# River Temperature Modeling

Summary Tables and Bar Charts

**Table SQ2-1a**
**Sacramento River below Keswick, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.3 | 55.5 | 52.1 | 48.3 | 46.8 | 47.5 | 48.4 | 49.5 | 50.4 | 52.1 | 53.2 | 52.8 |
| WSIP 2030 With Project | 55.2 | 55.5 | 52.2 | 48.3 | 46.8 | 47.5 | 48.5 | 49.8 | 50.6 | 52.2 | 53.0 | 52.9 |
| Difference | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.2 | 0.2 | -0.2 | 0.1 |
| Percent Difference[3] | -0.1% | 0.0% | 0.1% | -0.1% | -0.1% | 0.0% | 0.2% | 0.6% | 0.4% | 0.3% | -0.5% | 0.2% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 54.5 | 55.5 | 52.4 | 47.2 | 45.7 | 46.3 | 47.6 | 49.0 | 49.8 | 51.1 | 52.5 | 51.2 |
| WSIP 2030 With Project | 54.6 | 55.5 | 52.4 | 47.1 | 45.6 | 46.3 | 47.7 | 49.2 | 50.0 | 51.5 | 52.5 | 51.7 |
| Difference | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 | 0.1 | 0.2 | 0.2 | 0.4 | -0.1 | 0.5 |
| Percent Difference | 0.1% | 0.0% | 0.0% | -0.3% | -0.2% | 0.0% | 0.2% | 0.4% | 0.3% | 0.7% | -0.1% | 0.9% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 54.5 | 55.3 | 52.2 | 48.3 | 46.7 | 47.1 | 48.4 | 49.5 | 49.8 | 51.3 | 52.3 | 51.7 |
| WSIP 2030 With Project | 54.4 | 55.2 | 52.0 | 48.3 | 46.6 | 47.1 | 48.5 | 49.7 | 50.1 | 51.3 | 52.1 | 52.1 |
| Difference | -0.1 | 0.0 | -0.1 | 0.0 | -0.1 | 0.0 | 0.1 | 0.3 | 0.3 | 0.1 | -0.2 | 0.4 |
| Percent Difference | -0.2% | -0.1% | -0.3% | 0.0% | -0.1% | -0.1% | 0.2% | 0.5% | 0.5% | 0.2% | -0.4% | 0.8% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 54.9 | 55.2 | 52.0 | 48.7 | 47.0 | 47.9 | 48.6 | 49.5 | 50.2 | 51.8 | 53.0 | 52.5 |
| WSIP 2030 With Project | 55.0 | 55.2 | 52.0 | 48.7 | 47.0 | 47.9 | 48.6 | 49.7 | 50.5 | 52.1 | 52.8 | 52.7 |
| Difference | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.3 | -0.2 | 0.2 |
| Percent Difference | 0.2% | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.5% | 0.5% | 0.5% | -0.3% | 0.3% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.2 | 55.5 | 51.5 | 49.0 | 47.5 | 48.0 | 48.8 | 49.7 | 50.7 | 52.7 | 53.6 | 53.5 |
| WSIP 2030 With Project | 55.3 | 55.5 | 51.6 | 48.9 | 47.5 | 48.1 | 48.8 | 49.9 | 51.1 | 52.8 | 53.3 | 53.4 |
| Difference | 0.1 | 0.0 | 0.1 | -0.1 | -0.1 | 0.1 | 0.0 | 0.2 | 0.3 | 0.1 | -0.3 | -0.1 |
| Percent Difference | 0.2% | 0.0% | 0.1% | -0.2% | -0.1% | 0.1% | 0.1% | 0.4% | 0.7% | 0.3% | -0.5% | -0.1% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 58.2 | 56.5 | 52.4 | 49.4 | 48.3 | 49.1 | 49.5 | 50.5 | 52.3 | 54.5 | 55.4 | 56.8 |
| WSIP 2030 With Project | 57.7 | 56.5 | 52.8 | 49.5 | 48.4 | 49.1 | 49.8 | 51.2 | 52.3 | 54.2 | 54.7 | 55.9 |
| Difference | -0.5 | -0.1 | 0.4 | 0.1 | 0.1 | 0.0 | 0.3 | 0.7 | 0.0 | -0.3 | -0.7 | -0.8 |
| Percent Difference | -0.9% | -0.1% | 0.7% | 0.2% | 0.3% | 0.0% | 0.6% | 1.4% | 0.0% | -0.5% | -1.3% | -1.5% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ3-1a**
**Sacramento River at Bonnyview Bridge, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.7 | 55.6 | 52.0 | 48.4 | 47.2 | 48.2 | 49.4 | 50.7 | 51.4 | 52.9 | 54.2 | 53.7 |
| WSIP 2030 With Project | 55.7 | 55.6 | 52.1 | 48.4 | 47.2 | 48.2 | 49.5 | 51.0 | 51.7 | 53.1 | 53.9 | 53.8 |
| Difference | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | 0.2 | 0.2 | -0.3 | 0.0 |
| Percent Difference[3] | -0.1% | 0.0% | 0.1% | -0.1% | -0.1% | 0.0% | 0.2% | 0.7% | 0.5% | 0.3% | -0.5% | 0.1% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 54.9 | 55.5 | 52.3 | 47.3 | 45.9 | 46.7 | 48.5 | 50.2 | 50.9 | 52.0 | 53.5 | 51.8 |
| WSIP 2030 With Project | 55.0 | 55.5 | 52.3 | 47.2 | 45.8 | 46.7 | 48.6 | 50.4 | 51.0 | 52.4 | 53.4 | 52.3 |
| Difference | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 | 0.1 | 0.2 | 0.1 | 0.4 | -0.1 | 0.5 |
| Percent Difference | 0.1% | 0.0% | 0.0% | -0.3% | -0.2% | 0.0% | 0.2% | 0.5% | 0.3% | 0.7% | -0.2% | 0.9% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 54.9 | 55.3 | 52.1 | 48.4 | 47.0 | 47.6 | 49.4 | 50.6 | 50.8 | 52.1 | 53.2 | 52.5 |
| WSIP 2030 With Project | 54.8 | 55.2 | 52.0 | 48.4 | 46.9 | 47.6 | 49.5 | 51.0 | 51.2 | 52.2 | 53.1 | 52.9 |
| Difference | -0.1 | 0.0 | -0.1 | 0.0 | -0.1 | -0.1 | 0.1 | 0.3 | 0.4 | 0.1 | -0.2 | 0.5 |
| Percent Difference | -0.2% | -0.1% | -0.2% | 0.0% | -0.2% | -0.1% | 0.3% | 0.7% | 0.8% | 0.2% | -0.3% | 0.9% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.4 | 55.2 | 51.9 | 48.8 | 47.4 | 48.8 | 49.7 | 50.5 | 51.2 | 52.6 | 53.9 | 53.6 |
| WSIP 2030 With Project | 55.5 | 55.2 | 51.9 | 48.8 | 47.4 | 48.8 | 49.6 | 50.8 | 51.5 | 52.9 | 53.8 | 53.6 |
| Difference | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | -0.1 | 0.3 | 0.3 | 0.3 | -0.2 | 0.0 |
| Percent Difference | 0.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | -0.1% | 0.6% | 0.6% | 0.5% | -0.3% | 0.1% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.7 | 55.5 | 51.5 | 49.0 | 48.0 | 48.9 | 49.8 | 50.8 | 51.7 | 53.6 | 54.6 | 54.7 |
| WSIP 2030 With Project | 55.8 | 55.5 | 51.5 | 48.9 | 47.9 | 49.0 | 49.8 | 51.1 | 52.0 | 53.7 | 54.2 | 54.5 |
| Difference | 0.1 | 0.0 | 0.1 | -0.1 | -0.1 | 0.0 | 0.0 | 0.3 | 0.4 | 0.1 | -0.4 | -0.2 |
| Percent Difference | 0.2% | 0.0% | 0.1% | -0.2% | -0.1% | 0.1% | 0.1% | 0.5% | 0.7% | 0.3% | -0.6% | -0.4% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 58.7 | 56.5 | 52.3 | 49.5 | 48.8 | 50.0 | 50.4 | 51.6 | 53.2 | 55.4 | 56.4 | 57.9 |
| WSIP 2030 With Project | 58.2 | 56.5 | 52.6 | 49.6 | 48.9 | 50.0 | 50.8 | 52.5 | 53.3 | 55.1 | 55.6 | 57.0 |
| Difference | -0.5 | -0.1 | 0.3 | 0.1 | 0.1 | 0.0 | 0.3 | 0.8 | 0.0 | -0.2 | -0.8 | -0.9 |
| Percent Difference | -0.8% | -0.1% | 0.6% | 0.2% | 0.2% | 0.0% | 0.6% | 1.6% | 0.1% | -0.4% | -1.3% | -1.6% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ4-1a**
**Sacramento River at Balls Ferry, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.3 | 55.0 | 50.7 | 47.8 | 47.4 | 49.2 | 51.2 | 52.9 | 53.4 | 54.5 | 55.9 | 55.3 |
| WSIP 2030 With Project | 56.3 | 55.0 | 50.8 | 47.7 | 47.4 | 49.1 | 51.3 | 53.3 | 53.7 | 54.7 | 55.6 | 55.2 |
| Difference | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | 0.3 | 0.2 | -0.3 | 0.0 |
| Percent Difference[3] | 0.0% | 0.0% | 0.2% | -0.1% | -0.1% | 0.0% | 0.2% | 0.8% | 0.6% | 0.3% | -0.5% | -0.1% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.5 | 55.0 | 51.0 | 46.9 | 46.2 | 47.6 | 50.3 | 52.8 | 53.2 | 53.8 | 55.3 | 53.0 |
| WSIP 2030 With Project | 55.5 | 55.0 | 51.0 | 46.8 | 46.1 | 47.6 | 50.4 | 53.1 | 53.3 | 54.1 | 55.2 | 53.5 |
| Difference | 0.1 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 | 0.1 | 0.3 | 0.1 | 0.3 | -0.1 | 0.4 |
| Percent Difference | 0.1% | 0.0% | 0.0% | -0.2% | -0.2% | 0.0% | 0.2% | 0.5% | 0.2% | 0.6% | -0.3% | 0.8% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.5 | 54.8 | 50.8 | 47.5 | 47.1 | 48.5 | 51.3 | 52.9 | 52.9 | 53.7 | 54.9 | 53.8 |
| WSIP 2030 With Project | 55.4 | 54.8 | 50.9 | 47.4 | 47.0 | 48.4 | 51.4 | 53.4 | 53.5 | 53.8 | 54.8 | 54.3 |
| Difference | -0.1 | 0.0 | 0.1 | 0.0 | -0.1 | -0.1 | 0.1 | 0.4 | 0.6 | 0.1 | -0.1 | 0.5 |
| Percent Difference | -0.3% | 0.0% | 0.3% | -0.1% | -0.2% | -0.2% | 0.3% | 0.8% | 1.1% | 0.2% | -0.2% | 0.9% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.1 | 54.6 | 50.7 | 48.0 | 47.7 | 49.8 | 51.6 | 52.6 | 53.0 | 54.1 | 55.5 | 55.4 |
| WSIP 2030 With Project | 56.1 | 54.7 | 50.8 | 48.0 | 47.7 | 49.8 | 51.4 | 53.0 | 53.4 | 54.4 | 55.4 | 55.3 |
| Difference | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | -0.1 | 0.4 | 0.4 | 0.3 | -0.2 | -0.1 |
| Percent Difference | 0.1% | 0.2% | 0.2% | 0.0% | 0.0% | 0.0% | -0.2% | 0.7% | 0.8% | 0.5% | -0.3% | -0.2% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.3 | 54.8 | 50.3 | 48.2 | 48.1 | 49.9 | 51.6 | 52.8 | 53.4 | 55.1 | 56.2 | 56.6 |
| WSIP 2030 With Project | 56.5 | 54.9 | 50.4 | 48.2 | 48.0 | 50.0 | 51.7 | 53.2 | 53.8 | 55.2 | 55.8 | 56.2 |
| Difference | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | 0.4 | 0.1 | -0.4 | -0.4 |
| Percent Difference | 0.3% | 0.1% | 0.1% | 0.0% | -0.1% | 0.0% | 0.1% | 0.7% | 0.8% | 0.3% | -0.8% | -0.7% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 59.2 | 56.0 | 50.7 | 48.9 | 49.2 | 51.1 | 52.0 | 53.6 | 54.8 | 56.8 | 58.0 | 59.5 |
| WSIP 2030 With Project | 58.8 | 55.9 | 51.0 | 49.0 | 49.2 | 51.1 | 52.3 | 54.5 | 54.9 | 56.7 | 57.3 | 58.6 |
| Difference | -0.4 | -0.1 | 0.2 | 0.1 | 0.1 | 0.0 | 0.4 | 0.9 | 0.1 | -0.1 | -0.8 | -1.0 |
| Percent Difference | -0.6% | -0.1% | 0.4% | 0.2% | 0.1% | 0.0% | 0.7% | 1.7% | 0.2% | -0.3% | -1.3% | -1.6% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ5-1a**
**Sacramento River at Jellys Ferry, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.8 | 54.5 | 49.8 | 47.3 | 47.5 | 49.8 | 52.6 | 54.8 | 55.1 | 55.9 | 57.3 | 56.6 |
| WSIP 2030 With Project | 56.8 | 54.6 | 49.9 | 47.2 | 47.5 | 49.8 | 52.7 | 55.3 | 55.4 | 56.1 | 57.0 | 56.5 |
| Difference | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 0.3 | 0.2 | -0.3 | -0.1 |
| Percent Difference[3] | 0.0% | 0.0% | 0.2% | 0.0% | -0.1% | 0.0% | 0.2% | 0.8% | 0.6% | 0.3% | -0.5% | -0.2% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.0 | 54.6 | 50.0 | 46.6 | 46.4 | 48.4 | 51.7 | 55.0 | 55.2 | 55.5 | 56.9 | 54.1 |
| WSIP 2030 With Project | 56.0 | 54.6 | 50.0 | 46.5 | 46.3 | 48.4 | 51.8 | 55.3 | 55.3 | 55.8 | 56.7 | 54.5 |
| Difference | 0.1 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 | 0.1 | 0.3 | 0.1 | 0.3 | -0.2 | 0.4 |
| Percent Difference | 0.1% | 0.0% | 0.1% | -0.2% | -0.2% | 0.0% | 0.2% | 0.5% | 0.1% | 0.5% | -0.3% | 0.8% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.0 | 54.4 | 49.9 | 46.9 | 47.1 | 49.2 | 52.8 | 54.9 | 54.7 | 55.1 | 56.3 | 55.0 |
| WSIP 2030 With Project | 55.9 | 54.4 | 50.2 | 46.9 | 47.1 | 49.1 | 52.9 | 55.4 | 55.4 | 55.3 | 56.2 | 55.5 |
| Difference | -0.1 | 0.0 | 0.2 | 0.0 | -0.1 | -0.1 | 0.1 | 0.5 | 0.7 | 0.1 | 0.0 | 0.5 |
| Percent Difference | -0.3% | 0.0% | 0.5% | -0.1% | -0.1% | -0.2% | 0.2% | 0.9% | 1.4% | 0.2% | -0.1% | 0.9% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.6 | 54.1 | 49.8 | 47.4 | 47.8 | 50.5 | 53.0 | 54.4 | 54.6 | 55.3 | 56.9 | 57.0 |
| WSIP 2030 With Project | 56.6 | 54.2 | 50.0 | 47.4 | 47.7 | 50.5 | 52.9 | 54.8 | 55.1 | 55.6 | 56.7 | 56.7 |
| Difference | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | -0.1 | 0.4 | 0.5 | 0.3 | -0.1 | -0.3 |
| Percent Difference | 0.0% | 0.2% | 0.3% | 0.0% | 0.0% | 0.0% | -0.2% | 0.7% | 1.0% | 0.5% | -0.2% | -0.5% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.8 | 54.3 | 49.4 | 47.6 | 48.0 | 50.6 | 53.0 | 54.5 | 54.8 | 56.3 | 57.5 | 58.1 |
| WSIP 2030 With Project | 57.0 | 54.4 | 49.5 | 47.6 | 48.0 | 50.5 | 53.1 | 55.0 | 55.3 | 56.5 | 57.0 | 57.6 |
| Difference | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | 0.4 | 0.2 | -0.5 | -0.5 |
| Percent Difference | 0.3% | 0.1% | 0.1% | 0.0% | -0.1% | 0.0% | 0.1% | 0.8% | 0.8% | 0.3% | -0.9% | -0.9% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 59.6 | 55.4 | 49.8 | 48.3 | 49.3 | 51.7 | 53.2 | 55.2 | 56.1 | 58.0 | 59.3 | 60.8 |
| WSIP 2030 With Project | 59.3 | 55.3 | 49.9 | 48.4 | 49.3 | 51.7 | 53.6 | 56.1 | 56.3 | 58.0 | 58.6 | 59.8 |
| Difference | -0.3 | -0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.4 | 0.9 | 0.1 | -0.1 | -0.8 | -1.0 |
| Percent Difference | -0.5% | -0.1% | 0.3% | 0.2% | 0.1% | 0.0% | 0.7% | 1.7% | 0.3% | -0.1% | -1.3% | -1.6% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ6-1a**
