31% 31% 30% 27% 27% 27% 27% 27%                                       | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88%  100% 95%  86%  81%  88%  87%  87%  83%  82%  81%  80%  79%  64%  63%  61%  60%  37%    | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 99% 99% 97% 86% 83% 77% 76% 76% 71%                                   | C. cys<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>8779<br>73%<br>73%<br>75%<br>74%<br>70%<br>69%<br>57%<br>50%        |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>445<br>550<br>555<br>665<br>770<br>775<br>880<br>885<br>990<br>995<br>100<br>125<br>150  | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 162%  7 Run E. gra. 97% 97% 100% 98% 96% 81% 79% 76% 80% 60% 60% 60% 54% 54% 66% 65% 51% 51% 52% 52%                             | C. pro.  85% 85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 88% 87% 99% 99% 100% 100% 100% 100% 99%          | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 54% 55% 42% 42% 42% 42%                                  | N. ama.  72% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89     | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | A. mex.  100% 79% 48% 42% 27% 27% 31% 30% 29% 28% 29% 30% 30% 31% 31% 26% 27% 27% 27%   | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 81% 60% 63% 64% 63% 61% 60% 37% 35%                | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 100% 99% 99% 97% 86% 83% 77% 76% 72% 71% 59%                          | C. cys<br>1009<br>89%<br>87%<br>90%<br>89%<br>89%<br>88%<br>8779<br>73%<br>73%<br>75%<br>74%<br>70%<br>69%<br>57%<br>50%<br>39% |
| dy - C<br>Q<br>1<br>5<br>10<br>15<br>10<br>15<br>20<br>25<br>33<br>35<br>40<br>45<br>55<br>60<br>65<br>77<br>75<br>88<br>88<br>99<br>99<br>90<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125 | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 77% 76% 80% 60% 60% 54% 54% 66% 51% 51% 52% 52% 52% 52% 51% 50% 37%                  | C. pro.  85% 85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 88% 87% 99% 99% 100% 100% 100% 100% 100% 99% 99% | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 55% 42% 42% 42% 42% 42% 40% 100% 103%                    | N. ama.  72%  79%  79%  83%  84%  88%  89%  89%  89%  89%  89%  89  | 1. lup.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%         | A. mex.  100%  79%  48%  42%  27%  31%  31%  30%  29%  28%  29%  29%  30%  31%  31%  26%  27%  27%  27%  27%  27%  27%  27      | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 61% 63% 63% 61% 60% 37% 35% 22% 19%                | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 100% 107% 99% 99% 99% 95% 86% 83% 77% 76% 72% 71% 59% 45% 23% 14%     | C. cy: 1003 89% 89% 89% 89% 89% 88% 87% 79% 73% 73% 73% 75% 74% 70% 69% 57% 50% 39% 28% 20%                                     |
| 300 dy - C Q Q 1 1 5 110 115 220 225 330 335 440 45 550 665 770 775 880 885 995 00 2.25 5.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5  | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 79% 77% 76% 80% 60% 60% 54% 54% 66% 51% 51% 52% 52% 52% 51% 50% 37%                      | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 88% 88% 80% 100% 100% 100% 100                       | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 55% 42% 42% 42% 42% 42% 41% 41%                          | N. ama. 72% 79% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89  | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | A. mex.  100%  79%  48%  42%  27%  31%  31%  30%  29%  28%  29%  30%  30%  31%  31%  56%  27%  27%  27%  55%  99%  103%  143%   | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88%  100% 95%  86%  81%  88%  87%  87%  83%  82%  81%  60%  37%  35%  22%  19%  15%         | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 100% 107% 99% 99% 99% 95% 86% 83% 77% 76% 72% 71% 59% 45% 23% 14% 11% | C. cya 1003 89% 89% 89% 89% 89% 88% 87% 79% 73% 76% 75% 74% 70% 69% 57% 50% 39% 22% 20%   |
| 300 dy - C Q 1 1 5 110 115 220 25 330 335 440 445 50 665 770 775 880 885 990 995 125 125 125 125 125 125 125 125 125 12   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 77% 76% 80% 60% 60% 54% 54% 66% 51% 51% 52% 52% 52% 51% 50% 37% 122%                     | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 844% 89% 88% 88% 88% 88% 80% 100% 100% 100% 100                      | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 55% 42% 42% 42% 42% 42% 41% 100% 1003% 141% 144%             | N. ama. 72% 79% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89  | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | 147%  A. mex.  100%  79%  48%  42%  27%  31%  31%  30%  29%  28%  29%  30%  31%  31%  36%  27%  27%  27%  27%  27%  27%  27%  2 | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 81% 60% 37% 63% 61% 60% 37% 35% 22% 19% 15% 14%    | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 100% 107% 107% 107  | C. cya 1009 89% 89% 89% 89% 88% 87% 79% 73% 76% 75% 74% 20% 29% 28% 20% 34%   |
| 300 dy - C Q 1 1 5 110 115 220 225 330 335 440 445 550 665 670 775 880 885 990 995 125 125 125 125 125 125 125 125 125 12   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 162%  7 Run E. gra.  97% 97% 100% 98% 96% 81% 77% 76% 80% 60% 60% 54% 54% 66% 51% 51% 52% 52% 52% 52% 51% 50% 37% 122% 126% 179% | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 84% 89% 88% 88% 80% 80% 80% 80% 80% 80% 80% 80                       | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 58% 54% 55% 42% 42% 42% 42% 42% 41% 100% 103% 141% 144% 172% | N. ama. 72% 79% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89  | 1. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0          | A. mex.  100% 79% 48% 42% 27% 31% 31% 30% 29% 28% 29% 30% 30% 31% 31% 26% 27% 27% 27% 27% 27% 27% 103% 143% 151% 182%           | M. con. 63% 72% 73% 78% 79% 84% 84% 84% 84% 84% 84% 84% 84% 84% 84 | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 83% 82% 81% 80% 79% 78% 63% 61% 60% 37% 35% 22% 19% 15% 14% 0% | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 100% 99% 99% 95% 86% 83% 77% 76% 72% 71% 59% 45% 23% 14% 11% 10% 0%   | C. cya 1009 89% 89% 89% 88% 87% 79% 78% 75% 50% 39% 29% 20% 34% 12%   |
| 500<br>Idy - C<br>Q<br>1<br>5   | 81%  OT 0.75 - xsec  Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                 | 7 Run E. gra.  97% 97% 100% 98% 96% 81% 77% 76% 80% 60% 60% 54% 54% 66% 51% 51% 52% 52% 52% 51% 50% 37% 122%                     | C. pro.  85% 85% 88% 87% 85% 88% 86% 85% 844% 89% 88% 88% 88% 88% 80% 100% 100% 100% 100                      | D. arg. 82% 80% 77% 76% 75% 62% 66% 66% 65% 58% 58% 55% 42% 42% 42% 42% 42% 41% 100% 1003% 141% 144%             | N. ama. 72% 79% 79% 83% 84% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89  | 237%  I. lup.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0    | 147%  A. mex.  100%  79%  48%  42%  27%  31%  31%  30%  29%  28%  29%  30%  31%  31%  36%  27%  27%  27%  27%  27%  27%  27%  2 | M. con. 63% 72% 73% 78% 78% 84% 84% 84% 84% 84% 84% 84% 84% 84% 8  | 84%  L. meg.  88% 100% 95% 86% 81% 88% 87% 87% 83% 82% 81% 60% 37% 63% 61% 60% 37% 35% 22% 19% 15% 14%    | 81%  M. sal.  87% 95% 95% 95% 100% 100% 100% 100% 100% 107% 107% 107  | C. cy: 1003 89% 89% 87% 90% 89% 88% 87% 79% 73% 76% 75% 74% 70% 69% 57% 50% 39% 20% 34%   |

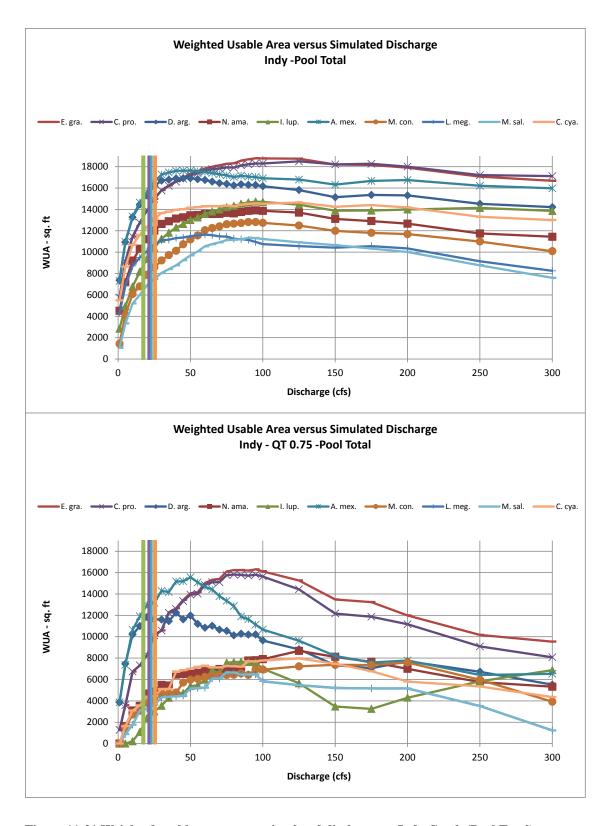


Figure 11-21 Weighted usable area versus simulated discharge at Indy Creek (Pool Total).

Table 11-21 Percent of maximum WUA versus simulated discharge at Indy Creek (Pool Total).

| Incolu D  | a al Tatal  |  |  |  |   |  |   |   |  |   |   |
|---|---|--|--|--|---|--|---|---|--|---|---|
| Inay-P<br>Q   | ool Total<br>Min All  | E. gra.  | C. pro.  | D. arg.  | N. ama.   | I. lup.  | A. mex.   | M. con.   | L. meg.  | M. sal.   | C. cya.   |
| 1   | 9%  | 31%  | 31%  | 44%  | 32%   | 19%  | 41%   | 11%   | 37%  | 9%  | 37%   |
| 5   | 29%   | 49%  | 49%  | 65%  | 52%   | 34%  | 62%   | 32%   | 59%  | 29%   | 59%   |
| 10  | 46%   | 61%  | 62%  | 78%  | 66%   | 46%  | 76%   | 47%   | 75%  | 46%   | 73%   |
| 15  | 53%   | 68%  | 69%  | 85%  | 74%   | 56%  | 83%   | 53%   | 82%  | 53%   | 79%   |
| 20  | 61%   | 74%  | 75%  | 90%  | 81%   | 64%  | 89%   | 61%   | 87%  | 61%   | 84%   |
| 25  | 66%   | 80%  | 81%  | 96%  | 86%   | 71%  | 94%   | 67%   | 92%  | 66%   | 90%   |
| 30  | 71%   | 84%  | 85%  | 99%  | 91%   | 76%  | 98%   | 72%   | 95%  | 71%   | 93%   |
| 35  | 74%   | 86%  | 88%  | 99%  | 93%   | 80%  | 99%   | 76%   | 96%  | 74%   | 94%   |
| 40  | 77%   | 89%  | 90%  | 100%   | 94%   | 84%  | 100%  | 79%   | 97%  | 77%   | 95%   |
| 45<br>50  | 82%<br>86%  | 90%<br>92%   | 91%<br>93%   | 100%<br>100%   | 95%<br>97%  | 86%<br>88%   | 100%<br>100%  | 84%<br>87%  | 98%<br>99%   | 82%<br>86%  | 96%<br>97%  |
| 55  | 89%   | 93%  | 94%  | 99%  | 97%   | 90%  | 100%  | 90%   | 99%  | 89%   | 97%   |
| 60  | 92%   | 95%  | 95%  | 99%  | 98%   | 92%  | 99%   | 94%   | 100%   | 93%   | 98%   |
| 65  | 94%   | 96%  | 96%  | 98%  | 98%   | 94%  | 99%   | 96%   | 99%  | 95%   | 98%   |
| 70  | 95%   | 96%  | 96%  | 97%  | 98%   | 95%  | 98%   | 97%   | 99%  | 96%   | 98%   |
| 75  | 96%   | 97%  | 97%  | 97%  | 98%   | 96%  | 97%   | 98%   | 98%  | 98%   | 98%   |
| 80  | 96%   | 98%  | 97%  | 96%  | 98%   | 97%  | 97%   | 99%   | 97%  | 98%   | 98%   |
| 85  | 96%   | 99%  | 98%  | 97%  | 99%   | 99%  | 97%   | 99%   | 96%  | 99%   | 99%   |
| 90  | 96%   | 99%  | 99%  | 96%  | 100%  | 100%   | 97%   | 100%  | 96%  | 100%  | 99%   |
| 95  | 94%   | 100%   | 99%  | 96%  | 100%  | 100%   | 97%   | 100%  | 94%  | 100%  | 99%   |
| 100   | 92%   | 100%   | 99%  | 96%  | 100%  | 100%   | 96%   | 99%   | 92%  | 99%   | 99%   |
| 125   | 91%   | 100%   | 100%   | 93%  | 99%   | 98%  | 95%   | 97%   | 91%  | 96%   | 100%  |
| 150<br>175  | 89%<br>91%  | 97%<br>97%   | 98%<br>99%   | 89%<br>91%   | 94%<br>93%  | 94%<br>94%   | 93%<br>94%  | 94%<br>92%  | 89%<br>91%   | 94%<br>91%  | 97%<br>98%  |
| 200   | 88%   | 95%  | 97%  | 90%  | 91%   | 95%  | 95%   | 91%   | 89%  | 88%   | 97%   |
| 250   | 77%   | 91%  | 93%  | 86%  | 84%   | 96%  | 92%   | 86%   | 79%  | 77%   | 91%   |
| 300   | 67%   | 89%  | 93%  | 84%  | 82%   | 94%  | 91%   | 79%   | 71%  | 67%   | 89%   |
| 350   | 60%   | 86%  | 90%  | 81%  | 80%   | 89%  | 90%   | 72%   | 64%  | 60%   | 85%   |
| 400   | 56%   | 89%  | 94%  | 87%  | 77%   | 92%  | 95%   | 72%   | 68%  | 56%   | 88%   |
| 500   | 47%   | 90%  | 96%  | 88%  | 72%   | 91%  | 98%   | 65%   | 67%  | 47%   | 86%   |
|   |   |  |  |  |   |  |   |   |  |   |   |
| Indy - C  | T 0 75 -Pool 1  | Total  |  |  |   |  |   |   |  |   |   |
| Indy - C  | QT 0.75 -Pool 1<br>Min All  | 「otal<br>E. gra.   | C. pro.  | D. arg.  | N. ama.   | I. lup.  | A. mex.   | M. con.   | L. meg.  | M. sal.   | C. cya.   |
| ,   |   |  | C. pro.<br>8%  | D. arg.  | N. ama.<br>0%   | I. lup.<br>0%  |   | M. con.<br>0%   | L. meg.<br>0%  | M. sal.<br>0%   | C. cya.<br>0%   |
| Q   | Min All   | E. gra.  |  |  |   |  | A. mex.   |   | _  |   |   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>3%   | E. gra.<br>8%<br>22%<br>41%  | 8%<br>23%<br>43%   | 31%<br>61%<br>83%  | 0%<br>19%<br>36%  | 0%<br>0%<br>3%   | A. mex.<br>25%<br>47%<br>68%  | 0%<br>20%<br>37%  | 0%<br>13%<br>27%   | 0%<br>13%<br>27%  | 0%<br>20%<br>39%  |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>3%<br>14%  | E. gra.<br>8%<br>22%<br>41%<br>45%   | 8%<br>23%<br>43%<br>46%  | 31%<br>61%<br>83%<br>90%   | 0%<br>19%<br>36%<br>41%   | 0%<br>0%<br>3%<br>14%  | A. mex. 25% 47% 68% 77%   | 0%<br>20%<br>37%<br>42%   | 0%<br>13%<br>27%<br>47%  | 0%<br>13%<br>27%<br>47%   | 0%<br>20%<br>39%<br>45%   |
| Q<br>1<br>5<br>10<br>15<br>20   | Min All 0% 0% 3% 14% 31%  | E. gra.<br>8%<br>22%<br>41%<br>45%<br>51%  | 8%<br>23%<br>43%<br>46%<br>52%   | 31%<br>61%<br>83%<br>90%<br>97%  | 0%<br>19%<br>36%<br>41%   | 0%<br>0%<br>3%<br>14%<br>31%   | A. mex. 25% 47% 68% 77% 83%   | 0%<br>20%<br>37%<br>42%<br>52%  | 0%<br>13%<br>27%<br>47%<br>49%   | 0%<br>13%<br>27%<br>47%<br>49%  | 0%<br>20%<br>39%<br>45%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25   | Min All 0% 0% 3% 14% 31% 39%  | E. gra.  8%  22%  41%  45%  51%  62%   | 8%<br>23%<br>43%<br>46%<br>52%<br>64%  | 31%<br>61%<br>83%<br>90%<br>97%<br>95%   | 0%<br>19%<br>36%<br>41%<br>54%  | 0%<br>0%<br>3%<br>14%<br>31%<br>39%  | A. mex.<br>25%<br>47%<br>68%<br>77%<br>83%<br>85%   | 0%<br>20%<br>37%<br>42%<br>52%  | 0%<br>13%<br>27%<br>47%<br>49%<br>55%  | 0%<br>13%<br>27%<br>47%<br>49%<br>55%   | 0%<br>20%<br>39%<br>45%<br>55%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | Min All 0% 0% 3% 14% 31% 39%  | E. gra.  8% 22% 41% 45% 51% 62%  | 8%<br>23%<br>43%<br>46%<br>52%<br>64%  | 31%<br>61%<br>83%<br>90%<br>97%<br>95%   | 0%<br>19%<br>36%<br>41%<br>54%<br>56%   | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%   | A. mex. 25% 47% 68% 77% 83% 85%   | 0%<br>20%<br>37%<br>42%<br>52%<br>55%   | 0%<br>13%<br>27%<br>47%<br>49%<br>55%  | 0%<br>13%<br>27%<br>47%<br>49%<br>55%   | 0%<br>20%<br>39%<br>45%<br>55%<br>56%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | Min All 0% 0% 3% 144% 31% 39% 46% 56%   | E. gra.  8% 22% 41% 45% 51% 62% 65% 75%  | 8%<br>23%<br>43%<br>46%<br>52%<br>64%<br>67%<br>77%  | 31%<br>61%<br>83%<br>90%<br>97%<br>95%<br>95%<br>94%   | 0%<br>19%<br>36%<br>41%<br>54%<br>56%<br>63%  | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91%   | 0%<br>20%<br>37%<br>42%<br>52%<br>55%<br>64%  | 0%<br>13%<br>27%<br>47%<br>49%<br>55%<br>65%<br>66%  | 0%<br>13%<br>27%<br>47%<br>49%<br>55%<br>65%<br>66%   | 0%<br>20%<br>39%<br>45%<br>55%<br>56%<br>64%  |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | Min All 0% 0% 3% 14% 31% 39% 46% 56% 61%  | E. gra.  8%  22%  41%  45%  51%  62%  65%  75%  78%  | 8%<br>23%<br>43%<br>46%<br>52%<br>64%<br>67%<br>77%<br>80%   | 31%<br>61%<br>83%<br>90%<br>97%<br>95%<br>95%<br>94%<br>100%   | 0%<br>19%<br>36%<br>41%<br>54%<br>56%<br>63%<br>63%<br>74%                                      | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%   | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97%   | 0%<br>20%<br>37%<br>42%<br>52%<br>55%<br>64%<br>64%   | 0%<br>13%<br>27%<br>47%<br>49%<br>55%<br>65%<br>66%<br>67%   | 0%<br>13%<br>27%<br>47%<br>49%<br>55%<br>65%<br>66%<br>67%  | 0%<br>20%<br>39%<br>45%<br>55%<br>56%<br>64%<br>64%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | Min All 0% 0% 3% 144% 31% 39% 46% 56%   | E. gra.  8% 22% 41% 45% 51% 62% 65% 75%  | 8%<br>23%<br>43%<br>46%<br>52%<br>64%<br>67%<br>77%  | 31%<br>61%<br>83%<br>90%<br>97%<br>95%<br>95%<br>94%   | 0%<br>19%<br>36%<br>41%<br>54%<br>56%<br>63%  | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91%   | 0%<br>20%<br>37%<br>42%<br>52%<br>55%<br>64%  | 0%<br>13%<br>27%<br>47%<br>49%<br>55%<br>65%<br>66%  | 0%<br>13%<br>27%<br>47%<br>49%<br>55%<br>65%<br>66%   | 0%<br>20%<br>39%<br>45%<br>55%<br>56%<br>64%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  | E. gra.  8%  22%  41%  45%  51%  62%  65%  75%  78%  83%   | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84%   | 31%<br>61%<br>83%<br>90%<br>97%<br>95%<br>95%<br>94%<br>100%<br>95%  | 0%<br>19%<br>36%<br>41%<br>54%<br>56%<br>63%<br>63%<br>74%                                      | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98%   | 0%<br>20%<br>37%<br>42%<br>52%<br>55%<br>64%<br>64%<br>65%<br>78%   | 0% 13% 27% 47% 49% 55% 66% 67% 67%   | 0% 13% 27% 47% 49% 55% 66% 67%  | 0%<br>20%<br>39%<br>45%<br>55%<br>56%<br>64%<br>64%<br>84%<br>86%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All 0% 0% 3% 14% 31% 46% 56% 61% 62% 70%  | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86%  | 8%<br>23%<br>43%<br>46%<br>52%<br>64%<br>67%<br>77%<br>80%<br>84%<br>88%   | 31%<br>61%<br>83%<br>90%<br>97%<br>95%<br>95%<br>94%<br>100%<br>95%<br>98%                                   | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76%  | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%   | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100%  | 0%<br>20%<br>37%<br>42%<br>52%<br>55%<br>64%<br>65%<br>78%<br>81%   | 0% 13% 27% 47% 49% 55% 66% 67% 67% 78%   | 0% 13% 27% 47% 49% 55% 65% 66% 67% 67%  | 0%<br>20%<br>39%<br>45%<br>55%<br>56%<br>64%<br>84%<br>86%<br>88%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All 0% 0% 3% 14% 31% 39% 46% 61% 62% 70% 71% 78%  | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92%  | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 94%   | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90%   | 0% 19% 36% 41% 54% 56% 63% 63% 75% 76% 76% 78%  | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 94% 93%  | 0% 20% 37% 42% 52% 55% 64% 65% 78% 81% 82% 85% 86%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91%   | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 78% 91%  | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70   | Min All 0% 0% 3% 14% 31% 39% 46% 61% 62% 70% 71% 78% 79% 80%  | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94%  | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 94% 95%   | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87%   | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 78% 79% 80%  | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%   | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 94% 93% 89%  | 0% 20% 37% 42% 52% 55% 64% 65% 78% 81% 82% 85% 86%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 92%   | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 78% 91%  | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91% 89%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75   | Min All 0% 0% 3% 14% 31% 39% 46% 56% 61% 62% 70% 71% 78% 79% 80% 80%  | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94%  | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 99% 91% 95% 100%  | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86%   | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 78% 79% 80%  | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%   | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 98% 89% 86%  | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 86% 87%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 67% 78% 78% 91% 92% 100%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 92% 100%   | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80   | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  79%  80%  80%  82%   | E. gra.  8%  22%  41%  45%  51%  62%  65%  75%  88%  88%  89%  94%  94%  99%  100%   | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 994% 95% 100%   | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83%   | 0% 19% 36% 41% 54% 55% 63% 63% 74% 75% 76% 76% 78% 79% 80% 80% 82%                              | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 94% 93% 89% 86% 83%  | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 86% 87% 87%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 67% 78% 78% 91% 92% 100% 100%   | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 92% 100%   | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91% 89% 89% 91% 91%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85   | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  79%  80%  80%  82%  76%  | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94% 100%   | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 94% 95% 100% 100%   | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84%                                     | 0% 19% 36% 41% 54% 56% 63% 63% 74% 76% 76% 78% 80% 80% 82%                                      | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 98% 86% 83% 76%  | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 87% 87% 89%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97%                                     | 0% 13% 27% 47% 49% 55% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97%  | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91% 89% 91% 99%  |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90  | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  79%  80%  80%  82%  76%  75%                                   | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94% 99% 100% 100% 99%  | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 914% 95% 100% 100% 100% 99%   | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84%                                     | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 76% 78% 80% 80% 82% 90%                              | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%<br>100%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 98% 100% 97% 94% 93% 89% 86% 83% 76%   | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 87% 88% 86% 87% 87%  | 0% 13% 27% 47% 49% 55% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97%   | 0% 13% 27% 47% 49% 55% 65% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97%  | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91% 89% 91% 99% 97%  |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95  | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  80%  80%  80%  82%  76%  75%  72%                              | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94% 99% 100%   | 8%<br>23%<br>43%<br>46%<br>52%<br>64%<br>67%<br>77%<br>80%<br>84%<br>88%<br>89%<br>94%<br>95%<br>95%<br>100%<br>100% | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84% 83%                                 | 0% 19% 36% 41% 54% 63% 63% 74% 75% 76% 78% 78% 80% 80% 82% 90%                                  | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%<br>100%<br>100%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 94% 93% 89% 86% 83% 76% 75%  | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 86% 87% 87% 89% 87%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 90% 100% 97% 97%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 92% 100% 100% 97% 97%  | 0% 20% 39% 45% 55% 56% 64% 84% 86% 88% 90% 91% 89% 89% 91% 90% 97% 96%                                      |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90  | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  79%  80%  80%  82%  76%  75%                                   | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94% 99% 100% 100% 99%  | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 914% 95% 100% 100% 100% 99%   | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84%                                     | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 76% 78% 80% 80% 82% 90%                              | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%<br>100%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 98% 100% 97% 94% 93% 89% 86% 83% 76%   | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 87% 88% 86% 87% 87%  | 0% 13% 27% 47% 49% 55% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97%   | 0% 13% 27% 47% 49% 55% 65% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97%  | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91% 89% 91% 99% 97%  |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100   | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  80%  80%  80%  82%  76%  75%  72%  69%                         | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94% 99% 100% 100% 99%  | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 94% 95% 100% 100% 99%   | 31% 61% 83% 90% 97% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84% 83% 79%                                 | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 78% 80% 80% 82% 82% 90% 91%                          | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%<br>100%<br>99%<br>91%  | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 94% 93% 86% 83% 76% 75% 72% 69%  | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 86% 87% 87% 89% 87% 94%                                    | 0% 13% 27% 47% 49% 55% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97% 97% 88%                                 | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 92% 100% 100% 97% 97% 88%  | 0% 20% 39% 45% 55% 56% 64% 84% 86% 88% 90% 91% 89% 91% 91% 90% 97% 96% 98%                                  |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                                    | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  79%  80%  80%  82%  76%  75%  72%  69%  62%                    | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 100% 100% 99% 100% 99%                                       | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 94% 95% 100% 100% 99% 1100% 99% 91%                                   | 31% 61% 83% 90% 97% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84% 83% 79%                                 | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 78% 80% 80% 82% 82% 90% 91% 100%                     | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>100%<br>100%<br>100%<br>99%<br>91%   | A. mex. 25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 94% 93% 89% 86% 83% 76% 75% 72% 69% 62%  | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 86% 87% 87% 89% 89% 89%                                    | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 92% 100% 100% 97% 97% 88% 82%                             | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 78% 91% 92% 100% 100% 97% 97% 88% 82%  | 0% 20% 39% 45% 55% 56% 64% 84% 86% 88% 90% 91% 89% 91% 90% 91% 90% 91% 90% 91%                              |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200                        | Min All  0%  0%  3%  14%  31%  39%  46%  61%  62%  70%  71%  78%  79%  80%  80%  82%  76%  72%  69%  62%  45%  42%  50%               | E. gra.  8% 22% 41% 45% 51% 62% 65% 78% 83% 86% 87% 92% 94% 94% 99% 100% 100% 99% 100% 99% 14% 83% 81%                       | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 94% 95% 100% 100% 100% 100% 99% 17% 75% 71%                           | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84% 83% 84% 83% 84% 83% 84%             | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 78% 80% 80% 82% 90% 91% 100% 93% 88% 81%             | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%<br>100%<br>100%<br>91%<br>74%<br>45%<br>42%                      | A. mex.  25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 94% 93% 89% 86% 83% 76% 75% 72% 69% 62% 53% 49% 50%                                   | 0% 20% 37% 42% 52% 55% 64% 65% 78% 81% 82% 85% 86% 86% 87% 87% 94% 94% 94% 94% 100% 100%                          | 0% 13% 27% 47% 49% 49% 55% 66% 66% 67% 78% 78% 91% 92% 100% 97% 97% 88% 82% 78% 78%                      | 0% 13% 27% 47% 49% 55% 66% 66% 66% 67% 78% 78% 91% 92% 100% 97% 88% 82% 78% 78% 78%   | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91% 89% 91% 90% 91% 90% 91% 94% 85% 73%                      |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250                 | Min All  0%  0%  3%  14%  31%  39%  46%  61%  62%  70%  71%  78%  79%  80%  80%  82%  76%  72%  69%  62%  44%  50%  41%               | E. gra.  8% 22% 41% 45% 51% 62% 65% 78% 83% 86% 87% 92% 94% 94% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100% 99% 100%        | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 99% 91% 100% 100% 100% 99% 100% 57% 71% 57%                               | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84% 83% 84% 83% 85%                     | 0% 19% 36% 41% 54% 56% 63% 63% 75% 76% 78% 79% 80% 80% 82% 90% 91% 100% 93% 88% 81% 66%         | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%<br>100%<br>100%<br>91%<br>74%<br>45%<br>42%<br>56%<br>76%        | A. mex.  25% 47% 68% 77% 83% 85% 92% 91% 97% 98% 100% 97% 94% 93% 89% 86% 83% 76% 75% 72% 69% 62% 53% 49% 50% 41%                               | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 87% 87% 87% 87% 89% 87% 94% 94% 94% 93% 100% 100% 103% 81% | 0% 13% 27% 47% 49% 55% 66% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97% 88% 82% 78% 78% 78% 78%             | 0% 13% 27% 47% 49% 55% 66% 66% 667% 78% 78% 91% 92% 100% 100% 97% 97% 88% 82% 78% 78% 78% 78%                               | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91% 89% 91% 90% 94% 85% 73% 67%                              |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300 | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  80%  80%  82%  76%  72%  69%  62%  45%  42%  50%  41%  19%     | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94% 99% 100% 100% 99% 100% 100% 99% 104% 83% 81% 74% 62% 59% | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 99% 91% 100% 100% 100% 100% 99% 100% 57% 71% 57% 51%                      | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84% 83% 79% 72% 60% 58% 63% 55%         | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 78% 79% 80% 82% 82% 90% 91% 100% 93% 88% 81% 66% 61% | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%<br>100%<br>100%<br>99%<br>91%<br>74%<br>45%<br>42%<br>56%<br>76% | A. mex.  25%  47%  68%  77%  83%  85%  92%  91%  97%  98%  100%  97%  94%  93%  89%  86%  83%  76%  75%  72%  69%  62%  53%  49%  50%  41%  42% | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 87% 87% 87% 89% 87% 94% 94% 94% 94% 94% 95% 100% 103% 81%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97% 97% 88% 82% 78% 78% 78% 78% 19%     | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 92% 100% 100% 97% 97% 88% 82% 78% 78% 78% 78% 19%                            | 0% 20% 39% 45% 55% 56% 64% 84% 86% 88% 90% 91% 89% 91% 90% 97% 96% 98% 100% 94% 85% 73% 67% 55%             |
| Q<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 55<br>60 65<br>70 75<br>80 85<br>90 95<br>100 125<br>150 175<br>200 250 300 350                                    | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  80%  80%  82%  75%  72%  69%  62%  45%  42%  50%  41%  19%  2% | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94% 99% 100% 100% 99% 100% 99% 100% 59% 52%                  | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 89% 91% 100% 100% 99% 110% 100% 95% 100% 100% 100% 100% 100% 100% 100% 10 | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84% 83% 79% 72% 60% 58% 63% 55% 45% 32% | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 78% 80% 80% 82% 90% 91% 100% 93% 88% 81% 66% 61% 53% | 0% 0% 3% 14% 31% 39% 46% 56% 61% 62% 70% 71% 78% 90% 86% 99% 100% 100% 100% 99% 91% 74% 45% 45% 45% 76% 90% 80%  | A. mex. 25% 47% 68% 47% 83% 85% 92% 91% 97% 98% 100% 97% 98% 100% 97% 94% 93% 89% 86% 83% 76% 75% 72% 69% 62% 53% 49% 50% 41% 42% 39%           | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 86% 87% 87% 94% 94% 94% 94% 94% 94% 94% 94% 94% 94         | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 78% 91% 90% 100% 97% 97% 88% 82% 78% 78% 78% 78% 109% 97% 97% | 0% 13% 27% 47% 49% 55% 66% 66% 66% 67% 78% 78% 78% 91% 92% 100% 100% 97% 97% 88% 82% 78% 78% 78% 78% 78% 78% 78% 78% 78% 78 | 0% 20% 39% 45% 55% 56% 64% 64% 84% 86% 88% 90% 91% 89% 91% 91% 90% 97% 96% 98% 100% 94% 85% 73% 67% 55% 30% |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300 | Min All  0%  0%  3%  14%  31%  39%  46%  56%  61%  62%  70%  71%  78%  80%  80%  82%  76%  72%  69%  62%  45%  42%  50%  41%  19%     | E. gra.  8% 22% 41% 45% 51% 62% 65% 75% 78% 83% 86% 87% 92% 94% 94% 99% 100% 100% 99% 100% 100% 99% 104% 83% 81% 74% 62% 59% | 8% 23% 43% 46% 52% 64% 67% 77% 80% 84% 88% 99% 91% 100% 100% 100% 100% 99% 100% 57% 71% 57% 51%                      | 31% 61% 83% 90% 97% 95% 95% 94% 100% 95% 98% 91% 88% 90% 87% 86% 83% 84% 83% 79% 72% 60% 58% 63% 55%         | 0% 19% 36% 41% 54% 56% 63% 63% 74% 75% 76% 78% 79% 80% 82% 82% 90% 91% 100% 93% 88% 81% 66% 61% | 0%<br>0%<br>3%<br>14%<br>31%<br>39%<br>46%<br>56%<br>61%<br>62%<br>70%<br>71%<br>78%<br>90%<br>86%<br>99%<br>100%<br>100%<br>100%<br>99%<br>91%<br>74%<br>45%<br>42%<br>56%<br>76% | A. mex.  25%  47%  68%  77%  83%  85%  92%  91%  97%  98%  100%  97%  94%  93%  89%  86%  83%  76%  75%  72%  69%  62%  53%  49%  50%  41%  42% | 0% 20% 37% 42% 52% 55% 64% 64% 65% 78% 81% 82% 85% 86% 87% 87% 87% 89% 87% 100% 103% 81% 53%                      | 0% 13% 27% 47% 49% 55% 65% 66% 67% 67% 78% 78% 91% 92% 100% 100% 97% 97% 88% 82% 78% 78% 78% 78% 19%     | 0% 13% 27% 47% 49% 55% 66% 66% 67% 78% 78% 91% 92% 100% 100% 97% 97% 88% 82% 78% 78% 78% 78% 19%                            | 0% 20% 39% 45% 55% 56% 64% 84% 86% 88% 90% 91% 89% 91% 90% 97% 96% 98% 100% 94% 85% 73% 67% 55%             |

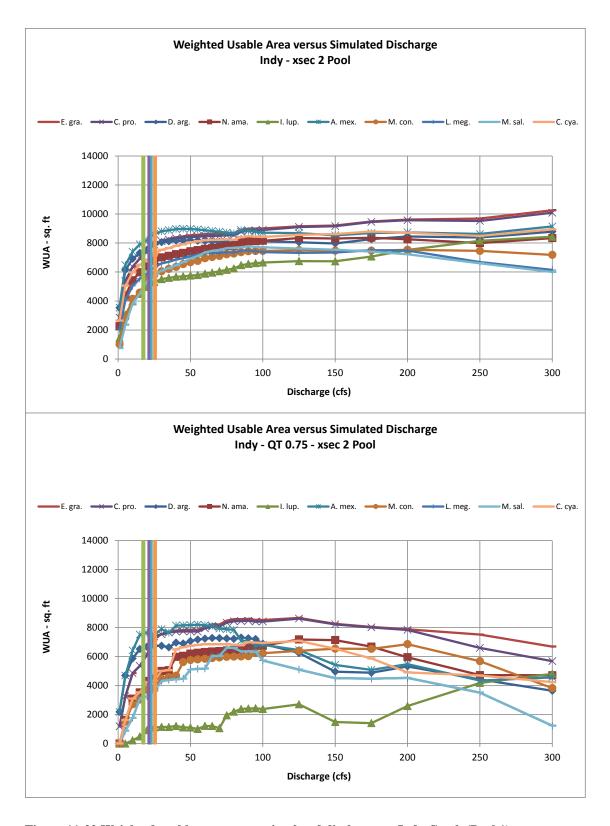


Figure 11-22 Weighted usable area versus simulated discharge at Indy Creek (Pool 1).

Table 11-22 Percent of maximum WUA versus simulated discharge at Indy Creek (Pool 1).

| I males s  | ann 3 Dani   |   |   |   |   |  |  |   |   |   |   |
|--|--|---|---|---|---|--|--|---|---|---|---|
| Indy - x   | ksec 2 Pool<br>Min All   | E ara   | Coro  | Dara  | N. ama.   | I. lup.  | A. mex.  | M. con.   | I mog   | M. sal.   | Cova  |
| 1  | 10%  | E. gra.<br>30%  | C. pro.<br>30%  | D. arg.<br>43%  | 27%   | 21%  | 39%  | 14%   | L. meg.<br>28%  | 10%   | C. cya.<br>30%  |
| 5  | 30%  | 57%   | 57%   | 74%   | 52%   | 43%  | 72%  | 38%   | 54%   | 30%   | 58%   |
| 10   | 49%  | 67%   | 67%   | 84%   | 65%   | 56%  | 82%  | 55%   | 67%   | 49%   | 68%   |
| 15   | 58%  | 73%   | 73%   | 89%   | 72%   | 64%  | 88%  | 61%   | 74%   | 58%   | 74%   |
| 20   | 69%  | 78%   | 79%   | 91%   | 76%   | 70%  | 91%  | 73%   | 78%   | 69%   | 78%   |
| 25   | 74%  | 83%   | 83%   | 96%   | 81%   | 75%  | 96%  | 77%   | 84%   | 74%   | 83%   |
| 30   | 78%  | 86%   | 86%   | 98%   | 84%   | 78%  | 98%  | 81%   | 88%   | 79%   | 86%   |
| 35   | 79%  | 87%   | 87%   | 98%   | 85%   | 79%  | 99%  | 83%   | 89%   | 81%   | 87%   |
| 40   | 80%  | 88%   | 88%   | 99%   | 86%   | 80%  | 100%   | 85%   | 91%   | 83%   | 89%   |
| 45   | 81%  | 89%   | 89%   | 99%   | 87%   | 81%  | 100%   | 87%   | 93%   | 86%   | 90%   |
| 50   | 81%  | 90%   | 89%   | 99%   | 89%   | 81%  | 100%   | 89%   | 95%   | 89%   | 91%   |
| 55   | 82%  | 90%   | 89%   | 99%   | 90%   | 82%  | 99%  | 90%   | 96%   | 91%   | 92%   |
| 60   | 83%  | 91%   | 90%   | 98%   | 91%   | 83%  | 99%  | 93%   | 97%   | 95%   | 93%   |
| 65   | 84%  | 91%   | 90%   | 98%   | 91%   | 84%  | 98%  | 94%   | 98%   | 96%   | 93%   |
| 70   | 86%  | 91%   | 90%   | 98%   | 92%   | 86%  | 98%  | 95%   | 98%   | 97%   | 93%   |
| 75   | 87%  | 91%   | 90%   | 97%   | 93%   | 87%  | 97%  | 96%   | 98%   | 98%   | 94%   |
| 80   | 88%  | 92%   | 90%   | 97%   | 93%   | 88%  | 96%  | 97%   | 98%   | 99%   | 94%   |
| 85<br>90   | 92%<br>93%   | 94%<br>95%  | 93%<br>94%  | 100%  | 96%<br>97%  | 92%<br>93%   | 99%<br>98%   | 98%<br>99%  | 99%<br>100%   | 99%<br>100%   | 96%<br>96%  |
| 90<br>95   | 93%  | 95%<br>95%  | 94%   | 100%<br>99%   | 97%   | 93%  | 98%  | 99%   | 99%   | 100%  | 96%   |
| 100  | 94%  | 95%   | 94%   | 98%   | 97%   | 94%  | 97%  | 99%   | 98%   | 99%   | 96%   |
| 125  | 96%  | 96%   | 96%   | 97%   | 100%  | 96%  | 97%  | 100%  | 98%   | 98%   | 97%   |
| 150  | 95%  | 97%   | 97%   | 96%   | 99%   | 95%  | 95%  | 100%  | 98%   | 97%   | 98%   |
| 175  | 95%  | 100%  | 100%  | 100%  | 100%  | 100%   | 97%  | 100%  | 100%  | 95%   | 100%  |
| 200  | 93%  | 101%  | 101%  | 102%  | 99%   | 106%   | 97%  | 100%  | 100%  | 93%   | 99%   |
| 250  | 85%  | 102%  | 101%  | 101%  | 96%   | 115%   | 96%  | 99%   | 89%   | 85%   | 97%   |
| 300  | 77%  | 108%  | 107%  | 106%  | 100%  | 119%   | 102%   | 96%   | 82%   | 77%   | 102%  |
| 350  | 70%  | 111%  | 110%  | 111%  | 99%   | 118%   | 104%   | 91%   | 76%   | 70%   | 103%  |
| 400<br>500   | 67%<br>60%   | 121%<br>135%  | 123%<br>138%  | 127%<br>142%  | 100%<br>99%   | 127%<br>142%   | 118%<br>134%   | 95%<br>92%  | 86%<br>89%  | 67%<br>60%  | 111%<br>117%  |
|  |  |   |   |   |   |  |  |   |   |   |   |
| ,  | QT 0.75 - xsec   |   |   | _   |   |  | _  |   |   |   |   |
| _ Q  | Min All  | E. gra.   | C. pro.   | D. arg.   | N. ama.   | I. lup.  | A. mex.  | M. con.   | L. meg.   | M. sal.   | C. cya.   |
| Q<br>1   | Min All<br>0%  | E. gra.<br>14%  | 14%   | 30%   | 0%  | 0%   | 27%  | 0%  | 0%  | 0%  | 0%  |
| Q<br>1<br>5  | Min All<br>0%<br>0%  | E. gra.<br>14%<br>38%   | 14%<br>38%  | 30%<br>64%  | 0%<br>23%   | 0%<br>0%   | 27%<br>57%   | 0%<br>23%   | 0%<br>13%   | 0%<br>13%   | 0%<br>23%   |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>8%  | E. gra.<br>14%<br>38%<br>56%  | 14%<br>38%<br>56%   | 30%<br>64%<br>80%   | 0%<br>23%<br>43%  | 0%<br>0%<br>8%   | 27%<br>57%<br>78%  | 0%<br>23%<br>41%  | 0%<br>13%<br>27%  | 0%<br>13%<br>27%  | 0%<br>23%<br>44%  |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>8%<br>18%   | E. gra.<br>14%<br>38%<br>56%<br>62%   | 14%<br>38%<br>56%<br>62%  | 30%<br>64%<br>80%<br>89%  | 0%<br>23%<br>43%<br>49%   | 0%<br>0%<br>8%<br>18%  | 27%<br>57%<br>78%<br>92%   | 0%<br>23%<br>41%<br>46%   | 0%<br>13%<br>27%<br>47%   | 0%<br>13%<br>27%<br>47%   | 0%<br>23%<br>44%<br>50%   |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>8%  | E. gra.<br>14%<br>38%<br>56%  | 14%<br>38%<br>56%   | 30%<br>64%<br>80%   | 0%<br>23%<br>43%  | 0%<br>0%<br>8%   | 27%<br>57%<br>78%  | 0%<br>23%<br>41%  | 0%<br>13%<br>27%  | 0%<br>13%<br>27%  | 0%<br>23%<br>44%  |
| Q<br>1<br>5<br>10<br>15<br>20  | Min All 0% 0% 8% 18% 34%   | E. gra.<br>14%<br>38%<br>56%<br>62%<br>71%  | 14%<br>38%<br>56%<br>62%<br>71%   | 30%<br>64%<br>80%<br>89%<br>91%   | 0%<br>23%<br>43%<br>49%   | 0%<br>0%<br>8%<br>18%<br>34%   | 27%<br>57%<br>78%<br>92%<br>93%  | 0%<br>23%<br>41%<br>46%<br>57%  | 0%<br>13%<br>27%<br>47%<br>49%  | 0%<br>13%<br>27%<br>47%<br>49%  | 0%<br>23%<br>44%<br>50%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25  | Min All 0% 0% 8% 18% 34% 41%   | E. gra. 14% 38% 56% 62% 71%   | 14%<br>38%<br>56%<br>62%<br>71%<br>86%  | 30%<br>64%<br>80%<br>89%<br>91%<br>92%  | 0%<br>23%<br>43%<br>49%<br>60%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%  | 27%<br>57%<br>78%<br>92%<br>93%<br>92%   | 0%<br>23%<br>41%<br>46%<br>57%<br>58%   | 0%<br>13%<br>27%<br>47%<br>49%<br>55%   | 0%<br>13%<br>27%<br>47%<br>49%<br>55%   | 0%<br>23%<br>44%<br>50%<br>60%<br>61%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30  | Min All 0% 0% 8% 18% 34% 41%   | E. gra. 14% 38% 56% 62% 71% 85%   | 14%<br>38%<br>56%<br>62%<br>71%<br>86%<br>87%   | 30%<br>64%<br>80%<br>89%<br>91%<br>92%  | 0%<br>23%<br>43%<br>49%<br>60%<br>62%<br>70%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%  | 27%<br>57%<br>78%<br>92%<br>93%<br>92%<br>96%  | 0%<br>23%<br>41%<br>46%<br>57%<br>58%   | 0%<br>13%<br>27%<br>47%<br>49%<br>55%   | 0%<br>13%<br>27%<br>47%<br>49%<br>55%   | 0%<br>23%<br>44%<br>50%<br>60%<br>61%<br>71%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | Min All 0% 0% 8% 18% 34% 41% 42% 45% 41%   | E. gra. 14% 38% 56% 62% 71% 85% 87% 89% 90%   | 14%<br>38%<br>56%<br>62%<br>71%<br>86%<br>87%<br>89%<br>90%   | 30%<br>64%<br>80%<br>89%<br>91%<br>92%<br>92%<br>91%<br>95%<br>94%                            | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>42%<br>45%<br>41%  | 27% 57% 78% 92% 93% 92% 93% 99% 96% 93% 99%  | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86%  | 0% 13% 27% 47% 49% 55% 66% 67% 68%  | 0% 13% 27% 47% 49% 55% 66% 67% 68%  | 0% 23% 44% 50% 60% 61% 71% 71% 92% 94%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All 0% 0% 8% 18% 34% 41% 42% 45% 41% 41%   | E. gra. 14% 38% 56% 62% 71% 85% 87% 89% 90% 91%   | 14%<br>38%<br>56%<br>62%<br>71%<br>86%<br>87%<br>89%<br>90%<br>90%  | 30%<br>64%<br>80%<br>89%<br>91%<br>92%<br>92%<br>91%<br>95%<br>94%<br>97%                     | 0% 23% 43% 49% 60% 62% 71% 83% 84% 86%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>42%<br>45%<br>41%  | 27% 57% 78% 92% 93% 92% 93% 96% 93% 99% 100%   | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77%  | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55  | Min All 0% 0% 8% 18% 34% 41% 42% 45% 41% 41% 37%   | E. gra.  14% 38% 56% 62% 71% 85% 89% 90% 91% 91%  | 14%<br>38%<br>56%<br>62%<br>71%<br>86%<br>87%<br>89%<br>90%<br>90%<br>90%                                     | 30%<br>64%<br>80%<br>89%<br>91%<br>92%<br>92%<br>95%<br>94%<br>97%<br>98%                     | 0% 23% 43% 49% 60% 62% 71% 83% 84% 86% 87%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>41%<br>37%   | 27% 57% 78% 92% 93% 92% 93% 92% 96% 93% 100%   | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78%  | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60  | Min All 0% 0% 8% 18% 34% 41% 42% 45% 41% 45% 41% 45%   | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93%  | 14%<br>38%<br>56%<br>62%<br>71%<br>86%<br>87%<br>89%<br>90%<br>90%<br>90%<br>92%                              | 30%<br>64%<br>80%<br>89%<br>91%<br>92%<br>92%<br>95%<br>94%<br>97%<br>98%                     | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>41%<br>37%<br>45%  | 27% 57% 78% 92% 93% 92% 93% 96% 93% 100% 100%  | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78%  | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65  | Min All 0% 0% 8% 18% 34% 41% 42% 45% 41% 45% 45% 45%   | E. gra.  14% 38% 56% 62% 71% 85% 87% 90% 90% 91% 93% 95%  | 14%<br>38%<br>56%<br>62%<br>71%<br>86%<br>87%<br>89%<br>90%<br>90%<br>90%<br>92%<br>94%                       | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100%  | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>42%<br>45%<br>41%<br>41%<br>37%<br>45%   | 27% 57% 78% 92% 93% 92% 93% 90% 100% 100% 100% 99%   | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91%  | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97% 97%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70  | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  37%  45%  45%  39%  | E. gra.  14% 38% 56% 62% 71% 85% 87% 90% 90% 91% 91% 93% 95%  | 14%<br>38%<br>56%<br>62%<br>71%<br>86%<br>87%<br>89%<br>90%<br>90%<br>90%<br>92%<br>94%                       | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100%  | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88% 88%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>42%<br>45%<br>41%<br>37%<br>45%<br>45%<br>39%  | 27% 57% 78% 92% 93% 92% 93% 96% 93% 100% 100% 100% 99% 97%   | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99% 91%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 68% 77% 78% 91%  | 0% 23% 44% 50% 60% 61% 71% 71% 92% 94% 95% 96% 97% 97%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75  | Min All  0%  0%  8%  18%  34%  41%  42%  42%  45%  41%  45%  45%  39%  72%   | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93% 95% 95%  | 14%<br>38%<br>56%<br>62%<br>71%<br>86%<br>87%<br>89%<br>90%<br>90%<br>90%<br>90%<br>94%<br>94%<br>94%         | 30% 64% 80% 89% 91% 92% 92% 94% 95% 94% 97% 98% 99% 100%                                      | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 88% 89% 89%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>42%<br>45%<br>41%<br>45%<br>45%<br>37%<br>45%<br>39%   | 27% 57% 78% 92% 93% 92% 96% 93% 90% 100% 100% 99% 97%  | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99% 91% 91%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 78% 91% 100%   | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 91% 100%   | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97% 97%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | Min All  0%  0%  8%  18%  34%  41%  42%  42%  45%  41%  37%  45%  45%  39%  72%  81%                               | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93% 95% 95% 98%  | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 90% 92% 94% 94% 97% 98%   | 30% 64% 80% 89% 91% 92% 92% 94% 95% 94% 97% 98% 99% 100% 99%                                  | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 88% 89% 99%  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>42%<br>45%<br>41%<br>37%<br>45%<br>45%<br>39%<br>72%<br>81%  | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 99% 97% 96%                                       | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99% 91% 91% 92%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 68% 77% 78% 91% 100% 100%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 68% 77% 78% 91% 100%   | 0% 23% 44% 50% 60% 61% 71% 71% 92% 94% 95% 96% 97% 97% 97% 97%                                      |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>67<br>70<br>75<br>80<br>85  | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  41%  37%  45%  45%  39%  72%  81%  86%                     | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93% 95% 98% 99%  | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 90% 92% 94% 94% 97% 98%   | 30% 64% 80% 89% 91% 92% 92% 94% 95% 94% 97% 98% 99% 100%                                      | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88% 89% 99%                                      | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>45%<br>45%<br>45%<br>45%<br>45%<br>45%<br>88%  | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 99% 96% 96%                                       | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99% 91% 91% 92%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 68% 77% 78% 91% 100% 100% 96%                                    | 0% 13% 27% 47% 49% 55% 65% 66% 67% 68% 77% 78% 91% 100% 100% 96%                                    | 0% 23% 44% 50% 60% 61% 71% 71% 92% 94% 95% 96% 97% 97% 97% 97% 96% 96%                              |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90   | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  45%  45%  45%  45%  45                                     | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93% 95% 95% 98% 99%  | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 92% 94% 94% 97% 98% 98%   | 30% 64% 80% 89% 91% 92% 91% 95% 94% 95% 94% 99% 100% 99% 99%                                  | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88% 89% 99% 90% 90%                              | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>45%<br>45%<br>37%<br>45%<br>39%<br>72%<br>81%<br>88%   | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 99% 96% 96% 86%                                   | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 89% 91% 91% 92% 92%  | 0% 13% 27% 47% 49% 55% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96%                                    | 0% 13% 27% 47% 49% 55% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96%                                    | 0% 23% 44% 50% 60% 61% 71% 71% 92% 94% 95% 96% 97% 97% 97% 96% 96% 99%                              |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>67<br>70<br>75<br>80<br>85  | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  41%  37%  45%  45%  39%  72%  81%  86%                     | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93% 95% 98% 99%  | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 90% 92% 94% 94% 97% 98%   | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100% 99% 99% 99%                              | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88% 89% 99%                                      | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>45%<br>45%<br>45%<br>45%<br>45%<br>45%<br>88%  | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 99% 96% 96%                                       | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99% 91% 91% 92%  | 0% 13% 27% 47% 49% 55% 65% 66% 67% 68% 77% 78% 91% 100% 100% 96%                                    | 0% 13% 27% 47% 49% 55% 65% 66% 67% 68% 77% 78% 91% 100% 100% 96%                                    | 0% 23% 44% 50% 60% 61% 71% 71% 92% 94% 95% 96% 97% 97% 97% 97% 96% 96%                              |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95                                       | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  45%  45%  45%  45%  45                                     | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 95% 95% 98% 99% 99%  | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 90% 90% 92% 94% 94% 94% 97% 98% 98%                                   | 30% 64% 80% 89% 91% 92% 91% 95% 94% 95% 94% 99% 100% 99% 99%                                  | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88% 89% 90% 90% 94% 94%                          | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>45%<br>45%<br>45%<br>45%<br>45%<br>45%<br>45%<br>45%<br>45%<br>45  | 27% 57% 78% 92% 93% 92% 93% 96% 93% 100% 100% 100% 100% 100% 99% 96% 86% 86% 86%                     | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 91% 91% 92% 92% 95%  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96%                                | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 78% 91% 100% 100% 96% 96%                            | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97% 97% 97% 97% 97% 98%                                  |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100                                | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  45%  45%  45%  45%  86%  88%  88%                          | E. gra.  14% 38% 56% 62% 71% 85% 89% 90% 91% 91% 93% 95% 98% 98% 98%  | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 90% 92% 94% 94% 94% 94% 98% 98%                                       | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100% 99% 99% 94%                              | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88% 89% 90% 90% 94% 94%                          | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>45%<br>45%<br>45%<br>45%<br>39%<br>72%<br>81%<br>88%<br>89%<br>90%<br>88%                                      | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 100% \$6% 86% 86% 86% 82% 83%                     | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 89% 90% 91% 91% 92% 92% 95%                                | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 78% 91% 100% 100% 96% 96% 87%                        | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 78% 91% 100% 100% 96% 96% 87%                        | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97% 97% 97% 97% 98% 98%                                  |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                         | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  45%  45%  45%  86%  88%  86%  88%  77%                     | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93% 95% 95% 98% 98% 100%                                       | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 92% 94% 94% 94% 94% 98% 98% 100%                                      | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100% 99% 99% 94% 85%                          | 0% 23% 43% 49% 60% 62% 70% 711% 833% 844% 86% 87% 88% 89% 99% 90% 94% 94% 100%                  | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>45%<br>41%<br>45%<br>45%<br>45%<br>45%<br>88%<br>90%<br>88%<br>90%<br>88%   | 27% 57% 78% 92% 93% 92% 96% 96% 100% 100% 100% 99% 96% 86% 86% 86% 88% 83% 79%                       | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99% 91% 91% 92% 92% 95% 95%                                | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96% 87% 77%                        | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96% 87% 77%                        | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97% 97% 96% 97% 97% 96% 98% 100%                         |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200           | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  45%  45%  39%  72%  81%  86%  82%  83%  77%  55%  52%  67% | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93% 95% 95% 98% 99% 99% 99% 99% 99% 99% 99% 99% 99             | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 90% 92% 94% 94% 97% 98% 98% 98% 98% 98% 98% 98%                       | 30% 64% 80% 89% 91% 92% 91% 95% 94% 95% 94% 99% 100% 99% 99% 100% 99% 68% 67% 73%             | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88% 90% 90% 90% 94% 94% 94% 94% 94% 93% 83%      | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>45%<br>45%<br>45%<br>45%<br>39%<br>72%<br>81%<br>88%<br>90%<br>88%<br>100%                                     | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 99% 97% 96% 86% 82% 83% 79% 66% 62% 67%           | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99% 91% 91% 92% 95% 95% 95% 95% 100% 100%                  | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 91% 100% 96% 96% 87% 77% 68%                     | 0% 13% 27% 47% 49% 55% 65% 66% 66% 67% 68% 77% 78% 91% 100% 96% 96% 87% 76% 86% 87% 68% 69%         | 0% 23% 44% 50% 60% 61% 71% 71% 92% 94% 95% 96% 97% 97% 97% 97% 96% 96% 99% 98% 100% 92% 83% 69%     |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250    | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  45%  45%  45%  86%  82%  88%  77%  55%  55%  52%  67%  53% | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 93% 95% 98% 99% 99% 99% 99% 98% 99% 99% 98% 99% 98% 99% 98% 98 | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 90% 92% 94% 94% 97% 98% 98% 98% 98% 98% 98% 98% 98% 98%               | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100% 99% 99% 40% 85% 68% 67% 73% 61%          | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 88% 99% 99% 90% 90% 94% 94% 100% 99% 93% 83% 66%     | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>42%<br>45%<br>41%<br>41%<br>37%<br>45%<br>45%<br>39%<br>72%<br>81%<br>88%<br>90%<br>88%<br>100%<br>55%<br>52%<br>96%<br>154% | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 99% 97% 96% 86% 86% 82% 83% 79% 66% 62% 67% 53%   | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 99% 91% 91% 92% 92% 92% 95% 95% 95% 95% 98% 100% 100%      | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 100% 96% 96% 87% 76% 87% 53%                     | 0% 13% 27% 47% 49% 55% 65% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96% 87% 77% 68% 68% 69% 53%        | 0% 23% 44% 50% 60% 61% 71% 71% 92% 94% 95% 96% 97% 97% 97% 97% 98% 98% 100% 92% 83% 69% 66%         |
| 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 125 150 175 200 250 300  | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  45%  45%  45%  55%  67%  53%  19%                          | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 95% 95% 98% 99% 99% 99% 99% 99% 99% 99% 99% 99                 | 14% 38% 56% 62% 71% 866% 87% 89% 90% 90% 90% 92% 94% 94% 97% 98% 98% 98% 98% 98% 98% 98% 100% 95% 93% 91% 77% | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100% 99% 99% 100% 99% 66% 66% 67% 73% 61% 50% | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 88% 89% 90% 90% 90% 94% 94% 100% 99% 93% 83% 66% 66% | 0% 0% 8% 18% 34% 41% 42% 45% 41% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45  | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 99% 97% 96% 86% 86% 86% 82% 66% 67% 53% 56%       | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 90% 91% 91% 92% 92% 95% 95% 95% 95% 95% 95% 95% 95% 95% 95 | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96% 87% 77% 68% 69% 53% 19%        | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96% 87% 77% 68% 68% 69% 53% 19%    | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97% 97% 97% 97% 97% 96% 98% 98% 100% 92% 83% 69% 66% 60% |
| 15<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>250<br>300<br>350 | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  41%  45%  45%  45%  45                                     | E. gra.  14% 38% 56% 62% 71% 85% 89% 90% 91% 91% 93% 95% 98% 99% 99% 99% 99% 99% 98% 99% 99% 99                     | 14% 38% 56% 62% 71% 86% 87% 89% 90% 90% 90% 90% 92% 94% 94% 97% 98% 98% 98% 98% 98% 100% 95% 93% 91% 77%      | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100% 99% 99% 40% 85% 68% 67% 73% 61% 50% 39%  | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 87% 88% 89% 90% 90% 94% 100% 99% 93% 83% 66% 66% 66% | 0% 0% 8% 18% 34% 41% 42% 45% 41% 45% 45% 45% 45% 88% 90% 88% 100% 55% 52% 96% 154% 177% 152%   | 27% 57% 78% 92% 93% 92% 936% 93% 99% 100% 100% 100% 109% 97% 96% 86% 82% 83% 79% 66% 67% 53% 56% 57% | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 89% 99% 91% 91% 92% 95% 95% 95% 95% 95% 95% 95% 95% 95% 95 | 0% 13% 27% 47% 49% 55% 66% 66% 66% 77% 68% 78% 91% 100% 100% 96% 96% 87% 77% 68% 68% 69% 53% 19% 2% | 0% 13% 27% 47% 49% 55% 66% 66% 66% 77% 78% 78% 91% 100% 100% 96% 96% 87% 77% 68% 68% 69% 53% 19% 2% | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97% 97% 97% 97% 96% 98% 100% 92% 83% 69% 66% 60% 34%     |
| 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 125 150 175 200 250 300  | Min All  0%  0%  8%  18%  34%  41%  42%  45%  41%  45%  45%  45%  45%  55%  67%  53%  19%                          | E. gra.  14% 38% 56% 62% 71% 85% 87% 89% 90% 91% 91% 95% 95% 98% 99% 99% 99% 99% 99% 99% 99% 99% 99                 | 14% 38% 56% 62% 71% 866% 87% 89% 90% 90% 90% 92% 94% 94% 97% 98% 98% 98% 98% 98% 98% 98% 100% 95% 93% 91% 77% | 30% 64% 80% 89% 91% 92% 91% 95% 94% 97% 98% 99% 100% 99% 99% 100% 99% 66% 66% 67% 73% 61% 50% | 0% 23% 43% 49% 60% 62% 70% 71% 83% 84% 86% 88% 89% 90% 90% 90% 94% 94% 100% 99% 93% 83% 66% 66% | 0%<br>0%<br>8%<br>18%<br>34%<br>41%<br>42%<br>45%<br>41%<br>45%<br>45%<br>45%<br>45%<br>39%<br>72%<br>81%<br>88%<br>90%<br>88%<br>100%<br>55%<br>52%<br>96%<br>154%        | 27% 57% 78% 92% 93% 92% 96% 93% 99% 100% 100% 100% 99% 97% 96% 86% 86% 86% 82% 66% 67% 53% 56%       | 0% 23% 41% 46% 57% 58% 68% 70% 72% 86% 88% 89% 90% 91% 91% 92% 92% 95% 95% 95% 95% 95% 95% 95% 95% 95% 95 | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96% 87% 77% 68% 69% 53% 19%        | 0% 13% 27% 47% 49% 55% 66% 66% 67% 68% 77% 78% 91% 100% 100% 96% 96% 87% 77% 68% 68% 69% 53% 19%    | 0% 23% 44% 50% 60% 61% 71% 92% 94% 95% 96% 97% 97% 97% 97% 97% 96% 98% 98% 100% 92% 83% 69% 66% 60% |

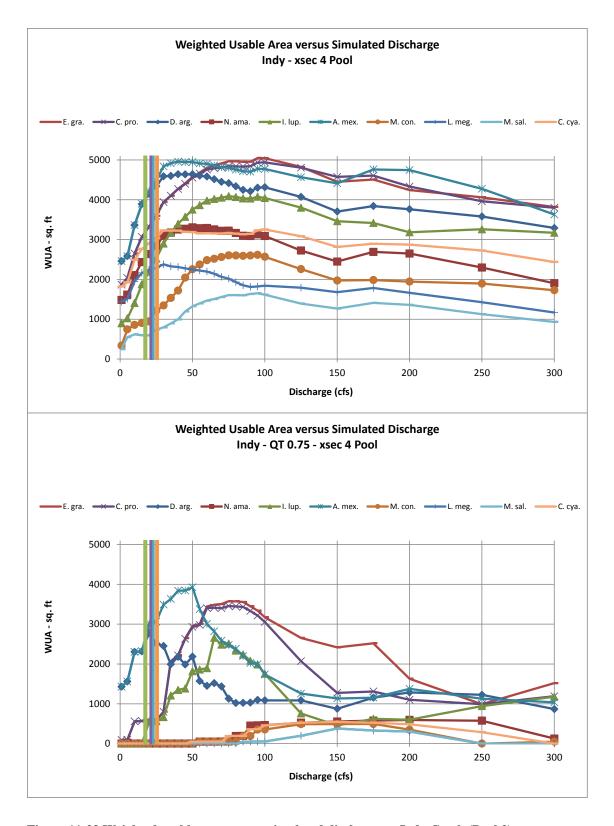


Figure 11-23 Weighted usable area versus simulated discharge at Indy Creek (Pool 2).

