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Table 6.6-5. Summary Statistics of Residence Time (Days) in the Upper Sacramento River Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|-----|------------|--------|-----|------------|-----------|------|-------------|---------|-----|------------|----------|------|-------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 0.4 | 0.7 | 0.3 (65%) | 0.6 | 1.2 | 0.6 (107%) | 0.5 | 0.7 | 0.3 (57%) | 0.5 | 1.1 | 0.7 (148%) | 0.4 | 0.8 | 0.4 (99%) |
| 25% | 0.5 | 1.1 | 0.7 (135%) | 0.6 | 1.5 | 0.8 (126%) | 0.5 | 1.0 | 0.5 (83%) | 0.8 | 1.4 | 0.7 (87%) | 0.6 | 1.1 | 0.4 (69%) |
| 50% (median) | 0.5 | 1.2 | 0.7 (124%) | 0.7 | 1.8 | 1.1 (164%) | 1.2 | 2.2 | 1.0 (89%) | 1.0 | 1.7 | 0.6 (63%) | 1.0 | 1.4 | 0.4 (45%) |
| 75% | 0.8 | 1.4 | 0.6 (76%) | 1.8 | 2.0 | 0.2 (14%) | 2.4 | 2.7 | 0.4 (15%) | 1.6 | 1.9 | 0.2 (13%) | 1.8 | 1.7 | 0.0 (-2%) |
| 95% | 2.4 | 2.7 | 0.2 (9%) | 3.2 | 3.1 | 0.0 (-1%) | 20.1 | 11.5 | -8.7 (-43%) | 2.3 | 2.3 | 0.0 (0%) | 16.2 | 10.6 | -5.5 (-34%) |

Table 6.6-6. Summary Statistics of Residence Time (Days) in the Sacramento River Near Ryde Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|-----|------------|--------|-----|------------|-----------|-----|------------|---------|-----|------------|----------|-----|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 0.3 | 0.4 | 0.1 (33%) | 0.5 | 0.9 | 0.4 (69%) | 0.5 | 0.6 | 0.1 (29%) | 0.3 | 0.6 | 0.3 (76%) | 0.4 | 0.7 | 0.3 (85%) |
| 25% | 0.5 | 0.8 | 0.4 (80%) | 0.6 | 1.1 | 0.5 (89%) | 0.5 | 0.7 | 0.2 (33%) | 0.6 | 1.2 | 0.5 (83%) | 0.5 | 0.9 | 0.4 (78%) |
| 50% (median) | 0.5 | 1.0 | 0.5 (89%) | 0.7 | 1.3 | 0.6 (89%) | 0.7 | 1.5 | 0.8 (113%) | 0.9 | 1.5 | 0.6 (65%) | 0.8 | 1.3 | 0.6 (72%) |
| 75% | 0.7 | 1.2 | 0.5 (65%) | 1.3 | 1.8 | 0.5 (40%) | 1.7 | 2.1 | 0.5 (29%) | 1.4 | 1.7 | 0.2 (16%) | 1.1 | 1.5 | 0.4 (32%) |
| 95% | 1.8 | 1.7 | -0.1 (-6%) | 2.4 | 2.7 | 0.2 (10%) | 2.5 | 2.5 | 0.0 (0%) | 2.1 | 2.3 | 0.2 (12%) | 1.9 | 1.9 | 0.0 (-1%) |

Table 6.6-7. Summary Statistics of Residence Time (Days) in the Sacramento River Ship Channel Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|------------|---------|------|------------|----------|------|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 43.3 | 43.4 | 0.1 (0%) | 43.2 | 43.1 | 0.0 (0%) | 43.2 | 43.2 | 0.0 (0%) | 42.5 | 42.5 | 0.0 (0%) | 39.8 | 39.7 | -0.1 (0%) |
| 25% | 43.4 | 43.5 | 0.0 (0%) | 43.3 | 43.4 | 0.1 (0%) | 43.3 | 43.3 | 0.0 (0%) | 43.4 | 43.3 | 0.0 (0%) | 42.3 | 42.2 | 0.0 (0%) |
| 50% (median) | 43.6 | 43.6 | 0.0 (0%) | 43.7 | 43.8 | 0.1 (0%) | 43.7 | 43.7 | 0.1 (0%) | 43.7 | 43.6 | 0.0 (0%) | 43.1 | 43.1 | 0.0 (0%) |
| 75% | 44.0 | 44.1 | 0.0 (0%) | 44.0 | 44.1 | 0.0 (0%) | 43.9 | 44.0 | 0.0 (0%) | 43.9 | 43.9 | 0.0 (0%) | 44.1 | 44.0 | 0.0 (0%) |
| 95% | 44.3 | 44.3 | 0.0 (0%) | 44.2 | 44.2 | 0.0 (0%) | 44.3 | 44.3 | 0.1 (0%) | 44.4 | 44.4 | 0.0 (0%) | 44.3 | 44.3 | 0.0 (0%) |