**Sacramento River at Bend Bridge, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 57.1 | 54.2 | 49.3 | 47.1 | 47.6 | 50.4 | 53.4 | 55.8 | 56.1 | 57.0 | 58.4 | 57.5 |
| WSIP 2030 With Project | 57.1 | 54.2 | 49.5 | 47.1 | 47.6 | 50.4 | 53.5 | 56.3 | 56.5 | 57.2 | 58.1 | 57.4 |
| Difference | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 0.4 | 0.2 | -0.3 | -0.1 |
| Percent Difference[3] | 0.0% | 0.1% | 0.2% | 0.0% | -0.1% | 0.0% | 0.2% | 0.8% | 0.7% | 0.3% | -0.5% | -0.2% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.3 | 54.3 | 49.6 | 46.6 | 46.6 | 49.0 | 52.5 | 56.0 | 56.3 | 56.6 | 58.1 | 54.8 |
| WSIP 2030 With Project | 56.3 | 54.4 | 49.6 | 46.5 | 46.5 | 48.9 | 52.6 | 56.3 | 56.4 | 56.8 | 57.9 | 55.2 |
| Difference | 0.1 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 | 0.1 | 0.3 | 0.1 | 0.3 | -0.2 | 0.4 |
| Percent Difference | 0.1% | 0.0% | 0.1% | -0.2% | -0.1% | 0.0% | 0.2% | 0.5% | 0.1% | 0.5% | -0.3% | 0.7% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.4 | 54.2 | 49.5 | 46.9 | 47.3 | 49.7 | 53.6 | 55.9 | 55.7 | 56.1 | 57.4 | 55.9 |
| WSIP 2030 With Project | 56.2 | 54.2 | 49.8 | 46.8 | 47.2 | 49.6 | 53.7 | 56.4 | 56.5 | 56.3 | 57.4 | 56.4 |
| Difference | -0.1 | 0.0 | 0.3 | 0.0 | -0.1 | -0.1 | 0.1 | 0.5 | 0.8 | 0.1 | 0.0 | 0.5 |
| Percent Difference | -0.2% | 0.1% | 0.6% | -0.1% | -0.1% | -0.2% | 0.2% | 0.9% | 1.5% | 0.2% | 0.0% | 0.9% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.9 | 53.7 | 49.3 | 47.2 | 47.9 | 51.0 | 53.8 | 55.4 | 55.6 | 56.4 | 58.0 | 58.1 |
| WSIP 2030 With Project | 56.9 | 53.8 | 49.5 | 47.2 | 47.9 | 51.0 | 53.7 | 55.8 | 56.2 | 56.6 | 57.9 | 57.8 |
| Difference | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | -0.1 | 0.4 | 0.6 | 0.3 | -0.1 | -0.3 |
| Percent Difference | 0.0% | 0.2% | 0.4% | 0.0% | 0.0% | 0.0% | -0.2% | 0.7% | 1.0% | 0.5% | -0.2% | -0.6% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 57.2 | 53.9 | 48.9 | 47.3 | 48.1 | 51.1 | 53.7 | 55.6 | 55.9 | 57.4 | 58.7 | 59.3 |
| WSIP 2030 With Project | 57.3 | 54.0 | 49.0 | 47.3 | 48.0 | 51.1 | 53.8 | 56.1 | 56.3 | 57.6 | 58.2 | 58.7 |
| Difference | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 0.5 | 0.2 | -0.5 | -0.6 |
| Percent Difference | 0.3% | 0.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.2% | 0.8% | 0.8% | 0.3% | -0.9% | -1.0% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 59.8 | 54.8 | 49.3 | 48.0 | 49.3 | 52.1 | 53.9 | 56.1 | 57.1 | 59.0 | 60.3 | 61.7 |
| WSIP 2030 With Project | 59.6 | 54.8 | 49.4 | 48.1 | 49.3 | 52.1 | 54.3 | 57.1 | 57.3 | 59.0 | 59.6 | 60.7 |
| Difference | -0.3 | -0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.4 | 0.9 | 0.2 | 0.0 | -0.8 | -1.0 |
| Percent Difference | -0.4% | -0.1% | 0.2% | 0.1% | 0.0% | 0.0% | 0.8% | 1.7% | 0.3% | 0.0% | -1.3% | -1.6% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ7-1a**
**Sacramento River at Red Bluff, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 57.7 | 54.2 | 49.3 | 47.1 | 47.9 | 50.9 | 54.2 | 57.1 | 57.8 | 58.6 | 60.2 | 59.1 |
| WSIP 2030 With Project | 57.7 | 54.3 | 49.4 | 47.1 | 47.9 | 50.9 | 54.4 | 57.6 | 58.2 | 58.8 | 59.8 | 58.8 |
| Difference | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 0.4 | 0.2 | -0.3 | -0.2 |
| Percent Difference[3] | 0.0% | 0.1% | 0.2% | 0.0% | 0.0% | 0.0% | 0.2% | 0.9% | 0.7% | 0.3% | -0.5% | -0.4% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.8 | 54.4 | 49.5 | 46.6 | 46.8 | 49.4 | 53.2 | 57.2 | 58.0 | 58.3 | 59.9 | 56.0 |
| WSIP 2030 With Project | 56.9 | 54.4 | 49.5 | 46.6 | 46.7 | 49.4 | 53.3 | 57.5 | 58.1 | 58.5 | 59.6 | 56.4 |
| Difference | 0.1 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 | 0.1 | 0.3 | 0.1 | 0.2 | -0.2 | 0.4 |
| Percent Difference | 0.1% | 0.0% | 0.1% | -0.1% | -0.1% | 0.0% | 0.2% | 0.5% | 0.1% | 0.4% | -0.4% | 0.7% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.9 | 54.1 | 49.5 | 46.9 | 47.5 | 50.2 | 54.4 | 57.2 | 57.3 | 57.8 | 59.1 | 57.3 |
| WSIP 2030 With Project | 56.8 | 54.2 | 49.7 | 46.8 | 47.4 | 50.1 | 54.5 | 57.7 | 58.3 | 57.9 | 59.2 | 57.8 |
| Difference | -0.1 | 0.0 | 0.3 | 0.0 | 0.0 | -0.1 | 0.1 | 0.5 | 0.9 | 0.1 | 0.0 | 0.5 |
| Percent Difference | -0.2% | 0.1% | 0.5% | -0.1% | -0.1% | -0.2% | 0.2% | 0.9% | 1.6% | 0.2% | 0.1% | 0.8% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 57.5 | 53.8 | 49.2 | 47.3 | 48.2 | 51.6 | 54.7 | 56.6 | 57.3 | 57.9 | 59.7 | 59.8 |
| WSIP 2030 With Project | 57.5 | 53.9 | 49.4 | 47.3 | 48.2 | 51.6 | 54.6 | 57.1 | 57.9 | 58.2 | 59.6 | 59.3 |
| Difference | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | -0.1 | 0.4 | 0.7 | 0.3 | -0.1 | -0.4 |
| Percent Difference | 0.0% | 0.2% | 0.4% | 0.0% | 0.0% | 0.1% | -0.2% | 0.8% | 1.1% | 0.5% | -0.2% | -0.8% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 57.8 | 54.0 | 48.9 | 47.3 | 48.3 | 51.7 | 54.7 | 56.9 | 57.5 | 59.0 | 60.4 | 61.1 |
| WSIP 2030 With Project | 58.0 | 54.0 | 49.0 | 47.4 | 48.4 | 51.7 | 54.8 | 57.4 | 58.0 | 59.2 | 59.8 | 60.4 |
| Difference | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 0.5 | 0.2 | -0.6 | -0.7 |
| Percent Difference | 0.3% | 0.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.2% | 0.9% | 0.8% | 0.3% | -1.0% | -1.2% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 60.4 | 54.9 | 49.3 | 48.1 | 49.7 | 52.8 | 54.9 | 57.5 | 58.7 | 60.6 | 62.1 | 63.3 |
| WSIP 2030 With Project | 60.2 | 54.9 | 49.4 | 48.2 | 49.7 | 52.9 | 55.4 | 58.4 | 58.9 | 60.7 | 61.3 | 62.3 |
| Difference | -0.2 | -0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.4 | 1.0 | 0.2 | 0.1 | -0.8 | -1.0 |
| Percent Difference | -0.3% | -0.1% | 0.2% | 0.1% | 0.1% | 0.1% | 0.8% | 1.7% | 0.4% | 0.1% | -1.2% | -1.6% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ8-1a**
**Sacramento River below Red Bluff, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 57.7 | 54.2 | 49.3 | 47.1 | 47.9 | 50.9 | 54.2 | 57.0 | 57.7 | 58.5 | 60.1 | 59.0 |
| WSIP 2030 With Project | 57.7 | 54.3 | 49.4 | 47.1 | 47.9 | 50.9 | 54.3 | 57.5 | 58.1 | 58.7 | 59.8 | 58.8 |
| Difference | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 0.4 | 0.2 | -0.3 | -0.2 |
| Percent Difference[3] | 0.0% | 0.1% | 0.2% | 0.0% | 0.0% | 0.0% | 0.2% | 0.9% | 0.7% | 0.3% | -0.5% | -0.3% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.8 | 54.4 | 49.5 | 46.6 | 46.8 | 49.3 | 53.1 | 57.2 | 57.9 | 58.2 | 59.8 | 56.0 |
| WSIP 2030 With Project | 56.8 | 54.4 | 49.5 | 46.5 | 46.7 | 49.3 | 53.2 | 57.5 | 58.0 | 58.4 | 59.6 | 56.3 |
| Difference | 0.1 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 | 0.1 | 0.3 | 0.1 | 0.2 | -0.2 | 0.4 |
| Percent Difference | 0.1% | 0.0% | 0.1% | -0.1% | -0.1% | 0.0% | 0.2% | 0.5% | 0.1% | 0.4% | -0.4% | 0.7% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 56.9 | 54.1 | 49.5 | 46.9 | 47.5 | 50.1 | 54.4 | 57.1 | 57.3 | 57.7 | 59.1 | 57.2 |
| WSIP 2030 With Project | 56.8 | 54.2 | 49.7 | 46.8 | 47.4 | 50.0 | 54.5 | 57.6 | 58.2 | 57.8 | 59.1 | 57.7 |
| Difference | -0.1 | 0.0 | 0.3 | 0.0 | 0.0 | -0.1 | 0.1 | 0.5 | 0.9 | 0.1 | 0.0 | 0.5 |
| Percent Difference | -0.2% | 0.1% | 0.5% | -0.1% | -0.1% | -0.2% | 0.2% | 0.9% | 1.6% | 0.2% | 0.1% | 0.8% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 57.5 | 53.8 | 49.2 | 47.3 | 48.2 | 51.6 | 54.7 | 56.6 | 57.2 | 57.8 | 59.6 | 59.7 |
| WSIP 2030 With Project | 57.5 | 53.9 | 49.4 | 47.3 | 48.2 | 51.6 | 54.6 | 57.0 | 57.8 | 58.1 | 59.5 | 59.3 |
| Difference | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | -0.1 | 0.4 | 0.6 | 0.3 | -0.1 | -0.4 |
| Percent Difference | 0.0% | 0.2% | 0.4% | 0.0% | 0.0% | 0.0% | -0.2% | 0.8% | 1.1% | 0.5% | -0.2% | -0.7% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 57.7 | 54.0 | 48.9 | 47.3 | 48.3 | 51.6 | 54.7 | 56.9 | 57.4 | 58.9 | 60.3 | 61.0 |
| WSIP 2030 With Project | 57.9 | 54.0 | 49.0 | 47.3 | 48.3 | 51.6 | 54.8 | 57.3 | 57.9 | 59.1 | 59.7 | 60.3 |
| Difference | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 0.5 | 0.2 | -0.6 | -0.7 |
| Percent Difference | 0.3% | 0.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.2% | 0.9% | 0.8% | 0.3% | -1.0% | -1.2% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 60.4 | 54.9 | 49.3 | 48.1 | 49.7 | 52.8 | 54.9 | 57.4 | 58.6 | 60.5 | 62.0 | 63.3 |
| WSIP 2030 With Project | 60.2 | 54.9 | 49.4 | 48.1 | 49.7 | 52.8 | 55.3 | 58.4 | 58.9 | 60.6 | 61.2 | 62.2 |
| Difference | -0.2 | -0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.4 | 1.0 | 0.2 | 0.1 | -0.8 | -1.0 |
| Percent Difference | -0.3% | -0.1% | 0.2% | 0.1% | 0.1% | 0.1% | 0.8% | 1.7% | 0.4% | 0.1% | -1.2% | -1.6% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ9-1a**
**American River below Nimbus Dam, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 65.6 | 57.3 | 49.8 | 46.3 | 46.8 | 49.6 | 54.9 | 60.2 | 64.3 | 66.4 | 66.6 | 68.2 |
| WSIP 2030 With Project | 65.6 | 57.4 | 50.1 | 46.4 | 46.8 | 49.6 | 54.8 | 60.1 | 64.1 | 65.4 | 66.0 | 67.5 |
| Difference | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.0 | -0.1 | -0.1 | -0.2 | -1.0 | -0.7 | -0.7 |
| Percent Difference[3] | 0.0% | 0.0% | 0.6% | 0.2% | 0.0% | 0.0% | -0.2% | -0.2% | -0.4% | -1.5% | -1.0% | -1.0% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 65.1 | 57.1 | 49.5 | 45.2 | 45.8 | 48.4 | 52.7 | 58.0 | 62.0 | 66.0 | 66.3 | 67.3 |
| WSIP 2030 With Project | 64.7 | 57.0 | 49.9 | 45.3 | 45.8 | 48.4 | 52.7 | 58.0 | 62.0 | 64.8 | 64.9 | 66.5 |
| Difference | -0.3 | 0.0 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.2 | -1.4 | -0.8 |
| Percent Difference | -0.5% | -0.1% | 0.8% | 0.1% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -1.8% | -2.1% | -1.3% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 65.2 | 56.6 | 49.9 | 46.4 | 46.4 | 48.7 | 54.5 | 60.1 | 64.8 | 65.8 | 66.1 | 67.6 |
| WSIP 2030 With Project | 65.2 | 56.6 | 50.3 | 46.5 | 46.4 | 48.7 | 54.5 | 60.1 | 64.4 | 64.8 | 65.6 | 67.0 |
| Difference | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | -1.0 | -0.5 | -0.6 |
| Percent Difference | 0.0% | 0.0% | 0.7% | 0.2% | 0.1% | 0.0% | 0.0% | -0.1% | -0.6% | -1.5% | -0.7% | -0.9% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 65.5 | 57.9 | 50.3 | 46.6 | 46.8 | 49.4 | 55.6 | 61.2 | 65.3 | 65.5 | 66.9 | 68.5 |
| WSIP 2030 With Project | 65.6 | 57.8 | 50.7 | 46.7 | 46.8 | 49.4 | 55.6 | 60.9 | 64.5 | 64.6 | 66.1 | 67.4 |
| Difference | 0.1 | -0.1 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | -0.3 | -0.8 | -0.9 | -0.7 | -1.1 |
| Percent Difference | 0.1% | -0.2% | 0.8% | 0.1% | 0.0% | 0.0% | -0.1% | -0.6% | -1.2% | -1.4% | -1.1% | -1.6% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 65.7 | 56.6 | 49.1 | 46.7 | 47.2 | 50.4 | 56.2 | 61.6 | 65.5 | 65.9 | 66.4 | 68.7 |
| WSIP 2030 With Project | 66.0 | 56.7 | 49.3 | 46.8 | 47.2 | 50.4 | 56.1 | 61.4 | 65.2 | 65.2 | 66.5 | 68.1 |
| Difference | 0.3 | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 | -0.1 | -0.2 | -0.3 | -0.8 | 0.1 | -0.6 |
| Percent Difference | 0.5% | 0.2% | 0.4% | 0.3% | 0.1% | 0.0% | -0.2% | -0.3% | -0.5% | -1.1% | 0.1% | -0.8% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 67.1 | 58.8 | 50.8 | 47.6 | 48.8 | 52.4 | 57.0 | 61.7 | 65.7 | 69.6 | 67.7 | 69.3 |
| WSIP 2030 With Project | 67.2 | 58.9 | 50.7 | 47.9 | 48.8 | 52.2 | 56.5 | 61.9 | 66.1 | 68.7 | 67.5 | 69.2 |
| Difference | 0.1 | 0.1 | -0.1 | 0.3 | 0.0 | -0.2 | -0.5 | 0.2 | 0.3 | -0.9 | -0.2 | -0.1 |
| Percent Difference | 0.1% | 0.1% | -0.2% | 0.6% | 0.0% | -0.4% | -0.8% | 0.3% | 0.5% | -1.3% | -0.3% | -0.2% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