Table 11-23 Percent of maximum WUA versus simulated discharge at Indy Creek (Pool 2).

| Indy v  | sec 4 Pool   |   |  |  |  |   |  |  |  |  |  |
|---|--|---|--|--|--|---|--|--|--|--|--|
| Q   | Min All  | E. gra.   | C. pro.  | D. arg.  | N. ama.  | I. lup.   | A. mex.  | M. con.  | L. meg.  | M. sal.  | C. cya.  |
| 1   | 13%  | 37%   | 38%  | 53%  | 45%  | 22%   | 50%  | 13%  | 61%  | 15%  | 56%  |
| 5   | 25%  | 40%   | 41%  | 56%  | 49%  | 25%   | 52%  | 28%  | 64%  | 33%  | 59%  |
| 10  | 33%  | 53%   | 54%  | 72%  | 64%  | 34%   | 68%  | 33%  | 82%  | 38%  | 76%  |
| 15  | 35%  | 61%   | 62%  | 84%  | 74%  | 46%   | 79%  | 35%  | 91%  | 36%  | 85%  |
| 20  | 36%  | 66%   | 67%  | 89%  | 80%  | 54%   | 85%  | 36%  | 94%  | 36%  | 89%  |
|   |  |   |  |  |  |   |  |  |  |  |  |
| 25  | 45%  | 71%   | 73%  | 94%  | 86%  | 62%   | 90%  | 46%  | 96%  | 45%  | 93%  |
| 30  | 48%  | 78%   | 80%  | 99%  | 94%  | 71%   | 98%  | 51%  | 100%   | 48%  | 99%  |
| 35  | 54%  | 81%   | 83%  | 99%  | 96%  | 77%   | 99%  | 59%  | 98%  | 54%  | 99%  |
| 40  | 60%  | 85%   | 86%  | 100%   | 98%  | 83%   | 100%   | 66%  | 97%  | 60%  | 99%  |
| 45  | 72%  | 87%   | 89%  | 100%   | 99%  | 87%   | 100%   | 78%  | 96%  | 72%  | 98%  |
| 50  | 80%  | 91%   | 92%  | 100%   | 100%   | 92%   | 100%   | 86%  | 95%  | 80%  | 98%  |
| 55  | 85%  | 93%   | 94%  | 99%  | 99%  | 95%   | 99%  | 91%  | 93%  | 85%  | 97%  |
| 60  | 89%  | 95%   | 96%  | 99%  | 99%  | 97%   | 99%  | 95%  | 92%  | 89%  | 97%  |
| 65  | 90%  | 96%   | 97%  | 97%  | 98%  | 98%   | 98%  | 96%  | 90%  | 91%  | 97%  |
| 70  | 87%  | 97%   | 97%  | 96%  | 97%  | 99%   | 97%  | 98%  | 87%  | 94%  | 97%  |
| 75  | 85%  | 98%   | 98%  | 95%  | 97%  | 100%  | 97%  | 100%   | 85%  | 97%  | 97%  |
| 80  | 81%  | 98%   | 98%  | 93%  | 96%  | 100%  | 96%  | 99%  | 81%  | 97%  | 97%  |
| 85  | 78%  | 98%   | 98%  | 92%  | 94%  | 99%   | 95%  | 99%  | 78%  | 97%  | 96%  |
| 90  | 76%  | 98%   | 98%  | 91%  | 93%  | 99%   | 95%  | 99%  | 76%  | 99%  | 97%  |
| 95  | 77%  | 100%  | 100%   | 93%  | 95%  | 100%  | 96%  | 100%   | 77%  | 100%   | 99%  |
| 100   | 77%  | 100%  | 100%   | 93%  | 93%  | 99%   | 96%  | 98%  | 77%  | 98%  | 100%   |
| 125   | 75%  | 96%   | 97%  | 88%  | 82%  | 93%   | 92%  | 86%  | 75%  | 84%  | 95%  |
| 150   | 71%  | 88%   | 93%  | 80%  | 74%  | 85%   | 89%  | 75%  | 71%  | 77%  | 87%  |
| 175   | 75%  | 89%   | 93%  | 83%  | 81%  | 84%   | 96%  | 76%  | 75%  | 85%  | 89%  |
| 200   | 70%  | 84%   | 88%  | 81%  | 80%  | 78%   | 96%  | 74%  | 70%  | 82%  | 88%  |
| 250   | 60%  | 80%   | 80%  | 77%  | 69%  | 80%   | 86%  | 72%  | 60%  | 68%  | 84%  |
| 300   | 49%  | 76%   | 77%  | 71%  | 58%  | 78%   | 73%  | 66%  | 49%  | 57%  | 75%  |
| 350   | 36%  | 71%   | 74%  | 61%  | 50%  | 72%   | 69%  | 55%  | 36%  | 47%  | 66%  |
| 400   | 33%  | 63%   | 71%  | 53%  | 39%  | 67%   | 64%  | 45%  | 33%  | 34%  | 55%  |
| Indu O  | T0.75 year   | 4 Dool  |  |  | 26%  |   | 60%  | 25%  |  |  |  |
| Q   | T 0.75 - xsec<br>Min All   | E. gra.   | C. pro.  | D. arg.  | N. ama.  | I. lup.   | A. mex.  | M. con.  | L. meg.  | M. sal.  | C. cya.  |
| Q<br>1  | Min All<br>0%  | E. gra.<br>3%   | 3%   | 51%  | N. ama.<br>0%  | 0%  | A. mex.<br>36%   | M. con.<br>0%  | 0%   | 0%   | 0%   |
| Q<br>1<br>5   | Min All<br>0%<br>0%  | E. gra.<br>3%<br>3%   | 3%<br>3%   | 51%<br>56%   | N. ama.<br>0%<br>0%  | 0%<br>0%  | A. mex.<br>36%<br>40%  | M. con.<br>0%<br>0%  | 0%<br>0%   | 0%<br>0%   | 0%<br>0%   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>0%  | E. gra.<br>3%<br>3%<br>16%  | 3%<br>3%<br>16%  | 51%<br>56%<br>83%  | N. ama.<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%  | A. mex.<br>36%<br>40%<br>59%   | M. con.<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%   | 0%<br>0%<br>0%   | 0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>0%<br>0%  | E. gra.<br>3%<br>3%<br>16%<br>16%   | 3%<br>3%<br>16%<br>16%   | 51%<br>56%<br>83%<br>83%   | N. ama.<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%  | A. mex.<br>36%<br>40%<br>59%<br>59%  | M. con.<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20   | Min All 0% 0% 0% 0% 0% 0%  | E. gra.<br>3%<br>3%<br>16%<br>16%   | 3%<br>3%<br>16%<br>16%<br>17%  | 51%<br>56%<br>83%<br>83%<br>100%   | N. ama.<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>21%   | A. mex.<br>36%<br>40%<br>59%<br>59%<br>77%   | M. con.<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25   | Min All 0% 0% 0% 0% 0% 0% 0%   | E. gra.  3%  3%  16%  16%  16%  16%   | 3%<br>3%<br>16%<br>16%<br>17%  | 51%<br>56%<br>83%<br>83%<br>100%<br>90%  | N. ama.<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>21%   | A. mex.<br>36%<br>40%<br>59%<br>59%<br>77%<br>78%  | M. con.<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  | E. gra.  3%  3%  16%  16%  16%  22%   | 3%<br>3%<br>16%<br>16%<br>17%<br>17%   | 51%<br>56%<br>83%<br>83%<br>100%<br>90%  | N. ama.<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>21%<br>21%  | A. mex.<br>36%<br>40%<br>59%<br>59%<br>77%<br>78%<br>89%   | M. con. 0% 0% 0% 0% 0% 0% 0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%                                     | 0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%   | 51%<br>56%<br>83%<br>83%<br>100%<br>90%<br>88%<br>72%  | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%  | A. mex. 36% 40% 59% 59% 77% 78% 89% 93%  | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                               | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%   | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%  | 51%<br>56%<br>83%<br>83%<br>100%<br>90%<br>88%<br>72%<br>78%   | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%   | A. mex.<br>36%<br>40%<br>59%<br>77%<br>78%<br>89%<br>93%<br>98%  | M. con. 0% 0% 0% 0% 0% 0% 0% 0% 0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                               | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%  | 51%<br>56%<br>83%<br>83%<br>100%<br>90%<br>88%<br>72%<br>78%   | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%  | A. mex.<br>36%<br>40%<br>59%<br>59%<br>77%<br>78%<br>89%<br>93%<br>98%<br>98%                                    | M. con. 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                         | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%   | 3%<br>3%<br>16%<br>16%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%   | 51%<br>56%<br>83%<br>83%<br>100%<br>90%<br>88%<br>72%<br>78%<br>71%                                  | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%   | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100%   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  22%  58%  62%  74%  83%  84%   | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%   | 51%<br>56%<br>83%<br>83%<br>100%<br>90%<br>88%<br>72%<br>78%<br>71%<br>79%<br>57%                    | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%  | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86%   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%   | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%  | 51%<br>56%<br>83%<br>83%<br>100%<br>90%<br>88%<br>72%<br>78%<br>71%<br>79%<br>57%<br>52%             | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%   | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77%   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  10%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%       | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%  | 51%<br>56%<br>83%<br>83%<br>100%<br>90%<br>88%<br>72%<br>71%<br>79%<br>57%<br>52%<br>55%             | N. ama.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%   | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 72%   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%       | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%   | 51% 56% 83% 83% 100% 90% 88% 72% 71% 79% 55% 52%   | N. ama.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 9% 9% 9%   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%  | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 72% 66%   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0% | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                                   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  100%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%   | 51% 56% 83% 83% 100% 90% 88% 72% 71% 79% 55% 52% 41%   | N. ama.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 9% 9% 9% 9%   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%   | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 72% 66% 63%   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%  10%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                                   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  100%  100%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%<br>98%<br>100%  | 51% 56% 83% 83% 100% 90% 88% 72% 71% 79% 55% 52% 41% 37%   | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%  | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 72% 66% 63% 61%   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                                   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>9%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  100%  100%  99%   | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%<br>100%<br>100%   | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37%                                     | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%   | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 98% 100% 86% 77% 66% 63% 61% 56%                                     | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%  10%  10%  10%  10%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>34%<br>35%   |
| Q<br>1<br>5<br>10<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90   | Min All  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%                                | E. gra.  3% 3% 16% 16% 16% 22% 58% 62% 74% 83% 84% 96% 98% 100% 100% 99% 96%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%<br>98%<br>100%<br>100%<br>99%                               | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 55% 55% 52% 41% 37% 37%                                     | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  9%  9   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>78%  | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 98% 100% 86% 77% 66% 663% 61% 56% 52%                                | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%  10%  10%  38%  39%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%                      | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>34%<br>35%<br>35%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95   | Min All  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%                                | E. gra.  3% 3% 16% 16% 16% 22% 58% 62% 74% 83% 84% 96% 98% 100% 100% 99% 96% 93%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%<br>99%<br>98%   | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37% 37% 39%                             | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%   | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 663% 61% 56% 52% 51%                                    | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%  10%  10%  10%  10%  10%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0                        | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>34%<br>35%<br>65%<br>66%   |
| Q<br>1<br>5<br>10<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100                                    | Min All  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%                                | E. gra.  3% 3% 16% 16% 16% 22% 58% 62% 74% 83% 84% 96% 98% 100% 100% 99% 96% 93% 89%  | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%<br>100%<br>100%<br>99%<br>96%<br>93%<br>88%                 | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37% 37% 39% 39%                         | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%<br>66%  | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 66% 663% 611% 56% 52% 511%                              | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%  10%  10%  17%  17  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>13%<br>14%        | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>94<br>95<br>35%<br>65%<br>66%                                      |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                                   | Min All  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%                                | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  100%  100%  99%  99%  93%  89%  74%                     | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%<br>100%<br>100%<br>99%<br>93%<br>88%<br>60%                 | 51% 56% 83% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37% 39% 39% 39%                     | N. ama.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 9% 33% 33% 78% 79% 80% 91%                                   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%<br>66%<br>28%   | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 66% 63% 61% 56% 52% 51% 44% 32%                         | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10% | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>14%        | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>94<br>95<br>35%<br>66%<br>84%                                      |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150                            | Min All  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%                                | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  100%  100%  99%  96%  93%  89%  74%  68%                | 3%<br>3%<br>16%<br>16%<br>17%<br>17%<br>23%<br>60%<br>64%<br>76%<br>85%<br>86%<br>98%<br>99%<br>98%<br>100%<br>100%<br>996%<br>933%<br>88%<br>60%<br>37% | 51% 56% 83% 83% 83% 100% 90% 88% 71% 79% 55% 52% 41% 37% 37% 39% 39% 31%                             | N. ama.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 8% 9% 9% 9% 9% 98 91% 98 99% 99% 99% 99% 99% 99% 99% 99% 99% | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%<br>66%<br>28%<br>17%                             | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 66% 63% 61% 56% 52% 51% 44% 32% 29%                     | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10% | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>14%<br>14% | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>34%<br>35%<br>65%<br>66%<br>84%                              |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175                     | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  98%  100%  100%  99%  96%  93%  89%  74%  68%  70%      | 3% 3% 16% 16% 17% 17% 23% 60% 644% 76% 85% 86% 98% 100% 99% 98% 100% 37% 38%   | 51% 56% 83% 83% 100% 90% 88% 72% 78% 57% 52% 55% 52% 41% 37% 37% 39% 39% 31% 41%                     | N. ama.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 8% 9% 9% 9% 9% 91% 98% 91% 96% 100%                          | 0%<br>0%<br>0%<br>0%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%<br>66%<br>28%<br>17%<br>23%                             | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 100% 86% 77% 66% 63% 61% 55% 51% 44% 32% 29% 29%                     | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>34%<br>35%<br>35%<br>66%<br>84%<br>96%                             |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200              | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  98%  100%  100%  99%  96%  93%  89%  74%  68%  70%  46% | 3% 3% 16% 16% 17% 17% 23% 60% 64% 76% 85% 86% 98% 100% 99% 98% 100% 37% 38% 32%  | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37% 37% 39% 39% 31% 41% 46%             | N. ama.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 9% 9% 933% 33% 78% 79% 80% 91% 96% 100%                         | 0%<br>0%<br>0%<br>0%<br>21%<br>25%<br>45%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%<br>66%<br>28%<br>17%<br>23%                                    | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 98% 100% 86% 77% 72% 66% 63% 61% 56% 52% 51% 44% 32% 29% 35%         | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  10%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>34%<br>35%<br>66%<br>84%<br>96%<br>100%                      |
| Q<br>1<br>5<br>10<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250       | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%                                    | E. gra.  3%  3%  16%  16%  16%  22%  58%  62%  74%  83%  84%  96%  98%  100%  99%  96%  93%  89%  74%  68%  70%  46%  28%       | 3% 3% 16% 16% 17% 17% 23% 60% 64% 76% 85% 86% 98% 100% 100% 99% 98% 100% 37% 38% 32% 29%   | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37% 37% 39% 39% 39% 41% 46% 44%         | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>78%<br>666%<br>28%<br>17%<br>23%<br>23%<br>35%              | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 98% 100% 86% 77% 72% 66% 63% 61% 56% 52% 51% 44% 32% 29% 29% 35% 29% | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  10%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>34%<br>35%<br>66%<br>84%<br>96%<br>100%<br>96%<br>89%        |
| Q<br>1<br>5<br>10<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300      | Min All  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 14% 28% 17% 23% 23% 0% 0% | E. gra.  3% 3% 16% 16% 16% 16% 22% 58% 62% 74% 83% 84% 96% 98% 100% 100% 99% 96% 93% 89% 74% 68% 70% 46% 28% 42%                | 3% 3% 16% 16% 17% 17% 23% 60% 64% 76% 85% 86% 98% 100% 100% 99% 96% 93% 88% 60% 37% 38% 32% 29% 34%  | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37% 39% 39% 39% 31% 44% 46% 44% 31%     | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%<br>66%<br>28%<br>17%<br>23%<br>23%<br>35%<br>44% | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 98% 100% 86% 77% 72% 66% 63% 61% 56% 52% 51% 44% 32% 29% 29% 29% 26% | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>94<br>34%<br>35%<br>35%<br>66%<br>84%<br>96%<br>100%<br>96%<br>89% |
| Q<br>1<br>5<br>10<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>250<br>300<br>350 | Min All  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%                                | E. gra.  3% 3% 16% 16% 16% 22% 58% 62% 74% 83% 84% 96% 98% 98% 100% 100% 99% 96% 93% 89% 74% 68% 70% 46% 28% 42% 34%            | 3% 3% 16% 16% 17% 17% 23% 60% 64% 76% 85% 86% 98% 99% 100% 100% 99% 96% 93% 88% 60% 37% 38% 32% 29% 34% 33%  | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37% 39% 39% 39% 31% 41% 46% 44% 31% 13% | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>45%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%<br>66%<br>28%<br>17%<br>23%<br>23%<br>35%                      | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 98% 100% 86% 77% 663% 61% 56% 52% 51% 44% 32% 29% 29% 26% 14%        | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%  38%  39%  71%  72%  99%  100%  71%  0%  10%  0%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 9% 9% 9% 9% 34% 35% 35% 66% 84% 96% 100% 96% 89% 53% 0%   |
| Q<br>1<br>5<br>10<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300      | Min All  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 14% 28% 17% 23% 23% 0% 0% | E. gra.  3% 3% 16% 16% 16% 16% 22% 58% 62% 74% 83% 84% 96% 98% 100% 100% 99% 96% 93% 89% 74% 68% 70% 46% 28% 42%                | 3% 3% 16% 16% 17% 17% 23% 60% 64% 76% 85% 86% 98% 100% 100% 99% 96% 93% 88% 60% 37% 38% 32% 29% 34%  | 51% 56% 83% 83% 100% 90% 88% 72% 78% 71% 79% 55% 52% 41% 37% 37% 39% 39% 39% 31% 44% 46% 44% 31%     | N. ama.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0   | 0%<br>0%<br>0%<br>0%<br>21%<br>21%<br>25%<br>45%<br>51%<br>52%<br>68%<br>70%<br>71%<br>100%<br>93%<br>94%<br>88%<br>84%<br>75%<br>66%<br>28%<br>17%<br>23%<br>23%<br>35%<br>44% | A. mex. 36% 40% 59% 59% 77% 78% 89% 93% 98% 98% 100% 86% 77% 72% 66% 63% 61% 56% 52% 51% 44% 32% 29% 29% 29% 26% | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  10%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0                             | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>9%<br>9%<br>9%<br>9%<br>94<br>34%<br>35%<br>35%<br>66%<br>84%<br>96%<br>100%<br>96%<br>89% |

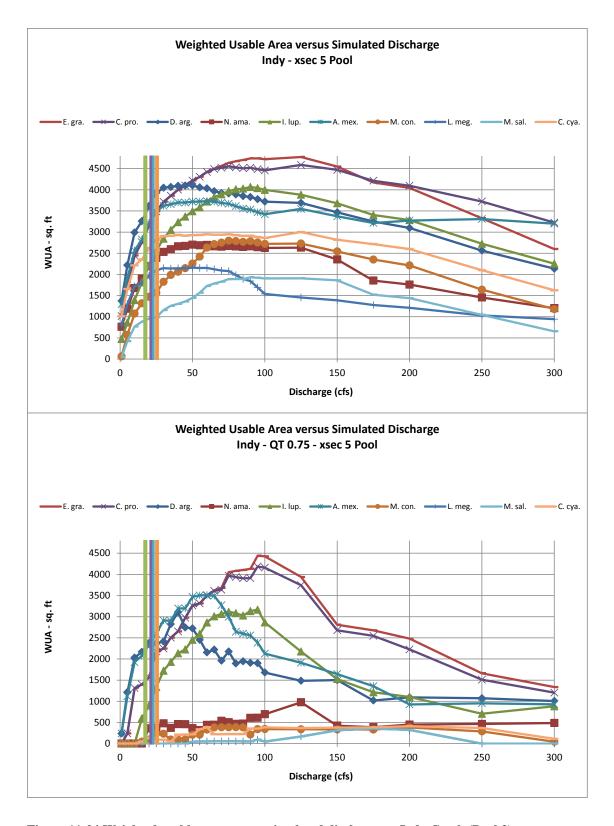


Figure 11-24 Weighted usable area versus simulated discharge at Indy Creek (Pool 3).

Table 11-24 Percent of maximum WUA versus simulated discharge at Indy Creek (Pool 3).

| Q   Min All   E.gr.   C.pro.   D. Jarg.   N. Jamp.   H. Jup.   A. mex.   M. Con.   L. mog.   M. sal.   C.cya.   34   | Indy - x   | sec 5 Pool  |  |   |   |  |  |   |   |   |   |  |
|--|--|---|--|---|---|--|--|---|---|---|---|--|
| \$ 20% 36% 38% 58% 64% 44% 21% 51% 20% 66% 66% 67% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 72% 38% 38% 46% 38% 46% 72% 38% 38% 38% 38% 46% 72% 38% 38% 38% 38% 38% 46% 38% 38% 38% 38% 38% 38% 38% 38% 38% 38  | Q  | Min All   | E. gra.  | C. pro.   | D. arg.   | N. ama.  | I. lup.  | A. mex.   | M. con.   | L. meg.   | M. sal.   | C. cya.  |
| 10 34% 51% 53% 73% 62% 34% 69% 38% 80% 40% 78% 78% 15 45% 58% 60% 78% 70% 45% 76% 45% 76% 47% 43% 49% 66% 69% 88% 81% 54% 86% 53% 93% 99% 99% 94% 70% 53% 55% 99% 60% 99% 35% 56% 81% 81% 54% 86% 53% 93% 56% 99% 60% 99% 40% 70% 51% 99% 50% 99% 60% 99% 80% 70% 51% 99% 60% 99% 80% 70% 51% 99% 60% 99% 80% 70% 51% 99% 60% 99% 80% 70% 51% 99% 60% 99% 80% 70% 51% 99% 60% 99% 80% 70% 51% 99% 60% 99% 80% 70% 51% 99% 60% 99% 80% 70% 51% 99% 60% 99% 90% 70% 51% 99% 70% 99% 70% 50 75% 88% 99% 100% 99% 88% 100% 85% 100% 95% 95% 95% 95% 95% 95% 95% 95% 95% 95  | 1  | 2%  | 21%  | 22%   | 33%   | 28%  | 12%  | 35%   | 2%  | 37%   | 2%  | 34%  |
| 15   | 5  | 20%   | 36%  | 38%   | 54%   | 44%  | 21%  | 51%   | 20%   | 60%   | 22%   | 55%  |
| 20   | 10   | 34%   | 51%  | 53%   | 73%   | 62%  | 34%  | 69%   | 38%   | 80%   | 40%   | 74%  |
| 25   51%   73%   76%   96%   88%   63%   93%   56%   97%   53%   344   348   348   39%   65%   97%   35%   56%   97%   35%   56%   97%   35%   56%   37%   36%   | 15   | 45%   | 58%  | 60%   | 79%   | 70%  | 45%  | 76%   | 47%   | 83%   | 46%   | 78%  |
| 30   GOW   | 20   | 49%   | 66%  | 69%   | 88%   | 81%  | 54%  | 86%   | 53%   | 91%   | 49%   | 87%  |
| 35 65% 81% 84% 84% 19% 99% 99% 75% 98% 72% 99% 65% 99% 44% 99% 65% 99% 44% 99% 65% 99% 44% 99% 65% 99% 75% 99% 75% 99% 75% 99% 75% 99% 75% 99% 75% 99% 75% 99% 88% 100% 99% 99% 99% 100% 91% 100% 81% 100% 100   | 25   | 51%   | 73%  | 76%   | 96%   | 88%  | 63%  | 93%   | 56%   | 97%   | 51%   | 94%  |
| A0   G8N   | 30   | 60%   | 78%  | 81%   | 99%   | 94%  | 70%  | 97%   | 65%   | 99%   | 60%   | 97%  |
| AS   70%   88%   89%   92%   100%   99%   88%   100%   87%   100%   27%   59%   50%   58%   99%   99%   88%   100%   87%   100%   88%   99%   98%   99%   88%   100%   97%   98%   | 35   | 65%   | 81%  | 84%   | 99%   | 96%  | 75%  | 98%   | 71%   | 99%   | 65%   | 97%  |
| 50   75%   88%   92%   100%   100%   86%   100%   81%   100%   75%   98%   55%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100%   89%   100 | 40   | 68%   | 84%  | 87%   | 100%  | 99%  | 80%  | 99%   | 74%   | 99%   | 68%   | 98%  |
| 55 81% 99% 99% 99% 99% 100% 97% 99% 99% 99% 99% 99% 99% 99% 98% 99% 99   | 45   | 70%   | 86%  | 89%   | 100%  | 99%  | 83%  | 99%   | 77%   | 99%   | 70%   | 97%  |
| 66   89%   93%   96%   98%   97%   99%   94%   100%   94%   100%   92%   98%   98%   96% | 50   | 75%   | 88%  | 92%   | 100%  | 100%   | 86%  | 100%  | 81%   | 100%  | 75%   | 98%  |
| Fig.   100%   99 | 55   | 81%   | 90%  | 94%   | 99%   | 99%  | 88%  | 100%  | 87%   | 100%  | 81%   | 98%  |
| 70 95% 95% 99% 99% 99% 98% 99% 99% 99% 99% 99% 98% 98  | 60   | 89%   | 93%  | 96%   | 98%   | 100%   | 92%  | 100%  | 94%   | 100%  | 89%   | 98%  |
| 75 95% 97% 99% 99% 99% 99% 98% 99% 97% 100% 96% 98% 98% 97% 99% 88% 99% 99% 99% 98% 99% 99% 99% 99   | 65   | 92%   | 94%  | 98%   | 97%   | 99%  | 94%  | 100%  | 97%   | 98%   | 92%   | 98%  |
| 80 92% 98% 99% 98% 98% 98% 99% 99% 97% 100% 92% 98% 98% 98% 99% 99% 99% 99% 99% 99% 99   | 70   | 95%   | 96%  | 99%   | 96%   | 98%  | 96%  | 99%   | 98%   | 97%   | 95%   | 98%  |
| 85   | 75   | 95%   | 97%  | 99%   | 95%   | 99%  | 98%  | 98%   | 100%  | 96%   | 98%   | 98%  |
| 95   | 80   | 92%   | 98%  | 99%   | 95%   | 98%  | 99%  | 97%   | 100%  | 92%   | 98%   | 97%  |
| 95   | 85   | 88%   | 99%  | 98%   | 94%   | 98%  | 99%  | 95%   | 99%   | 88%   | 98%   | 97%  |
| 100 71% 100% 100% 90% 97% 91% 95% 95% 95% 95% 95% 99% 100% 150 64% 95% 97% 85% 87% 91% 90% 95% 95% 95% 98% 67% 99% 100% 175 59% 87% 92% 79% 69% 84% 86% 86% 84% 59% 79% 91% 920 56% 85% 89% 76% 65% 81% 88% 79% 56% 74% 87% 250 48% 70% 81% 62% 54% 67% 89% 59% 48% 55% 44% 54% 70% 62% 44% 55% 86% 84% 33% 39% 30% 43% 57% 43% 43% 45% 84% 33% 39% 30% 43% 57% 43% 43% 45% 84% 33% 39% 30% 43% 500 23% 40% 44% 31% 45% 64% 58% 64% 28% 26% 23% 33% 29% 44% 55% 64% 31% 64% 55% 64% 31% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%   | 90   | 85%   | 99%  | 99%   | 93%   | 99%  | 100%   | 95%   | 100%  | 85%   | 100%  | 97%  |
| 125 67% 100% 100% 90% 97% 95% 95% 98% 67% 99% 100% 175 95% 97% 85% 87% 91% 90% 91% 64% 96% 94% 175 95% 87% 92% 79% 669% 84% 86% 86% 86% 86% 59% 79% 91% 67% 87% 85% 87% 92% 76% 65% 81% 88% 79% 56% 74% 87% 30% 34% 54% 70% 52% 44% 55% 86% 42% 44% 33% 39% 30% 43% 55% 43% 43% 43% 45% 86% 42% 44% 33% 39% 30% 43% 55% 44% 51% 43% 42% 45% 79% 32% 33% 29% 44% 51% 43% 42% 45% 66% 28% 26% 23% 33% 1ndy-QT0.75-xsec5 Pool Q Minall Egra, C.pro. D.arg. N.ama, I.lup. A.mex. M.con. L.meg. M.sal. C.cya. 1 0% 0% 0% 5% 6% 39% 0% 0% 77% 0% 0% 0% 0% 0% 100 0% 33% 33% 70% 0% 15% 55% 0% 0% 0% 0% 0% 0% 0% 15 0% 31% 33% 70% 0% 19% 55% 0% 0% 0% 0% 0% 0% 15 0% 31% 33% 70% 0% 19% 55% 0% 0% 0% 0% 0% 0% 15 0% 31% 33% 70% 0% 19% 55% 0% 0% 0% 0% 0% 0% 0% 15 0% 31% 33% 70% 0% 19% 55% 0% 0% 0% 0% 0% 0% 0% 0% 15 0% 31% 35% 76% 37% 28% 67% 24% 0% 0% 0% 0% 0% 12% 120 0% 31% 36% 56% 38% 42% 74% 61% 88% 12% 0% 0% 0% 0% 0% 15 0% 31% 35% 76% 37% 28% 67% 24% 0% 0% 0% 0% 0% 12% 120 0% 31% 36% 56% 38% 42% 74% 61% 88% 12% 0% 0% 0% 0% 0% 0% 0% 15 0% 56% 38% 100 0% 55% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%   | 95   | 78%   | 99%  | 98%   | 92%   | 98%  | 99%  | 93%   | 98%   | 78%   | 99%   | 96%  |
| 150 64% 95% 97% 885% 87% 91% 69% 84% 86% 84% 59% 79% 91% 175 59% 87% 92% 79% 69% 84% 86% 84% 59% 79% 91% 200 56% 85% 85% 89% 76% 65% 81% 88% 79% 56% 74% 87% 250 48% 70% 81% 62% 54% 67% 89% 59% 48% 54% 70% 34% 54% 70% 43% 43% 45% 84% 33% 33% 39% 30% 43% 57% 43% 43% 45% 84% 33% 33% 39% 30% 43% 57% 43% 43% 45% 84% 28% 26% 23% 33% 29% 44% 51% 43% 42% 45% 79% 32% 33% 29% 43% 500 23% 40% 44% 33% 29% 42% 64% 28% 26% 23% 33% 39% 100% 100% 25% 26% 61% 88% 70% 55% 86% 64% 64% 0% 0% 0% 0% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 39% 30% 43% 55% 86% 39% 0% 0% 0% 55% 0% 0% 0% 0% 0% 55% 0% 0% 0% 0% 0% 55% 0% 0% 0% 0% 0% 0% 0% 0% 55% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%   | 100  | 71%   | 99%  | 97%   | 91%   | 97%  | 98%  | 92%   | 97%   | 71%   | 99%   | 95%  |
| 175 59% 87% 92% 79% 69% 84% 86% 84% 59% 79% 51% 71% 87% 220 56% 85% 85% 89% 76% 65% 81% 88% 79% 56% 74% 87% 70% 300 34% 54% 70% 52% 44% 55% 86% 42% 44% 34% 54% 70% 300 34% 54% 57% 43% 43% 42% 45% 33% 39% 30% 43% 57% 43% 42% 45% 79% 32% 33% 29% 44% 51% 44% 33% 29% 42% 64% 28% 26% 23% 33% 29% 44% 51% 64% 28% 26% 23% 33% 29% 44% 51% 64% 28% 26% 23% 33% 29% 44% 51% 64% 28% 26% 23% 33% 29% 44% 51% 64% 28% 26% 23% 33% 29% 44% 51% 64% 28% 26% 23% 33% 29% 44% 51% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 64% 28% 26% 23% 33% 29% 42% 24% 24% 24% 24% 24% 24% 24% 24% 24   | 125  | 67%   | 100%   | 100%  | 90%   | 97%  | 95%  | 95%   | 98%   | 67%   | 99%   | 100%   |
| 200         56%         85%         89%         76%         65%         81%         88%         79%         55%         74%         87%           250         48%         70%         81%         62%         54%         67%         89%         59%         48%         54%         70%           300         34%         54%         70%         52%         44%         55%         86%         42%         44%         34%         34%         43%         43%         43%         43%         43%         42%         45%         84%         33%         39%         30%         43%         43%         42%         45%         79%         32%         33%         29%         44%         500         23%         33%         29%         42%         64%         28%         26%         23%         33%         29%         42%         64%         28%         26%         23%         33%         29%         42%         64%         28%         26%         23%         33%         20%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0% </td <td>150</td> <td>64%</td> <td>95%</td> <td>97%</td> <td>85%</td> <td>87%</td> <td>91%</td> <td>90%</td> <td>91%</td> <td>64%</td> <td>96%</td> <td>94%</td>  | 150  | 64%   | 95%  | 97%   | 85%   | 87%  | 91%  | 90%   | 91%   | 64%   | 96%   | 94%  |
| 250 48% 70% 81% 62% 54% 67% 89% 59% 48% 54% 70% 300 34% 54% 70% 52% 44% 55% 86% 42% 44% 34% 34% 54% 300 34% 54% 70% 52% 44% 55% 86% 42% 44% 33% 39% 30% 43% 400 29% 44% 51% 43% 42% 45% 79% 32% 33% 29% 44% 500 23% 40% 44% 33% 29% 42% 65% 79% 32% 33% 29% 44% 33% 29% 42% 66% 28% 26% 23% 33% 39% 30% 30% 400 29% 34% 60% 0% 55% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  | 175  | 59%   | 87%  | 92%   | 79%   | 69%  | 84%  | 86%   | 84%   | 59%   | 79%   | 91%  |
| 300   34%   54%   70%   52%   44%   55%   86%   42%   44%   34%   34%   350   30%   43%   57%   43%   43%   45%   84%   33%   39%   30%   43%   43%   45%   45%   45%   33%   39%   30%   43%   43%   45%   45%   45%   42%   44%   33%   29%   44%   44%   500   23%   40%   44%   33%   29%   42%   64%   28%   26%   23%   33%   23%   33%   29%   42%   64%   28%   26%   23%   33%   33%  | 200  | 56%   | 85%  | 89%   | 76%   | 65%  | 81%  | 88%   | 79%   | 56%   | 74%   | 87%  |
| 350   30%   43%   57%   43%   43%   43%   45%   84%   33%   39%   30%   43%   400   29%   44%   51%   43%   42%   45%   79%   32%   33%   29%   44%   500   23%   40%   44%   33%   29%   42%   64%   28%   26%   23%   33%   29%   44%   500   23%   40%   44%   33%   29%   42%   64%   28%   26%   23%   33%   29%   44%   500   23%   26%   23%   33%   29%   44%   500   23%   26%   23%   33%   29%   44%   500   28%   26%   23%   33%   29%   44%   500   28%   26%   23%   33%   29%   44%   500   28%   26%   29%   33%   29%   42%   64%   28%   26%   23%   33%   33%   20%   32%   0%   0%   0%   0%   0%   0%   0%   | 250  | 48%   | 70%  | 81%   | 62%   | 54%  | 67%  | 89%   | 59%   | 48%   | 54%   | 70%  |
| 400         29%         44%         51%         43%         42%         45%         79%         32%         33%         29%         44%           500         23%         40%         44%         33%         29%         42%         64%         28%         26%         23%         33%           Indy-QT0.75 · xsec5 Pool         Q         MinAll         E.gra.         C.pro.         D. arg.         N. ama.         I. lup.         A. mex.         M. con.         L. meg.         M. sal.         C. cya.           1         0%  | 300  | 34%   | 54%  | 70%   | 52%   | 44%  | 55%  | 86%   | 42%   | 44%   | 34%   | 54%  |
| Indy   |  |   |  |   |   | 43%  |  |   |   |   |   |  |
| Indy-QT0.75 - xsec 5 Pool   Q   Min All   E.gra.   C.pro.   D.arg.   N.ama.   I.lup.   A.mex.   M.con.   L.meg.   M.sal.   C.cya.  |  |   |  |   | -   |  |  |   |   |   |   |  |
| Q         Min All         E.gra.         C. pro.         D. arg.         N. ama.         I. lup.         A. mex.         M. con.         L. meg.         M. sal.         C. cya.           1         0%  | 500  | 23%   | 40%  | 44%   | 33%   | 29%  | 42%  | 64%   | 28%   | 26%   | 23%   | 33%  |
| Q         Min All         E.gra.         C. pro.         D. arg.         N. ama.         I. lup.         A. mex.         M. con.         L. meg.         M. sal.         C. cya.           1         0%  |  |   |  |   |   |  |  |   |   |   |   |  |
| 1         0%         0%         0%         0%         7%         0%         12%         0         0% </td <td>In du C</td> <td>TO 75</td> <td>r Dool</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  | In du C  | TO 75   | r Dool   |   |   |  |  |   |   |   |   |  |
| 5         0%         5%         6%         39%         0%         0%         32%         0%         12%         22%         0%         0%         0%         36%         25         0%         49%         52%         76%         38%         42%         74%         61%         0%         0%         24%         30         0%         55%         60%         91%         38%         61%         83%         60%         0%         0%         24%         0%         0%         0%         24%         40         0%         0%         55%         0%         0%         12%         44%         0%         0%         55%         44%         40         0%         0%         55%         12%  |  |   |  | Cnro  | Darg  | Nama   | Llup   | A may   | M.con   | l mog   | M sal   | Cova   |
| 10         0%         30%         31%         65%         0%         0%         55%         0%         0%         0%         0%         15         0%         0%         0%         12%         0%         0%         0%         12%         20         0%         31%         33%         70%         0%         12%         0%         0%         0%         12%         20         0%         35%         38%         76%         37%         28%         67%         24%         0%         0%         0%         36%         22%         76%         38%         42%         74%         61%         0%         0%         24%         35         0%         56%         60%         91%         38%         61%         83%         25%         0%         0%         0%         12%         44         0%         0%         0%         12%         44         0%         0%         0%         55%         54%         40         0%         0%         55%         54%         40         0%         0%         55%         54%         13%         13%         13%         13%         13%         13%         13%         12%         40%         0%         0%   | <u>Q</u>   | Min All   | E. gra.  |   |   |  |  |   |   |   |   |  |
| 15         0%         31%         33%         70%         0%         19%         59%         12%         0%         0%         12%           20         0%         35%         38%         76%         37%         28%         67%         24%         0%         0%         36%           25         0%         49%         52%         76%         38%         42%         74%         61%         0%         0%         24%           30         0%         51%         54%         78%         49%         54%         83%         60%         0%         0%         24%           30         0%         56%         60%         91%         38%         61%         83%         25%         0%         0%         12%           40         0%         60%         63%         100%         47%         67%         91%         24%         0%         0%         55%         44%           40         0%         60%         63%         100%         47%         70%         91%         24%         0%         0%         55%         54%         45%         91%         24%         0%         0%         55%         14% <td>Q<br/>1</td> <td>Min All<br/>0%</td> <td>E. gra.<br/>0%</td> <td>0%</td> <td>8%</td> <td>0%</td> <td>0%</td> <td>7%</td> <td>0%</td> <td>0%</td> <td>0%</td> <td>0%</td>  | Q<br>1   | Min All<br>0%   | E. gra.<br>0%  | 0%  | 8%  | 0%   | 0%   | 7%  | 0%  | 0%  | 0%  | 0%   |
| 20         0%         35%         38%         76%         37%         28%         67%         24%         0%         0%         36%           25         0%         49%         52%         76%         38%         42%         74%         61%         0%         0%         24%           30         0%         51%         54%         78%         49%         54%         83%         60%         0%         0%         24%           35         0%         56%         60%         91%         38%         61%         83%         25%         0%         0%         12%           40         0%         60%         63%         100%         47%         67%         91%         24%         0%         0%         54%           45         0%         67%         71%         88%         47%         70%         91%         24%         0%         0%         55%           50         13%         73%         78%         88%         37%         77%         99%         54%         13%         13%         15%           50         13%         73%         78%         88%         100%         55%         14%  | Q<br>1<br>5  | Min All<br>0%<br>0%   | E. gra.<br>0%<br>5%  | 0%<br>6%  | 8%<br>39%   | 0%<br>0%   | 0%<br>0%   | 7%<br>32%   | 0%<br>0%  | 0%<br>0%  | 0%<br>0%  | 0%<br>0%   |
| 25         0%         49%         52%         76%         38%         42%         74%         61%         0%         0%         24%           30         0%         51%         54%         78%         49%         54%         83%         60%         0%         0%         24%           35         0%         56%         60%         91%         38%         61%         83%         25%         0%         0%         12%           40         0%         60%         63%         100%         47%         67%         91%         24%         0%         0%         54%           45         0%         67%         71%         88%         47%         70%         91%         24%         0%         0%         55%           50         13%         73%         78%         88%         37%         77%         99%         54%         13%         13%         13%         56%           55         14%         75%         79%         79%         33%         82%         100%         55%         14%         14%         88%           60         15%         79%         84%         69%         45%   | Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>0%   | E. gra.<br>0%<br>5%<br>30%   | 0%<br>6%<br>31%   | 8%<br>39%<br>65%  | 0%<br>0%<br>0%   | 0%<br>0%<br>0%   | 7%<br>32%<br>55%  | 0%<br>0%<br>0%  | 0%<br>0%<br>0%  | 0%<br>0%<br>0%  | 0%<br>0%<br>0%   |
| 30         0%         51%         54%         78%         49%         54%         83%         60%         0%         0%         24%           35         0%         56%         60%         91%         38%         61%         83%         25%         0%         0%         0%         12%           40         0%         60%         63%         100%         47%         67%         91%         24%         0%         0%         55%           50         13%         73%         78%         88%         37%         77%         99%         54%         13%         13%         56%           55         14%         75%         79%         79%         33%         82%         100%         55%         14%         14%         88%           60         15%         79%         84%         69%         45%         90%         100%         86%         15%         15%         100%           65         15%         82%         86%         71%         46%         95%         100%         99%         15%         15%         58%           70         15%         83%         87%         63%         55%   | Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>0%<br>0%   | E. gra.<br>0%<br>5%<br>30%<br>31%  | 0%<br>6%<br>31%<br>33%  | 8%<br>39%<br>65%<br>70%   | 0%<br>0%<br>0%<br>0%   | 0%<br>0%<br>0%<br>19%  | 7%<br>32%<br>55%<br>59%   | 0%<br>0%<br>0%<br>12%   | 0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>12%  |
| 35         0%         56%         60%         91%         38%         61%         83%         25%         0%         0%         12%           40         0%         60%         63%         100%         47%         67%         91%         24%         0%         0%         54%           45         0%         67%         71%         88%         47%         70%         91%         24%         0%         0%         55%           50         13%         73%         78%         88%         37%         77%         99%         13%         13%         13%         13%         56%           55         14%         75%         79%         79%         33%         82%         100%         55%         14%         14%         88%           60         15%         79%         84%         69%         45%         90%         100%         86%         15%         15%         100%           65         15%         82%         86%         71%         46%         95%         100%         99%         15%         15%         58%           70         15%         83%         87%         63%         55%  | Q<br>1<br>5<br>10<br>15<br>20  | Min All 0% 0% 0% 0% 0%  | E. gra.<br>0%<br>5%<br>30%<br>31%<br>35%   | 0%<br>6%<br>31%<br>33%<br>38%   | 8%<br>39%<br>65%<br>70%   | 0%<br>0%<br>0%<br>0%<br>37%  | 0%<br>0%<br>0%<br>19%<br>28%   | 7%<br>32%<br>55%<br>59%<br>67%  | 0%<br>0%<br>0%<br>12%<br>24%  | 0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>12%<br>36%   |
| 40         0%         60%         63%         100%         47%         67%         91%         24%         0%         0%         54%           45         0%         67%         71%         88%         47%         70%         91%         24%         0%         0%         55%           50         13%         73%         78%         88%         37%         77%         99%         54%         13%         13%         56%           55         14%         75%         79%         79%         33%         82%         100%         55%         14%         14%         88%           60         15%         79%         84%         69%         45%         90%         100%         86%         15%         15%         100%           65         15%         82%         86%         71%         46%         95%         100%         99%         15%         15%         58%           70         15%         83%         87%         63%         55%         97%         93%         100%         15%         15%         58%           75         15%         91%         95%         70%         52%         98%  | Q<br>1<br>5<br>10<br>15<br>20<br>25  | Min All 0% 0% 0% 0% 0% 0%   | E. gra.  0%  5%  30%  31%  35%  49%  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%  | 8%<br>39%<br>65%<br>70%<br>76%  | 0%<br>0%<br>0%<br>0%<br>37%<br>38%   | 0%<br>0%<br>0%<br>19%<br>28%<br>42%  | 7%<br>32%<br>55%<br>59%<br>67%<br>74%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%   | 0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>12%<br>36%<br>24%  |
| 45         0%         67%         71%         88%         47%         70%         91%         24%         0%         0%         55%           50         13%         73%         78%         88%         37%         77%         99%         54%         13%         13%         56%           55         14%         75%         79%         84%         69%         45%         90%         100%         86%         15%         15%         15%         100%         65         15%         82%         86%         71%         46%         95%         100%         99%         15%         15%         15%         58%           70         15%         83%         87%         63%         55%         97%         93%         100%         15%         15%         58%           75         15%         91%         95%         70%         52%         98%         85%         100%         15%         15%         58%           80         15%         92%         94%         61%         48%         97%         75%         100%         15%         15%         59%           85         14%         92%         93%         63%   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30  | Min All 0% 0% 0% 0% 0% 0% 0% 0%   | E. gra.  0%  5%  30%  31%  35%  49%  51%   | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%   | 8%<br>39%<br>65%<br>70%<br>76%<br>76%<br>78%  | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%  | 0%<br>0%<br>0%<br>19%<br>28%<br>42%  | 7% 32% 55% 59% 67% 74% 83%  | 0%<br>0%<br>0%<br>12%<br>24%<br>61%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>12%<br>36%<br>24%  |
| 50         13%         73%         78%         88%         37%         77%         99%         54%         13%         13%         56%           55         14%         75%         79%         79%         33%         82%         100%         55%         14%         14%         88%           60         15%         79%         84%         69%         45%         90%         100%         86%         15%         15%         100%           65         15%         82%         86%         71%         46%         95%         100%         99%         15%         15%         58%           70         15%         83%         87%         63%         55%         97%         93%         100%         15%         15%         58%           75         15%         91%         95%         70%         52%         98%         85%         100%         15%         15%         59%           80         15%         92%         94%         61%         48%         97%         75%         100%         15%         15%         59%           85         14%         92%         93%         61%         48%         9   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | Min All  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0%  5%  30%  31%  35%  49%  51%  56%  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%  | 8%<br>39%<br>65%<br>70%<br>76%<br>76%<br>78%<br>91%   | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%   | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%  | 7% 32% 55% 59% 67% 74% 83% 83%  | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%   |
| 55         14%         75%         79%         79%         33%         82%         100%         55%         14%         14%         88%           60         15%         79%         84%         69%         45%         90%         100%         86%         15%         15%         100%           65         15%         82%         86%         71%         46%         95%         100%         99%         15%         15%         58%           70         15%         83%         87%         63%         55%         97%         93%         100%         15%         15%         58%           75         15%         91%         95%         70%         52%         98%         85%         100%         15%         15%         59%           80         15%         92%         94%         61%         48%         97%         75%         100%         15%         15%         59%           85         14%         92%         93%         63%         48%         96%         74%         99%         14%         14%         59%           85         14%         93%         93%         61%         62%         9   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49% 51% 56% 60%   | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%   | 8%<br>39%<br>65%<br>70%<br>76%<br>76%<br>78%<br>91%<br>100%                                     | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%  | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%   | 7% 32% 55% 59% 67% 74% 83% 83% 91%  | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>24%<br>12%  |
| 60         15%         79%         84%         69%         45%         90%         100%         86%         15%         15%         100%           65         15%         82%         86%         71%         46%         95%         100%         99%         15%         15%         58%           70         15%         83%         87%         63%         55%         97%         93%         100%         15%         15%         58%           75         15%         91%         95%         70%         52%         98%         85%         100%         15%         15%         59%           80         15%         92%         94%         61%         48%         97%         75%         100%         15%         15%         59%           85         14%         92%         93%         63%         48%         96%         74%         99%         14%         14%         59%           90         14%         93%         93%         61%         62%         99%         73%         55%         14%         14%         92%           95         26%         100%         100%         68%         88%  | 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49% 51% 56% 60% 67%   | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%  | 8%<br>39%<br>65%<br>70%<br>76%<br>76%<br>78%<br>91%<br>100%<br>88%                              | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%   | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%   | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91%  | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>54%<br>55%   |
| 65         15%         82%         86%         71%         46%         95%         100%         99%         15%         15%         58%           70         15%         83%         87%         63%         55%         97%         93%         100%         15%         15%         58%           75         15%         91%         95%         70%         52%         98%         85%         100%         15%         15%         59%           80         15%         92%         94%         61%         48%         97%         75%         100%         15%         15%         59%           85         14%         92%         93%         63%         48%         96%         74%         99%         14%         14%         59%           90         14%         93%         93%         61%         62%         99%         73%         55%         14%         14%         92%           95         26%         100%         100%         61%         63%         100%         68%         88%         26%         26%         92%           100         13%         100%         99%         54%         88% <td< td=""><td>Q<br/>1<br/>5<br/>10<br/>15<br/>20<br/>25<br/>30<br/>35<br/>40<br/>45<br/>50</td><td>Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%</td><td>E. gra.  0%  5%  30%  31%  35%  49%  56%  60%  67%  73%</td><td>0%<br/>6%<br/>31%<br/>33%<br/>38%<br/>52%<br/>54%<br/>60%<br/>63%<br/>71%</td><td>8%<br/>39%<br/>65%<br/>70%<br/>76%<br/>76%<br/>78%<br/>91%<br/>100%<br/>88%<br/>88%</td><td>0%<br/>0%<br/>0%<br/>0%<br/>37%<br/>38%<br/>49%<br/>38%<br/>47%<br/>47%<br/>37%</td><td>0%<br/>0%<br/>0%<br/>19%<br/>28%<br/>42%<br/>54%<br/>61%<br/>67%<br/>70%</td><td>7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 99%</td><td>0%<br/>0%<br/>0%<br/>12%<br/>24%<br/>61%<br/>60%<br/>25%<br/>24%<br/>24%<br/>54%</td><td>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%</td><td>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%<br/>0%</td><td>0%<br/>0%<br/>0%<br/>12%<br/>36%<br/>24%<br/>12%<br/>54%<br/>55%<br/>56%</td></td<>                            | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0%  5%  30%  31%  35%  49%  56%  60%  67%  73%  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%  | 8%<br>39%<br>65%<br>70%<br>76%<br>76%<br>78%<br>91%<br>100%<br>88%<br>88%                       | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%  | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%<br>70%  | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 99%  | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>54%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  | 0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>54%<br>55%<br>56%  |
| 70         15%         83%         87%         63%         55%         97%         93%         100%         15%         15%         58%           75         15%         91%         95%         70%         52%         98%         85%         100%         15%         15%         59%           80         15%         92%         94%         61%         48%         97%         75%         100%         15%         15%         59%           85         14%         92%         93%         63%         48%         96%         74%         99%         14%         14%         59%           90         14%         93%         93%         61%         62%         99%         73%         55%         14%         14%         92%           95         26%         100%         100%         61%         63%         100%         68%         88%         26%         26%         92%           100         13%         100%         99%         54%         71%         91%         61%         89%         13%         13%         100%           125         47%         89%         89%         48%         100%         <   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%                                   | E. gra.  0%  5%  30%  31%  35%  49%  51%  56%  60%  67%  73%  75%  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%  | 8%<br>39%<br>65%<br>70%<br>76%<br>76%<br>91%<br>100%<br>88%<br>88%<br>79%                       | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%   | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%<br>70%<br>77%<br>82%  | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 99% 100%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>54%<br>55%   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%                                   | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%   | 0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>24%<br>12%<br>55%<br>56%<br>88%   |
| 75         15%         91%         95%         70%         52%         98%         85%         100%         15%         15%         59%           80         15%         92%         94%         61%         48%         97%         75%         100%         15%         15%         59%           85         14%         92%         93%         63%         48%         96%         74%         99%         14%         14%         59%           90         14%         93%         93%         61%         62%         99%         73%         55%         14%         14%         92%           95         26%         100%         100%         61%         63%         100%         68%         88%         26%         26%         92%           100         13%         100%         99%         54%         71%         91%         61%         89%         13%         13%         100%           125         47%         89%         89%         48%         100%         69%         54%         88%         47%         47%         95%           150         43%         63%         64%         48%         43%         <   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%  15%                              | E. gra.  0%  5%  30%  31%  35%  49%  51%  56%  60%  67%  73%  75%  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%                                     | 8%<br>39%<br>65%<br>70%<br>76%<br>76%<br>100%<br>88%<br>88%<br>79%<br>69%                       | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%  | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%<br>70%<br>77%<br>82%<br>90%                                   | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>54%<br>55%<br>86%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%                                  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%  | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>54%<br>55%<br>56%<br>88%<br>100%   |
| 80         15%         92%         94%         61%         48%         97%         75%         100%         15%         15%         59%           85         14%         92%         93%         63%         48%         96%         74%         99%         14%         14%         59%           90         14%         93%         93%         61%         62%         99%         73%         55%         14%         14%         92%           95         26%         100%         100%         61%         63%         100%         68%         88%         26%         26%         92%           100         13%         100%         99%         54%         71%         91%         61%         89%         13%         13%         100%           125         47%         89%         89%         48%         100%         69%         54%         88%         47%         47%         95%           150         43%         63%         64%         48%         43%         48%         47%         87%         88%         88%         98%           175         33%         60%         61%         33%         40%         <   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%  15%                              | E. gra.  0%  5%  30%  31%  35%  49%  51%  60%  67%  73%  75%  79%  82%   | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%                                     | 8%<br>39%<br>65%<br>70%<br>76%<br>76%<br>78%<br>91%<br>100%<br>88%<br>88%<br>79%<br>69%<br>71%  | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%   | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%<br>70%<br>77%<br>82%<br>90%<br>95%                            | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100%  | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>54%<br>55%<br>86%<br>99%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>15%   | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>24%<br>12%<br>54%<br>55%<br>56%<br>88%<br>100%<br>58%   |
| 85         14%         92%         93%         63%         48%         96%         74%         99%         14%         14%         59%           90         14%         93%         93%         61%         62%         99%         73%         55%         14%         14%         92%           95         26%         100%         100%         61%         63%         100%         68%         88%         26%         26%         92%           100         13%         100%         99%         54%         71%         91%         61%         89%         13%         13%         100%           125         47%         89%         89%         48%         100%         69%         54%         88%         47%         47%         95%           150         43%         63%         64%         48%         43%         48%         47%         87%         88%         88%         98%           175         33%         60%         61%         33%         40%         38%         39%         86%         100%         100%         100%           200         26%         56%         53%         35%         46%  | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%  15%  15%                         | E. gra.  0%  5%  30%  31%  35%  49%  51%  60%  67%  73%  75%  79%  82%  83%  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%<br>86%<br>87%                       | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63%                                     | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%   | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%<br>70%<br>77%<br>82%<br>90%<br>95%                            | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 93%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>54%<br>55%<br>86%<br>99%<br>100%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>15%<br>15%  | 0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>24%<br>55%<br>56%<br>88%<br>100%<br>58%   |
| 90         14%         93%         93%         61%         62%         99%         73%         55%         14%         14%         92%           95         26%         100%         100%         61%         63%         100%         68%         88%         26%         26%         92%           100         13%         100%         99%         54%         71%         91%         61%         89%         13%         13%         100%           125         47%         89%         89%         48%         100%         69%         54%         88%         47%         47%         95%           150         43%         63%         64%         48%         43%         48%         47%         87%         88%         88%         98%           175         33%         60%         61%         33%         40%         38%         39%         86%         100%         100%         100%         20         26%         56%         53%         35%         46%         35%         26%         99%         90%         90%         107%         250         0%         0%         0%         0%         96%         30%         36%   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%  15%  15%                         | E. gra.  0%  5%  30%  31%  35%  49%  51%  60%  67%  73%  75%  79%  82%  83%  91%                                       | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%<br>86%<br>87%                       | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 70%                                 | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%  | 0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%<br>70%<br>77%<br>82%<br>90%<br>95%<br>97%                     | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 93%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>54%<br>55%<br>86%<br>99%<br>100%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>15%<br>15%  | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%  |
| 95         26%         100%         100%         61%         63%         100%         68%         88%         26%         26%         92%           100         13%         100%         99%         54%         71%         91%         61%         89%         13%         13%         100%           125         47%         89%         89%         48%         100%         69%         54%         88%         47%         47%         95%           150         43%         63%         64%         48%         43%         48%         47%         87%         88%         88%         98%           175         33%         60%         61%         33%         40%         38%         39%         86%         100%         100%         100%           200         26%         56%         53%         35%         46%         35%         26%         99%         90%         90%         107%           250         0%         37%         36%         35%         48%         22%         27%         75%         0%         0%         96%           300         0%         30%         29%         32%         50%   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%  15%  15%  15%                    | E. gra.  0%  5%  30%  31%  35%  49%  51%  60%  67%  73%  75%  79%  82%  83%  91%  92%                                  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%<br>86%<br>87%<br>95%<br>94%         | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 70% 61%                             | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>52%<br>48%  | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 70% 77% 82% 90% 95% 97%  | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 53% 85%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>54%<br>55%<br>86%<br>99%<br>100%<br>100%  | 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>15%<br>15%<br>15%   | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%  |
| 100         13%         100%         99%         54%         71%         91%         61%         89%         13%         13%         100%           125         47%         89%         89%         48%         100%         69%         54%         88%         47%         47%         95%           150         43%         63%         64%         48%         43%         48%         47%         87%         88%         88%         98%           175         33%         60%         61%         33%         40%         38%         39%         86%         100%         100%         100%           200         26%         56%         53%         35%         46%         35%         26%         99%         90%         90%         107%           250         0%         37%         36%         35%         48%         22%         27%         75%         0%         0%         96%           300         0%         30%         29%         32%         50%         28%         26%         12%         0%         0%         0%         30%           350         0%         25%         26%         23%         2   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%  15%  15%  15%  14%               | E. gra.  0%  5%  30%  31%  35%  49%  51%  60%  67%  73%  75%  79%  82%  83%  91%  92%                                  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%<br>86%<br>87%<br>95%<br>94%         | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 71% 63% 70% 61% 63%                                 | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>52%<br>48%  | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 70% 82% 90% 95% 97% 98%  | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 75% 74%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>54%<br>55%<br>86%<br>99%<br>100%<br>100%<br>100%                                    | 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 14%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>15%<br>15%<br>15%   | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>54%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%  |
| 125         47%         89%         89%         48%         100%         69%         54%         88%         47%         47%         95%           150         43%         63%         64%         48%         43%         48%         47%         87%         88%         88%         98%           175         33%         60%         61%         33%         40%         38%         39%         86%         100%         100%         100%           200         26%         56%         53%         35%         46%         35%         26%         99%         90%         90%         107%           250         0%         37%         36%         35%         48%         22%         27%         75%         0%         0%         96%           300         0%         30%         29%         32%         50%         28%         26%         12%         0%         0%         0%         30%           350         0%         25%         26%         23%         22%         34%         22%         0%         0%         0%         0%           400         0%         28%         29%         17%         0%   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0%  5%  30%  31%  35%  49%  51%  56%  60%  67%  73%  75%  82%  83%  91%  92%  93%                             | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%<br>86%<br>87%<br>95%<br>94%<br>93%  | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 70% 61%                             | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>52%<br>48%<br>48%   | 0%<br>0%<br>0%<br>0%<br>19%<br>28%<br>42%<br>54%<br>61%<br>67%<br>70%<br>77%<br>82%<br>90%<br>95%<br>97%<br>98%<br>97% | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 99% 100% 100% 100% 93% 85% 75%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>54%<br>55%<br>86%<br>99%<br>100%<br>100%<br>100%<br>99%<br>55%                      | 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 14% 14%  | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>15%<br>15%<br>15%<br>15%   | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>54%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%<br>59%   |
| 150         43%         63%         64%         48%         43%         48%         47%         87%         88%         88%         98%           175         33%         60%         61%         33%         40%         38%         39%         86%         100%         100%         100%           200         26%         56%         53%         35%         46%         35%         26%         99%         90%         90%         107%           250         0%         37%         36%         35%         48%         22%         27%         75%         0%         0%         96%           300         0%         30%         29%         32%         50%         28%         26%         12%         0%         0%         0%         30%           350         0%         25%         26%         23%         22%         34%         22%         0%         0%         0%         0%           400         0%         28%         29%         17%         0%         33%         22%         0%         0%         0%         0%  | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95  | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%  15%  15%  15%  14%  14%  14%     | E. gra.  0% 5% 30% 31% 35% 49% 56% 60% 67% 73% 75% 82% 82% 83% 91% 92% 93% 100%  | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%<br>86%<br>87%<br>93%<br>93%<br>100%        | 8% 39% 65% 70% 76% 76% 91% 100% 88% 88% 79% 69% 71% 63% 61% 61%                                 | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>48%<br>48%<br>62%<br>63%  | 0% 0% 0% 0% 19% 28% 42% 61% 67% 70% 77% 82% 90% 95% 97% 98% 97% 96% 99% 100%   | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 100% 75% 74% 73% 68%  | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>54%<br>55%<br>86%<br>99%<br>100%<br>100%<br>99%<br>55%<br>88%                | 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 144% 14% 26%                                       | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>15%<br>15%<br>15%<br>14%<br>14%<br>14%                        | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%<br>59%<br>92%   |
| 175         33%         60%         61%         33%         40%         38%         39%         86%         100%         100%         100%           200         26%         56%         53%         35%         46%         35%         26%         99%         90%         90%         107%           250         0%         37%         36%         35%         48%         22%         27%         75%         0%         0%         96%           300         0%         30%         29%         32%         50%         28%         26%         12%         0%         0%         0%         30%           350         0%         25%         26%         23%         22%         34%         22%         0%         0%         0%         0%           400         0%         28%         29%         17%         0%         33%         22%         0%         0%         0%         0%  | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100                               | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49% 56% 66% 67% 73% 75% 79% 82% 93% 100% 100%   | 0%<br>6%<br>31%<br>33%<br>38%<br>52%<br>54%<br>60%<br>63%<br>71%<br>78%<br>79%<br>84%<br>86%<br>87%<br>93%<br>93%<br>100% | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 61% 61% 64%                         | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>52%<br>48%<br>62%<br>63%<br>71%                                     | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 70% 77% 82% 90% 95% 97% 96% 99% 100% 91%   | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 100% 63% 85% 75% 74% 73% 68% 61%                            | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>55%<br>86%<br>99%<br>100%<br>100%<br>100%<br>99%<br>55%<br>88%               | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 144% 14% 26% 13%                            | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>15%<br>15%<br>15%<br>15%<br>15%<br>144%<br>144%<br>26%<br>13% | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>54%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%<br>92%<br>92%<br>100%                                    |
| 200         26%         56%         53%         35%         46%         35%         26%         99%         90%         90%         107%           250         0%         37%         36%         35%         48%         22%         27%         75%         0%         0%         96%           300         0%         30%         29%         32%         50%         28%         26%         12%         0%         0%         0%         30%           350         0%         25%         26%         23%         22%         34%         22%         0%         0%         0%         0%           400         0%         28%         29%         17%         0%         33%         22%         0%         0%         0%         0%   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                                    | Min All  0%  0%  0%  0%  0%  0%  0%  0%  13%  14%  15%  15%  15%  14%  14%  14%  14 | E. gra.  0% 5% 30% 31% 35% 49% 56% 60% 67% 73% 75% 79% 82% 83% 91% 92% 93% 100% 100% 89%                               | 0% 6% 31% 33% 38% 52% 54% 60% 633% 71% 78% 79% 84% 86% 87% 95% 94% 93% 93% 100% 99% 89%                                   | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 61% 61% 64% 48%                     | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>55%<br>58%<br>62%<br>63%<br>71%                                     | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 77% 82% 90% 95% 97% 96% 98% 100% 91%   | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 100% 53% 85% 75% 74% 68% 61% 54%                            | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>24%<br>55%<br>86%<br>99%<br>100%<br>100%<br>100%<br>99%<br>55%<br>88%<br>89%        | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 144% 144% 144% 144                          | 0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>13%<br>14%<br>15%<br>15%<br>15%<br>15%<br>144%<br>26%<br>13%<br>47%         | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%<br>59%<br>92%<br>92%<br>100%<br>95%                             |
| 250         0%         37%         36%         35%         48%         22%         27%         75%         0%         0%         96%           300         0%         30%         29%         32%         50%         28%         26%         12%         0%         0%         30%           350         0%         25%         26%         23%         22%         34%         22%         0%         0%         0%         0%           400         0%         28%         29%         17%         0%         33%         22%         0%         0%         0%         0%   | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150                             | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49% 51% 56% 60% 67% 73% 75% 79% 82% 83% 91% 92% 93% 100% 100% 89% 63%                       | 0% 6% 31% 33% 38% 52% 54% 60% 63% 71% 78% 79% 84% 86% 87% 95% 94% 93% 100% 99% 89%  | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 61% 61% 64% 48% 48%                 | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>52%<br>48%<br>62%<br>63%<br>71%<br>100%<br>43%                      | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 77% 82% 90% 95% 97% 98% 91% 100% 91% 69% 48%                                       | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 40% 54% 68% 61% 54%   | 0%<br>0%<br>0%<br>12%<br>24%<br>61%<br>60%<br>25%<br>24%<br>54%<br>55%<br>86%<br>99%<br>100%<br>100%<br>100%<br>99%<br>55%<br>88%<br>89%<br>88% | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 144% 26% 13% 47% 88%                     | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 14% 14% 26% 13% 47%   | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>54%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%<br>59%<br>92%<br>92%<br>100%<br>95%<br>98%               |
| 300     0%     30%     29%     32%     50%     28%     26%     12%     0%     0%     30%       350     0%     25%     26%     23%     22%     34%     22%     0%     0%     0%     0%       400     0%     28%     29%     17%     0%     33%     22%     0%     0%     0%     0%  | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175                      | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49% 51% 660% 67% 73% 75% 79% 82% 83% 91% 92% 93% 100% 100% 89% 63% 60%                      | 0% 6% 31% 33% 38% 52% 54% 60% 63% 71% 78% 79% 84% 86% 87% 95% 94% 93% 93% 100% 99% 89% 64% 61%                            | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 70% 61% 61% 64% 48% 48% 33%         | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>52%<br>48%<br>48%<br>63%<br>71%<br>100%<br>43%<br>40%               | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 70% 77% 82% 90% 95% 97% 98% 91% 69% 48% 38%  | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 53% 85% 75% 74% 73% 68% 61% 54% 47% 39%                     | 0% 0% 0% 12% 24% 61% 60% 25% 24% 54% 55% 86% 99% 100% 100% 100% 99% 88% 89% 88% 89% 88%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 15% 14% 26% 13% 47% 88%                     | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 14% 26% 13% 47% 88% 100%   | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%<br>59%<br>92%<br>100%<br>95%<br>98%<br>100%                     |
| 350 0% 25% 26% 23% 22% 34% 22% 0% 0% 0% 0%<br>400 0% 28% 29% 17% 0% 33% 22% 0% 0% 0% 0%  | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200               | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49% 51% 66% 67% 73% 75% 79% 82% 83% 91% 92% 93% 100% 100% 89% 63% 60% 56%                   | 0% 6% 31% 33% 38% 52% 54% 60% 63% 71% 78% 79% 84% 86% 87% 95% 94% 93% 100% 99% 89% 64% 61% 53%                            | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 70% 61% 61% 64% 48% 33% 35%         | 0%<br>0%<br>0%<br>0%<br>37%<br>38%<br>49%<br>38%<br>47%<br>47%<br>37%<br>33%<br>45%<br>46%<br>55%<br>52%<br>48%<br>48%<br>62%<br>63%<br>71%<br>100%<br>43%<br>40%<br>46% | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 77% 82% 90% 95% 97% 98% 97% 96% 99% 100% 91% 69% 48% 38% 35%                       | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 40% 54% 73% 68% 61% 54% 47% 39% 26%                         | 0% 0% 0% 12% 24% 61% 60% 25% 24% 54% 55% 86% 99% 100% 100% 100% \$\$88% 89% 88% 89% 88% 89% 88% 89%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 15% 15% 14% 26% 13% 47% 88% 100% 90%        | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 14% 14% 26% 13% 47% 88% 100% 90%   | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%<br>59%<br>92%<br>100%<br>95%<br>98%<br>100%                     |
| 400 0% 28% 29% 17% 0% 33% 22% 0% 0% 0% 0%  | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250        | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49% 51% 60% 67% 73% 75% 79% 82% 83% 91% 92% 93% 100% 100% 89% 63% 60% 56% 37%               | 0% 6% 31% 33% 38% 52% 54% 60% 63% 71% 78% 79% 84% 86% 87% 95% 94% 93% 100% 99% 89% 64% 61% 53% 36%                        | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 61% 61% 64% 48% 48% 33% 35%         | 0% 0% 0% 0% 37% 38% 49% 38% 47% 47% 37% 33% 45% 46% 55% 52% 48% 48% 62% 63% 71% 100% 43% 40% 46% 48%   | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 77% 82% 90% 95% 97% 98% 97% 98% 97% 96% 99% 100% 91% 69% 48% 38% 35% 22%           | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 40% 54% 73% 68% 61% 54% 47% 39% 26% 27%                     | 0% 0% 0% 12% 24% 61% 60% 25% 24% 54% 55% 86% 99% 100% 100% 100% \$\$88% 89% 88% 89% 88% 89% 88%   | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 14% 14% 26% 13% 47% 88% 100% 90% 0%             | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 14% 14% 26% 13% 47% 88% 100% 90%  | 0% 0% 0% 0% 12% 36% 24% 12% 55% 56% 88% 100% 58% 59% 59% 92% 100% 95% 98% 100% 107% 96%  |
|  | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300 | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49%  51% 56% 60% 67% 73% 75% 82% 83% 91% 92% 93% 100% 100% 100% 89% 60% 67% 33% 56% 37% 30% | 0% 6% 31% 33% 38% 52% 54% 60% 63% 71% 78% 79% 84% 86% 87% 95% 94% 93% 100% 99% 84% 61% 53% 36% 29%                        | 8% 39% 65% 70% 76% 76% 78% 91% 100% 88% 88% 79% 69% 71% 63% 61% 61% 64% 48% 48% 33% 35% 35% 32% | 0% 0% 0% 0% 37% 38% 49% 38% 47% 47% 37% 33% 45% 46% 55% 52% 48% 62% 63% 71% 100% 43% 40% 46% 48% 50%   | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 70% 77% 82% 90% 95% 97% 98% 97% 96% 99% 100% 91% 69% 48% 38% 35% 22% 28%           | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 100% 100% 100% 40% 54% 68% 61% 54% 47% 39% 26% 27% 26%                     | 0% 0% 0% 12% 24% 61% 60% 25% 24% 54% 55% 86% 99% 100% 100% 100% 99% 55% 88% 89% 88% 89% 88% 87% 86% 99% 75%                                     | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 15% 15% 14% 14% 26% 13% 47% 88% 100% 90% 0% | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 14% 26% 13% 47% 88% 100% 90% 0%   | 0% 0% 0% 0% 12% 36% 24% 12% 54% 55% 56% 88% 100% 58% 59% 59% 92% 100% 92% 100% 95% 98% 100% 96% 30%  |
|  | Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>250<br>300<br>350        | Min All  0%  0%  0%  0%  0%  0%  0%  0%  0%   | E. gra.  0% 5% 30% 31% 35% 49%  56% 66% 67% 73% 75% 82% 83% 91% 92% 93% 100% 100% 89% 63% 60% 56% 37% 30% 25%          | 0% 6% 31% 33% 38% 52% 60% 63% 71% 78% 79% 84% 86% 87% 93% 93% 100% 99% 89% 64% 61% 53% 36% 29% 26%                        | 8% 39% 65% 70% 76% 76% 76% 91% 100% 88% 88% 79% 69% 71% 63% 61% 61% 64% 48% 33% 35% 35% 32% 23% | 0% 0% 0% 0% 37% 38% 49% 38% 47% 47% 37% 33% 45% 46% 55% 52% 48% 62% 63% 71% 100% 43% 40% 46% 48% 50% 22%   | 0% 0% 0% 0% 19% 28% 42% 54% 61% 67% 70% 77% 82% 90% 95% 97% 96% 99% 100% 91% 69% 48% 38% 35% 22% 28% 34%               | 7% 32% 55% 59% 67% 74% 83% 83% 91% 91% 99% 100% 100% 100% 93% 85% 75% 74% 73% 68% 61% 54% 47% 39% 26% 27% 26% 22% | 0% 0% 0% 12% 24% 61% 60% 25% 24% 24% 55% 86% 99% 100% 100% 100% 55% 88% 89% 88% 89% 88% 89% 88% 89% 88% 89%                                     | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 14% 14% 26% 13% 47% 88% 100% 90% 0%          | 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 13% 14% 15% 15% 15% 15% 14% 26% 13% 47% 88% 100% 90% 0%   | 0%<br>0%<br>0%<br>0%<br>12%<br>36%<br>24%<br>12%<br>55%<br>56%<br>88%<br>100%<br>58%<br>59%<br>59%<br>92%<br>100%<br>95%<br>92%<br>100%<br>95%<br>96%<br>30%<br>0% |

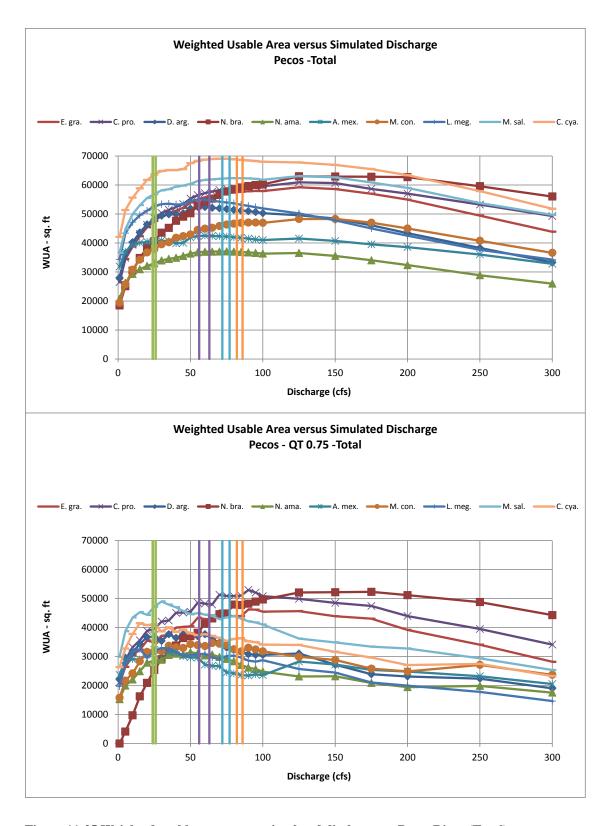


Figure 11-25 Weighted usable area versus simulated discharge at Pecos River (Total).