Table 6.6-8. Summary Statistics of Residence Time (Days) in the Cache Slough and Liberty Island Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|------------|---------|------|------------|----------|------|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 20.4 | 22.5 | 2.1 (10%) | 16.5 | 19.5 | 3.0 (18%) | 13.1 | 14.2 | 1.1 (8%) | 11.4 | 13.8 | 2.4 (21%) | 8.3 | 9.6 | 1.3 (15%) |
| 25% | 21.3 | 23.3 | 2.0 (9%) | 17.2 | 20.8 | 3.6 (21%) | 14.8 | 17.5 | 2.7 (18%) | 14.6 | 17.1 | 2.4 (17%) | 11.5 | 13.1 | 1.6 (14%) |
| 50% (median) | 22.0 | 23.8 | 1.8 (8%) | 18.3 | 21.1 | 2.8 (15%) | 16.1 | 18.7 | 2.7 (16%) | 15.9 | 18.2 | 2.2 (14%) | 13.4 | 14.5 | 1.2 (9%) |
| 75% | 22.7 | 25.1 | 2.4 (11%) | 20.6 | 22.1 | 1.5 (7%) | 18.2 | 21.1 | 2.9 (16%) | 17.6 | 18.6 | 1.0 (6%) | 14.9 | 15.6 | 0.7 (5%) |
| 95% | 25.8 | 27.0 | 1.2 (5%) | 22.3 | 23.7 | 1.4 (6%) | 22.5 | 22.3 | -0.2 (-1%) | 19.0 | 19.5 | 0.5 (3%) | 16.7 | 16.4 | -0.3 (-2%) |

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Table 6.6-9. Summary Statistics of Residence Time (Days) in the Sacramento River Near Rio Vista Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|-------------|---------|------|-------------|----------|------|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 1.4 | 2.0 | 0.7 (48%) | 5.8 | 7.4 | 1.6 (27%) | 3.2 | 1.8 | -1.4 (-43%) | 3.8 | 2.7 | -1.1 (-29%) | 3.6 | 3.9 | 0.3 (9%) |
| 25% | 6.6 | 7.7 | 1.2 (17%) | 9.2 | 9.2 | 0.0 (0%) | 5.0 | 2.7 | -2.3 (-46%) | 5.6 | 5.3 | -0.3 (-5%) | 5.0 | 5.3 | 0.3 (5%) |
| 50% (median) | 7.4 | 11.9 | 4.5 (60%) | 10.4 | 13.6 | 3.2 (31%) | 7.8 | 9.0 | 1.2 (16%) | 9.2 | 8.1 | -1.1 (-12%) | 6.2 | 6.6 | 0.5 (7%) |
| 75% | 13.7 | 14.9 | 1.1 (8%) | 14.7 | 17.0 | 2.3 (16%) | 15.5 | 14.7 | -0.8 (-5%) | 11.9 | 10.2 | -1.7 (-14%) | 8.0 | 9.9 | 1.9 (24%) |
| 95% | 17.3 | 17.1 | -0.2 (-1%) | 17.9 | 19.6 | 1.7 (10%) | 18.9 | 17.9 | -1.0 (-5%) | 15.9 | 14.7 | -1.1 (-7%) | 12.3 | 12.1 | -0.2 (-2%) |