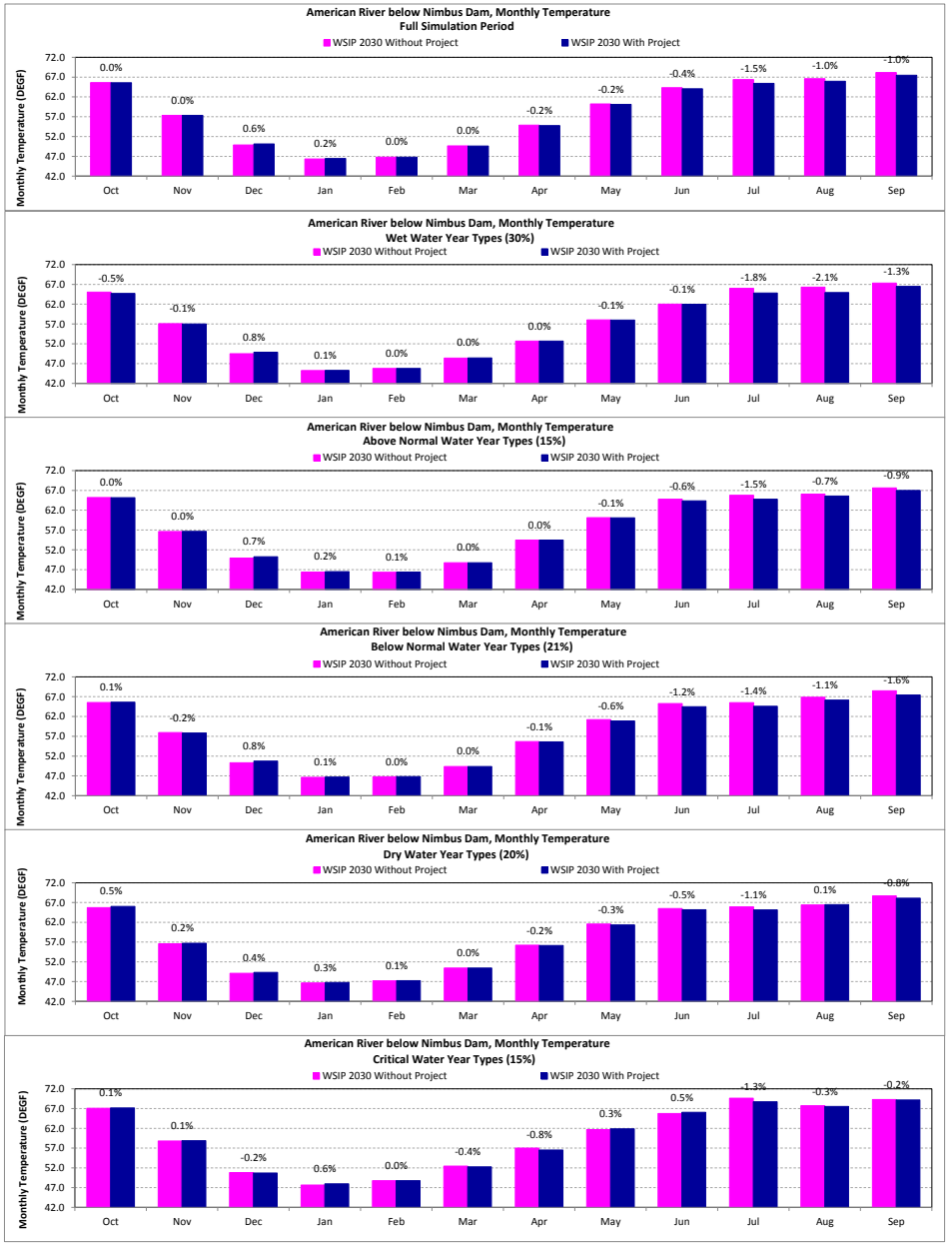


**Table SQ10-1a**
**American River at Watt Avenue, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 66.2 | 57.4 | 49.8 | 46.8 | 47.9 | 51.6 | 57.8 | 64.4 | 69.0 | 69.8 | 71.3 | 70.6 |
| WSIP 2030 With Project | 66.1 | 57.4 | 50.0 | 46.9 | 47.9 | 51.6 | 57.6 | 64.1 | 68.6 | 69.3 | 70.6 | 69.9 |
| Difference | -0.1 | 0.0 | 0.3 | 0.1 | 0.0 | 0.0 | -0.2 | -0.3 | -0.3 | -0.5 | -0.7 | -0.7 |
| Percent Difference[3] | -0.1% | 0.0% | 0.5% | 0.2% | 0.0% | -0.1% | -0.3% | -0.4% | -0.5% | -0.8% | -1.0% | -1.0% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 65.7 | 57.2 | 49.5 | 45.6 | 46.4 | 49.8 | 54.8 | 61.6 | 66.7 | 69.3 | 70.4 | 69.0 |
| WSIP 2030 With Project | 65.3 | 57.2 | 49.8 | 45.6 | 46.5 | 49.9 | 54.8 | 61.5 | 66.6 | 68.3 | 69.2 | 68.3 |
| Difference | -0.3 | 0.0 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -1.0 | -1.2 | -0.6 |
| Percent Difference | -0.5% | -0.1% | 0.7% | 0.1% | 0.0% | 0.0% | 0.0% | -0.2% | -0.2% | -1.5% | -1.7% | -0.9% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 65.6 | 56.6 | 49.9 | 46.8 | 47.2 | 50.1 | 57.0 | 64.2 | 69.3 | 68.6 | 70.5 | 69.9 |
| WSIP 2030 With Project | 65.6 | 56.7 | 50.2 | 46.9 | 47.2 | 50.1 | 57.0 | 64.0 | 68.8 | 68.1 | 70.0 | 69.3 |
| Difference | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | -0.2 | -0.5 | -0.5 | -0.5 | -0.6 |
| Percent Difference | -0.1% | 0.1% | 0.6% | 0.2% | 0.1% | 0.0% | 0.0% | -0.3% | -0.7% | -0.7% | -0.7% | -0.8% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 66.0 | 57.9 | 50.1 | 47.1 | 47.8 | 51.0 | 58.7 | 65.2 | 69.8 | 68.4 | 71.6 | 71.1 |
| WSIP 2030 With Project | 66.0 | 57.8 | 50.5 | 47.2 | 47.9 | 51.0 | 58.5 | 64.8 | 68.8 | 68.2 | 70.7 | 70.1 |
| Difference | 0.0 | -0.1 | 0.4 | 0.1 | 0.0 | 0.0 | -0.2 | -0.4 | -1.0 | -0.2 | -0.9 | -1.0 |
| Percent Difference | 0.0% | -0.2% | 0.8% | 0.1% | 0.1% | 0.0% | -0.3% | -0.6% | -1.5% | -0.3% | -1.3% | -1.4% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 66.3 | 56.7 | 49.1 | 47.1 | 48.4 | 53.1 | 59.8 | 65.9 | 69.7 | 69.5 | 71.1 | 71.5 |
| WSIP 2030 With Project | 66.5 | 56.8 | 49.3 | 47.2 | 48.5 | 53.1 | 59.6 | 65.4 | 69.5 | 69.4 | 71.2 | 70.8 |
| Difference | 0.2 | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 | -0.2 | -0.5 | -0.2 | -0.1 | 0.1 | -0.8 |
| Percent Difference | 0.2% | 0.2% | 0.4% | 0.2% | 0.1% | 0.0% | -0.4% | -0.7% | -0.3% | -0.1% | 0.1% | -1.1% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 67.7 | 58.7 | 50.7 | 48.2 | 50.7 | 55.6 | 61.1 | 66.9 | 71.0 | 74.7 | 73.6 | 72.5 |
| WSIP 2030 With Project | 67.7 | 58.8 | 50.6 | 48.5 | 50.7 | 55.3 | 60.4 | 66.7 | 71.4 | 74.1 | 73.1 | 72.2 |
| Difference | 0.0 | 0.1 | -0.1 | 0.2 | -0.1 | -0.3 | -0.7 | -0.2 | 0.3 | -0.7 | -0.5 | -0.3 |
| Percent Difference | 0.1% | 0.1% | -0.1% | 0.5% | -0.1% | -0.5% | -1.1% | -0.3% | 0.4% | -0.9% | -0.7% | -0.4% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