Table 11-25 Percent of maximum WUA versus simulated discharge at Pecos River (Total).

| Pecos<br>Q   | Min All   | E. gra.   | C. pro.  | D. arg.   | N. bra.  | N. ama.  | A. mex.  | M. con.  | L. meg.   | M. sal.   | C. cya  |
|--|---|---|--|---|--|--|--|--|---|---|---|
| 1  | 29%   | 45%   | 44%  | 53%   | 29%  | 56%  | 75%  | 40%  | 62%   | 58%   | 61%   |
| 5  | 40%   | 58%   | 57%  | 69%   | 40%  | 71%  | 87%  | 53%  | 79%   | 71%   | 74%   |
| 10   | 48%   | 65%   | 65%  | 77%   | 48%  | 79%  | 93%  | 64%  | 86%   | 79%   | 81%   |
| 15   | 55%   | 72%   | 71%  | 83%   | 55%  | 84%  | 94%  | 71%  | 90%   | 84%   | 85%   |
| 20   | 61%   | 77%   | 76%  | 89%   | 61%  | 87%  | 95%  | 76%  | 93%   | 88%   | 89%   |
| 25   | 65%   | 80%   | 80%  | 92%   | 65%  | 89%  | 96%  | 78%  | 96%   | 90%   | 92%   |
| 30   | 69%   | 83%   | 83%  | 94%   | 69%  | 92%  | 96%  | 82%  | 97%   | 92%   | 94%   |
| 35   | 72%   | 85%   | 84%  | 95%   | 72%  | 93%  | 95%  | 83%  | 97%   | 93%   | 94%   |
| 40   | 76%   | 86%   | 86%  | 95%   | 76%  | 94%  | 94%  | 87%  | 97%   | 94%   | 94%   |
| 45   | 78%   | 88%   | 88%  | 96%   | 78%  | 96%  | 94%  | 88%  | 97%   | 95%   | 95%   |
| 50   | 80%   | 91%   | 91%  | 99%   | 80%  | 98%  | 99%  | 89%  | 99%   | 96%   | 98%   |
| 55   | 84%   | 93%   | 93%  | 100%  | 84%  | 99%  | 100%   | 92%  | 100%  | 97%   | 99%   |
| 60   | 86%   | 94%   | 94%  | 100%  | 86%  | 100%   | 100%   | 93%  | 100%  | 98%   | 100%  |
| 65   | 88%   | 95%   | 95%  | 99%   | 88%  | 100%   | 100%   | 94%  | 99%   | 98%   | 100%  |
| 70   | 90%   | 96%   | 96%  | 99%   | 90%  | 100%   | 100%   | 95%  | 99%   | 99%   | 100%  |
| 75   | 92%   | 97%   | 96%  | 99%   | 92%  | 100%   | 99%  | 96%  | 98%   | 99%   | 100%  |
| 80   | 93%   | 97%   | 97%  | 98%   | 93%  | 100%   | 99%  | 97%  | 98%   | 99%   | 100%  |
| 85   | 94%   | 97%   | 97%  | 98%   | 94%  | 99%  | 98%  | 97%  | 97%   | 99%   | 99%   |
| 90   | 95%   | 98%   | 98%  | 97%   | 95%  | 99%  | 98%  | 97%  | 96%   | 99%   | 99%   |
| 95   | 95%   | 98%   | 98%  | 97%   | 95%  | 99%  | 97%  | 97%  | 95%   | 98%   | 99%   |
| 100  | 94%   | 98%   | 98%  | 96%   | 96%  | 98%  | 96%  | 97%  | 94%   | 98%   | 98%   |
| 125  | 91%   | 100%  | 100%   | 95%   | 100%   | 99%  | 98%  | 100%   | 91%   | 100%  | 98%   |
| 150  | 87%   | 99%   | 100%   | 92%   | 100%   | 96%  | 96%  | 100%   | 87%   | 99%   | 97%   |
| 175  | 82%   | 96%   | 96%  | 88%   | 100%   | 92%  | 93%  | 97%  | 82%   | 97%   | 95%   |
| 200  | 77%   | 93%   | 94%  | 83%   | 100%   | 87%  | 91%  | 93%  | 77%   | 94%   | 92%   |
| 250  | 69%   | 84%   | 87%  | 73%   | 95%  | 78%  | 85%  | 84%  | 69%   | 85%   | 84%   |
| 300  | 62%   | 74%   | 81%  | 64%   | 89%  | 70%  | 77%  | 76%  | 62%   | 79%   | 75%   |
| 350  | 57%   | 69%   | 76%  | 59%   | 82%  | 66%  | 75%  | 68%  | 57%   | 73%   | 69%   |
|  | 400/  | C20/  |  | E 20/   |  |  |  |  |   |   |   |
| 400<br>500   | 49%<br>39%<br>- QT 0.75 -Tota   | 63%<br>53%<br>al  | 70%<br>57%   | 52%<br>42%  | 74%<br>59%   | 62%<br>46%   | 71%<br>62%   | 60%<br>45%   | 49%<br>39%  | 67%<br>54%  | 64%<br>55%  |
| 400<br>500<br>ecos<br>Q  | 39%<br>- QT 0.75 -Tota<br>Min All   | 53%<br>al<br>E. gra.  | 57%<br>C. pro.   | 42%<br>D. arg.  | 59%<br>N. bra.   | 46%<br>N. ama.   | 62%<br>A. mex.   | 45%<br>M. con.   | 39%<br>L. meg.  | 54%<br>M. sal.  | 55%<br>C. cya   |
| 400<br>500<br>ecos<br>Q<br>1   | 39%<br>- QT 0.75 -Tota<br>Min All<br>0%   | 53%<br>al<br>E. gra.<br>45%   | 57%<br>C. pro.<br>40%  | D. arg.   | 59%<br>N. bra.<br>0%   | 46%<br>N. ama.<br>49%  | 62%<br>A. mex.<br>73%  | 45%<br>M. con.<br>46%  | 39%<br>L. meg.  | 54%<br>M. sal.<br>61%   | C. cya  |
| 400<br>500<br>ecos<br>Q  | 39%<br>- QT 0.75 -Tota<br>Min All<br>0%<br>8%   | 53%<br>al<br>E. gra.<br>45%<br>57%  | 57%<br>C. pro.<br>40%<br>54%   | D. arg. 59% 78%   | 59%  N. bra.  0%  8%   | 46%<br>N. ama.<br>49%<br>63%   | 62%  A. mex.  73%  89%   | M. con.<br>46%<br>63%  | 39% L. meg. 60% 84%   | 54%<br>M. sal.<br>61%<br>79%  | C. cya<br>64%<br>79%  |
| 400<br>500<br>ecos<br>Q<br>1<br>5  | 39% - QT 0.75 -Tota Min All 0% 8% 19%   | 53%<br>al<br>E. gra.<br>45%<br>57%<br>66%   | C. pro.<br>40%<br>54%<br>63%   | D. arg. 59% 78% 83%   | N. bra.<br>0%<br>8%<br>19%   | N. ama.<br>49%<br>63%<br>70%   | A. mex. 73% 89% 90%  | M. con.<br>46%<br>63%<br>70%   | 39% L. meg. 60% 84% 96%   | M. sal. 61% 79% 89%   | C. cya<br>64%<br>79%<br>91%   |
| 400<br>500<br>ecos<br>Q<br>1<br>5<br>10  | 39% - QT 0.75 -Tota Min All 0% 8% 19% 31%   | 53%  al  E. gra.  45%  57%  66%  70%  | 57%  C. pro. 40% 54% 63% 67%   | D. arg. 59% 78% 83% 91%   | N. bra.  0%  8%  19%  31%  | N. ama.<br>49%<br>63%<br>70%<br>79%  | A. mex. 73% 89% 90%  | M. con.<br>46%<br>63%<br>70%<br>82%  | 39%  L. meg. 60% 84% 96% 99%  | M. sal. 61% 79% 89% 92%   | C. cya<br>64%<br>79%<br>91%<br>100%   |
| 400<br>500<br>ecos<br>Q<br>1<br>5<br>10<br>15<br>20  | 39% - QT 0.75 -Tota Min All 0% 8% 19% 31% 40%   | 53% al E. gra. 45% 57% 66% 70%  | C. pro. 40% 54% 63% 67% 73%  | D. arg. 59% 78% 83% 91% 97%   | N. bra.  0%  8%  19%  31%  40%   | N. ama.<br>49%<br>63%<br>70%<br>79%<br>88%   | A. mex. 73% 89% 90% 90% 97%  | M. con. 46% 63% 70% 82% 91%  | 39%<br>L. meg.<br>60%<br>84%<br>96%<br>99%<br>90%   | M. sal. 61% 79% 89% 92% 91%   | 55%<br>C. cya<br>64%<br>79%<br>91%<br>100%<br>99%   |
| 100<br>500<br>1<br>5<br>10<br>15<br>20   | 39% - QT 0.75 - Tota Min All 0% 8% 19% 31% 40% 49%  | 53% al E. gra. 45% 57% 66% 70% 77%  | C. pro. 40% 54% 63% 67% 73%  | D. arg. 59% 78% 83% 91% 97%   | N. bra.<br>0%<br>8%<br>19%<br>31%<br>40%<br>49%  | N. ama.<br>49%<br>63%<br>70%<br>79%<br>88%<br>91%  | A. mex.  73%  89%  90%  90%  97%  100%   | M. con. 46% 63% 70% 82% 91%  | 39%<br>L. meg.<br>60%<br>84%<br>96%<br>99%<br>90%<br>97%  | M. sal. 61% 79% 89% 92% 91% 96%   | 55%  C. cya 64% 79% 91% 100% 99%  |
| ecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25  | 39% - QT 0.75 - Tota Min All 0% 8% 19% 31% 40% 49% 56%  | 53%  E. gra. 45% 57% 66% 70% 77% 75% 80%  | 57%  C. pro. 40% 54% 63% 67% 73% 75%   | D. arg. 59% 78% 83% 91% 97% 98%   | N. bra.  0%  8%  19%  31%  40%  49%  | N. ama.<br>49%<br>63%<br>70%<br>79%<br>88%<br>91%  | A. mex. 73% 89% 90% 97% 100%   | M. con. 46% 63% 70% 82% 91% 92%  | 39% L. meg. 60% 84% 96% 99% 90% 100%  | M. sal. 61% 79% 89% 92% 91% 96% 100%  | C. cys<br>64%<br>79%<br>91%<br>1009<br>99%<br>93%   |
| 400<br>500<br>ecos<br>Q<br>1<br>5  | 39% - QT 0.75 - Tota Min All 0% 8% 19% 31% 40% 49%  | 53% al E. gra. 45% 57% 66% 70% 77%  | C. pro. 40% 54% 63% 67% 73%  | D. arg. 59% 78% 83% 91% 97%   | N. bra.<br>0%<br>8%<br>19%<br>31%<br>40%<br>49%  | N. ama.<br>49%<br>63%<br>70%<br>79%<br>88%<br>91%  | A. mex.  73%  89%  90%  90%  97%  100%   | M. con. 46% 63% 70% 82% 91%  | 39%<br>L. meg.<br>60%<br>84%<br>96%<br>99%<br>90%<br>97%  | M. sal. 61% 79% 89% 92% 91% 96%   | C. cys<br>64%<br>79%<br>91%<br>1009<br>99%<br>93%<br>97%  |
| 100<br>600<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | 39% - QT 0.75 - Tota Min All 0% 8% 19% 31% 40% 49% 56% 60%  | 53%  E. gra.  45%  57%  66%  70%  77%  75%  80%  81%  | C. pro. 40% 54% 63% 67% 73% 75% 79% 80%  | D. arg. 59% 78% 83% 91% 97% 98% 94% 100%  | N. bra.<br>0%<br>8%<br>19%<br>31%<br>40%<br>49%<br>56%<br>60%  | N. ama.<br>49%<br>63%<br>70%<br>79%<br>88%<br>91%<br>92%<br>97%  | A. mex. 73% 89% 90% 90% 100% 96% 98%   | 45%  M. con.  46%  63%  70%  82%  91%  92%  92%  97%   | 39%  L. meg. 60% 84% 96% 99% 90% 100% 99%   | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98%   | C. cya<br>64%<br>79%<br>91%<br>1009<br>99%<br>93%<br>97%<br>93%   |
| 100<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | 39% - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% 56% 60% 65%   | 53%  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86%   | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85%  | D. arg. 59% 78% 83% 91% 97% 98% 100% 97%  | N. bra.  0% 8% 19% 31% 40% 49% 56% 60% 65%   | N. ama.<br>49%<br>63%<br>70%<br>79%<br>88%<br>91%<br>92%<br>97%<br>98%                                 | A. mex. 73% 89% 90% 90% 100% 96% 98% 98%   | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96%  | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96%   | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96%   | C. cya<br>64%<br>79%<br>91%<br>1009<br>99%<br>93%<br>97%<br>93%<br>95%  |
| 400<br>5000<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 39% - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% 56% 60% 65% 70%   | 53%  al  E. gra.  45%  57%  66%  70%  77%  75%  80%  81%  86%  87%  | C. pro. 40% 54% 63% 67% 73% 75% 80% 85% 85%  | D. arg. 59% 78% 83% 91% 97% 988% 94% 100% 97% 100%  | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  | N. ama. 49% 63% 70% 79% 88% 91% 92% 97% 98%  | A. mex. 73% 89% 90% 90% 100% 96% 98% 98% 93%   | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95%  | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92%   | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93%   | C. cya 64% 79% 91% 1009 99% 93% 95% 95% 92%   |
| 000<br>000<br>000<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | 39% - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% 56% 60% 65% 70% 71%   | 53%  al  E. gra.  45%  57%  66%  70%  75%  80%  81%  86%  87%  87%  | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 85% 86%  | D. arg. 59% 78% 83% 91% 97% 98% 94% 100% 97% 100% 98%   | 59%  N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  | N. ama. 49% 63% 70% 79% 88% 91% 92% 97% 98% 98% 100%   | A. mex.  73%  89%  90%  90%  97%  100%  96%  98%  98%  93%  92%  | 45%  M. con.  46% 63% 70% 82% 91% 92% 92% 97% 96% 95%  | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92%   | M. sal. 61% 79% 89% 92% 91% 100% 98% 96% 93% 91%  | C. cya<br>64%<br>79%<br>91%<br>100°<br>99%<br>93%<br>95%<br>92%   |
| 100<br>500<br>20<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | 39% - QT 0.75 - Tota Min All 0% 8% 19% 31% 40% 49% 56% 60% 65% 70% 71%  | 53%  E. gra.  45%  57%  66%  70%  75%  80%  81%  86%  87%  87%  94%   | C. pro. 40% 54% 63% 63% 75% 79% 80% 85% 85% 86% 92%  | D. arg. 59% 78% 83% 91% 97% 98% 94% 100% 98% 98%  | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%   | N. ama. 49% 63% 70% 79% 88% 91% 92% 97% 98% 100%   | A. mex. 73% 89% 90% 90% 97% 100% 96% 98% 93% 92%   | 45%  M. con.  46% 63% 70% 82% 91% 92% 92% 95% 99% 98%  | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92%   | M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91%  | C. cya<br>64%<br>79%<br>91%<br>1009<br>99%<br>93%<br>95%<br>92%<br>90%<br>91%   |
| 400<br>6500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65   | 39% - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% 56% 60% 65% 70% 71% 73%   | 53%  E. gra.  45%  57%  66%  70%  77%  75%  80%  81%  86%  87%  87%  94%  93%   | C. pro. 40% 54% 63% 67% 73% 75% 80% 85% 85% 86% 92% 91%  | D. arg. 59% 78% 83% 91% 97% 98% 100% 98% 100%   | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%   | N. ama. 49% 63% 70% 79% 88% 91% 92% 97% 98% 100% 99%   | A. mex. 73% 89% 90% 90% 97% 100% 96% 98% 93% 92% 84%   | M. con. 46% 63% 70% 82% 91% 92% 95% 99% 95% 99%  | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 94% 94%   | M. sal. 61% 79% 89% 92% 91% 100% 98% 96% 93% 91% 92% 91%  | C. cye<br>64%<br>79%<br>91%<br>100°<br>99%<br>93%<br>97%<br>93%<br>95%<br>92%<br>90%  |
| 400<br>6500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70   | 39% - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% 56% 60% 65% 70% 71% 73% 79% 82%   | 53%  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86% 87% 87% 94% 93% 91%   | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 85% 86% 92% 91% 90%  | D. arg. 59% 78% 83% 91% 97% 98% 100% 98% 100% 98%   | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  | N. ama. 49% 63% 70% 79% 88% 91% 92% 97% 98% 100% 99% 96% 97%   | A. mex. 73% 89% 90% 90% 97% 100% 96% 98% 93% 92% 84% 83%   | M. con. 46% 63% 70% 82% 91% 92% 95% 99% 96% 95% 99% 98% 97% 100%   | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 94% 94% 90%   | M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 95% 91% 91% 91%  | C. cya<br>64%<br>79%<br>91%<br>100°<br>99%<br>93%<br>93%<br>95%<br>92%<br>90%<br>91%  |
| ecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | 39% - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% 56% 60% 65% 70% 71% 73% 79% 82% 83%   | 53%  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86% 87% 87% 994% 93% 91%  | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 86% 92% 91% 90%  | D. arg. 59% 78% 83% 91% 97% 98% 100% 98% 100% 98% 98% 100% 96%  | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  85%   | N. ama. 49% 63% 70% 79% 88% 91% 92% 98% 100% 99% 96% 97%   | A. mex. 73% 89% 90% 90% 97% 100% 96% 98% 93% 92% 84% 83%   | M. con. 46% 63% 70% 82% 91% 92% 95% 96% 95% 99% 98% 97% 100%   | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 94% 94% 90% 89%   | M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 92% 91% 90%  | 55%  C. cya 64% 79% 91% 1009 99% 93% 95% 92% 90% 88% 85%  |
| 400<br>600<br>ecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | 39% - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% - 56% 60% 65% 70% 71% 73% 79% 82% 83% 76%   | 53%  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86% 87% 91% 99% 96%   | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 86% 92% 91% 90% 97%  | D. arg. 59% 78% 83% 91% 97% 98% 100% 97% 100% 98% 98% 100% 98% 98% 88%  | 59%  N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  85%  86%   | N. ama. 49% 63% 70% 79% 88% 91% 92% 97% 98% 100% 99% 96% 97% 95% 93%                                   | A. mex. 73% 89% 90% 90% 97% 100% 96% 98% 98% 92% 84% 83% 83%   | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 99% 98% 98%  | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 94% 94% 90% 89%   | 54%  M. sal. 61% 79% 89% 91% 96% 100% 98% 96% 91% 91% 90% 88% 89%   |   |
| 100<br>100<br>100<br>100<br>100<br>100<br>100<br>100   | 39% - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% - 56% 60% 65% 70% 71% 73% 79% 82% 83% 76% 75%   | 53%  E. gra.  45%  57%  66%  70%  77%  75%  80%  81%  86%  87%  91%  99%  96%  95%  | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 86% 91% 90% 97% 96% 96%  | D. arg. 59% 78% 83% 91% 97% 98% 100% 97% 100% 98% 100% 98% 88%  | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  85%  86%  92%   | N. ama. 49% 63% 70% 79% 88% 91% 92% 97% 98% 98% 100% 99% 96% 97% 95% 93% 90%                           | A. mex. 73% 89% 90% 90% 97% 100% 96% 98% 98% 92% 84% 83% 76% 75%   | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 97% 100%   | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 94% 94% 90% 89% 92%   | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 91% 91% 90% 88% 89% 90%   | 55%  C. cya 64% 79% 91% 1009 99% 93% 95% 92% 90% 988% 85% 87%   |
| 100<br>100<br>100<br>100<br>15<br>100<br>15<br>100<br>15<br>200<br>25<br>300<br>35<br>400<br>45<br>50<br>55<br>66<br>65<br>70<br>75<br>80<br>85<br>90  | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  82%  83%  76%  75%  73%   | 53%  al  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86% 87% 91% 99% 96% 95%   | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 85% 86% 92% 91% 90% 96% 96%  | D. arg. 59% 78% 83% 91% 97% 98% 100% 97% 100% 98% 98% 100% 98% 88% 86%  | 59%  N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  85%  86%  92%  | N. ama.  49% 63% 70% 79% 88% 91% 92% 97% 98% 98% 100% 99% 96% 97% 95% 93% 90%                          | A. mex.  73%  89% 90% 90% 97% 100% 96% 98% 98% 93% 92% 84% 83% 76% 75%   | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 97% 100% 99% 98% 94%   | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92% 94% 94% 90% 89% 92% 90%                                 | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 90% 88% 89% 90%   | 55%  C. cya 64% 79% 91% 1009 99% 93% 95% 92% 90% 91% 88% 85% 87%  |
| 100<br>100<br>100<br>100<br>100<br>100<br>100<br>100   | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  83%  76%  75%  73%                                      | 53%  al  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86% 87% 91% 99% 95% 100%  | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 85% 86% 92% 91% 90% 96% 96% 100%   | D. arg. 59% 78% 83% 91% 97% 98% 100% 97% 100% 98% 94% 100% 98% 88% 86%  | 59%  N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  85%  86%  92%  91%   | N. ama.  49% 63% 70% 79% 888% 91% 92% 97% 98% 98% 98% 100% 99% 95% 93% 90% 86% 83%                     | A. mex.  73% 89% 90% 90% 97% 100% 96% 98% 93% 92% 84% 83% 76% 75% 73%  | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 98% 97% 100% 99% 98% 94% 91% 95%   | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92% 94% 94% 90% 89% 92% 90% 87%                             | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 90% 88% 89% 90%   | 55%  C. cya 64% 79% 91% 1009 99% 93% 95% 92% 90% 91% 88% 85% 84%  |
| 400<br>600<br>2<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100   | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  83%  76%  75%  73%  73%  74%                            | 53%  al  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86% 87% 99% 99% 95% 100% 100%   | C. pro.  40% 54% 63% 67% 73% 75% 79% 80% 85% 85% 86% 92% 91% 90% 96% 100%  | D. arg. 59% 78% 83% 91% 97% 98% 100% 97% 100% 98% 98% 86% 84% 82% 81%   | 59%  N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  85%  86%  92%  91%  92%  | N. ama.  49% 63% 70% 79% 888% 91% 92% 97% 98% 98% 100% 99% 96% 97% 95% 93% 90% 86% 83% 81%             | A. mex.  73% 89% 90% 90% 97% 100% 96% 98% 93% 92% 84% 83% 76% 75% 73% 74%  | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 97% 100% 99% 98% 94% 91% 95%   | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92% 92% 94% 94% 90% 89% 92% 89% 89% 86%                     | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 90% 88% 89% 90% 88% 86%                                 | 55%  C. cya 64% 79% 91% 1009 99% 93% 95% 92% 90% 91% 88% 85% 84% 82%  |
| 100<br>100<br>100<br>100<br>100<br>115<br>100<br>115<br>100<br>125<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>10  | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  83%  76%  75%  73%  74%  73%                            | 53%  al  E. gra.  45%  57%  66%  70%  77%  75%  80%  81%  86%  87%  89%  99%  96%  99%  100%  100%  98%                               | C. pro.  40% 54% 63% 67% 73% 75% 79% 80% 85% 86% 92% 91% 90% 97% 96% 96% 100%  | D. arg. 59% 78% 83% 91% 97% 98% 94% 100% 97% 100% 98% 98% 88% 84% 82% 81% 81%   | 59%  N. bra.  0% 8% 19% 31% 40% 49% 56% 60% 65% 70% 71% 73% 82% 86% 92% 91% 92%  | N. ama.  49% 63% 70% 79% 88% 91% 92% 97% 98% 100% 99% 96% 97% 95% 93% 90% 86% 83% 81% 79%              | A. mex.  73% 89% 90% 90% 97% 100% 96% 98% 93% 92% 84% 83% 76% 75% 73% 74% 73%                                      | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 97% 100% 99% 98% 94% 91% 95%   | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92% 94% 94% 90% 89% 92% 92% 87%                             | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 90% 88% 89% 90% 88% 85% 84%                             | C. cya<br>64%<br>79%<br>91%<br>1009<br>99%<br>93%<br>95%<br>92%<br>90%<br>91%<br>88%<br>85%<br>84%<br>82%                             |
| 400<br>500<br>20<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>1100<br>115<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1 | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  83%  76%  75%  73%  74%  73%  73%                       | 53%  al  E. gra.  45%  57%  66%  70%  77%  75%  80%  81%  86%  87%  89%  99%  90%  100%  98%  99%                                     | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 86% 92% 91% 90% 97% 96% 96% 96% 96% 94%                                      | D. arg.  59% 78% 83% 91% 97% 98% 94% 100% 97% 100% 98% 98% 40% 88% 86% 84% 82% 81% 81%  | 59%  N. bra.  0% 8% 19% 31% 40% 49% 56% 60% 65% 70% 71% 73% 79% 82% 91% 92% 94% 95% 100%   | N. ama.  49% 63% 70% 79% 88% 91% 92% 97% 98% 100% 99% 96% 97% 95% 93% 90% 86% 83% 81% 79%              | A. mex.  73%  89%  90%  90%  97%  100%  96%  98%  93%  92%  84%  83%  75%  73%  74%  73%  88%                      | 45%  M. con.  46% 63% 70% 82% 91% 92% 92% 96% 95% 99% 98% 97% 100% 99% 98% 94% 91% 95% 94% 92% 86%   | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92% 94% 90% 89% 92% 94% 89% 89% 78%                         | M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 90% 88% 89% 90% 88% 85% 84% 74%                              | C. cya<br>64%<br>79%<br>91%<br>1009<br>99%<br>93%<br>95%<br>92%<br>90%<br>91%<br>88%<br>85%<br>85%<br>85%<br>84%<br>82%<br>82%<br>76% |
| 400<br>600<br>0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75  | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  83%  76%  75%  73%  73%  74%  73%  73%  74%  73%  71%   | 53%  al  E. gra.  45%  57%  66%  70%  75%  80%  81%  86%  87%  89%  99%  95%  100%  100%  98%  99%  95%                               | C. pro. 40% 54% 63% 63% 63% 75% 79% 80% 85% 86% 92% 91% 90% 97% 96% 96% 96% 96% 94% 92%                                  | D. arg.  59%  78%  83%  91%  97%  98%  94%  100%  98%  100%  98%  100%  98%  100%  98%  100%  98%  100%  98%  100%  98%  100% | 59%  N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  91%  92%  94%  95%  100%  100%                                     | N. ama.  49% 63% 70% 79% 88% 91% 92% 97% 98% 100% 99% 96% 97% 95% 93% 90% 86% 83% 81% 79% 73% 74%      | A. mex.  73%  89%  90%  90%  97%  100%  96%  98%  93%  92%  84%  83%  75%  73%  74%  73%  88%  84%                 | 45%  M. con.  46% 63% 70% 82% 91% 92% 92% 97% 96% 95% 99% 98% 97% 100% 99% 98% 94% 94% 94% 94% 94% 83%                                     | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92% 94% 94% 90% 89% 92% 94% 97% 86% 87% 86% 87% 78%         | M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 90% 88% 89% 90% 88% 85% 84% 74% 71%                          | 55%  C. cya  64% 79% 91% 1009 99% 93% 97% 93% 95% 90% 88% 85% 87% 88% 85% 84% 82% 76%   |
| 400<br>500<br>200<br>15<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>88<br>90<br>99<br>100<br>125<br>100<br>125<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>10   | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  - 66%  60%  65%  70%  71%  73%  79%  82%  83%  76%  73%  73%  74%  73%  73%  74%  73%  71%  63% | 53%  al  E. gra.  45%  57%  66%  70%  77%  75%  80%  81%  86%  87%  94%  93%  91%  99%  96%  95%  100%  100%  98%  99%  95%  33%      | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 86% 92% 91% 90% 96% 96% 96% 96% 96% 96% 96% 96% 96% 96                       | D. arg.  59% 78% 83% 91% 97% 98% 94% 100% 97% 100% 98% 98% 86% 84% 82% 81% 81% 82% 72% 63%  | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  71%  73%  79%  82%  85%  86%  92%  91%  92%  94%  95%  100%  100%                                | 46%  N. ama.  49% 63% 70% 79% 88% 91% 92% 97% 98% 100% 99% 96% 97% 95% 93% 90% 86% 83% 81% 79% 74% 66% | A. mex.  73%  89%  90%  90%  97%  100%  96%  98%  98%  93%  92%  84%  83%  75%  73%  74%  73%  88%  84%  79%       | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 99% 98% 94% 91% 92% 86% 83% 75%  | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92% 94% 94% 90% 88% 92% 97% 86% 87% 78% 74% 64%             | 54%  M. sal.  61%  79%  89%  91%  96%  100%  98%  96%  91%  90%  88%  89%  90%  88%  89%  71%  68%                | 55%  C. cya 64% 79% 1009 99% 93% 97% 93% 95% 92% 90% 88% 85% 84% 82% 82% 82% 82% 82% 65%  |
| 400<br>500<br>20<br>15<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>99<br>1100<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>1150<br>11   | 39%  - QT 0.75 - Total Min All 0% 8% 19% 31% 40% 49% - 56% 60% 65% 70% 71% 73% 79% 82% 83% 76% 75% 73% 74% 73% 74% 73% 74% 73% 71% 63% 61%                  | 53%  al  E. gra.  45%  57%  66%  70%  77%  75%  80%  81%  86%  87%  91%  99%  96%  95%  100%  100%  98%  99%  95%  95%  98%  98%  98% | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 86% 91% 90% 96% 96% 96% 96% 96% 94% 92% 90% 83%                              | D. arg. 59% 78% 83% 91% 97% 98% 100% 97% 100% 98% 100% 98% 86% 84% 82% 81% 81% 82% 72% 63% 61%  | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  85%  86%  92%  91%  92%  91%  92%  91%  92%  94%  95%  100%  100%  98%  | N. ama. 49% 63% 70% 79% 88% 91% 92% 97% 98% 100% 99% 96% 997% 95% 93% 90% 86% 83% 81% 73% 74% 66% 62%  | A. mex.  73%  89% 90% 90% 97% 100% 96% 98% 98% 92% 84% 83% 76% 75% 73% 74% 73% 88% 84% 79% 77%                     | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 97% 100% 99% 98% 94% 91% 95% 94% 91% 95% 94% 91% 95%                             | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 92% 92% 92% 94% 94% 90% 88% 92% 92% 97% 86% 87% 86% 87% 78% 64% 61% | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 91% 90% 88% 89% 90% 88% 89% 71% 68% 67%                         | 55%  C. cya 64% 79% 91% 1009 99% 93% 95% 92% 90% 88% 85% 87% 88% 85% 87% 66%  |
| 400<br>500<br>ecos Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>1100<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>1125<br>11   | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  83%  76%  73%  74%  73%  74%  73%  74%  73%  74%  74    | 53%  al  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86% 87% 91% 99% 95% 100% 100% 98% 99% 95% 100% 100% 98% 99% 95% 100%                | C. pro. 40% 54% 63% 67% 73% 75% 79% 80% 85% 85% 86% 92% 91% 90% 96% 96% 100% 98% 96% 96% 96% 90% 83% 75%                 | D. arg. 59% 78% 83% 91% 97% 98% 94% 100% 97% 100% 98% 98% 100% 96% 92% 88% 86% 84% 82% 81% 81% 81% 82% 72% 63% 61% 59%  | N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  71%  73%  79%  82%  85%  86%  92%  91%  92%  94%  95%  100%  100%  98%  93%                      | N. ama.  49% 63% 70% 79% 88% 91% 92% 97% 98% 96% 99% 96% 99% 96% 83% 81% 79% 74% 66% 62% 63%           | A. mex.  73%  89% 90% 90% 97% 100% 96% 98% 98% 93% 92% 84% 83% 76% 75% 73% 73% 73% 73% 74% 75% 73% 73% 74% 77% 72% | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 97% 100% 99% 98% 94% 91% 95% 94% 95% 94% 95% 94% 95%                             | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 92% 92% 92% 94% 94% 90% 88% 92% 92% 64% 61% 54%                     | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 90% 88% 88% 88% 88% 86% 85% 84% 71% 68% 67% 60%         | 55%  C. cya 64% 79% 91% 1009 99% 93% 95% 92% 90% 88% 85% 87% 88% 85% 87% 66% 66% 56%  |
| 400<br>500<br>ecos Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>66<br>77<br>75<br>80<br>85<br>90<br>95<br>110<br>110<br>110<br>110<br>110<br>110<br>110<br>11  | 39%  - QT 0.75 - Total Min All  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  83%  76%  73%  73%  74%  73%  74%  63%  61%  54%  44%   | 53%  al  E. gra.  45% 57% 66% 70% 77% 75% 80% 81% 86% 87% 87% 94% 93% 91% 99% 95% 100% 100% 98% 99% 95% 100% 100% 98% 99% 95% 100%    | C. pro.  40% 54% 63% 67% 73% 75% 79% 80% 85% 85% 86% 92% 91% 90% 96% 100% 98% 96% 100% 98% 96% 96% 100% 98% 96% 96% 100% | D. arg. 59% 78% 83% 91% 97% 98% 94% 100% 97% 100% 98% 94% 100% 98% 98% 100% 96% 92% 88% 86% 84% 82% 81% 81% 81% 81% 81% 81% 82% 72% 63% 61% 59% 51%   | 59%  N. bra.  0%  8%  19%  31%  40%  49%  56%  60%  65%  70%  71%  73%  79%  82%  85%  86%  92%  91%  92%  94%  95%  100%  100%  100%  98%  93%  85% | N. ama.  49% 63% 70% 79% 88% 91% 92% 97% 98% 96% 93% 90% 86% 83% 81% 79% 73% 74% 66% 62% 63% 56%       | A. mex.  73% 89% 90% 90% 97% 100% 96% 98% 93% 92% 84% 83% 76% 75% 73% 73% 74% 73% 88% 84% 79% 77% 72% 64%          | 45%  M. con.  46% 63% 70% 82% 91% 92% 97% 96% 95% 99% 98% 97% 100% 99% 98% 94% 91% 95% 94% 91% 95% 94% 91% 95% 94% 96% 83% 75% 72% 78% 68% | 39%  L. meg. 60% 84% 96% 99% 90% 97% 100% 99% 96% 92% 92% 92% 94% 94% 94% 94% 94% 64% 64% 64% 64% 64%             | 54%  M. sal. 61% 79% 89% 92% 91% 96% 100% 98% 96% 93% 91% 90% 88% 89% 90% 88% 86% 85% 84% 74% 71% 68% 67% 60% 52% | 55%  C. cya 64% 79% 91% 1009 99% 93% 95% 92% 90% 88% 85% 87%  |

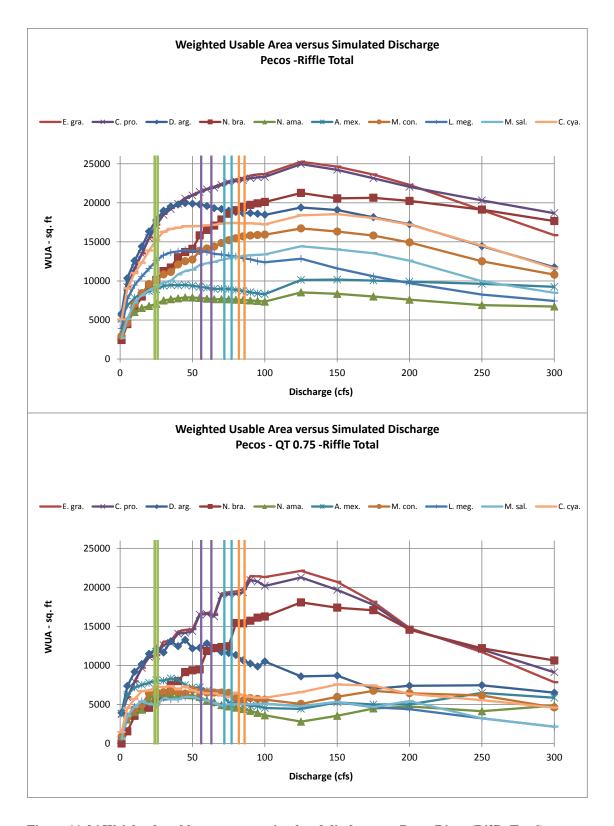


Figure 11-26 Weighted usable area versus simulated discharge at Pecos River (Riffle Total).

Table 11-26 Percent of maximum WUA versus simulated discharge at Pecos River (Riffle Total).

| Pecos ·<br>Q   | Min All   | E. gra.  | C. pro.  | D. arg.   | N. bra.   | N. ama.  | A. mex.  | M. con.  | L. meg.   | M. sal.   | C. cya.   |
|--|---|--|--|---|---|--|--|--|---|---|---|
| 1  | 11%   | 21%  | 21%  | 29%   | 11%   | 38%  | 51%  | 18%  | 28%   | 19%   | 27%   |
| 5  | 21%   | 36%  | 37%  | 52%   | 21%   | 58%  | 68%  | 27%  | 55%   | 35%   | 49%   |
| 10   | 30%   | 46%  | 47%  | 63%   | 30%   | 71%  | 77%  | 42%  | 68%   | 50%   | 59%   |
| 15   | 38%   | 54%  | 54%  | 72%   | 38%   | 77%  | 83%  | 50%  | 76%   | 57%   | 66%   |
| 20   | 44%   | 62%  | 62%  | 82%   | 44%   | 80%  | 85%  | 57%  | 83%   | 61%   | 75%   |
| 25   | 48%   | 68%  | 69%  | 89%   | 48%   | 83%  | 88%  | 60%  | 90%   | 64%   | 82%   |
| 30   | 53%   | 74%  | 74%  | 95%   | 53%   | 88%  | 92%  | 65%  | 95%   | 68%   | 88%   |
| 35   | 55%   | 76%  | 77%  | 98%   | 55%   | 90%  | 93%  | 67%  | 98%   | 69%   | 90%   |
| 40   | 61%   | 79%  | 80%  | 99%   | 61%   | 91%  | 93%  | 72%  | 99%   | 75%   | 91%   |
| 45   | 64%   | 82%  | 82%  | 100%  | 64%   | 92%  | 93%  | 75%  | 100%  | 78%   | 92%   |
| 50   | 66%   | 83%  | 84%  | 100%  | 66%   | 92%  | 92%  | 76%  | 100%  | 79%   | 92%   |
| 55   | 74%   | 85%  | 86%  | 99%   | 74%   | 92%  | 91%  | 83%  | 99%   | 83%   | 92%   |
| 60   | 78%   | 86%  | 87%  | 98%   | 78%   | 91%  | 90%  | 85%  | 98%   | 85%   | 92%   |
| 65   | 80%   | 87%  | 88%  | 97%   | 80%   | 90%  | 88%  | 86%  | 97%   | 86%   | 93%   |
| 70   |   | 89%  | 89%  |   | 84%   | 90%  | 88%  |  | 96%   | 88%   |   |
|  | 84%<br>87%  |  |  | 96%   | 87%   | 90%  | 88%  | 89%  |   |   | 93%   |
| 75   |   | 90%  | 91%  | 95%   |   |  |  | 91%  | 95%   | 89%   | 94%   |
| 80   | 87%   | 91%  | 91%  | 94%   | 90%   | 89%  | 87%  | 92%  | 94%   | 90%   | 94%   |
| 85   | 86%   | 92%  | 92%  | 94%   | 92%   | 89%  | 86%  | 94%  | 93%   | 91%   | 94%   |
| 90   | 84%   | 93%  | 93%  | 94%   | 93%   | 88%  | 84%  | 95%  | 92%   | 92%   | 94%   |
| 95   | 83%   | 94%  | 93%  | 93%   | 94%   | 87%  | 83%  | 95%  | 90%   | 92%   | 93%   |
| 100  | 82%   | 94%  | 93%  | 92%   | 95%   | 86%  | 82%  | 95%  | 89%   | 93%   | 93%   |
| 125  | 92%   | 100%   | 100%   | 97%   | 100%  | 100%   | 100%   | 100%   | 92%   | 100%  | 99%   |
| 150  | 83%   | 97%  | 97%  | 96%   | 97%   | 98%  | 100%   | 98%  | 83%   | 97%   | 100%  |
| 175  | 76%   | 93%  | 93%  | 91%   | 97%   | 94%  | 99%  | 95%  | 76%   | 94%   | 97%   |
| 200  | 70%   | 88%  | 88%  | 86%   | 95%   | 89%  | 97%  | 89%  | 70%   | 87%   | 93%   |
| 250  | 59%   | 75%  | 81%  | 72%   | 90%   | 81%  | 95%  | 75%  | 59%   | 69%   | 78%   |
| 300  | 53%   | 63%  | 75%  | 59%   | 83%   | 79%  | 91%  | 65%  | 53%   | 59%   | 63%   |
|  |   |  | 65%  | 48%   | 76%   | 76%  | 88%  | 56%  | 46%   | 52%   | 51%   |
| 350  | 46%   | 53%  |  |   |   |  |  |  |   |   |   |
| 350<br>400<br>500  | 46%<br>34%<br>26%   | 46%<br>37%   | 58%<br>45%   | 40%<br>35%  | 66%<br>53%  | 73%<br>56%   | 83%<br>70%   | 47%<br>35%   | 34%<br>26%  | 45%<br>30%  | 44%<br>36%  |
| 400<br>500   | 34%   | 46%<br>37%   | 58%  | 40%   | 66%   |  |  |  |   |   |   |
| 400<br>500<br>Pecos  | 34%<br>26%<br>- QT 0.75 -Riffl  | 46%<br>37%<br>le Total   | 58%<br>45%   | 40%<br>35%  | 66%<br>53%  | 56%  | 70%  | 35%  | 26%   | 30%   | 36%   |
| 400<br>500<br>Pecos  | 34%<br>26%<br>- QT 0.75 -Riffl<br>Min All   | 46%<br>37%<br>le Total<br>E. gra.  | 58%<br>45%<br>C. pro.  | 40%<br>35%<br>D. arg.   | 66%<br>53%<br>N. bra.   | 56%<br>N. ama.   | 70%<br>A. mex.   | 35%<br>M. con.   | 26%<br>L. meg.  | 30%<br>M. sal.  | 36%<br>C. cya.  |
| 400<br>500<br>Pecos -<br>Q<br>1  | 34%<br>26%<br>- QT 0.75 -Riffl<br>Min All<br>0%   | 46%<br>37%<br>le Total<br>E. gra.<br>17%   | 58%<br>45%<br>C. pro.<br>18%   | 40%<br>35%<br>D. arg.<br>30%  | 66%<br>53%<br>N. bra.<br>0%   | N. ama.<br>15%   | 70%<br>A. mex.<br>46%  | 35%<br>M. con.<br>13%  | 26%<br>L. meg.<br>11%   | 30%<br>M. sal.<br>11%   | 36%<br>C. cya.<br>20%   |
| 400<br>500<br>Pecos -<br>Q<br>1<br>5   | 34%<br>26%<br>- QT 0.75 -Riffl<br>Min All<br>0%<br>9%   | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%  | 58%<br>45%<br>C. pro.<br>18%<br>28%  | 40%<br>35%<br>D. arg.<br>30%<br>56%   | N. bra.<br>0%<br>9%   | N. ama.<br>15%<br>48%  | 70%  A. mex. 46% 75%   | 35%<br>M. con.<br>13%<br>49%   | 26%  L. meg.  11%  59%  | 30%<br>M. sal.<br>11%<br>59%  | 36%<br>C. cya.<br>20%<br>60%  |
| 400<br>500<br>Pecos -<br>Q<br>1<br>5<br>10   | 34%<br>26%<br>- QT0.75 -Riffl<br>Min All<br>0%<br>9%<br>20%   | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%   | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%  | 0%<br>9%<br>20%   | N. ama.<br>15%<br>48%<br>63%   | 70%  A. mex. 46% 75% 86%   | M. con.<br>13%<br>49%<br>64%   | 26%  L. meg. 11% 59% 79%  | M. sal.<br>11%<br>59%<br>79%  | 20%<br>60%<br>75%   |
| 400<br>500<br>Pecos -<br>Q<br>1<br>5<br>10   | 34%<br>26%<br>- QT 0.75 -Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%   | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%  | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%<br>46%  | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%   | 0%<br>9%<br>20%<br>24%  | N. ama.<br>15%<br>48%<br>63%<br>67%  | 70%  A. mex. 46% 75% 86% 90%   | 35% M. con. 13% 49% 64% 72%  | 26%  L. meg.  11%  59%  79%  91%  | 30% M. sal. 11% 59% 79% 91%   | 20%<br>60%<br>75%<br>89%  |
| 400<br>500<br>Pecos -<br>Q<br>1<br>5<br>10<br>15<br>20   | 34%<br>26%<br>- QT 0.75 - Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%   | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%   | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%<br>46%<br>52%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%  | N. bra.  0% 9% 20% 24% 25%  | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%   | 70%  A. mex. 46% 75% 86% 90% 93%   | 35%  M. con.  13% 49% 64% 72% 93%  | 26%  L. meg.  11%  59%  79%  91%  84%   | 30%  M. sal.  11%  59%  79%  91%  84%   | 20%<br>60%<br>75%<br>89%<br>90%   |
| 400<br>500<br>Pecos -<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   | 34%<br>26%<br>- QT 0.75 - Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%  | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%<br>51%  | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%<br>46%<br>52%<br>53%  | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%   | N. bra.<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%   | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%   | 70%  A. mex.  46%  75%  86%  90%  93%  97%   | M. con.<br>13%<br>49%<br>64%<br>72%<br>93%<br>96%  | 26%  L. meg.  11%  59%  79%  91%  84%  83%  | 30% M. sal. 11% 59% 79% 91% 84% 83%   | 20%<br>60%<br>75%<br>89%<br>90%   |
| 400<br>500<br>Pecos - Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30  | 34%<br>26%<br>QT0.75 -Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%<br>33%   | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%<br>51%  | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%<br>46%<br>52%<br>53%<br>59%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%   | N. bra.<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%   | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%<br>98%  | 70%  A. mex. 46% 75% 86% 90% 93% 97%   | M. con.  13% 49% 64% 72% 93% 96%   | 26%  L. meg. 11% 59% 79% 91% 84% 83% 97%  | 30% M. sal. 11% 59% 79% 91% 84% 83% 97%   | 20%<br>60%<br>75%<br>89%<br>90%<br>96%  |
| 400<br>500<br>Pecos - Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | 34%<br>26%<br>QT 0.75 - Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%<br>33%<br>42%  | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%<br>51%<br>59%<br>60%                                      | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%<br>46%<br>52%<br>53%<br>59%<br>61%  | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%   | N. bra. 0% 9% 20% 24% 25% 31% 33% 42%   | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%<br>98%<br>100%<br>99%   | 70%  A. mex. 46% 75% 86% 90% 93% 97% 100%  | 35%  M. con. 13% 49% 64% 72% 93% 96% 95% 98%   | 26%  L. meg. 11% 59% 79% 91% 84% 83% 97% 95%  | 30% M. sal. 11% 59% 79% 91% 84% 83% 97% 95%   | 20%<br>60%<br>75%<br>89%<br>90%<br>96%<br>95%<br>97%  |
| 400<br>500<br>Pecos -<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | 34%<br>26%<br>- QT 0.75 -Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%<br>33%<br>42%<br>44%  | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%<br>51%<br>59%<br>60%<br>65%                               | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%<br>46%<br>52%<br>53%<br>59%<br>61%<br>66%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%  | N. bra. 0% 9% 20% 24% 25% 31% 33% 42% 44%   | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%<br>98%<br>100%<br>99%<br>99%  | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99%   | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97%  | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  | 20% 60% 75% 89% 90% 96% 95% 97% 92%   |
| 400<br>500<br>Pecos - Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | 34%<br>26%<br>- QT 0.75 -Riffi<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%<br>33%<br>42%<br>44%<br>51%                                 | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%<br>51%<br>59%<br>60%<br>65%<br>66%                        | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%<br>46%<br>52%<br>53%<br>59%<br>61%<br>66%<br>67%  | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%<br>100%  | N. bra.  0%  9%  20%  24%  25%  31%  33%  42%  44%  51%   | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%<br>98%<br>100%<br>99%<br>99%<br>96%   | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 90%   | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93%  | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  | 20% 60% 75% 89% 90% 96% 95% 97%   |
| 400<br>500<br>Pecos - Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | 34%<br>26%<br>- QT 0.75 -Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%<br>33%<br>42%<br>44%<br>51%<br>52%                          | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%<br>51%<br>59%<br>60%<br>65%<br>66%                        | 58%<br>45%<br>C. pro.<br>18%<br>28%<br>37%<br>46%<br>52%<br>53%<br>59%<br>61%<br>66%<br>67%<br>68%                                 | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%<br>100%<br>92%   | N. bra.  0%  9%  20%  24%  25%  31%  33%  42%  44%  51%  52%  | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%<br>98%<br>100%<br>99%<br>99%<br>96%<br>96%                                    | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 90% 86%   | 35%  M. con.  13%  49%  64%  72%  93%  96%  95%  98%  97%  93%  100%   | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  | 20% 60% 75% 89% 90% 95% 97% 92% 97% 90%   |
| 400<br>500<br>Pecos -<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55   | 34%<br>26%<br>- QT 0.75 -Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%<br>33%<br>42%<br>44%<br>51%<br>52%<br>53%                   | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%<br>51%<br>60%<br>65%<br>66%<br>66%<br>75%                 | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 61% 66% 67% 68% 78%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%<br>100%<br>92%   | N. bra.  0%  9%  20%  24%  25%  31%  33%  42%  44%  51%  52%  | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%<br>98%<br>100%<br>99%<br>99%<br>96%<br>96%<br>92%                             | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 90% 86% 86%   | 35%  M. con.  13%  49%  64%  72%  93%  96%  95%  98%  97%  93%  100%   | 26%  L. meg.  11% 59% 91% 84% 83% 97% 95% 100% 100%   | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%   | 20% 60% 75% 89% 90% 96% 95% 97% 92% 97% 90% 87%   |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60  | 34%<br>26%<br>- QT 0.75 -Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%<br>33%<br>42%<br>44%<br>51%<br>52%<br>53%<br>66%            | 46%<br>37%<br>le Total<br>E. gra.<br>17%<br>27%<br>36%<br>44%<br>50%<br>51%<br>60%<br>66%<br>66%<br>66%<br>75%<br>76%          | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 61% 66% 67% 68% 78%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%<br>100%<br>92%<br>92%<br>97%   | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 68%  | N. ama. 15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 92% 86% 83%   | 70%  A. mex. 46% 75% 86% 90% 93% 97% 100% 99% 90% 86% 86% 81%  | M. con. 13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100%   | L. meg. 11% 59% 79% 91% 84% 83% 97% 95% 100% 100% 96% 92% 87%   | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  | 20% 60% 75% 89% 90% 96% 95% 97% 92% 97% 90% 87% 85%   |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65<br>70  | 34%<br>26%<br>QT 0.75 - Riffl<br>Min All<br>0%<br>9%<br>20%<br>24%<br>25%<br>31%<br>33%<br>42%<br>44%<br>51%<br>52%<br>53%<br>66%<br>68%      | 46% 37%  The Total E. gra. 17% 27% 36% 44% 50% 51% 66% 66% 66% 75% 76% 74% 87%   | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 69% 61% 66% 67% 68% 78% 77% 89%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%<br>100%<br>92%<br>92%<br>97%<br>92%<br>88%   | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68%  | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%<br>98%<br>100%<br>99%<br>96%<br>96%<br>92%<br>86%<br>83%<br>76%               | 70%  A. mex.  46%  75%  86%  90%  93%  97%  100%  99%  86%  81%  78%                                   | 35%  M. con.  13%  49%  64%  72%  93%  96%  95%  95%  95%  95%  95%  | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  | 20% 60% 75% 89% 90% 96% 95% 97% 92% 97% 87% 85% 85% 81%   |
| 400<br>500<br>Pecos-<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75  | 34% 26%  -QT0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 42% 44% 51% 52% 53% 66% 68% 68%   | 46% 37%  The Total E. gra. 17% 27% 36% 44% 50% 51% 66% 66% 66% 75% 76% 74% 88%   | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 66% 67% 68% 78% 77% 89% 90%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%<br>100%<br>92%<br>92%<br>97%<br>92%<br>88%<br>87%  | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 69%  | N. ama.<br>15%<br>48%<br>63%<br>67%<br>89%<br>98%<br>100%<br>99%<br>96%<br>96%<br>96%<br>96%<br>86%<br>83%<br>76%<br>74% | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 81% 78% 63%                                     | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 95% 94%   | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  90%  100%  96%  92%  87%  81%  84%                                    | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  95%  100%  100%  96%  92%  87%  81%  84%                              | 36%  C. cya. 20% 60% 75% 89% 90% 96% 95% 97% 92% 97% 87% 85% 85% 81% 78%  |
| 400<br>500<br>Pecos-<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>60<br>65<br>70<br>75<br>80  | 34% 26%  -QT0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 42% 44% 51% 52% 53% 66% 68% 68% 68%   | 46% 37%  The Total E. gra. 17% 27% 36% 44% 50% 51% 66% 66% 66% 75% 76% 74% 88% 88% 88%   | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 61% 66% 67% 68% 78% 78% 79% 90%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%<br>100%<br>92%<br>97%<br>92%<br>88%<br>87%<br>85%  | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 66% 68% 69% 85%  | N. ama. 15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 97% 86% 86% 83% 76% 71%   | A. mex. 46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 81% 78% 63% 62%                                       | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 95% 94% 84%   | 26%  L. meg. 11% 59% 79% 91% 84% 83% 97% 95% 100% 100% 96% 92% 87% 81% 84% 84%  | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%                              | 36%  C. cya. 20% 60% 75% 89% 90% 96% 97% 92% 97% 92% 87% 85% 81% 78% 86%  |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65<br>70<br>75<br>80<br>85  | 34% 26%  -QT 0.75 -Rifft Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 68% 68% 68% 68% 60%  | 46% 37%  le Total E. gra. 17% 27% 36% 44% 50% 51% 59% 60% 65% 66% 75% 76% 74% 87% 88% 88%                                      | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 61% 66% 67% 68% 78% 78% 90% 90% 91%   | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>94%<br>100%<br>92%<br>97%<br>92%<br>88%<br>87%<br>85%  | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 66% 66% 66% 68% 69% 85%  | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 76% 86% 83% 76% 71%  | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 86% 81% 78% 63% 62% 60%                                 | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 95% 94% 84% 80%                                     | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%                              | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%                              | 36%  C. cya. 20% 60% 75% 89% 90% 96% 97% 92% 97% 85% 81% 78% 86% 82%  |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>70<br>75<br>80<br>85<br>90  | 34% 26%  - QT 0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 68% 63% 62%                                       | 46% 37%  le Total E. gra. 17% 27% 36% 44% 50% 51% 69% 66% 75% 66% 76% 74% 87% 88% 88% 89% 97%                                  | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 61% 66% 67% 68% 78% 78% 90% 90% 91% 98%   | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 97% 92% 88% 87% 85% 80% 77%   | N. bra.  0%  9%  20%  24%  25%  31%  33%  42%  44%  51%  66%  66%  68%  69%  85%  87%                                   | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 76% 86% 83% 76% 71% 68% 65%  | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 86% 81% 78% 63% 62% 60% 58%                             | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 94% 84% 80% 84%                                     | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  96%  92%  87%  81%  84%  84%  84%                               | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  96%  92%  87%  81%  84%  84%  84%                               | 36%  C. cya. 20% 60% 75% 89% 90% 96% 97% 92% 97% 92% 97% 85% 81% 78% 86% 82% 79%                                  |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | 34% 26%  - QT 0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 68% 68% 68% 68% 68% 68%                                       | 46% 37%  le Total E. gra. 17% 27% 36% 44% 50% 51% 69% 65% 66% 75% 74% 87% 88% 88% 89% 97%                                      | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 61% 66% 67% 68% 78% 78% 90% 90% 91% 98%   | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 92% 988% 87% 85% 80% 77%  | N. bra.  0%  9%  20%  24%  25%  31%  33%  42%  44%  51%  66%  68%  68%  68%  85%  85%  87%                              | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 76% 83% 76% 71% 68% 65% 61%  | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 86% 86% 86% 60% 58%                             | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 95% 94% 84% 80% 84% 83%                             | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  96%  92%  87%  81%  84%  84%  84%  84%                          | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  81%  84%  84%  84%  84%  84%                    | 36%  C. cya. 20% 60% 75% 89% 90% 96% 97% 92% 97% 92% 97% 85% 81% 78% 86% 82% 79%                                  |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100   | 34% 26%  - QT 0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 68% 66% 68% 68% 63% 62% 60% 58% 58%                           | 46% 37%  le Total E. gra. 17% 27% 36% 44% 50% 51% 69% 65% 66% 75% 76% 74% 87% 88% 88% 89% 97% 97%                              | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 61% 66% 67% 68% 78% 78% 90% 90% 91% 98% 98%   | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 97% 92% 88% 87% 85% 80% 77% 74%   | N. bra.  0%  9%  20%  24%  25%  31%  33%  42%  44%  51%  52%  66%  68%  69%  85%  87%  89%  90%                         | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 92% 86% 83% 76% 71% 68% 65% 61% 56%  | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 81% 78% 63% 62% 60% 58% 55%                     | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 95% 94% 84% 80% 84% 83% 82%                         | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%               | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%               | 36%  C. cya. 20% 60% 75% 89% 90% 95% 97% 92% 97% 85% 81% 78% 86% 82% 79% 77% 78%                                  |
| 400<br>500<br>Peccos Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125   | 34% 26%  - QT 0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 68% 66% 68% 68% 68% 68% 68% 68% 68                            | 46% 37%  le Total E. gra. 17% 27% 36% 44% 50% 51% 60% 65% 66% 66% 75% 74% 87% 88% 88% 89% 97% 96% 100%                         | 58% 45%  C. pro.  18% 28% 37% 46% 52% 53% 61% 66% 67% 68% 78% 77% 89% 90% 91% 98% 98% 95% 100%                                     | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 92% 97% 92% 88% 87% 85% 80% 77% 74% 79% 65%   | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 68% 68% 69% 85% 85% 87% 89% 90% 100%                             | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 92% 86% 83% 76% 71% 68% 65% 61% 56% 44%                                    | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 86% 86% 86% 81% 78% 63% 62% 60% 58% 55% 53%     | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 95% 95% 95% 95% 95% 95% 94% 84% 80% 84% 83% 82% 74%                          | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84      | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84      | 36%  C. cya. 20% 60% 75% 89% 90% 96% 97% 92% 97% 90% 87% 85% 81% 78% 86% 82% 79% 77% 78% 87%                      |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>55<br>60<br>65<br>70<br>75<br>80<br>90<br>95<br>100<br>125<br>100<br>15<br>100<br>15<br>100<br>100<br>100<br>100  | 34% 26%  -QT0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 68% 68% 63% 62% 60% 58% 55% 44%                     | 46% 37%  de Total E. gra.  17% 27% 36% 44% 50% 51% 59% 60% 66% 66% 75% 74% 87% 88% 88% 89% 97% 96% 100% 94%                    | 58% 45%  C. pro.  18% 28% 37% 46% 52% 53% 59% 61% 66% 67% 68% 78% 77% 89% 90% 91% 98% 98% 98% 98% 93%                              | 40%<br>35%<br>D. arg.<br>30%<br>56%<br>69%<br>77%<br>87%<br>91%<br>88%<br>99%<br>92%<br>92%<br>92%<br>92%<br>92%<br>88%<br>87%<br>85%<br>80%<br>77%<br>74%<br>79%<br>65%<br>66% | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 68% 68% 69% 85% 87% 89% 90% 100% 96%                             | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 74% 71% 68% 65% 61% 55%  | 70%  A. mex.  46% 75% 86% 90% 93% 97% 97% 100% 99% 90% 86% 81% 78% 63% 62% 60% 58% 55% 53% 63%         | M. con.  13% 49% 64% 72% 93% 96% 95% 95% 95% 95% 95% 95% 95% 95% 94% 84% 80% 84% 83% 82% 74%                           | 26%  L. meg.  11%  59%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84           | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84      | 36%  C. cya. 20% 60% 75% 89% 90% 96% 95% 97% 92% 97% 85% 85% 81% 78% 86% 82% 79% 77% 78% 87%                      |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>125<br>100<br>115<br>100<br>115<br>100<br>115<br>100<br>115<br>100<br>100   | 34% 26%  - QTO.75 - Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 68% 68% 68% 68% 68% 65% 55% 44% 55% 53%           | 46% 37%  The Total E. gra. 17% 27% 36% 44% 50% 51% 66% 66% 75% 76% 74% 88% 88% 97% 97% 96% 100% 94% 82%                        | 58% 45%  C. pro.  18% 28% 37% 46% 52% 53% 59% 61% 66% 67% 68% 78% 77% 89% 90% 90% 91% 98% 98% 98% 98% 98% 98%                      | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 92% 97% 92% 88% 87% 85% 80% 77% 74% 79% 65% 66% 53%   | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 69% 85% 85% 87% 89% 90% 100% 94%                     | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 66% 61% 65% 61% 55% 70%  | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 86% 81% 78% 63% 62% 60% 58% 55% 53% 63% 60%     | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 95% 94% 84% 80% 84% 80% 84% 82% 74% 87% 98%         | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84      | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84            | 36%  C. cya. 20% 60% 75% 89% 90% 96% 95% 97% 92% 87% 85% 81% 78% 86% 82% 79% 78% 87% 100% 98%                     |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>15<br>20<br>25<br>100<br>15<br>100<br>100<br>100<br>100<br>100<br>100                              | 34% 26%  -QT0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 68% 68% 68% 68% 65% 55% 544% 55% 53% 56%            | 46% 37%  de Total E. gra. 17% 27% 36% 44% 50% 51% 59% 60% 65% 66% 75% 74% 87% 88% 88% 89% 97% 97% 97% 94% 82% 67%              | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 59% 61% 66% 67% 68% 78% 77% 89% 90% 91% 98% 90% 91% 98% 98% 95% 100% 93% 84%              | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 92% 97% 92% 88% 87% 85% 80% 77% 74% 79% 65% 66% 53% 56%   | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 69% 85% 87% 89% 90% 100% 96% 94% 81%                     | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 96% 61% 65% 61% 55% 70% 74%  | 70%  A. mex. 46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 81% 78% 63% 62% 60% 58% 53% 63% 60% 60%          | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 94% 84% 80% 84% 84% 80% 84% 84% 89%                 | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  90%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84       | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84 | 36%  C. cya. 20% 60% 75% 89% 90% 96% 97% 92% 97% 92% 87% 85% 81% 78% 86% 82% 79% 77% 78% 87% 100% 98% 84%         |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>67<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 | 34% 26%  -QT0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 68% 68% 68% 68% 68% 63% 62% 55% 44% 55% 53% 56% 53% | 46% 37%  de Total E. gra. 17% 27% 36% 44% 50% 51% 59% 60% 65% 66% 75% 74% 87% 88% 88% 89% 97% 91% 90% 100% 94% 82% 67% 53%     | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 59% 61% 66% 67% 68% 78% 78% 90% 90% 91% 98% 90% 91% 98% 95% 100% 93% 84% 69% 57%          | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 97% 92% 88% 87% 85% 80% 77% 65% 66% 53% 56%   | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 53% 66% 68% 69% 85% 87% 89% 100% 96% 94% 81% 68%                         | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 96% 61% 55% 61% 55% 70% 74% 64%                                    | A. mex. 46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 81% 78% 63% 62% 60% 58% 55% 53% 63% 60% 60% 78%       | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 94% 84% 80% 84% 83% 82% 74% 88%                     | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84 | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84      | 36%  C. cya. 20% 60% 75% 89% 90% 96% 97% 92% 97% 92% 77% 90% 85% 81% 78% 86% 82% 79% 77% 100% 98% 84% 73%         |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>67<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>115<br>200<br>25<br>25<br>200<br>25<br>200<br>25<br>200<br>25<br>200<br>200                        | 34% 26%  -QT 0.75 -Rifft Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 66% 68% 66% 68% 68% 63% 62% 60% 58% 55% 44% 55% 53% 55% 54% 55%    | 46% 37%  le Total E. gra. 17% 27% 36% 44% 50% 51% 59% 60% 65% 66% 75% 76% 74% 88% 88% 89% 97% 97% 96% 100% 94% 82% 67% 53% 35% | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 59% 61% 66% 67% 68% 78% 78% 90% 90% 91% 98% 99% 90% 91% 98% 95% 100% 93% 844% 69% 57% 43% | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 97% 92% 88% 87% 85% 80% 77% 79% 66% 53% 56% 49%   | 66% 53%  N. bra. 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 69% 85% 87% 89% 90% 100% 96% 94% 81% 68% 59% | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 86% 86% 61% 55% 61% 55% 74% 64% 75%                                | 70%  A. mex.  46% 75% 86% 90% 93% 97% 100% 99% 90% 86% 81% 78% 63% 62% 60% 58% 55% 53% 63% 60% 60% 78% | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 94% 84% 80% 84% 80% 84% 82% 74% 87% 98% 94% 89% 67% | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84      | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84      | 36%  C. cya. 20% 60% 75% 89% 90% 96% 95% 97% 92% 97% 85% 81% 78% 85% 81% 78% 86% 82% 79% 77% 100% 98% 84% 73% 61% |
| 400<br>500<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>67<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 | 34% 26%  -QT0.75 -Riffl Min All 0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 52% 53% 66% 68% 68% 68% 68% 68% 68% 68% 63% 62% 55% 44% 55% 53% 56% 53% | 46% 37%  de Total E. gra. 17% 27% 36% 44% 50% 51% 59% 60% 65% 66% 75% 74% 87% 88% 88% 89% 97% 91% 90% 100% 94% 82% 67% 53%     | 58% 45%  C. pro. 18% 28% 37% 46% 52% 53% 59% 61% 66% 67% 68% 78% 78% 90% 90% 91% 98% 90% 91% 98% 95% 100% 93% 84% 69% 57%          | 40% 35%  D. arg. 30% 56% 69% 77% 87% 91% 88% 99% 94% 100% 92% 97% 92% 88% 87% 85% 80% 77% 65% 66% 53% 56%   | N. bra.  0% 9% 20% 24% 25% 31% 33% 42% 44% 51% 53% 66% 68% 69% 85% 87% 89% 100% 96% 94% 81% 68%                         | N. ama.  15% 48% 63% 67% 89% 98% 100% 99% 96% 96% 96% 96% 61% 55% 61% 55% 70% 74% 64%                                    | A. mex. 46% 75% 86% 90% 93% 97% 100% 99% 86% 86% 81% 78% 63% 62% 60% 58% 55% 53% 63% 60% 60% 78%       | 35%  M. con.  13% 49% 64% 72% 93% 96% 95% 98% 97% 93% 100% 95% 95% 94% 84% 80% 84% 83% 82% 74% 88%                     | 26%  L. meg.  11%  59%  79%  91%  84%  83%  97%  95%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84 | 30%  M. sal.  11%  59%  79%  91%  84%  83%  97%  95%  100%  100%  96%  92%  87%  81%  84%  84%  84%  84%  84%  84%  84      | 36%  C. cya. 20% 60% 75% 89% 90% 96% 95% 97% 92% 97% 85% 81% 78% 85% 81% 78% 86% 82% 79% 100% 98% 84% 73%         |

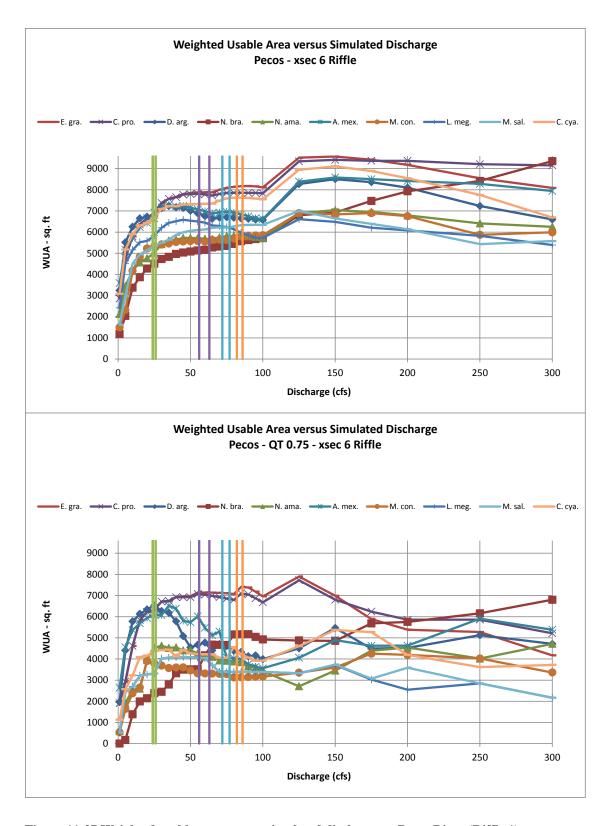


Figure 11-27 Weighted usable area versus simulated discharge at Pecos River (Riffle 1).