Table 6.6-10. Summary Statistics of Residence Time (Days) in the Lower Sacramento River Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|-------------|---------|------|------------|----------|------|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 3.2 | 4.7 | 1.6 (49%) | 10.1 | 12.2 | 2.1 (21%) | 4.8 | 3.5 | -1.3 (-26%) | 6.7 | 6.7 | 0.0 (0%) | 6.1 | 6.0 | -0.1 (-2%) |
| 25% | 9.1 | 12.3 | 3.2 (35%) | 13.5 | 13.6 | 0.1 (1%) | 7.0 | 4.4 | -2.6 (-37%) | 8.8 | 8.4 | -0.4 (-5%) | 7.5 | 7.4 | -0.1 (-1%) |
| 50% (median) | 12.9 | 15.0 | 2.1 (17%) | 17.4 | 18.7 | 1.3 (8%) | 13.4 | 12.5 | -0.9 (-7%) | 13.4 | 12.9 | -0.5 (-4%) | 10.2 | 10.8 | 0.6 (6%) |
| 75% | 20.9 | 21.0 | 0.2 (1%) | 21.7 | 23.4 | 1.7 (8%) | 22.6 | 21.2 | -1.5 (-6%) | 18.4 | 16.9 | -1.5 (-8%) | 13.2 | 14.6 | 1.4 (11%) |
| 95% | 22.4 | 22.2 | -0.2 (-1%) | 23.5 | 24.4 | 0.9 (4%) | 24.3 | 23.4 | -0.9 (-4%) | 20.9 | 20.5 | -0.4 (-2%) | 18.7 | 18.4 | -0.3 (-1%) |

Table 6.6-11. Summary Statistics of Residence Time (Days) in the Lower San Joaquin River Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|-------------|---------|------|-------------|----------|------|-------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 3.1 | 4.6 | 1.4 (45%) | 12.0 | 12.7 | 0.7 (6%) | 5.5 | 3.7 | -1.8 (-32%) | 7.5 | 6.8 | -0.7 (-9%) | 7.1 | 5.2 | -2.0 (-27%) |
| 25% | 11.3 | 13.0 | 1.7 (15%) | 15.4 | 14.2 | -1.2 (-8%) | 10.4 | 4.3 | -6.1 (-58%) | 9.8 | 7.8 | -2.0 (-21%) | 9.6 | 8.1 | -1.5 (-15%) |
| 50% (median) | 14.1 | 16.0 | 2.0 (14%) | 17.8 | 18.3 | 0.5 (3%) | 14.5 | 11.9 | -2.6 (-18%) | 13.4 | 11.5 | -1.9 (-14%) | 12.2 | 10.9 | -1.3 (-11%) |
| 75% | 20.4 | 21.5 | 1.1 (5%) | 22.4 | 23.3 | 1.0 (4%) | 22.9 | 20.7 | -2.2 (-10%) | 19.9 | 16.7 | -3.2 (-16%) | 14.5 | 15.7 | 1.2 (8%) |
| 95% | 22.7 | 23.4 | 0.7 (3%) | 24.8 | 25.2 | 0.4 (2%) | 25.5 | 24.3 | -1.1 (-4%) | 22.3 | 21.0 | -1.3 (-6%) | 19.3 | 20.1 | 0.8 (4%) |

Table 6.6-12. Summary Statistics of Residence Time (Days) in the San Joaquin River at Twitchell Island Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|-------------|---------|------|-------------|----------|------|-------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 2.7 | 3.1 | 0.4 (14%) | 9.5 | 12.1 | 2.6 (27%) | 8.1 | 4.3 | -3.8 (-47%) | 8.4 | 5.3 | -3.2 (-38%) | 7.6 | 6.0 | -1.6 (-21%) |
| 25% | 10.2 | 13.5 | 3.3 (32%) | 10.8 | 13.6 | 2.8 (26%) | 10.3 | 5.9 | -4.3 (-42%) | 12.4 | 8.0 | -4.3 (-35%) | 10.6 | 9.6 | -1.0 (-9%) |
| 50% (median) | 12.0 | 16.1 | 4.1 (35%) | 12.6 | 17.0 | 4.5 (36%) | 11.6 | 13.3 | 1.6 (14%) | 14.5 | 11.8 | -2.7 (-18%) | 12.6 | 11.8 | -0.8 (-6%) |
| 75% | 13.6 | 18.1 | 4.5 (33%) | 19.4 | 20.4 | 1.1 (6%) | 19.0 | 20.0 | 1.0 (5%) | 18.2 | 16.9 | -1.4 (-8%) | 15.3 | 15.9 | 0.6 (4%) |
| 95% | 21.0 | 21.1 | 0.1 (0%) | 23.4 | 22.2 | -1.2 (-5%) | 23.0 | 22.6 | -0.4 (-2%) | 20.8 | 20.2 | -0.6 (-3%) | 18.9 | 19.7 | 0.8 (4%) |