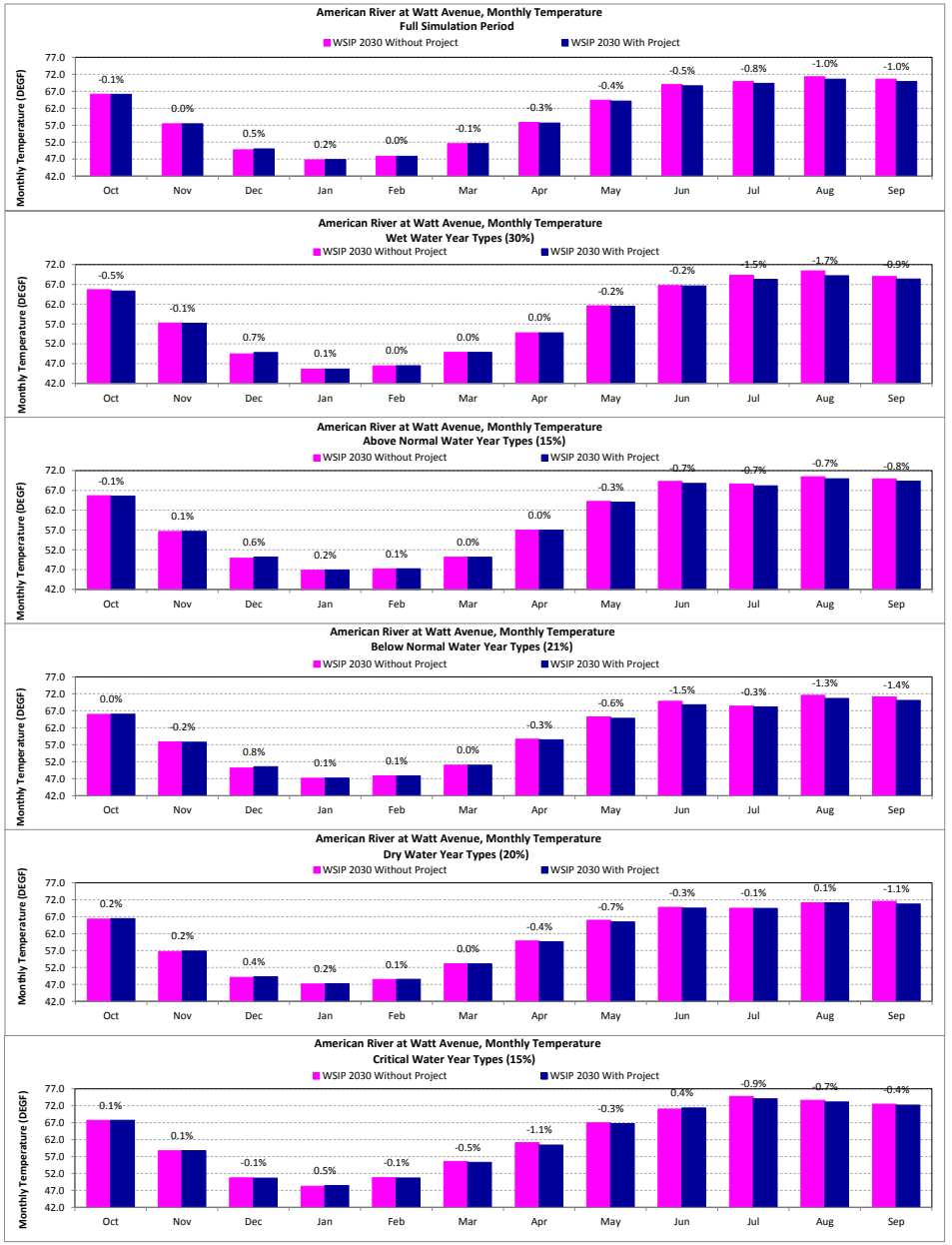


**Table SQ11-1a**
**American River at the Mouth, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 66.7 | 57.5 | 49.7 | 47.1 | 48.6 | 52.9 | 59.9 | 67.2 | 72.2 | 72.3 | 74.6 | 72.5 |
| WSIP 2030 With Project | 66.5 | 57.5 | 50.0 | 47.2 | 48.6 | 52.9 | 59.6 | 66.9 | 71.8 | 72.2 | 73.9 | 71.8 |
| Difference | -0.1 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | -0.2 | -0.4 | -0.4 | -0.2 | -0.7 | -0.7 |
| Percent Difference[3] | -0.2% | 0.0% | 0.5% | 0.2% | 0.0% | -0.1% | -0.4% | -0.5% | -0.5% | -0.2% | -0.9% | -0.9% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 66.2 | 57.4 | 49.4 | 45.8 | 46.8 | 50.8 | 56.2 | 64.1 | 70.0 | 71.6 | 73.4 | 70.3 |
| WSIP 2030 With Project | 65.8 | 57.4 | 49.8 | 45.9 | 46.8 | 50.8 | 56.2 | 63.9 | 69.9 | 70.9 | 72.4 | 69.8 |
| Difference | -0.4 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.2 | -0.8 | -1.0 | -0.5 |
| Percent Difference | -0.5% | -0.1% | 0.7% | 0.1% | 0.0% | 0.0% | 0.0% | -0.2% | -0.3% | -1.1% | -1.4% | -0.7% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 66.1 | 56.7 | 49.8 | 47.2 | 47.7 | 51.0 | 58.7 | 67.1 | 72.4 | 70.7 | 73.6 | 71.6 |
| WSIP 2030 With Project | 66.0 | 56.7 | 50.1 | 47.2 | 47.7 | 51.1 | 58.7 | 66.8 | 71.8 | 70.7 | 73.1 | 71.1 |
| Difference | -0.1 | 0.1 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | -0.3 | -0.6 | 0.0 | -0.5 | -0.5 |
| Percent Difference | -0.1% | 0.1% | 0.5% | 0.1% | 0.1% | 0.0% | 0.0% | -0.4% | -0.8% | 0.0% | -0.7% | -0.7% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 66.4 | 57.9 | 50.0 | 47.5 | 48.5 | 52.1 | 60.8 | 68.0 | 73.0 | 70.5 | 75.0 | 73.2 |
| WSIP 2030 With Project | 66.4 | 57.8 | 50.4 | 47.5 | 48.6 | 52.1 | 60.5 | 67.6 | 71.8 | 70.9 | 74.0 | 72.1 |
| Difference | 0.0 | -0.1 | 0.4 | 0.1 | 0.0 | 0.0 | -0.2 | -0.4 | -1.2 | 0.4 | -1.1 | -1.0 |
| Percent Difference | -0.1% | -0.2% | 0.7% | 0.1% | 0.1% | 0.0% | -0.4% | -0.6% | -1.6% | 0.6% | -1.4% | -1.4% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 66.9 | 56.9 | 49.0 | 47.4 | 49.3 | 54.9 | 62.4 | 69.0 | 72.8 | 72.3 | 74.5 | 73.8 |
| WSIP 2030 With Project | 66.9 | 57.0 | 49.2 | 47.5 | 49.4 | 54.9 | 62.1 | 68.3 | 72.6 | 72.7 | 74.6 | 72.9 |
| Difference | 0.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.0 | -0.3 | -0.7 | -0.2 | 0.4 | 0.1 | -0.9 |
| Percent Difference | 0.0% | 0.1% | 0.4% | 0.1% | 0.1% | 0.0% | -0.5% | -1.0% | -0.2% | 0.6% | 0.1% | -1.2% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 68.3 | 58.7 | 50.6 | 48.7 | 52.1 | 57.8 | 64.0 | 70.4 | 74.5 | 78.3 | 77.7 | 75.0 |
| WSIP 2030 With Project | 68.3 | 58.8 | 50.6 | 48.9 | 52.0 | 57.5 | 63.2 | 70.1 | 74.8 | 77.7 | 77.1 | 74.6 |
| Difference | 0.0 | 0.1 | 0.0 | 0.2 | -0.1 | -0.3 | -0.8 | -0.4 | 0.3 | -0.6 | -0.6 | -0.4 |
| Percent Difference | 0.0% | 0.1% | -0.1% | 0.4% | -0.2% | -0.6% | -1.2% | -0.5% | 0.4% | -0.7% | -0.8% | -0.5% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

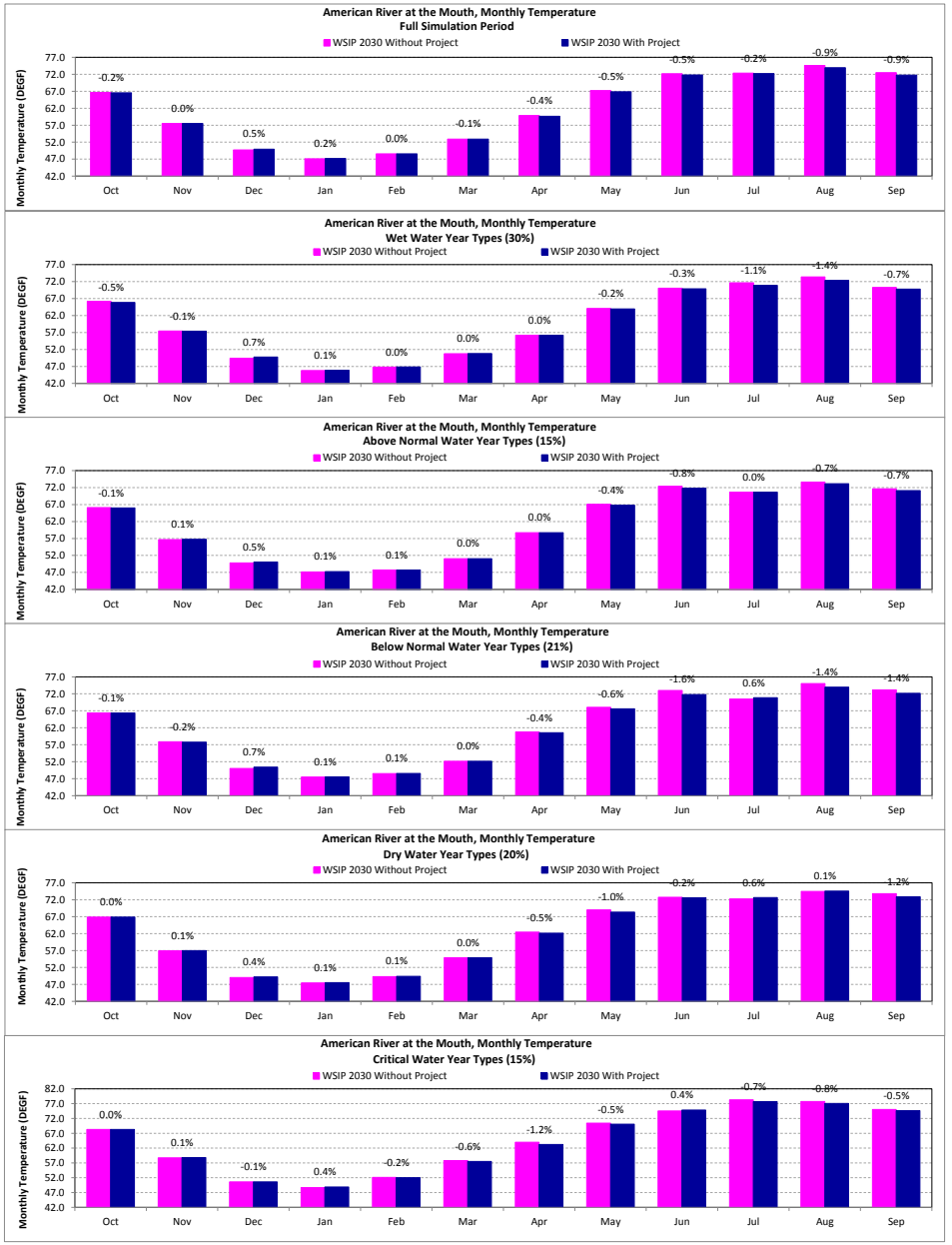


**Table SQ12-1a**
**Trinity River below Lewiston Dam, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monthly Temperature (DEGF) | | | | | | | | | | | |
| | Long-term | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 51.8 | 50.8 | 49.1 | 47.7 | 47.8 | 49.6 | 50.8 | 46.7 | 49.8 | 51.0 | 51.1 | 51.2 |
| WSIP 2030 With Project | 51.8 | 50.9 | 49.0 | 47.8 | 47.8 | 49.6 | 50.8 | 46.7 | 49.9 | 51.2 | 50.9 | 51.1 |
| Difference | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | 0.1 | -0.3 | 0.0 |
| Percent Difference[3] | 0.1% | 0.3% | -0.1% | 0.3% | 0.0% | -0.1% | 0.0% | 0.0% | 0.0% | 0.3% | -0.5% | 0.0% |
| | Water Year Types[2] | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 49.7 | 49.4 | 48.8 | 45.7 | 45.7 | 47.4 | 49.2 | 45.0 | 47.1 | 50.2 | 50.4 | 49.5 |
| WSIP 2030 With Project | 49.8 | 49.6 | 48.7 | 45.9 | 45.6 | 47.4 | 49.1 | 45.0 | 47.1 | 50.2 | 49.9 | 49.6 |
| Difference | 0.1 | 0.2 | -0.1 | 0.2 | -0.1 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | -0.5 | 0.1 |
| Percent Difference | 0.2% | 0.4% | -0.2% | 0.4% | -0.2% | -0.1% | -0.2% | 0.0% | 0.1% | -0.1% | -1.0% | 0.3% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 50.3 | 49.6 | 49.9 | 47.3 | 47.1 | 49.2 | 51.0 | 45.4 | 48.6 | 50.3 | 50.2 | 50.0 |
| WSIP 2030 With Project | 50.4 | 49.9 | 49.5 | 47.3 | 47.1 | 49.3 | 51.0 | 45.4 | 48.4 | 50.5 | 50.1 | 49.8 |
| Difference | 0.1 | 0.2 | -0.5 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | -0.3 | 0.2 | -0.1 | -0.2 |
| Percent Difference | 0.2% | 0.5% | -0.9% | 0.1% | 0.0% | 0.2% | -0.1% | 0.0% | -0.5% | 0.4% | -0.2% | -0.4% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 51.6 | 50.6 | 48.7 | 48.4 | 48.3 | 50.8 | 51.2 | 46.6 | 50.3 | 51.3 | 50.7 | 51.3 |
| WSIP 2030 With Project | 51.6 | 50.4 | 48.4 | 48.5 | 48.3 | 50.7 | 51.2 | 46.6 | 50.2 | 51.3 | 50.7 | 51.3 |
| Difference | 0.0 | -0.1 | -0.2 | 0.1 | 0.0 | -0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Percent Difference | 0.0% | -0.3% | -0.5% | 0.3% | -0.1% | -0.2% | 0.1% | 0.0% | -0.1% | 0.1% | -0.1% | 0.0% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 53.4 | 52.2 | 48.5 | 48.7 | 49.1 | 50.4 | 51.8 | 48.0 | 51.2 | 51.0 | 51.4 | 52.1 |
| WSIP 2030 With Project | 53.3 | 52.0 | 48.5 | 48.9 | 49.2 | 50.1 | 51.9 | 48.0 | 51.5 | 51.7 | 51.2 | 52.1 |
| Difference | -0.1 | -0.1 | 0.0 | 0.2 | 0.1 | -0.3 | 0.1 | 0.0 | 0.3 | 0.7 | -0.1 | 0.0 |
| Percent Difference | -0.2% | -0.2% | 0.1% | 0.4% | 0.1% | -0.7% | 0.3% | 0.0% | 0.5% | 1.3% | -0.3% | -0.1% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.5 | 53.0 | 50.1 | 49.7 | 50.2 | 52.1 | 52.1 | 49.9 | 54.3 | 53.1 | 53.8 | 54.4 |
| WSIP 2030 With Project | 55.7 | 53.6 | 50.8 | 49.7 | 50.4 | 52.2 | 52.0 | 50.1 | 54.3 | 52.9 | 53.5 | 54.2 |
| Difference | 0.2 | 0.6 | 0.7 | 0.0 | 0.2 | 0.2 | -0.1 | 0.1 | 0.0 | -0.2 | -0.3 | -0.2 |
| Percent Difference | 0.4% | 1.2% | 1.3% | 0.0% | 0.4% | 0.3% | -0.2% | 0.3% | 0.1% | -0.3% | -0.6% | -0.4% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