Table 11-27 Percent of maximum WUA versus simulated discharge at Pecos River (Riffle 1).

| Pecos<br>Q   | - xsec 6 Riffle<br>Min All   | E. gra.   | C. pro.   | D. arg.  | N. bra.  | N. ama.   | A. mex.   | M. con.   | L. meg.  | M. sal.  | C. cya.   |
|--|--|---|---|--|--|---|---|---|--|--|---|
| 1  | 16%  | 30%   | 30%   | 38%  | 16%  | 30%   | 42%   | 22%   | 37%  | 23%  | 34%   |
| 5  | 27%  | 50%   | 51%   | 65%  | 27%  | 49%   | 60%   | 34%   | 68%  | 43%  | 57%   |
| 10   | 45%  | 61%   | 62%   | 74%  | 45%  | 59%   | 67%   | 60%   | 78%  | 65%  | 65%   |
| 15   | 52%  | 66%   | 68%   | 78%  | 52%  | 65%   | 73%   | 70%   | 84%  | 71%  | 69%   |
| 20   | 57%  | 70%   | 71%   | 79%  | 57%  | 68%   | 75%   | 76%   | 84%  | 74%  | 71%   |
| 25   | 60%  | 72%   | 73%   | 80%  | 60%  | 71%   | 78%   | 77%   | 88%  | 76%  | 73%   |
| 30   | 63%  | 77%   | 78%   | 84%  | 63%  | 77%   | 83%   | 78%   | 94%  | 79%  | 78%   |
| 35   | 65%  | 79%   | 80%   | 85%  | 65%  | 80%   | 85%   | 79%   | 97%  | 81%  | 79%   |
| 40   | 66%  | 80%   | 81%   | 84%  | 66%  | 80%   | 84%   | 80%   | 99%  | 84%  | 79%   |
| 45   | 67%  | 82%   | 83%   | 84%  | 67%  | 81%   | 84%   | 81%   | 100%   | 86%  | 80%   |
| 50   | 68%  | 82%   | 83%   | 82%  | 68%  | 81%   | 83%   | 81%   | 99%  | 87%  | 80%   |
| 55   | 69%  | 82%   | 83%   | 81%  | 69%  | 81%   | 82%   | 81%   | 98%  | 87%  | 80%   |
| 60   | 69%  | 82%   | 83%   | 79%  | 69%  | 81%   | 81%   | 80%   | 98%  | 88%  | 81%   |
| 65   | 71%  | 82%   | 82%   | 78%  | 71%  | 81%   | 80%   | 82%   | 95%  | 89%  | 81%   |
| 70   | 71%  | 84%   | 83%   | 79%  | 71%  | 82%   | 81%   | 82%   | 95%  | 89%  | 82%   |
| 75   | 72%  | 85%   | 83%   | 79%  | 72%  | 83%   | 81%   | 82%   | 94%  | 89%  | 83%   |
| 80   | 73%  | 85%   | 83%   | 79%  | 73%  | 83%   | 81%   | 83%   | 93%  | 90%  | 84%   |
| 85   | 75%  | 85%   | 83%   | 78%  | 75%  | 83%   | 80%   | 84%   | 90%  | 90%  | 84%   |
| 90   | 75%  | 85%   | 83%   | 78%  | 75%  | 82%   | 79%   | 84%   | 88%  | 91%  | 84%   |
| 95   | 76%  | 85%   |   | 78%  | 76%  | 82%   | 78%   | 85%   |  | 91%  | 83%   |
|  |  |   | 83%   |  |  |   |   |   | 87%<br>97%   |  |   |
| 100<br>125   | 76%<br>91%   | 85%<br>99%  | 83%<br>99%  | 77%<br>97%   | 76%<br>91%   | 81%<br>98%  | 77%<br>98%  | 85%<br>100%   | 87%<br>100%  | 91%<br>100%  | 83%<br>98%  |
| 150  | 93%  | 100%  | 100%  | 100%   | 93%  | 100%  | 100%  | 99%   | 98%  | 95%  | 100%  |
| 175  | 91%  | 98%   | 100%  | 98%  | 100%   | 99%   | 99%   | 100%  | 94%  | 91%  | 98%   |
| 200  | 88%  | 96%   | 100%  | 95%  | 106%   | 97%   | 98%   | 98%   | 92%  | 88%  | 94%   |
| 250  | 78%  | 89%   | 98%   | 85%  | 113%   | 91%   | 96%   | 85%   | 88%  | 78%  | 85%   |
| 300  | 73%  | 84%   | 97%   | 78%  | 125%   | 89%   | 93%   | 87%   | 81%  | 80%  | 73%   |
|  | 7570   |   | 94%   | 72%  | 127%   | 85%   | 90%   | 84%   | 70%  | 76%  | 67%   |
|  | 670/   |   |   |  |  | 0370  | 90%   | 0470  | 70%  | 70%  | 0776  |
| 350  | 67%  | 79%   |   |  |  | 020/  | 0.60/   | 700/  | EEO/   | 600/   | 620/  |
|  | 67%<br>55%<br>44%  | 79%<br>74%<br>69%   | 89%<br>78%  | 65%<br>58%   | 123%<br>117%   | 83%<br>64%  | 86%<br>75%  | 78%<br>66%  | 55%<br>44%   | 68%<br>51%   | 63%<br>53%  |
| 350<br>400<br>500  | 55%  | 74%<br>69%  | 89%   | 65%  | 123%   |   |   |   |  |  |   |
| 350<br>400<br>500<br>Pecos   | 55%<br>44%<br>- QT 0.75 - xse  | 74%<br>69%<br>ec 6 Riffle   | 89%<br>78%  | 65%<br>58%   | 123%<br>117%   | 64%   | 75%   | 66%   | 44%  | 51%  | 53%   |
| 350<br>400<br>500<br>Pecos<br>Q  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All   | 74%<br>69%<br>ec 6 Riffle<br>E. gra.  | 89%<br>78%<br>C. pro.   | 65%<br>58%<br>D. arg.  | 123%<br>117%<br>N. bra.  | 64%<br>N. ama.  | 75%<br>A. mex.  | 66%<br>M. con.  | 44%<br>L. meg.   | 51%<br>M. sal.   | 53%<br>C. cya.  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1   | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%   | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%   | 89%<br>78%<br>C. pro.<br>25%  | 65%<br>58%<br>D. arg.<br>30%   | 123%<br>117%<br>N. bra.<br>0%  | N. ama.<br>13%  | 75%<br>A. mex.<br>40%   | M. con.   | 44%<br>L. meg.<br>13%  | 51%<br>M. sal.<br>13%  | C. cya.   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%   | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%  | 89%<br>78%<br>C. pro.<br>25%<br>38%   | 65%<br>58%<br>D. arg.<br>30%<br>67%  | 123%<br>117%<br>N. bra.<br>0%<br>3%  | N. ama.<br>13%<br>41%   | 75%  A. mex. 40% 70%  | M. con.<br>13%<br>38%   | 44%<br>L. meg.<br>13%<br>61%   | 51%<br>M. sal.<br>13%<br>61%   | C. cya. 21% 48%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%  | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%   | 89%<br>78%<br>C. pro.<br>25%<br>38%<br>60%  | 05%<br>58%<br>D. arg.<br>30%<br>67%<br>88%   | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%   | N. ama.<br>13%<br>41%<br>55%  | 75%  A. mex. 40% 70% 82%  | M. con.<br>13%<br>38%<br>56%  | L. meg.<br>13%<br>61%<br>66%   | M. sal.<br>13%<br>61%<br>66%   | 53%<br>C. cya.<br>21%<br>48%<br>60%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%   | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%  | 89%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%   | 05%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%  | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%  | N. ama.<br>13%<br>41%<br>55%<br>56%   | 75%  A. mex. 40% 70% 82% 87%  | M. con.<br>13%<br>38%<br>56%<br>62%   | L. meg.<br>13%<br>61%<br>66%<br>79%  | M. sal.<br>13%<br>61%<br>66%<br>79%  | C. cya. 21% 48% 60% 76%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%  | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%  | 89%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%  | D. arg. 30% 67% 88% 94% 97%  | N. bra.  0% 3% 24% 35% 38%   | N. ama.<br>13%<br>41%<br>55%<br>56%<br>86%  | 75%  A. mex. 40% 70% 82% 87% 91%  | M. con.<br>13%<br>38%<br>56%<br>62%<br>92%  | L. meg.<br>13%<br>61%<br>66%<br>79%<br>80%   | M. sal.<br>13%<br>61%<br>66%<br>79%<br>80%   | C. cya. 21% 48% 60% 76% 77%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%   | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%  | 89%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%  | 55%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%   | N. bra.  0% 3% 24% 35% 38% 42%   | N. ama.<br>13%<br>41%<br>55%<br>56%<br>86%<br>98%   | 75%  A. mex.  40%  70%  82%  87%  91%  94%  | M. con. 13% 38% 56% 62% 92% 89%   | L. meg.<br>13%<br>61%<br>66%<br>79%<br>80%<br>81%  | M. sal.<br>13%<br>61%<br>66%<br>79%<br>80%<br>81%  | C. cya. 21% 48% 60% 76% 77% 81%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30  | 55%<br>44%<br>QT 0.75 - xsee<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%   | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%   | 89%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%   | 65%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%   | N. bra. 0% 3% 24% 35% 38% 42%  | N. ama.<br>13%<br>41%<br>55%<br>56%<br>86%<br>98%<br>100%   | 75%  A. mex. 40% 70% 82% 87% 91% 94% 93%  | M. con. 13% 38% 56% 62% 92% 89%   | L. meg.<br>13%<br>61%<br>66%<br>79%<br>80%<br>81%  | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98%  | C. cya.<br>21%<br>48%<br>60%<br>76%<br>77%<br>81%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | 55%<br>44%<br>- QT 0.75 - xsee<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%  | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%<br>85%                                    | 89%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>87%   | 0.5%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%  | N. bra. 0% 3% 24% 35% 38% 42% 43% 49%  | N. ama.<br>13%<br>41%<br>55%<br>86%<br>98%<br>100%<br>98%   | 75%  A. mex. 40% 70% 82% 87% 91% 94% 93% 100%   | M. con. 13% 38% 56% 62% 92% 89% 87% 84%   | L. meg.<br>13%<br>61%<br>66%<br>79%<br>80%<br>81%<br>98%<br>99%  | 51%  M. sal.  13%  61%  66%  79%  80%  81%  98%  99%   | C. cya. 21% 48% 60% 76% 77% 81% 82% 83%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%  | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%<br>85%<br>88%                             | 89%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>90%   | 65%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%  | N. bra. 0% 3% 24% 35% 38% 42% 43% 49%  | N. ama.  13% 41% 55% 86% 98% 100% 98% 98%   | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85%  | L. meg.<br>13%<br>61%<br>66%<br>79%<br>80%<br>81%<br>98%<br>99%<br>100%                                    | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100%   | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%                                     | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%<br>85%<br>88%<br>88%                      | 89%<br>78%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>90%<br>90%   | 55%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>78%   | N. bra.  0% 3% 24% 35% 38% 42% 43% 49% 59% 61%   | N. ama.  13% 41% 55% 86% 98% 100% 98% 98% 95%   | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85%  | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100%   | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100%  | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%                              | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%<br>85%<br>88%<br>88%                      | 89%<br>78%<br>78%<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>90%<br>90%  | D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 78%   | N. bra.  0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62%   | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95%   | 75%  A. mex.  40%  70%  82%  87%  91%  94%  93%  100%  98%  89%  88%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 85% 81%  | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100%   | M. sal. 13% 61% 66% 79% 80% 81% 98% 99% 100% 100%  | C. cya. 21% 48% 60% 77% 81% 82% 83% 77% 82% 79%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%                              | 74%<br>69%<br>cc 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%<br>85%<br>88%<br>88%<br>90%               | 89%<br>78%<br>78%<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>90%<br>90%<br>90%   | 55%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>78%<br>70%  | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%   | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 98% 95% 95%   | 75%  A. mex.  40%  70%  82%  87%  91%  94%  93%  100%  98%  89%  88%  92%   | M. con. 13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78%   | L. meg. 13% 61% 66% 79% 80% 81% 98% 100% 100% 100%   | M. sal. 13% 61% 66% 79% 80% 81% 98% 100% 100% 100%   | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>62%<br>73%                | 74%<br>69%<br>cc 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%<br>85%<br>88%<br>88%<br>90%<br>90%        | 89% 78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 90% 90% 90% 91%  | D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 70% 71% 73%   | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>73%  | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95% 95% 92% 89%   | 75%  A. mex. 40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 92% 84%   | M. con. 13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78%   | L. meg. 13% 61% 66% 79% 80% 81% 98% 100% 100% 100% 99%   | M. sal. 13% 61% 66% 79% 80% 81% 99% 100% 100% 99% 99%  | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79%   |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66   | 55%<br>44%<br>- QT 0.75 - xse<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>61%<br>62%<br>62%<br>62%<br>67%                | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%<br>85%<br>88%<br>88%<br>90%<br>90%        | 89%<br>78%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>90%<br>90%<br>90%<br>91%<br>90%                      | 65%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>70%<br>71%<br>73%<br>67%  | N. bra.  0% 3% 24% 35% 38% 42% 43% 49% 61% 62% 62% 73% 82%   | N. ama.  13% 41% 55% 86% 98% 100% 98% 95% 95% 95% 95% 89% 89%   | 75%  A. mex. 40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 92% 84% 79%   | M. con. 13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78%   | L. meg. 13% 61% 66% 79% 80% 81% 99% 100% 100% 99% 99% 90%  | M. sal. 13% 61% 66% 79% 80% 81% 98% 100% 100% 99% 99% 90%  | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79%   |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70   | 55%<br>44%<br>- QT 0.75 - xsee<br>Min All<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>61%<br>62%<br>62%<br>62%<br>73%<br>67%<br>72% | 74%<br>69%<br>ec 6 Riffle<br>E. gra.<br>24%<br>37%<br>58%<br>74%<br>79%<br>80%<br>85%<br>88%<br>88%<br>88%<br>90%<br>90%<br>90% | 89%<br>78%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>87%<br>90%<br>90%<br>90%<br>90%<br>90%               | 65%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>70%<br>71%<br>73%<br>67%  | N. bra.  0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 62% 73% 82%   | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95% 95% 95% 89% 89% 89%   | 75%  A. mex. 40% 70% 82% 87% 91% 94% 93% 100% 98% 88% 92% 84% 79% 81%   | M. con. 13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78%   | L. meg. 13% 61% 66% 79% 80% 81% 98% 100% 100% 99% 90% 83%  | M. sal. 13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 90% 83%                                      | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 829 79% 79% 79% 79%   |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75   | 55% 44%  -QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 61% 62% 62% 73% 67% 72% 63%   | 74% 69% ec 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90%   | 89%<br>78%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>87%<br>90%<br>90%<br>90%<br>90%<br>90%<br>90%<br>89% | 55%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>78%<br>71%<br>67%<br>72%<br>71%                                     | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>61%<br>62%<br>62%<br>73%<br>82%<br>82%  | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95% 95% 95% 89% 89% 85% 85%                                       | 75%  A. mex.  40%  70%  82%  87%  91%  94%  93%  100%  98%  89%  88%  92%  84%  79%  81%  63%   | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 78%  | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83%   | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83%                                | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 79% 76% 76%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | 55% 44%  - QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 62% 73% 66% 72% 63% 62%  | 74% 69% ec 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90% 90%   | 89%<br>78%<br>78%<br>C. pro.<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>90%<br>90%<br>90%<br>90%<br>90%<br>90%<br>89%<br>88% | 55%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>78%<br>71%<br>67%<br>71%<br>67%                                     | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>61%<br>62%<br>62%<br>73%<br>82%<br>82%<br>91%   | N. ama.  13% 41% 55% 86% 98% 100% 98% 95% 95% 95% 89% 89% 85% 85% 84%                                       | 75%  A. mex.  40%  70%  82%  87%  91%  94%  93%  100%  98%  89%  88%  92%  84%  79%  81%  63%  62%                                    | M. con. 13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 78% 78%   | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83%                                     | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83%                            | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 79% 76% 85%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85  | 55% 44%  - QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 62% 63% 62% 61%  | 74% 69% ec 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90% 90% 94%   | 89%<br>78%<br>78%<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>90%<br>90%<br>90%<br>90%<br>90%<br>89%<br>88%                   | 65% 58%  D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 78% 71% 67% 66%  | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>62%<br>73%<br>82%<br>82%<br>82%<br>91%   | N. ama.  13% 41% 55% 86% 98% 100% 98% 98% 95% 95% 89% 89% 89% 85% 84% 83%                                   | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 92% 84% 79% 81% 63% 62% 61%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 78% 78% 74%                                      | 13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83%  | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 90% 83% 83% 83% 83%                        | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 79% 79% 76% 85%                                     |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | 55% 44%  - QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 67% 72% 63% 62% 61% 58%  | 74% 69% ec 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90% 90% 94% 93%                                     | 89%<br>78%<br>78%<br>25%<br>38%<br>60%<br>76%<br>81%<br>82%<br>87%<br>90%<br>90%<br>90%<br>90%<br>90%<br>90%<br>89%<br>88%            | 65% 58%  D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 78% 71% 67% 71% 67% 66% 63%  | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>82%<br>82%<br>82%<br>81%<br>91%<br>91%   | N. ama.  13% 41% 55% 86% 98% 100% 98% 95% 95% 95% 89% 89% 89% 89% 89% 89% 89% 89%                           | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 92% 61% 63% 61% 58%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 85% 87% 78% 78% 78% 74%                                      | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83% 83% 83%                             | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 90% 83% 83% 83% 83%                        | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 76% 76% 85%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | 55% 44%  - QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 62% 67% 72% 63% 62% 61% 58%  | 74% 69%  ac 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 85% 88% 88% 90% 90% 90% 90% 90% 91%                                    | 89% 78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 90% 90% 90% 90% 91% 90% 91% 89% 88%  | 65% 58%  D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 78% 71% 67% 66% 63% 64%  | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>62%<br>62%<br>62%<br>82%<br>82%<br>82%<br>91%<br>91%<br>91%<br>89%  | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95% 95% 95% 95% 89% 89% 89% 89% 85% 84% 83% 79%                   | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 62% 61% 58% 56%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 78% 74% 74%                                      | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 100% \$34% 83% 83% 83% 83% 83% 83%                      | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 100% 99% 83% 83% 83% 83% 83% 83%               | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 79% 76% 85% 76% 76% 75%                             |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100   | 55% 44%  - QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 62% 62% 62% 62% 63% 62% 61% 58% 56% 55%                              | 74% 69%  ac 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90% 90% 90% 91% 88%                                | 89% 78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 90% 90% 90% 91% 90% 91% 89% 88% 92% 91% 89% 86%  | 55%<br>58%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>70%<br>71%<br>67%<br>67%<br>66%<br>63%<br>64%<br>61%         | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>62%<br>73%<br>82%<br>82%<br>82%<br>91%<br>91%<br>91%<br>89%<br>87%   | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95% 95% 95% 89% 85% 84% 83% 79% 78%                               | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 92% 84% 79% 81% 63% 62% 61% 58% 55%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 78% 74% 74% 74%                                  | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 100% \$99% \$33% 83% 83% 83% 83% 83%                    | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83%           | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 76% 76% 76% 76% 73% 73%                             |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125                                   | 55% 44%  - QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 62% 67% 72% 63% 66% 55% 59%  | 74% 69% E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90% 90% 91% 88% 100%  | 89% 78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 90% 90% 90% 91% 90% 89% 88% 92% 91% 89% 86% 100%   | 55%<br>58%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>70%<br>71%<br>67%<br>67%<br>66%<br>63%<br>64%<br>61%         | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>62%<br>73%<br>82%<br>82%<br>82%<br>91%<br>91%<br>89%<br>87%<br>86%   | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95% 95% 95% 92% 89% 85% 85% 84% 83% 79% 78% 74%                   | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 92% 84% 79% 81% 63% 62% 61% 58% 56% 55% 62%                                | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 78% 74% 74% 74% 74% 79%                          | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83%                | M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83%            | C. cya. 21% 48% 60% 76% 77% 81% 82% 79% 79% 79% 76% 76% 85% 79% 76% 85% 73% 86%                             |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150                            | 55% 44%  -QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 61% 62% 62% 67% 72% 63% 66% 55% 59% 75%   | 74% 69% E. gra. 24% 37% 58% 74% 79% 80% 85% 85% 88% 90% 90% 90% 90% 90% 91% 88% 100% 88%  | 89% 78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 87% 90% 90% 90% 90% 91% 90% 89% 88% 91% 89% 86% 100% 88%                                 | 55%<br>58%<br>58%<br>D. arg.<br>30%<br>67%<br>88%<br>94%<br>97%<br>100%<br>96%<br>95%<br>88%<br>70%<br>71%<br>67%<br>72%<br>71%<br>667%<br>63%<br>64%<br>61% | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>62%<br>73%<br>82%<br>82%<br>82%<br>81%<br>91%<br>91%<br>89%<br>87%<br>86%<br>85%   | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95% 95% 92% 89% 89% 85% 84% 85% 84% 83% 79% 78% 74% 59%           | 75%  A. mex.  40%  70%  82%  87%  91%  94%  93%  100%  98%  89%  88%  92%  84%  79%  81%  62%  61%  58%  56%  55%  62%  75%           | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 74% 74% 74% 74% 79% 85%                          | L. meg.  13% 61% 66% 79% 80% 81% 98% 100% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 83% 83%            | M. sal.  13% 61% 66% 79% 80% 81% 98% 100% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 83%            | C. cya. 21% 48% 60% 76% 77% 81% 82% 79% 79% 79% 76% 85% 79% 76% 85% 79% 76% 85%                             |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175                     | 55% 44%  -QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 61% 62% 62% 67% 72% 63% 66% 55% 59% 75% 69%                                       | 74% 69%  ac 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90% 90% 91% 88% 91% 88% 100% 88%                   | 89% 78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 87% 90% 90% 90% 92% 91% 90% 89% 88% 91% 89% 88% 81%                                      | 55% 58%  D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 71% 67% 72% 71% 67% 66% 63% 64% 61% 69% 84%  | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>62%<br>82%<br>82%<br>82%<br>91%<br>91%<br>91%<br>81%<br>89%<br>81%<br>81%<br>81%<br>81%<br>82%<br>82%<br>82%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81                                    | N. ama.  13% 41% 55% 86% 98% 100% 98% 98% 95% 95% 85% 84% 85% 85% 84% 83% 79% 75% 95%                       | 75%  A. mex.  40%  70%  82%  87%  91%  94%  93%  100%  98%  89%  88%  92%  84%  79%  81%  63%  62%  61%  58%  56%  55%  62%  75%  71% | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 74% 74% 74% 74% 79% 85% 100%                     | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 90% 83% 83% 83% 83% 83% 83% 83% 83% 83%             | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 83% 83%    | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 79% 76% 76% 76% 76% 73% 86% 100% 98%                |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200              | 55% 44%  -QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 61% 62% 62% 63% 62% 61% 58% 56% 55% 59% 75% 69% 62%                               | 74% 69%  ac 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90% 90% 91% 88% 91% 88% 91% 91% 88% 91% 88%        | 89% 78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 90% 90% 90% 91% 90% 91% 90% 89% 88% 91% 88% 81% 76%                                      | 55% 58%  D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 78% 71% 67% 66% 63% 64% 61% 69% 884% 69%   | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>61%<br>62%<br>62%<br>82%<br>82%<br>82%<br>82%<br>81%<br>91%<br>91%<br>91%<br>91%<br>91%<br>89%<br>87%<br>86%<br>85%   | N. ama.  13% 41% 55% 86% 98% 100% 98% 95% 95% 95% 89% 89% 85% 84% 85% 84% 79% 78% 74% 59% 95% 95%           | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 62% 61% 58% 56% 55% 62% 71% 71%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 78% 74% 74% 74% 74% 74% 74% 99%                  | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 83% 83%             | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83 | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 79% 76% 76% 76% 85% 79% 76% 76% 85% 79% 76% 76% 78% |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250        | 55% 44%  -QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 62% 63% 62% 61% 58% 56% 55% 59% 75% 69% 62% 67%                       | 74% 69%  ac 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 90% 90% 90% 90% 90% 91% 88% 100% 88% 100% 88% 75% 68% 67%      | 89% 78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 90% 90% 90% 91% 90% 89% 88% 92% 91% 89% 88% 100% 88% 81% 76% 76%                         | 65% 58%  D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 78% 71% 67% 66% 63% 64% 61% 69% 844% 69% 69%   | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>61%<br>62%<br>62%<br>73%<br>82%<br>82%<br>91%<br>91%<br>91%<br>89%<br>80%<br>80%<br>81%<br>81%<br>82%<br>81%<br>81%<br>81%<br>82%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81                                    | N. ama.  13% 41% 55% 86% 98% 100% 98% 95% 95% 89% 89% 89% 89% 85% 84% 83% 79% 75% 99% 99% 89% 88% 88%       | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 92% 61% 58% 62% 61% 58% 56% 75% 71% 91%                                    | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 78% 74% 74% 74% 74% 74% 74% 99% 95%              | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 81% 91% 74% 62% 70% | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83 | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 79% 79% 76% 76% 85% 79% 76% 85% 79% 76% 85%         |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300 | 55% 44%  - QT 0.75 - xsee Min All 0% 3% 24% 35% 38% 42% 43% 49% 59% 61% 62% 62% 67% 72% 63% 62% 61% 58% 56% 55% 59% 75% 69% 62% 67% 53%          | 74% 69%  2c 6 Riffle E. gra. 24% 37% 58% 74% 79% 80% 85% 88% 88% 88% 90% 90% 90% 90% 91% 88% 100% 88% 75% 68% 67% 53%           | 89% 78%  78%  C. pro. 25% 38% 60% 76% 81% 82% 87% 90% 90% 90% 91% 90% 91% 89% 88% 92% 91% 89% 88% 100% 88% 81% 76% 68%                | 65% 58%  D. arg. 30% 67% 88% 94% 97% 100% 96% 95% 88% 78% 71% 67% 66% 63% 64% 61% 69% 84% 69% 72%  | 123%<br>117%<br>N. bra.<br>0%<br>3%<br>24%<br>35%<br>38%<br>42%<br>43%<br>49%<br>59%<br>61%<br>62%<br>62%<br>73%<br>82%<br>82%<br>81%<br>91%<br>91%<br>91%<br>89%<br>81%<br>91%<br>91%<br>91%<br>81%<br>82%<br>82%<br>81%<br>91%<br>91%<br>81%<br>82%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81%<br>81 | N. ama.  13% 41% 55% 56% 86% 98% 100% 98% 95% 95% 95% 89% 89% 85% 84% 79% 75% 995% 995% 995% 995% 995% 995% | 75%  A. mex.  40% 70% 82% 87% 91% 94% 93% 100% 98% 89% 88% 92% 61% 55% 62% 75% 71% 91% 83%  | M. con.  13% 38% 56% 62% 92% 89% 87% 84% 85% 81% 78% 78% 74% 74% 74% 74% 74% 74% 79% 85% 100% 99% 95% 79% | L. meg.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83          | 51%  M. sal.  13% 61% 66% 79% 80% 81% 98% 99% 100% 100% 99% 99% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83 | C. cya. 21% 48% 60% 76% 77% 81% 82% 83% 77% 82% 79% 79% 79% 79% 76% 85% 79% 76% 85% 79% 76% 85% 79% 69%     |

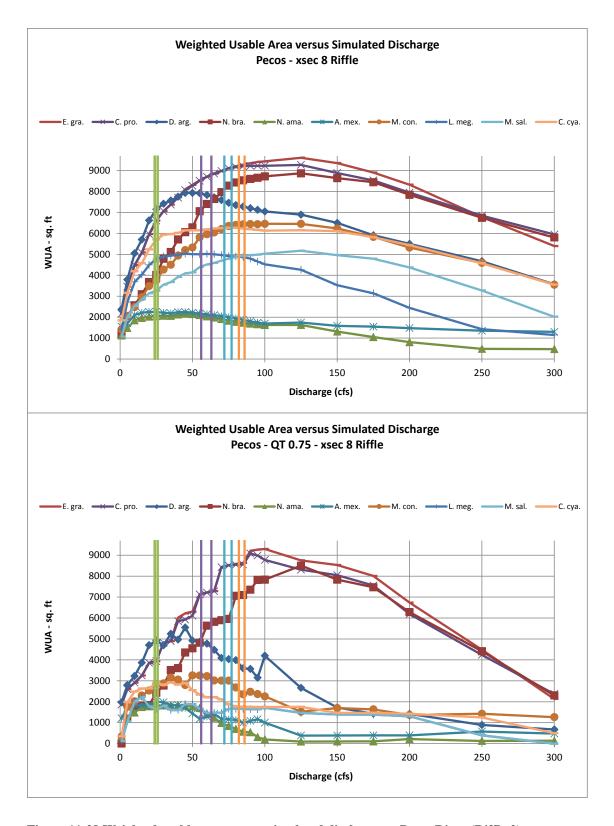


Figure 11-28 Weighted usable area versus simulated discharge at Pecos River (Riffle 2).

Table 11-28 Percent of maximum WUA versus simulated discharge at Pecos River (Riffle 2).

|   | -xsec 8 Riffle   | F   | C  | D  | N. Inne  | N  | •  |  |   |   | 6  |
|---|--|---|--|--|--|--|--|--|---|---|--|
| Q   | Min All  | E. gra.   | C. pro.  | D. arg.  | N. bra.  | N. ama.  | A. mex.  | M. con.  | L. meg.   | M. sal.   | C. cya.  |
| 1   | 13%  | 22%   | 23%  | 30%  | 13%  | 52%  | 69%  | 22%  | 28%   | 21%   | 29%  |
| 5   | 23%  | 36%   | 37%  | 48%  | 23%  | 69%  | 76%  | 32%  | 54%   | 39%   | 50%  |
| 10  | 29%  | 47%   | 48%  | 64%  | 29%  | 85%  | 93%  | 38%  | 73%   | 49%   | 67%  |
| 15  | 35%  | 53%   | 55%  | 72%  | 35%  | 91%  | 98%  | 46%  | 80%   | 55%   | 73%  |
| 20  | 41%  | 62%   | 64%  | 83%  | 41%  | 94%  | 100%   | 54%  | 89%   | 61%   | 84%  |
| 25  | 45%  | 69%   | 71%  | 90%  | 45%  | 95%  | 100%   | 58%  | 95%   | 63%   | 91%  |
| 30  | 54%  | 73%   | 76%  | 93%  | 54%  | 95%  | 98%  | 66%  | 97%   | 69%   | 95%  |
| 35  | 58%  | 77%   | 80%  | 95%  | 58%  | 95%  | 97%  | 70%  | 98%   | 71%   | 95%  |
| 40  | 64%  | 80%   | 83%  | 98%  | 64%  | 98%  | 99%  | 76%  | 99%   | 76%   | 96%  |
| 45  | 68%  | 84%   | 87%  | 100%   | 68%  | 100%   | 100%   | 81%  | 100%  | 79%   | 98%  |
| 50  | 71%  | 87%   | 89%  | 100%   | 71%  | 99%  | 98%  | 82%  | 100%  | 80%   | 98%  |
| 55  | 80%  | 89%   | 92%  | 100%   | 80%  | 97%  | 96%  | 90%  | 100%  | 85%   | 98%  |
| 60  | 83%  | 91%   | 94%  | 99%  | 83%  | 94%  | 95%  | 92%  | 100%  | 87%   | 99%  |
| 65  | 86%  | 92%   | 95%  | 97%  | 86%  | 92%  | 93%  | 94%  | 100%  | 89%   | 99%  |
| 70  | 88%  | 93%   | 97%  | 96%  | 90%  | 88%  | 91%  | 96%  | 99%   | 91%   | 100%   |
| 75  | 85%  | 95%   | 98%  | 94%  | 93%  | 85%  | 89%  | 98%  | 98%   | 93%   | 100%   |
| 80  | 82%  | 96%   | 99%  | 93%  | 95%  | 82%  | 86%  | 99%  | 97%   | 94%   | 100%   |
| 85  | 80%  | 97%   | 99%  | 92%  | 96%  | 80%  | 83%  | 100%   | 97%   | 95%   | 99%  |
| 90  | 78%  | 97%   | 99%  | 91%  | 97%  | 78%  | 80%  | 100%   | 95%   | 96%   | 99%  |
| 95  | 77%  | 98%   | 100%   | 90%  | 98%  | 77%  | 77%  | 100%   | 93%   | 96%   | 98%  |
| 100   | 75%  | 98%   | 100%   | 89%  | 98%  | 75%  | 75%  | 100%   | 90%   | 97%   | 98%  |
| 125   | 75%<br>75%   | 100%  | 100%   | 89%<br>87%   | 98%<br>100%  | 75%<br>75%   | 75%<br>77%   | 100%   | 90%<br>85%  | 100%  | 98%  |
| 150   | 61%  | 97%   | 96%  | 87%<br>82%   | 97%  | 61%  | 70%  | 97%  | 70%   | 96%   | 98%<br>97%   |
| 175   | 48%  | 93%   | 92%  | 75%  | 95%  | 48%  | 69%  | 90%  | 62%   | 93%   | 93%  |
| 200   | 37%  | 87%   | 86%  | 69%  | 88%  | 37%  | 66%  | 82%  | 49%   | 85%   | 87%  |
| 250   | 22%  |   |  |  |  | 22%  |  |  | 28%   |   |  |
|   |  | 71%   | 74%  | 59%  | 76%  |  | 60%  | 71%  |   | 63%   | 73%  |
| 300   | 22%  | 56%   | 64%  | 45%  | 65%  | 22%  | 58%  | 55%  | 23%   | 39%   | 57%  |
| 350   | 19%  | 43%   | 56%  | 29%  | 53%  | 21%  | 55%  | 38%  | 19%   | 26%   | 37%  |
| 400   | 9%   | 30%   | 45%  | 17%  | 37%  | 17%  | 44%  | 23%  | 9%  | 18%   | 22%  |
| 500   | 3%   | 11%   | 22%  | 7%   | 15%  | 12%  | 30%  | 10%  | 3%  | 7%  | 9%   |
|   | 3%<br>- QT 0.75 - xse<br>Min All   |   | 22%<br>C. pro.   | 7%<br>D. arg.  | 15%<br>N. bra.   | 12%<br>N. ama.   | 30%<br>A. mex.   | 10%<br>M. con.   | 3%<br>L. meg.   | 7%<br>M. sal.   | 9%<br>C. cya.  |
| Pecos   | - QT 0.75 - xse  | c 8 Riffle  |  |  |  |  |  |  |   |   |  |
| Pecos<br>Q  | - QT 0.75 - xse<br>Min All   | c 8 Riffle<br>E. gra.   | C. pro.  | D. arg.  | N. bra.  | N. ama.  | A. mex.  | M. con.  | L. meg.   | M. sal.   | C. cya.  |
| Pecos · Q   | - QT 0.75 - xse<br>Min All<br>0%   | c 8 Riffle<br>E. gra.<br>20%  | C. pro.<br>21%   | D. arg.<br>36%   | N. bra.<br>0%  | N. ama.<br>19%   | A. mex.<br>61%   | M. con.<br>10%   | L. meg.<br>5%   | M. sal.<br>5%   | C. cya.<br>12%   |
| Pecos<br>Q<br>1<br>5  | - QT 0.75 - xse<br>Min All<br>0%<br>14%  | c 8 Riffle<br>E. gra.<br>20%<br>28%   | C. pro.<br>21%<br>29%  | D. arg.<br>36%<br>50%  | N. bra.<br>0%<br>14%   | N. ama.<br>19%<br>64%  | A. mex.<br>61%<br>85%  | M. con.<br>10%<br>54%  | L. meg.<br>5%<br>47%  | M. sal.<br>5%<br>47%  | C. cya.<br>12%<br>68%  |
| Pecos - Q 1 5 10  | - QT 0.75 - xse<br>Min All<br>0%<br>14%<br>21%   | c 8 Riffle<br>E. gra.<br>20%<br>28%<br>31%  | C. pro.<br>21%<br>29%<br>32%   | D. arg.<br>36%<br>50%<br>58%   | N. bra.<br>0%<br>14%<br>21%  | N. ama.<br>19%<br>64%<br>81%   | A. mex.<br>61%<br>85%<br>91%   | M. con.<br>10%<br>54%<br>62%   | L. meg.<br>5%<br>47%<br>91%   | M. sal.<br>5%<br>47%<br>91%   | C. cya.<br>12%<br>68%<br>85%   |
| Pecos Q<br>1<br>5<br>10<br>15   | - QT 0.75 - xse<br>Min All<br>0%<br>14%<br>21%<br>21%  | c 8 Riffle<br>E. gra.<br>20%<br>28%<br>31%<br>35%   | C. pro.<br>21%<br>29%<br>32%<br>36%  | D. arg.<br>36%<br>50%<br>58%<br>70%  | N. bra.<br>0%<br>14%<br>21%  | N. ama.<br>19%<br>64%<br>81%<br>95%  | A. mex. 61% 85% 91% 92%  | M. con.<br>10%<br>54%<br>62%<br>70%  | L. meg.<br>5%<br>47%<br>91%<br>100%   | M. sal.<br>5%<br>47%<br>91%<br>100%   | C. cya.<br>12%<br>68%<br>85%<br>90%  |
| Pecos Q<br>1<br>5<br>10<br>15<br>20   | - QT 0.75 - xse<br>Min All<br>0%<br>14%<br>21%<br>21%<br>22%   | c 8 Riffle<br>E. gra.<br>20%<br>28%<br>31%<br>35%<br>42%  | C. pro.<br>21%<br>29%<br>32%<br>36%<br>43%   | D. arg.<br>36%<br>50%<br>58%<br>70%  | N. bra.<br>0%<br>14%<br>21%<br>21%<br>22%  | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%   | A. mex. 61% 85% 91% 92% 92%  | M. con.<br>10%<br>54%<br>62%<br>70%<br>78%   | L. meg.<br>5%<br>47%<br>91%<br>100%<br>80%  | M. sal. 5% 47% 91% 100% 80%   | C. cya.<br>12%<br>68%<br>85%<br>90%<br>90%   |
| Pecos Q 1 5 10 15 20 25 30  | OT 0.75 - xse Min All 0% 14% 21% 22% 29% 33%   | c 8 Riffle<br>E. gra.<br>20%<br>28%<br>31%<br>35%<br>42%<br>42%   | C. pro.<br>21%<br>29%<br>32%<br>36%<br>43%<br>43%  | D. arg.<br>36%<br>50%<br>58%<br>70%<br>85%<br>89%  | N. bra.<br>0%<br>14%<br>21%<br>21%<br>22%<br>29%<br>33%  | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%<br>99%  | A. mex. 61% 85% 91% 92% 92% 100%   | M. con.<br>10%<br>54%<br>62%<br>70%<br>78%<br>87%  | L. meg.<br>5%<br>47%<br>91%<br>100%<br>80%<br>74%<br>81%  | M. sal. 5% 47% 91% 100% 80% 74% 81%   | C. cya.<br>12%<br>68%<br>85%<br>90%<br>90%<br>99%  |
| Pecos Q<br>1<br>5<br>10<br>15<br>20<br>25   | OT 0.75 - xse<br>Min All<br>0%<br>14%<br>21%<br>21%<br>22%<br>29%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42%  | C. pro.<br>21%<br>29%<br>32%<br>36%<br>43%   | D. arg.<br>36%<br>50%<br>58%<br>70%<br>85%   | N. bra.<br>0%<br>14%<br>21%<br>21%<br>22%<br>29%   | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%   | A. mex. 61% 85% 91% 92% 100%   | M. con.<br>10%<br>54%<br>62%<br>70%<br>78%<br>87%  | L. meg.<br>5%<br>47%<br>91%<br>100%<br>80%<br>74%   | M. sal. 5% 47% 91% 100% 80% 74%   | C. cya.<br>12%<br>68%<br>85%<br>90%<br>90%   |
| Pecos Q 1 5 10 15 20 25 30 35   | OT 0.75 - xse Min All 0% 14% 21% 22% 29% 33% 41%   | c 8 Riffle<br>E. gra.<br>20%<br>28%<br>31%<br>35%<br>42%<br>42%<br>52%<br>53%   | C. pro.<br>21%<br>29%<br>32%<br>36%<br>43%<br>43%<br>53%<br>54%  | D. arg.<br>36%<br>50%<br>58%<br>70%<br>85%<br>89%<br>85%<br>95%  | N. bra.<br>0%<br>14%<br>21%<br>21%<br>22%<br>29%<br>33%<br>41%   | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%<br>99%<br>100%  | A. mex. 61% 85% 91% 92% 100% 99% 91%   | M. con.<br>10%<br>54%<br>62%<br>70%<br>78%<br>87%<br>88%<br>97%  | L. meg.<br>5%<br>47%<br>91%<br>100%<br>80%<br>74%<br>81%<br>72%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72%   | C. cya.<br>12%<br>68%<br>85%<br>90%<br>90%<br>99%<br>96%<br>100%   |
| Pecos Q 1 5 10 15 20 25 30 35 40  | OT 0.75 - xse<br>Min All<br>0%<br>14%<br>21%<br>22%<br>29%<br>33%<br>41%<br>42%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65%  | C. pro.<br>21%<br>29%<br>32%<br>36%<br>43%<br>43%<br>53%<br>54%<br>64%                                       | D. arg.<br>36%<br>50%<br>58%<br>70%<br>85%<br>89%<br>85%<br>95%<br>90%   | N. bra.<br>0%<br>14%<br>21%<br>22%<br>29%<br>33%<br>41%<br>42%   | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%<br>99%<br>100%<br>100%  | A. mex. 61% 85% 91% 92% 100% 99% 91% 92%   | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94%  | L. meg.<br>5%<br>47%<br>91%<br>100%<br>80%<br>74%<br>81%<br>72%<br>72%  | M. sal. 5% 47% 91% 100% 80% 74% 81% 72%   | C. cya.<br>12%<br>68%<br>85%<br>90%<br>90%<br>99%<br>100%<br>96%   |
| Pecos Q 1 5 10 15 20 25 30 35 40 45   | OT 0.75 - xse<br>Min All<br>0%<br>14%<br>21%<br>22%<br>29%<br>33%<br>41%<br>42%<br>51%   | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67%  | C. pro.<br>21%<br>29%<br>32%<br>36%<br>43%<br>43%<br>53%<br>54%<br>64%<br>65%                                | D. arg.<br>36%<br>50%<br>58%<br>70%<br>85%<br>89%<br>85%<br>95%<br>90%<br>100%                                   | N. bra.<br>0%<br>14%<br>21%<br>22%<br>29%<br>33%<br>41%<br>42%<br>51%  | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%<br>99%<br>100%<br>100%<br>99%                                     | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85%   | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94%  | L. meg.<br>5%<br>47%<br>91%<br>100%<br>80%<br>74%<br>81%<br>72%<br>72%<br>85%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 72% 85%   | C. cya. 12% 68% 85% 90% 90% 99% 100% 96% 99%   |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50  | OT 0.75 - xse<br>Min All<br>0%<br>14%<br>21%<br>22%<br>29%<br>33%<br>41%<br>42%<br>51%<br>54%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68%  | C. pro.<br>21%<br>29%<br>32%<br>36%<br>43%<br>53%<br>54%<br>64%<br>65%<br>67%                                | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89%   | N. bra.  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%   | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%<br>100%<br>100%<br>100%<br>99%<br>97%                             | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72%   | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100%   | L. meg. 5% 47% 91% 100% 80% 74% 81% 72% 72% 85% 85%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 72% 85% 85%   | C. cya. 12% 68% 85% 90% 90% 99% 100% 96% 99% 87%   |
| Pecos Q<br>1 5 10 15 20 25 30 35 40 45 50 55 60   | Off O.75 - xse Min All O% 14% 21% 21% 22% 29% 33% 41% 42% 51% 54% 57% 64%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 52% 53% 65% 67% 68% 77% 78%  | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 66% 67% 78%  | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88%   | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%<br>99%<br>100%<br>100%<br>100%<br>99%<br>97%<br>93%<br>77%        | A. mex. 61% 85% 91% 92% 100% 99% 91% 72% 85% 72%   | M. con. 10% 54% 62% 78% 88% 97% 94% 86% 100% 100% 99%  | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  66%  | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 85% 85% 66%   | C. cya. 12% 68% 85% 90% 90% 99% 100% 96% 100% 96% 87%  |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 55 60 65   | Off O.75 - xse Min All O% 14% 21% 21% 22% 29% 33% 41% 42% 51% 54% 57% 64% 66%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 53% 65% 67% 68% 77% 78%  | C. pro. 21% 29% 32% 36% 43% 43% 54% 64% 65% 67% 78% 79% 80%  | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 86% 81%   | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%   | N. ama.<br>19%<br>64%<br>81%<br>95%<br>97%<br>99%<br>100%<br>100%<br>100%<br>99%<br>97%<br>93%<br>77%<br>67% | A. mex. 61% 85% 91% 92% 100% 99% 91% 72% 85% 72%   | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 99%  | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  66%  66%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 85% 85% 75% 66% 66%   | C. cya. 12% 68% 85% 90% 99% 96% 100% 96% 99% 87% 80% 76%   |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70                                      | - QT 0.75 - xse Min All 0% 14% 21% 21% 22% 29% 33% 41% 42% 51% 54% 66% 54%   | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 52% 53% 65% 67% 68% 77% 78% 91%  | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 64% 65% 67% 78% 79% 80%  | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 86% 81%   | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%  69%  | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 97% 93% 77% 67% 54%  | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71%   | M. con.  10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 99% 92%   | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  66%  66%  66%  | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 85% 85% 66% 66%   | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 72%   |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75   | OT 0.75 - xsee Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  54%  46%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91%  | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 64% 65% 67% 78% 79% 80% 93%  | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 86% 81% 74% 73%   | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  66%  68%  69%  70%  | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 67% 54% 46%  | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 58%   | M. con.  10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 99% 92% 92%   | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  66%  66%  66%  75%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 85% 85% 66% 66% 66%   | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 72% 64%                                     |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80                                      | OT 0.75 - xsee Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  54%  46%  38%   | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 778% 91% 92%   | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 64% 65% 67% 78% 79% 80% 93% 94%                                      | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 86% 81% 74% 73% 72%   | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%  69%  70%  83%  | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 54% 97% 97% 98% 97% 98% 97% 98% 97% 98% 97% 98% 97% 98% 97%  | A. mex. 61% 85% 91% 92% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 58% 56%                                 | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 99% 92% 92% 82%  | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  66%  66%  66%  75%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 75% 85% 85% 75% 66% 66% 75% 75%   | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 72% 64% 61%                                 |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85                                   | OT 0.75 - xsee Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  54%  46%  38%  31%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91% 92% 93%  | C. pro. 21% 29% 32% 36% 43% 43% 53% 64% 65% 67% 78% 79% 80% 93% 94%  | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 86% 81% 74% 73% 72%   | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%  69%  70%  83%  83%   | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 54% 97% 98% 38% 31%  | A. mex. 61% 85% 91% 92% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 58% 56%                                 | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 92% 92% 92% 82%  | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  66%  66%  75%  74%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 85% 85% 75% 66% 66% 75% 74%   | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 72% 64% 61%                                 |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90                                | OT 0.75 - xsee Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  66%  54%  46%  38%  31%  30%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91% 92% 93%  | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 65% 67% 78% 79% 80% 93% 94% 94%                                      | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 86% 81% 74% 73% 72% 65% 64%                                 | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%  69%  70%  83%  83%  86%  | N. ama. 19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 93% 77% 67% 54% 46% 38% 31% 30%                       | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 56% 50%                                     | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 92% 92% 92% 72% 76%   | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  66%  66%  66%  75%  74%  74%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 72% 85% 85% 66% 66% 75% 75% 74%   | C. cya. 12% 68% 85% 90% 90% 99% 100% 96% 99% 87% 80% 76% 72% 64% 61% 60%                                 |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90                                | OT 0.75 - xsee Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  54%  46%  38%  31%  30%  17%                                    | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91% 92% 93% 99% 100%                                       | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 65% 67% 78% 79% 80% 93% 94% 94% 100%                                 | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 81% 74% 72% 65% 64%   | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  66%  68%  69%  70%  83%  83%  86%  92%  | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 93% 77% 67% 54% 46% 38% 31% 30%                      | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 56% 50% 54%                                 | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 99% 92% 92% 72% 82% 73%                                     | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  85%  66%  66%  66%  75%  74%  74%  | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 72% 85% 66% 66% 75% 75% 74% 74%   | C. cya. 12% 68% 85% 90% 90% 99% 100% 96% 99% 87% 80% 76% 76% 60% 60%                                     |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90                                | OT 0.75 - xsee Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  54%  46%  38%  31%  30%  17%  11%                               | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 91% 92% 93% 99% 100%   | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 65% 67% 78% 79% 80% 93% 94% 94% 100% 99% 97%                         | D. arg. 36% 50% 58% 70% 85% 85% 99% 100% 89% 88% 86% 81% 74% 73% 72% 65% 64% 57%                                 | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%  69%  70%  83%  86%  92%  92%                                     | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 97% 93% 77% 67% 54% 46% 38% 31% 30% 17% 11%                  | A. mex. 61% 85% 91% 92% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 55% 50% 54% 58%                         | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 92% 92% 72% 76% 73% 69%                                | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  66%  66%  66%  75%  74%  74%  74%  77%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 85% 85% 66% 66% 66% 75% 74% 74% 74%   | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 72% 64% 61% 60% 60%                         |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125                     | OT 0.75 - xse Min All 0% 14% 21% 22% 29% 33% 41% 42% 51% 54% 66% 54% 46% 38% 31% 30% 17% 11% 5%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 91% 92% 93% 99% 100% 100% 94%                                  | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 64% 65% 67% 78% 79% 80% 93% 94% 94% 94% 94% 90%                      | D. arg. 36% 50% 58% 70% 85% 89% 85% 99% 100% 89% 88% 86% 81% 74% 73% 72% 65% 64% 57% 76% 48%                     | N. bra.  0%  14%  21%  21%  22%  29%  33%  44%  51%  54%  57%  66%  68%  69%  70%  83%  83%  86%  92%  100%                                    | N. ama. 19% 64% 81% 95% 97% 100% 100% 100% 99% 97% 54% 46% 38% 31% 30% 17% 11% 5%                            | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 56% 56% 50% 54% 58%                         | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 92% 92% 72% 76% 73% 69% 47%                            | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  66%  66%  66%  75%  74%  74%  74%  77%  66%  | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 75% 66% 66% 75% 75% 66% 75% 74% 74% 77%   | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 72% 64% 61% 60% 60% 60%                     |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150                 | Off O.75 - xse Min All O% 14% 21% 22% 29% 33% 41% 42% 51% 54% 66% 54% 46% 38% 31% 30% 17% 11% 5% 6%  | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91% 92% 93% 99% 100% 100% 94%                                  | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 66% 67% 78% 79% 80% 93% 94% 94% 94% 100% 99% 91% 89%                 | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 86% 81% 74% 73% 72% 65% 644% 57% 76% 48% 31%                | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  66%  68%  69%  70%  83%  83%  86%  92%  100%  92%                               | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 67% 54% 46% 38% 31% 30% 17% 11% 5% 6%                | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 58% 50% 19% 19%                             | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 99% 92% 72% 73% 69% 47% 52%                            | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  66%  66%  66%  75%  74%  74%  77%  66%  66%  62%   | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 85% 85% 66% 66% 75% 74% 74% 74% 77% 66% 66% 66%   | C. cya. 12% 68% 85% 90% 90% 99% 100% 96% 100% 76% 72% 64% 61% 60% 60% 60% 50%                            |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175             | Off O.75 - xse Min All O% 14% 21% 21% 22% 29% 33% 41% 42% 51% 54% 66% 54% 46% 38% 31% 30% 17% 11% 5% 6% 6% 6%                                      | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91% 92% 93% 90% 100% 100% 94% 92% 86%                          | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 66% 67% 78% 79% 80% 94% 94% 94% 94% 94% 94% 94% 94% 94% 94           | D. arg. 36% 50% 58% 70% 85% 89% 85% 99% 100% 89% 86% 81% 74% 73% 72% 65% 64% 57% 76% 48% 31% 26%                 | N. bra.  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%  69%  70%  83%  86%  92%  100%  92%  88%                               | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 54% 46% 38% 31% 30% 17% 11% 5% 6%                    | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 58% 50% 19% 19% 20%                         | M. con. 10% 54% 62% 78% 88% 97% 94% 86% 100% 100% 99% 92% 92% 92% 60% 72% 76% 73% 69% 47% 52% 50%                | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  66%  66%  66%  66%  75%  74%  74%  74%  74%  66%  62%  62%                                       | M. sal. 5% 47% 91% 100% 80% 74% 81% 72% 85% 85% 66% 66% 66% 66% 75% 74% 74% 74% 77% 66% 66% 66%   | C. cya. 12% 68% 85% 90% 99% 96% 100% 96% 100% 76% 76% 76% 76% 60% 60% 60% 50%                            |
| Pecos Q  1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 125 150 175 200  | OT 0.75 - xsee  Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  54%  46%  38%  31%  30%  17%  11%  5%  6%  6%  6%  12%         | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 91% 92% 93% 99% 100% 100% 94% 92% 86% 72%                      | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 64% 65% 67% 78% 79% 80% 93% 94% 94% 91% 89% 83% 68%                  | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 36% 86% 81% 74% 73% 72% 65% 64% 57% 76% 48% 31% 26% 26%         | N. bra.  0%  14% 21% 21% 22%  29%  33% 41% 42% 51% 54%  57% 66% 68% 69% 70% 83% 88% 92% 92% 100% 92% 88% 74%                                   | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 54% 46% 38% 31% 30% 17% 54% 66% 66% 12%                      | A. mex. 61% 85% 91% 92% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 58% 50% 51% 51% 52% 52% 52%             | M. con.  10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 99% 92% 82% 72% 73% 69% 47% 55% 50%                   | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  75%  66%  66%  66%  75%  74%  74%  74%  74%  74%  75%  66%  66%  59%                             | M. sal.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  75%  66%  66%  66%  75%  74%  74%  74%  74%  74%  77%  66%  66                 | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 72% 64% 61% 60% 60% 60% 60% 50% 50%         |
| Pecos Q  1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 1000 125 1500 250          | OT 0.75 - xsee  Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  46%  38%  31%  30%  17%  11%  5%  6%  6%  12%  7%              | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 91% 92% 93% 99% 100% 100% 94% 92% 86% 72% 48%                  | C. pro. 21% 29% 32% 36% 43% 43% 53% 54% 64% 65% 67% 78% 79% 80% 93% 94% 94% 100% 99% 91% 89% 83% 68% 47%     | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 86% 81% 74% 73% 72% 65% 64% 57% 76% 48% 31% 26% 26% 16%         | N. bra.  0%  14% 21% 21% 22% 29%  33% 41% 42% 51% 56% 66% 66% 69% 70% 83% 88% 92% 100% 92% 88% 74% 52%   | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 54% 46% 38% 31% 30% 17% 66% 66% 12% 7%               | A. mex. 61% 85% 91% 92% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 58% 50% 51% 50% 19% 19% 20% 20% 29%     | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 100% 92% 92% 92% 72% 76% 73% 69% 47% 550% 42% 44%           | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  75%  66%  66%  75%  74%  74%  74%  74%  74%  74%  74   | M. sal.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  75%  66%  66%  66%  75%  74%  74%  74%  74%  74%  77%  66%  62%  62%  59%  18% | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 72% 64% 61% 60% 60% 60% 50% 50% 49% 43%     |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250 300 | OT 0.75 - xsee  Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  54%  46%  38%  31%  30%  17%  11%  5%  6%  6%  12%  7%  0%     | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91% 92% 93% 99% 100% 100% 94% 92% 86% 72% 48% 23%          | C. pro. 21% 29% 36% 43% 43% 53% 54% 64% 65% 67% 78% 79% 80% 93% 94% 94% 100% 99% 91% 89% 83% 68% 47% 26%     | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 86% 81% 74% 73% 72% 65% 64% 57% 76% 48% 31% 26% 26% 16% 12% | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%  69%  70%  83%  86%  92%  92%  100%  92%  88%  74%  52%  27%      | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 67% 54% 46% 38% 31% 30% 17% 11% 5% 6% 6% 12% 7% 8%   | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 56% 50% 54% 58% 50% 19% 19% 20% 20% 29% 24% | M. con. 10% 54% 62% 70% 78% 887% 888% 97% 94% 86% 100% 100% 92% 92% 72% 73% 69% 47% 50% 44% 39%                  | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  85%  75%  66%  66%  66%  75%  74%  74%  74%  74%  74%  59%  18%  0%                              | M. sal.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  75%  66%  66%  66%  75%  74%  74%  74%  74%  74%  74%  74                      | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 76% 64% 61% 60% 60% 60% 50% 50% 49% 43% 17% |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 250 300 350     | OT 0.75 - xsee  Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  57%  64%  46%  38%  31%  30%  17%  11%  5%  6%  6%  12%  7%  0%  0% | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91% 92% 93% 99% 100% 100% 100% 94% 92% 86% 72% 48% 23% 11% | C. pro. 21% 29% 36% 43% 43% 53% 54% 65% 67% 78% 79% 80% 93% 94% 94% 100% 99% 97% 91% 89% 83% 68% 47% 26% 20% | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 81% 74% 72% 65% 64% 57% 76% 48% 31% 26% 26% 16% 12% 11%     | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  66%  68%  69%  70%  83%  86%  92%  92%  92%  100%  92%  88%  74%  52%  27%  23% | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 54% 46% 38% 31% 30% 17% 11% 5% 6% 6% 12% 7% 8%       | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 56% 50% 54% 58% 50% 19% 20% 20% 29% 24% 23% | M. con. 10% 54% 62% 70% 78% 87% 88% 97% 94% 86% 100% 92% 92% 92% 92% 52% 72% 76% 73% 69% 47% 52% 50% 44% 39% 38% | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  85%  75%  66%  66%  66%  75%  74%  74%  74%  74%  74%  74%  71%  66%  62%  62%  59%  18%  0%  0% | M. sal.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  85%  66%  66%  66%  66%  75%  74%  74%  74%  74%  74%  74%  74                 | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 76% 60% 60% 60% 60% 50% 49% 43% 17% 0%      |
| Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250 300 | OT 0.75 - xsee  Min All  0%  14%  21%  22%  29%  33%  41%  42%  51%  54%  54%  66%  54%  46%  38%  31%  30%  17%  11%  5%  6%  6%  12%  7%  0%     | c 8 Riffle E. gra. 20% 28% 31% 35% 42% 42% 52% 53% 65% 67% 68% 77% 78% 78% 91% 92% 93% 99% 100% 100% 94% 92% 86% 72% 48% 23%          | C. pro. 21% 29% 36% 43% 43% 53% 54% 64% 65% 67% 78% 79% 80% 93% 94% 94% 100% 99% 91% 89% 83% 68% 47% 26%     | D. arg. 36% 50% 58% 70% 85% 89% 85% 90% 100% 89% 88% 86% 81% 74% 73% 72% 65% 64% 57% 76% 48% 31% 26% 26% 16% 12% | N. bra.  0%  14%  21%  21%  22%  29%  33%  41%  42%  51%  54%  57%  66%  68%  69%  70%  83%  86%  92%  92%  100%  92%  88%  74%  52%  27%      | N. ama.  19% 64% 81% 95% 97% 99% 100% 100% 100% 99% 97% 67% 54% 46% 38% 31% 30% 17% 11% 5% 6% 6% 12% 7% 8%   | A. mex. 61% 85% 91% 92% 100% 99% 91% 92% 85% 72% 59% 64% 71% 59% 56% 50% 54% 58% 50% 19% 19% 20% 20% 29% 24% | M. con. 10% 54% 62% 70% 78% 887% 888% 97% 94% 86% 100% 100% 92% 92% 72% 73% 69% 47% 50% 44% 39%                  | L. meg.  5%  47%  91%  100%  80%  74%  81%  72%  72%  85%  85%  75%  66%  66%  66%  75%  74%  74%  74%  74%  74%  59%  18%  0%                              | M. sal.  5%  47%  91%  100%  80%  74%  81%  72%  85%  85%  75%  66%  66%  66%  75%  74%  74%  74%  74%  74%  74%  74                      | C. cya. 12% 68% 85% 90% 90% 99% 96% 100% 96% 99% 87% 80% 76% 76% 64% 61% 60% 60% 60% 50% 50% 49% 43% 17% |

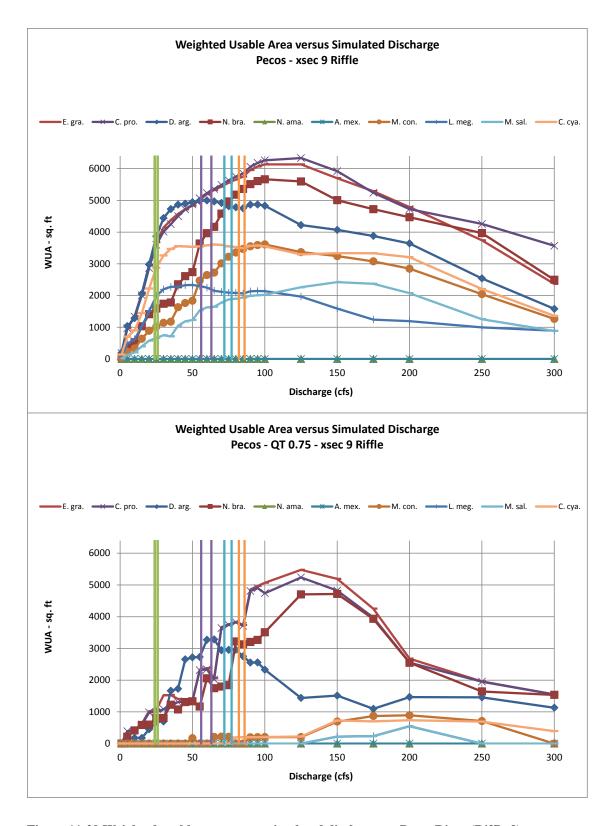


Figure 11-29 Weighted usable area versus simulated discharge at Pecos River (Riffle 3).