Table 6.6-13. Summary Statistics of Residence Time (Days) in the San Joaquin River at Prisoners Point from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|-------------|-----------|------|------------|---------|------|-------------|----------|------|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 2.7 | 3.0 | 0.3 (10%) | 4.3 | 8.4 | 4.1 (95%) | 4.4 | 5.3 | 0.9 (20%) | 7.5 | 6.5 | -1.0 (-14%) | 3.9 | 6.6 | 2.7 (68%) |
| 25% | 4.9 | 9.7 | 4.7 (96%) | 5.0 | 10.5 | 5.5 (109%) | 5.4 | 7.7 | 2.3 (43%) | 9.8 | 8.3 | -1.5 (-15%) | 7.4 | 8.4 | 1.0 (14%) |
| 50% (median) | 6.0 | 10.7 | 4.7 (79%) | 6.3 | 11.0 | 4.7 (74%) | 7.4 | 11.0 | 3.7 (50%) | 10.7 | 11.0 | 0.3 (3%) | 8.6 | 10.6 | 2.0 (24%) |
| 75% | 7.3 | 12.2 | 4.9 (66%) | 12.5 | 13.3 | 0.9 (7%) | 10.9 | 15.0 | 4.1 (38%) | 14.1 | 14.8 | 0.7 (5%) | 11.1 | 12.4 | 1.3 (11%) |
| 95% | 13.6 | 14.8 | 1.2 (9%) | 18.7 | 16.2 | -2.5 (-13%) | 16.8 | 16.7 | -0.1 (-1%) | 16.5 | 17.2 | 0.7 (4%) | 14.6 | 15.0 | 0.4 (3%) |

Table 6.6-14. Summary Statistics of Residence Time (Days) in the North and South Forks Mokelumne River Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|-------------|-----------|------|-------------|---------|------|-------------|----------|------|-------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 4.9 | 8.7 | 3.8 (79%) | 3.0 | 6.7 | 3.7 (126%) | 3.9 | 5.8 | 1.9 (50%) | 6.3 | 7.5 | 1.2 (18%) | 5.6 | 5.3 | -0.2 (-4%) |
| 25% | 12.6 | 15.6 | 3.0 (24%) | 4.2 | 8.9 | 4.7 (112%) | 6.7 | 8.7 | 2.0 (30%) | 9.4 | 8.7 | -0.7 (-7%) | 7.1 | 9.7 | 2.6 (36%) |
| 50% (median) | 20.8 | 20.8 | 0.0 (0%) | 8.3 | 11.9 | 3.6 (44%) | 11.4 | 12.4 | 1.0 (9%) | 10.0 | 10.7 | 0.7 (7%) | 8.9 | 10.3 | 1.4 (16%) |
| 75% | 26.1 | 24.6 | -1.5 (-6%) | 17.2 | 17.9 | 0.7 (4%) | 17.0 | 17.7 | 0.7 (4%) | 13.6 | 14.0 | 0.4 (3%) | 11.1 | 12.5 | 1.3 (12%) |
| 95% | 34.2 | 31.5 | -2.7 (-8%) | 27.2 | 20.1 | -7.1 (-26%) | 24.7 | 22.2 | -2.5 (-10%) | 21.5 | 16.6 | -4.9 (-23%) | 16.5 | 14.2 | -2.3 (-14%) |

Table 6.6-15. Summary Statistics of Residence Time (Days) in the Disappointment Slough Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|------------|---------|------|-------------|----------|------|-------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 12.1 | 15.5 | 3.4 (29%) | 10.9 | 18.2 | 7.2 (66%) | 10.8 | 15.2 | 4.4 (40%) | 13.2 | 9.5 | -3.7 (-28%) | 14.7 | 15.1 | 0.3 (2%) |
| 25% | 17.9 | 26.7 | 8.9 (50%) | 20.8 | 20.9 | 0.1 (1%) | 16.8 | 18.4 | 1.6 (9%) | 15.8 | 17.8 | 2.0 (13%) | 18.6 | 17.9 | -0.6 (-3%) |
| 50% (median) | 25.0 | 36.9 | 11.8 (47%) | 25.7 | 29.9 | 4.2 (16%) | 20.6 | 23.0 | 2.4 (12%) | 19.6 | 22.9 | 3.3 (17%) | 24.8 | 21.0 | -3.8 (-15%) |
| 75% | 34.0 | 39.4 | 5.5 (16%) | 29.3 | 33.0 | 3.8 (13%) | 23.3 | 25.1 | 1.8 (8%) | 23.7 | 28.7 | 5.0 (21%) | 29.0 | 29.6 | 0.7 (2%) |
| 95% | 38.2 | 41.9 | 3.7 (10%) | 34.2 | 35.6 | 1.4 (4%) | 27.5 | 29.3 | 1.8 (7%) | 27.5 | 30.8 | 3.3 (12%) | 34.9 | 33.2 | -1.7 (-5%) |