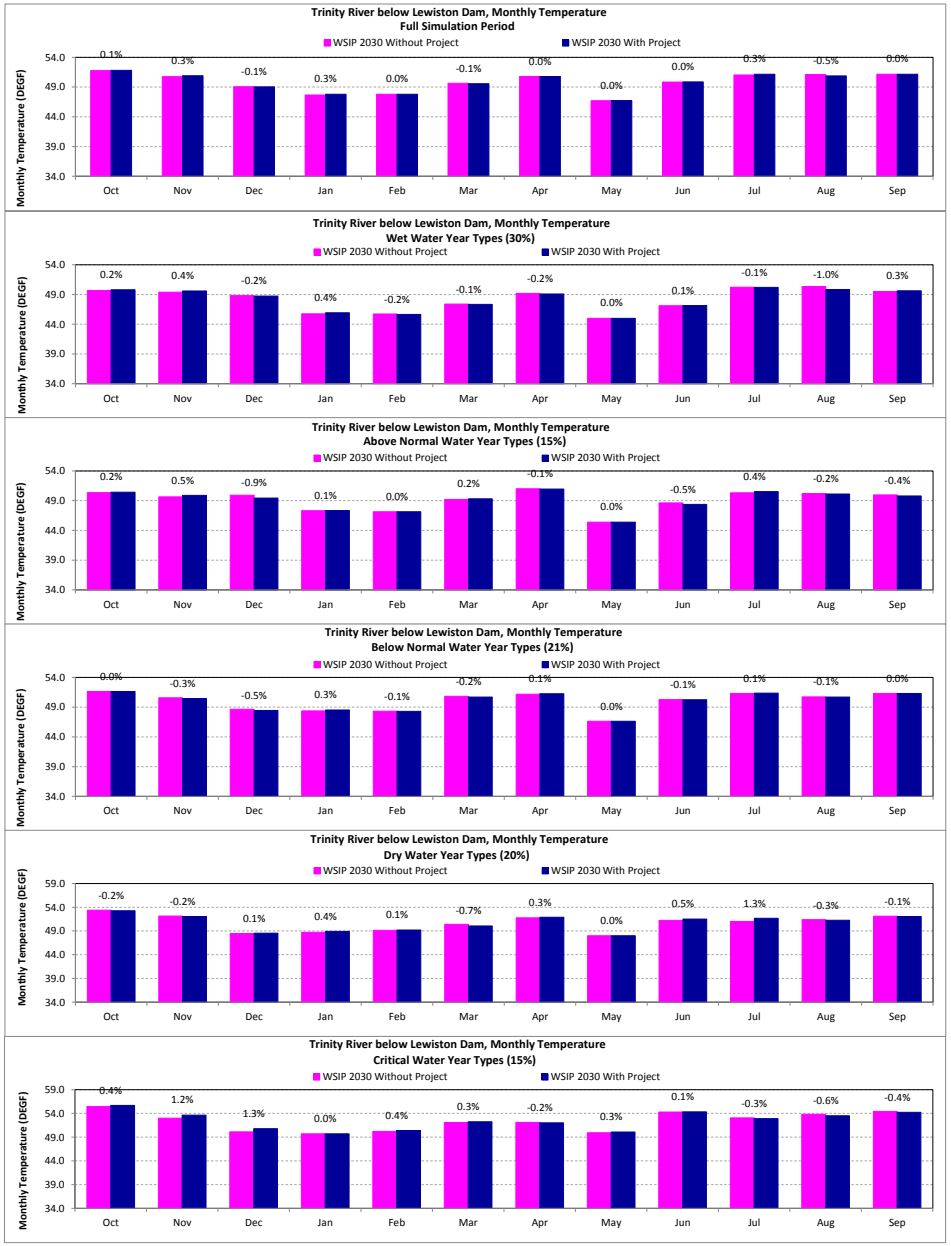


**Table SQ13-1a**
**Clear Creek below Whiskeytown, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 52.1 | 50.6 | 46.9 | 44.8 | 44.7 | 45.6 | 47.0 | 48.2 | 49.8 | 51.6 | 52.4 | 52.1 |
| WSIP 2030 With Project | 52.0 | 50.6 | 46.9 | 44.8 | 44.7 | 45.6 | 47.0 | 48.2 | 49.8 | 51.5 | 52.2 | 52.0 |
| Difference | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.2 | -0.1 |
| Percent Difference[3] | -0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.3% | -0.2% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 50.5 | 49.8 | 46.6 | 44.6 | 44.4 | 45.2 | 46.6 | 48.0 | 49.4 | 51.2 | 51.8 | 51.0 |
| WSIP 2030 With Project | 50.6 | 49.8 | 46.6 | 44.6 | 44.4 | 45.2 | 46.6 | 47.9 | 49.4 | 51.1 | 51.6 | 50.9 |
| Difference | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.2 | -0.1 |
| Percent Difference | 0.0% | 0.1% | 0.0% | 0.0% | -0.1% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.4% | -0.2% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 51.1 | 49.9 | 46.7 | 44.8 | 44.5 | 45.3 | 46.7 | 48.0 | 49.5 | 51.3 | 51.8 | 51.3 |
| WSIP 2030 With Project | 50.9 | 49.8 | 46.7 | 44.8 | 44.5 | 45.2 | 46.6 | 47.9 | 49.4 | 51.3 | 51.6 | 51.1 |
| Difference | -0.2 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 |
| Percent Difference | -0.4% | -0.1% | 0.0% | 0.0% | 0.0% | -0.1% | -0.2% | -0.2% | -0.2% | -0.2% | -0.2% | -0.4% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 52.2 | 50.6 | 46.9 | 44.6 | 44.6 | 45.6 | 46.9 | 47.9 | 49.6 | 51.5 | 52.1 | 51.9 |
| WSIP 2030 With Project | 52.1 | 50.6 | 46.8 | 44.6 | 44.6 | 45.6 | 46.9 | 47.9 | 49.5 | 51.5 | 51.9 | 51.8 |
| Difference | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 |
| Percent Difference | -0.1% | 0.0% | -0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.3% | -0.2% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 53.0 | 51.2 | 47.0 | 44.7 | 44.7 | 45.7 | 47.3 | 48.3 | 49.7 | 51.7 | 52.7 | 52.7 |
| WSIP 2030 With Project | 52.9 | 51.1 | 47.0 | 44.7 | 44.7 | 45.8 | 47.4 | 48.3 | 49.7 | 51.6 | 52.6 | 52.6 |
| Difference | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | -0.2 | -0.1 |
| Percent Difference | -0.2% | -0.1% | 0.0% | 0.1% | 0.0% | 0.1% | 0.3% | 0.0% | 0.0% | -0.1% | -0.3% | -0.2% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.1 | 52.3 | 47.9 | 45.9 | 45.9 | 46.8 | 48.2 | 49.4 | 51.3 | 52.6 | 54.1 | 55.0 |
| WSIP 2030 With Project | 54.9 | 52.2 | 47.9 | 45.9 | 45.9 | 46.7 | 48.1 | 49.4 | 51.3 | 52.6 | 54.0 | 54.8 |
| Difference | -0.2 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | -0.1 | -0.2 |
| Percent Difference | -0.3% | -0.1% | 0.0% | -0.1% | 0.0% | -0.1% | -0.1% | 0.0% | -0.1% | -0.1% | -0.1% | -0.4% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ14-1a**
**Clear Creek at Igo, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 52.7 | 50.8 | 47.1 | 45.0 | 45.2 | 46.4 | 48.0 | 49.3 | 51.7 | 55.3 | 55.5 | 53.6 |
| WSIP 2030 With Project | 52.7 | 50.8 | 47.0 | 45.0 | 45.2 | 46.4 | 48.1 | 49.3 | 51.7 | 55.2 | 55.4 | 53.4 |
| Difference | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 |
| Percent Difference[3] | -0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.2% | -0.2% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 51.2 | 50.0 | 46.7 | 44.8 | 44.9 | 45.9 | 47.5 | 49.0 | 51.1 | 55.0 | 55.1 | 52.4 |
| WSIP 2030 With Project | 51.2 | 50.1 | 46.7 | 44.8 | 44.8 | 45.9 | 47.5 | 49.0 | 51.0 | 54.9 | 54.9 | 52.3 |
| Difference | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.2 | -0.1 |
| Percent Difference | 0.0% | 0.1% | 0.0% | 0.0% | -0.1% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.3% | -0.2% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 51.7 | 50.1 | 46.8 | 45.0 | 44.9 | 46.0 | 47.6 | 49.0 | 51.2 | 55.1 | 54.9 | 52.7 |
| WSIP 2030 With Project | 51.4 | 50.0 | 46.8 | 45.0 | 45.0 | 45.9 | 47.6 | 48.9 | 51.1 | 55.0 | 54.8 | 52.5 |
| Difference | -0.2 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 |
| Percent Difference | -0.4% | -0.1% | 0.0% | 0.0% | 0.0% | -0.1% | -0.2% | -0.2% | -0.2% | -0.1% | -0.2% | -0.3% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 52.7 | 50.8 | 47.0 | 44.8 | 45.0 | 46.4 | 47.9 | 48.9 | 51.4 | 55.2 | 55.2 | 53.3 |
| WSIP 2030 With Project | 52.7 | 50.8 | 46.9 | 44.8 | 45.0 | 46.4 | 48.0 | 48.9 | 51.4 | 55.1 | 55.1 | 53.2 |
| Difference | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 |
| Percent Difference | -0.1% | 0.0% | -0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.2% | -0.2% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 53.6 | 51.4 | 47.2 | 44.8 | 45.1 | 46.5 | 48.3 | 49.3 | 51.6 | 55.3 | 55.8 | 54.0 |
| WSIP 2030 With Project | 53.6 | 51.4 | 47.1 | 44.9 | 45.1 | 46.5 | 48.4 | 49.3 | 51.6 | 55.2 | 55.6 | 53.9 |
| Difference | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | -0.2 | -0.1 |
| Percent Difference | -0.2% | -0.1% | 0.0% | 0.1% | 0.0% | 0.1% | 0.3% | 0.0% | 0.0% | -0.1% | -0.3% | -0.2% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.8 | 52.5 | 48.0 | 46.1 | 46.4 | 47.6 | 49.3 | 50.6 | 54.0 | 56.3 | 57.1 | 56.5 |
| WSIP 2030 With Project | 55.7 | 52.5 | 48.0 | 46.1 | 46.4 | 47.5 | 49.3 | 50.6 | 54.0 | 56.3 | 57.0 | 56.4 |
| Difference | -0.2 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | -0.1 | -0.2 |
| Percent Difference | -0.3% | -0.1% | 0.0% | -0.1% | 0.0% | -0.1% | -0.1% | 0.0% | 0.0% | -0.1% | -0.1% | -0.3% |

1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

**Table SQ15-1a**
**Clear Creek at Mouth, Monthly Temperature**
**Long-term Average and Average by Water Year Type**

| Analysis Period | Monthly Temperature (DEGF) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Long-term** | | | | | | | | | | | | |
| **Full Simulation Period**[1] | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.9 | 55.6 | 52.0 | 48.4 | 47.3 | 48.4 | 49.7 | 51.1 | 51.8 | 53.2 | 54.5 | 54.0 |
| WSIP 2030 With Project | 55.8 | 55.6 | 52.1 | 48.4 | 47.3 | 48.4 | 49.8 | 51.4 | 52.0 | 53.4 | 54.3 | 54.1 |
| Difference | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | 0.3 | 0.2 | -0.3 | 0.0 |
| Percent Difference[3] | 0.0% | 0.0% | 0.1% | -0.1% | -0.1% | 0.0% | 0.2% | 0.7% | 0.5% | 0.3% | -0.5% | 0.0% |
| **Water Year Types**[2] | | | | | | | | | | | | |
| **Wet (30%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.1 | 55.5 | 52.3 | 47.3 | 45.9 | 46.9 | 48.7 | 50.6 | 51.3 | 52.3 | 53.9 | 52.1 |
| WSIP 2030 With Project | 55.1 | 55.5 | 52.3 | 47.2 | 45.8 | 46.9 | 48.8 | 50.9 | 51.4 | 52.7 | 53.8 | 52.5 |
| Difference | 0.1 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 | 0.1 | 0.2 | 0.1 | 0.4 | -0.1 | 0.5 |
| Percent Difference | 0.1% | 0.0% | 0.0% | -0.3% | -0.2% | 0.0% | 0.2% | 0.5% | 0.3% | 0.7% | -0.2% | 0.9% |
| **Above Normal (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.1 | 55.3 | 52.1 | 48.4 | 47.1 | 47.8 | 49.7 | 51.0 | 51.2 | 52.4 | 53.6 | 52.7 |
| WSIP 2030 With Project | 54.9 | 55.2 | 52.0 | 48.4 | 47.0 | 47.7 | 49.8 | 51.4 | 51.6 | 52.5 | 53.4 | 53.2 |
| Difference | -0.1 | 0.0 | -0.1 | 0.0 | -0.1 | -0.1 | 0.1 | 0.4 | 0.4 | 0.1 | -0.2 | 0.5 |
| Percent Difference | -0.2% | -0.1% | -0.2% | 0.0% | -0.2% | -0.1% | 0.3% | 0.7% | 0.8% | 0.2% | -0.3% | 0.9% |
| **Below Normal (21%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.5 | 55.2 | 51.9 | 48.8 | 47.6 | 49.1 | 50.0 | 50.9 | 51.5 | 52.9 | 54.3 | 54.0 |
| WSIP 2030 With Project | 55.6 | 55.3 | 51.9 | 48.9 | 47.6 | 49.1 | 49.9 | 51.2 | 51.9 | 53.2 | 54.1 | 54.0 |
| Difference | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | -0.1 | 0.3 | 0.3 | 0.3 | -0.2 | 0.0 |
| Percent Difference | 0.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | -0.2% | 0.6% | 0.7% | 0.5% | -0.3% | 0.0% |
| **Dry (20%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 55.8 | 55.5 | 51.4 | 49.0 | 48.1 | 49.2 | 50.1 | 51.2 | 52.0 | 53.9 | 54.9 | 55.1 |
| WSIP 2030 With Project | 56.0 | 55.5 | 51.5 | 49.0 | 48.1 | 49.2 | 50.2 | 51.5 | 52.4 | 54.0 | 54.5 | 54.8 |
| Difference | 0.1 | 0.0 | 0.1 | -0.1 | -0.1 | 0.0 | 0.0 | 0.3 | 0.4 | 0.1 | -0.4 | -0.3 |
| Percent Difference | 0.2% | 0.0% | 0.1% | -0.2% | -0.1% | 0.1% | 0.1% | 0.6% | 0.7% | 0.3% | -0.7% | -0.5% |
| **Critical (15%)** | | | | | | | | | | | | |
| WSIP 2030 Without Project | 58.8 | 56.5 | 52.3 | 49.5 | 49.0 | 50.3 | 50.7 | 52.0 | 53.5 | 55.7 | 56.7 | 58.2 |
| WSIP 2030 With Project | 58.4 | 56.5 | 52.6 | 49.6 | 49.1 | 50.3 | 51.1 | 52.9 | 53.6 | 55.4 | 56.0 | 57.3 |
| Difference | -0.4 | -0.1 | 0.3 | 0.1 | 0.1 | 0.0 | 0.3 | 0.8 | 0.1 | -0.2 | -0.8 | -0.9 |
| Percent Difference | -0.8% | -0.1% | 0.6% | 0.2% | 0.2% | 0.0% | 0.7% | 1.6% | 0.1% | -0.4% | -1.4% | -1.6% |

1 Based on the 82-year simulation period

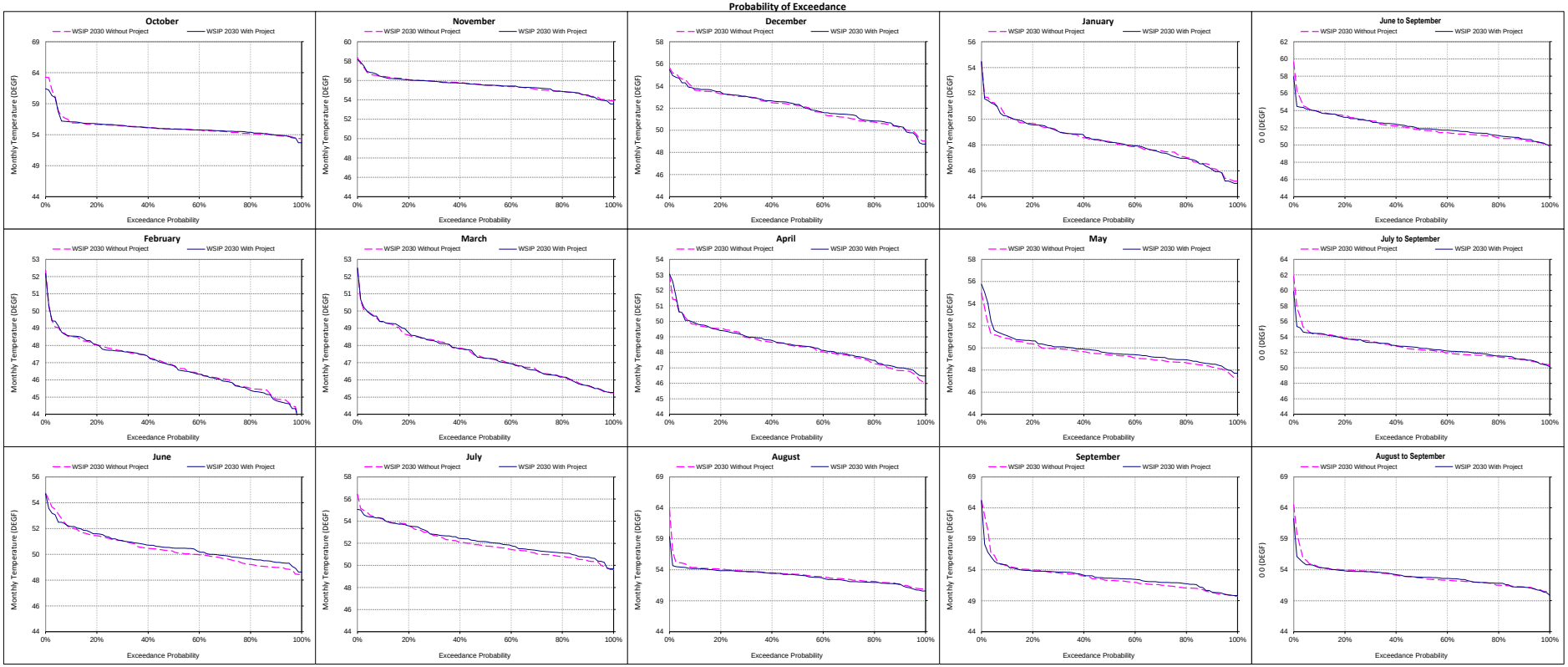
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