Table 11-29 Percent of maximum WUA versus simulated discharge at Pecos River (Riffle 3).

| Pecos<br>Q  | ^        | Min All   | E. gra.  | C. pro.   | D. arg.   | N. bra.   | N. ama.  |   | A. mex.   | M. con.   | L. meg.   | M. sal.   | C. cya.   |
|---|----------|---|--|---|---|---|--|---|---|---|---|---|---|
| 1   | •        | #DIV/0!   | 3%   | 3%  | 4%  | 1%  | #DIV/0!  | • | #DIV/0!   | 1%  | 4%  | 1%  | 4%  |
| 5   | •        | #DIV/0!   | 16%  | 15%   | 21%   | 7%  | #DIV/0!  | • | #DIV/0!   | 6%  | 21%   | 5%  | 19%   |
| 10  | •        | #DIV/0!   | 22%  | 21%   | 26%   | 9%  | #DIV/0!  | • | #DIV/0!   | 9%  | 27%   | 9%  | 25%   |
| 15  | •        | #DIV/0!   | 34%  | 32%   | 41%   | 18%   | #DIV/0!  | • | #DIV/0!   | 18%   | 44%   | 16%   | 40%   |
| 20  | •        |   |  |   |   |   | #DIV/0!  |   |   |   |   |   |   |
|   | ,        | #DIV/0!   | 48%  | 45%   | 60%   | 25%   | _  | - | #DIV/0!   | 25%   | 64%   | 24%   | 62%   |
| 25  | ,        | #DIV/0!   | 60%  | 57%   | 77%   | 28%   | #DIV/0!  | - | #DIV/0!   | 28%   | 85%   | 27%   | 80%   |
| 30  |          | #DIV/0!   | 68%  | 63%   | 89%   | 31%   | #DIV/0!  |   | #DIV/0!   | 32%   | 94%   | 31%   | 90%   |
| 35  | -        | #DIV/0!   | 71%  | 67%   | 95%   | 31%   | #DIV/0!  | r | #DIV/0!   | 33%   | 97%   | 29%   | 96%   |
| 40  | ·        | #DIV/0!   | 75%  | 71%   | 97%   | 42%   | #DIV/0!  | · | #DIV/0!   | 45%   | 98%   | 43%   | 99%   |
| 45  | ř        | #DIV/0!   | 77%  | 74%   | 98%   | 46%   | #DIV/0!  | · | #DIV/0!   | 49%   | 100%  | 49%   | 98%   |
| 50  |          | #DIV/0!   | 79%  | 77%   | 99%   | 48%   | #DIV/U:  | ÷ | #DIV/0!   | 51%   | 100%  | 51%   | 98%   |
| 55  | 1        | #DIV/0!   | 82%  | 80%   | 100%  | 64%   | #DIV/0!  | ú | #DIV/0!   | 68%   | 98%   | 64%   | 98%   |
| 60  | 1        | #DIV/0!   | 85%  | 83%   | 100%  | 70%   | #DIV/0!  | 1 | #DIV/0!   | 73%   | 96%   | 67%   | 99%   |
| 65  | •        | #DIV/0!   | 87%  | 85%   | 99%   | 74%   | #DIV/0!  |   | #DIV/0!   | 75%   | 92%   | 68%   | 100%  |
| 70  | <u>.</u> | #DIV/0!   | 89%  | 87%   | 98%   | 81%   | #DIV/0!  | _ | #DIV/0!   | 83%   | 91%   | 73%   | 100%  |
| 75  | •        | #DIV/0!   | 91%  | 89%   | 96%   | 88%   | #DIV/0!  |   | #DIV/0!   | 89%   | 89%   | 77%   | 98%   |
| 80  | •        | #DIV/0!   | 92%  | 91%   | 96%   | 91%   | #DIV/0!  |   | #DIV/0!   | 93%   | 89%   | 78%   | 98%   |
| 85  | •        | #DIV/0!   | 94%  | 92%   | 95%   | 95%   | #DIV/0!  |   | #DIV/0!   | 96%   | 88%   | 80%   | 97%   |
| 90  | •        | #DIV/0!   | 97%  | 96%   | 97%   | 97%   | #DIV/0!  | • | #DIV/0!   | 98%   | 91%   | 82%   | 99%   |
| 95  | •        | #DIV/0!   | 99%  | 98%   | 97%   | 99%   | #DIV/0!  | • | #DIV/0!   | 99%   | 92%   | 83%   | 99%   |
| 100   | •        | #DIV/0!   | 100%   | 99%   | 97%   | 100%  | #DIV/0!  | • | #DIV/0!   | 100%  | 92%   | 84%   | 98%   |
| 125   | •        | #DIV/0!   | 100%   | 100%  | 85%   | 99%   | #DIV/0!  | • | #DIV/0!   | 93%   | 84%   | 93%   | 91%   |
| 150   | •        | #DIV/0!   | 93%  | 93%   | 81%   | 88%   | #DIV/0!  | • | #DIV/0!   | 90%   | 68%   | 100%  | 92%   |
| 175   | F        | #DIV/0!   | 86%  | 83%   | 78%   | 83%   | #DIV/0!  | • | #DIV/0!   | 85%   | 53%   | 98%   | 92%   |
| 200   | F        | #DIV/0!   | 78%  | 75%   | 73%   | 79%   | #DIV/0!  | • | #DIV/0!   | 79%   | 51%   | 86%   | 89%   |
| 250   | •        | #DIV/0!   | 61%  | 67%   | 51%   | 70%   | #DIV/0!  | • | #DIV/0!   | 57%   | 43%   | 52%   | 61%   |
| 300   | F        | #DIV/0!   | 39%  | 56%   | 32%   | 44%   | #DIV/0!  | • | #DIV/0!   | 35%   | 38%   | 37%   | 38%   |
|   | •        | #DIV/0!   | 30%  | 36%   | 25%   | 32%   | #DIV/0!  | • | #DIV/0!   | 29%   | 34%   | 35%   | 27%   |
| 250   |          |   | 3070   | 3070  | 23/0  | 32/0  | _  | - |   |   |   |   |   |
|   | •        |   | 27%  | 29%   | 22%   | 27%   | #DIV/OI  |   | #DIV/01   | 29%   | 26%   | 34%   | 28%   |
| 100<br>500<br>ecos  | - O      | #DIV/0!<br>#DIV/0!<br>0T 0.75 - xs e  |  | 29%<br>28%  | 22%<br>30%  | 27%<br>20%  | #DIV/0!<br>#DIV/0!   | _ | #DIV/0!<br>#DIV/0!  | 29%<br>18%  | 26%<br>26%  | 34%<br>18%  | 28%<br>35%  |
| 100<br>500<br>ecos<br>Q   | - O      | #DIV/0!<br>#DIV/0!<br>T 0.75 - xse  | 29%<br>ec 9 Riffle<br>E. gra.  | 28%<br>C. pro.  | 30%<br>D. arg.  | 20%<br>N. bra.  | #DIV/0!<br>N. ama.   | - | #DIV/0!<br>A. mex.  | 18%<br>M. con.  | 26%<br>L. meg.                                      | 18%<br>M. sal.                                      | 35%<br>C. cya   |
| 100<br>500<br>ecos<br>Q<br>1  | - O      | #DIV/0!<br>#DIV/0!<br>T 0.75 - xse<br>Min All<br>#DIV/0!  | 29%<br>ec 9 Riffle<br>E. gra.<br>0%  | 28%<br>C. pro.<br>0%  | 30%<br>D. arg.<br>0%  | N. bra.   | #DIV/0!<br>N. ama.<br>#DIV/0!  | - | #DIV/0!  A. mex. #DIV/0!  | M. con.   | 26%<br>L. meg.<br>0%                                | 18%<br>M. sal.<br>0%                                | 35%<br>C. cya<br>0%   |
| 100<br>500<br>ecos<br>Q<br>1<br>5   | -0       | #DIV/0!<br>#DIV/0!<br>T 0.75 - xse<br>Min All<br>#DIV/0!<br>#DIV/0!   | 29%<br>ec 9 Riffle<br>E. gra.<br>0%<br>7%  | 28%<br>C. pro.<br>0%<br>7%  | 30%  D. arg.  0%  5%  | N. bra. 0% 5%   | #DIV/0!<br>N. ama.<br>#DIV/0!<br>#DIV/0!   |   | #DIV/0!  A. mex.  #DIV/0!  #DIV/0!  | M. con.<br>0%<br>0%   | 26%  L. meg.  0%  0%                                | M. sal. 0% 0%                                       | 25%<br>C. cya<br>0%<br>0%   |
| 100<br>500<br>ecos<br>Q<br>1<br>5   | -0       | #DIV/0!<br>#DIV/0!<br>2T 0.75 - xse<br>Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   | 29%<br>ec 9 Riffle<br>E. gra.<br>0%<br>7%<br>8%  | 28%<br>C. pro.<br>0%<br>7%<br>8%  | 30%  D. arg.  0%  5%  5%  | N. bra. 0% 5% 9%  | N. ama.<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   |   | #DIV/0!  A. mex.  #DIV/0!  #DIV/0!  #DIV/0!   | M. con.<br>0%<br>0%<br>0%   | 26%  L. meg.  0%  0%  0%                            | M. sal.<br>0%<br>0%<br>0%                           | 35%<br>C. cya<br>0%<br>0%<br>0%   |
| 100<br>500<br>ecos<br>Q<br>1<br>5<br>10   | -0       | #DIV/0!<br>#DIV/0!<br>#TO.75 - xs e<br>Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  | 29%<br>ec 9 Riffle<br>E. gra.<br>0%<br>7%<br>8%<br>12%   | 28%  C. pro.  0%  7%  8%  11%   | 30%  D. arg.  0%  5%  5%  | N. bra. 0% 5% 9% 12%  | N. ama. #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!  #DIV/0!  #DIV/0!  #DIV/0!  | M. con.  0% 0% 0% 0%  | 26%  L. meg.  0%  0%  0%  0%                        | M. sal.  0% 0% 0% 0%                                | 35%<br>C. cya<br>0%<br>0%<br>0%<br>0%   |
| Q<br>1<br>5<br>10<br>15<br>20   |          | #DIV/0!<br>#DIV/0!<br>#TO.75 - xse<br>Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   | 29%<br>ec 9 Riffle<br>E. gra.<br>0%<br>7%<br>8%<br>12%<br>19%  | 28%  C. pro.  0%  7%  8%  11%  19%  | 30%  D. arg.  0% 5% 5% 5% 14%   | N. bra. 0% 5% 9% 12% 13%  | N. ama. #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!  |   | #DIV/0!  A. mex. #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!  | M. con.  0% 0% 0% 0% 0%   | 26%  L. meg.  0%  0%  0%  0%  0%                    | M. sal.  0% 0% 0% 0% 0%                             | 35%<br>C. cya<br>0%<br>0%<br>0%<br>0%<br>0%   |
| 000<br>000<br>000<br>000<br>1<br>5<br>10<br>15<br>20  |          | #DIV/0!<br>#DIV/0!<br>#TO.75 - xse<br>Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   | 29%<br>ec 9 Riffle<br>E. gra.<br>0%<br>7%<br>8%<br>12%<br>19%  | C. pro.<br>0%<br>7%<br>8%<br>11%<br>19%   | D. arg.  0% 5% 5% 14% 21%   | N. bra.  0% 5% 9% 12% 13% 17%   | N. ama.  #DIV/0!  N. ama.  #DIV/0!  #DIV/0!  #DIV/0!  #DIV/0!  #DIV/0!  #DIV/0!  |   | #DIV/0!  A. mex. #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!  | M. con.  0%  0%  0%  0%  0%  0%   | 26%  L. meg.  0%  0%  0%  0%  0%  0%                | M. sal.  0% 0% 0% 0% 0% 0%                          | 35%<br>C. cya<br>0%<br>0%<br>0%<br>0%<br>0%   |
| ecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25   |          | #DIV/0!<br>#DIV/0!<br>T 0.75 - xse<br>Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  | 29%<br>ec 9 Riffle<br>E. gra.<br>0%<br>7%<br>8%<br>12%<br>19%<br>19%   | 28%  C. pro. 0% 7% 8% 11% 19% 19% 21%   | D. arg. 0% 5% 5% 14% 21%  | N. bra.  0% 5% 9% 12% 13% 17%   | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!  #DIV/0!  #DIV/0!  #DIV/0!  #DIV/0!  #DIV/0!  #DIV/0!   | M. con.  0%  0%  0%  0%  0%  0%  0%   | 26%  L. meg. 0% 0% 0% 0% 0% 0%                      | M. sal. 0% 0% 0% 0% 0% 0%                           | 2. cya<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  |
| 000<br>000<br>ecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   |          | #DIV/0!<br>#DIV/0!<br>#T 0.75 - xse<br>Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  | 29%<br>ec 9 Riffle<br>E. gra.<br>0%<br>7%<br>8%<br>12%<br>19%<br>19%<br>28%<br>28%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  | 30%  D. arg. 0% 5% 5% 14% 21% 21%   | N. bra.  0% 5% 9% 12% 13% 17% 17% 26%   | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%   | 26%  L. meg. 0% 0% 0% 0% 0% 0% 0% 0%                | M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%         | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%   |
| 00<br>00<br>00<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  |          | #DIV/0!   | 29%<br>ec 9 Riffle<br>E. gra.<br>0%<br>7%<br>8%<br>12%<br>19%<br>19%<br>28%<br>28%<br>26%                                  | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%   | 30%  D. arg.  0%  5%  5%  14%  21%  21%  51%  53%   | N. bra.  0% 5% 9% 12% 13% 17% 26% 23%   | #DIV/0!  |   | #DIV/0!  A. mex. #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!  | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%   | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%    | M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%         | 2. cya<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%  |
| Q 25 33 40 445  |          | #DIV/0!   | 29% cc 9 Riffle E. gra. 0% 7% 8% 12% 19% 28% 28% 26% 25%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  25%  | 30%  D. arg.  0%  5%  5%  54  21%  21%  51%  53%  81%   | N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28%   | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0                                      | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0      | 25%<br>C. cya<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%   |
| 00<br>00<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  |          | #DIV/0!   | 29% cc 9 Riffle E. gra. 0% 7% 8% 12% 19% 28% 28% 26% 25%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  25%  26%   | 30%  D. arg.  0%  5%  5%  14%  21%  21%  51%  53%  81%  83%   | 20%  N. bra.  0%  5%  9%  12%  13%  17%  26%  23%  28%  28%   | #DIV/0!  N. ama.  #DIV/0!   |   | #DIV/0!  A. mex. #DIV/0!  | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0                                      | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0      | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 000<br>000<br>000<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>335<br>40<br>45<br>50  |          | #DIV/0!   | 29% cc 9 Riffle E. gra. 0% 7% 8% 12% 19% 28% 26% 25% 25% 43%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%   | D. arg.  0%  5%  5%  14%  21%  51%  53%  81%  83%   | N. bra.  0%  5%  9%  12%  13%  17%  26%  23%  28%  28%  | #DIV/0!  |   | #DIV/0!  A. mex. #DIV/0!  | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0                                      | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0      | 35%  C. cya 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  |
| 00<br>00<br>20<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  |          | #DIV/0!   | 29% cc 9 Riffle E. gra. 0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  | D. arg.  0%  5%  5%  14%  21%  51%  53%  81%  83%  83%  100%  | N. bra.  0%  5%  9%  12%  13%  17%  26%  23%  28%  28%  44%   | #DIV/0!  |   | #DIV/0!  A. mex. #DIV/0!  | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0                                      | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0      | 35%  C. cya 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  |
| ecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66   |          | #DIV/0!   | 29% cc 9 Riffle E. gra. 0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%   | D. arg.  0% 5% 5% 14% 21% 51% 53% 81% 83% 100% 100%   | N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 28% 25% 44% 37%   | #DIV/0!  |   | #DIV/0!  A. mex. #DIV/0!  | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0                                      | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0      | 25%  C. cya 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  |
| ecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>33<br>40<br>45<br>50<br>65<br>70   |          | #DIV/0!   | 29% cc 9 Riffle E. gra. 0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  25%  25%  26%  44%  45%  39%  70%  | D. arg.  0% 5% 5% 14% 21% 21% 53% 81% 83% 100% 100% 90%   | 20%  N. bra.  0%  5%  9%  12%  13%  17%  26%  23%  28%  25%  44%  37%  38%  | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0                                      | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | M. sal.  0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%     | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 200<br>25<br>100<br>15<br>100<br>15<br>200<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775   |          | #DIV/0!   | 29% cc 9 Riffle E. gra. 0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%   | 30%  D. arg. 0% 5% 5% 5% 14% 21% 21% 51% 53% 81% 83% 100% 90% 90%   | 20%  N. bra.  0%  5%  9%  12%  13%  17%  26%  23%  28%  28%  25%  44%  37%  38%  39%                                      | #DIV/0!  N. ama.  #DIV/0!   |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                           | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 000<br>000<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  |          | #DIV/0!   | 29% cc 9 Riffle E. gra. 0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70%   | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  73%  | D. arg.  0%  5%  5%  14%  21%  21%  51%  53%  81%  83%  80%  100%  90%  90%  90%  | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 25% 444% 37% 38% 39% 68%   | #DIV/0!  N. ama.  #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                           | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  |
| 000<br>000<br>1 5<br>10 15<br>20 25<br>33 5<br>40 45<br>55 60<br>65 70<br>77 5<br>80 85   |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70%  | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%   | 30%  D. arg.  0%  5%  5%  14%  21%  21%  51%  53%  81%  83%  100%  100%  90%  90%  90%  84%   | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 25% 44% 37% 38% 39% 68%  | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                           | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 25%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 000<br>000<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 65<br>70 75<br>80 85  |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70% 68% 89%                                  | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  73%  71%  92%  | 30%  D. arg.  0%  5%  5%  5%  14%  21%  21%  51%  53%  81%  83%  100%  90%  90%  90%  84%  78%                                      | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 28% 25% 44% 37% 38% 39% 66% 66% 66%  | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                               | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 000<br>000<br>1 5<br>1 10<br>1 15<br>2 20<br>2 25<br>3 30<br>4 5<br>5 5<br>6 6<br>6 6<br>7 7<br>7 7<br>8 8<br>9 0<br>9 5  |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70%  | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%   | 30%  D. arg.  0%  5%  5%  14%  21%  21%  51%  53%  81%  83%  100%  100%  90%  90%  90%  84%   | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 25% 44% 37% 38% 39% 68%  | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                           | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%  |
| 00<br>00<br>15<br>10<br>15<br>20<br>25<br>330<br>335<br>40<br>45<br>50<br>65<br>77<br>75<br>30<br>335<br>90   |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70% 68% 89%                                  | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  73%  71%  92%  | 30%  D. arg.  0%  5%  5%  5%  14%  21%  21%  51%  53%  81%  83%  100%  90%  90%  90%  84%  78%                                      | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 28% 25% 44% 37% 38% 39% 66% 66% 66%  | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                               | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 000<br>000<br>1 5<br>1 10 15 20 25 330 45 50 55 60 65 570 77 5 330 335 990 995 00   |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70% 68% 89%                                  | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  92%  94%   | 30%  D. arg.  0%  5%  5%  5%  14%  21%  21%  51%  53%  81%  83%  100%  90%  90%  90%  90%  84%  78%                                 | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 28% 28% 37% 38% 39% 66% 66% 66% 66% 69%                                    | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                               | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 000<br>000<br>1 5<br>1 10<br>1 5<br>2 20<br>2 25<br>3 30<br>3 35<br>4 40<br>4 5<br>5 5<br>6 60<br>6 5<br>7 7<br>8 8<br>9 0<br>9 5<br>0 0<br>0 2 5   |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70% 68% 89% 91%                          | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  92%  94%  90%  | 30%  D. arg.  0%  5%  5%  5%  14%  21%  21%  51%  53%  81%  83%  100%  100%  90%  90%  90%  90%  78%  78%  71%                      | 20%  N. bra.  0%  5%  9%  12%  13%  17%  26%  23%  28%  28%  28%  37%  38%  39%  66%  66%  66%  69%  74%                  | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  20%  0%  24%  25%  0%  0%  24%  23%  23%  | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 28%<br>28%<br>35%<br>C. cya<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0%<br>27%<br>28%<br>28%<br>31% |
| 000<br>000<br>1 5<br>1 10<br>1 5<br>2 20<br>2 25<br>3 30<br>3 35<br>4 40<br>4 5<br>5 5<br>6 6<br>6 6<br>6 5<br>7 7<br>7 7<br>8 8<br>9 0<br>9 5<br>0 0<br>0 2<br>5<br>0 0<br>0 2<br>5<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0  |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70% 688% 89% 91% 93% 100%                    | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  73%  71%  92%  94%  90%  100%                          | 30%  D. arg.  0%  5%  5%  5%  14%  21%  21%  51%  53%  81%  83%  100%  90%  90%  90%  90%  78%  78%  71%  44%                       | 20%  N. bra.  0%  5%  9%  12%  13%  17%  26%  23%  28%  28%  25%  44%  37%  38%  39%  68%  66%  66%  69%  74%  100%       | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  20%  0%  24%  25%  25%  0%  23%  23%  24% | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 27%<br>28%<br>28%<br>28%<br>28%<br>31%  |
| 200 ccos Q 1 5 110 115 220 225 330 35 40 45 550 665 770 75 880 885 990 995 25 |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70% 68% 89% 91% 93% 100%                 | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  92%  94%  90%  100%  92%                               | D. arg.  0% 5% 5% 5% 14% 21% 21% 51% 83% 8100% 90% 90% 90% 44% 46%  | 20%  N. bra.  0%  5%  9%  12%  13%  17%  17%  26%  23%  28%  28%  25%  44%  37%  38%  68%  68%  69%  74%  100%  100%      | #DIV/0!     #DIV/0!   #D |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  20%  0%  25%  25                          | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 20 25 30 35 40 45 50 65 70 75 80 85 90 95 25                   |          | #DIV/0!   | 29%  ac 9 Riffle E. gra.  0% 7% 8% 12% 19% 19% 28% 26% 25% 43% 43% 38% 67% 69% 70% 68% 89% 91% 93% 100% 95% 78%            | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  73%  71%  92%  90%  100%  92%  76%                     | 30%  D. arg. 0% 5% 5% 5% 14% 21% 21% 51% 53% 81% 83% 100% 90% 90% 90% 97% 84% 78% 78% 71% 44% 46% 33%                               | 20%  N. bra.  0%  5%  9%  12%  13%  17%  26%  23%  28%  25%  44%  37%  38%  39%  68%  66%  68%  69%  74%  100%  100%  83% | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!   | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                               | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |
| 000<br>000<br>000<br>1<br>5<br>10<br>15<br>20   |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 19% 28% 26% 25% 43% 43% 38% 67% 69% 70% 688% 89% 91% 93% 100% 95% 78% 49%        | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  92%  90%  100%  92%  76%  49%                          | 30%  D. arg. 0% 5% 5% 5% 14% 21% 21% 51% 53% 81% 83% 100% 90% 90% 90% 90% 44% 78% 71% 44% 46% 33% 45%                               | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 25% 44% 37% 38% 39% 68% 66% 68% 69% 74% 100% 83% 54%                       | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!                         | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                               | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 27% 28% 28% 28% 28% 31% 100% 96% 101%                      |
| 100<br>100<br>100<br>100<br>100<br>100<br>100<br>100  |          | #DIV/0!   | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 19% 28% 26% 25% 43% 43% 38% 67% 69% 70% 68% 89% 91% 93% 100% 95% 78% 49% 36%     | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  26%  44%  45%  39%  70%  71%  73%  71%  92%  94%  90%  100%  92%  76%  49%  37%      | 30%  D. arg.  0%  5%  5%  14%  21%  21%  51%  53%  81%  83%  83%  100%  100%  90%  90%  90%  44%  78%  71%  44%  46%  33%  45%  44% | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 28% 25% 44% 37% 388% 39% 66% 66% 66% 60% 100% 83% 54% 35%                  | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0!         | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                           | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 27% 28% 28% 28% 31% 100% 96% 101%                       |
| 200 25 30 35 40 45 50 25 60 25 60 25 60 25 60 60 60 60 60 60 60 60 60 60 60 60 60   |          | #DIV/0! | 29% cc 9 Riffle E. gra.  0% 7% 8% 12% 19% 28% 26% 25% 25% 43% 43% 38% 67% 69% 70% 68% 89% 91% 93% 100% 95% 78% 49% 36% 28% | 28%  C. pro.  0%  7%  8%  11%  19%  21%  24%  25%  25%  26%  44%  45%  39%  70%  71%  73%  71%  92%  94%  90%  100%  92%  49%  37%  30% | 30%  D. arg.  0%  5%  5%  5%  14%  21%  21%  51%  53%  81%  83%  100%  100%  90%  90%  90%  44%  46%  33%  45%  44%  34%            | 20%  N. bra.  0% 5% 9% 12% 13% 17% 26% 23% 28% 28% 25% 44% 37% 38% 39% 66% 66% 66% 60% 100% 83% 54% 35% 33%               | #DIV/0!  |   | #DIV/0!  A. mex.  #DIV/0! | 18%  M. con.  0%  0%  0%  0%  0%  0%  0%  0%  20%  0%                               | 26%  L. meg.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 18%  M. sal.  0%  0%  0%  0%  0%  0%  0%  0%  0%  0 | 35%  C. cya  0%  0%  0%  0%  0%  0%  0%  0%  0%  0  |

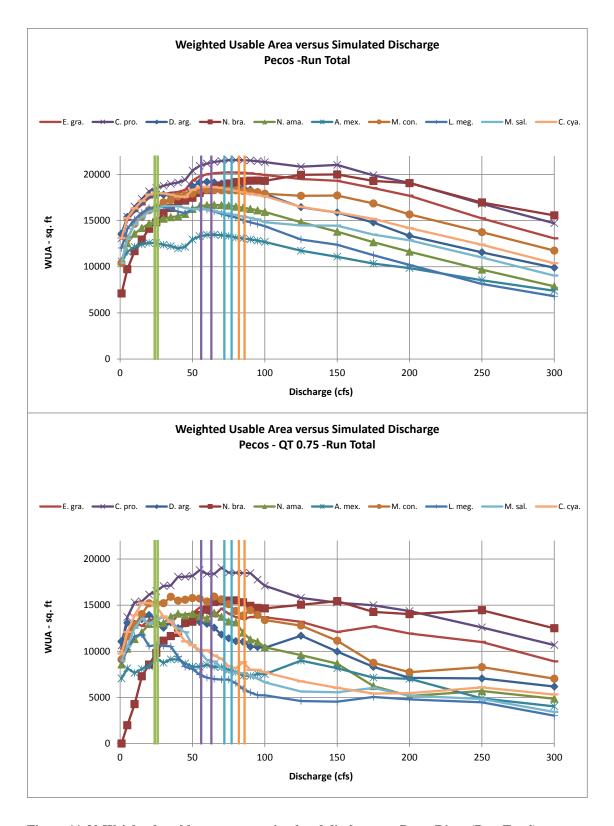


Figure 11-30 Weighted usable area versus simulated discharge at Pecos River (Run Total).

Table 11-30 Percent of maximum WUA versus simulated discharge at Pecos River (Run Total).

| Pecos<br>Q  | Min All   | E. gra.   | C. pro.   | D. arg.  | N. bra.  | N. ama.  | A. mex.  | M. con.  | L. meg.  | M. sal.  | C. cya.   |
|---|---|---|---|--|--|--|--|--|--|--|---|
| 1   | 36%   | 65%   | 61%   | 71%  | 36%  | 64%  | 78%  | 57%  | 73%  | 63%  | 70%   |
|   | 49%   |   |   |  |  |  |  |  |  |  |   |
| 5   |   | 75%   | 71%   | 80%  | 49%  | 75%  | 86%  | 71%  | 86%  | 78%  | 82%   |
| 10  | 58%   | 79%   | 77%   | 84%  | 58%  | 81%  | 90%  | 80%  | 92%  | 88%  | 88%   |
| 15  | 65%   | 83%   | 80%   | 89%  | 65%  | 85%  | 92%  | 84%  | 96%  | 93%  | 92%   |
| 20  | 71%   | 87%   | 84%   | 92%  | 71%  | 88%  | 93%  | 88%  | 99%  | 96%  | 96%   |
| 25  | 74%   | 88%   | 86%   | 93%  | 74%  | 90%  | 93%  | 89%  | 100%   | 98%  | 96%   |
| 30  | 79%   | 89%   | 87%   | 93%  | 79%  | 91%  | 92%  | 93%  | 100%   | 100%   | 96%   |
| 35  | 82%   | 89%   | 88%   | 92%  | 82%  | 92%  | 91%  | 94%  | 99%  | 100%   | 95%   |
| 40  | 84%   | 90%   | 89%   | 91%  | 84%  | 93%  | 89%  | 96%  | 97%  | 100%   | 94%   |
| 45  | 86%   | 91%   | 90%   | 92%  | 86%  | 94%  | 90%  | 97%  | 96%  | 99%  | 94%   |
|   |   |   |   |  |  |  |  |  |  |  |   |
| 50  | 87%   | 96%   | 95%   | 98%  | 87%  | 97%  | 96%  | 98%  | 99%  | 98%  | 98%   |
| 55  | 90%   | 98%   | 97%   | 100%   | 90%  | 99%  | 99%  | 100%   | 99%  | 98%  | 100%  |
| 60  | 92%   | 99%   | 98%   | 100%   | 92%  | 100%   | 100%   | 100%   | 98%  | 98%  | 100%  |
| 65  | 93%   | 100%  | 99%   | 100%   | 93%  | 100%   | 100%   | 100%   | 97%  | 97%  | 100%  |
| 70  | 94%   | 100%  | 100%  | 99%  | 94%  | 100%   | 100%   | 100%   | 96%  | 96%  | 99%   |
| 75  | 94%   | 100%  | 100%  | 98%  | 95%  | 100%   | 99%  | 100%   | 94%  | 95%  | 99%   |
| 80  | 93%   | 100%  | 100%  | 98%  | 96%  | 99%  | 98%  | 100%   | 93%  | 94%  | 98%   |
| 85  | 91%   | 100%  | 100%  | 97%  | 96%  | 98%  | 97%  | 99%  | 91%  | 93%  | 97%   |
| 90  | 90%   | 99%   | 100%  | 96%  | 97%  | 97%  | 96%  | 99%  | 90%  | 92%  | 96%   |
| 95  | 89%   | 99%   | 99%   | 94%  | 97%  | 96%  | 95%  | 99%  | 89%  | 91%  | 95%   |
|   |   |   |   |  |  |  |  |  |  |  |   |
| 100   | 87%   | 99%   | 99%   | 93%  | 97%  | 95%  | 94%  | 98%  | 87%  | 89%  | 95%   |
| 125   | 79%   | 96%   | 97%   | 86%  | 100%   | 89%  | 87%  | 97%  | 79%  | 87%  | 88%   |
| 150   | 75%   | 95%   | 98%   | 83%  | 100%   | 83%  | 82%  | 97%  | 75%  | 87%  | 85%   |
| 175   | 68%   | 92%   | 92%   | 77%  | 97%  | 76%  | 77%  | 92%  | 68%  | 81%  | 81%   |
| 200   | 62%   | 87%   | 89%   | 70%  | 95%  | 70%  | 73%  | 86%  | 62%  | 78%  | 76%   |
| 250   | 49%   | 75%   | 78%   | 60%  | 85%  | 58%  | 63%  | 75%  | 49%  | 66%  | 66%   |
| 300   | 41%   | 65%   | 68%   | 52%  | 78%  | 47%  | 55%  | 64%  | 41%  | 55%  | 56%   |
| 300   |   |   | C70/  | 53%  | 70%  | 43%  | 55%  | 56%  | 40%  | 46%  | 53%   |
| 350   | 40%   | 63%   | 67%   | 3370   | 7070   |  |  |  |  |  |   |
|   | 40%<br>33%  | 63%<br>57%  | 60%   | 47%  | 62%  | 37%  | 52%  | 48%  | 33%  | 38%  | 46%   |
| 350<br>400<br>500   |   | 57%<br>44%  |   |  |  |  |  | 48%<br>30%   | 33%<br>20%   | 38%<br>24%   | 46%<br>31%  |
| 350<br>400<br>500<br>Pecos<br>Q   | 33%<br>20%<br>- QT0.75 -Rur<br>Min All  | 57%<br>44%<br>Total<br>E. gra.  | 60%<br>47%<br>C. pro.   | 47%<br>33%<br>D. arg.  | 62%<br>46%<br>N. bra.  | 37%<br>24%<br>N. ama.  | 52%<br>40%<br>A. mex.  | 30%<br>M. con.   | 20%<br>L. meg.   | 24%<br>M. sal.   | 31%<br>C. cya.  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1  | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%   | 57%<br>44%<br>Total<br>E. gra.<br>70%   | 60%<br>47%<br>C. pro.<br>56%  | 47%<br>33%<br>D. arg.<br>80%   | 62%<br>46%<br>N. bra.<br>0%  | 37%<br>24%<br>N. ama.<br>60%   | 52%<br>40%<br>A. mex.<br>76%   | 30%<br>M. con.   | 20%<br>L. meg.<br>76%  | M. sal.  | C. cya.   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%  | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%  | 60%<br>47%<br>C. pro.<br>56%<br>72%   | 47%<br>33%<br>D. arg.<br>80%<br>94%  | N. bra. 0% 13%   | 37%<br>24%<br>N. ama.<br>60%<br>73%  | 52%<br>40%<br>A. mex.<br>76%<br>88%  | 30%<br>M. con.<br>57%<br>73%   | 20%<br>L. meg.<br>76%<br>86%   | M. sal. 66% 77%  | 31%<br>C. cya.<br>64%<br>79%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5   | 33%<br>20%<br>- QT0.75 -Rur<br>Min All<br>0%<br>13%<br>28%  | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%   | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%  | 47%<br>33%<br>D. arg.<br>80%<br>94%<br>93%   | N. bra. 0% 13% 28%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%   | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%   | 30% M. con. 57% 73% 81%  | 20%  L. meg.  76%  86%  98%  | M. sal. 66% 77% 92%  | 31%  C. cya.  64%  79%  91%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%  | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%   | 47%<br>33%<br>D. arg.<br>80%<br>94%<br>93%<br>97%  | N. bra. 0% 13% 28% 47%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%  | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%  | 30% M. con. 57% 73% 81% 88%  | 20%  L. meg.  76% 86% 98% 100%   | M. sal. 66% 77% 92% 99%  | 31%  C. cya.  64%  79%  91%  100%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20   | 33%<br>20%<br>- QT 0.75 - Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%  | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%   | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%  | 47% 33%  D. arg.  80% 94% 93% 97% 100%   | N. bra. 0% 13% 28% 47% 55%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%   | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%   | 30% M. con. 57% 73% 81% 88% 95%  | 20%  L. meg.  76% 86% 98% 100% 89%   | M. sal. 66% 77% 92% 99% 95%  | 31%  C. cya. 64% 79% 91% 100%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%  | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%<br>88%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%   | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97%  | N. bra.  0% 13% 28% 47% 55% 63%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%   | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%<br>100%   | 30% M. con. 57% 73% 81% 88% 95%  | L. meg.<br>76%<br>86%<br>98%<br>100%<br>89%<br>90%   | M. sal. 66% 77% 92% 99% 95%  | C. cya. 64% 79% 91% 100% 100% 98%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%   | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%<br>88%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%   | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97%  | N. bra. 0% 13% 28% 47% 55% 63%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%  | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%<br>100%<br>94%  | 30% M. con. 57% 73% 81% 88% 95% 95%  | 20% L. meg. 76% 86% 98% 100% 89% 90%   | 24%  M. sal.  66%  77%  92%  99%  95%  100%  | 31%  C. cya. 64% 79% 91% 100%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%  | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%<br>88%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%   | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97%  | N. bra.  0% 13% 28% 47% 55% 63%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%   | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%<br>100%   | 30% M. con. 57% 73% 81% 88% 95%  | L. meg.<br>76%<br>86%<br>98%<br>100%<br>89%<br>90%   | M. sal. 66% 77% 92% 99% 95%  | C. cya. 64% 79% 91% 100% 100% 98%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%   | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%<br>88%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%   | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97%  | N. bra. 0% 13% 28% 47% 55% 63%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%  | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%<br>100%<br>94%  | 30% M. con. 57% 73% 81% 88% 95% 95%  | 20% L. meg. 76% 86% 98% 100% 89% 90%   | 24%  M. sal.  66%  77%  92%  99%  95%  100%  | C. cya. 64% 79% 91% 100% 100% 98% 90%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%  | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%<br>88%<br>88%   | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%   | 47%<br>33%<br>D. arg.<br>80%<br>94%<br>93%<br>97%<br>100%<br>97%<br>90%<br>94%   | N. bra. 0% 13% 28% 47% 55% 63% 72%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%   | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%<br>100%<br>94%<br>98%   | 30% M. con. 57% 73% 81% 88% 95% 96% 100%   | 20%  L. meg. 76% 86% 98% 100% 89% 90% 90% 89%  | 24%  M. sal. 66% 77% 92% 99% 95% 100% 98%  | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%   | 57%<br>44%<br>1 Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%<br>88%<br>88%<br>95%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%  | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90%  | N. bra. 0% 13% 28% 47% 55% 63% 72% 75%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%   | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%<br>100%<br>94%<br>98%<br>98%  | 30% M. con. 57% 73% 81% 88% 95% 96% 100% 97%   | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80%   | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%   | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%  | 57%<br>44%<br>1 Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%<br>88%<br>88%<br>95%<br>95%   | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%   | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90% 93%  | N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 84%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%<br>98%  | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%<br>100%<br>94%<br>98%<br>94%  | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98%   | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70%   | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 73%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%   | 57%<br>44%<br>Total<br>E. gra.<br>70%<br>81%<br>90%<br>86%<br>91%<br>88%<br>88%<br>95%<br>95%<br>96%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%   | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95%  | N. bra.  0% 13% 28% 47% 55% 63% 72% 77% 84% 85%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%   | 52%<br>40%<br>A. mex.<br>76%<br>88%<br>82%<br>87%<br>90%<br>100%<br>94%<br>98%<br>94%<br>90%                                   | 30% M. con. 57% 73% 81% 88% 95% 95% 100% 97% 98% 99%   | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68%   | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%   | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 73% 70% 67%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>63%<br>60%                             | 57% 44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 96% 100% 96%   | 60%<br>47%<br>47%<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%<br>99%<br>97%   | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 93% 95% 93%   | 62% 46%  N. bra.  0% 13% 28% 47% 55% 63% 72% 77% 84% 85% 90% 94%   | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%<br>98%<br>99%   | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 94% 90% 90% 92%  | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 97%   | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60%   | M. sal. 66% 77% 92% 99% 95% 99% 100% 98% 91% 88% 78%   | 2. cya. 64% 79% 91% 100% 98% 90% 86% 79% 73% 70% 67% 66%  |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65  | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>63%<br>60%<br>59%                      | 57% 44%  1 Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94%   | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>96%                                    | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 93% 90%   | N. bra.  0% 13% 28% 47% 55% 63% 72% 75% 84% 85% 90% 94%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>92%<br>99%<br>98%<br>98%<br>96%<br>100%  | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 94% 90% 90% 90%  | 30%  M. con.  57%  73%  81%  88%  95%  96%  100%  97%  98%  99%  97%  100%   | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 60% 59%   | M. sal. 66% 77% 92% 99% 95% 99% 100% 98% 91% 88% 78% 73% 66% 65%   | 2. cya. 64% 79% 91% 100% 98% 90% 86% 79% 73% 70% 66% 63%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70   | 33%<br>20%<br>- QT 0.75 - Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>63%<br>60%<br>59%                     | 57% 44%  1 Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94%   | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>96%<br>100%                     | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 93% 90% 85%                                     | N. bra.  0% 13% 28% 47% 55% 63% 72% 75% 84% 85% 90% 94% 99%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>99%<br>98%<br>99%<br>98%<br>100%   | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89%  | 30%  M. con.  57%  73%  81%  88%  95%  96%  100%  97%  98%  99%  97%  100%  98%  | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 66% 63% 60% 59%   | M. sal. 66% 77% 92% 99% 95% 99% 100% 98% 91% 88% 78% 66% 65% 59%   | 2. cya. 64% 79% 91% 100% 98% 90% 86% 79% 73% 70% 67% 66% 63% 60%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>63%<br>60%<br>59%<br>59%               | 57% 44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 916% 100% 96% 94% 99% 95%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>96%<br>100%                     | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 90% 85% 82%  | N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 84% 85% 90% 94% 99% 100%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>92%<br>99%<br>98%<br>99%<br>98%<br>96%<br>100%   | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86%  | 30%  M. con.  57%  73%  81%  88%  95%  96%  100%  97%  98%  99%  90%  97%  100%  98%  95%  | 20%  L. meg. 76% 86% 98% 100% 89% 90% 90% 69% 60% 59% 59%  | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  66%  65%  59%  57%   | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 66% 63% 60% 55%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>63%<br>60%<br>59%<br>59%<br>55%<br>54% | 57% 44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 916% 100% 96% 94% 99% 95% 93%  | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>96%<br>100%<br>97%              | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 85% 82% 80%  | N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 77% 84% 85% 90% 99% 100%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%<br>98%<br>96%<br>100%<br>97%<br>93%   | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 94% 90% 90% 90% 89% 86% 83%  | 30% M. con. 57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 99% 99% 90%   | 20%  L. meg. 76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 60% 59% 59% 55%  | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  66%  65%  59%  57%  56%  | 31%  C. cya. 64% 79% 91% 100% 98% 90% 86% 79% 73% 70% 66% 63% 60% 55% 54%   |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>60%<br>59%<br>59%<br>55%<br>54%<br>50% | 57% 44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 96% 100% 96% 94% 99% 95% 93%   | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>97%<br>97%                      | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 93% 95% 85% 82% 80%                                     | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 84% 85% 90% 90% 100% 100%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%<br>98%<br>99%<br>98%<br>96%<br>100%<br>97%<br>93%<br>93%  | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86% 83% 79%  | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 100% 97% 98% 99% 97% 100% 87%   | 20%  L. meg.  76% 866% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 55%  | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  56%  56%   | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 66% 63% 60% 55% 54% 58%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>5<br>60<br>65<br>70<br>75<br>80<br>85<br>90  | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>63%<br>60%<br>59%<br>59%<br>55%<br>54% | 57% 44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 96% 100% 96% 94% 99% 95% 93%   | 60%<br>47%<br>47%<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>97%<br>97%<br>97%                          | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 95% 85% 82% 80% 79% 75%                          | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 77% 844% 85% 90% 90% 100% 99% 96%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%<br>98%<br>96%<br>100%<br>97%<br>93%<br>93%<br>85%<br>80%  | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86% 83% 79% 79%  | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 100% 97% 99% 99% 99% 99% 99% 99% 99% 99% 99                               | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 55% 50% 47%   | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  73%  66%  65%  59%  56%  54%  | 31%  C. cya.  64% 79% 91% 100% 100% 98% 90% 86% 79% 73% 66% 63% 60% 55% 54% 58% 52%                                 |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85   | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>60%<br>59%<br>59%<br>55%<br>54%<br>50% | 57% 44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 96% 100% 96% 94% 99% 95% 93%   | 60%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>97%<br>97%                      | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 93% 95% 85% 82% 80%                                     | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 84% 85% 90% 90% 100% 100%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%<br>98%<br>99%<br>98%<br>96%<br>100%<br>97%<br>93%<br>93%  | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86% 83% 79%  | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 100% 97% 98% 99% 97% 100% 87%   | 20%  L. meg.  76% 866% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 55%  | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  56%  56%   | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 66% 63% 60% 55% 54% 58%  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>5<br>60<br>65<br>70<br>75<br>80<br>85<br>90  | 33%<br>20%<br>- QT 0.75 -Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>77%<br>70%<br>68%<br>63%<br>60%<br>59%<br>59%<br>55%<br>54% | 57% 44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 96% 100% 96% 94% 99% 95% 93%   | 60%<br>47%<br>47%<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>97%<br>97%<br>97%                          | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 95% 85% 82% 80% 79% 75%                          | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 77% 844% 85% 90% 90% 100% 99% 96%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>97%<br>99%<br>98%<br>96%<br>100%<br>97%<br>93%<br>93%<br>85%<br>80%  | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86% 83% 79% 79%  | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 100% 97% 99% 99% 99% 99% 99% 99% 99% 99% 99                               | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 55% 50% 47%   | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  73%  66%  65%  59%  56%  54%  | 31%  C. cya.  64% 79% 91% 100% 100% 98% 90% 86% 79% 73% 66% 63% 60% 55% 54% 58% 52%                                 |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90   | 33%<br>20%<br>- QT 0.75 - Rur<br>Min All<br>0%<br>13%<br>28%<br>47%<br>55%<br>63%<br>72%<br>75%<br>70%<br>68%<br>63%<br>60%<br>59%<br>59%<br>55%<br>54%       | 57% 44%  A Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94% 99% 95% 93% 93%   | 60%<br>47%<br>47%<br>C. pro.<br>56%<br>72%<br>80%<br>81%<br>85%<br>87%<br>90%<br>90%<br>95%<br>95%<br>95%<br>95%<br>97%<br>97%<br>97%<br>97%<br>97% | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 95% 95% 75% 75%                                 | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 77% 84% 85% 90% 94% 99% 100% 100% 99% 96%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>99%<br>98%<br>96%<br>100%<br>97%<br>93%<br>93%<br>85%<br>80%<br>78%  | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 94% 90% 90% 89% 86% 83% 79% 79% 81%                                      | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 100% 97% 99% 99% 99% 99% 99% 99% 99% 99% 99                               | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 59% 50% 47%                                     | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  66%  65%  59%  56%  54%  51%   | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 66% 63% 60% 55% 54% 58% 52%                                      |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100  | 33% 20%  - QT 0.75 -Rur Min All 0% 13% 28% 47% 55% 63% 72% 75% 70% 68% 60% 59% 59% 55% 54% 50% 47% 44%  | 57% 44%  A Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94% 99% 95% 93% 93% 93%   | 60% 47%  C. pro. 56% 72% 80% 81% 85% 87% 90% 95% 95% 95% 95% 95% 97% 96% 100% 97% 97% 97% 97% 93% 90% 83%   | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 95% 95% 75% 75%                                  | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 90% 94% 99% 99% 100% 100% 99% 96% 95% 94%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>99%<br>98%<br>99%<br>98%<br>99%<br>98%<br>96%<br>100%<br>93%<br>85%<br>80%<br>78%                                    | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 94% 90% 90% 89% 86% 83% 79% 79% 81% 81%                                  | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 99% 99% 97% 100% 98% 95% 90% 87% 91% 88% 84%                              | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 55% 50% 44% 44% 39%                             | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  73%  66%  55%  56%  54%  51%  49%  41%                                    | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 73% 70% 67% 66% 63% 60% 55% 54% 58% 52% 51%                      |
| 350<br>400<br>500<br>Pecoss<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150   | 33% 20%  - QT 0.75 - Rur Min All 0% 13% 28% 47% 55% 63% 72% 75% 77% 70% 68% 63% 60% 59% 55% 54% 50% 44% 44% 39% 38%   | 57% 44%  A Total E. gra.  70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94% 99% 95% 93% 93% 93% 93% 89% 82%                                  | 60% 47%  C. pro. 56% 72% 80% 81% 85% 87% 90% 95% 95% 95% 95% 97% 96% 100% 97% 97% 97% 97% 93% 90% 83% 80%   | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 82% 80% 79% 75% 75% 75% 84%                     | N. bra.  0% 13% 28% 47% 55% 63% 72% 75% 77% 84% 85% 90% 94% 99% 100% 100% 99% 96% 95% 94% 97%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>92%<br>92%<br>93%<br>98%<br>98%<br>98%<br>98%<br>98%<br>96%<br>100%<br>97%<br>93%<br>85%<br>80%<br>74%<br>68%<br>61% | 52% 40%  A. mex.  76% 88% 82% 87% 90% 100% 94% 98% 98% 94% 90% 90% 92% 90% 89% 86% 83% 79% 81% 81% 81% 88%                     | 30%  M. con.  57% 73% 81% 88% 95% 95% 96% 100% 97% 98% 99% 99% 91% 100% 98% 95% 90% 87% 91% 88% 84% 80% 70%                      | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 55% 44% 44% 39% 38%                             | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  73%  66%  65%  59%  57%  56%  54%  49%  41%  41%                          | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 73% 70% 66% 63% 60% 55% 54% 58% 52% 51% 44% 40%                  |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>99<br>95<br>100<br>125<br>150<br>175   | 33% 20%  - QT 0.75 - Rur Min All 0% 13% 28% 47% 55% 63% 72% 75% 70% 68% 63% 60% 59% 59% 55% 54% 50% 44% 44% 39% 38% 36%                                       | 57% 44%  1 Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94% 99% 95% 93% 93% 93% 93% 88% 88% 88%                               | 60% 47%  C. pro. 56% 72% 80% 81% 85% 87% 90% 95% 95% 95% 95% 97% 96% 100% 97% 97% 97% 97% 97% 97% 97% 97%   | 47% 33%  D. arg. 80% 94% 93% 97% 100% 97% 90% 94% 90% 95% 95% 95% 82% 80% 79% 75% 75% 84% 72% 60%                      | N. bra.  0% 13% 28% 47% 55% 63% 72% 75% 77% 84% 85% 90% 99% 100% 100% 99% 96% 95% 94% 97% 99%  | 37%<br>24%<br>N. ama.<br>60%<br>73%<br>80%<br>85%<br>92%<br>92%<br>92%<br>92%<br>92%<br>93%<br>98%<br>99%<br>98%<br>96%<br>100%<br>97%<br>93%<br>85%<br>80%<br>74%<br>68%<br>61%               | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86% 83% 79% 81% 97% 88% 77%                              | 30%  M. con.  57%  73%  81%  88%  95%  96%  100%  97%  98%  99%  99%  99%  91%  88%  84%  88%  70%  55%                          | 20%  L. meg. 76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 55% 50% 47% 44% 44% 39% 38% 43%                      | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  66%  65%  59%  57%  56%  54%  41%  41%  44%                          | 31%  C. cya. 64% 79% 91% 100% 98% 90% 86% 79% 66% 63% 60% 55% 54% 58% 52% 51% 44% 40% 36%                           |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>90<br>100<br>125<br>150<br>100<br>175<br>20<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100   | 33% 20%  - QT 0.75 -Rur Min All 0% 13% 28% 47% 55% 63% 72% 75% 77% 70% 68% 63% 60% 59% 59% 55% 54% 50% 44% 39% 38% 36% 36%                                    | 57% 44%  1 Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 96% 100% 96% 94% 99% 95% 93% 93% 93% 93% 88% 88% 88% 88% 88%                           | 60% 47%  C. pro. 56% 72% 80% 81% 85% 87% 90% 95% 95% 95% 95% 97% 96% 100% 97% 97% 97% 97% 97% 97% 97% 97% 97% 97                                    | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 82% 80% 79% 75% 75% 75% 844% 72% 60% 51%            | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 84% 85% 90% 94% 99% 99% 100% 100% 99% 96% 95% 94% 97% 99% 90%  | 37% 24%  N. ama. 60% 73% 80% 85% 92% 92% 92% 97% 99% 98% 99% 98% 96% 100% 97% 93% 85% 80% 78% 74% 68% 61% 44% 36%  | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 94% 90% 90% 89% 86% 83% 79% 81% 81% 97% 88% 77% 76%                          | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 99% 99% 97% 100% 98% 95% 90% 87% 91% 88% 84% 80% 70% 55% 49%              | 20%  L. meg. 76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 55% 50% 44% 44% 39% 38% 43% 40%                  | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  56%  56%  54%  51%  41%  44%  38%                                    | 31%  C. cya. 64% 79% 91% 100% 98% 90% 86% 79% 73% 70% 66% 63% 60% 55% 54% 58% 52% 51% 44% 40% 36% 36%               |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>20<br>25<br>20<br>25<br>20<br>25<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20                        | 33% 20%  - QT 0.75 -Rur Min All 0% 13% 28% 47% 55% 63% 72% 75% 77% 70% 68% 63% 60% 59% 59% 55% 54% 50% 44% 39% 38% 36% 36% 36% 35%                            | 57% 44%  44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94% 99% 95% 93% 93% 93% 93% 89% 88% 88% 88% 88% 88% 88% 88% 88% 88 | 60% 47%  C. pro. 56% 72% 80% 81% 85% 87% 90% 95% 95% 95% 95% 97% 97% 97% 97% 97% 97% 97% 97% 97% 97   | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 75% 82% 80% 79% 75% 84% 72% 60% 51%             | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 77% 84% 85% 90% 99% 100% 100% 99% 96% 95% 94% 97% 99% 99% 99% 99% 99%  | 37% 24%  N. ama. 60% 73% 80% 85% 92% 92% 92% 97% 99% 98% 96% 100% 97% 93% 85% 80% 78% 74% 68% 61% 44% 36% 40%  | 52% 40%  A. mex. 76% 88% 82% 87% 90% 100% 94% 98% 98% 94% 90% 90% 89% 86% 83% 79% 81% 81% 97% 88% 77% 76% 53%                  | 30%  M. con.  57%  73%  81%  88%  95%  96%  100%  97%  98%  99%  99%  99%  91%  87%  91%  88%  84%  80%  70%  55%  49%  52%      | 20%  L. meg. 76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 55% 50% 47% 44% 44% 39% 38% 40% 38%              | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  56%  56%  54%  51%  49%  41%  44%  38%  35%                          | 31%  C. cya. 64% 79% 91% 100% 98% 90% 86% 79% 73% 70% 66% 63% 60% 55% 54% 58% 52% 51% 44% 40% 36% 40%               |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>125<br>150<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40          | 33% 20%  - QT 0.75 -Rur Min All 0% 13% 28% 47% 55% 63% 72% 75% 77% 68% 60% 59% 59% 55% 54% 44% 44% 39% 38% 36% 36% 35% 25%                                    | 57% 44%  44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94% 99% 95% 93% 93% 93% 82% 88% 88% 88% 88% 88% 88% 88% 95% 96%    | 60% 47%  C. pro. 56% 72% 80% 81% 85% 87% 90% 95% 95% 95% 95% 97% 97% 97% 97% 97% 97% 97% 97% 97% 97   | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 75% 75% 75% 75% 75% 75% 84% 72% 60% 51% 51%     | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 77% 84% 85% 90% 94% 99% 99% 100% 100% 99% 96% 95% 94% 97% 94% 97% 94% 97% 98% 98% 98% 98% 98%                                    | 37% 24%  N. ama. 60% 73% 80% 85% 92% 92% 97% 99% 98% 96% 100% 97% 93% 85% 80% 78% 66% 61% 44% 36% 40% 34%  | 52% 40%  A. mex.  76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86% 83% 79% 81% 81% 97% 88% 77% 76% 53% 43%             | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 99% 97% 100% 98% 99% 97% 100% 95% 90% 87% 91% 88% 84% 80% 70% 55% 49% 52% | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 55% 50% 47% 44% 38% 40% 38% 40% 38% 26%         | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  73%  66%  65%  59%  56%  54%  51%  49%  41%  44%  38%  35%  25%      | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 73% 66% 63% 60% 55% 54% 58% 52% 51% 44% 40% 36% 40% 35%          |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>159<br>200<br>259<br>300<br>359<br>35<br>40<br>45<br>300<br>35<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40 | 33% 20%  - QT 0.75 -Rur Min All 0% 13% 28% 47% 55% 63% 72% 75% 70% 68% 63% 60% 59% 55% 54%  | 57% 44%  A Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94% 99% 93% 93% 93% 93% 89% 82% 86% 81% 75% 60% 58%                   | 60% 47%  C. pro. 56% 72% 80% 81% 85% 87% 90% 95% 95% 95% 95% 97% 97% 97% 97% 97% 97% 97% 97% 97% 97   | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 75% 75% 75% 75% 75% 75% 75% 84% 72% 60% 51% 51% | 62% 46% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 77% 84% 85% 90% 94% 99% 99% 100% 100% 99% 96% 95% 94% 97% 99% 96% 95% 94% 97% 98% 97% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98 | 37% 24%  N. ama. 60% 73% 80% 85% 92% 92% 97% 99% 98% 96% 100% 97% 93% 98% 68% 68% 61% 44% 36% 40% 34% 30%  | 52% 40%  A. mex.  76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86% 83% 79% 81% 81% 81% 81% 87% 88% 77% 76% 53% 43% 38% | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 99% 99% 97% 100% 98% 99% 95% 90% 87% 91% 88% 84% 80% 70% 55% 44% 33%      | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 55% 50% 47% 44% 44% 39% 38% 40% 38% 40% 38% 26% 18% | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  66%  65%  59%  57%  56%  54%  51%  49%  41%  44%  38%  35%  25%  15% | 31%  C. cya.  64% 79% 91% 100% 100% 98% 90% 86% 79% 73% 66% 63% 60% 55% 54% 58% 52% 51% 44% 40% 36% 36% 40% 35% 19% |
| 350<br>400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>125<br>150<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40          | 33% 20%  - QT 0.75 -Rur Min All 0% 13% 28% 47% 55% 63% 72% 75% 77% 68% 60% 59% 59% 55% 54% 44% 44% 39% 38% 36% 36% 35% 25%                                    | 57% 44%  44%  Total E. gra. 70% 81% 90% 86% 91% 88% 88% 95% 95% 96% 100% 96% 94% 99% 95% 93% 93% 93% 82% 88% 88% 88% 88% 88% 88% 88% 95% 96%    | 60% 47%  C. pro. 56% 72% 80% 81% 85% 87% 90% 95% 95% 95% 95% 97% 97% 97% 97% 97% 97% 97% 97% 97% 97   | 47% 33%  D. arg.  80% 94% 93% 97% 100% 97% 90% 94% 90% 93% 95% 95% 95% 75% 75% 75% 75% 75% 75% 75% 84% 72% 60% 51% 51% | 62% 46%  N. bra. 0% 13% 28% 47% 55% 63% 72% 75% 77% 84% 85% 90% 94% 99% 99% 100% 100% 99% 96% 95% 94% 97% 94% 97% 94% 97% 98% 98% 98% 98% 98%                                    | 37% 24%  N. ama. 60% 73% 80% 85% 92% 92% 97% 99% 98% 96% 100% 97% 93% 85% 80% 78% 66% 61% 44% 36% 40% 34%  | 52% 40%  A. mex.  76% 88% 82% 87% 90% 100% 94% 98% 98% 90% 90% 90% 89% 86% 83% 79% 81% 81% 97% 88% 77% 76% 53% 43%             | 30%  M. con.  57% 73% 81% 88% 95% 96% 100% 97% 98% 99% 99% 97% 100% 98% 99% 97% 100% 95% 90% 87% 91% 88% 84% 80% 70% 55% 49% 52% | 20%  L. meg.  76% 86% 98% 100% 89% 90% 90% 89% 80% 70% 68% 63% 60% 59% 59% 55% 50% 47% 44% 38% 40% 38% 40% 38% 26%         | 24%  M. sal.  66%  77%  92%  99%  95%  99%  100%  98%  91%  88%  78%  73%  66%  65%  59%  56%  54%  51%  49%  41%  44%  38%  35%  25%      | 31%  C. cya. 64% 79% 91% 100% 100% 98% 90% 86% 79% 73% 66% 63% 60% 55% 54% 58% 52% 51% 44% 40% 36% 40% 35%          |

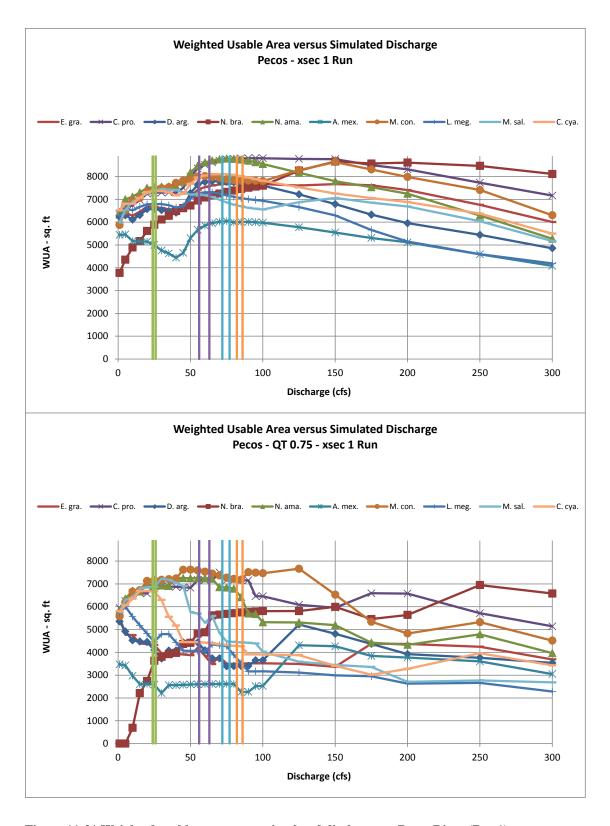


Figure 11-31 Weighted usable area versus simulated discharge at Pecos River (Run1).

Table 11-31 Percent of maximum WUA versus simulated discharge at Pecos River (Run 1).