Table 6.6-16. Summary Statistics of Residence Time (Days) in the San Joaquin River Near Stockton Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|-------------|--------|------|------------|-----------|------|------------|---------|-----|------------|----------|-----|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 1.3 | 1.5 | 0.2 (12%) | 3.2 | 3.9 | 0.7 (22%) | 4.1 | 4.3 | 0.1 (4%) | 3.0 | 3.5 | 0.5 (17%) | 2.8 | 3.1 | 0.4 (13%) |
| 25% | 5.8 | 7.8 | 2.0 (35%) | 6.5 | 8.0 | 1.5 (23%) | 5.9 | 6.8 | 0.9 (16%) | 4.1 | 5.1 | 1.0 (25%) | 4.4 | 5.0 | 0.6 (14%) |
| 50% (median) | 13.9 | 11.7 | -2.3 (-16%) | 9.7 | 9.8 | 0.1 (1%) | 6.7 | 8.6 | 1.9 (29%) | 5.2 | 6.2 | 1.1 (21%) | 5.7 | 6.8 | 1.1 (19%) |
| 75% | 18.1 | 13.0 | -5.0 (-28%) | 12.1 | 10.9 | -1.1 (-9%) | 8.7 | 9.8 | 1.1 (13%) | 6.4 | 7.4 | 1.1 (17%) | 7.5 | 7.6 | 0.2 (2%) |
| 95% | 29.2 | 23.0 | -6.2 (-21%) | 15.1 | 14.4 | -0.7 (-5%) | 10.0 | 11.0 | 1.1 (11%) | 8.3 | 9.0 | 0.7 (8%) | 8.7 | 9.3 | 0.6 (7%) |

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Table 6.6-17. Summary Statistics of Residence Time (Days) in the Mildred Island Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|-------------|--------|------|-------------|-----------|------|------------|---------|------|------------|----------|------|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 3.0 | 7.1 | 4.1 (138%) | 1.8 | 5.0 | 3.3 (183%) | 2.0 | 7.4 | 5.4 (270%) | 2.9 | 8.9 | 6.0 (205%) | 2.1 | 4.1 | 2.0 (93%) |
| 25% | 4.4 | 15.5 | 11.1 (255%) | 2.2 | 8.1 | 5.8 (262%) | 3.2 | 9.2 | 6.0 (188%) | 3.7 | 11.6 | 7.9 (215%) | 3.0 | 6.1 | 3.1 (106%) |
| 50% (median) | 6.9 | 23.4 | 16.5 (238%) | 3.7 | 9.5 | 5.9 (160%) | 4.7 | 10.7 | 6.0 (127%) | 5.2 | 13.0 | 7.8 (150%) | 4.6 | 13.9 | 9.3 (205%) |
| 75% | 11.1 | 27.1 | 16.0 (144%) | 13.6 | 11.9 | -1.7 (-12%) | 6.9 | 14.9 | 8.0 (115%) | 9.5 | 16.5 | 7.0 (73%) | 15.9 | 15.7 | -0.2 (-1%) |
| 95% | 25.1 | 30.0 | 4.9 (20%) | 19.3 | 19.6 | 0.3 (2%) | 15.4 | 16.8 | 1.4 (9%) | 21.6 | 22.6 | 1.0 (4%) | 21.1 | 21.5 | 0.4 (2%) |