# Trinity and Sacramento River Basin Operations

Exceedance Probability Charts and Tables

**Figure SQ2-1b**
**Sacramento River below Keswick, Monthly Temperature**
**Probability of Exceedance**



## Table SQ2-1b

**Sacramento River below Keswick, Monthly Temperature**

**Probability of Exceedance**

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 63.3 | 61.4 | -1.8 | -2.9% | 0.0% | 58.4 | 58.2 | -0.2 | -0.3% | 0.0% | 55.7 | 55.5 | -0.2 | -0.3% | 0.0% | 54.5 | 54.5 | 0.0 | 0.0% |
| 1.2% | 63.2 | 61.2 | -2.0 | -3.2% | 1.2% | 57.7 | 57.9 | 0.1 | 0.2% | 1.2% | 55.2 | 54.9 | -0.2 | -0.4% | 1.2% | 51.7 | 51.6 | -0.1 | -0.2% |
| 2.5% | 61.2 | 60.3 | -0.8 | -1.4% | 2.5% | 57.4 | 57.5 | 0.1 | 0.2% | 2.5% | 55.1 | 54.8 | -0.3 | -0.6% | 2.5% | 51.7 | 51.4 | -0.2 | -0.5% |
| 3.7% | 60.1 | 60.0 | -0.1 | -0.2% | 3.7% | 56.9 | 56.9 | 0.1 | 0.1% | 3.7% | 54.8 | 54.7 | -0.1 | -0.2% | 3.7% | 51.3 | 51.3 | 0.0 | -0.1% |
| 4.9% | 57.8 | 57.6 | -0.2 | -0.4% | 4.9% | 56.6 | 56.8 | 0.2 | 0.4% | 4.9% | 54.6 | 54.3 | -0.3 | -0.6% | 4.9% | 51.3 | 51.2 | -0.1 | -0.3% |
| 6.2% | 57.0 | 56.2 | -0.8 | -1.5% | 6.2% | 56.6 | 56.8 | 0.2 | 0.4% | 6.2% | 54.6 | 54.3 | -0.3 | -0.6% | 6.2% | 51.0 | 51.0 | 0.0 | 0.0% |
| 7.4% | 56.7 | 56.2 | -0.6 | -1.0% | 7.4% | 56.5 | 56.7 | 0.2 | 0.3% | 7.4% | 54.2 | 53.9 | -0.3 | -0.6% | 7.4% | 50.9 | 50.5 | -0.5 | -1.0% |
| 8.6% | 56.5 | 56.1 | -0.4 | -0.7% | 8.6% | 56.4 | 56.5 | 0.0 | 0.0% | 8.6% | 54.0 | 53.8 | -0.1 | -0.3% | 8.6% | 50.5 | 50.3 | -0.3 | -0.5% |
| 9.9% | 55.9 | 56.1 | 0.2 | 0.3% | 9.9% | 56.4 | 56.4 | 0.0 | -0.1% | 9.9% | 53.6 | 53.8 | 0.1 | 0.3% | 9.9% | 50.2 | 50.2 | 0.1 | 0.1% |
| 11.1% | 55.9 | 56.1 | 0.2 | 0.3% | 11.1% | 56.4 | 56.3 | -0.1 | -0.2% | 11.1% | 53.6 | 53.8 | 0.2 | 0.3% | 11.1% | 50.1 | 50.1 | 0.0 | 0.0% |
| 12.3% | 55.9 | 56.0 | 0.1 | 0.2% | 12.3% | 56.3 | 56.2 | -0.1 | -0.2% | 12.3% | 53.5 | 53.7 | 0.1 | 0.3% | 12.3% | 50.0 | 50.0 | 0.0 | 0.0% |
| 13.6% | 55.9 | 56.0 | 0.1 | 0.2% | 13.6% | 56.3 | 56.2 | -0.1 | -0.1% | 13.6% | 53.5 | 53.7 | 0.2 | 0.3% | 13.6% | 50.0 | 50.0 | 0.0 | 0.0% |
| 14.8% | 55.8 | 55.8 | 0.0 | 0.0% | 14.8% | 56.3 | 56.2 | -0.1 | -0.1% | 14.8% | 53.5 | 53.7 | 0.2 | 0.3% | 14.8% | 49.7 | 49.9 | 0.2 | 0.3% |
| 16.0% | 55.7 | 55.8 | 0.2 | 0.3% | 16.0% | 56.2 | 56.2 | -0.1 | -0.1% | 16.0% | 53.5 | 53.7 | 0.2 | 0.3% | 16.0% | 49.7 | 49.8 | 0.1 | 0.3% |
| 17.3% | 55.7 | 55.8 | 0.1 | 0.3% | 17.3% | 56.2 | 56.1 | -0.1 | -0.2% | 17.3% | 53.5 | 53.6 | 0.1 | 0.2% | 17.3% | 49.7 | 49.7 | 0.0 | 0.0% |
| 18.5% | 55.7 | 55.8 | 0.1 | 0.2% | 18.5% | 56.1 | 56.1 | 0.0 | -0.1% | 18.5% | 53.4 | 53.5 | 0.1 | 0.2% | 18.5% | 49.7 | 49.6 | -0.1 | -0.2% |
| 19.8% | 55.6 | 55.8 | 0.1 | 0.3% | 19.8% | 56.1 | 56.1 | 0.0 | 0.0% | 19.8% | 53.3 | 53.5 | 0.2 | 0.4% | 19.8% | 49.7 | 49.6 | -0.1 | -0.2% |
| 21.0% | 55.6 | 55.7 | 0.1 | 0.2% | 21.0% | 56.0 | 56.0 | 0.0 | 0.0% | 21.0% | 53.3 | 53.3 | 0.0 | 0.1% | 21.0% | 49.6 | 49.5 | -0.1 | -0.2% |
| 22.2% | 55.6 | 55.7 | 0.1 | 0.2% | 22.2% | 56.0 | 56.0 | 0.0 | 0.0% | 22.2% | 53.2 | 53.2 | 0.0 | 0.0% | 22.2% | 49.6 | 49.5 | 0.0 | -0.1% |
| 23.5% | 55.6 | 55.7 | 0.1 | 0.2% | 23.5% | 56.0 | 56.0 | 0.0 | 0.0% | 23.5% | 53.2 | 53.2 | 0.0 | 0.0% | 23.5% | 49.4 | 49.5 | 0.1 | 0.2% |
| 24.7% | 55.6 | 55.7 | 0.1 | 0.2% | 24.7% | 56.0 | 56.0 | 0.0 | 0.0% | 24.7% | 53.2 | 53.2 | 0.0 | 0.0% | 24.7% | 49.4 | 49.5 | 0.1 | 0.2% |
| 25.9% | 55.5 | 55.6 | 0.1 | 0.2% | 25.9% | 56.0 | 56.0 | 0.0 | 0.0% | 25.9% | 53.1 | 53.2 | 0.1 | 0.2% | 25.9% | 49.3 | 49.3 | 0.0 | 0.0% |
| 27.2% | 55.5 | 55.5 | 0.0 | 0.0% | 27.2% | 56.0 | 56.0 | 0.0 | -0.1% | 27.2% | 53.1 | 53.2 | 0.1 | 0.2% | 27.2% | 49.3 | 49.3 | 0.0 | 0.1% |
| 28.4% | 55.5 | 55.5 | 0.0 | 0.0% | 28.4% | 55.9 | 56.0 | 0.0 | 0.1% | 28.4% | 53.1 | 53.1 | 0.0 | 0.1% | 28.4% | 49.3 | 49.2 | -0.1 | -0.1% |
| 29.6% | 55.4 | 55.5 | 0.1 | 0.2% | 29.6% | 55.9 | 55.9 | 0.0 | 0.0% | 29.6% | 53.0 | 53.1 | 0.0 | 0.1% | 29.6% | 49.1 | 49.1 | 0.0 | 0.0% |
| 30.9% | 55.4 | 55.5 | 0.1 | 0.1% | 30.9% | 55.9 | 55.9 | 0.0 | 0.0% | 30.9% | 53.0 | 53.0 | 0.0 | 0.0% | 30.9% | 49.0 | 49.0 | 0.0 | -0.1% |
| 32.1% | 55.4 | 55.3 | -0.1 | -0.1% | 32.1% | 55.9 | 55.9 | 0.0 | -0.1% | 32.1% | 53.0 | 52.9 | 0.0 | -0.1% | 32.1% | 48.9 | 49.0 | 0.0 | 0.1% |
| 33.3% | 55.3 | 55.3 | -0.1 | -0.1% | 33.3% | 55.8 | 55.8 | -0.1 | -0.1% | 33.3% | 52.9 | 52.9 | 0.0 | 0.0% | 33.3% | 48.9 | 48.9 | 0.0 | 0.0% |
| 34.6% | 55.3 | 55.2 | -0.1 | -0.2% | 34.6% | 55.8 | 55.8 | -0.1 | -0.1% | 34.6% | 52.9 | 52.9 | 0.0 | -0.1% | 34.6% | 48.8 | 48.9 | 0.0 | 0.1% |
| 35.8% | 55.3 | 55.2 | -0.1 | -0.1% | 35.8% | 55.8 | 55.8 | -0.1 | -0.1% | 35.8% | 52.7 | 52.8 | 0.2 | 0.3% | 35.8% | 48.8 | 48.9 | 0.0 | 0.1% |
| 37.0% | 55.3 | 55.2 | 0.0 | -0.1% | 37.0% | 55.8 | 55.8 | -0.1 | -0.1% | 37.0% | 52.6 | 52.7 | 0.1 | 0.1% | 37.0% | 48.8 | 48.9 | 0.1 | 0.1% |
| 38.3% | 55.2 | 55.2 | -0.1 | -0.1% | 38.3% | 55.8 | 55.8 | -0.1 | -0.1% | 38.3% | 52.6 | 52.7 | 0.1 | 0.1% | 38.3% | 48.7 | 48.9 | 0.2 | 0.4% |
| 39.5% | 55.2 | 55.1 | 0.0 | 0.0% | 39.5% | 55.8 | 55.7 | 0.0 | -0.1% | 39.5% | 52.5 | 52.7 | 0.2 | 0.3% | 39.5% | 48.6 | 48.8 | 0.2 | 0.5% |
| 40.7% | 55.2 | 55.1 | 0.0 | 0.0% | 40.7% | 55.8 | 55.7 | -0.1 | -0.1% | 40.7% | 52.5 | 52.6 | 0.2 | 0.3% | 40.7% | 48.5 | 48.6 | 0.0 | 0.1% |
| 42.0% | 55.1 | 55.1 | -0.1 | -0.1% | 42.0% | 55.7 | 55.7 | 0.0 | 0.0% | 42.0% | 52.5 | 52.6 | 0.1 | 0.3% | 42.0% | 48.5 | 48.6 | 0.1 | 0.2% |
| 43.2% | 55.0 | 55.1 | 0.1 | 0.1% | 43.2% | 55.7 | 55.6 | 0.0 | -0.1% | 43.2% | 52.4 | 52.6 | 0.1 | 0.3% | 43.2% | 48.4 | 48.4 | 0.0 | 0.0% |
| 44.4% | 55.0 | 55.0 | 0.0 | 0.1% | 44.4% | 55.7 | 55.6 | 0.0 | -0.1% | 44.4% | 52.4 | 52.6 | 0.1 | 0.3% | 44.4% | 48.4 | 48.4 | 0.0 | 0.1% |
| 45.7% | 55.0 | 55.0 | 0.0 | 0.0% | 45.7% | 55.6 | 55.6 | 0.0 | -0.1% | 45.7% | 52.4 | 52.5 | 0.1 | 0.3% | 45.7% | 48.4 | 48.4 | 0.0 | 0.1% |
| 46.9% | 55.0 | 55.0 | 0.0 | 0.0% | 46.9% | 55.6 | 55.6 | 0.0 | -0.1% | 46.9% | 52.3 | 52.5 | 0.1 | 0.3% | 46.9% | 48.3 | 48.4 | 0.1 | 0.1% |
| 48.1% | 55.0 | 55.0 | 0.0 | 0.0% | 48.1% | 55.6 | 55.6 | 0.0 | 0.0% | 48.1% | 52.3 | 52.4 | 0.1 | 0.2% | 48.1% | 48.3 | 48.3 | 0.0 | 0.0% |