| Pecos   | -xsec 1 Run  |  |  |  |   |  |  |  |  |   |  |
|---|--|--|--|--|---|--|--|--|--|---|--|
| Q   | Min All  | E. gra.  | C. pro.  | D. arg.  | N. bra.   | N. ama.  | A. mex.  | M. con.  | L. meg.  | M. sal.   | C. cya.  |
| 1   | 44%  | 82%  | 72%  | 80%  | 44%   | 73%  | 90%  | 68%  | 86%  | 80%   | 80%  |
| 5   | 50%  | 83%  | 76%  | 81%  | 50%   | 80%  | 90%  | 75%  | 90%  | 88%   | 84%  |
| 10  | 56%  | 82%  | 77%  | 78%  | 56%   | 81%  | 86%  | 80%  | 89%  | 93%   | 84%  |
| 15  | 60%  | 84%  | 79%  | 81%  | 60%   | 83%  | 85%  | 82%  | 91%  | 95%   | 87%  |
| 20  | 65%  | 87%  | 82%  | 84%  | 65%   | 85%  | 85%  | 85%  | 93%  | 98%   | 90%  |
| 25  | 68%  | 87%  | 83%  | 84%  | 68%   | 86%  | 83%  | 86%  | 93%  | 99%   | 91%  |
| 30  | 71%  | 86%  | 83%  | 84%  | 71%   | 86%  | 79%  | 87%  | 93%  | 100%  | 91%  |
| 35  | 73%  | 85%  | 83%  | 83%  | 73%   | 86%  | 77%  | 87%  | 92%  | 100%  | 90%  |
| 40  | 74%  | 85%  | 83%  | 82%  | 75%   | 86%  | 74%  | 89%  | 91%  | 99%   | 88%  |
| 45  | 76%  | 87%  | 85%  | 85%  | 76%   | 88%  | 77%  | 91%  | 92%  | 98%   | 89%  |
| 50  | 78%  | 93%  | 91%  | 93%  | 78%   | 93%  | 88%  | 91%  | 96%  | 97%   | 95%  |
| 55  | 80%  | 97%  | 95%  | 98%  | 80%   | 96%  | 94%  | 93%  | 99%  | 97%   | 98%  |
| 60  | 82%  | 98%  | 97%  | 100%   | 82%   | 98%  | 97%  | 93%  | 100%   | 96%   | 99%  |
| 65  | 83%  | 99%  | 98%  | 100%   | 83%   | 99%  | 99%  | 92%  | 100%   | 95%   | 100%   |
| 70  | 84%  | 99%  | 99%  | 100%   | 84%   | 100%   | 100%   | 92%  | 99%  | 94%   | 100%   |
| 75  | 85%  | 100%   | 99%  | 100%   | 85%   | 100%   | 100%   | 91%  | 98%  | 92%   | 100%   |
| 80  | 85%  | 100%   | 100%   | 99%  | 85%   | 100%   | 99%  | 91%  | 97%  | 91%   | 100%   |
| 85  | 86%  | 100%   | 100%   | 99%  | 86%   | 100%   | 99%  | 91%  | 96%  | 90%   | 99%  |
| 90  | 87%  | 100%   | 100%   | 99%  | 87%   | 99%  | 100%   | 91%  | 96%  | 89%   | 98%  |
| 95  | 87%  | 100%   | 100%   | 98%  | 87%   | 98%  | 99%  | 90%  | 95%  | 88%   | 97%  |
| 100   | 88%  | 100%   | 100%   | 97%  | 88%   | 97%  | 99%  | 90%  | 95%  | 88%   | 96%  |
| 125   | 91%  | 99%  | 100%   | 93%  | 95%   | 93%  | 96%  | 96%  | 91%  | 92%   | 93%  |
| 150   | 86%  | 100%   | 99%  | 87%  | 100%  | 89%  | 92%  | 100%   | 86%  | 95%   | 89%  |
| 175   | 77%  | 99%  | 96%  | 81%  | 99%   | 86%  | 88%  | 96%  | 77%  | 92%   | 87%  |
| 200   | 70%  | 96%  | 94%  | 76%  | 99%   | 82%  | 85%  | 92%  | 70%  | 90%   | 85%  |
| 250   | 63%  | 88%  | 88%  | 70%  | 98%   | 72%  | 76%  | 86%  | 63%  | 81%   | 79%  |
| 300   | 57%  | 78%  | 81%  | 62%  | 94%   | 60%  | 68%  | 73%  | 57%  | 69%   | 68%  |
| 350   | 47%  | 68%  | 72%  | 56%  | 78%   | 54%  | 62%  | 60%  | 47%  | 56%   | 56%  |
| 400   | 38%  | 59%  | 62%  | 47%  | 66%   | 49%  | 57%  | 50%  | 38%  | 46%   | 47%  |
| 500   | 28%  | 46%  | 47%  | 31%  | 50%   | 33%  | 41%  | 33%  | 28%  | 30%   | 32%  |
|   |  |  |  |  |   |  |  |  |  |   |  |
|   |  |  |  |  |   |  |  |  |  |   |  |
|   | - QT 0.75 - xse  |  | C  | D  | NI hara   | N  |  | M  |  | <b>84</b> l   | 6  |
| _Q  | Min All  | E. gra.  | C. pro.  | D. arg.  | N. bra.   | N. ama.  | A. mex.  | M. con.  | L. meg.  | M. sal.   | C. cya.  |
| Q<br>1  | Min All<br>0%  | E. gra.<br>100%  | 79%  | 100%   | 0%  | 80%  | 81%  | 73%  | 95%  | 80%   | 87%  |
| Q<br>1<br>5   | Min All<br>0%<br>0%  | E. gra.<br>100%<br>86%   | 79%<br>83%   | 100%<br>92%  | 0%<br>0%  | 80%<br>88%   | 81%<br>79%   | 73%<br>81%   | 95%<br>100%  | 80%<br>87%  | 87%<br>91%   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>0%<br>12%   | E. gra.<br>100%<br>86%<br>85%  | 79%<br>83%<br>88%  | 100%<br>92%<br>84%   | 0%<br>0%<br>12%   | 80%<br>88%<br>92%  | 81%<br>79%<br>69%  | 73%<br>81%<br>87%  | 95%<br>100%<br>92%   | 80%<br>87%<br>89%   | 87%<br>91%<br>95%  |
| 1<br>5<br>10<br>15  | Min All<br>0%<br>0%<br>12%<br>37%  | E. gra.<br>100%<br>86%<br>85%<br>79%   | 79%<br>83%<br>88%<br>88%   | 100%<br>92%<br>84%<br>84%  | 0%<br>0%<br>12%<br>37%  | 80%<br>88%<br>92%<br>92%   | 81%<br>79%<br>69%<br>60%   | 73%<br>81%<br>87%<br>88%   | 95%<br>100%<br>92%<br>86%  | 80%<br>87%<br>89%<br>94%  | 87%<br>91%<br>95%<br>100%  |
| Q<br>1<br>5<br>10<br>15<br>20   | Min All 0% 0% 12% 37% 46%  | E. gra.  100%  86%  85%  79%  78%  | 79%<br>83%<br>88%<br>88%   | 100%<br>92%<br>84%<br>84%<br>83%   | 0%<br>0%<br>12%<br>37%<br>46%   | 80%<br>88%<br>92%<br>92%<br>96%  | 81%<br>79%<br>69%<br>60%<br>61%  | 73%<br>81%<br>87%<br>88%<br>93%  | 95%<br>100%<br>92%<br>86%<br>80%   | 80%<br>87%<br>89%<br>94%<br>95%   | 87%<br>91%<br>95%<br>100%<br>100%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25   | Min All  0%  0%  12%  37%  46%  60%  | E. gra.  100%  86%  85%  79%  78%  | 79%<br>83%<br>88%<br>88%<br>88%<br>92%   | 100%<br>92%<br>84%<br>84%<br>83%<br>76%  | 0%<br>0%<br>12%<br>37%<br>46%   | 80%<br>88%<br>92%<br>92%<br>96%  | 81%<br>79%<br>69%<br>60%<br>61%  | 73%<br>81%<br>87%<br>88%<br>93%  | 95%<br>100%<br>92%<br>86%<br>80%<br>74%  | 80%<br>87%<br>89%<br>94%<br>95%   | 87%<br>91%<br>95%<br>100%<br>100%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | Min All 0% 0% 12% 37% 46% 60%  | E. gra.  100% 86% 85% 79% 78% 78% 71%  | 79%<br>83%<br>88%<br>88%<br>88%<br>92%   | 100%<br>92%<br>84%<br>84%<br>83%<br>76%  | 0%<br>0%<br>12%<br>37%<br>46%<br>61%  | 80%<br>88%<br>92%<br>92%<br>96%<br>96%   | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%  | 73%<br>81%<br>87%<br>88%<br>93%<br>93%   | 95%<br>100%<br>92%<br>86%<br>80%<br>74%  | 80%<br>87%<br>89%<br>94%<br>95%<br>95%  | 87%<br>91%<br>95%<br>100%<br>100%<br>100%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | Min All  0%  0%  12%  37%  46%  60%  51%  59%  | E. gra.  100% 86% 85% 79% 78% 78% 71%  | 79%<br>83%<br>88%<br>88%<br>92%<br>92%<br>92%  | 100%<br>92%<br>84%<br>84%<br>83%<br>76%<br>70%   | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%  | 80%<br>88%<br>92%<br>96%<br>96%<br>96%<br>95%  | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%   | 73%<br>81%<br>87%<br>88%<br>93%<br>93%<br>94%<br>94%   | 95%<br>100%<br>92%<br>86%<br>80%<br>74%<br>80%<br>80%  | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%   | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | Min All 0% 0% 12% 37% 46% 60% 51% 59%  | E. gra.  100%  86%  85%  79%  78%  71%  71%  | 79%<br>83%<br>88%<br>88%<br>88%<br>92%<br>92%<br>92%<br>92%                                  | 100%<br>92%<br>84%<br>84%<br>83%<br>76%<br>70%<br>76%  | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%<br>66%   | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>95%   | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%   | 73%<br>81%<br>87%<br>88%<br>93%<br>94%<br>94%<br>94%   | 95%<br>100%<br>92%<br>86%<br>80%<br>74%<br>80%<br>80%<br>74%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%   | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%   | E. gra.  100%  86%  85%  79%  78%  71%  71%  70%   | 79%<br>83%<br>88%<br>88%<br>92%<br>92%<br>92%<br>92%<br>91%                                  | 100%<br>92%<br>84%<br>84%<br>83%<br>76%<br>70%<br>76%<br>76%<br>83%                                    | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%<br>66%<br>73%  | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>95%<br>100%   | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%<br>59%  | 73%<br>81%<br>87%<br>88%<br>93%<br>93%<br>94%<br>94%<br>94%<br>99%                           | 95%<br>100%<br>92%<br>86%<br>80%<br>74%<br>80%<br>80%<br>74%<br>68%                                      | 80%<br>87%<br>89%<br>94%<br>95%<br>100%<br>99%<br>98%<br>95%  | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%<br>67%  |
| 2<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | Min All 0% 0% 12% 37% 46% 60% 51% 59% 60% 60%  | E. gra.  100% 86% 85% 79% 78% 71% 71% 70%  | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91%  | 100%<br>92%<br>84%<br>84%<br>83%<br>76%<br>76%<br>76%<br>83%<br>83%                                    | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%<br>66%<br>73%  | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>95%<br>100%<br>100%   | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%<br>59%<br>60%   | 73%<br>81%<br>87%<br>88%<br>93%<br>93%<br>94%<br>94%<br>94%<br>99%                           | 95% 100% 92% 86% 80% 74% 80% 74% 68%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%  | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%<br>67%  |
| 20<br>15<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All 0% 0% 12% 37% 46% 60% 51% 59% 60% 60%  | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 75%  | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91%  | 100%<br>92%<br>84%<br>84%<br>83%<br>76%<br>70%<br>76%<br>83%<br>83%                                    | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>65%<br>66%<br>73%<br>74%  | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>95%<br>100%<br>100%  | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%<br>60%<br>60%   | 73%<br>81%<br>87%<br>88%<br>93%<br>93%<br>94%<br>94%<br>99%<br>99%                           | 95% 100% 92% 86% 80% 74% 80% 74% 68% 68%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%  | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%<br>67%<br>67%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%   | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 70% 69%  | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95%  | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 83%   | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>66%<br>73%<br>74%<br>80%<br>81%                                    | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>100%<br>100%<br>100%  | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%<br>60%<br>60%<br>60%  | 73%<br>81%<br>87%<br>88%<br>93%<br>94%<br>94%<br>94%<br>99%<br>99%                           | 95% 100% 92% 86% 80% 74% 80% 80% 68% 66% 67%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%  | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%<br>67%<br>66%<br>66%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  60%  | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 75% 69% 63%  | 79% 83% 88% 88% 88% 92% 92% 92% 92% 95% 95%  | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 83% 76%   | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%<br>66%<br>73%<br>74%<br>80%<br>81%                             | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>100%<br>100%<br>100%  | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%<br>60%<br>60%<br>60%  | 73% 81% 87% 88% 93% 94% 94% 94% 99% 99% 99%  | 95% 100% 92% 86% 80% 74% 80% 74% 68% 66% 67% 67%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%  | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%<br>67%<br>66%<br>66%  |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70  | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  60%  61%   | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 70% 69% 63%  | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 100%   | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 76% 70% 70%   | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>66%<br>73%<br>74%<br>80%<br>81%<br>94%                             | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>100%<br>100%<br>100%<br>100%  | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%<br>60%<br>60%<br>60%<br>60%                                     | 73% 81% 87% 88% 93% 94% 94% 94% 99% 99% 99%  | 95% 100% 92% 86% 80% 74% 80% 74% 68% 66% 67% 72%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>77%   | 87% 91% 95% 100% 100% 100% 94% 83% 77% 66% 66% 66% 66%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75                                      | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  60%  61%  61%  | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 70% 69% 63% 69%                                    | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 100% 95%                                     | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 83% 76% 70%   | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%<br>66%<br>73%<br>74%<br>80%<br>81%<br>94%                      | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>100%<br>100%<br>100%<br>100%<br>100%  | 81% 79% 69% 60% 61% 60% 51% 59% 60% 60% 60% 60% 61% 61%  | 73% 81% 87% 88% 93% 94% 94% 94% 99% 99% 99% 98% 97%  | 95% 100% 92% 86% 80% 74% 80% 68% 66% 67% 67% 72% 71%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>77%<br>67%  | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%<br>67%<br>66%<br>66%<br>66%<br>65%                                    |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80                                | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  60%  61%  61%  | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 70% 69% 63% 69% 63%                                | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 100% 95%                                     | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 76% 70% 63% 63%   | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%<br>66%<br>73%<br>74%<br>80%<br>81%<br>94%<br>95%               | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>95%<br>100%<br>100%<br>100%<br>100%<br>95%<br>94%   | 81% 79% 69% 60% 61% 51% 59% 60% 60% 60% 60% 61% 61%  | 73% 81% 87% 88% 93% 93% 94% 94% 99% 99% 99% 99% 95% 95% 94%                                  | 95% 100% 92% 86% 80% 74% 80% 68% 67% 67% 72% 71% 65%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>77%<br>62%<br>62%   | 87% 91% 95% 100% 100% 100% 94% 83% 77% 67% 66% 66% 66% 65% 65% 64%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>65<br>70<br>75<br>80                                 | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  61%  52%                                   | E. gra.  100% 86% 85% 79% 78% 71% 71% 71% 70% 69% 63% 69% 63% 63% 63%                        | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 100% 95% 95%                                 | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 75% 70% 63% 63%   | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%<br>66%<br>73%<br>74%<br>80%<br>81%<br>94%<br>95%<br>95%        | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>95%<br>100%<br>100%<br>100%<br>100%<br>40%<br>95%<br>94%<br>94%   | 81% 79% 69% 60% 61% 51% 59% 60% 60% 60% 60% 61% 61% 61% 52%  | 73% 81% 87% 88% 93% 93% 94% 94% 94% 99% 99% 99% 99% 95% 94% 94%                              | 95% 100% 92% 86% 80% 74% 80% 74% 68% 67% 67% 72% 71% 65% 59%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>77%<br>62%<br>62%<br>61%  | 87% 91% 95% 100% 100% 100% 94% 83% 77% 66% 66% 66% 65% 65% 64%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90                    | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  52%  53%                                   | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 70% 69% 63% 63% 63% 63%                            | 79% 83% 88% 88% 88% 92% 92% 92% 91% 916% 95% 95% 100% 95% 95%                                | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 76% 70% 63% 63% 64%   | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>63%<br>65%<br>66%<br>73%<br>74%<br>80%<br>81%<br>94%<br>95%<br>95%<br>96% | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>95%<br>100%<br>100%<br>100%<br>100%<br>40%<br>95%<br>94%<br>94%<br>88%<br>79%                               | 81% 79% 69% 60% 61% 60% 51% 59% 60% 60% 61% 61% 61% 61% 52% 53%  | 73% 81% 87% 88% 93% 93% 94% 94% 94% 99% 99% 95% 94% 94% 95%                                  | 95% 100% 92% 86% 80% 74% 80% 74% 68% 67% 67% 72% 71% 65% 59% 53%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>77%<br>62%<br>62%<br>61%<br>61%   | 87% 91% 95% 100% 100% 100% 94% 83% 77% 66% 66% 66% 65% 65% 64% 64% 58%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90                                | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  52%  53%  53%                              | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 69% 63% 63% 63% 63% 63%                            | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 86%                                      | 100%<br>92%<br>84%<br>84%<br>83%<br>76%<br>76%<br>83%<br>83%<br>76%<br>70%<br>70%<br>63%<br>63%<br>64% | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>65%<br>66%<br>73%<br>74%<br>80%<br>81%<br>94%<br>95%<br>95%<br>96%<br>96% | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>100%<br>100%<br>100%<br>100%<br>100%<br>104<br>100%<br>104<br>106<br>94%<br>94%<br>88%<br>79%               | 81%<br>79%<br>69%<br>60%<br>61%<br>50%<br>59%<br>60%<br>60%<br>60%<br>60%<br>61%<br>51%<br>52%<br>53%<br>58%         | 73% 81% 87% 88% 93% 93% 94% 94% 99% 99% 99% 99% 99% 98% 97% 96% 95% 94% 98%                  | 95% 100% 92% 86% 80% 74% 80% 68% 68% 67% 67% 72% 71% 65% 59% 53%   | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>67%<br>62%<br>61%<br>61%  | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%<br>67%<br>66%<br>66%<br>66%<br>66%<br>65%<br>64%<br>64%<br>58%<br>58% |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90                    | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  52%  53%  53%                              | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 75% 69% 63% 63% 63% 63% 63% 63%                    | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 86% 86%                                  | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 76% 70% 63% 63% 64% 68%                                       | 0%<br>0%<br>12%<br>37%<br>46%<br>61%<br>65%<br>66%<br>73%<br>74%<br>80%<br>81%<br>94%<br>95%<br>95%<br>96%<br>97% | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>95%<br>100%<br>100%<br>100%<br>100%<br>104<br>100%<br>104<br>105%<br>94%<br>94%<br>88%<br>79%<br>78%        | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%<br>60%<br>60%<br>60%<br>61%<br>61%<br>52%<br>53%<br>58%<br>59%  | 73% 81% 87% 88% 93% 93% 94% 94% 99% 99% 99% 99% 98% 97% 96% 95% 94% 98% 97%                  | 95% 100% 92% 86% 80% 74% 80% 68% 67% 67% 72% 72% 71% 655% 53% 53%  | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>67%<br>62%<br>61%<br>61%<br>56%   | 87%<br>91%<br>95%<br>100%<br>100%<br>100%<br>94%<br>83%<br>77%<br>67%<br>66%<br>66%<br>66%<br>66%<br>65%<br>64%<br>58%<br>58%        |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125       | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  61%  61%  61%  52%  53%  53%  53%                         | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 75% 69% 63% 63% 63% 63% 63% 63% 63%                | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 95% 86% 86% 81%                          | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 76% 70% 63% 63% 63% 64% 68% 97%                               | 0% 0% 12% 37% 46% 61% 65% 66% 73% 74% 80% 81% 94% 95% 95% 95% 97% 97%   | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>95%<br>100%<br>100%<br>100%<br>100%<br>104<br>100%<br>105%<br>94%<br>94%<br>88%<br>79%<br>78%                      | 81%<br>79%<br>69%<br>60%<br>61%<br>60%<br>51%<br>59%<br>60%<br>60%<br>60%<br>61%<br>61%<br>52%<br>53%<br>58%<br>59%  | 73% 81% 87% 88% 93% 93% 94% 94% 94% 99% 99% 98% 97% 96% 94% 94% 94% 94% 94% 94% 94% 94%      | 95% 100% 92% 86% 80% 74% 80% 80% 68% 67% 67% 72% 71% 65% 59% 53% 53% 53%                                 | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>67%<br>62%<br>61%<br>61%<br>56%<br>50%                                    | 87% 91% 95% 100% 100% 100% 94% 833% 77% 67% 66% 66% 66% 65% 64% 64% 58% 58%  |
| 1 5 10 15 20 25 30 35 560 65 70 75 80 85 90 95 100 125 150  | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  51%  53%  53%  53%  53%  50%  48%          | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 75% 69% 63% 63% 63% 63% 63% 63% 63% 63% 63%        | 79% 83% 88% 88% 88% 92% 92% 92% 92% 91% 91% 96% 95% 95% 86% 86% 86% 81% 79%                  | 100% 92% 84% 84% 83% 76% 70% 76% 76% 83% 83% 76% 70% 63% 63% 63% 64% 68% 97% 90%                       | 0% 0% 12% 37% 46% 61% 63% 65% 66% 73% 74% 80% 81% 94% 95% 95% 96% 97% 97% 100%                                    | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>100%<br>100%<br>100%<br>100%<br>100%<br>100%<br>100%<br>95%<br>94%<br>88%<br>79%<br>78%                     | 81% 79% 69% 60% 61% 51% 59% 60% 60% 60% 60% 61% 61% 61% 52% 53% 58% 59% 100% 99%                                     | 73% 81% 87% 88% 93% 94% 94% 94% 99% 99% 99% 98% 97% 96% 94% 94% 94% 94% 94% 98% 97% 100%     | 95% 100% 92% 86% 80% 74% 80% 80% 74% 68% 66% 67% 72% 72% 71% 65% 59% 53% 53% 52% 50%                     | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>62%<br>62%<br>61%<br>61%<br>56%<br>50%                                    | 87% 91% 95% 100% 100% 100% 94% 83% 77% 67% 66% 66% 65% 64% 64% 58% 58% 58% 51%   |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>95<br>100<br>125<br>150<br>175     | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  52%  53%  53%  53%  50%  48%  45%          | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 75% 69% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63     | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 86% 86% 86% 81% 79% 88%                  | 100% 92% 84% 84% 83% 76% 70% 76% 76% 83% 83% 83% 63% 63% 63% 64% 68% 97% 90% 82%                       | 0% 0% 12% 37% 46% 61% 63% 65% 66% 73% 74% 80% 81% 94% 95% 95% 96% 97% 100% 91%                                    | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>100%<br>100%<br>100%<br>100%<br>100%<br>100%<br>75%<br>94%<br>94%<br>88%<br>73%<br>73%<br>73%<br>72%<br>61% | 81% 79% 69% 60% 61% 51% 59% 60% 60% 60% 60% 61% 61% 61% 52% 53% 58% 59% 100% 99% 89%                                 | 73% 81% 87% 88% 93% 94% 94% 94% 99% 99% 98% 97% 96% 95% 94% 94% 98% 97% 100%                 | 95% 100% 92% 86% 80% 74% 80% 74% 68% 66% 67% 72% 71% 65% 53% 53% 53% 53% 54%                             | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>67%<br>62%<br>61%<br>61%<br>61%<br>56%<br>50%<br>48%                      | 87% 91% 95% 100% 100% 100% 94% 83% 77% 67% 66% 66% 65% 65% 65% 64% 58% 58% 58% 58% 58%   |
| 1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>125<br>150<br>175<br>200    | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  52%  53%  53%  53%  53%  53%  53%          | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 75% 69% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63     | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 86% 86% 81% 79% 88% 88%                  | 100% 92% 84% 84% 83% 76% 70% 76% 83% 83% 76% 70% 63% 63% 63% 64% 68% 97% 90% 82%                       | 0% 0% 12% 37% 46% 61% 63% 65% 66% 73% 74% 80% 81% 94% 95% 95% 96% 97% 100% 91% 94%                                | 80%<br>88%<br>92%<br>92%<br>96%<br>96%<br>96%<br>100%<br>100%<br>100%<br>100%<br>100%<br>75%<br>94%<br>94%<br>73%<br>73%<br>73%<br>72%<br>61%                | 81% 79% 69% 60% 61% 51% 59% 60% 60% 60% 60% 61% 61% 51% 52% 53% 58% 59% 100% 99% 88%                                 | 73% 81% 87% 88% 93% 93% 94% 94% 94% 99% 99% 98% 97% 96% 95% 94% 94% 98% 97% 100% 85% 70% 63% | 95% 100% 92% 86% 80% 74% 80% 68% 66% 67% 67% 72% 71% 65% 53% 53% 53% 53% 49% 44%                         | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>67%<br>62%<br>61%<br>61%<br>61%<br>56%<br>50%<br>48%<br>47%<br>37%        | 87% 91% 95% 100% 100% 100% 94% 83% 77% 66% 66% 66% 65% 65% 64% 64% 58% 58% 58% 58% 58% 58% 45% 49%                                   |
| 15<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>125<br>150<br>175<br>200<br>250 | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  52%  53%  53%  53%  53%  53%  53%  53      | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 70% 69% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63     | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 86% 81% 79% 88% 88% 76%                  | 100% 92% 84% 84% 84% 83% 76% 70% 76% 83% 83% 76% 70% 63% 63% 63% 64% 68% 97% 90% 82% 73% 70%           | 0% 0% 12% 37% 46% 61% 63% 65% 66% 73% 74% 80% 81% 94% 95% 95% 96% 97% 100% 91% 94% 116%                           | 80% 88% 92% 92% 96% 96% 96% 100% 100% 100% 100% 170% 100% 100% 100   | 81% 79% 69% 60% 61% 51% 59% 60% 60% 60% 61% 61% 61% 51% 52% 53% 58% 59% 100% 99% 88% 84%                             | 73% 81% 87% 88% 93% 93% 94% 94% 94% 99% 99% 98% 97% 96% 95% 94% 98% 97% 100% 85% 70% 63% 69% | 95% 100% 92% 86% 80% 74% 80% 80% 74% 68% 668% 67% 72% 71% 65% 53% 53% 53% 54% 44% 44%                    | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>73%<br>67%<br>62%<br>61%<br>61%<br>56%<br>50%<br>48%<br>47%<br>37%<br>38%        | 87% 91% 95% 100% 100% 100% 94% 83% 77% 66% 66% 66% 65% 65% 64% 64% 58% 58% 58% 58% 58% 58% 58% 58% 58%                               |
| 9<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 65<br>70 75<br>80 85<br>90 95<br>100 125<br>150 175<br>200 250<br>300        | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  52%  53%  53%  53%  53%  53%  53%  53      | E. gra.  100% 86% 85% 79% 78% 78% 71% 71% 70% 70% 69% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63 | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 100% 95% 95% 86% 86% 81% 79% 88% 88% 76% | 100% 92% 84% 84% 83% 76% 76% 76% 83% 83% 63% 64% 68% 68% 68% 97% 90% 82% 73% 70%                       | 0% 0% 12% 37% 46% 61% 63% 65% 66% 73% 74% 80% 81% 94% 95% 95% 96% 97% 97% 100% 91% 94% 116% 110%                  | 80% 88% 92% 92% 96% 96% 96% 96% 100% 100% 100% 100% 100% 95% 94% 88% 79% 78% 73% 72% 61% 60% 66% 55%   | 81% 79% 69% 60% 61% 51% 59% 60% 60% 60% 60% 61% 51% 59% 60% 80% 61% 61% 52% 53% 58% 59% 100% 99% 88% 84% 71%         | 73% 81% 87% 88% 93% 93% 94% 94% 94% 99% 99% 98% 97% 100% 85% 70% 63% 69% 59%                 | 95% 100% 92% 86% 80% 74% 80% 80% 68% 67% 67% 72% 71% 655% 53% 53% 53% 53% 44% 44% 38%                    | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>67%<br>62%<br>61%<br>61%<br>61%<br>56%<br>47%<br>37%<br>38%<br>37%               | 87% 91% 95% 100% 100% 100% 94% 83% 77% 67% 66% 66% 65% 65% 65% 64% 58% 58% 58% 58% 58% 58% 58% 58% 58% 58                            |
| 0<br>1 5<br>10 15<br>20 25<br>30 35<br>40 45<br>50 55<br>60 65<br>70 75<br>80 85<br>90 95<br>100 125<br>150 250 300 350         | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  61%  52%  53%  53%  53%  53%  53%  53%  53 | E. gra.  100% 86% 85% 79% 78% 71% 71% 70% 75% 69% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63     | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 86% 84% 85% 86% 81% 79% 88% 88% 76%      | 100% 92% 84% 84% 83% 76% 76% 76% 83% 83% 76% 70% 63% 64% 68% 68% 97% 90% 82% 73% 70% 66% 62%           | 0% 0% 12% 37% 46% 61% 63% 65% 66% 73% 74% 80% 81% 94% 95% 96% 97% 97% 91% 100% 91% 94% 116% 110% 86%              | 80% 88% 92% 92% 96% 96% 96% 95% 100% 100% 100% 100% 170% 100% 100% 100   | 81% 79% 69% 60% 61% 59% 59% 60% 60% 60% 61% 61% 51% 59% 60% 61% 61% 61% 61% 52% 53% 58% 59% 100% 99% 88% 84% 71% 66% | 73% 81% 87% 88% 93% 93% 94% 94% 99% 99% 99% 99% 98% 97% 100% 85% 70% 63% 69% 59%             | 95% 100% 92% 86% 80% 74% 80% 80% 74% 68% 68% 67% 67% 72% 72% 71% 65% 59% 53% 53% 52% 50% 44% 44% 38% 35% | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>67%<br>62%<br>61%<br>61%<br>56%<br>50%<br>48%<br>47%<br>37%<br>38%<br>37%<br>29% | 87% 91% 95% 100% 100% 100% 33% 77% 67% 66% 66% 66% 65% 65% 64% 58% 58% 58% 58% 58% 51% 45% 49% 59% 51% 31%                           |
| 9<br>1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 125 150 175 200 250 300   | Min All  0%  0%  12%  37%  46%  60%  51%  59%  60%  60%  60%  61%  61%  52%  53%  53%  53%  53%  53%  53%  53      | E. gra.  100% 86% 85% 79% 78% 78% 71% 71% 70% 70% 69% 63% 63% 63% 63% 63% 63% 63% 63% 63% 63 | 79% 83% 88% 88% 88% 92% 92% 92% 91% 91% 96% 95% 95% 100% 95% 95% 86% 86% 81% 79% 88% 88% 76% | 100% 92% 84% 84% 83% 76% 76% 76% 83% 83% 63% 64% 68% 68% 68% 97% 90% 82% 73% 70%                       | 0% 0% 12% 37% 46% 61% 63% 65% 66% 73% 74% 80% 81% 94% 95% 95% 96% 97% 97% 100% 91% 94% 116% 110%                  | 80% 88% 92% 92% 96% 96% 96% 96% 100% 100% 100% 100% 100% 95% 94% 88% 79% 78% 73% 72% 61% 60% 66% 55%   | 81% 79% 69% 60% 61% 51% 59% 60% 60% 60% 60% 61% 51% 59% 60% 80% 61% 61% 52% 53% 58% 59% 100% 99% 88% 84% 71%         | 73% 81% 87% 88% 93% 93% 94% 94% 94% 99% 99% 98% 97% 100% 85% 70% 63% 69% 59%                 | 95% 100% 92% 86% 80% 74% 80% 80% 68% 67% 67% 72% 71% 655% 53% 53% 53% 53% 44% 44% 38%                    | 80%<br>87%<br>89%<br>94%<br>95%<br>95%<br>100%<br>99%<br>98%<br>95%<br>80%<br>79%<br>67%<br>62%<br>61%<br>61%<br>61%<br>56%<br>47%<br>37%<br>38%<br>37%               | 87% 91% 95% 100% 100% 100% 94% 83% 77% 67% 66% 66% 65% 65% 65% 64% 58% 58% 58% 58% 58% 58% 58% 58% 58% 58                            |

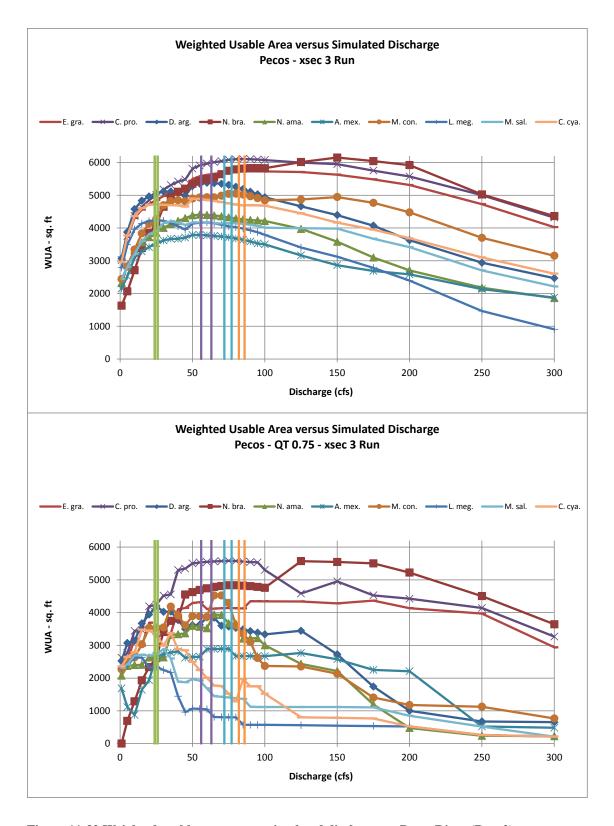


Figure 11-32 Weighted usable area versus simulated discharge at Pecos River (Run 2).

Table 11-32 Percent of maximum WUA versus simulated discharge at Pecos River (Run 2).

| Pecos<br>Q   | Min All   | E. gra.  | C. pro.   | D. arg.   | N. bra.   | N. ama.   | A. mex.   | M. con.   | L. meg.   | M. sal.   | C. cya.  |
|--|---|--|---|---|---|---|---|---|---|---|--|
| 1  | 26%   | 53%  | 50%   | 57%   | 26%   | 53%   | 57%   | 48%   | 66%   | 58%   | 61%  |
| 5  | 34%   | 65%  | 62%   | 72%   | 34%   | 65%   | 67%   | 56%   | 82%   | 67%   | 77%  |
| 10   | 44%   | 75%  | 72%   | 85%   | 44%   | 76%   | 82%   | 66%   | 93%   | 77%   | 89%  |
| 15   | 55%   | 80%  | 76%   | 90%   | 55%   | 81%   | 87%   | 76%   | 97%   | 86%   | 94%  |
| 20   | 63%   | 83%  | 79%   | 92%   | 63%   | 84%   | 90%   | 82%   | 99%   | 91%   | 96%  |
| 25   | 67%   | 85%  | 82%   | 94%   | 67%   | 88%   | 93%   | 85%   | 100%  | 93%   | 97%  |
| 30   | 76%   | 87%  | 85%   | 95%   | 76%   | 91%   | 96%   | 93%   | 99%   | 99%   | 96%  |
| 35   | 80%   | 89%  | 87%   | 95%   | 80%   | 94%   | 97%   | 96%   | 98%   | 100%  | 96%  |
| 40   | 83%   | 90%  | 89%   | 94%   | 83%   | 96%   | 97%   | 96%   | 95%   | 99%   | 96%  |
| 45   | 85%   | 91%  | 90%   | 93%   | 85%   | 98%   | 98%   | 95%   | 93%   | 97%   | 95%  |
| 50   | 87%   | 96%  | 95%   | 98%   | 87%   | 100%  | 100%  | 97%   | 97%   | 99%   | 100%   |
| 55   | 88%   | 97%  | 97%   | 100%  | 88%   | 100%  | 100%  | 98%   | 98%   | 99%   | 100%   |
| 60   | 89%   | 98%  | 98%   | 100%  | 89%   | 100%  | 100%  | 98%   | 98%   | 99%   | 99%  |
| 65   | 90%   | 99%  | 98%   | 100%  | 90%   | 100%  | 99%   | 98%   | 97%   | 99%   | 99%  |
| 70   | 92%   | 99%  | 99%   | 99%   | 92%   | 99%   | 99%   | 99%   | 96%   | 98%   | 98%  |
| 75   | 93%   | 100%   | 100%  | 99%   | 93%   | 98%   | 98%   | 100%  | 95%   | 99%   | 97%  |
| 80   | 94%   | 100%   | 100%  | 98%   | 94%   | 97%   | 97%   | 100%  | 95%   | 99%   | 96%  |
| 85   | 94%   | 100%   | 100%  | 97%   | 95%   | 97%   | 96%   | 99%   | 94%   | 98%   | 96%  |
| 90   | 93%   | 100%   | 100%  | 95%   | 95%   | 96%   | 95%   | 98%   | 93%   | 98%   | 96%  |
| 95   | 91%   | 100%   | 100%  | 93%   | 95%   | 96%   | 93%   | 97%   | 91%   | 97%   | 96%  |
| 100  | 89%   | 100%   | 100%  | 92%   | 95%   | 96%   | 92%   | 96%   | 89%   | 95%   | 96%  |
| 125  | 80%   | 100%   | 98%   | 87%   | 98%   | 90%   | 84%   | 96%   | 80%   | 95%   | 91%  |
| 150  | 74%   | 98%  | 97%   | 82%   | 100%  | 81%   | 76%   | 98%   | 74%   | 95%   | 85%  |
| 175  | 65%   | 96%  | 94%   | 76%   | 98%   | 70%   | 71%   | 95%   | 65%   | 87%   | 81%  |
| 200  | 56%   | 93%  | 91%   | 67%   | 96%   | 61%   | 68%   | 89%   | 56%   | 81%   | 75%  |
| 250  | 35%   | 82%  | 82%   | 55%   | 82%   | 49%   | 56%   | 73%   | 35%   | 64%   | 63%  |
| 300  | 21%   | 70%  | 71%   | 46%   | 71%   | 42%   | 49%   | 62%   | 21%   | 53%   | 53%  |
| 350  | 17%   | 59%  | 61%   | 38%   | 63%   | 28%   | 44%   | 53%   | 17%   | 40%   | 46%  |
|  |   |  |   |   |   |   |   |   |   |   |  |
| 400  | 11%   | 50%  | 53%   | 29%   | 54%   | 16%   | 38%   | 40%   | 11%   | 27%   | 36%  |
| 400<br>500   | 11%<br>0%   | 50%<br>26%   | 53%<br>35%  | 29%<br>12%  | 54%<br>29%  | 16%<br>5%   | 38%<br>31%  | 40%<br>15%  | 11%<br>0%   | 27%<br>12%  | 36%<br>14%   |
| 500  | 0%<br>- QT 0.75 - xse<br>Min All  | 26%  | 35%<br>C. pro.  | -   |   | 5%<br>N. ama.   | 31%<br>A. mex.  | 15%<br>M. con.  | 0%<br>L. meg.   | 12%<br>M. sal.  |  |
| Pecos<br>Q<br>1  | 0%<br>- QT 0.75 - xse<br>Min All<br>0%  | 26%<br>ec 3 Run<br>E. gra.<br>60%  | 35%<br>C. pro.<br>47%   | D. arg.   | 29%<br>N. bra.<br>0%  | 5%<br>N. ama.<br>53%  | 31%<br>A. mex.<br>58%   | M. con.   | 0%<br>L. meg.<br>88%  | M. sal.   | C. cya.  |
| 500<br>Pecos<br>Q<br>1<br>5  | 0%<br>- QT 0.75 - xse<br>Min All<br>0%<br>12%   | 26%<br>ec 3 Run<br>E. gra.<br>60%<br>58%   | 35%<br>C. pro.<br>47%<br>50%  | D. arg. 60% 73%   | 29%  N. bra.  0% 12%  | 5%  N. ama.  53% 60%  | 31%  A. mex.  58%  39%  | M. con. 50% 57%   | 0% L. meg. 88% 91%  | M. sal. 80% 84%   | 14%<br>C. cya.<br>68%<br>76%   |
| 9 Pecos Q 1 5 10   | 0%<br>- QT 0.75 - xse<br>Min All<br>0%<br>12%<br>23%  | 26%<br>ec 3 Run<br>E. gra.<br>60%<br>58%<br>73%  | 35%<br>C. pro.<br>47%<br>50%<br>62%   | D. arg. 60% 73% 75%   | N. bra.<br>0%<br>12%<br>23%   | 5%  N. ama.  53% 60% 61%  | 31%  A. mex.  58%  39%  30%   | M. con. 50% 57% 58%   | 0% L. meg. 88% 91% 100%   | M. sal. 80% 84% 93%   | 14%  C. cya.  68%  76%  80%  |
| Pecos Q<br>1<br>5<br>10<br>15  | 0% - QT 0.75 - xse Min All 0% 12% 23% 35%   | 26%<br>ec 3 Run<br>E. gra.<br>60%<br>58%<br>73%<br>68%   | 35%  C. pro.  47%  50%  62%  62%  | D. arg. 60% 73% 75% 87%   | 29%  N. bra.  0%  12%  23%  35%   | 5%  N. ama.  53% 60% 61% 61%  | 31%  A. mex.  58%  39%  30%  57%  | M. con. 50% 57% 58% 67%   | 0%  L. meg.  88%  91%  100%  100%   | M. sal. 80% 84% 93% 94%   | C. cya. 68% 76% 80% 100%   |
| Pecos Q 1 5 10 15 20   | 0%<br>- QT 0.75 - xse<br>Min All<br>0%<br>12%<br>23%  | 26%<br>cc 3 Run<br>E. gra.<br>60%<br>58%<br>73%<br>68%<br>85%  | 35%  C. pro. 47% 50% 62% 62% 75%  | D. arg. 60% 73% 75% 87% 94%   | N. bra.<br>0%<br>12%<br>23%   | 5%  N. ama.  53% 60% 61% 61% 67%  | 31%  A. mex.  58%  39%  30%  57%  67%   | M. con. 50% 57% 58%   | 0% L. meg. 88% 91% 100% 100% 88%  | M. sal.<br>80%<br>84%<br>93%<br>94%<br>93%  | 14%  C. cya.  68%  76%  80%  |
| Pecos Q<br>1<br>5<br>10<br>15  | 0% - QT 0.75 - xse Min All 0% 12% 23% 35%   | 26%<br>ec 3 Run<br>E. gra.<br>60%<br>58%<br>73%<br>68%   | 35%  C. pro.  47%  50%  62%  62%  | D. arg. 60% 73% 75% 87%   | 29%  N. bra.  0%  12%  23%  35%   | 5%  N. ama.  53% 60% 61% 61%  | 31%  A. mex.  58%  39%  30%  57%  | M. con. 50% 57% 58% 67%   | 0%  L. meg.  88%  91%  100%  100%   | M. sal. 80% 84% 93% 94%   | C. cya. 68% 76% 80% 100%   |
| Pecos Q<br>1 5<br>10 15<br>20 25   | 0% -QT 0.75 - xse Min All 0% 12% 23% 35% 42% 47% 61%  | 26%<br>ec 3 Run<br>E. gra.<br>60%<br>58%<br>73%<br>68%<br>85%<br>75%   | 35%  C. pro. 47% 50% 62% 62% 75% 76% 81%  | D. arg. 60% 73% 75% 87% 94% 100%  | N. bra.  0% 12% 23% 35% 42% 47%   | N. ama. 53% 60% 61% 61% 67% 67%   | A. mex.  58%  39%  30%  57%  67%  92%  94%  | M. con. 50% 57% 58% 67% 78% 78%   | 0% L. meg. 88% 91% 100% 100% 88% 89%  | M. sal. 80% 84% 93% 94% 93% 100%  | C. cya. 68% 76% 80% 100% 99% 96%   |
| Pecos Q<br>1<br>5<br>10<br>15<br>20<br>25  | 0% - QT 0.75 - xse Min All 0% 12% 23% 35% 42% 47%   | 26% ec 3 Run E. gra. 60% 58% 73% 688% 85% 75% 76% 77%  | 35%  C. pro.  47% 50% 62% 75% 76% 81% 82%   | D. arg. 60% 73% 75% 87% 94% 100% 96%  | 29%  N. bra.  0%  12%  23%  35%  42%  47%  61%  67%   | 5%  N. ama. 53% 60% 61% 67% 67% 84%   | A. mex.  58%  39%  30%  57%  67%  92%   | 15% M. con. 50% 57% 58% 67% 78% 78% 93%   | 0%  L. meg. 88% 91% 100% 100% 88% 89% 85% 82%   | M. sal.<br>80%<br>84%<br>93%<br>94%<br>93%  | 14%  C. cya.  68%  76%  80%  100%  99%  96%  |
| Pecos Q 1 5 10 15 20 25 30 35 40   | 0% -QT 0.75 - xse Min All 0% 12% 23% 35% 42% 47% 61% 67% 55%  | 26% ec 3 Run E. gra. 60% 58% 73% 68% 85% 75% 76% 77% 94%   | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95%   | D. arg. 60% 73% 75% 87% 94% 100% 96% 90%  | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68%  | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85%  | 31%  A. mex.  58% 39% 30% 57% 67% 92% 94% 96% 97%   | 15% M. con. 50% 57% 58% 67% 78% 78% 93% 86%   | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 82% 55%  | M. sal. 80% 84% 93% 94% 93% 95% 100% 90% 65%  | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83%  |
| 500  Pecos Q 1 5 10 15 20 25 30 35 40 45   | 0% -QT0.75 - xsee Min All 0% 12% 23% 35% 42% 47% 61% 67% 55% 37%  | 26% ec 3 Run E. gra. 60% 58% 73% 68% 85% 75% 76% 77% 94% 95%   | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96%   | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83%  | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82%  | 5%  N. ama. 53% 60% 61% 61% 67% 67% 84% 85% 85%   | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  | 15% M. con. 50% 57% 58% 67% 78% 78% 93% 86% 80%   | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 82% 55% 37%  | 12%  M. sal.  80%  84%  93%  94%  93%  95%  100%  90%  65%  65%   | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82%   |
| 500  Pecos Q 1 5 10 15 20 25 30 35 40 45 50  | 0% -QT 0.75 - xsee Min All 0% 12% 23% 35% 42% 47% 61% 67% 55% 37% 41%   | 26% ec 3 Run E. gra. 60% 58% 73% 68% 85% 775% 76% 777% 94% 95% 98%   | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99%   | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86%  | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 66% 88% 82% 83%  | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91%  | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  | 15% M. con. 50% 57% 58% 67% 78% 78% 93% 86% 80% 86%   | 0% L. meg. 88% 91% 100% 100% 88% 89% 85% 82% 55% 37% 41%  | M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 65% 68%   | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72%   |
| Pecos-<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50                          | 0% -QT 0.75 - xsee Min All 0% 12% 23% 35% 42% 47% 61% 67% 55% 37% 41%   | 26% ec 3 Run E. gra. 60% 58% 73% 68% 85% 75% 76% 77% 94% 95% 98%   | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99%   | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86%  | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84%  | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91%  | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  91%   | 15% M. con. 50% 57% 58% 67% 78% 78% 93% 86% 86%   | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 82% 55% 37% 41% 40%  | M. sal.  80% 84% 93% 94% 93% 100% 95% 65% 68% 67%   | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65%  |
| Decos Q 1 5 10 15 20 25 30 35 40 45 50 55 60   | 0% -QT 0.75 - xsee Min All 0% 12% 23% 35% 42% 47% 61% 67% 55% 37% 41% 40% 40%   | 26% ec 3 Run E. gra. 60% 58% 73% 68% 85% 75% 76% 77% 94% 95% 98%   | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 99%   | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 86%  | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84% 85%  | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89%  | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  91%  92%  100%  | 15%  M. con. 50% 57% 58% 67% 78% 78% 78% 86% 86% 86%  | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 40%  | M. sal.  80% 84% 93% 94% 93% 95% 100% 95% 65% 68% 67% 58%   | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58%  |
| Pecos Q 1 5 10 15 20 25 30 45 50 55 60 65  | 0% -QT 0.75 - xsee Min All 0% 12% 23% 35% 42% 61% 67% 55% 37% 41% 40% 40% 31%   | 26% cc 3 Run E. gra. 60% 58% 73% 68% 85% 75% 76% 77% 94% 95% 98% 99% 94%   | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 99% 100%                                      | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 92% 91%  | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86%  | 5%  N. ama. 53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100%  | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  91%  100%   | 15%  M. con. 50% 57% 58% 67% 78% 78% 93% 86% 86% 86% 86%  | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 40% 31%  | M. sal. 80% 84% 93% 94% 93% 95% 100% 65% 65% 68% 67% 58% 50%  | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51%  |
| Pecos Q 1 5 10 15 20 25 30 45 50 60 65 70  | 0% -QT 0.75 - xse Min All 0% 12% 23% 35% 42% 47% 61% 67% 55% 37% 41% 40% 40% 31%  | 26% 2c 3 Run E. gra. 60% 58% 73% 68% 85% 75% 76% 77% 94% 995% 98% 99% 94% 95%  | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 99% 100% 100%   | D. arg. 60% 73% 75% 87% 94% 100% 96% 96% 90% 83% 86% 86% 92% 91%  | 29%  N. bra.  0% 12% 23% 35% 42% 61% 67% 68% 82% 83% 84% 85% 86% 86%  | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 99%   | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  91%  91%  100%  100%  | 15%  M. con. 50% 57% 58% 67% 78% 78% 93% 86% 86% 86% 100%   | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 41% 40% 40% 31% 31%  | M. sal.  80%  84%  93%  94%  93%  95%  100%  90%  65%  68%  67%  58%  50%  49%  | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51%  |
| Pecos Q 1 5 10 15 20 25 30 45 50 65 70 75  | 0% -QT0.75 - xsee Min All 0% 12% 23% 35% 42% 47% 61% 67% 55% 37% 41% 40% 40% 31% 31%  | 26% ec 3 Run E. gra. 60% 58% 73% 688% 85% 75% 76% 77% 94% 95% 99% 94% 95% 95%  | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 99% 100% 100%   | D. arg. 60% 73% 75% 87% 94% 100% 96% 96% 90% 83% 86% 86% 92% 91%  | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 86% 87%  | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 99% 93%   | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  100%  100%  | 15%  M. con. 50% 57% 58% 67% 78% 78% 93% 86% 86% 80% 86% 100% 100% 95%  | 0%  L. meg.  88% 91% 100% 88% 89% 85% 82% 55% 37% 41% 40% 31% 31%   | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 65% 68% 67% 58% 49% 49%  | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 65% 58% 51% 50%  |
| 500  Pecos Q  1 5 10 15 20 25 30 35 40 45 50 65 70 75 80   | 0%  -QT0.75 - xsee  Min All  0%  12%  23%  35%  42%  47%  61%  67%  55%  37%  41%  40%  40%  31%  31%  31%  30%   | 26% ec 3 Run E. gra. 60% 58% 73% 688% 85% 775% 76% 77% 944% 95% 98% 99% 94% 95% 95%  | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 99% 100% 100% 100%                                    | D. arg. 60% 73% 73% 87% 94% 100% 96% 90% 83% 86% 90% 83% 86% 85% 84%                                    | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 87% 87%  | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 99% 93% 93%   | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  100%  100%  100%  100%  92%                               | 15%  M. con. 50% 57% 58% 67% 78% 78% 93% 86% 86% 100% 100% 95% 80%  | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 41% 40% 40% 31% 31% 30%  | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 68% 67% 58% 50% 49% 49% 48%  | 14%  C. cya. 68% 76% 80% 100% 996  86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 37%                                   |
| Decos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80   | 0%  -QT 0.75 - xsee  Min All  0%  12%  23%  35%  42%  47%  61%  67%  55%  37%  41%  40%  40%  31%  31%  31%  30%  22%   | 26% ec 3 Run E. gra. 60% 58% 73% 688% 85% 75% 76% 77% 94% 95% 99% 94% 95% 95% 95%  | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 99% 100% 100% 100%                                    | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 91% 86% 92% 91% 86% 85% 84%                            | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 87% 87%  | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 100% 99% 93% 93% 81%   | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  91%  100%  100%  100%  92%  92%                           | 15% M. con. 50% 57% 58% 67% 78% 78% 93% 86% 80% 86% 100% 100% 95% 80% 74%   | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 40% 31% 31% 30% 22%  | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 68% 67% 58% 50% 49% 49% 48%  | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 37%                                |
| 500  Pecos Q  1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90                                       | 0%  -QT 0.75 - xsee  Min All  0%  12%  23%  35%  42%  47%  61%  67%  55%  37%  41%  40%  40%  31%  31%  31%  30%  22%  22%  | 26% ec 3 Run E. gra. 60% 58% 73% 68% 85% 75% 76% 77% 94% 95% 98% 99% 94% 95% 95% 95% 95%                                       | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 100% 100% 100% 100% 99%                       | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 92% 91% 86% 85% 84% 83% 82%                            | 29%  N. bra.  0% 12% 23% 355% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 86% 87% 87% 86%   | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 885% 91% 90% 89% 100% 93% 93% 81% 81%                                  | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  91%  100%  100%  100%  100%  92%  92%                     | 15%  M. con.  50% 57% 58% 67% 78% 78% 93% 86% 80% 86% 100% 100% 95% 80% 74% 69%   | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 40% 31% 31% 30% 22% 22%  | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 65% 68% 67% 58% 50% 49% 48% 47% 39%  | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 37% 57% 50%                       |
| 500  Peccos Q  1 5 10 10 15 20 25 30 45 50 65 70 75 80 85 90   | 0%  -QT 0.75 - xsee  Min All  0%  12%  23%  35%  42%  47%  61%  67%  55%  37%  41%  40%  40%  31%  31%  30%  22%  22%   | 26% ec 3 Run E. gra. 60% 58% 73% 688% 85% 76% 77% 94% 95% 98% 99% 94% 95% 95% 95% 100%   | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 100% 100% 100% 100% 99%                       | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 91% 86% 85% 84% 83% 82% 80%                            | 29%  N. bra.  0% 12% 23% 355% 42% 47% 61% 68% 82% 83% 84% 85% 86% 86% 86% 87% 87% 86% 86%   | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 99% 93% 81% 81% 82%                                   | 31%  A. mex.  58% 39% 30% 57% 67% 92% 94% 96% 97% 91% 91% 100% 100% 100% 100% 92% 92% 92%                                 | 15%  M. con.  50% 57% 58% 67% 78% 78% 93% 86% 80% 86% 100% 100% 95% 80% 74% 69% 58%   | 0%  L. meg.  88% 91% 100% 100% 889% 85% 82% 55% 37% 41% 40% 40% 31% 31% 30% 22% 22%                                   | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 68% 67% 58% 50% 49% 49% 48% 47% 39% 39%  | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 37% 57% 50%                       |
| 500  eccos Q 1 5 10 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100                              | 0%  -QT 0.75 - xsee  Min All  0%  12%  23%  35%  42%  47%  61%  67%  55%  37%  41%  40%  40%  31%  31%  31%  30%  22%  22%  22%                                     | 26% 26 3 Run E. gra. 60% 58% 73% 688% 85% 775% 76% 777% 94% 95% 98% 99% 94% 95% 95% 100% 100%                                  | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 100% 100% 100% 100% 100% 99% 99%              | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 91% 86% 85% 84% 83% 82%                                | 29%  N. bra.  0% 12% 23% 355% 42% 47% 61% 68% 82% 83% 84% 85% 86% 87% 86% 87% 87% 86% 86% 87% 87%   | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 993% 93% 81% 81% 82% 76%                              | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  91%  100%  100%  100%  100%  92%  92%  92%  92%           | 15%  M. con.  50% 57% 58% 67% 78% 78% 93% 86% 80% 86% 80% 86% 86% 100% 100% 95% 80% 74% 69% 58%                             | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 31% 31% 31% 32% 22% 22%  | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 65% 68% 67% 58% 49% 49% 49% 49% 39% 39% 39%  | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 37% 50%                           |
| 500 Pecos Q 1 5 10 10 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125                                 | 0% -QT 0.75 - xsee Min All 0% 12% 23% 35% 42% 47% 61% 67% 55% 37% 41% 40% 31% 31% 31% 30% 22% 22% 22% 22%   | 26% 26 3 Run E. gra. 60% 58% 73% 688 85% 775% 76% 777% 94% 95% 98% 99% 94% 91% 95% 95% 95% 100% 100% 100%                      | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 100% 100% 100% 100% 100% 100% 99% 99% 95% 82% | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 92% 91% 86% 85% 84% 83% 82% 80% 79% 82%                | 29%  N. bra.  0% 12% 23% 355% 42% 47% 61% 66% 82% 83% 84% 85% 86% 87% 86% 87% 87% 87% 86% 86% 87% 87% 86%   | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 99% 93% 81% 81% 82% 76% 62%                           | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  91%  92%  100%  100%  100%  22%  92%  92%  92%  92%  96%  | 15%  M. con.  50% 57% 58% 67% 78% 78% 78% 93% 86% 80% 86% 80% 86% 86% 86% 52% 52%   | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 82% 55% 37% 41% 40% 31% 31% 30% 22% 22% 22% 21%                            | 12%  M. sal.  80% 84% 93% 94% 93% 100% 65% 65% 68% 67% 58% 49% 49% 49% 48% 47% 39% 39% 39% 39%  | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 57% 50% 44% 23%                   |
| 500 Pecos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150                          | 0%  -QT 0.75 - xsee  Min All  0%  12%  23%  42%  47%  61%  67%  55%  37%  41%  40%  40%  31%  31%  31%  32%  22%  22%  22%  21%                                     | 26% 26 3 Run E. gra. 60% 58% 73% 68% 85% 76% 77% 94% 95% 98% 99% 94% 91% 95% 95% 95% 95% 95% 95% 90% 100% 100% 99% 98%         | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 100% 100% 100% 100% 100% 100% 100%            | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 86% 82% 91% 86% 88% 89% 89% 89% 89% 89% 89% 89% 89% 89 | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 66% 82% 83% 84% 85% 86% 87% 86% 87% 87% 87% 86% 87% 87% 86% 87% 87% 80% 80% 80% 80% 80% 80% 80% 80% 80% 80 | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 99% 93% 81% 81% 82% 76% 62% 56%                       | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  91%  91%  100%  100%  100%  100%  92%  92%  92%  92%  92%  92%  98% | 15%  M. con. 50% 57% 58% 67% 78% 78% 788% 93% 86% 86% 80% 86% 86% 86% 86% 52% 52% 47%                                       | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 40% 31% 31% 31% 32% 22% 22% 21% 21%                            | 12%  M. sal.  80% 84% 93% 94% 93% 100% 95% 65% 68% 67% 58% 50% 49% 49% 48% 47% 39% 39% 39% 39% 39%                                    | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 23% 23%                            |
| 500 Peccos Q 1 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 125 150 175                            | 0%  -QT0.75 - xsee  Min All  0%  12% 23% 35% 42%  47%  61% 67% 55% 37% 41% 40% 40% 31% 31% 31% 32% 22% 22% 22% 22% 21% 21% 20%                                      | 26% cc 3 Run E. gra. 60% 58% 73% 688% 85% 775% 76% 777% 944% 95% 998% 995% 95% 95% 100%  | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 99% 100% 100% 100% 100% 100% 100% 100%                | D. arg. 60% 73% 75% 87% 94% 100% 96% 96% 90% 83% 86% 86% 85% 84% 83% 82% 80% 79% 82% 65% 41%            | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 87% 87% 87% 87% 87% 87% 87% 86% 86% 87% 89%                                    | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 88% 100% 99% 93% 81% 81% 82% 76% 62% 56% 30%                   | 31%  A. mex.  58%  39% 30% 57% 67%  92%  94% 96% 97% 91% 100% 100% 100% 100% 100% 92% 92% 92% 92% 92% 92% 98% 78%         | 15%  M. con.  50% 57% 58% 67% 78% 78% 93% 86% 86% 86% 86% 86% 100% 100% 95% 80% 74% 69% 52% 47% 31%                         | 0%  L. meg.  88% 91% 100% 88% 89% 85% 82% 55% 37% 41% 40% 31% 31% 31% 32% 22% 22% 22% 21% 21% 20%                     | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 68% 67% 58% 50% 49% 49% 48% 47% 39% 39% 39% 39% 38%                                | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 65% 58% 51% 50% 44% 37% 57% 50% 44% 23% 23% 22%           |
| 500  Peccos Q  1 5 10 15 20 25 30 35 40 45 50 66 67 75 80 85 90 102 1550 175 200                     | 0%  -QT0.75 - xsee  Min All  0%  12%  23%  35%  42%  47%  61%  67%  55%  37%  41%  40%  31%  31%  31%  31%  32%  22%  22%  22                                       | 26% cc 3 Run E. gra. 60% 58% 73% 688% 85% 75% 76% 77% 94% 95% 98% 99% 94% 95% 95% 100% 100% 99% 98% 100%                       | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 99% 100% 100% 100% 100% 100% 100% 100%                | D. arg. 60% 73% 73% 75% 87% 94% 100% 96% 90% 83% 86% 92% 91% 86% 85% 84% 83% 82% 65% 41% 24%            | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 87% 87% 87% 87% 87% 80% 86% 87% 87% 87% 86% 86% 89% 94%                        | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 99% 93% 81% 82% 76% 62% 56% 30% 12%                   | 31%  A. mex.  58% 39% 30% 57% 67% 92% 94% 96% 97% 91% 100% 100% 100% 100% 100% 92% 92% 92% 92% 92% 96% 88% 78% 76%        | 15%  M. con.  50% 57% 58% 67% 78% 78% 78% 93% 86% 86% 100% 100% 95% 80% 74% 69% 58% 52% 47% 31% 26%                         | 0%  L. meg.  88%  91%  100%  88%  89%  85%  82%  55%  37%  41%  40%  40%  31%  31%  31%  32%  22%  22%  21%  21       | 12%  M. sal.  80%  84%  93%  94%  93%  95%  100%  90%  65%  68%  67%  58%  49%  49%  49%  49%  39%  39%  39%  39                      | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 55% 58% 50% 44% 37% 50% 44% 23% 23% 22% 15%                |
| 500 Pecoss Q 1 5 10 15 20 25 30 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250                   | 0%  -QT0.75 - xsee Min All 0% 12% 23% 35% 42% 47% 61% 67% 55% 37% 41% 40% 40% 31% 31% 30% 22% 22% 22% 22% 22% 22% 22% 22% 21% 21                                    | 26% cc 3 Run E. gra. 60% 58% 73% 688% 85% 775% 76% 77% 944% 95% 98% 99% 94% 95% 95% 100% 100% 100% 99% 98% 100% 998%           | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 100% 100% 100% 100% 100% 100% 100%            | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 92% 91% 86% 85% 84% 83% 82% 65% 41% 24% 16%            | 29%  N. bra.  0% 12% 23% 35% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 87% 87% 86% 86% 87% 87% 86% 86% 87% 87% 88% 88% 88% 88% 88% 88% 88% 88         | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 91% 90% 89% 100% 99% 93% 81% 81% 82% 76% 62% 55% 30% 12% 6%            | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  100%  100%  100%  22%  92%  92%  92%  92%  92%  92%       | 15%  M. con.  50% 57% 58% 67% 78% 78% 93% 86% 80% 86% 100% 100% 95% 80% 74% 69% 52% 47% 31% 26% 25%                         | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 40% 31% 31% 30% 22% 22% 22% 22% 21% 21% 20% 20% 10%            | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 68% 67% 58% 50% 49% 49% 48% 47% 39% 39% 39% 39% 39% 39% 39% 38% 29% 18%            | 14%  C. cya. 68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 55% 50% 44% 37% 50% 44% 23% 23% 22% 15% 8%         |
| 500  Pecoss Q  1 5 10 10 15 20 25 30 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250 300          | 0%  -QT 0.75 - xsee  Min All  0%  12% 23% 35% 42% 47% 61% 67% 55% 37% 41% 40% 31% 31% 30%   | 26% cc 3 Run E. gra. 60% 58% 73% 688% 85% 775% 76% 77% 944% 95% 988% 99% 94% 94% 95% 95% 100% 100% 100% 100% 100% 100% 100% 10 | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 99% 100% 100% 100% 100% 100% 100% 100%                | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 92% 91% 86% 85% 84% 83% 82% 80% 79% 41% 24% 16% 16%    | 29%  N. bra.  0% 12% 23% 355% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 86% 86% 87% 87% 86% 86% 87% 87% 86% 86% 88% 88% 88% 88% 88% 88% 88% 88        | 5%  N. ama.  53% 60% 61% 61% 67% 84% 85% 88% 91% 90% 89% 100% 93% 93% 81% 81% 82% 76% 62% 56% 30% 12% 6% 6%         | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  100%  100%  100%  22%  92%  92%  92%  92%  92%  92%       | 15%  M. con.  50%  57%  58%  67%  78%  78%  93%  86%  80%  86%  80%  86%  86%  86%  47%  58%  52%  47%  31%  26%  25%  17%  | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 40% 31% 31% 30% 22% 22% 22% 22% 21% 21% 20% 20% 10% 8%         | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 68% 67% 58% 50% 49% 49% 48% 47% 39% 39% 39% 39% 39% 39% 39% 39% 39% 38% 29% 18% 7% | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 37% 57% 50% 44% 23% 22% 15% 8% 6% |
| 500  Pecos Q  1 5 10 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250 300 350 | 0%  -QT 0.75 - xsee  Min All  0%  12%  23%  35%  42%  47%  61%  67%  55%  37%  41%  40%  40%  31%  31%  31%  32%  22%  22%  21%  22%  21%  20%  12%  6%  6%  6%  0% | 26% cc 3 Run E. gra. 60% 58% 73% 688% 85% 75% 76% 77% 94% 95% 98% 99% 94% 95% 95% 100% 100% 100% 100% 100% 100% 100% 10        | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 96% 99% 100% 100% 100% 100% 100% 100% 100%            | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 92% 91% 86% 88% 82% 80% 79% 82% 65% 41% 24% 16% 16% 0% | 29%  N. bra.  0% 12% 23% 355% 42% 47% 61% 667% 68% 82% 83% 84% 85% 86% 86% 86% 86% 87% 87% 86% 86% 86% 88% 100% 100% 99% 94% 81% 65% 47%            | 5%  N. ama.  53% 60% 61% 61% 67% 67% 84% 85% 885% 91% 90% 89% 100% 93% 93% 81% 81% 82% 76% 62% 56% 30% 12% 6% 6% 0% | 31%  A. mex.  58% 39% 30% 57% 67% 92% 94% 96% 97% 91% 91% 100% 100% 100% 100% 100% 100%                                   | 15%  M. con.  50% 57% 58% 67% 78% 78% 93% 86% 80% 86% 80% 86% 86% 100% 100% 95% 80% 74% 69% 58% 52% 47% 31% 26% 25% 17% 15% | 0%  L. meg.  88% 91% 100% 100% 889% 85% 82% 55% 37% 41% 40% 40% 31% 31% 30% 22% 22% 22% 22% 21% 21% 20% 20% 10% 8% 0% | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 68% 67% 58% 50% 49% 48% 47% 39% 39% 39% 39% 39% 39% 39% 39% 39% 39                 | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 23% 22% 15% 8% 6% 6%              |
| 500  Pecoss Q  1 5 10 10 15 20 25 30 45 50 65 70 75 80 85 90 95 100 125 150 175 200 250 300          | 0%  -QT 0.75 - xsee  Min All  0%  12% 23% 35% 42% 47% 61% 67% 55% 37% 41% 40% 31% 31% 30%   | 26% cc 3 Run E. gra. 60% 58% 73% 688% 85% 775% 76% 77% 944% 95% 988% 99% 94% 94% 95% 95% 100% 100% 100% 100% 100% 100% 100% 10 | 35%  C. pro.  47% 50% 62% 62% 75% 76% 81% 82% 95% 99% 100% 100% 100% 100% 100% 100% 100%                | D. arg. 60% 73% 75% 87% 94% 100% 96% 90% 83% 86% 92% 91% 86% 85% 84% 83% 82% 80% 79% 41% 24% 16% 16%    | 29%  N. bra.  0% 12% 23% 355% 42% 47% 61% 67% 68% 82% 83% 84% 85% 86% 86% 86% 87% 87% 86% 86% 87% 87% 86% 86% 88% 88% 88% 88% 88% 88% 88% 88        | 5%  N. ama.  53% 60% 61% 61% 67% 84% 85% 88% 91% 90% 89% 100% 93% 93% 81% 81% 82% 76% 62% 56% 30% 12% 6% 6%         | 31%  A. mex.  58%  39%  30%  57%  67%  92%  94%  96%  97%  91%  100%  100%  100%  22%  92%  92%  92%  92%  92%  92%       | 15%  M. con.  50%  57%  58%  67%  78%  78%  93%  86%  80%  86%  80%  86%  86%  86%  47%  58%  52%  47%  31%  26%  25%  17%  | 0%  L. meg.  88% 91% 100% 100% 88% 89% 85% 37% 41% 40% 40% 31% 31% 30% 22% 22% 22% 22% 21% 21% 20% 20% 10% 8%         | 12%  M. sal.  80% 84% 93% 94% 93% 95% 100% 90% 65% 68% 67% 58% 50% 49% 49% 48% 47% 39% 39% 39% 39% 39% 39% 39% 39% 39% 38% 29% 18% 7% | 14%  C. cya.  68% 76% 80% 100% 99% 96% 86% 97% 83% 82% 72% 65% 58% 51% 50% 44% 37% 57% 50% 44% 23% 22% 15% 8% 6% |

0%

0%

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11%

500

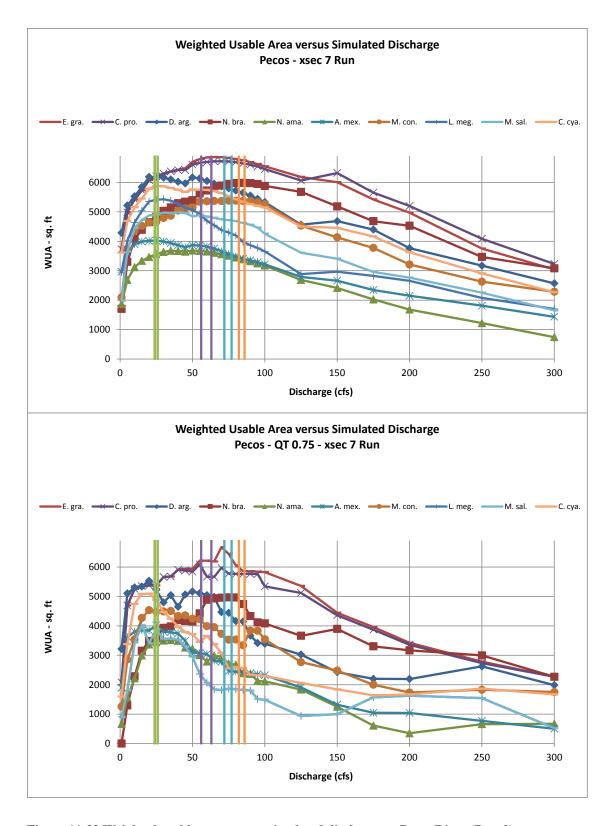


Figure 11-33 Weighted usable area versus simulated discharge at Pecos River (Run 3).