Table 6.6-18. Summary Statistics of Residence Time (Days) in the Holland Cut Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|-----|------------|--------|-----|-------------|-----------|-----|------------|---------|-----|------------|----------|-----|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 1.4 | 3.8 | 2.4 (169%) | 1.2 | 3.7 | 2.4 (198%) | 1.5 | 4.7 | 3.3 (225%) | 2.5 | 6.5 | 3.9 (156%) | 1.8 | 3.3 | 1.5 (81%) |
| 25% | 2.0 | 4.2 | 2.2 (114%) | 1.6 | 5.1 | 3.5 (226%) | 1.8 | 5.5 | 3.7 (208%) | 3.4 | 8.0 | 4.6 (134%) | 2.6 | 4.0 | 1.4 (52%) |
| 50% (median) | 2.5 | 4.8 | 2.3 (95%) | 2.4 | 5.7 | 3.3 (139%) | 3.0 | 7.5 | 4.5 (154%) | 3.9 | 8.6 | 4.7 (123%) | 3.3 | 5.8 | 2.5 (75%) |
| 75% | 3.5 | 6.0 | 2.5 (73%) | 5.4 | 6.6 | 1.1 (21%) | 5.7 | 8.8 | 3.1 (55%) | 5.8 | 9.1 | 3.3 (57%) | 4.9 | 8.5 | 3.7 (76%) |
| 95% | 5.6 | 6.8 | 1.2 (22%) | 9.8 | 7.8 | -2.0 (-21%) | 9.7 | 9.7 | -0.1 (-1%) | 7.5 | 9.8 | 2.3 (31%) | 6.9 | 9.6 | 2.8 (41%) |

Table 6.6-19. Summary Statistics of Residence Time (Days) in the Franks Tract Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|------------|---------|------|-------------|----------|------|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 9.4 | 10.7 | 1.2 (13%) | 10.0 | 11.1 | 1.1 (11%) | 9.0 | 8.2 | -0.8 (-9%) | 9.1 | 8.6 | -0.5 (-5%) | 8.1 | 8.0 | -0.1 (-1%) |
| 25% | 10.9 | 12.2 | 1.3 (12%) | 10.9 | 13.2 | 2.4 (22%) | 10.3 | 9.4 | -0.8 (-8%) | 11.1 | 9.7 | -1.5 (-13%) | 11.2 | 10.3 | -0.9 (-8%) |
| 50% (median) | 11.6 | 14.4 | 2.8 (24%) | 11.9 | 16.1 | 4.3 (36%) | 11.8 | 14.1 | 2.3 (20%) | 13.9 | 12.5 | -1.4 (-10%) | 12.3 | 12.0 | -0.3 (-3%) |
| 75% | 12.8 | 16.6 | 3.8 (30%) | 17.0 | 17.8 | 0.8 (5%) | 16.2 | 17.4 | 1.1 (7%) | 15.4 | 13.8 | -1.6 (-10%) | 14.4 | 15.1 | 0.7 (5%) |
| 95% | 16.9 | 17.5 | 0.6 (3%) | 18.0 | 19.9 | 1.9 (10%) | 18.7 | 18.5 | -0.2 (-1%) | 18.6 | 17.0 | -1.7 (-9%) | 18.1 | 18.0 | -0.1 (-1%) |

Table 6.6-20. Summary Statistics of Residence Time (Days) in the Rock Slough and Discovery Bay Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|-------------|---------|------|------------|----------|------|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 4.8 | 7.4 | 2.6 (54%) | 3.9 | 8.5 | 4.6 (119%) | 4.7 | 11.0 | 6.3 (135%) | 5.4 | 8.4 | 3.0 (55%) | 5.0 | 6.9 | 1.9 (37%) |
| 25% | 5.6 | 8.8 | 3.3 (59%) | 5.3 | 9.7 | 4.4 (84%) | 5.6 | 14.6 | 8.9 (159%) | 7.3 | 10.0 | 2.8 (38%) | 5.9 | 8.2 | 2.3 (39%) |
| 50% (median) | 6.4 | 10.0 | 3.7 (57%) | 5.7 | 11.9 | 6.2 (109%) | 6.8 | 17.5 | 10.7 (158%) | 8.8 | 15.2 | 6.4 (72%) | 7.5 | 9.8 | 2.2 (29%) |
| 75% | 7.3 | 11.4 | 4.1 (56%) | 10.1 | 15.9 | 5.9 (58%) | 16.6 | 19.3 | 2.7 (17%) | 12.1 | 17.1 | 5.0 (42%) | 10.8 | 12.1 | 1.3 (12%) |
| 95% | 10.7 | 13.9 | 3.1 (29%) | 19.2 | 22.3 | 3.1 (16%) | 19.8 | 25.2 | 5.4 (27%) | 20.6 | 19.2 | -1.4 (-7%) | 12.2 | 13.6 | 1.5 (12%) |