| 49.4% | 54.9 | 54.9 | 0.0 | 0.0% | 49.4% | 55.5 | 55.5 | 0.0 | 0.0% | 49.4% | 52.3 | 52.3 | 0.1 | 0.1% | 49.4% | 48.3 | 48.2 | -0.1 | -0.2% |
| 50.6% | 54.9 | 54.9 | 0.0 | -0.1% | 50.6% | 55.5 | 55.5 | 0.0 | 0.0% | 50.6% | 52.2 | 52.3 | 0.1 | 0.2% | 50.6% | 48.2 | 48.2 | 0.0 | -0.1% |
| 51.9% | 54.9 | 54.9 | -0.1 | -0.1% | 51.9% | 55.5 | 55.5 | 0.0 | 0.0% | 51.9% | 52.2 | 52.1 | 0.0 | -0.1% | 51.9% | 48.2 | 48.2 | 0.0 | 0.0% |
| 53.1% | 54.9 | 54.9 | -0.1 | -0.1% | 53.1% | 55.5 | 55.5 | 0.0 | 0.0% | 53.1% | 52.1 | 52.0 | -0.1 | -0.2% | 53.1% | 48.1 | 48.2 | 0.1 | 0.2% |
| 54.3% | 54.9 | 54.8 | 0.0 | -0.1% | 54.3% | 55.5 | 55.5 | 0.0 | 0.0% | 54.3% | 52.0 | 51.9 | -0.1 | -0.2% | 54.3% | 48.0 | 48.1 | 0.1 | 0.2% |
| 55.6% | 54.9 | 54.8 | -0.1 | -0.1% | 55.6% | 55.4 | 55.5 | 0.0 | 0.1% | 55.6% | 51.8 | 51.8 | 0.0 | 0.1% | 55.6% | 48.0 | 48.1 | 0.1 | 0.2% |
| 56.8% | 54.9 | 54.8 | -0.1 | -0.1% | 56.8% | 55.4 | 55.4 | 0.0 | 0.1% | 56.8% | 51.7 | 51.8 | 0.1 | 0.2% | 56.8% | 48.0 | 48.0 | 0.0 | 0.1% |
| 58.0% | 54.8 | 54.8 | 0.0 | 0.0% | 58.0% | 55.4 | 55.4 | 0.1 | 0.1% | 58.0% | 51.7 | 51.7 | 0.1 | 0.2% | 58.0% | 47.9 | 48.0 | 0.1 | 0.2% |
| 59.3% | 54.8 | 54.8 | 0.0 | 0.0% | 59.3% | 55.4 | 55.4 | 0.1 | 0.1% | 59.3% | 51.6 | 51.7 | 0.0 | 0.0% | 59.3% | 47.9 | 48.0 | 0.1 | 0.2% |
| 60.5% | 54.7 | 54.8 | 0.0 | 0.1% | 60.5% | 55.4 | 55.4 | 0.0 | 0.1% | 60.5% | 51.4 | 51.6 | 0.2 | 0.3% | 60.5% | 47.9 | 47.9 | 0.1 | 0.2% |
| 61.7% | 54.7 | 54.7 | 0.0 | 0.1% | 61.7% | 55.4 | 55.4 | 0.1 | 0.1% | 61.7% | 51.3 | 51.6 | 0.3 | 0.5% | 61.7% | 47.8 | 47.9 | 0.1 | 0.1% |
| 63.0% | 54.7 | 54.7 | 0.1 | 0.1% | 63.0% | 55.3 | 55.3 | 0.0 | 0.0% | 63.0% | 51.3 | 51.5 | 0.2 | 0.4% | 63.0% | 47.7 | 47.8 | 0.1 | 0.3% |
| 64.2% | 54.6 | 54.7 | 0.1 | 0.1% | 64.2% | 55.3 | 55.3 | 0.0 | 0.0% | 64.2% | 51.3 | 51.5 | 0.2 | 0.4% | 64.2% | 47.6 | 47.7 | 0.1 | 0.2% |
| 65.4% | 54.6 | 54.7 | 0.1 | 0.1% | 65.4% | 55.3 | 55.3 | 0.0 | 0.1% | 65.4% | 51.2 | 51.5 | 0.2 | 0.4% | 65.4% | 47.6 | 47.7 | 0.0 | 0.1% |
| 66.7% | 54.6 | 54.7 | 0.1 | 0.2% | 66.7% | 55.2 | 55.3 | 0.1 | 0.2% | 66.7% | 51.2 | 51.5 | 0.3 | 0.5% | 66.7% | 47.6 | 47.6 | 0.0 | 0.0% |
| 67.9% | 54.6 | 54.6 | 0.1 | 0.1% | 67.9% | 55.2 | 55.3 | 0.1 | 0.1% | 67.9% | 51.2 | 51.5 | 0.3 | 0.5% | 67.9% | 47.6 | 47.6 | 0.0 | -0.1% |
| 69.1% | 54.5 | 54.6 | 0.1 | 0.2% | 69.1% | 55.1 | 55.3 | 0.1 | 0.3% | 69.1% | 51.2 | 51.4 | 0.3 | 0.6% | 69.1% | 47.6 | 47.5 | -0.1 | -0.2% |
| 70.4% | 54.5 | 54.6 | 0.1 | 0.1% | 70.4% | 55.0 | 55.2 | 0.2 | 0.4% | 70.4% | 51.1 | 51.4 | 0.3 | 0.6% | 70.4% | 47.6 | 47.4 | -0.1 | -0.3% |
| 71.6% | 54.4 | 54.6 | 0.1 | 0.2% | 71.6% | 55.0 | 55.2 | 0.2 | 0.3% | 71.6% | 51.0 | 51.4 | 0.4 | 0.7% | 71.6% | 47.5 | 47.4 | -0.1 | -0.2% |
| 72.8% | 54.4 | 54.6 | 0.2 | 0.3% | 72.8% | 55.0 | 55.2 | 0.2 | 0.3% | 72.8% | 51.0 | 51.3 | 0.3 | 0.6% | 72.8% | 47.5 | 47.3 | -0.2 | -0.3% |
| 74.1% | 54.4 | 54.5 | 0.2 | 0.3% | 74.1% | 55.0 | 55.2 | 0.2 | 0.3% | 74.1% | 50.9 | 51.0 | 0.2 | 0.4% | 74.1% | 47.5 | 47.2 | -0.3 | -0.6% |
| 75.3% | 54.3 | 54.5 | 0.2 | 0.3% | 75.3% | 55.0 | 55.1 | 0.2 | 0.3% | 75.3% | 50.8 | 51.0 | 0.1 | 0.2% | 75.3% | 47.5 | 47.1 | -0.3 | -0.7% |
| 76.5% | 54.2 | 54.5 | 0.3 | 0.5% | 76.5% | 55.0 | 54.9 | -0.1 | -0.1% | 76.5% | 50.8 | 50.9 | 0.1 | 0.2% | 76.5% | 47.3 | 47.0 | -0.2 | -0.5% |
| 77.8% | 54.2 | 54.5 | 0.3 | 0.5% | 77.8% | 54.9 | 54.9 | 0.0 | 0.0% | 77.8% | 50.8 | 50.9 | 0.1 | 0.2% | 77.8% | 47.1 | 47.0 | -0.1 | -0.3% |
| 79.0% | 54.2 | 54.4 | 0.2 | 0.4% | 79.0% | 54.9 | 54.9 | 0.0 | 0.0% | 79.0% | 50.8 | 50.8 | 0.1 | 0.2% | 79.0% | 47.1 | 47.0 | -0.1 | -0.3% |
| 80.2% | 54.2 | 54.4 | 0.2 | 0.4% | 80.2% | 54.9 | 54.8 | 0.0 | 0.0% | 80.2% | 50.7 | 50.8 | 0.1 | 0.2% | 80.2% | 47.0 | 47.0 | 0.0 | -0.1% |
| 81.5% | 54.1 | 54.3 | 0.1 | 0.2% | 81.5% | 54.8 | 54.8 | 0.0 | 0.0% | 81.5% | 50.7 | 50.8 | 0.1 | 0.3% | 81.5% | 47.0 | 46.9 | -0.1 | -0.2% |
| 82.7% | 54.1 | 54.3 | 0.1 | 0.2% | 82.7% | 54.8 | 54.8 | 0.0 | 0.0% | 82.7% | 50.6 | 50.8 | 0.2 | 0.4% | 82.7% | 46.7 | 46.8 | 0.2 | 0.3% |
| 84.0% | 54.1 | 54.2 | 0.1 | 0.3% | 84.0% | 54.7 | 54.8 | 0.0 | 0.1% | 84.0% | 50.6 | 50.7 | 0.2 | 0.3% | 84.0% | 46.7 | 46.8 | 0.1 | 0.2% |
| 85.2% | 54.1 | 54.2 | 0.1 | 0.1% | 85.2% | 54.7 | 54.7 | 0.0 | 0.1% | 85.2% | 50.5 | 50.7 | 0.1 | 0.3% | 85.2% | 46.7 | 46.5 | -0.1 | -0.3% |
| 86.4% | 54.1 | 54.2 | 0.1 | 0.1% | 86.4% | 54.7 | 54.7 | 0.0 | 0.1% | 86.4% | 50.5 | 50.7 | 0.1 | 0.3% | 86.4% | 46.6 | 46.5 | 0.0 | -0.1% |
| 87.7% | 54.0 | 54.1 | 0.0 | 0.0% | 87.7% | 54.6 | 54.6 | 0.0 | 0.0% | 87.7% | 50.4 | 50.4 | 0.1 | 0.1% | 87.7% | 46.6 | 46.4 | -0.2 | -0.4% |
| 88.9% | 53.9 | 54.0 | 0.1 | 0.2% | 88.9% | 54.5 | 54.5 | 0.0 | 0.1% | 88.9% | 50.3 | 50.4 | 0.0 | 0.0% | 88.9% | 46.5 | 46.3 | -0.2 | -0.5% |
| 90.1% | 53.9 | 53.9 | 0.0 | 0.1% | 90.1% | 54.4 | 54.5 | 0.1 | 0.2% | 90.1% | 50.2 | 50.3 | 0.1 | 0.3% | 90.1% | 46.2 | 46.1 | -0.1 | -0.2% |
| 91.4% | 53.8 | 53.9 | 0.1 | 0.2% | 91.4% | 54.4 | 54.3 | -0.1 | -0.1% | 91.4% | 50.2 | 50.3 | 0.1 | 0.2% | 91.4% | 46.2 | 45.9 | -0.2 | -0.4% |
| 92.6% | 53.8 | 53.9 | 0.1 | 0.1% | 92.6% | 54.3 | 54.3 | -0.1 | -0.1% | 92.6% | 50.0 | 49.8 | -0.2 | -0.3% | 92.6% | 46.0 | 45.9 | -0.1 | -0.1% |
| 93.8% | 53.8 | 53.8 | 0.0 | 0.1% | 93.8% | 54.3 | 54.0 | -0.2 | -0.4% | 93.8% | 50.0 | 49.8 | -0.2 | -0.4% | 93.8% | 45.9 | 45.9 | 0.0 | 0.0% |
| 95.1% | 53.7 | 53.7 | 0.0 | -0.1% | 95.1% | 54.0 | 54.0 | -0.1 | -0.1% | 95.1% | 49.9 | 49.8 | -0.2 | -0.4% | 95.1% | 45.4 | 45.2 | -0.2 | -0.5% |
| 96.3% | 53.7 | 53.5 | -0.2 | -0.3% | 96.3% | 54.0 | 53.9 | -0.1 | -0.2% | 96.3% | 49.7 | 49.5 | -0.2 | -0.4% | 96.3% | 45.4 | 45.2 | -0.2 | -0.4% |
| 97.5% | 53.4 | 53.5 | 0.1 | 0.1% | 97.5% | 54.0 | 53.9 | -0.1 | -0.2% | 97.5% | 49.3 | 48.9 | -0.4 | -0.8% | 97.5% | 45.3 | 45.1 | -0.2 | -0.3% |
| 98.8% | 53.4 | 52.7 | -0.7 | -1.3% | 98.8% | 53.9 | 53.6 | -0.3 | -0.6% | 98.8% | 49.0 | 48.7 | -0.3 | -0.6% | 98.8% | 45.2 | 45.0 | -0.2 | -0.4% |
| 100.0% | 53.4 | 52.7 | 0.0 | -1.3% | 100.0% | 53.9 | 53.6 | -0.3 | -0.6% | 100.0% | 49.0 | 48.7 | -0.3 | -0.6% | 100.0% | 45.2 | 45.0 | -0.2 | -0.4% |