Table 11-33 Percent of maximum WUA versus simulated discharge at Pecos River (Run 3).

| Q   | Min All   | E. gra.  | C. pro.  | D. arg.  | N. bra.  | N. ama.  | A. mex.  | M. con.  | L. meg.  | M. sal.  | C. cya.  |
|---|---|--|--|--|--|--|--|--|--|--|--|
| 1   | 28%   | 54%  | 56%  | 69%  | 28%  | 51%  | 74%  | 39%  | 54%  | 40%  | 61%  |
| 5   | 55%   | 73%  | 74%  | 84%  | 55%  | 73%  | 90%  | 69%  | 74%  | 73%  | 80%  |
| 10  | 68%   | 79%  | 81%  | 89%  | 68%  | 85%  | 97%  | 81%  | 85%  | 89%  | 88%  |
|   | 73%   | 83%  | 85%  | 95%  |  | 91%  | 99%  | 84%  | 93%  | 95%  | 93%  |
| 15  |   |  |  |  | 73%  |  |  |  |  |  |  |
| 20  | 78%   | 89%  | 90%  | 100%   | 78%  | 94%  | 100%   | 86%  | 99%  | 98%  | 98%  |
| 25  | 81%   | 90%  | 92%  | 100%   | 81%  | 97%  | 100%   | 87%  | 100%   | 99%  | 100%   |
| 30  | 84%   | 92%  | 94%  | 100%   | 84%  | 99%  | 99%  | 89%  | 100%   | 100%   | 100%   |
| 35  | 86%   | 93%  | 95%  | 99%  | 86%  | 100%   | 98%  | 91%  | 99%  | 100%   | 99%  |
| 40  | 88%   | 94%  | 96%  | 97%  | 88%  | 100%   | 96%  | 94%  | 97%  | 100%   | 98%  |
| 45  | 89%   | 94%  | 96%  | 96%  | 89%  | 99%  | 94%  | 95%  | 95%  | 100%   | 97%  |
| 50  | 90%   | 98%  | 98%  | 100%   | 90%  | 100%   | 96%  | 96%  | 93%  | 97%  | 98%  |
| 55  | 91%   | 99%  | 99%  | 99%  | 94%  | 100%   | 96%  | 99%  | 91%  | 98%  | 98%  |
| 60  | 86%   | 100%   | 100%   | 98%  | 96%  | 99%  | 95%  | 100%   | 86%  | 97%  | 98%  |
| 65  | 84%   | 100%   | 100%   | 96%  | 97%  | 98%  | 93%  | 100%   | 84%  | 96%  | 97%  |
| 70  | 81%   | 100%   | 100%   | 95%  | 98%  | 97%  | 91%  | 100%   | 81%  | 95%  | 96%  |
| 75  | 79%   | 100%   | 100%   | 94%  | 99%  | 95%  | 89%  | 100%   | 79%  | 95%  | 94%  |
| 80  | 77%   | 99%  | 100%   | 93%  | 100%   | 94%  | 87%  | 100%   | 77%  | 94%  | 92%  |
|   |   |  |  |  |  |  |  |  |  |  |  |
| 85  | 73%   | 98%  | 99%  | 91%  | 100%   | 92%  | 85%  | 100%   | 73%  | 93%  | 91%  |
| 90  | 71%   | 97%  | 98%  | 90%  | 100%   | 90%  | 83%  | 100%   | 71%  | 92%  | 89%  |
| 95  | 69%   | 96%  | 97%  | 88%  | 99%  | 88%  | 82%  | 99%  | 69%  | 90%  | 88%  |
| 100   | 67%   | 95%  | 96%  | 86%  | 98%  | 86%  | 80%  | 98%  | 67%  | 85%  | 88%  |
| 125   | 53%   | 90%  | 90%  | 74%  | 95%  | 73%  | 69%  | 84%  | 53%  | 72%  | 77%  |
| 150   | 55%   | 88%  | 94%  | 76%  | 87%  | 66%  | 66%  | 77%  | 55%  | 68%  | 76%  |
| 175   | 52%   | 79%  | 84%  | 71%  | 78%  | 55%  | 58%  | 70%  | 52%  | 59%  | 71%  |
| 200   | 46%   | 72%  | 77%  | 61%  | 76%  | 46%  | 53%  | 60%  | 49%  | 56%  | 62%  |
| 250   | 33%   | 55%  | 61%  | 51%  | 58%  | 33%  | 45%  | 49%  | 38%  | 45%  | 49%  |
| 300   | 20%   | 44%  | 48%  | 42%  | 52%  | 20%  | 36%  | 42%  | 31%  | 33%  | 39%  |
| 350   | 32%   | 59%  | 64%  | 61%  | 56%  | 32%  | 51%  | 45%  | 44%  | 37%  | 52%  |
| 400   | 34%   | 61%  | 63%  | 62%  | 55%  | 34%  | 52%  | 46%  | 42%  | 35%  | 50%  |
| 500   | 24%   | 57%  | 58%  | 52%  | 50%  | 26%  | 44%  | 36%  | 24%  | 25%  | 43%  |
|   |   |  |  |  |  |  |  |  |  |  |  |
| Pecos -<br>Q  | - QT 0.75 - xse<br>Min All  | c 7 Run<br>E. gra.   | C. pro.  | D. arg.  | N. bra.  | N. ama.  | A. mex.  | M. con.  | L. meg.  | M. sal.  | C. cya.  |
|   |   |  | C. pro.  | D. arg.  | N. bra.<br>0%  | N. ama.<br>19%   | A. mex.<br>47%   | M. con.<br>28%   | L. meg.<br>22%   | M. sal.<br>22%   | C. cya.<br>31%   |
| Q   | Min All   | E. gra.  |  |  |  |  |  |  |  |  |  |
| Q<br>1  | Min All<br>0%   | E. gra.<br>31%   | 34%  | 58%  | 0%   | 19%  | 47%  | 28%  | 22%  | 22%  | 31%  |
| Q<br>1<br>5   | Min All<br>0%<br>26%  | E. gra.<br>31%<br>70%  | 34%<br>77%   | 58%<br>92%   | 0%<br>26%  | 19%<br>45%   | 47%<br>90%   | 28%<br>63%   | 22%<br>45%   | 22%<br>45%   | 31%<br>66%   |
| Q<br>1<br>5<br>10   | Min All<br>0%<br>26%<br>46%   | E. gra.<br>31%<br>70%<br>79%   | 34%<br>77%<br>86%  | 58%<br>92%<br>96%  | 0%<br>26%<br>46%   | 19%<br>45%<br>63%  | 47%<br>90%<br>95%  | 28%<br>63%<br>78%  | 22%<br>45%<br>86%  | 22%<br>45%<br>86%  | 31%<br>66%<br>93%  |
| Q<br>1<br>5<br>10<br>15   | Min All<br>0%<br>26%<br>46%<br>63%  | E. gra.<br>31%<br>70%<br>79%<br>80%  | 34%<br>77%<br>86%<br>88%   | 58%<br>92%<br>96%<br>97%   | 0%<br>26%<br>46%<br>63%  | 19%<br>45%<br>63%<br>85%   | 47%<br>90%<br>95%<br>96%   | 28%<br>63%<br>78%<br>94%   | 22%<br>45%<br>86%<br>100%  | 22%<br>45%<br>86%<br>100%  | 31%<br>66%<br>93%<br>100%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25   | Min All 0% 26% 46% 63% 70%  | E. gra. 31% 70% 79% 80% 81%  | 34%<br>77%<br>86%<br>88%<br>88%  | 58%<br>92%<br>96%<br>97%<br>100%<br>94%  | 0%<br>26%<br>46%<br>63%<br>70%   | 19%<br>45%<br>63%<br>85%<br>96%<br>98%   | 47%<br>90%<br>95%<br>96%<br>96%<br>100%  | 28%<br>63%<br>78%<br>94%<br>100%<br>99%  | 22%<br>45%<br>86%<br>100%<br>85%<br>97%  | 22%<br>45%<br>86%<br>100%<br>85%<br>97%  | 31%<br>66%<br>93%<br>100%<br>100%<br>96%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30   | Min All 0% 26% 46% 63% 70% 72%  | E. gra. 31% 70% 79% 80% 81% 81%  | 34%<br>77%<br>86%<br>88%<br>88%<br>88%   | 58%<br>92%<br>96%<br>97%<br>100%<br>94%  | 0%<br>26%<br>46%<br>63%<br>70%<br>72%  | 19%<br>45%<br>63%<br>85%<br>96%<br>98%   | 47%<br>90%<br>95%<br>96%<br>96%<br>100%  | 28%<br>63%<br>78%<br>94%<br>100%<br>99%  | 22%<br>45%<br>86%<br>100%<br>85%<br>97%  | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35   | Min All 0% 26% 46% 63% 70% 72% 79% 80%  | E. gra. 31% 70% 79% 80% 81% 81% 85%  | 34%<br>77%<br>86%<br>88%<br>88%<br>93%<br>93%  | 58%<br>92%<br>96%<br>97%<br>100%<br>94%<br>87%<br>91%  | 0%<br>26%<br>46%<br>63%<br>70%<br>72%<br>79%<br>80%  | 19%<br>45%<br>63%<br>85%<br>96%<br>98%<br>100%   | 47%<br>90%<br>95%<br>96%<br>96%<br>100%<br>94%<br>94%  | 28%<br>63%<br>78%<br>94%<br>100%<br>99%<br>99%   | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%  | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%  | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40   | Min All 0% 26% 46% 63% 70% 72% 80% 78%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89%  | 34%<br>77%<br>86%<br>88%<br>88%<br>93%<br>93%<br>97%                                 | 58%<br>92%<br>96%<br>97%<br>100%<br>94%<br>87%<br>91%  | 0%<br>26%<br>46%<br>63%<br>70%<br>72%<br>79%<br>80%<br>84%   | 19%<br>45%<br>63%<br>85%<br>96%<br>98%<br>100%<br>100%<br>99%                                    | 47% 90% 95% 96% 96% 100% 94% 94% 93%   | 28%<br>63%<br>78%<br>94%<br>100%<br>99%<br>99%<br>96%                                    | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%   | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>78%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45   | Min All 0% 26% 46% 63% 70% 72% 80% 78% 74%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89%  | 34% 77% 86% 88% 88% 93% 93% 97% 96%  | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92%   | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84%   | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93%  | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87%   | 28% 63% 78% 94% 100% 99% 99% 96% 96%   | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%<br>82%  | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>78%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 78% 74% 73%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89%  | 34% 77% 86% 88% 88% 93% 93% 97% 96%  | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93%   | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84%   | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92%  | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 77%   | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>78%<br>74%<br>73%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50   | Min All 0% 26% 46% 63% 70% 72% 80% 78% 74% 73%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89%  | 34% 77% 86% 88% 88% 93% 93% 97% 96% 100%   | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93%   | 0% 26% 46% 63% 70% 72% 80% 84% 84% 84%   | 19%<br>45%<br>63%<br>85%<br>96%<br>98%<br>100%<br>100%<br>99%<br>93%<br>92%                      | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 77%   | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94%   | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%<br>82%<br>73%   | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%<br>82%<br>73%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>74%<br>73%<br>68%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 78% 74% 73% 59% 51%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93%  | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93%                                     | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93%   | 0% 26% 46% 63% 70% 72% 79% 80% 844% 84% 89% 98%  | 19%<br>45%<br>63%<br>85%<br>96%<br>98%<br>100%<br>100%<br>99%<br>93%<br>92%<br>85%<br>79%        | 47% 90% 95% 96% 96% 100% 94% 93% 87% 77% 76%   | 28% 63% 78% 94% 100% 99% 99% 96% 94% 93% 88%   | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%<br>82%<br>73%<br>59%<br>51%   | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%<br>82%<br>73%<br>59%<br>51%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>74%<br>73%<br>68%<br>72%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 74% 73% 59% 51% 46%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93%  | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93% 93%                                 | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 91% 90%   | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 99%   | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85%  | 47% 90% 95% 96% 96% 100% 94% 93% 87% 77% 76% 70%   | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94% 93% 88% 87%                                     | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 89% 59% 51% 46%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>78%<br>74%<br>73%<br>68%<br>72%<br>66%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 74% 73% 59% 51% 46%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 89% 89% 93% 93% 100%   | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93% 93% 98%                             | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81%   | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 99% 100%  | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 84%                                    | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69%   | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94% 93% 88% 87%                                     | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 89% 51% 46% 45%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>78%<br>74%<br>73%<br>68%<br>72%<br>66%<br>61%                                    |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 74% 73% 59% 51% 46%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 89% 89% 89% 93% 93% 93% 93%  | 34% 77% 86% 88% 88% 88% 93% 93% 96% 100% 93% 93% 98%                                 | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80%   | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 89% 98% 100% 100%   | 19%<br>45%<br>63%<br>85%<br>96%<br>98%<br>100%<br>100%<br>93%<br>92%<br>85%<br>79%<br>85%<br>84% | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69% 61%   | 28% 63% 78% 94% 100% 99% 99% 96% 96% 96% 94% 88% 87% 82% 78%                             | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>74%<br>73%<br>68%<br>72%<br>66%<br>61%<br>50%                                    |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 74% 73% 59% 51% 46% 45% 46%                                      | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93% 93% 93% 93%  | 34% 77% 86% 88% 88% 88% 93% 93% 96% 100% 93% 93% 95%                                 | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80% 75%                                     | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 89% 98% 99% 100% 100%   | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 84% 77% 76%                            | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69% 61%   | 28% 63% 78% 94% 100% 99% 99% 96% 96% 96% 94% 93% 88% 87%                                 | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 46%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 46% 46%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>78%<br>74%<br>73%<br>68%<br>72%<br>66%<br>61%<br>50%<br>51%                             |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 74% 73% 59% 51% 46%  | E. gra. 31% 70% 79% 80% 81% 81% 85% 89% 89% 89% 93% 93% 93% 93%  | 34% 77% 86% 88% 88% 88% 93% 93% 96% 100% 93% 93% 98%                                 | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80%   | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 89% 98% 100% 100%   | 19%<br>45%<br>63%<br>85%<br>96%<br>98%<br>100%<br>100%<br>93%<br>92%<br>85%<br>79%<br>85%<br>84% | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69% 61%   | 28% 63% 78% 94% 100% 99% 99% 96% 96% 96% 94% 88% 87% 82% 78%                             | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>74%<br>73%<br>68%<br>72%<br>66%<br>61%<br>50%                                    |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 74% 73% 59% 51% 46% 45% 46%                                      | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93% 93% 93% 93%  | 34% 77% 86% 88% 88% 88% 93% 93% 96% 100% 93% 93% 95%                                 | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80% 75%                                     | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 89% 98% 99% 100% 100%   | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 84% 77% 76%                            | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69% 61%   | 28% 63% 78% 94% 100% 99% 99% 96% 96% 96% 94% 93% 88% 87%                                 | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 46%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 46% 46%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>78%<br>74%<br>73%<br>68%<br>72%<br>66%<br>61%<br>50%<br>51%                             |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85   | Min All  0%  26%  46%  63%  70%  72%  79%  80%  78%  59%  51%  46%  45%                                 | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93% 93% 93% 93% 100% 97% 91%                                       | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93% 93% 95%                             | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80% 75%                                     | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 89% 98% 99% 100% 100% 95%   | 19% 45% 63% 85% 96% 98% 100% 100% 99% 85% 79% 85% 77% 85%  | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 76% 69% 61% 60%                                     | 28% 63% 78% 94% 100% 99% 99% 96% 96% 96% 94% 88% 87% 82% 78% 78%                         | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 46% 45%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 46% 45%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>78%<br>68%<br>72%<br>66%<br>61%<br>50%<br>51%                                    |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90   | Min All 0% 26% 46% 63% 70% 72% 79% 80% 74% 73% 59% 51% 46% 45% 46% 45% 45%                              | E. gra. 31% 70% 79% 80% 81% 81% 85% 89% 89% 89% 100% 97% 91% 88% 88%   | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93% 93% 95% 95%                         | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80% 75% 66%                                 | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 849 98% 99% 100% 100% 100% 95% 87%                                      | 19% 45% 63% 85% 96% 98% 100% 99% 92% 85% 79% 85% 76% 68% 67%                                     | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 76% 69% 61% 60% 59%                                 | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94% 93% 88% 87% 82% 78% 74%                         | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 45%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 59% 51% 46% 45% 46% 45%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>74%<br>73%<br>66%<br>61%<br>50%<br>51%<br>46%                                    |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90   | Min All  0%  26%  46%  63%  70%  72%  79%  80%  74%  73%  59%  51%  46%  45%  46%  45%  45%  38%        | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93% 93% 93% 93% 93% 93% 93% 88%                                    | 34% 77% 86% 88% 88% 93% 93% 97% 96% 100% 93% 95% 95%                                 | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80% 75% 66% 62%                             | 0% 26% 46% 63% 70% 72% 80% 84% 84% 84% 819% 98% 99% 100% 100% 100% 95% 87%                                     | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 84% 77% 668% 67% 60%                   | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 76% 66% 61% 61% 60% 59%                             | 28% 63% 78% 94% 100% 99% 99% 99% 96% 94% 93% 88% 87% 82% 78% 74% 85%                     | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%<br>82%<br>73%<br>59%<br>51%<br>46%<br>46%<br>45%<br>45%<br>45%<br>45% | 22%<br>45%<br>86%<br>100%<br>85%<br>97%<br>88%<br>89%<br>88%<br>82%<br>73%<br>59%<br>51%<br>46%<br>46%<br>45%<br>45%<br>45%<br>45% | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>73%<br>68%<br>72%<br>66%<br>61%<br>50%<br>51%<br>46%                                    |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90   | Min All  0%  26%  46%  63%  70%  72%  80%  74%  73%  59%  51%  46%  45%  46%  45%  45%  38%  37%        | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93% 93% 93% 93% 93% 88% 88%  | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93% 95% 95% 95%                         | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 80% 75% 66% 66% 66%                                 | 0% 26% 46% 63% 70% 72% 80% 84% 84% 84% 89% 98% 100% 100% 95% 87% 83% 82%                                       | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 76% 66% 60% 60%                        | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 77% 76% 76% 69% 61% 61% 59% 59%                         | 28% 63% 78% 94% 100% 99% 99% 96% 94% 93% 88% 87% 82% 78% 78% 78%                         | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 38% 37%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 45% 45% 38% 37%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>78%<br>74%<br>73%<br>68%<br>72%<br>66%<br>61%<br>50%<br>51%<br>46%<br>46%<br>45%        |
| 1 5 10 15 20 25 30 45 50 65 70 75 80 85 90 95 100 125   | Min All  0% 26% 46% 63% 70% 72% 79% 80% 78% 74% 73% 59% 51% 46% 45% 46% 45% 45% 38% 37% 23%             | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93% 93% 93% 93% 93% 93% 93% 93% 9                                  | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93% 93% 95% 95% 95% 95% 88% 84%         | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 55%   | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 89% 98% 99% 100% 100% 55% 87% 83% 82% 74%                               | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 76% 66% 66% 52%                        | 47% 90% 95% 96% 96% 100% 94% 93% 87% 76% 76% 70% 69% 61% 60% 59% 58% 47%                         | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94% 93% 88% 87% 82% 78% 78% 78% 61%                 | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 38% 37% 23%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 38% 37% 23%   | 31%<br>66%<br>93%<br>100%<br>100%<br>96%<br>88%<br>83%<br>74%<br>73%<br>68%<br>72%<br>66%<br>61%<br>50%<br>51%<br>46%<br>46%<br>45%<br>41% |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150                      | Min All  0% 26% 46% 63% 70% 72% 79% 80% 78% 74% 73% 59% 51% 46% 45% 46% 45% 45% 38% 37% 23% 25%         | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93% 93% 93% 93% 94% 88% 88% 88% 88% 88%                            | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93% 95% 95% 95% 95% 88% 84% 72%         | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80% 75% 66% 62% 61% 55%                     | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 89% 98% 100% 100% 100% \$5% 87% 83% 82% 74%                             | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 66% 66% 66% 52% 36%                    | 47% 90% 95% 96% 96% 100% 94% 93% 87% 76% 76% 70% 69% 61% 60% 59% 58% 47% 33%                     | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94% 93% 88% 87% 82% 78% 78% 78% 61% 55%             | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 38% 37% 23% 25%   | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 38% 37% 23%   | 31% 66% 93% 100% 100% 96% 88% 83% 74% 73% 68% 72% 66% 61% 50% 51% 46% 46% 45% 41% 36%  |
| 1 5 10 15 20 25 30 35 50 60 65 70 75 80 90 125 150 175  | Min All  0% 26% 46% 63% 70% 72% 79% 80% 78% 74% 73% 59% 51% 46% 45% 46% 45% 45% 38% 37% 23% 25% 17% 10% | E. gra.  31%  70%  79%  80%  81%  81%  85%  89%  89%  93%  93%  100%  97%  91%  88%  88%  88%  87%  80%  67%  59%  51% | 34% 77% 86% 88% 88% 88% 93% 93% 96% 100% 93% 95% 95% 95% 95% 95% 88% 84% 72% 64% 55% | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 66% 66% 66% 61% 55% 44% 40% 40%                     | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 89% 98% 99% 100% 100% 100% 95% 83% 82% 74% 78% 66%                  | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 66% 66% 67% 60% 52% 36% 17% 10%        | 47% 90% 95% 96% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69% 61% 61% 60% 59% 58% 47% 33% 26% 26%     | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94% 93% 88% 87% 82% 78% 74% 85% 85% 44% 38%         | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 45% 37% 23% 25% 39% 41%                                       | 22% 45% 86% 100% 85% 97% 88% 89% 88% 89% 51% 46% 45% 46% 45% 45% 37% 23% 25% 39% 41%   | 31% 66% 93% 100% 100% 96% 88% 83% 78% 74% 73% 668% 61% 50% 51% 46% 45% 41% 36% 32% 33%   |
| 0<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>100<br>125<br>150<br>175<br>200<br>250 | Min All  0% 26% 46% 63% 70% 72% 79% 80% 78% 74% 73% 59% 51% 46% 45% 46% 45% 45% 45% 45% 17% 10% 19%     | E. gra.  31%  70%  79%  80%  81%  81%  85%  89%  89%  93%  93%  93%  93%  93%  93                                      | 34% 77% 86% 88% 88% 88% 93% 93% 96% 100% 93% 95% 95% 95% 95% 95% 95% 45%             | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 80% 75% 66% 62% 61% 55% 44% 40% 40% 47%             | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 100% 100% 100% 100% 107% 87% 82% 74% 78% 66% 64% 60%                | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 66% 66% 67% 60% 10% 10% 19%            | 47% 90% 95% 96% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69% 61% 61% 60% 59% 58% 47% 33% 26% 26% 19% | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94% 93% 88% 87% 82% 78% 78% 61% 55% 44% 38% 40%     | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 45% 38% 37% 23% 25% 39% 41% 38%                               | 22% 45% 86% 100% 85% 97% 88% 89% 88% 89% 51% 46% 45% 45% 45% 45% 38% 37% 23% 25% 39% 41% 38%                                       | 31% 66% 93% 100% 100% 96% 88% 83% 78% 74% 73% 66% 61% 50% 51% 46% 45% 41% 36% 32% 33% 37%  |
| 0<br>1 5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>200<br>250<br>300<br>300    | Min All  0% 26% 46% 63% 70% 72% 79% 80% 74% 73% 59% 51% 46% 45% 46% 45% 45% 45% 17% 10% 19% 13%         | E. gra. 31% 70% 79% 80% 81% 81% 85% 85% 89% 89% 93% 93% 93% 93% 93% 93% 95% 88% 88% 67% 59% 51% 42% 34%                | 34% 77% 86% 88% 88% 88% 93% 93% 97% 96% 100% 93% 95% 95% 95% 95% 95% 45% 37%         | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 90% 81% 80% 75% 66% 62% 61% 55% 44% 40% 40% 47% 36% | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 89% 98% 99% 100% 100% 100% 100% 95% 87% 83% 82% 74% 78% 66% 66% 66% | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 66% 66% 60% 52% 36% 17% 10% 19%        | 47% 90% 95% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69% 61% 61% 60% 59% 58% 47% 33% 26% 26% 19% 13% | 28% 63% 78% 94% 100% 99% 99% 96% 96% 96% 94% 88% 87% 82% 78% 78% 61% 55% 44% 38% 40% 39% | 22% 45% 86% 100% 85% 97% 88% 89% 88% 88% 82% 73% 59% 51% 46% 45% 46% 45% 45% 38% 37% 23% 25% 39% 41% 38% 13%                       | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 45% 45% 38% 37% 23% 25% 39% 41% 38% 13%                       | 31% 66% 93% 100% 100% 96% 88% 83% 78% 68% 72% 66% 61% 50% 51% 46% 45% 41% 366% 32% 33% 37% 33%   |
| 1 5 10 15 20 25 30 40 45 50 65 70 75 80 85 90 100 175 200 250   | Min All  0% 26% 46% 63% 70% 72% 79% 80% 78% 74% 73% 59% 51% 46% 45% 46% 45% 45% 45% 45% 17% 10% 19%     | E. gra.  31%  70%  79%  80%  81%  81%  85%  89%  89%  93%  93%  93%  93%  93%  93                                      | 34% 77% 86% 88% 88% 88% 93% 93% 96% 100% 93% 95% 95% 95% 95% 95% 45%                 | 58% 92% 96% 97% 100% 94% 87% 91% 84% 92% 93% 92% 91% 80% 75% 66% 62% 61% 55% 44% 40% 40% 47%             | 0% 26% 46% 63% 70% 72% 79% 80% 84% 84% 84% 100% 100% 100% 100% 107% 87% 82% 74% 78% 66% 64% 60%                | 19% 45% 63% 85% 96% 98% 100% 100% 99% 93% 92% 85% 79% 85% 66% 66% 67% 60% 10% 10% 19%            | 47% 90% 95% 96% 96% 96% 100% 94% 94% 93% 87% 76% 70% 69% 61% 61% 60% 59% 58% 47% 33% 26% 26% 19% | 28% 63% 78% 94% 100% 99% 99% 96% 96% 94% 93% 88% 87% 82% 78% 78% 61% 55% 44% 38% 40%     | 22% 45% 86% 100% 85% 97% 88% 89% 88% 82% 73% 59% 51% 46% 45% 46% 45% 45% 38% 37% 23% 25% 39% 41% 38%                               | 22% 45% 86% 100% 85% 97% 88% 89% 88% 89% 51% 46% 45% 45% 45% 45% 38% 37% 23% 25% 39% 41% 38%                                       | 31% 66% 93% 100% 100% 96% 88% 83% 78% 74% 73% 68% 72% 66% 61% 50% 51% 46% 45% 41% 36% 32% 33% 37%  |

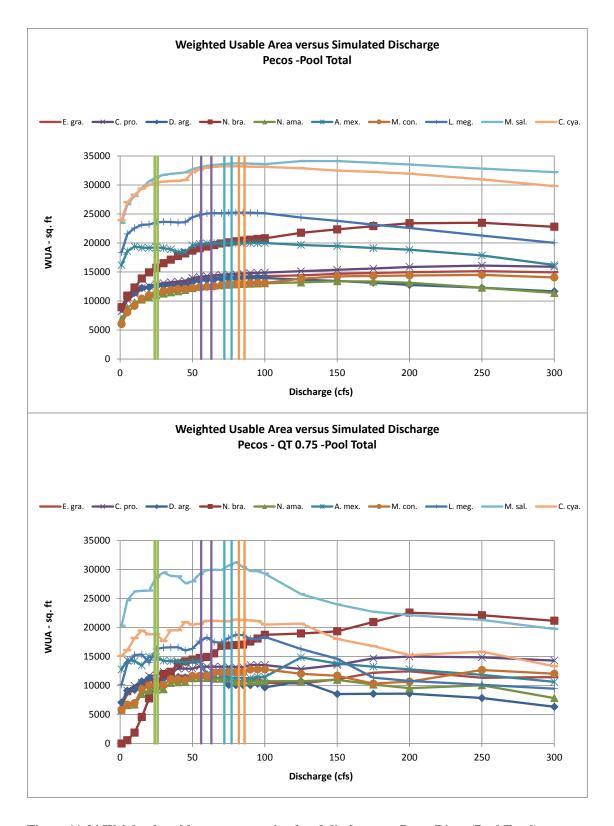


Figure 11-34 Weighted usable area versus simulated discharge at Pecos River (Pool Total).

Table 11-34 Percent of maximum WUA versus simulated discharge at Pecos River (Pool Total).

| Q  | Min All   | E. gra.  | C. pro.  | D. arg.   | N. bra.  | N. ama.   | A. mex.  | M. con.   | L. meg.  | M. sal.   | C. cya  |
|--|---|--|--|---|--|---|--|---|--|---|---|
| 1  | 39%   | 55%  | 53%  | 62%   | 39%  | 51%   | 81%  | 42%   | 73%  | 69%   | 72%   |
| 5  | 48%   | 68%  | 66%  | 76%   | 48%  | 65%   | 93%  | 56%   | 85%  | 78%   | 81%   |
| 10   | 54%   | 75%  | 72%  | 82%   | 54%  | 73%   | 97%  | 64%   | 89%  | 82%   | 85%   |
| 15   | 61%   | 81%  | 78%  | 88%   | 61%  | 76%   | 96%  | 72%   | 92%  | 86%   | 88%   |
| 20   | 65%   | 84%  | 81%  | 88%   | 65%  | 79%   | 96%  | 77%   | 92%  | 90%   | 90%   |
| 25   | 69%   | 85%  | 83%  | 90%   | 69%  | 82%   | 96%  | 79%   | 93%  | 92%   | 92%   |
| 80   | 72%   | 87%  | 84%  | 90%   | 72%  | 84%   | 96%  | 82%   | 94%  | 93%   | 92%   |
| 35   | 75%   | 87%  | 85%  | 91%   | 75%  | 86%   | 94%  | 83%   | 94%  | 94%   | 92%   |
| 10   | 78%   | 88%  | 86%  | 90%   | 78%  | 87%   | 92%  | 84%   | 93%  | 94%   | 92%   |
| 15   | 79%   | 89%  | 87%  | 91%   | 79%  | 89%   | 92%  | 84%   | 93%  | 94%   | 93%   |
| 0  | 82%   | 92%  | 90%  | 95%   | 82%  | 91%   | 98%  | 86%   | 97%  | 96%   | 97%   |
| 55   | 83%   | 93%  | 91%  | 96%   | 83%  | 93%   | 99%  | 86%   | 98%  | 97%   | 98%   |
| 0  | 85%   | 94%  | 92%  | 97%   | 85%  | 94%   | 100%   | 87%   | 99%  | 97%   | 99%   |
| 55   | 86%   | 94%  | 92%  | 98%   | 86%  | 94%   | 100%   | 88%   | 100%   | 98%   | 1009  |
| 0  | 87%   | 95%  | 93%  | 99%   | 87%  | 95%   | 100%   | 89%   | 100%   | 98%   | 1009  |
| 5  | 88%   | 95%  | 94%  | 99%   | 88%  | 96%   | 100%   | 90%   | 100%   | 99%   | 100   |
| 0  | 89%   | 96%  | 94%  | 99%   | 89%  | 96%   | 100%   | 90%   | 100%   | 99%   | 1009  |
| 5  | 89%   | 96%  | 95%  | 100%  | 89%  | 96%   | 100%   | 91%   | 100%   | 99%   | 1009  |
| э<br>0   | 90%   | 96%  | 95%  | 100%  | 90%  | 97%   | 100%   | 91%   | 100%   | 99%   | 100   |
| 15   | 90%   | 96%  | 95%  | 100%  | 90%  | 97%   | 100%   | 91%   | 100%   | 99%   | 100   |
| o<br>00  |   |  |  |   |  |   |  |   |  |   |   |
|  | 91%   | 96%  | 96%  | 100%  | 91%  | 97%   | 100%   | 91%   | 100%   | 98%   | 100   |
| 25   | 95%   | 97%  | 97%  | 98%   | 95%  | 98%   | 98%  | 97%   | 97%  | 100%  | 999   |
| 50   | 94%   | 99%  | 99%  | 96%   | 98%  | 100%  | 97%  | 99%   | 94%  | 100%  | 989   |
| 75   | 92%   | 100%   | 100%   | 94%   | 100%   | 100%  | 96%  | 100%  | 92%  | 99%   | 979   |
| 00   | 89%   | 101%   | 102%   | 91%   | 102%   | 98%   | 94%  | 100%  | 89%  | 98%   | 969   |
| 0  | 84%   | 102%   | 103%   | 88%   | 103%   | 92%   | 89%  | 101%  | 84%  | 96%   | 93%   |
| 00   | 79%   | 101%   | 102%   | 83%   | 100%   | 85%   | 81%  | 98%   | 79%  | 94%   | 90%   |
| 50   | 74%   | 98%  | 99%  | 78%   | 95%  | 82%   | 78%  | 92%   | 74%  | 91%   | 85%   |
| ٠.   |   |  |  |   |  |   |  |   |  |   |   |
|  | 66%<br>58%<br>- QT0.75 -Poo   |  | 96%<br>87%   | 71%<br>64%  | 75%  | 79%<br>63%  | 74%<br>69%   | 73%   | 58%  | 86%<br>76%  | 83%<br>78%  |
| cos  | 58%<br>- QT 0.75 -Poo<br>Min All  | 87%<br>ol Total<br>E. gra.   | 87%<br>C. pro.   | 64%<br>D. arg.  | 75%<br>N. bra.   | 63%<br>N. ama.  | 69%<br>A. mex.   | 73%<br>M. con.  | 58%<br>L. meg.   | 76%<br>M. sal.  | 78%<br>C. cy  |
| oos<br>Q   | 58%<br>- QT 0.75 -Poo<br>Min All<br>0%  | 87%<br>of Total<br>E. gra.<br>55%  | 87%<br>C. pro.<br>46%  | D. arg.   | 75%<br>N. bra.<br>0%   | N. ama.<br>51%  | 69% A. mex. 85%  | 73%<br>M. con.<br>45%   | 58%<br>L. meg.<br>54%  | 76%<br>M. sal.  | C. cy   |
| os<br>Q  | 58%<br>- QT 0.75 -Poo<br>Min All  | 87%<br>ol Total<br>E. gra.   | 87%<br>C. pro.   | 64%<br>D. arg.  | 75%<br>N. bra.   | 63%<br>N. ama.  | 69%<br>A. mex.   | 73%<br>M. con.  | 58%<br>L. meg.   | 76%<br>M. sal.  | C. cy<br>719<br>759   |
| cos<br>Q<br>L<br>S   | 58% - QT 0.75 -Poo<br>Min All<br>0%<br>3%   | 87%<br>ol Total<br>E. gra.<br>55%<br>70%   | C. pro.<br>46%<br>62%  | D. arg. 59% 77%   | 75%  N. bra.  0%  3%   | 63%<br>N. ama.<br>51%<br>59%  | A. mex.<br>85%<br>96%  | 73%<br>M. con.<br>45%<br>52%  | 58%<br>L. meg.<br>54%<br>74%   | 76%<br>M. sal.<br>65%<br>79%  | 789<br>C. cy<br>719<br>759<br>859   |
| 00<br>cos<br>Q<br>L<br>S<br>0  | 58% - QT 0.75 -Poo<br>Min All<br>0%<br>3%<br>9%<br>22%  | 87% ol Total E. gra. 55% 70% 77% 81%   | C. pro.<br>46%<br>62%<br>68%<br>72%  | D. arg. 59% 77% 78% 90%   | 75%  N. bra.  0%  3%  9%  22%  | N. ama. 51% 59% 60% 76%   | A. mex.<br>85%<br>96%<br>95%<br>90%  | 73% M. con. 45% 52% 54% 73%   | 58%  L. meg. 54% 74% 81% 82%   | 76%  M. sal.  65%  79%  84%  84%  | 789<br>C. cy<br>719<br>759<br>859<br>919  |
| 000<br>Cos<br>Q<br>0<br>5<br>0   | 58%  - QT 0.75 -Poo<br>Min All  0%  3%  9%  22%  37%  | 87%  ol Total E. gra. 55% 70% 77% 81% 90%  | C. pro. 46% 62% 68% 72% 79%  | D. arg. 59% 77% 78% 90% 95%   | 75%  N. bra.  0%  3%  9%  22%  37%   | N. ama. 51% 59% 60% 76% 81%   | A. mex.<br>85%<br>96%<br>95%<br>90%<br>100%  | 73% M. con. 45% 52% 54% 73% 78%   | 58% L. meg. 54% 74% 81% 82% 74%  | 76%  M. sal. 65% 79% 84% 84%  | 789  C. cy 719 759 859 919  |
| 00<br>cos<br>Q<br>L<br>5<br>0<br>5<br>0  | 58%  - QT 0.75 - Poc Min All  0% 3% 9% 22% 37% 48%  | 87%  ol Total E. gra.  55%  70%  77%  81%  90%  86%  | C. pro. 46% 62% 68% 72% 79% 80%  | D. arg. 59% 77% 78% 90% 95%   | N. bra.  0% 3% 9% 22% 37% 48%  | N. ama. 51% 59% 60% 76% 81% 82%   | A. mex.<br>85%<br>96%<br>95%<br>90%<br>100%  | 73% M. con. 45% 52% 54% 73% 78%   | 58% L. meg. 54% 74% 81% 82% 74% 87%  | 76%  M. sal.  65%  79%  84%  84%  92%   | 789  C. cy 719 759 859 919 889  |
| 00<br>cos<br>Q<br>0<br>5<br>0<br>5   | 58%  - QT 0.75 - Poc Min All  0% 3% 9% 22% 37% 48% 57%  | 87%  ol Total E. gra. 55% 70% 77% 81% 90% 86% 91%  | C. pro. 46% 62% 68% 72% 79% 80%  | D. arg. 59% 77% 78% 90% 95% 94%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%   | N. ama. 51% 59% 60% 76% 81% 82%   | A. mex.  85% 96% 95% 90% 100% 99%  | 73% M. con. 45% 52% 54% 73% 78% 79%   | 58%  L. meg. 54% 74% 81% 82% 74% 87%   | 76%  M. sal. 65% 79% 84% 84% 92% 94%  | 789  C. cy 719 759 859 919 889 889 889  |
| 000<br>cos<br>Q<br>L<br>5<br>0<br>5<br>0<br>5<br>0<br>5  | 58%  - QT 0.75 -Poo<br>Min All 0% 3% 9% 22% 37% 48% 57% 59%   | 87%  of Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92%  | C. pro. 46% 62% 68% 72% 79% 80% 84% 85%  | D. arg. 59% 77% 78% 90% 95% 94% 94%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  | N. ama. 51% 59% 60% 76% 81% 82% 83% 93%   | A. mex.  85% 96% 95% 90% 100% 99% 95% 95%  | 73% M. con. 45% 52% 54% 73% 78% 79% 87%   | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89%   | 76%  M. sal. 65% 79% 84% 84% 92% 94% 92%  | 789  C. cy 719 759 859 919 889 889 919  |
| 000<br>cos<br>Q<br>L<br>S<br>0<br>5<br>0<br>5<br>0<br>5<br>0   | 58%  - QT 0.75 -Poc Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%   | 87%  of Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96%  | C. pro. 46% 62% 68% 72% 79% 80% 84% 85% 88%  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%   | N. ama. 51% 59% 60% 76% 81% 82% 83% 93%   | A. mex.  85% 96% 95% 90% 100% 99% 95% 94%  | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 87%   | 58%  L. meg. 54% 74% 81% 82% 744% 87% 88% 89% 89%  | 76%  M. sal. 65% 79% 84% 84% 92% 92% 92%  | C. cy 719 759 859 919 889 889 919 919   |
| 000<br>cos<br>Q<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5   | 58%  - QT 0.75 -Poc Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  | 87%  ol Total E. gra.  55% 70% 77% 81% 90% 86% 91% 92% 96% 96%   | C. pro. 46% 62% 68% 72% 79% 80% 84% 85% 88%  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94%   | 69%  A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93%   | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 87% 86%   | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 89% 86%   | 76%  M. sal. 65% 79% 84% 84% 92% 94% 92% 88%  | C. cy 719 759 859 919 889 889 919 919 989   |
| 00 cos 0 cos | 58%  - QT 0.75 - Pool Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%   | 87%  ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96%  | C. pro. 46% 62% 68% 72% 79% 80% 84% 85% 88% 88%  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 97%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%   | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94% 100%  | A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95%  | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91%   | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 86% 87%   | 76%  M. sal. 65% 79% 84% 84% 92% 94% 92% 98% 88%  | C. cy 719 759 859 919 889 889 919 919 989   |
| cos Q  | 58%  - QT 0.75 -Poo<br>Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%  70%   | 87%  ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 99%  | C. pro. 46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90%  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 97%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  66%  66%  69%  70%   | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94% 100%  | 69%  A. mex.  85% 96% 90% 100% 99% 95% 94% 93% 95% 94%   | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 87% 86% 91%   | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 89% 89% 89% 94%   | 76%  M. sal. 65% 79% 84% 84% 92% 92% 92% 88% 89%  | C. cy 719 759 859 919 889 919 989 969   |
| 5 0 5 0 5 0 5 0 5 0 0  | 58%  - QT 0.75 - Pool Min All 0% 3% 9% 22% 37% 48% 57% 59% 66% 68% 69% 70% 71%  | 87%  ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 99% 98%  | C. pro. 46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90% 90%  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 97% 100%  | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%  70%  71%   | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100%   | A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95% 94% 80%  | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 87% 86% 91% 91%   | 58%  L. meg. 54% 74% 81% 82% 74% 88% 89% 88% 89% 89% 86% 87% 94% 98%   | 76%  M. sal. 65% 79% 84% 84% 92% 92% 92% 88% 89% 94% 96%  | C. cy 71% 75% 85% 91% 88% 88% 91% 91% 96% 96% 99%   |
| 000<br>cos<br>Q<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5   | 58%  - QT 0.75 - Pool Min All 0% 3% 9% 22% 37% 48% 57% 66% 66% 69% 70% 71% 74%  | 87%  ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 99% 98% 98%  | C. pro. 46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90% 90%  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 97% 100% 95%  | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  66%  66%  66%  70%  71%  74%   | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 93% 100% 100% 100% 99%  | A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 95% 94% 80% 80%  | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96%   | 58%  L. meg. 54% 74% 81% 82% 74% 88% 89% 89% 89% 86% 87% 94% 93%   | 76%  M. sal. 65% 79% 84% 84% 92% 94% 92% 98% 89% 96%  | C. cy 71% 75% 85% 91% 88% 88% 91% 91% 96% 96% 99%   |
| 000<br>cos<br>Q<br>1<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0<br>5<br>0   | 58%  - QT 0.75 - Pool Min All 0% 3% 9% 22% 37% 48% 57% 66% 66% 69% 70% 71% 74% 80%  | 87%  of Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 99% 98% 98%  | C. pro. 46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90% 90% 90%  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 97% 100% 95%  | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  66%  66%  66%  70%  71%  74%  80%  | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 99%   | A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 95% 94% 80% 80%  | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 87% 86% 91% 91% 92% 96%   | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 89% 89% 89% 93% 93%   | M. sal. 65% 79% 84% 84% 92% 94% 92% 88% 89% 96% 96%   | C. cy 719, 759, 859, 919, 889, 919, 919, 969, 999, 999,                                     |
| 5 0 5 0 5 0 5 0 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 5 5 0 5 5 5 0 5  | 58%  - QT 0.75 -Poo<br>Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%  69%  70%  71%  74%  80%  76%  | 87%  of Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 998% 98% 98%   | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 90% 90% 90% 90%                                  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 97% 100% 95% 85%  | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  69%  70%  71%  74%  80%  81%   | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 93% 100% 100% 100% 99% 99%                                      | A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 80% 80% 80%  | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 87% 89% 91% 91% 96% 96%   | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 89% 89% 89% 89% 93% 93% 93% 93%   | 76%  M. sal. 65% 79% 84% 84% 92% 92% 92% 92% 92% 92% 96% 96% 96%  | 78%  C. cy. 71% 75% 859 919 889 889 919 919 969 969 999 999                                 |
| 5 0 5 0 5 0 5 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0  | 58%  - QT 0.75 -Poo<br>Min All 0% 3% 9% 22% 37% 48% 57% 66% 68% 69% 70% 71% 74% 80% 76% 75%   | 87%  Ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 98% 88%  | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 90% 90% 90% 90% 90%                              | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 96% 97% 100% 95% 85%  | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  69%  70%  71%  74%  80%  81%  81%  | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 100% 99% 99% 94%                                  | A. mex.  85% 96% 95% 90% 100% 99% 95% 95% 94% 93% 95% 94% 80% 80% 76% 75%                              | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 97%   | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 89% 89% 89% 89% 93% 93% 93% 93%   | 76%  M. sal. 65% 79% 84% 84% 92% 92% 92% 92% 92% 92% 88% 99% 96% 96% 96% 98% 100%                             | C. cy 719 759 889 919 889 989 999 999 999 100   |
| 5 0 5 0 5 0 5 0 5 0 5 0 5 5 0  | 58%  - QT 0.75 -Poo<br>Min All  0%  3%  9%  22%  37%  48%  57%  66%  68%  69%  70%  71%  74%  80%  75%  75%   | 87%  Ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 88% 88%  | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 90% 90% 90% 90% 90% 90%                          | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 96% 95% 85% 85%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%  71%  74%  80%  81%  81%  | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 93% 100% 100% 100% 99% 99% 94%                                  | A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95% 94% 80% 80% 76% 75%                                  | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 97%   | 58%  L. meg. 54% 74% 81% 82% 74% 88% 89% 89% 89% 89% 89% 100%  | 76%  M. sal. 65% 79% 84% 84% 84% 92% 92% 92% 96% 96% 96% 96% 97%  | C. cy 719 759 889 919 889 989 969 969 999 999 1000  |
| 00 cos 2 cos | 58%  - QT 0.75 -Poo Min All  0%  3%  9%  22%  37%  48%  57%  66%  68%  69%  70%  71%  74%  80%  75%  75%  75%   | 87%  Ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 98% 88% 88% 88%  | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 90% 90% 90% 90% 90% 90%                          | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 97% 100% 95% 85% 85% 84%  | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  70%  71%  74%  80%  81%  81%  81%   | N. ama.  51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 100% 99% 99% 94%                                 | A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95% 94% 80% 80% 76% 75%                                  | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 96% 96% 97% 97% 100%  | 58%  L. meg. 54% 74% 81% 82% 74% 88% 89% 89% 89% 89% 100% 100% 96%   | 76%  M. sal. 65% 79% 84% 84% 84% 92% 92% 92% 96% 96% 96% 96% 96% 97% 95%                                      | 78%  C. cy. 71% 759 889 889 889 91% 91% 96% 96% 99% 90% 100% 99%                            |
| 00 cos 2 cos | 58%  - QT 0.75 -Poo Min All  0%  3%  9%  22%  37%  48%  57%  66%  68%  69%  70%  71%  74%  80%  75%  75%  75%  75%  | 87%  Ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 88% 88% 91% 91%  | 87%  C. pro.  46% 62% 688% 72% 79% 80% 84% 85% 88% 90% 90% 90% 90% 90% 90% 92%                     | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 96% 95% 85% 85% 85% 85% 84%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%  70%  71%  74%  80%  81%  81%  81%  84%                                   | N. ama.  51% 59% 60% 76% 81% 82% 83% 93% 93% 100% 100% 199% 99% 94% 95% 95%                             | 69%  A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95% 94% 80% 80% 76% 75% 75%                         | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 97% 100%  | 58%  L. meg. 54% 74% 81% 82% 74% 88% 89% 86% 87% 94% 93% 93% 93% 93% 95% 100% 100% 96%                               | 76%  M. sal. 65% 79% 84% 84% 84% 92% 92% 98% 90% 96% 96% 96% 96% 97% 95%                                      | 78%  C. cy.  71% 75% 85% 91% 889 889 91% 91% 98% 96% 99% 90% 99% 99% 99% 99% 99% 99% 99% 99 |
| 5 0 5 0 5 0 5 0 5 0 5 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 0 5 0 0 0 0 5 0 0 0 0 5 0 0 0 0 5 0  | 58%  - QT 0.75 -Poot Min All  0%  3%  9%  22%  37%  48%  57%  66%  68%  69%  70%  71%  74%  80%  75%  75%  75%  77%  77%  | 87%  Ol Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 88% 8  | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 90% 90% 90% 90% 90% 90% 92% 92%                  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 97% 100% 95% 85% 85% 85% 85% 84%  | 75%  N. bra.  0% 3% 9% 22% 37% 48% 57% 66% 68% 69% 70% 71% 74% 80% 81% 81% 84% 86% 89%   | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 99% 99% 95% 95%                                   | 69%  A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 80% 80% 76% 75% 77% 77%                                 | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 96% 97% 100% 100%                               | 58%  L. meg. 54% 74% 81% 82% 74% 88% 89% 86% 87% 94% 93% 93% 93% 97% 100% 100% 96% 98%                               | 76%  M. sal. 65% 79% 84% 84% 84% 92% 94% 92% 98% 89% 94% 96% 96% 96% 98% 100% 97% 95%                         | C. cy 719 759 859 9119 889 889 889 969 969 999 999 999 999 99                               |
| 5 0 5 0 5 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 0 5 5 0 0 0 0 5 5 0 0 0 0 5 5 0 0 0 0 0 0 5 5 0  | 58%  - QT 0.75 - Pool Min All  0%  3%  9%  22%  37%  48%  57%  66%  66%  68%  69%  70%  71%  74%  80%  75%  75%  75%  77%  82%                                  | 87%  For the state of the state | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 90% 90% 90% 90% 90% 90% 90% 90% 90% 92% 92% 87%  | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 97% 100% 95% 85% 85% 85% 84% 86% 81%  | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  66%  68%  69%  70%  71%  74%  80%  81%  81%  84%  86%  89%  91%                              | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 99% 99% 99% 95% 95%                               | A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95% 94% 80% 80% 75% 77% 77% 99%                          | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 96% 97% 100% 100% 94%                           | 58%  L. meg. 54% 74% 81% 82% 744% 887% 888% 89% 86% 87% 94% 93% 93% 93% 90% 100% 96% 96% 98% 87%                     | 76%  M. sal. 65% 79% 84% 84% 92% 94% 92% 96% 96% 96% 96% 98% 100% 97% 95% 94% 82%                             | C. cy 719 759 859 919 889 889 889 969 969 999 999 999 999 99                                |
| 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5 5 0 5  | 58%  - QT 0.75 - Pool Min All  0%  3%  9%  22%  37%  48%  57%  66%  66%  66%  70%  71%  80%  75%  75%  75%  77%  82%  72%                                       | 87%  Ol Total E. gra.  55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 99% 98% 98% 98% 98% 98% 98% 98% 98% 98  | 87%  C. pro.  46% 62% 68% 72% 79% 80% 844% 85% 88% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90          | D. arg. 59% 77% 78% 90% 95% 94% 96% 96% 96% 96% 95% 85% 85% 85% 85% 84% 86% 81% 90%   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  66%  66%  69%  70%  71%  74%  80%  81%  81%  81%  84%  89%  91%  92%                         | N. ama. 51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 100% 99% 99% 95% 95% 95% 95%                      | A. mex.  85% 96% 90% 100% 99% 95% 94% 93% 95% 94% 80% 80% 75% 77% 77% 99% 92%                          | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 97% 100% 100% 94% 91%                           | 58%  L. meg. 54% 74% 81% 82% 744% 887% 889% 86% 87% 944% 988% 93% 9100% 100% 96% 96% 98% 87% 78%                     | 76%  M. sal. 65% 79% 84% 84% 92% 94% 92% 96% 96% 96% 96% 96% 95% 94% 97%                                      | C. cy 719 759 859 919 889 889 889 919 919 969 969 999 999 999 997 849                       |
| 5 0 5 0 5 0 5 0 5 0 5 0 5 5 0 5 5 0 7 5  | 58%  - QT 0.75 -Poot Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%  69%  70%  71%  74%  80%  75%  75%  75%  77%  77%  82%  61%                              | 87%  Di Total E. gra.  55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 998% 98% 98% 98% 98% 98% 98% 98% 98% 88% 8  | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90% 90% 90% 90% 90% 90% 92% 92% 87% 92% 100% | D. arg.  59% 77% 78% 90% 95% 94% 96% 96% 96% 97% 97% 100% 95% 85% 85% 85% 84% 86% 81% 90% 72%                                   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  69%  70%  71%  74%  80%  81%  81%  81%  84%  86%  89%  91%  92%  100%              | N. ama.  51% 59% 60% 76% 81% 82% 83% 93% 93% 100% 100% 100% 99% 99% 99% 95% 95% 95% 95% 97% 90%         | 69%  A. mex.  85% 96% 95% 90% 100% 99% 95% 95% 94% 80% 80% 76% 75% 77% 77% 99% 92% 88%                 | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 87% 86% 91% 91% 96% 96% 96% 96% 97% 100% 100% 100% 94% 91% 81%          | 58%  L. meg. 54% 74% 81% 82% 74% 88% 89% 89% 89% 89% 80% 87% 94% 93% 93% 93% 93% 97% 100% 96% 96% 98% 87% 78%        | 76%  M. sal. 65% 79% 84% 84% 92% 94% 92% 94% 92% 95% 96% 96% 96% 96% 96% 97% 95% 94% 82% 77%                  | C. cy 719 759 859 919 889 889 919 919 969 969 999 999 999 999 999 99                        |
| 5 0 5 0 5 0 5 0 5 0 5 0 5 0 0 5 5 0 0 0 5 5 0 0 0 0 5 5 0  | 58%  - QT 0.75 -Poo Min All  0%  3%  9%  22%  37%  48%  57%  66%  68%  69%  70%  71%  74%  80%  75%  75%  75%  77%  82%  72%  61%  58%                          | 87%  Ol Total E. gra.  55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 98% 98% 98% 88% 88% 88% 88% 88  | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90       | D. arg.  59% 77% 78% 90% 95% 94% 96% 96% 96% 97% 100% 95% 85% 85% 85% 84% 86% 81% 90% 72% 72%                                   | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  69%  70%  71%  74%  80%  81%  81%  81%  81%  81%  81%  81                          | N. ama.  51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 100% 99% 99% 95% 95% 95% 95% 95% 95% 95% 90% 84% | 69%  A. mex.  85% 96% 95% 90% 100% 99% 95% 95% 94% 80% 80% 76% 75% 75% 77% 77% 99% 92% 88% 85%         | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 96% 97% 100% 100% 100% 100% 94% 91% 81% 84%     | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 89% 89% 89% 80% 93% 91% 100% 96% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98 | 76%  M. sal. 65% 79% 84% 84% 84% 92% 92% 92% 92% 88% 89% 96% 96% 96% 96% 98% 100% 97% 95% 94% 82% 77% 73% 71% | C. cy 719 759 889 889 889 919 919 969 999 999 999 997 997 849                               |
| cos Q<br>Q<br>1 5 0 5 0 5 0 5 0 5 0 5 0 5 0 0 5 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0  | 58%  - QT 0.75 -Poo Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%  70%  71%  74%  80%  75%  75%  75%  77%  82%  77%  82%  54%                     | 87%  Of Total E. gra.  55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 88% 88% 88% 88% 91% 91% 86% 89% 91% 91% 86% 91% 91% 86% 91% 91%   | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90       | D. arg.  D. arg.  59%  77%  78%  90%  95%  94%  96%  96%  96%  97%  97%  100%  95%  85%  85%  84%  86%  81%  90%  72%  72%  66% | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  70%  71%  74%  80%  81%  81%  81%  84%  86%  91%  92%  100%  108%  106%       | N. ama.  51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 100% 99% 99% 95% 95% 95% 95% 95% 95% 95% 95      | 69%  A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95% 94% 80% 80% 76% 75% 75% 77% 77% 99% 88% 85% 79% | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 97% 100% 100% 100% 100% 14% 91% 81% 84%         | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 89% 89% 89% 80% 93% 93% 93% 93% 96% 96% 96% 96% 96% 98% 87% 54%         | 76%  M. sal. 65% 79% 84% 84% 84% 92% 92% 92% 92% 88% 96% 96% 96% 96% 96% 97% 95% 94% 82% 77% 73% 71% 68%      | 78%  C. cy. 71% 75% 85% 85% 91% 889 98% 96% 96% 99% 99% 99% 99% 99% 97% 84% 79% 74%         |
| cos 2 1 1 5  | 58%  - QT 0.75 -Poo Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%  70%  71%  74%  80%  75%  75%  75%  77%  82%  77%  82%  72%  61%  58%  54%  51% | 87%  Of Total E. gra. 55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 98% 98% 98% 100% 100% 102% 93% 94%   | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90       | D. arg.  59%  77%  78%  90%  95%  94%  96%  96%  96%  97%  100%  95%  85%  85%  84%  86%  81%  90%  72%  72%  66%  53%          | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  70%  71%  74%  80%  81%  81%  84%  86%  89%  91%  92%  100%  108%  106%  101% | N. ama.  51% 59% 60% 76% 81% 82% 83% 93% 93% 94% 100% 100% 100% 99% 99% 95% 95% 95% 95% 95% 95% 95% 95  | 69%  A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95% 75% 75% 77% 77% 99% 88% 88% 85% 79%             | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 97% 100% 100% 100% 100% 14% 91% 81% 84% 99% 94% | 58%  L. meg. 54% 74% 81% 82% 74% 88% 89% 89% 89% 86% 97% 100% 96% 96% 98% 87% 78% 61% 58% 54% 51%                    | 76%  M. sal. 65% 79% 84% 84% 84% 92% 92% 92% 98% 90% 96% 96% 96% 96% 96% 97% 95% 94% 68% 63%                  | 78%  C. cy. 71% 759 889 889 889 91% 96% 96% 99% 99% 99% 99% 99% 97% 84% 79% 71%             |
| 5 0 5 0 5 0 5 0 5 5 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 0 5 5 0 0 0 0 5 5 0  | 58%  - QT 0.75 -Poo Min All  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  69%  70%  71%  74%  80%  75%  75%  75%  77%  82%  77%  82%  54%                     | 87%  Of Total E. gra.  55% 70% 77% 81% 90% 86% 91% 92% 96% 96% 96% 98% 98% 88% 88% 88% 88% 91% 91% 86% 89% 91% 91% 86% 91% 91% 86% 91% 91%   | 87%  C. pro.  46% 62% 68% 72% 79% 80% 84% 85% 88% 88% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90       | D. arg.  D. arg.  59%  77%  78%  90%  95%  94%  96%  96%  96%  97%  97%  100%  95%  85%  85%  84%  86%  81%  90%  72%  72%  66% | 75%  N. bra.  0%  3%  9%  22%  37%  48%  57%  59%  66%  68%  70%  71%  74%  80%  81%  81%  81%  84%  86%  91%  92%  100%  108%  106%       | N. ama.  51% 59% 60% 76% 81% 82% 83% 93% 94% 100% 100% 100% 99% 99% 95% 95% 95% 95% 95% 95% 95% 95      | 69%  A. mex.  85% 96% 95% 90% 100% 99% 95% 94% 93% 95% 94% 80% 80% 76% 75% 75% 77% 77% 99% 88% 85% 79% | 73%  M. con.  45% 52% 54% 73% 78% 79% 87% 86% 91% 91% 92% 96% 96% 97% 100% 100% 100% 100% 14% 91% 81% 84%         | 58%  L. meg. 54% 74% 81% 82% 74% 87% 88% 89% 89% 89% 89% 80% 93% 93% 93% 93% 96% 96% 96% 96% 96% 98% 87% 54%         | 76%  M. sal. 65% 79% 84% 84% 84% 92% 92% 92% 92% 88% 96% 96% 96% 96% 96% 97% 95% 94% 82% 77% 73% 71% 68%      | C. cy 719 759 889 889 889 919 919 969 999 999 999 997 1000 1000 999 997 977 849             |

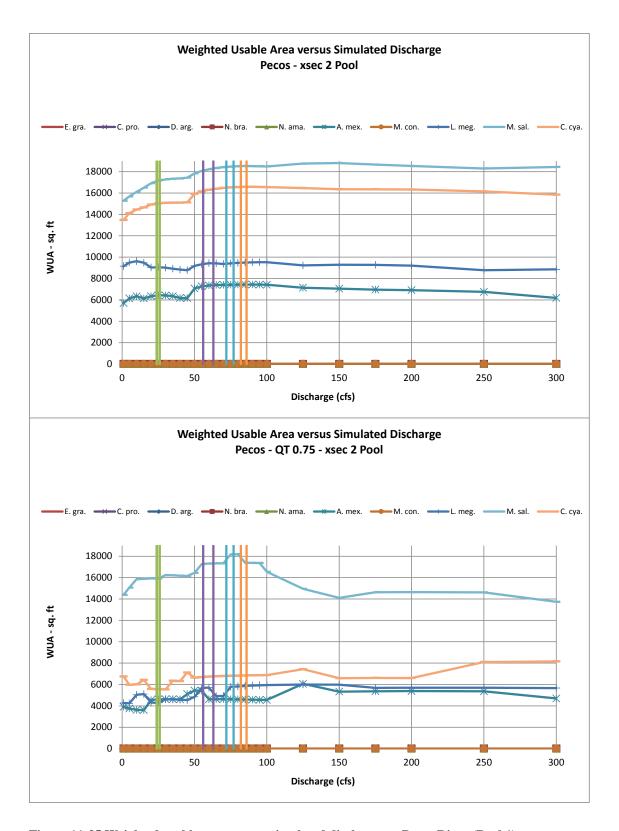


Figure 11-35 Weighted usable area versus simulated discharge at Pecos River (Pool 1).

Table 11-35 Percent of maximum WUA versus simulated discharge at Pecos River (Pool 1).

|  | - X      | sec 2 Pool  |     |   |        |   |   |   |     |   |   |  |   |  |   |  |
|--|----------|---|-----|---|--------|---|---|---|-----|---|---|--|---|--|---|--|
| Q  |          | Min All   | _   | E. gra.   | _      | C. pro.   | _ | D. arg.   | _   | N. bra.   | N. ama.   | A. mex.  | M. con.   | L. meg.  | M. sal.   | C. cya.  |
| 1  | -        | #DIV/0!   | į   | #DIV/0!   | ÷      | #DIV/0!   | Ĺ | #DIV/0!   | ÷   | #DIV/0!   | #DIV/0!   | 77%  | #DIV/0!   | 95%  | 81%   | 81%  |
| 5  | -        | #DIV/0!   | ÷   | #DIV/0!   | į      | #DIV/0!   |   | #DIV/0!   | ÷   | #DIV/0!   | #DIV/0:   | 83%  | #DIV/0!   | 99%  | 83%   | 85%  |
| 10   | _        | #DIV/0!   | Ė   | #DIV/0!   | Ċ      | #DIV/0!   | Ĺ | #DIV/0!   | Ė   | #DIV/0!   | #DIV/0!   | 85%  | #DIV/0!   | 100%   | 86%   | 87%  |
| 15   | -        | #DIV/0!   | _   | #DIV/0!   | _      | #DIV/0!   |   | #DIV/0!   | _   | #DIV/0!   | #DIV/0!   | 83%  | #DIV/0!   | 99%  | 88%   | 88%  |
| 20   | •        | #DIV/0!   |     | #DIV/0!   |        | #DIV/0!   |   | #DIV/0!   | _   | #DIV/0!   | #DIV/0!   | 85%  | #DIV/0!   | 94%  | 90%   | 90%  |
| 25   | _        | #DIV/0!   | _   | #DIV/0!   |        | #DIV/0!   |   | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 86%  | #DIV/0!   | 94%  | 91%   | 91%  |
| 30   |          | #DIV/0!   | _   | #DIV/0!   | _      | #DIV/0!   | _ | #DIV/0!   | _   | #DIV/0!   | #DIV/0!   | 86%  | #DIV/0!   | 94%  | 92%   | 91%  |
| 35   | _        | #DIV/0!   | _   | #DIV/0!   |        | #DIV/0!   |   | #DIV/0!   | _   | #DIV/0!   | #DIV/0!   | 85%  | #DIV/0!   | 93%  | 92%   | 91%  |
| 40   | _        | #DIV/0!   | _   | #DIV/0!   | _      | #DIV/0!   | _ | #DIV/0!   | _   | #DIV/0!   | #DIV/0!   | 83%  | #DIV/0!   | 92%  | 92%   | 91%  |
| 45   | _        | #DIV/0!   | _   | #DIV/0!   | _      | #DIV/0!   | _ | #DIV/0!   | _   | #DIV/0!   | #DIV/0!   | 83%  | #DIV/0!   | 91%  | 93%   | 91%  |
| 50   | _        | #DIV/0!   |     | #DIV/0!   |        | #DIV/0!   | _ | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 95%  | #DIV/0!   | 95%  | 95%   | 96%  |
| 55   | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   | • | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 98%  | #DIV/0!   | 97%  | 96%   | 97%  |
| 60   | <u>-</u> | #DIV/0!   | •   | #DIV/0!   | 7      | #DIV/0!   | _ | #DIV/0!   | _   | #DIV/0!   | #DIV/0!   | 99%  | #DIV/0!   | 98%  | 97%   | 98%  |
| 65   | _        | #DIV/0!   |     | #DIV/0!   |        | #DIV/0!   |   | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 100%   | #DIV/0!   | 98%  | 98%   | 99%  |
| 70   | •        | #DIV/0!   | •   | #DIV/0!   | _      | #DIV/0!   | _ | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 100%   | #DIV/0!   | 97%  | 98%   | 99%  |
| 75   | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 100%   | #DIV/0!   | 98%  | 98%   | 100%   |
| 80   | _        | #DIV/0!   |     | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 100%   | #DIV/0!   | 98%  | 98%   | 100%   |
| 85   | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   | • | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 100%   | #DIV/0!   | 99%  | 99%   | 100%   |
| 90   | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 100%   | #DIV/0!   | 99%  | 99%   | 100%   |
| 95   | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   | • | #DIV/0!   | •   | #DIV/0!   | #DIV/0!   | 100%   | #DIV/0!   | 99%  | 98%   | 100%   |
| 100  | F        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   | F   | #DIV/0!   | #DIV/0!   | 100%   | #DIV/0!   | 99%  | 98%   | 100%   |
| 125  | F        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   | •   | #DIV/0!   | #DIV/0!   | 96%  | #DIV/0!   | 96%  | 100%  | 99%  |
| 150  | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   | • | #DIV/0!   | •   | #DIV/0!   | #DIV/0!   | 95%  | #DIV/0!   | 97%  | 100%  | 99%  |
| 175  | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   | •   | #DIV/0!   | #DIV/0!   | 94%  | #DIV/0!   | 96%  | 99%   | 99%  |
| 200  | r        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   | •   | #DIV/0!   | #DIV/0!   | 93%  | #DIV/0!   | 96%  | 99%   | 98%  |
| 250  | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 91%  | #DIV/0!   | 91%  | 97%   | 97%  |
| 300  | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   | • | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 83%  | #DIV/0!   | 92%  | 98%   | 96%  |
| 350  | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   | • | #DIV/0!   | •   | #DIV/0!   | #DIV/0!   | 80%  | #DIV/0!   | 92%  | 97%   | 93%  |
| 400  | •        | #DIV/0!   | •   | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   |     | #DIV/0!   | #DIV/0!   | 77%  | #DIV/0!   | 92%  | 96%   | 92%  |
| 500  | <u> </u> | #DIV/0!   |     | #DIV/0!   | •      | #DIV/0!   |   | #DIV/0!   | •   | #DIV/0!   | #DIV/0!   | 70%  | #DIV/0!   | 87%  | 89%   | 87%  |
| Q  |          |   | ec. | 2 Pool  |        | C   |   | D   |     | N. bar  | N   | •  |   |  | NA  | 6  |
| 1  | •        | Min All<br>#DIV/0!  | ec. | E. gra.<br>#DIV/0!  | _      | C. pro.<br>#DIV/0!  | _ | D. arg.<br>#DIV/0!  | •   | N. bra.<br>#DIV/0!  | N. ama.<br>#DIV/0!  | A. mex.<br>64%   | M. con.<br>#DIV/0!  | L. meg.<br>71%   | M. sal.<br>79%  | C. cya.<br>91%   |
| 5  |          | Min All<br>#DIV/0!<br>#DIV/0!   | ec. | E. gra.<br>#DIV/0!<br>#DIV/0!   | •      | #DIV/0!<br>#DIV/0!  | • | #DIV/0!<br>#DIV/0!  | •   | #DIV/0!<br>#DIV/0!  | #DIV/0!<br>#DIV/0!  | 64%<br>62%   | #DIV/0!<br>#DIV/0!  | 71%<br>71%   | 79%<br>83%  | 91%<br>80%   |
| 5<br>10  |          | Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  | P   | E. gra.<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  |        | #DIV/0!<br>#DIV/0!<br>#DIV/0!   |   | #DIV/0!<br>#DIV/0!<br>#DIV/0!   |     | #DIV/0!<br>#DIV/0!<br>#DIV/0!   | #DIV/0!<br>#DIV/0!<br>#DIV/0!   | 64%<br>62%<br>60%  | #DIV/0!<br>#DIV/0!<br>#DIV/0!   | 71%<br>71%<br>84%  | 79%<br>83%<br>87%   | 91%<br>80%<br>81%  |
| 5<br>10<br>15  |          | Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   | F F | E. gra.<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   |        | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  |   | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  |     | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  | 64%<br>62%<br>60%<br>59%   | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  | 71%<br>71%<br>84%<br>85%   | 79%<br>83%<br>87%<br>87%  | 91%<br>80%<br>81%<br>86%   |
| 5<br>10  |          | Min All<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  | P P | E. gra.<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!  |        | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   |   | #DIV/0!<br>#DIV/0!<br>#DIV/0!   |     | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   | #DIV/0!<br>#DIV/0!<br>#DIV/0!   | 64%<br>62%<br>60%  | #DIV/0!<br>#DIV/0!<br>#DIV/0!   | 71%<br>71%<br>84%  | 79%<br>83%<br>87%   | 91%<br>80%<br>81%  |
| 5<br>10<br>15  |          | Min All #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!   | P P | E. gra. #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!   |        | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   |   | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   |     | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   | 64%<br>62%<br>60%<br>59%   | #DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!<br>#DIV/0!   | 71%<br>71%<br>84%<br>85%   | 79%<br>83%<br>87%<br>87%  | 91%<br>80%<br>81%<br>86%<br>75%  |
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| 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175                | ,<br>,   | Min All  #DIV/0!  |     | #DIV/O!   |        | #DIV/0!   |   | #DIV/0!   | F F | #DIV/0!   | #DIV/0!   | 64% 62% 60% 59% 75% 76% 76% 76% 84% 90% 89% 76% 76% 76% 76% 76% 75% 100% 88% 88%                 | #DIV/0!   | 71% 71% 84% 85% 72% 72% 77% 76% 81% 95% 82% 82% 96% 97% 98% 99% 100% 100% 95%                      | 79% 83% 87% 887% 888% 89% 89% 89% 90% 95% 95% 95% 95% 91% 82% 78% 80%                           | 91%<br>80%<br>81%<br>86%<br>75%<br>74%<br>85%<br>85%<br>90%<br>91%<br>91%<br>92%<br>92%<br>92%<br>92%<br>92%   |
| 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200         | ,<br>,   | Min All  #DIV/0!  |     | #DIV/O!   |        | #DIV/0!   |   | #DIV/0!   | F F | #DIV/0!   | #DIV/0!   | 64% 62% 60% 59% 75% 76% 76% 76% 84% 90% 89% 76% 76% 76% 75% 100% 88% 88% 89%                     | #DIV/0!   | 71% 71% 84% 85% 72% 72% 77% 76% 76% 81% 95% 82% 82% 96% 97% 98% 99% 100% 100% 95%                  | 79% 83% 87% 87% 88% 89% 89% 89% 90% 95% 95% 95% 95% 95% 100% 96% 96% 91% 82% 78% 80%            | 91%<br>80%<br>81%<br>86%<br>75%<br>74%<br>85%<br>85%<br>96%<br>91%<br>91%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%                                     |
| 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>175<br>200<br>250  | ,<br>,   | Min All #DIV/0!                                 |     | #DIV/O!   |        | #DIV/O!   |   | #DIV/0!   | F F | #DIV/0!                                 | #DIV/0!                 | 64% 62% 60% 59% 75% 76% 76% 76% 84% 90% 89% 76% 76% 76% 75% 75% 100% 88% 88% 89%                 | #DIV/0!   | 71% 71% 84% 85% 72% 72% 77% 76% 76% 81% 95% 82% 96% 97% 98% 98% 98% 99% 99% 100% 100% 95% 95%      | 79% 83% 87% 87% 88% 88% 89% 89% 99% 95% 95% 95% 95% 95% 96% 96% 96% 96% 82% 78% 80% 80%         | 91%<br>80%<br>81%<br>86%<br>75%<br>74%<br>85%<br>85%<br>90%<br>91%<br>91%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%                                     |
| 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>95<br>100<br>175<br>200<br>250<br>300                     | ,<br>,   | Min All #DIV/0!                         |     | #DIV/O!   |        | #DIV/0!   |   | #DIV/0!   | F F | #DIV/0!                         | #DIV/0!                         | 64% 62% 60% 59% 75% 76% 76% 76% 84% 90% 89% 76% 76% 76% 75% 100% 88% 88% 89% 88%                 | #DIV/0!   | 71% 71% 84% 85% 72% 72% 77% 76% 76% 81% 95% 82% 82% 96% 99% 100% 100% 95% 95% 94%                  | 79% 83% 87% 87% 88% 88% 89% 89% 90% 95% 95% 95% 95% 100% 100% 96% 95% 91% 82% 78% 80% 80% 80%   | 91%<br>80%<br>81%<br>86%<br>75%<br>74%<br>85%<br>96%<br>99%<br>91%<br>91%<br>91%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%<br>100%<br>89%<br>89%               |
| 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>150<br>250<br>300<br>350  | ,<br>,   | Min All #DIV/0! |     | #DIV/O! |        | #DIV/0! |   | #DIV/0! | F F | #DIV/0! | #DIV/0! | 64% 62% 60% 59% 75% 76% 76% 76% 84% 90% 89% 76% 76% 76% 76% 76% 76% 75% 100% 88% 88% 89% 88% 77% | #DIV/0! | 71% 71% 84% 85% 72% 72% 77% 76% 76% 81% 95% 95% 82% 82% 96% 97% 98% 99% 100% 100% 95% 95% 94% 119% | 79% 83% 87% 87% 88% 89% 89% 89% 90% 95% 95% 95% 95% 95% 96% 96% 96% 96% 96% 82% 78% 80% 80% 76% | 91%<br>80%<br>81%<br>86%<br>75%<br>74%<br>85%<br>96%<br>99%<br>91%<br>91%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%<br>100%<br>89%<br>89%                      |
| 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>66<br>67<br>70<br>75<br>80<br>95<br>100<br>125<br>150<br>175<br>200<br>250<br>300 | ,<br>,   | Min All #DIV/0!                         |     | #DIV/O!   |        | #DIV/0!   |   | #DIV/0!   | F F | #DIV/0!                         | #DIV/0!                         | 64% 62% 60% 59% 75% 76% 76% 76% 84% 90% 89% 76% 76% 76% 75% 100% 88% 88% 89% 88%                 | #DIV/0!   | 71% 71% 84% 85% 72% 72% 77% 76% 76% 81% 95% 82% 82% 96% 99% 100% 100% 95% 95% 94%                  | 79% 83% 87% 87% 88% 88% 89% 89% 90% 95% 95% 95% 95% 100% 100% 96% 95% 91% 82% 78% 80% 80% 80%   | 91%<br>80%<br>81%<br>86%<br>75%<br>74%<br>85%<br>85%<br>96%<br>99%<br>91%<br>91%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%<br>92%<br>100%<br>89%<br>89% |

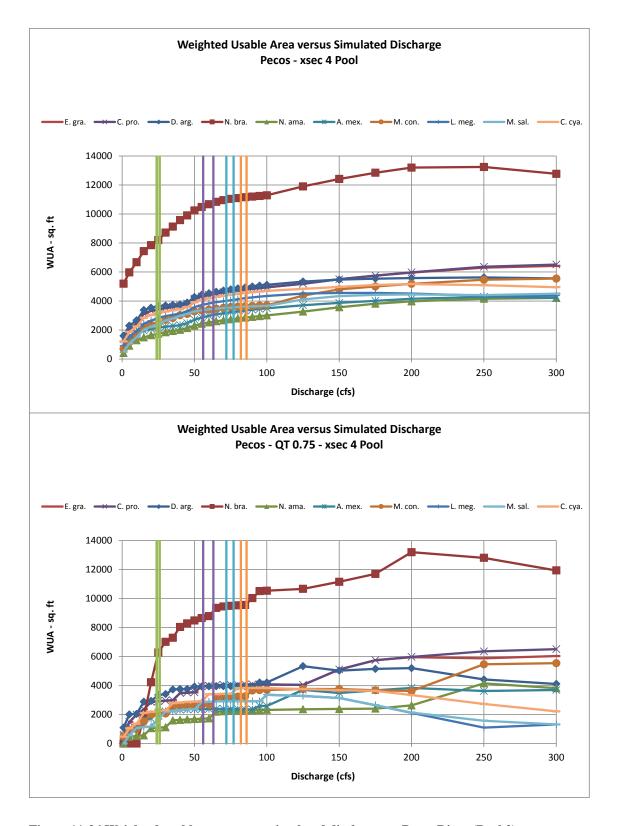


Figure 11-36 Weighted usable area versus simulated discharge at Pecos River (Pool 2).