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Table 6.6-21. Summary Statistics of Residence Time (Days) in the Old River Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|-----|------------|--------|-----|------------|-----------|------|------------|---------|------|------------|----------|-----|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 0.5 | 1.5 | 1.0 (212%) | 0.4 | 1.4 | 1.0 (275%) | 0.6 | 1.7 | 1.1 (199%) | 0.6 | 2.5 | 1.9 (304%) | 0.7 | 1.3 | 0.6 (82%) |
| 25% | 0.7 | 1.8 | 1.1 (164%) | 0.6 | 1.6 | 1.1 (189%) | 0.8 | 2.5 | 1.7 (208%) | 1.0 | 3.4 | 2.3 (228%) | 0.9 | 1.7 | 0.8 (89%) |
| 50% (median) | 1.0 | 2.3 | 1.3 (131%) | 1.0 | 2.0 | 1.0 (102%) | 1.1 | 3.5 | 2.5 (231%) | 1.3 | 5.9 | 4.6 (363%) | 1.1 | 1.9 | 0.7 (64%) |
| 75% | 1.4 | 2.8 | 1.4 (101%) | 2.0 | 2.5 | 0.5 (23%) | 1.9 | 6.4 | 4.5 (243%) | 1.7 | 8.0 | 6.4 (382%) | 1.8 | 7.2 | 5.4 (299%) |
| 95% | 4.2 | 3.8 | -0.3 (-8%) | 4.1 | 4.8 | 0.7 (17%) | 2.7 | 12.0 | 9.3 (347%) | 2.4 | 12.0 | 9.6 (393%) | 2.8 | 8.6 | 5.8 (205%) |

Table 6.6-22. Summary Statistics of Residence Time (Days) in the Middle River Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|-----|------------|--------|-----|-------------|-----------|-----|------------|---------|------|--------------|----------|------|---------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 0.5 | 0.8 | 0.3 (62%) | 0.4 | 0.7 | 0.3 (78%) | 0.4 | 1.1 | 0.7 (180%) | 0.5 | 1.5 | 1.0 (196%) | 0.4 | 0.7 | 0.3 (58%) |
| 25% | 0.6 | 1.1 | 0.6 (101%) | 0.4 | 0.9 | 0.5 (114%) | 0.4 | 1.2 | 0.7 (177%) | 0.6 | 2.0 | 1.4 (228%) | 0.6 | 0.9 | 0.3 (51%) |
| 50% (median) | 0.7 | 1.3 | 0.6 (93%) | 0.5 | 1.0 | 0.5 (99%) | 0.5 | 1.4 | 0.8 (155%) | 0.7 | 2.8 | 2.1 (292%) | 0.7 | 1.1 | 0.4 (63%) |
| 75% | 0.8 | 1.6 | 0.8 (100%) | 0.9 | 1.1 | 0.3 (29%) | 0.8 | 1.6 | 0.8 (95%) | 1.0 | 7.9 | 7.0 (727%) | 0.8 | 10.9 | 10.1 (1,218%) |
| 95% | 2.4 | 4.5 | 2.1 (88%) | 1.9 | 1.7 | -0.2 (-13%) | 1.3 | 2.4 | 1.1 (84%) | 1.2 | 18.0 | 16.8 (1351%) | 1.1 | 11.8 | 10.7 (979%) |

Table 6.6-23. Summary Statistics of Residence Time (Days) in the Victoria Canal Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|-------------|--------|------|-------------|-----------|------|-------------|---------|------|-------------|----------|------|-------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 0.3 | 2.5 | 2.2 (713%) | 0.2 | 0.5 | 0.3 (116%) | 0.3 | 0.7 | 0.4 (170%) | 0.3 | 3.7 | 3.4 (1082%) | 0.3 | 0.5 | 0.2 (51%) |
| 25% | 0.3 | 7.4 | 7.0 (2074%) | 0.3 | 2.2 | 2.0 (731%) | 0.3 | 4.1 | 3.8 (1339%) | 0.4 | 5.4 | 5.1 (1353%) | 0.4 | 0.6 | 0.2 (57%) |
| 50% (median) | 1.3 | 13.0 | 11.7 (939%) | 4.6 | 7.6 | 3.0 (64%) | 1.2 | 7.2 | 5.9 (480%) | 0.6 | 10.5 | 9.9 (1734%) | 0.6 | 7.1 | 6.5 (1052%) |
| 75% | 10.0 | 19.9 | 9.9 (99%) | 14.5 | 14.2 | -0.3 (-2%) | 10.6 | 11.6 | 1.0 (10%) | 3.9 | 14.7 | 10.8 (278%) | 4.9 | 11.1 | 6.2 (126%) |
| 95% | 16.8 | 25.4 | 8.7 (52%) | 26.4 | 21.1 | -5.3 (-20%) | 20.4 | 19.9 | -0.5 (-3%) | 15.7 | 17.8 | 2.1 (13%) | 12.3 | 14.1 | 1.8 (15%) |