Table 11-36 Percent of maximum WUA versus simulated discharge at Pecos River (Pool 2).

| Q  | -xsec 4 Pool<br>Min All   | E. gra.  | C. pro.  | D. arg.  | N. bra.   | N. ama.  | A. mex.   | M. con.  | L. meg.   | M. sal.   | C. cya  |
|--|---|--|--|--|---|--|---|--|---|---|---|
| 1  | 11%   | 24%  | 24%  | 29%  | 40%   | 11%  | 17%   | 14%  | 21%   | 12%   | 24%   |
| 5  | 23%   | 36%  | 36%  | 41%  | 47%   | 24%  | 34%   | 23%  | 34%   | 24%   | 37%   |
| 10   | 32%   | 43%  | 43%  | 48%  | 52%   | 34%  | 44%   | 32%  | 42%   | 34%   | 44%   |
| 15   | 39%   | 55%  | 55%  | 61%  | 58%   | 39%  | 48%   | 44%  | 53%   | 46%   | 56%   |
| 20   | 43%   | 58%  | 58%  | 64%  | 61%   | 43%  | 52%   | 47%  | 58%   | 51%   | 59%   |
| 25   | 46%   | 60%  | 60%  | 66%  | 64%   | 46%  | 54%   | 49%  | 62%   | 54%   | 62%   |
| 30   | 48%   | 61%  | 61%  | 67%  | 68%   | 48%  | 55%   | 54%  | 65%   | 60%   | 64%   |
| 35   | 51%   | 63%  | 63%  | 67%  | 71%   | 51%  | 57%   | 57%  | 67%   | 63%   | 66%   |
| 40<br>45   | 53%<br>56%  | 64%<br>67%   | 64%<br>67%   | 68%<br>70%   | 75%<br>77%  | 53%<br>56%   | 58%<br>62%  | 60%<br>62%   | 69%<br>72%  | 68%<br>71%  | 67%<br>70%  |
| 50   | 61%   | 73%  | 72%  | 77%  | 80%   | 61%  | 67%   | 66%  | 72%   | 74%   | 77%   |
| 55   | 64%   | 75%  | 75%  | 80%  | 82%   | 64%  | 71%   | 67%  | 82%   | 76%   | 80%   |
| 60   | 66%   | 77%  | 77%  | 82%  | 83%   | 66%  | 74%   | 68%  | 84%   | 78%   | 82%   |
| 65   | 68%   | 79%  | 79%  | 84%  | 84%   | 68%  | 77%   | 70%  | 86%   | 79%   | 84%   |
| 70   | 70%   | 80%  | 80%  | 85%  | 85%   | 70%  | 79%   | 71%  | 88%   | 79%   | 85%   |
| 75   | 72%   | 82%  | 82%  | 87%  | 86%   | 72%  | 80%   | 72%  | 89%   | 80%   | 87%   |
| 80   | 72%   | 83%  | 83%  | 88%  | 86%   | 73%  | 82%   | 72%  | 91%   | 81%   | 88%   |
| 85   | 73%   | 84%  | 83%  | 89%  | 87%   | 75%  | 83%   | 73%  | 92%   | 82%   | 89%   |
| 90   | 73%   | 84%  | 84%  | 90%  | 87%   | 76%  | 85%   | 73%  | 93%   | 82%   | 90%   |
| 95   | 74%   | 85%  | 85%  | 91%  | 88%   | 78%  | 86%   | 74%  | 94%   | 83%   | 91%   |
| 100  | 74%   | 86%  | 86%  | 92%  | 88%   | 79%  | 87%   | 74%  | 95%   | 83%   | 92%   |
| 25   | 86%   | 90%  | 90%  | 96%  | 93%   | 86%  | 92%   | 87%  | 99%   | 93%   | 95%   |
| 150  | 94%   | 96%  | 96%  | 99%  | 97%   | 94%  | 96%   | 96%  | 100%  | 98%   | 97%   |
| 175  | 100%  | 100%   | 100%   | 100%   | 100%  | 100%   | 100%  | 100%   | 100%  | 100%  | 100%  |
| 200  | 99%   | 104%   | 104%   | 101%   | 103%  | 104%   | 103%  | 104%   | 99%   | 101%  | 101%  |
| 250  | 96%   | 110%   | 111%   | 102%   | 103%  | 109%   | 107%  | 109%   | 96%   | 100%  | 100%  |
| 00   | 96%   | 112%   | 113%   | 100%   | 99%   | 110%   | 105%  | 111%   | 96%   | 102%  | 97%   |
| 50   | 93%   | 113%   | 115%   | 97%  | 96%   | 111%   | 104%  | 110%   | 93%   | 101%  | 94%   |
| 00   | 80%   | 114%   | 115%   | 90%  | 91%   | 113%   | 104%  | 105%   | 80%   | 95%   | 94%   |
|  | - QT 0.75 - xse   |  | Cara   | D. ara   | 74%   | 101%   | 116%  | 92%  | 74%   | 86%<br>M. 62l   |   |
| Q  | Min All   | E. gra.  | C. pro.  | D. arg.  | N. bra.   | N. ama.  | A. mex.   | M. con.  | L. meg.   | M. sal.   | C. cya  |
| Q<br>1   | Min All<br>0%   | E. gra.<br>10%   | 10%  | 21%  | N. bra .<br>0%  | N. ama.<br>0%  | A. mex.<br>13%  | M. con.<br>13%   | L. meg.<br>0%   | M. sal.<br>0%   | C. cya<br>13%   |
| Q<br>1<br>5  | Min All<br>0%<br>0%   | E. gra.<br>10%<br>26%  | 10%<br>26%   | 21%<br>38%   | N. bra.<br>0%<br>0%   | N. ama.<br>0%<br>19%   | A. mex.<br>13%<br>29%   | M. con.<br>13%<br>25%  | L. meg.<br>0%<br>17%  | M. sal.<br>0%<br>17%  | C. cya<br>13%<br>28%  |
| Q<br>1<br>5<br>10  | Min All<br>0%<br>0%<br>0%   | E. gra.<br>10%<br>26%<br>35%   | 10%<br>26%<br>35%  | 21%<br>38%<br>38%  | N. bra.<br>0%<br>0%<br>0%   | N. ama.<br>0%<br>19%<br>22%  | A. mex.<br>13%<br>29%<br>31%  | M. con.<br>13%<br>25%<br>26%   | L. meg.<br>0%<br>17%<br>32%   | M. sal.<br>0%<br>17%<br>32%   | C. cya<br>13%<br>28%<br>36%   |
| Q<br>1<br>5<br>10<br>15  | Min All<br>0%<br>0%<br>0%<br>16%  | E. gra.<br>10%<br>26%<br>35%<br>41%  | 10%<br>26%<br>35%<br>41%   | 21%<br>38%<br>38%<br>54%   | N. bra.<br>0%<br>0%<br>0%<br>16%  | N. ama.<br>0%<br>19%<br>22%<br>23%   | A. mex.<br>13%<br>29%<br>31%<br>45%   | M. con.<br>13%<br>25%<br>26%<br>40%  | L. meg.<br>0%<br>17%<br>32%<br>34%  | M. sal.<br>0%<br>17%<br>32%<br>34%  | C. cya<br>13%<br>28%<br>36%<br>55%  |
| Q<br>1<br>5<br>10<br>15<br>20  | Min All 0% 0% 0% 16% 35%  | E. gra.<br>10%<br>26%<br>35%<br>41%<br>50%   | 10%<br>26%<br>35%<br>41%<br>50%  | 21%<br>38%<br>38%<br>54%<br>55%  | N. bra.<br>0%<br>0%<br>0%<br>16%<br>36%   | N. ama.<br>0%<br>19%<br>22%<br>23%<br>44%  | A. mex.<br>13%<br>29%<br>31%<br>45%<br>47%  | M. con.<br>13%<br>25%<br>26%<br>40%<br>53%   | L. meg.<br>0%<br>17%<br>32%<br>34%<br>35%   | M. sal.<br>0%<br>17%<br>32%<br>34%<br>35%   | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%   |
| Q<br>1<br>5<br>10<br>15<br>20  | Min All 0% 0% 0% 16% 35% 46%  | E. gra.<br>10%<br>26%<br>35%<br>41%<br>50%   | 10%<br>26%<br>35%<br>41%<br>50%<br>51%   | 21%<br>38%<br>38%<br>54%<br>55%<br>63%   | N. bra.  0%  0%  0%  16%  36%  54%  | N. ama.<br>0%<br>19%<br>22%<br>23%<br>44%  | A. mex.<br>13%<br>29%<br>31%<br>45%<br>47%  | M. con.<br>13%<br>25%<br>26%<br>40%<br>53%<br>54%  | L. meg.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%  | M. sal.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%  | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25  | Min All 0% 0% 0% 16% 35% 46%  | E. gra.  10% 26% 35% 41% 50% 51%   | 10%<br>26%<br>35%<br>41%<br>50%<br>51%   | 21%<br>38%<br>38%<br>54%<br>55%<br>63%<br>64%  | N. bra.<br>0%<br>0%<br>0%<br>16%<br>36%<br>54%<br>60%   | N. ama.<br>0%<br>19%<br>22%<br>23%<br>44%<br>46%   | A. mex.<br>13%<br>29%<br>31%<br>45%<br>47%<br>58%<br>60%  | M. con.<br>13%<br>25%<br>26%<br>40%<br>53%<br>54%  | L. meg.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%<br>65%   | M. sal.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%  | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | Min All 0% 0% 0% 16% 35% 46%  | E. gra.<br>10%<br>26%<br>35%<br>41%<br>50%   | 10%<br>26%<br>35%<br>41%<br>50%<br>51%   | 21%<br>38%<br>38%<br>54%<br>55%<br>63%   | N. bra.  0%  0%  0%  16%  36%  54%  | N. ama.<br>0%<br>19%<br>22%<br>23%<br>44%  | A. mex.<br>13%<br>29%<br>31%<br>45%<br>47%  | M. con.<br>13%<br>25%<br>26%<br>40%<br>53%<br>54%  | L. meg.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%  | M. sal.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%  | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>73%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | Min All  0%  0%  0%  16%  35%  46%  47%   | E. gra.<br>10%<br>26%<br>35%<br>41%<br>50%<br>51%<br>52%   | 10%<br>26%<br>35%<br>41%<br>50%<br>51%<br>52%<br>52%                                       | 21%<br>38%<br>38%<br>54%<br>55%<br>63%<br>64%<br>70%                                 | N. bra.<br>0%<br>0%<br>0%<br>16%<br>36%<br>54%<br>60%<br>62%  | N. ama.<br>0%<br>19%<br>22%<br>23%<br>44%<br>46%<br>47%<br>66%   | A. mex.  13% 29% 31% 45% 47% 58% 60% 62%  | M. con. 13% 25% 26% 40% 53% 54% 55% 68%  | L. meg.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%<br>65%<br>67%  | M. sal.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%<br>65%<br>67%  | C. cys<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>73%<br>74%   |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | Min All 0% 0% 0% 16% 35% 46% 47% 52% 61%  | E. gra.<br>10%<br>26%<br>35%<br>41%<br>50%<br>51%<br>52%<br>52%<br>61%                                       | 10%<br>26%<br>35%<br>41%<br>50%<br>51%<br>52%<br>52%<br>61%                                | 21%<br>38%<br>38%<br>54%<br>55%<br>63%<br>64%<br>70%                                 | N. bra.<br>0%<br>0%<br>0%<br>16%<br>36%<br>54%<br>60%<br>62%<br>69%   | N. ama.<br>0%<br>19%<br>22%<br>23%<br>44%<br>46%<br>47%<br>66%<br>68%  | A. mex. 13% 29% 31% 45% 47% 58% 60% 62% 63%   | M. con. 13% 25% 26% 40% 53% 54% 68% 69%  | L. meg.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%<br>65%<br>67%<br>69%                                     | M. sal. 0% 17% 32% 34% 35% 51% 65% 67% 69%  | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>73%<br>74%   |
| Q<br>1<br>5<br>10<br>115<br>220<br>225<br>330<br>440<br>445  | Min All 0% 0% 0% 16% 35% 46% 47% 52% 61%  | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61%   | 10% 26% 35% 41% 50% 51% 52% 61% 61%  | 21%<br>38%<br>38%<br>54%<br>55%<br>63%<br>64%<br>70%<br>70%                          | N. bra.<br>0%<br>0%<br>0%<br>16%<br>36%<br>54%<br>60%<br>62%<br>69%<br>71%  | N. ama.<br>0%<br>19%<br>22%<br>23%<br>44%<br>46%<br>47%<br>66%<br>68%<br>69%   | A. mex. 13% 29% 31% 45% 47% 58% 60% 62% 63% 63%   | M. con. 13% 25% 40% 53% 54% 55% 68% 69%  | L. meg.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%<br>65%<br>67%<br>69%<br>70%                              | M. sal. 0% 17% 32% 34% 35% 51% 65% 67% 69% 70%  | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>73%<br>74%<br>75%  |
| Q<br>1<br>5<br>10<br>115<br>220<br>225<br>330<br>445<br>550  | Min All 0% 0% 0% 16% 35% 46% 47% 52% 61% 61% 62%  | E. gra.<br>10%<br>26%<br>35%<br>41%<br>50%<br>51%<br>52%<br>61%<br>61%<br>62%                                | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62%  | 21%<br>38%<br>38%<br>54%<br>55%<br>63%<br>64%<br>70%<br>70%<br>70%                   | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%   | N. ama.<br>0%<br>19%<br>22%<br>23%<br>44%<br>46%<br>47%<br>66%<br>68%<br>69%<br>70%  | A. mex. 13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64%   | M. con. 13% 25% 40% 53% 54% 55% 68% 69% 69%  | L. meg.<br>0%<br>17%<br>32%<br>34%<br>35%<br>51%<br>65%<br>67%<br>69%<br>70%<br>71%                       | M. sal. 0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71%  | C. cyz<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>73%<br>74%<br>75%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | Min All 0% 0% 0% 16% 35% 46% 47% 52% 61% 61% 62%  | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61% 62%   | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62%  | 21%<br>38%<br>38%<br>54%<br>55%<br>63%<br>64%<br>70%<br>70%<br>74%                   | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  | N. ama.  0%  19%  22%  44%  46%  47%  66%  68%  69%  70%   | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64%  | M. con. 13% 25% 26% 40% 53% 54% 55% 68% 69% 70%  | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  | C. cyz<br>13%<br>28%<br>36%<br>55%<br>57%<br>60%<br>73%<br>74%<br>75%<br>76%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65  | Min All  0%  0%  0%  16%  35%  46%  47%  52%  61%  62%  64%  64%  | E. gra.  10% 26% 35% 41% 50% 51% 61% 62% 69% 69%   | 10% 26% 35% 41% 50% 51% 61% 61% 62% 69%  | 21%<br>38%<br>38%<br>54%<br>55%<br>63%<br>64%<br>70%<br>70%<br>74%<br>74%            | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  | N. ama.  0%  19%  22%  23%  44%  46%  47%  66%  68%  69%  70%  | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64%  | M. con. 13% 25% 26% 40% 53% 54% 55% 68% 69% 70% 70%  | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%                                   | M. sal.  0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71% 85% 86%   | C. cyz<br>13%<br>28%<br>36%<br>55%<br>57%<br>60%<br>73%<br>744<br>75%<br>76%<br>89%   |
| 25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70   | Min All  0%  0%  0%  16%  35%  46%  47%  52%  61%  62%  64%  64%  65%   | E. gra.  10% 26% 35% 41% 50% 51% 62% 61% 62% 69% 69% 70%   | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 69%  | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74%                                      | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  | N. ama.  0% 19% 22% 23% 44% 46% 47% 66% 68% 69% 70% 71% 72% 91%  | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 64% 64% 64% 65%  | M. con.  13% 25% 26% 40% 53% 54% 55% 68% 69% 70% 71% 84%   | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%                              | M. sal.  0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71% 85% 86% 86%   | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>60%<br>73%<br>74%<br>76%<br>76%<br>89%<br>89%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65  | Min All  0%  0%  0%  16%  35%  46%  47%  61%  61%  62%  64%  64%  65%   | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 69% 70%   | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70%  | 21%<br>38%<br>38%<br>54%<br>55%<br>63%<br>64%<br>70%<br>70%<br>74%<br>74%<br>74%     | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%   | N. ama.  0% 19% 22% 23% 44% 46% 47% 66% 68% 69% 70% 71% 72% 91%  | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 64% 64% 65% 65%  | M. con.  13% 25% 26% 40% 53% 54% 55% 68% 69% 70% 71% 84% 85%   | L. meg.  0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71% 85% 86% 86% 87%                                       | M. sal.  0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71% 85% 86% 86% 87%                                       | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>60%<br>73%<br>74%<br>766%<br>89%<br>89%  |
| Q<br>1<br>5<br>10<br>15<br>20<br>25<br>330<br>45<br>55<br>60<br>55<br>70<br>75<br>80   | Min All  0%  0%  0%  16%  35%  46%  47%  52%  61%  62%  64%  65%  64%  64%  64%  64%  | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 62% 69% 70% 71% 71%   | 10% 26% 35% 41% 50% 51% 52% 61% 62% 69% 70% 71% 71%  | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74%                              | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%   | N. ama.  0%  19%  22%  23%  44%  46%  47%  66%  68%  69%  70%  71%  91%  92%  93%  94%   | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 65% 65% 64% 64% 64%  | M. con. 13% 25% 40% 53% 54% 55% 68% 69% 69% 70% 71% 844% 85% 86% 86% 87%   | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%               | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%               | C. cys<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>73%<br>76%<br>76%<br>89%<br>89%<br>90%<br>1009   |
| Q<br>1<br>5<br>110<br>115<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>770<br>775<br>380  | Min All  0%  0%  0%  16%  35%  46%  47%  52%  61%  61%  62%  64%  64%  64%  64%  64%  64%  64   | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 70% 71% 71%   | 10% 26% 35% 41% 50% 51% 52% 61% 62% 69% 69% 70% 71% 71%                                    | 21% 38% 38% 54% 55% 63% 64% 70% 74% 74% 74% 74% 74% 74% 74%                          | N. bra.  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%  82%  86%   | N. ama.  0%  19%  22%  23%  44%  46%  47%  66%  68%  69%  70%  71%  92%  93%  94%  95%  95%  | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 64% 65% 64% 64% 64% 63%  | M. con. 13% 25% 40% 53% 54% 55% 68% 69% 69% 70% 70% 71% 84% 85% 86% 86% 87% 97%                                  | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%     | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%          | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>60%<br>73%<br>74%<br>75%<br>76%<br>89%<br>89%<br>89%<br>1009   |
| Q<br>1<br>5<br>10<br>115<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990  | Min All  0%  0%  0%  0%  16%  35%  46%  47%  52%  61%  61%  62%  64%  64%  64%  65%  64%  64%  64%  64                                | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71%   | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71%                                | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 74% 74% 74%              | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%  82%  86%  90%                                    | N. ama.  0%  19%  22%  23%  44%  46%  47%  66%  68%  69%  70%  71%  72%  91%  92%  93%  94%  95%  96%                                  | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 64% 65% 65% 64% 64% 64% 64%                                    | M. con. 13% 25% 40% 53% 54% 55% 68% 69% 70% 70% 71% 84% 85% 86% 87% 97%  | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%     | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%     | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>60%<br>73%<br>74%<br>75%<br>76%<br>89%<br>89%<br>90%<br>1009<br>1009                                 |
| Q<br>1<br>1<br>5<br>110<br>115<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990<br>995   | Min All  0%  0%  0%  16%  35%  46%  47%  52%  61%  61%  62%  64%  64%  65%  64%  64%  67%  70%  | E. gra.  10% 26% 35% 41% 50% 51% 52% 661% 661% 62% 69% 70% 71% 71% 71%                                       | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71%                            | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 74% 74% 79%              | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%  82%  86%  90%  90%                               | N. ama.  0%  19%  22%  44%  46%  47%  66%  68%  69%  70%  71%  72%  91%  92%  93%  94%  95%  96%  96%                                  | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 64% 65% 65% 64% 64% 67%  | M. con. 13% 25% 40% 53% 54% 55% 68% 69% 70% 71% 84% 85% 86% 86% 87% 97%  | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  87%  87%  87%  87%  87%  87%  87 | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  87%  87%  87%  87%  87%  87%  87 | C. cys<br>13%<br>28%<br>36%<br>55%<br>57%<br>60%<br>73%<br>74%<br>75%<br>76%<br>89%<br>89%<br>90%<br>1009<br>1009                                 |
| Q<br>1<br>1<br>5<br>110<br>115<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990<br>995<br>000<br>225   | Min All  0%  0%  0%  0%  16%  35%  46%  47%  61%  62%  64%  65%  64%  65%  64%  67%  70%  70%   | E. gra.  10% 26% 35% 41% 50% 51% 62% 61% 62% 69% 70% 71% 71% 71% 71% 71%                                     | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 70%                    | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 74% 74% 79% 100%         | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  82%  86%  90%  90%  91%                               | N. ama.  0%  19%  22%  44%  46%  47%  66%  68%  69%  70%  71%  72%  91%  92%  93%  94%  95%  96%  96%  98%                             | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 64% 64% 64% 64% 65% 65% 64% 64% 64% 61% 61% 61% 61% 61% 61% 61% 61% 61% 61 | M. con. 13% 25% 40% 53% 54% 55% 68% 69% 70% 71% 84% 85% 86% 86% 87% 99%  | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  87%  87%  87%  87%  87%  87%  87 | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  87%  87%  87%  87%  87%  87%  87 | C. cys<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>74%<br>75%<br>76%<br>89%<br>89%<br>90%<br>1009<br>1009<br>1009<br>1009                 |
| Q<br>1<br>1<br>5<br>10<br>15<br>20<br>22<br>33<br>33<br>40<br>44<br>55<br>60<br>65<br>77<br>77<br>88<br>99<br>90<br>.25<br>55  | Min All  0%  0%  0%  0%  16%  35%  46%  47%  52%  61%  62%  64%  64%  65%  64%  64%  67%  70%  70%  89%                               | E. gra.  10% 26% 35% 41% 50% 51% 61% 62% 69% 69% 70% 71% 71% 71% 71% 71% 70% 89%                             | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 70% 89%                | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 74% 74% 79% 100% 94%     | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%  82%  86%  90%  90%  91%  95%                     | N. ama.  0%  19%  22%  44%  46%  47%  66%  68%  69%  70%  71%  72%  91%  92%  93%  94%  95%  96%  96%  98%  99%                        | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 64% 64% 64% 64% 64% 64% 64% 64% 64% 64                                     | M. con.  13% 25% 26% 40% 53% 54% 55% 68% 69% 70% 71% 84% 85% 86% 87% 97% 98% 98% 100% 100%                       | L. meg.  0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71% 85% 86% 86% 87% 87% 87% 87% 87% 87% 87% 87% 87%       | M. sal.  0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71% 85% 86% 86% 87% 87% 87% 87% 87% 87% 87% 87%           | C. cyz<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>73%<br>76%<br>89%<br>89%<br>90%<br>1009<br>1009<br>1009<br>1009<br>98%                 |
| Q<br>1<br>1<br>5<br>110<br>115<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>985<br>000<br>225<br>550<br>775   | Min All  0%  0%  0%  16%  35%  46%  47%  61%  62%  64%  64%  65%  65%  64%  70%  70%  89%  79%  | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 71% 70% 89% 100%                | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 70% 89% 100%       | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 74% 79% 100% 94% 96%     | N. bra.  0% 0% 0% 16% 36% 54% 60% 62% 69% 71% 73% 74% 75% 80% 81% 81% 81% 81% 81% 81% 81% 81% 81% 81  | N. ama.  0% 19% 22% 23% 44% 46% 47% 66% 68% 69% 70% 71% 72% 91% 92% 93% 94% 95% 96% 96% 98% 99% 100%                                   | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 64% 65% 65% 64% 64% 64% 100% 94% 99%                           | M. con.  13% 25% 26% 40% 53% 54% 55% 68% 69% 70% 71% 84% 85% 86% 86% 87% 97% 98% 100% 100% 98%                   | L. meg.  0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71% 85% 86% 86% 87% 87% 87% 87% 87% 87% 87% 87% 87%       | M. sal.  0% 17% 32% 34% 35% 51% 65% 67% 69% 70% 71% 85% 86% 86% 87% 87% 87% 87% 87% 87% 87% 87%           | C. cyz<br>13%<br>28%<br>36%<br>55%<br>57%<br>60%<br>73%<br>74%<br>75%<br>76%<br>89%<br>89%<br>1009<br>1009<br>1009<br>1009<br>1009                |
| Q<br>1<br>1<br>5<br>110<br>115<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990<br>225<br>550<br>775   | Min All  0%  0%  0%  16%  35%  46%  47%  52%  61%  61%  62%  64%  64%  64%  64%  64%  64%  64   | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 70% 89% 100%                | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 70% 89% 100%       | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 79% 100% 94% 96% 97%     | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%  81%  81%  90%  90%  91%  95%  100%  113%         | N. ama.  0%  19% 22% 23% 44%  46% 47% 66% 68% 69% 70% 71% 72% 91% 92% 93% 94% 95% 96% 96% 96% 96% 98% 100%                             | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 64% 65% 64% 64% 64% 64% 64% 63% 70% 70% 100% 94% 99% 103%      | M. con.  13% 25% 26% 40% 53% 54% 55% 68% 69% 69% 70% 70% 71% 84% 85% 86% 86% 87% 97% 98% 98% 100% 100% 98%       | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%  87 | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%  87 | C. cya<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>74%<br>76%<br>89%<br>89%<br>1009<br>1009<br>1009<br>1009<br>1009<br>1009<br>1009<br>10 |
| Q<br>1<br>1<br>5<br>10<br>15<br>220<br>225<br>330<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990<br>995<br>000<br>225<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>0000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>75<br>000<br>000 | Min All  0%  0%  0%  16%  35%  46%  47%  52%  61%  61%  62%  64%  64%  65%  64%  64%  63%  70%  70%  89%  79%  63%  33%               | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 70% 89% 100% 104% 102%      | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 71% 100% 104% 111% | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 79% 100% 94% 96% 97% 83% | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%  81%  81%  81%  81                                | N. ama.  0%  19%  22%  23%  44%  46%  47%  66%  68%  69%  70%  71%  91%  92%  93%  94%  95%  96%  96%  96%  96%  98%  100%  109%  172% | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 64% 64% 64% 64% 64% 64% 100% 99% 103% 98%                      | M. con.  13% 25% 26% 40% 53% 54% 55% 68% 69% 69% 70% 71% 844% 85% 86% 87% 97% 98% 100% 100% 98% 96% 145%         | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%  87 | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%  87 | C. cys<br>13%<br>28%<br>36%<br>55%<br>57%<br>59%<br>60%<br>74%<br>75%<br>76%<br>89%<br>90%<br>1009<br>1009<br>1009<br>1009<br>1009<br>1009<br>100 |
| Q<br>1<br>1<br>5<br>10<br>15<br>220<br>225<br>330<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990<br>995<br>000<br>225<br>75<br>000<br>75<br>000<br>000<br>000<br>000<br>000<br>000<br>000  | Min All  0%  0%  0%  0%  16%  35%  46%  47%  52%  61%  61%  62%  64%  64%  64%  64%  64%  63%  70%  70%  70%  89%  79%  63%  33%  39% | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 70% 89% 100% 104% 102% 105% | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 71% 113%           | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 96% 99% 83% 77%          | N. bra.  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%  82%  86%  90%  90%  91%  95%  100%  113%  109%  102% | N. ama.  0%  19%  22%  23%  44%  46%  47%  66%  68%  69%  70%  71%  92%  93%  94%  95%  96%  96%  98%  90%  100%  109%  172%  159%     | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 64% 65% 65% 64% 64% 61% 100%                                   | M. con.  13% 25% 26% 40% 53% 54% 68% 69% 69% 70% 70% 70% 70% 84% 85% 86% 87% 97% 98% 100% 100% 98% 96% 145% 147% | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%  87 | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%  87 | C. cya 13% 28% 36% 55% 57% 59% 60% 73% 74% 75% 766% 89% 89% 1009 1009 1009 1009 1009 1009 1009 10   |
| Q<br>1<br>5<br>10<br>15<br>220<br>225<br>330<br>335<br>440<br>445<br>550<br>665<br>770<br>775<br>880<br>885<br>990<br>995<br>.000<br>.225  | Min All  0%  0%  0%  16%  35%  46%  47%  52%  61%  61%  62%  64%  64%  65%  64%  64%  63%  70%  70%  89%  79%  63%  33%               | E. gra.  10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 70% 89% 100% 104% 102%      | 10% 26% 35% 41% 50% 51% 52% 61% 61% 62% 69% 70% 71% 71% 71% 71% 71% 71% 71% 100% 104% 111% | 21% 38% 38% 54% 55% 63% 64% 70% 70% 74% 74% 74% 74% 74% 74% 79% 100% 94% 96% 97% 83% | N. bra.  0%  0%  0%  16%  36%  54%  60%  62%  69%  71%  73%  74%  75%  80%  81%  81%  81%  81%  81%  81%  81                                | N. ama.  0%  19%  22%  23%  44%  46%  47%  66%  68%  69%  70%  71%  91%  92%  93%  94%  95%  96%  96%  96%  96%  98%  100%  109%  172% | A. mex.  13% 29% 31% 45% 47% 58% 60% 62% 63% 63% 64% 64% 64% 64% 64% 64% 64% 64% 100% 99% 103% 98%                      | M. con.  13% 25% 26% 40% 53% 54% 55% 68% 69% 69% 70% 71% 844% 85% 86% 87% 97% 98% 100% 100% 98% 96% 145%         | L. meg.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%  87 | M. sal.  0%  17%  32%  34%  35%  51%  65%  67%  69%  70%  71%  85%  86%  86%  87%  87%  87%  87%  87%  87 | 99%  C. cya 13% 28% 36% 55% 57% 59% 60% 73% 74% 76% 89% 89% 1009 1009 1009 1009 1009 1009 1007 1009 1007 1009 1009                                |

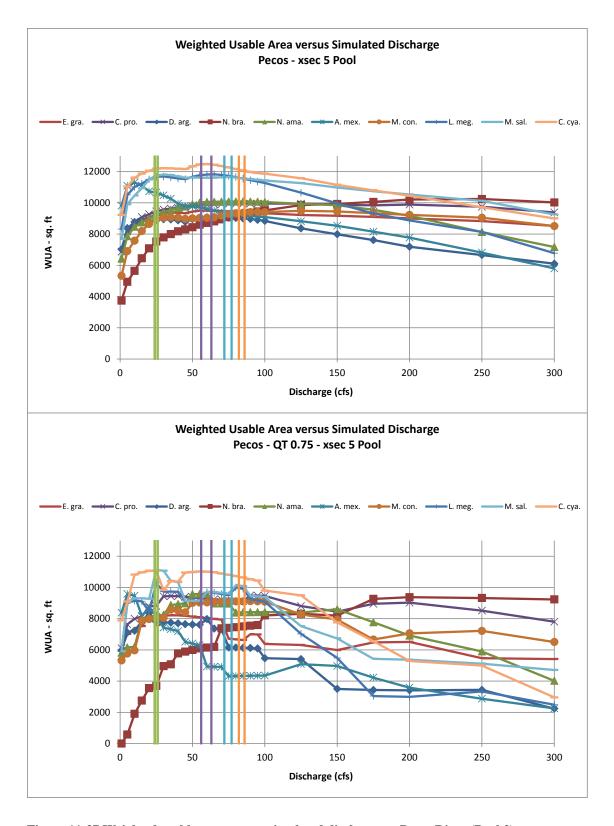


Figure 11-37 Weighted usable area versus simulated discharge at Pecos River (Pool 3).

Table 11-37 Percent of maximum WUA versus simulated discharge at Pecos River (Pool 3).

| Pecos<br>Q  | Min All   | E. gra.  | C. pro.   | D. arg.  | N. bra.  | N. ama.  | A. mex.   | M. con.  | L. meg.   | M. sal.   | C. cya.   |
|---|---|--|---|--|--|--|---|--|---|---|---|
| 1   | 37%   | 72%  | 69%   | 77%  | 37%  | 64%  | 87%   | 56%  | 70%   | 65%   | 74%   |
| 5   | 49%   | 85%  | 82%   | 92%  | 49%  | 78%  | 98%   | 73%  | 89%   | 84%   | 88%   |
| 10  | 56%   | 91%  | 88%   | 97%  | 56%  | 84%  | 100%  | 80%  | 93%   | 89%   | 93%   |
| 15  | 64%   | 94%  | 91%   | 98%  | 64%  | 87%  | 98%   | 86%  | 95%   | 93%   | 95%   |
| 20  | 70%   | 96%  | 93%   | 97%  | 70%  | 89%  | 95%   | 91%  | 97%   | 97%   | 97%   |
| 25  | 75%   | 97%  | 95%   | 98%  | 75%  | 92%  | 94%   | 94%  | 99%   | 100%  | 98%   |
|   |   |  |   |  |  |  |   |  |   |   |   |
| 30  | 77%   | 98%  | 96%   | 99%  | 77%  | 93%  | 93%   | 95%  | 99%   | 100%  | 98%   |
| 35<br>40  | 79%<br>81%  | 99%  | 97%<br>97%  | 98%<br>98%   | 79%  | 95%<br>96%   | 91%<br>88%  | 96%  | 98%<br>98%  | 100%<br>99%   | 98%   |
| 45  | 82%   | 99%<br>98%   | 97%   | 97%  | 81%<br>82%   | 97%  | 87%   | 95%<br>95%   | 97%   | 98%   | 98%<br>97%  |
| 50  | 84%   | 99%  | 98%   | 99%  | 84%  | 98%  | 87%   | 95%  | 99%   | 98%   | 99%   |
| 55  |   |  |   |  |  |  |   |  |   |   |   |
|   | 85%   | 100%   | 99%   | 100%   | 85%<br>87%   | 99%  | 86%   | 95%  | 100%  | 98%   | 100%  |
| 60  | 85%   | 100%   | 99%   | 100%   | 87%  | 100%   | 85%   | 95%  | 100%  | 98%   | 100%  |
| 65  | 84%   | 100%   | 99%   | 100%   | 88%  | 100%   | 84%   | 96%  | 100%  | 98%   | 100%  |
| 70  | 83%   | 100%   | 100%  | 100%   | 89%  | 100%   | 83%   | 97%  | 100%  | 99%   | 99%   |
| 75  | 82%   | 100%   | 100%  | 100%   | 90%  | 100%   | 82%   | 98%  | 99%   | 99%   | 98%   |
| 80  | 82%   | 99%  | 100%  | 100%   | 91%  | 100%   | 82%   | 98%  | 99%   | 98%   | 97%   |
| 85  | 82%   | 99%  | 100%  | 99%  | 92%  | 100%   | 82%   | 99%  | 98%   | 98%   | 97%   |
| 90  | 81%   | 99%  | 100%  | 99%  | 93%  | 100%   | 81%   | 99%  | 97%   | 98%   | 96%   |
| 95  | 81%   | 99%  | 100%  | 98%  | 94%  | 100%   | 81%   | 99%  | 96%   | 97%   | 95%   |
| 100   | 80%   | 98%  | 100%  | 97%  | 95%  | 100%   | 80%   | 99%  | 95%   | 97%   | 95%   |
| 125   | 78%   | 97%  | 100%  | 92%  | 98%  | 99%  | 78%   | 100%   | 90%   | 95%   | 93%   |
| 150   | 75%   | 97%  | 99%   | 88%  | 99%  | 98%  | 75%   | 100%   | 84%   | 93%   | 89%   |
| 175   | 72%   | 96%  | 99%   | 84%  | 100%   | 95%  | 72%   | 98%  | 79%   | 91%   | 87%   |
| 200   | 69%   | 95%  | 99%   | 79%  | 102%   | 91%  | 69%   | 97%  | 75%   | 89%   | 84%   |
| 250   | 60%   | 93%  | 98%   | 73%  | 102%   | 81%  | 60%   | 95%  | 69%   | 86%   | 78%   |
| 300   | 51%   | 90%  | 94%   | 67%  | 100%   | 71%  | 51%   | 90%  | 57%   | 78%   | 72%   |
|   | 470/  | 86%  | 90%   | 62%  | 95%  | 67%  | 48%   | 81%  | 47%   | 70%   | 64%   |
| 350   | 47%   |  |   |  |  |  |   |  |   |   |   |
| 400   | 35%   | 80%  | 85%   | 55%  | 88%  | 63%  | 43%   | 73%  | 35%   | 61%   | 60%   |
|   |   |  | 85%<br>74%  | 55%<br>50%   | 88%<br>75%   | 63%<br>46%   | 43%<br>35%  | 73%<br>62%   | 35%<br>24%  | 61%<br>45%  | 60%<br>51%  |
| 400<br>500  | 35%<br>24%  | 80%<br>70%   |   |  |  |  |   |  |   |   |   |
| 400<br>500<br>Pecos   | 35%<br>24%<br>- QT 0.75 - xse   | 80%<br>70%<br>c 5 Pool   | 74%   | 50%  | 75%  | 46%  | 35%   | 62%  | 24%   | 45%   | 51%   |
| 400<br>500<br>Pecos<br>Q  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All  | 80%<br>70%<br>c 5 Pool<br>E. gra.  | 74%<br>C. pro.  | 50%<br>D. arg.   | 75%<br>N. bra.   | 46%<br>N. ama.   | 35%<br>A. mex.  | 62%<br>M. con.   | 24%<br>L. meg.  | 45%<br>M. sal.  | 51%<br>C. cya.  |
| 400<br>500<br>Pecos<br>Q<br>1   | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%  | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%   | 74%<br>C. pro.<br>64%   | 50%  D. arg.  72%  | 75%<br>N. bra.<br>0%   | N. ama.  | 35%<br>A. mex.<br>87%   | 62%<br>M. con.<br>58%  | 24%<br>L. meg.<br>57%   | 45%<br>M. sal.<br>53%   | 51%<br>C. cya.<br>71%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%<br>6%  | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%  | 74%<br>C. pro.<br>64%<br>81%  | 50%  D. arg.  72%  85%   | 75%<br>N. bra.<br>0%<br>6%   | 46%<br>N. ama.<br>61%<br>64%   | 35%  A. mex.  87%  100%   | 62%<br>M. con.<br>58%<br>63%   | 24% L. meg. 57% 88%   | M. sal. 53% 82%   | 51%<br>C. cya.<br>71%<br>82%  |
| 400<br>500<br>Pecos<br>Q<br>1<br>5  | 35%<br>24%<br>- QT0.75 - xse<br>Min All<br>0%<br>6%<br>21%  | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%   | 74%<br>C. pro.<br>64%<br>81%<br>84%   | D. arg. 72% 85% 86%  | N. bra.<br>0%<br>6%<br>21%   | N. ama.<br>61%<br>64%<br>65%   | 35%  A. mex.  87%  100%  99%  | M. con.<br>58%<br>63%<br>65%   | 24%  L. meg.  57%  88%  89%   | M. sal. 53% 82% 84%   | 51%<br>C. cya.<br>71%<br>82%<br>98%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%  | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%  | 74%  C. pro. 64% 81% 84% 86%  | 50%  D. arg.  72%  85%  86%  94%   | 75%  N. bra.  0%  6%  21%  30%   | N. ama. 61% 64% 65% 83%  | 35%  A. mex.  87%  100%  99%  85%   | M. con. 58% 63% 65% 86%  | 24%  L. meg. 57% 88% 89% 89%  | M. sal. 53% 82% 84% 84%   | C. cya. 71% 82% 98% 99%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%   | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%   | 74%  C. pro. 64% 81% 84% 86% 93%  | D. arg. 72% 85% 86% 94% 100%   | 75%  N. bra.  0% 6% 21% 30% 38%  | N. ama. 61% 64% 65% 83% 85%  | 35%  A. mex.  87% 100% 99% 85% 91%  | M. con. 58% 63% 65% 86% 87%  | 24%  L. meg. 57% 88% 89% 89% 82%  | M. sal. 53% 82% 84% 84% 83%   | C. cya. 71% 82% 98% 99% 100%  |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%  | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%   | C. pro. 64% 81% 84% 86% 93%   | D. arg. 72% 85% 86% 94% 100% 93%   | N. bra.<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%  | N. ama. 61% 64% 65% 83% 85%  | 35%  A. mex.  87%  100%  99%  85%  91%  85%   | M. con. 58% 63% 65% 86% 87% 88%  | L. meg.<br>57%<br>88%<br>89%<br>89%<br>82%<br>100%  | M. sal. 53% 82% 84% 84% 83% 100%  | C. cya. 71% 82% 98% 99% 100%  |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30  | 35%<br>24%<br>QT0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%  | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>92%<br>100%  | 74%  C. pro. 64% 81% 84% 86% 93% 93%  | D. arg. 72% 85% 86% 94% 100% 93%   | N. bra.<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%   | N. ama. 61% 64% 65% 83% 85% 86%  | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77%  | 62%  M. con. 58% 63% 65% 86% 87% 88%   | 24%  L. meg. 57% 88% 89% 89% 8100% 95%  | 45% M. sal. 53% 82% 84% 84% 100%  | C. cya. 71% 82% 98% 99% 100% 100%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%<br>55%  | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>92%<br>100%<br>100%  | 74%  C. pro. 64% 81% 84% 86% 93% 93% 100%   | D. arg. 72% 85% 86% 94% 100% 93% 93%   | 75%  N. bra.  0%  6%  21%  30%  38%  40%  54%  55%   | N. ama. 61% 64% 65% 83% 85% 86% 93%  | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76%  | 62%  M. con. 58% 63% 65% 86% 87% 88% 94%   | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  95%   | 45%  M. sal.  53% 82% 84% 84% 8100% 100% 94%  | 51%  C. cya.  71%  82%  98%  99%  100%  100%  89%  94%  |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%<br>55%<br>62%                                   | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>92%<br>100%<br>100%  | 74%  C. pro. 64% 81% 84% 86% 93% 93% 100%   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 92%   | 75%  N. bra.  0% 6% 21% 30% 38% 40% 54% 55% 62%  | N. ama. 61% 64% 65% 83% 85% 86% 93% 93%  | 35%  A. mex.  87%  100%  99%  85%  91%  85%  77%  76%  75%  | 62%  M. con. 58% 63% 65% 86% 87% 88% 94% 93%   | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  94%   | 45%  M. sal.  53% 82% 84% 84% 8100% 100% 94% 93%  | 51%  C. cya.  71%  82%  98%  99%  100%  100%  89%  94%  94%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%<br>55%<br>62%<br>64%                            | 80%<br>70%<br>C 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>92%<br>100%<br>100%<br>100%  | 74%  C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 99%  | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91%   | 75%  N. bra.  0%  6%  21%  30%  38%  40%  54%  55%  62%  64%   | N. ama. 61% 64% 65% 83% 85% 86% 93% 94%  | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68%  | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92%  | 24%  L. meg.  57%  88%  89%  89%  100%  95%  94%  89%   | 45%  M. sal.  53% 82% 84% 84% 84% 100% 100% 94% 93% 82%   | 51%  C. cya.  71%  82%  98%  99%  100%  100%  89%  94%  94%  99%  |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50  | 35%<br>24%<br>- QT 0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>55%<br>62%<br>64%<br>65%                            | 80%<br>70%<br>C 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>100%<br>100%<br>100%<br>100%   | 74%  C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 99% 99%  | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91%   | 75%  N. bra.  0% 6% 21% 30% 38% 40% 54% 65%  | N. ama. 61% 64% 65% 83% 85% 86% 893% 93% 94% 100%  | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67%  | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99%                                    | 24%  L. meg. 57% 88% 89% 89% 82% 100% 95% 94% 89% 89%   | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82%   | 51%  C. cya.  71%  82%  98%  99%  100%  100%  89%  94%  94%  99%  99%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55  | 35%<br>24%<br>- QT 0.75 - xsee<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%<br>62%<br>64%<br>65%                           | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>100%<br>100%<br>100%<br>100%<br>99%                                    | C. pro. 64% 81% 84% 84% 93% 93% 100% 100% 99% 99%   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91%   | 75%  N. bra.  0%  6%  21%  30%  38%  40%  54%  65%  66%  | 46%  N. ama. 61% 64% 65% 83% 85% 86% 93% 94% 100% 100%   | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67%  | 62%  M. con.  58% 63% 65% 86% 87% 88% 99% 99%  | 24%  L. meg. 57% 88% 89% 89% 82% 100% 95% 94% 89% 89% 89%   | M. sal. 53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82%   | C. cya. 71% 82% 98% 99% 100% 89% 94% 94% 99% 100%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60  | 35%<br>24%<br>- QT 0.75 - xsee<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%<br>55%<br>62%<br>64%<br>65%                    | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>92%<br>100%<br>100%<br>100%<br>99%<br>98%                                     | C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 99% 98% 98%   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91%   | 75%  N. bra.  0%  6%  21%  30%  38%  40%  54%  55%  62%  64%  65%  66%   | N. ama. 61% 64% 65% 83% 85% 86% 93% 94% 100% 100%  | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67%  | M. con. 58% 63% 65% 86% 87% 88% 94% 93% 92% 99%  | L. meg.<br>57%<br>88%<br>89%<br>89%<br>82%<br>100%<br>95%<br>94%<br>89%<br>89%<br>89%   | M. sal. 53% 82% 84% 84% 84% 100% 100% 94% 93% 82% 82% 87%   | C. cya. 71% 82% 98% 99% 100% 89% 94% 94% 99% 100% 99%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>60<br>65  | 35%<br>24%<br>QT 0.75 - xse<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%<br>62%<br>64%<br>65%<br>66%<br>52%<br>51%         | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>100%<br>100%<br>100%<br>100%<br>99%<br>98%<br>98%<br>97%               | C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 99% 99% 98% 98% 97%   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88%                                     | 75%  N. bra.  0%  6%  21%  30%  38%  40%  55%  62%  64%  65%  66%  66%  67%                                    | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 100% 94%   | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51%  | M. con. 58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 99%                                      | L. meg. 57% 88% 89% 89% 100% 95% 94% 89% 89% 89%  | M. sal. 53% 82% 84% 84% 84% 100% 100% 94% 93% 82% 82% 87% 87%   | C. cya. 71% 82% 98% 99% 100% 89% 94% 94% 99% 99% 100% 99%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>55<br>60<br>65<br>70  | 35%<br>24%<br>QT 0.75 - xsee<br>Min All<br>0%<br>6%<br>21%<br>30%<br>38%<br>40%<br>54%<br>55%<br>62%<br>66%<br>65%<br>66%<br>52%<br>51% | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>100%<br>100%<br>100%<br>100%<br>100%<br>100%<br>99%<br>98%<br>99%      | C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 99% 99% 98% 98% 97%   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 92% 91% 91% 95% 88%                                     | N. bra.  0% 6% 21% 30% 38% 40% 55% 62% 66% 66% 66% 67% 80%   | N. ama. 61% 64% 65% 83% 85% 86% 93% 94% 100% 100% 94%  | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51%  | M. con. 58% 63% 65% 86% 87% 88% 94% 93% 99% 99% 99% 100%                                 | L. meg. 57% 88% 89% 89% 100% 95% 94% 89% 89% 89% 89% 89% 94% 94% 93%  | M. sal. 53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87%   | C. cya. 71% 82% 98% 99% 100% 89% 94% 94% 99% 99% 100% 99% 99%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>45<br>50<br>65<br>70<br>75  | 35% 24%  -QT0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 52% 51% 45%   | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>100%<br>100%<br>100%<br>100%<br>99%<br>98%<br>98%<br>97%<br>98%        | 74%  C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 109% 99% 99% 98% 97% 97%   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88% 88%                                 | 75%  N. bra.  0%  6%  21%  30%  38%  40%  54%  55%  62%  64%  65%  66%  66%  80%  80%                          | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 94% 94%  | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45%                                    | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 99% 100% 100%                      | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  94%  89%  89%  89%  89%  94%  94%  93%  92%   | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87% 87% 86%   | 51%  C. cya.  71%  82%  98%  99%  100%  100%  89%  94%  94%  99%  99%  99%  99%  98%  98                                |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80  | 35% 24%  - QT 0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 52% 51% 51% 45% 45%   | 80% 70%  c 5 Pool E. gra. 74% 86% 90% 92% 99% 100% 100% 100% 100% 99% 98% 98% 97% 82% 81%  | 74%  C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 109% 99% 99% 98% 98% 97% 97% 96%                                   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88% 88% 74%                             | N. bra.  0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 66% 80% 80%   | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 94% 94% 94% 88%                                    | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45%                                    | 62%  M. con. 58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100%                      | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  94%  89%  89%  89%  94%  94%  93%  92%  97%   | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 87% 87% 87% 86% 91%   | 51%  C. cya.  71%  82%  98%  99%  100%  89%  94%  94%  99%  100%  99%  99%  99%  99%  97%                               |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85  | 35% 24%  - QT 0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 52% 51% 45% 45%   | 80%<br>70%<br>c 5 Pool<br>E. gra.<br>74%<br>86%<br>90%<br>92%<br>99%<br>100%<br>100%<br>100%<br>100%<br>99%<br>98%<br>98%<br>98%<br>98%<br>81% | 74%  C. pro. 64% 81% 844% 86% 93% 93% 100% 100% 99% 99% 98% 98% 98% 97% 97% 96%                                   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 92% 91% 91% 95% 88% 88% 74% 74%                         | 75%  N. bra.  0%  6%  21%  30%  38%  40%  54%  55%  62%  64%  65%  66%  66%  80%  80%  81%                     | N. ama. 61% 64% 65% 83% 85% 86% 93% 94% 100% 100% 100% 94% 94% 88%                                       | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 51% 45% 45%  | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100%                     | 24%  L. meg.  57%  88%  89%  89%  89%  95%  94%  89%  89%  94%  94%  94%  93%  92%  97%   | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 82% 87% 87% 87% 86% 91%                                     | 51%  C. cya.  71% 82% 98% 99% 100%  100%  89% 94% 94% 99% 99% 99% 99% 99% 99% 99% 9                                     |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90  | 35% 24%  - QT 0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 52% 51% 51% 45% 45% 45%                                     | 80% 70%  c 5 Pool E. gra. 74% 86% 90% 92% 99% 100% 100% 100% 100% 99% 98% 98% 98% 97% 97% 81% 81% 85%  | 74%  C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 99% 99% 98% 98% 97% 97% 96% 100%                                   | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 71% 97% 88% 88% 74% 73%                     | 75%  N. bra.  0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 66% 80% 80% 81% 81%                                    | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 100% 94% 94% 88%                                   | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45%                            | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100%                | 24%  L. meg.  57%  88%  89%  89%  95%  94%  94%  94%  94%  93%  92%  97%  96%  90%  | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87% 87% 87% 86% 91% 91% 85%                             | 51%  C. cya.  71% 82% 98% 99% 100% 100% 89% 94% 94% 99% 99% 99% 99% 99% 99% 99% 9                                       |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95  | 35% 24%  - QT 0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 52% 51% 45% 45% 45% 45%                                     | 80% 70%  C 5 Pool E. gra. 74% 86% 90% 92% 99% 100% 100% 100% 100% 99% 98% 98% 98% 98% 81% 81% 85%  | 74%  C. pro. 64% 81% 84% 86% 93% 93% 100% 100% 99% 99% 98% 98% 97% 97% 96% 100% 100%                              | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 71% 97% 88% 88% 74% 73% 73%                 | 75%  N. bra.  0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 80% 80% 80% 81% 81% 82%                                    | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 94% 94% 88% 88%                                    | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 51% 45% 45% 45% 45%                                | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100%                | 24%  L. meg.  57%  88%  89%  89%  89%  95%  94%  89%  89%  89%  94%  94%  94%  94   | 45%  M. sal.  53% 82% 84% 84% 84% 93% 100% 94% 93% 82% 82% 82% 81% 87% 87% 86% 91% 91% 85%                              | 51%  C. cya.  71%  82%  98%  99%  100%  89%  94%  94%  99%  99%  100%  98%  99%  99%  98%  98%  98%  98%                |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100   | 35% 24%  - QT 0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 54% 65% 66% 52% 51% 51% 45% 45% 45% 45% 45%                                     | 80% 70%  C 5 Pool E. gra. 74% 86% 90% 92% 99% 100% 100% 100% 100% 99% 98% 98% 98% 98% 98% 97% 82% 81% 81% 85% 78%                              | 74%  C. pro. 64% 81% 84% 86% 93% 93% 99% 100% 100% 99% 99% 98% 98% 97% 97% 97% 96% 100% 100%                      | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88% 74% 73% 73% 65%                     | 75%  N. bra.  0% 6% 21% 30% 38% 40% 54% 65% 66% 66% 67% 80% 80% 80% 81% 81% 82% 89%                            | N. ama. 61% 64% 65% 83% 85% 86% 93% 94% 100% 100% 100% 94% 94% 88% 88% 88%                               | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45%                        | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100% 100%           | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  94%  89%  89%  94%  94%  94%  94%  94   | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87% 87% 87% 86% 91% 91% 85%                             | 51%  C. cya.  71% 82% 98% 99% 100% 100% 89% 94% 94% 99% 99% 99% 99% 99% 99% 99% 9                                       |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125  | 35% 24%  - QT 0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 54% 65% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45%                             | 80% 70%  C 5 Pool E. gra. 74% 86% 90% 92% 99% 100% 100% 100% 100% 99% 98% 98% 98% 98% 81% 81% 85%  | C. pro. 64% 81% 84% 84% 86% 93% 93% 100% 100% 99% 99% 98% 98% 97% 97% 97% 100% 100% 100% 100% 100%                | D. arg. 72% 85% 86% 94% 100% 93% 93% 91% 91% 91% 91% 73% 73% 65% 65%                             | 75%  N. bra.  0% 6% 21% 30% 38% 40% 54% 65% 66% 66% 67% 80% 80% 80% 81% 81% 82% 89% 90%                        | N. ama. 61% 64% 65% 83% 85% 86% 88% 93% 94% 100% 100% 40% 94% 94% 94% 88% 88% 88% 88%                    | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45% 45% 45%                | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100% 100% 100%      | 24%  L. meg. 57% 88% 89% 89% 82% 100% 95% 94% 89% 89% 89% 89% 94% 94% 93% 92% 97% 96% 90% 88% 68%   | 45%  M. sal.  53% 82% 84% 84% 84% 93% 100% 94% 93% 82% 82% 82% 81% 87% 87% 86% 91% 91% 85%                              | 51%  C. cya.  71%  82%  98%  99%  100%  89%  94%  94%  99%  99%  100%  98%  99%  99%  98%  98%  98%  98%                |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>15<br>100<br>15<br>100<br>15<br>100<br>100   | 35% 24%  -QT0.75 - xsee Min All  0% 6% 21% 30% 38% 40% 55% 62% 65% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45                   | 80% 70%  C 5 Pool E. gra. 74% 86% 90% 92% 99% 100% 100% 100% 100% 99% 98% 98% 98% 98% 98% 97% 82% 81% 81% 85% 78%                              | C. pro. 64% 81% 84% 84% 86% 93% 93% 99% 100% 100% 99% 98% 98% 97% 97% 96% 100% 100% 100% 93% 89%                  | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88% 74% 74% 73% 65% 65%                 | 75%  N. bra.  0% 6% 21% 30% 38% 40% 54% 65% 66% 66% 67% 80% 80% 80% 81% 81% 82% 89%                            | N. ama. 61% 64% 65% 83% 85% 86% 86% 93% 94% 100% 100% 100% 94% 94% 88% 88% 88%                           | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45%                        | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100% 100%           | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  94%  89%  89%  94%  94%  94%  94%  94   | 45%  M. sal.  53% 82% 84% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87% 87% 87% 86% 91% 91% 85% 85% 84%                 | C. cya. 71% 82% 98% 99% 100% 89% 94% 94% 99% 98% 98% 98% 98% 98% 98% 96% 70%  |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125  | 35% 24%  - QT 0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 54% 65% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45%                             | 80% 70%  C 5 Pool E. gra. 74% 86% 90% 92% 99% 100% 100% 100% 100% 107% 88% 98% 97% 81% 81% 85% 78% 77%   | C. pro. 64% 81% 84% 84% 86% 93% 93% 100% 100% 99% 98% 98% 98% 97% 97% 96% 100% 100% 100% 93%                      | D. arg. 72% 85% 86% 94% 100% 93% 93% 91% 91% 91% 91% 73% 73% 65% 65%                             | 75%  N. bra.  0% 6% 21% 30% 38% 40% 54% 65% 66% 66% 67% 80% 80% 80% 81% 81% 82% 89% 90%                        | N. ama. 61% 64% 65% 83% 85% 86% 88% 93% 94% 100% 100% 40% 94% 94% 94% 88% 88% 88% 88%                    | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45% 45% 45%                | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100% 100% 100%      | 24%  L. meg. 57% 88% 89% 89% 82% 100% 95% 94% 89% 89% 89% 89% 94% 94% 93% 92% 97% 96% 90% 88% 68%   | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87% 86% 91% 91% 85% 84% 68%                             | 51%  C. cya.  71%  82%  98%  99%  100%  89%  94%  94%  99%  99%  100%  99%  98%  98%  98%  98%  98%  96%  98%  98       |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>115<br>100<br>100<br>100<br>100<br>100<br>10   | 35% 24%  -QT0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45                | 80% 70%  c 5 Pool E. gra.  74% 86% 90% 92% 99% 100% 100% 100% 100% 199% 98% 98% 97% 81% 81% 85% 85% 78% 77%                                    | 74%  C. pro. 64% 81% 844% 86% 93% 93% 99% 100% 100% 99% 98% 98% 98% 100% 100% 100% 100% 100% 100% 100% 10         | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88% 74% 73% 73% 65% 65% 42% 41% 41%     | 75%  N. bra.  0%  6%  21%  30%  38%  40%  54%  65%  66%  66%  66%  80%  80%  80%  81%  81%  82%  89%  90%  88% | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 94% 94% 94% 88% 88% 88% 88% 88% 88% 88%            | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 53% 52%    | M. con.  58% 63% 65% 86% 87% 88% 98% 99% 99% 100% 100% 100% 100% 100% 100%               | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  94%  89%  89%  89%  94%  94%  93%  92%  97%  96%  90%  88%  88%  68%  53%  30%  29%               | M. sal. 53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87% 87% 87% 86% 91% 91% 85% 85% 84% 68% 61%                   | 51%  C. cya.  71% 82% 98% 99% 100%  100%  89% 94% 94% 99% 99% 99% 99% 99% 98% 98% 97% 96% 95% 94% 89% 86% 70% 59% 48%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>15<br>100<br>15<br>100<br>15<br>100<br>100   | 35% 24%  -QT0.75 - xsee Min All  0% 6% 21% 30% 38% 40% 55% 62% 66% 65% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45               | 80% 70%  c 5 Pool E. gra.  74% 86% 90% 92% 99% 92% 100% 100% 100% 100% 99% 98% 97% 82% 81% 81% 85% 85% 77% 73%                                 | 74%  C. pro. 64% 81% 84% 86% 93% 93% 99% 100% 100% 99% 99% 98% 97% 97% 96% 100% 100% 100% 100% 93% 89%            | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 74% 73% 73% 65% 65% 42% 41%                 | 75%  N. bra.  0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 66% 80% 80% 80% 81% 81% 82% 89% 90% 88% 100% 101%      | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 94% 94% 88% 88% 88% 88% 88% 88%                    | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 44%        | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100% 100% 100% 100% | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  94%  89%  89%  89%  94%  94%  93%  92%  97%  96%  90%  89%  89%  89%  89%  89%  89%  90%  89%  89 | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87% 86% 91% 91% 85% 85% 84% 66% 49%                     | 51%  C. cya.  71% 82% 98% 99% 100%  100%  89% 94% 94% 99% 99% 98% 99% 99% 98% 98% 97% 96% 95% 94% 89% 86% 70% 59%       |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>115<br>100<br>115<br>100<br>115<br>100<br>100  | 35% 24%  -QT0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45                | 80% 70%  c 5 Pool E. gra.  74% 86% 90% 92% 99% 100% 100% 100% 100% 99% 98% 98% 97% 81% 81% 85% 85% 77% 73% 79%                                 | 74%  C. pro. 64% 81% 844% 86% 93% 93% 99% 100% 100% 99% 98% 98% 98% 100% 100% 100% 100% 100% 100% 100% 10         | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88% 74% 73% 73% 65% 65% 42% 41% 41%     | N. bra.  0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 66% 80% 80% 80% 81% 81% 82% 89% 90% 88% 100% 101%           | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 94% 94% 94% 88% 88% 88% 88% 88% 88% 88%            | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45 | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100% 100% 100% 100% | 24%  L. meg.  57%  88%  89%  89%  82%  100%  95%  94%  89%  89%  89%  94%  94%  93%  92%  97%  96%  90%  88%  88%  68%  53%  30%  29%               | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 87% 87% 86% 91% 91% 85% 84% 66% 49% 48%                         | 51%  C. cya.  71% 82% 98% 99% 100%  100%  89% 94% 94% 99% 99% 99% 99% 99% 98% 98% 97% 96% 95% 94% 89% 86% 70% 59% 48%   |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>100<br>15<br>200<br>25<br>25<br>200<br>25<br>200<br>25<br>200<br>25<br>200<br>200                       | 35% 24%  -QT0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 54% 65% 66% 52% 64% 65% 45% 45% 45% 45% 45% 45% 45% 45% 45% 4                     | 80% 70%  c 5 Pool E. gra. 74% 86% 90% 92% 99% 92% 100% 100% 100% 100% 98% 98% 98% 97% 81% 81% 85% 85% 77% 73% 79% 79% 67%                      | 74%  C. pro. 64% 81% 844% 86% 93% 93% 99% 100% 100% 99% 98% 98% 97% 97% 96% 100% 100% 100% 100% 100% 100% 100% 10 | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88% 88% 74% 73% 73% 65% 65% 42% 41% 41% | 75%  N. bra.  0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 66% 80% 80% 80% 81% 81% 82% 89% 90% 88% 100% 101%      | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 100% 94% 94% 88% 88% 88% 88% 88% 88% 88% 88% 88% 8 | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45 | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100% 100% 100% 100% | 24%  L. meg.  57%  88%  89%  89%  89%  95%  94%  94%  94%  94%  94%  93%  92%  97%  68%  68%  53%  30%  29%  32%                                    | 45%  M. sal.  53% 82% 84% 84% 83% 100% 100% 94% 93% 82% 82% 87% 87% 87% 86% 91% 91% 85% 86% 61% 49% 48% 46%             | 51%  C. cya.  71% 82% 98% 99% 100% 100% 89% 94% 94% 99% 99% 99% 98% 98% 97% 96% 95% 94% 89% 86% 70% 59% 48% 45%         |
| 400<br>500<br>Pecos<br>Q<br>1<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>65<br>70<br>75<br>80<br>85<br>90<br>95<br>100<br>125<br>200<br>25<br>300<br>35<br>400<br>45<br>200<br>25<br>300<br>300<br>300<br>300<br>300<br>300<br>300<br>30 | 35% 24%  - QT 0.75 - xsee Min All 0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45              | 80% 70%  c 5 Pool E. gra. 74% 86% 90% 92% 99% 92% 100% 100% 100% 100% 100% 100% 100% 10  | 74%  C. pro. 64% 81% 844% 86% 93% 93% 99% 100% 100% 99% 98% 98% 97% 97% 96% 100% 100% 100% 100% 100% 100% 100% 10 | D. arg. 72% 85% 86% 94% 100% 93% 93% 93% 91% 91% 91% 95% 88% 88% 74% 73% 65% 65% 42% 41% 41% 27% | 75%  N. bra.  0% 6% 21% 30% 38% 40% 55% 62% 64% 65% 66% 66% 80% 81% 81% 82% 89% 90% 88% 100% 101% 101% 100%    | N. ama. 61% 64% 65% 83% 85% 86% 93% 93% 94% 100% 100% 100% 94% 94% 88% 88% 88% 88% 88% 88% 88% 88% 88% 8 | 35%  A. mex.  87% 100% 99% 85% 91% 85% 77% 76% 75% 68% 67% 66% 52% 51% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45 | 62%  M. con.  58% 63% 65% 86% 87% 88% 94% 93% 92% 99% 100% 100% 100% 100% 100% 100% 100% | 24%  L. meg.  57%  88%  89%  89%  89%  95%  94%  94%  94%  94%  94%  94%  9   | 45%  M. sal.  53% 82% 84% 84% 84% 93% 100% 100% 94% 93% 82% 82% 82% 82% 82% 87% 87% 86% 91% 91% 85% 84% 66% 44% 46% 42% | 51%  C. cya.  71% 82% 98% 99% 100% 100% 89% 94% 94% 99% 99% 98% 99% 98% 98% 97% 96% 95% 94% 89% 86% 70% 59% 48% 45% 27% |

## 12 Appendix D Spreadsheet Details

The report provides several examples of how the results from the tools developed as part of this study may be used to support the BBEST in the development of Instream Flow-Habitat relationships supporting flow regime recommendations. This report does not include, nor did it intend to include, a flow recommendation, rather the project provides a flexible and adaptable approach to predicting the instream habitat response to different base flows and displaying these responses in a format that can be useful to the BBEST in their deliberations to develop flow recommendations to maintain a sound ecological environment.

The approach is flexible in that it provides many options to evaluate alternative scenarios and display results<sup>4</sup>. It is adaptable in that it may be improved if additional data or better understanding of the habitat response of species to hydraulic habitat conditions is developed. Unfortunately a flexible and adaptable tool carries a certain level of complexity. While not a comprehensive user's manual, the following describes how the excel spreadsheet program works and provides guidance should modifications be desired as part of future studies.

The products produced as part of this project are primarily produced as Excel spreadsheets. The first set, in the Batch folder contain files with the suffix "\_PHAB", contain the complete hydraulic habitat models for each site. The PHAB spreadsheets incorporate the programming approach originally developed by the Fort Collins Instream flow group called PHABSIM (Physical HABitat model SIMulation) and subsequently updated into the MS windows platform. The spreadsheet does not include all of the options available in the PHABSIM/PHABWIN software but has the benefit of displaying results in a manner more accessible to a wider range of users. The main PHAB spreadsheets include a number of sheets. In general, the sheets "FieldData", "RatingCurve" and "Site\_xsecs" (possibly "Criteria", which contains the habitat suitability criteria for the species included in this analysis) should be viewed as places to input data to the spreadsheet. "Calibration" and "Simulation" are for developing and executing the hydrodynamic part of the program and "Habitat" applies the habitat suitability to the hydrodynamic results to calculate weighted useable area. The "Control" sheet allows user input to evaluate alternative for the hydraulic and habitat simulations, several cells in the sheet contain comments viewable when hovering the mouse over these cells. The models are executed using a Visual Basic macro tilted "Results" and there are several additional macros for producing and viewing intermediate results. Table 12-1 provides a quick reference to the sheets and macros included in this spreadsheet.

Many iterations of the basic models were performed and there are therefore many versions of the PHAB-type spreadsheets for each site. The alternative iterations were performed for a number of purposes. The first were to perform a sensitivity analysis on several components of the model calibration including the depth calibration which is sensitive to the selection of discharge to water surface elevation rating curve and the velocity calibrations which is dependent on the selection of an approach to distribute the velocities across the channel. There were also a number of runs to investigate the robustness of the habitat suitability criteria employed at each

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<sup>&</sup>lt;sup>4</sup> Cells within the spreadsheets that are outlined and highlighted yellow are intended as user inputs and in many cases include drop down menus to guild the user, however it is recommended that a backup file be saved before attempting to modify these values

location. Finally there were runs to investigate the importance of habitat quality including thresholds for habitat quality at 0.5 and 0.75 combined suitability indices.

After running the basic simulations, results were summarized in a set of spreadsheets that are used to compare results from different runs. These spreadsheets (DepthCal\_Results.xlsm, VelCal\_Results.xlsm, HSCCal\_Results.xlsm and QT\_Results.xlsm) all contain links to other spreadsheets. Since this links depend on folder structure, users should click "no" when prompted to update links.

Table 12-1 Summary of spreadsheet sheets and macros.

| Sheets       |   |
|--------------|---|
| Control      | User Inputs for simulation alternatives   |
| Site_xsecs   | Summary Information for each cross section including GIS locations, cell lengths, WSE and Q, Thalweg and Stage of zero flow elevations which are used by other sheets.  |
| FieldData    | Cross section field data. Depth, velocity and substrate for each station.   |
| Criteria     | Habitat suitability criteria for depth, velocity and substrate. This sheet was developed based on data provided by the BBEST with support of TPWD.  |
| RatingCurve  | Rating curve for converting flow to WSE. Includes placeholders for developing log-log regressions based on USGS or site specific data. WSE-Q pairs may also be imported from other sources such as PHABWIN hydraulic model which includes more sophisticated approaches such as WSP step backwater model. |
| Calibration  | Part 1 of the Hydrologic model designed to aid in processing and evaluating the field data and refining calibration parameters, primarily the velocity distribution coefficient (N) and the choice of whether to use a velocity adjustment factor.  |
| Simulation   | Part 2 of the Hydraulic model applies the calibration parameter to predict velocities and depths at all stations for the range of flows simulated.  |
| Habitat      | Applies habitat criteria to results of hydraulic model to calculate weighted usable area for range of flows modeled.  |
| WUA          | Weighted usable area results includes options for displaying HEFR flow estimates on curves and percent of maximum habitat at these flows.   |
| Results      | Weighted usable area results for all species and flows simulated.   |
| Macros       |   |
| UpdateCharts | Updates x-axis scales for charts on hydraulics and habitats sheets (does not work for velocity simulations chart on habitat sheet). (control-p)   |
| ChartsStep   | Automates visualization of cross section station charts on Habitat sheet (starting about row 72). Steps through the range of flow simulated. Currently set to display every other flow. (control-i)   |
| UpdateHAB    | Produces WUA results for one cross section for all flows and species only saves results on Habitat sheet. (control-u)   |
| Results      | Produces WUA results for all cross sections for a all species at all flows and saves them to Results sheet. (control-k)   |