Table 6.6-24. Summary Statistics of Residence Time (Days) in the Grant Line Canal and Old River Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|------|------------|--------|------|------------|-----------|------|------------|---------|------|-------------|----------|------|-------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 2.2 | 3.0 | 0.8 (35%) | 9.3 | 9.3 | -0.1 (-1%) | 2.7 | 6.2 | 3.4 (125%) | 3.6 | 3.1 | -0.5 (-14%) | 4.4 | 5.4 | 1.0 (23%) |
| 25% | 29.3 | 29.6 | 0.3 (1%) | 20.2 | 23.5 | 3.2 (16%) | 8.5 | 10.0 | 1.5 (18%) | 6.7 | 4.3 | -2.4 (-36%) | 8.2 | 8.1 | -0.1 (-1%) |
| 50% (median) | 38.7 | 40.0 | 1.4 (4%) | 27.3 | 29.1 | 1.8 (6%) | 16.9 | 23.3 | 6.4 (38%) | 13.6 | 10.1 | -3.4 (-25%) | 11.8 | 9.2 | -2.7 (-22%) |
| 75% | 40.4 | 41.0 | 0.6 (1%) | 36.2 | 35.5 | -0.7 (-2%) | 32.9 | 35.8 | 3.0 (9%) | 19.5 | 14.7 | -4.8 (-24%) | 14.4 | 11.2 | -3.3 (-23%) |
| 95% | 42.8 | 42.0 | -0.9 (-2%) | 40.8 | 37.0 | -3.8 (-9%) | 38.1 | 38.0 | -0.1 (0%) | 24.2 | 24.8 | 0.6 (3%) | 21.2 | 13.1 | -8.0 (-38%) |

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Table 6.6-25. Summary Statistics of Residence Time (Days) in the Upper San Joaquin River Subregion from DSM2-PTM.

| Percentile | July | | | August | | | September | | | October | | | November | | |
|--------------|------|-----|-------------|--------|-----|-------------|-----------|-----|-------------|---------|-----|------------|----------|-----|------------|
| | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA | NAA | PA | PA vs. NAA |
| 5% | 0.2 | 0.2 | 0.0 (0%) | 0.2 | 0.2 | 0.0 (-1%) | 0.4 | 0.4 | 0.0 (-2%) | 0.3 | 0.3 | 0.0 (16%) | 0.3 | 0.3 | 0.0 (-8%) |
| 25% | 0.8 | 0.7 | -0.1 (-11%) | 0.9 | 0.8 | -0.1 (-16%) | 0.7 | 0.7 | -0.1 (-10%) | 0.5 | 0.6 | 0.1 (23%) | 0.4 | 0.3 | 0.0 (-6%) |
| 50% (median) | 2.0 | 1.4 | -0.7 (-33%) | 1.5 | 1.2 | -0.3 (-18%) | 1.0 | 0.8 | -0.1 (-13%) | 0.6 | 0.7 | 0.1 (25%) | 0.5 | 0.5 | 0.0 (-8%) |
| 75% | 3.3 | 1.8 | -1.5 (-46%) | 1.9 | 1.6 | -0.3 (-15%) | 1.2 | 1.1 | -0.2 (-14%) | 0.7 | 0.8 | 0.2 (27%) | 0.6 | 0.6 | 0.0 (-7%) |
| 95% | 13.5 | 6.7 | -6.8 (-50%) | 2.8 | 2.4 | -0.4 (-15%) | 1.5 | 1.3 | -0.2 (-16%) | 0.8 | 0.9 | 0.1 (18%) | 0.6 | 0.6 | 0.0 (-1%) |