## Table SQ2-1b

**Sacramento River below Keswick, Monthly Temperature**

**Probability of Exceedance**

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 52.4 | 52.2 | -0.2 | -0.3% | 0.0% | 52.4 | 52.5 | 0.1 | 0.1% | 0.0% | 53.0 | 53.1 | 0.0 | 0.0% | 0.0% | 55.0 | 55.8 | 0.8 | 1.5% |
| 1.2% | 50.2 | 50.4 | 0.1 | 0.2% | 1.2% | 50.6 | 50.7 | 0.0 | 0.1% | 1.2% | 51.4 | 52.6 | 1.2 | 2.3% | 1.2% | 53.6 | 55.0 | 1.4 | 2.7% |
| 2.5% | 49.4 | 49.4 | 0.0 | 0.0% | 2.5% | 50.1 | 50.2 | 0.1 | 0.3% | 2.5% | 51.4 | 51.6 | 0.2 | 0.5% | 2.5% | 52.2 | 54.1 | 1.9 | 3.6% |
| 3.7% | 49.1 | 49.4 | 0.3 | 0.7% | 3.7% | 50.0 | 50.0 | 0.1 | 0.1% | 3.7% | 50.6 | 50.6 | 0.0 | 0.0% | 3.7% | 51.2 | 52.4 | 1.2 | 2.3% |
| 4.9% | 49.0 | 49.1 | 0.1 | 0.2% | 4.9% | 49.9 | 49.8 | -0.1 | -0.1% | 4.9% | 50.6 | 50.6 | 0.0 | 0.0% | 4.9% | 51.2 | 51.6 | 0.4 | 0.8% |
| 6.2% | 48.7 | 48.8 | 0.0 | 0.1% | 6.2% | 49.7 | 49.7 | 0.0 | -0.1% | 6.2% | 50.2 | 50.1 | -0.2 | -0.4% | 6.2% | 51.1 | 51.5 | 0.3 | 0.7% |
| 7.4% | 48.7 | 48.6 | -0.1 | -0.1% | 7.4% | 49.6 | 49.7 | 0.1 | 0.2% | 7.4% | 50.0 | 50.1 | 0.0 | 0.0% | 7.4% | 51.0 | 51.3 | 0.3 | 0.6% |
| 8.6% | 48.5 | 48.6 | 0.0 | 0.1% | 8.6% | 49.4 | 49.4 | 0.0 | 0.0% | 8.6% | 49.8 | 50.0 | 0.1 | 0.3% | 8.6% | 50.9 | 51.2 | 0.3 | 0.7% |
| 9.9% | 48.5 | 48.5 | 0.0 | 0.1% | 9.9% | 49.4 | 49.4 | 0.0 | 0.1% | 9.9% | 49.8 | 49.9 | 0.1 | 0.2% | 9.9% | 50.9 | 51.1 | 0.3 | 0.5% |
| 11.1% | 48.5 | 48.5 | 0.0 | 0.1% | 11.1% | 49.3 | 49.3 | 0.0 | 0.0% | 11.1% | 49.7 | 49.8 | 0.1 | 0.2% | 11.1% | 50.8 | 51.0 | 0.2 | 0.4% |
| 12.3% | 48.5 | 48.5 | 0.0 | 0.1% | 12.3% | 49.3 | 49.3 | 0.0 | 0.0% | 12.3% | 49.7 | 49.8 | 0.1 | 0.2% | 12.3% | 50.6 | 50.9 | 0.2 | 0.4% |
| 13.6% | 48.3 | 48.5 | 0.2 | 0.3% | 13.6% | 49.2 | 49.3 | 0.0 | 0.1% | 13.6% | 49.7 | 49.8 | 0.1 | 0.2% | 13.6% | 50.6 | 50.8 | 0.1 | 0.3% |
| 14.8% | 48.3 | 48.4 | 0.2 | 0.3% | 14.8% | 49.1 | 49.3 | 0.2 | 0.4% | 14.8% | 49.6 | 49.7 | 0.1 | 0.1% | 14.8% | 50.6 | 50.7 | 0.1 | 0.3% |
| 16.0% | 48.2 | 48.3 | 0.0 | 0.1% | 16.0% | 49.1 | 49.1 | 0.1 | 0.2% | 16.0% | 49.6 | 49.6 | 0.0 | 0.1% | 16.0% | 50.5 | 50.7 | 0.2 | 0.3% |
| 17.3% | 48.2 | 48.3 | 0.1 | 0.2% | 17.3% | 48.8 | 49.0 | 0.2 | 0.5% | 17.3% | 49.6 | 49.5 | 0.0 | -0.1% | 17.3% | 50.4 | 50.7 | 0.2 | 0.5% |
| 18.5% | 48.1 | 48.1 | 0.1 | 0.1% | 18.5% | 48.7 | 49.0 | 0.3 | 0.7% | 18.5% | 49.5 | 49.5 | -0.1 | -0.1% | 18.5% | 50.4 | 50.7 | 0.3 | 0.6% |
| 19.8% | 48.1 | 48.0 | 0.0 | 0.0% | 19.8% | 48.6 | 48.8 | 0.2 | 0.4% | 19.8% | 49.5 | 49.4 | -0.1 | -0.2% | 19.8% | 50.4 | 50.6 | 0.3 | 0.5% |
| 21.0% | 48.0 | 48.0 | 0.0 | -0.1% | 21.0% | 48.5 | 48.6 | 0.1 | 0.1% | 21.0% | 49.5 | 49.4 | -0.1 | -0.3% | 21.0% | 50.3 | 50.6 | 0.3 | 0.6% |
| 22.2% | 48.0 | 47.8 | -0.2 | -0.4% | 22.2% | 48.5 | 48.6 | 0.1 | 0.1% | 22.2% | 49.4 | 49.4 | -0.1 | -0.2% | 22.2% | 50.2 | 50.4 | 0.2 | 0.3% |
| 23.5% | 47.9 | 47.7 | -0.2 | -0.3% | 23.5% | 48.5 | 48.5 | 0.0 | 0.1% | 23.5% | 49.4 | 49.3 | -0.1 | -0.2% | 23.5% | 50.0 | 50.4 | 0.4 | 0.7% |
| 24.7% | 47.8 | 47.7 | -0.1 | -0.2% | 24.7% | 48.5 | 48.4 | 0.0 | -0.1% | 24.7% | 49.4 | 49.2 | -0.1 | -0.2% | 24.7% | 50.0 | 50.3 | 0.3 | 0.7% |
| 25.9% | 47.8 | 47.7 | -0.1 | -0.2% | 25.9% | 48.4 | 48.4 | 0.1 | 0.1% | 25.9% | 49.3 | 49.2 | -0.1 | -0.2% | 25.9% | 50.0 | 50.2 | 0.3 | 0.5% |
| 27.2% | 47.8 | 47.7 | -0.1 | -0.2% | 27.2% | 48.4 | 48.3 | 0.0 | -0.1% | 27.2% | 49.3 | 49.2 | -0.1 | -0.2% | 27.2% | 49.9 | 50.2 | 0.2 | 0.5% |
| 28.4% | 47.7 | 47.7 | 0.0 | -0.1% | 28.4% | 48.4 | 48.3 | -0.1 | -0.1% | 28.4% | 49.0 | 49.1 | 0.1 | 0.2% | 28.4% | 49.9 | 50.1 | 0.2 | 0.4% |
| 29.6% | 47.7 | 47.7 | 0.0 | -0.1% | 29.6% | 48.3 | 48.3 | 0.0 | -0.1% | 29.6% | 49.0 | 49.1 | 0.1 | 0.2% | 29.6% | 49.9 | 50.1 | 0.2 | 0.4% |
| 30.9% | 47.6 | 47.6 | 0.0 | 0.0% | 30.9% | 48.3 | 48.2 | -0.1 | -0.2% | 30.9% | 49.0 | 49.0 | 0.0 | 0.1% | 30.9% | 49.9 | 50.1 | 0.2 | 0.4% |
| 32.1% | 47.6 | 47.6 | 0.0 | 0.0% | 32.1% | 48.2 | 48.1 | -0.1 | -0.2% | 32.1% | 48.9 | 49.0 | 0.1 | 0.1% | 32.1% | 49.9 | 50.1 | 0.2 | 0.4% |
| 33.3% | 47.6 | 47.6 | 0.1 | 0.1% | 33.3% | 48.2 | 48.1 | -0.1 | -0.2% | 33.3% | 48.9 | 49.0 | 0.1 | 0.1% | 33.3% | 49.9 | 50.0 | 0.2 | 0.4% |
| 34.6% | 47.5 | 47.6 | 0.1 | 0.1% | 34.6% | 48.1 | 48.1 | -0.1 | -0.1% | 34.6% | 48.8 | 48.9 | 0.1 | 0.3% | 34.6% | 49.8 | 50.0 | 0.2 | 0.4% |
| 35.8% | 47.5 | 47.6 | 0.0 | 0.1% | 35.8% | 48.0 | 48.1 | 0.0 | 0.1% | 35.8% | 48.7 | 48.9 | 0.2 | 0.4% | 35.8% | 49.8 | 50.0 | 0.2 | 0.5% |
| 37.0% | 47.5 | 47.5 | 0.0 | 0.0% | 37.0% | 47.9 | 47.9 | 0.0 | 0.0% | 37.0% | 48.7 | 48.8 | 0.1 | 0.2% | 37.0% | 49.7 | 49.9 | 0.2 | 0.4% |
| 38.3% | 47.5 | 47.5 | 0.0 | 0.0% | 38.3% | 47.8 | 47.9 | 0.0 | 0.1% | 38.3% | 48.7 | 48.8 | 0.1 | 0.2% | 38.3% | 49.7 | 49.9 | 0.2 | 0.4% |
| 39.5% | 47.4 | 47.4 | 0.0 | 0.0% | 39.5% | 47.8 | 47.8 | 0.0 | -0.1% | 39.5% | 48.7 | 48.8 | 0.1 | 0.3% | 39.5% | 49.7 | 49.9 | 0.2 | 0.5% |
| 40.7% | 47.3 | 47.2 | 0.0 | 0.0% | 40.7% | 47.8 | 47.8 | 0.0 | -0.1% | 40.7% | 48.6 | 48.7 | 0.1 | 0.2% | 40.7% | 49.6 | 49.9 | 0.2 | 0.5% |
| 42.0% | 47.2 | 47.2 | -0.1 | -0.1% | 42.0% | 47.8 | 47.8 | 0.0 | 0.0% | 42.0% | 48.6 | 48.6 | 0.0 | 0.0% | 42.0% | 49.6 | 49.9 | 0.3 | 0.6% |
| 43.2% | 47.1 | 47.1 | 0.0 | 0.0% | 43.2% | 47.7 | 47.7 | 0.0 | 0.0% | 43.2% | 48.6 | 48.6 | 0.0 | 0.0% | 43.2% | 49.5 | 49.8 | 0.3 | 0.6% |
| 44.4% | 47.1 | 47.0 | -0.1 | -0.2% | 44.4% | 47.6 | 47.7 | 0.1 | 0.3% | 44.4% | 48.6 | 48.6 | 0.0 | 0.0% | 44.4% | 49.5 | 49.8 | 0.3 | 0.6% |
| 45.7% | 47.0 | 47.0 | -0.1 | -0.1% | 45.7% | 47.4 | 47.5 | 0.0 | 0.1% | 45.7% | 48.5 | 48.5 | 0.0 | 0.0% | 45.7% | 49.5 | 49.7 | 0.3 | 0.5% |
| 46.9% | 47.0 | 46.9 | 0.0 | -0.1% | 46.9% | 47.4 | 47.3 | -0.1 | -0.3% | 46.9% | 48.5 | 48.5 | 0.1 | 0.2% | 46.9% | 49.5 | 49.6 | 0.2 | 0.3% |
| 48.1% | 46.9 | 46.9 | 0.0 | -0.1% | 48.1% | 47.4 | 47.3 | 0.0 | -0.1% | 48.1% | 48.4 | 48.5 | 0.1 | 0.1% | 48.1% | 49.4 | 49.6 | 0.2 | 0.4% |
| 49.4% | 46.9 | 46.9 | 0.0 | -0.1% | 49.4% | 47.3 | 47.3 | 0.0 | 0.0% | 49.4% | 48.4 | 48.4 | 0.1 | 0.1% | 49.4% | 49.4 | 49.5 | 0.2 | 0.3% |
| 50.6% | 46.7 | 46.8 | 0.1 | 0.1% | 50.6% | 47.2 | 47.3 | 0.0 | 0.0% | 50.6% | 48.4 | 48.4 | 0.1 | 0.1% | 50.6% | 49.4 | 49.5 | 0.2 | 0.3% |
| 51.9% | 46.7 | 46.6 | -0.1 | -0.3% | 51.9% | 47.2 | 47.2 | 0.0 | 0.0% | 51.9% | 48.4 | 48.4 | 0.1 | 0.1% | 51.9% | 49.3 | 49.5 | 0.1 | 0.3% |
| 53.1% | 46.7 | 46.5 | -0.1 | -0.2% | 53.1% | 47.2 | 47.2 | 0.0 | 0.1% | 53.1% | 48.4 | 48.4 | 0.0 | 0.1% | 53.1% | 49.3 | 49.5 | 0.1 | 0.3% |
| 54.3% | 46.6 | 46.5 | -0.1 | -0.3% | 54.3% | 47.2 | 47.1 | 0.0 | -0.1% | 54.3% | 48.3 | 48.4 | 0.0 | 0.1% | 54.3% | 49.3 | 49.4 | 0.2 | 0.3% |
| 55.6% | 46.5 | 46.5 | 0.0 | 0.0% | 55.6% | 47.1 | 47.1 | -0.1 | -0.2% | 55.6% | 48.3 | 48.3 | 0.0 | 0.0% | 55.6% | 49.3 | 49.4 | 0.1 | 0.3% |
| 56.8% | 46.4 | 46.4 | 0.0 | 0.0% | 56.8% | 47.1 | 47.0 | -0.1 | -0.2% | 56.8% | 48.2 | 48.3 | 0.1 | 0.1% | 56.8% | 49.3 | 49.4 | 0.2 | 0.3% |
| 58.0% | 46.4 | 46.4 | 0.0 | -0.1% | 58.0% | 47.0 | 47.0 | 0.0 | -0.1% | 58.0% | 48.0 | 48.3 | 0.2 | 0.4% | 58.0% | 49.2 | 49.4 | 0.2 | 0.3% |
| 59.3% | 46.4 | 46.3 | -0.1 | -0.1% | 59.3% | 47.0 | 47.0 | 0.0 | -0.1% | 59.3% | 48.0 | 48.1 | 0.1 | 0.2% | 59.3% | 49.1 | 49.4 | 0.3 | 0.6% |
| 60.5% | 46.4 | 46.3 | 0.0 | -0.1% | 60.5% | 46.9 | 46.9 | 0.0 | 0.0% | 60.5% | 48.0 | 48.1 | 0.1 | 0.2% | 60.5% | 49.1 | 49.4 | 0.3 | 0.6% |
| 61.7% | 46.2 | 46.2 | 0.0 | 0.0% | 61.7% | 46.9 | 46.8 | -0.1 | -0.1% | 61.7% | 48.0 | 48.1 | 0.1 | 0.2% | 61.7% | 49.0 | 49.3 | 0.3 | 0.6% |
| 63.0% | 46.2 | 46.2 | 0.0 | 0.0% | 63.0% | 46.8 | 46.8 | 0.0 | 0.1% | 63.0% | 47.9 | 48.1 | 0.1 | 0.2% | 63.0% | 49.0 | 49.3 | 0.3 | 0.6% |
| 64.2% | 46.2 | 46.1 | -0.1 | -0.1% | 64.2% | 46.8 | 46.8 | 0.0 | 0.1% | 64.2% | 47.9 | 48.0 | 0.1 | 0.2% | 64.2% | 49.0 | 49.3 | 0.3 | 0.6% |
| 65.4% | 46.1 | 46.1 | 0.0 | 0.0% | 65.4% | 46.7 | 46.7 | -0.1 | -0.1% | 65.4% | 47.9 | 47.9 | 0.1 | 0.1% | 65.4% | 49.0 | 49.2 | 0.3 | 0.5% |
| 66.7% | 46.1 | 46.1 | -0.1 | -0.2% | 66.7% | 46.7 | 46.6 | -0.1 | -0.2% | 66.7% | 47.8 | 47.9 | 0.1 | 0.2% | 66.7% | 49.0 | 49.2 | 0.2 | 0.4% |
| 67.9% | 46.1 | 46.0 | 0.0 | 0.0% | 67.9% | 46.7 | 46.6 | -0.1 | -0.3% | 67.9% | 47.8 | 47.9 | 0.1 | 0.2% | 67.9% | 48.9 | 49.2 | 0.3 | 0.6% |
| 69.1% | 46.1 | 45.9 | -0.1 | -0.3% | 69.1% | 46.7 | 46.6 | -0.1 | -0.2% | 69.1% | 47.8 | 47.9 | 0.1 | 0.1% | 69.1% | 48.9 | 49.1 | 0.3 | 0.5% |
| 70.4% | 46.0 | 45.9 | -0.1 | -0.3% | 70.4% | 46.5 | 46.5 | 0.1 | 0.1% | 70.4% | 47.8 | 47.8 | 0.1 | 0.1% | 70.4% | 48.9 | 49.1 | 0.2 | 0.5% |
| 71.6% | 46.0 | 45.9 | -0.1 | -0.3% | 71.6% | 46.4 | 46.4 | 0.0 | 0.1% | 71.6% | 47.7 | 47.8 | 0.1 | 0.2% | 71.6% | 48.8 | 49.1 | 0.3 | 0.6% |
| 72.8% | 45.8 | 45.8 | 0.0 | 0.0% | 72.8% | 46.4 | 46.3 | 0.0 | -0.1% | 72.8% | 47.6 | 47.7 | 0.1 | 0.2% | 72.8% | 48.8 | 49.0 | 0.3 | 0.5% |
| 74.1% | 45.7 | 45.6 | 0.0 | -0.1% | 74.1% | 46.4 | 46.3 | 0.0 | -0.1% | 74.1% | 47.6 | 47.7 | 0.1 | 0.2% | 74.1% | 48.8 | 49.0 | 0.2 | 0.5% |
| 75.3% | 45.7 | 45.6 | 0.0 | -0.1% | 75.3% | 46.3 | 46.3 | 0.0 | -0.1% | 75.3% | 47.6 | 47.7 | 0.1 | 0.3% | 75.3% | 48.7 | 49.0 | 0.2 | 0.5% |
| 76.5% | 45.6 | 45.6 | 0.0 | -0.1% | 76.5% | 46.3 | 46.3 | 0.0 | 0.0% | 76.5% | 47.5 | 47.6 | 0.1 | 0.2% | 76.5% | 48.7 | 49.0 | 0.2 | 0.5% |
| 77.8% | 45.6 | 45.6 | 0.0 | -0.1% | 77.8% | 46.3 | 46.3 | 0.0 | 0.0% | 77.8% | 47.5 | 47.6 | 0.1 | 0.2% | 77.8% | 48.7 | 48.9 | 0.2 | 0.5% |
| 79.0% | 45.6 | 45.5 | -0.1 | -0.2% | 79.0% | 46.2 | 46.2 | 0.0 | -0.1% | 79.0% | 47.3 | 47.5 | 0.2 | 0.3% | 79.0% | 48.7 | 48.9 | 0.2 | 0.5% |
| 80.2% | 45.5 | 45.4 | -0.1 | -0.3% | 80.2% | 46.2 | 46.2 | 0.0 | -0.1% | 80.2% | 47.3 | 47.5 | 0.2 | 0.5% | 80.2% | 48.6 | 48.9 | 0.3 | 0.6% |
| 81.5% | 45.5 | 45.3 | -0.1 | -0.3% | 81.5% | 46.1 | 46.1 | 0.1 | 0.1% | 81.5% | 47.2 | 47.3 | 0.1 | 0.1% | 81.5% | 48.6 | 48.9 | 0.3 | 0.6% |
| 82.7% | 45.5 | 45.3 | -0.1 | -0.3% | 82.7% | 46.0 | 46.1 | 0.0 | 0.1% | 82.7% | 47.2 | 47.3 | 0.1 | 0.2% | 82.7% | 48.6 | 48.8 | 0.2 | 0.5% |
| 84.0% | 45.5 | 45.3 | -0.2 | -0.4% | 84.0% | 46.0 | 45.9 | -0.1 | -0.1% | 84.0% | 47.2 | 47.2 | 0.0 | 0.0% | 84.0% | 48.5 | 48.8 | 0.3 | 0.6% |
| 85.2% | 45.4 | 45.3 | -0.2 | -0.4% | 85.2% | 45.9 | 45.9 | -0.1 | -0.2% | 85.2% | 47.0 | 47.2 | 0.2 | 0.3% | 85.2% | 48.5 | 48.7 | 0.2 | 0.4% |
| 86.4% | 45.4 | 45.2 | -0.2 | -0.5% | 86.4% | 45.8 | 45.8 | 0.0 | -0.1% | 86.4% | 47.0 | 47.1 | 0.2 | 0.3% | 86.4% | 48.5 | 48.7 | 0.2 | 0.4% |
| 87.7% | 45.2 | 45.1 | -0.1 | -0.1% | 87.7% | 45.7 | 45.7 | 0.0 | 0.0% | 87.7% | 46.9 | 47.1 | 0.2 | 0.5% | 87.7% | 48.4 | 48.6 | 0.2 | 0.4% |
| 88.9% | 45.0 | 44.9 | -0.1 | -0.2% | 88.9% | 45.7 | 45.7 | 0.0 | 0.0% | 88.9% | 46.8 | 47.0 | 0.2 | 0.4% | 88.9% | 48.4 | 48.6 | 0.2 | 0.4% |
| 90.1% | 44.9 | 44.8 | -0.1 | -0.2% | 90.1% | 45.6 | 45.7 | 0.0 | 0.1% | 90.1% | 46.8 | 47.0 | 0.2 | 0.4% | 90.1% | 48.3 | 48.5 | 0.3 | 0.6% |
| 91.4% | 44.9 | 44.7 | -0.1 | -0.3% | 91.4% | 45.6 | 45.6 | 0.0 | 0.1% | 91.4% | 46.8 | 47.0 | 0.2 | 0.4% | 91.4% | 48.2 | 48.5 | 0.3 | 0.6% |
| 92.6% | 44.8 | 44.7 | -0.2 | -0.3% | 92.6% | 45.5 | 45.5 | 0.0 | -0.1% | 92.6% | 46.8 | 46.9 | 0.1 | 0.3% | 92.6% | 48.1 | 48.4 | 0.3 | 0.6% |
| 93.8% | 44.8 | 44.6 | -0.2 | -0.4% | 93.8% | 45.5 | 45.5 | 0.0 | 0.0% | 93.8% | 46.8 | 46.9 | 0.1 | 0.3% | 93.8% | 48.1 | 48.4 | 0.3 | 0.6% |
| 95.1% | 44.7 | 44.6 | -0.1 | -0.1% | 95.1% | 45.4 | 45.4 | 0.0 | 0.1% | 95.1% | 46.7 | 46.9 | 0.2 | 0.4% | 95.1% | 48.0 | 48.1 | 0.1 | 0.3% |
| 96.3% | 44.5 | 44.3 | -0.1 | -0.3% | 96.3% | 45.3 | 45.3 | 0.0 | 0.1% | 96.3% | 46.5 | 46.7 | 0.2 | 0.4% | 96.3% | 47.8 | 48.0 | 0.2 | 0.4% |
| 97.5% | 44.4 | 44.3 | -0.1 | -0.3% | 97.5% | 45.3 | 45.3 | 0.0 | 0.0% | 97.5% | 46.2 | 46.5 | 0.3 | 0.6% | 97.5% | 47.5 | 47.9 | 0.4 | 0.9% |
| 98.8% | 43.7 | 43.6 | -0.1 | -0.2% | 98.8% | 45.3 | 45.3 | 0.0 | 0.0% | 98.8% | 46.1 | 46.5 | 0.4 | 0.8% | 98.8% | 47.3 | 47.7 | 0.4 | 0.9% |
| 100.0% | 43.7 | 43.6 | -0.1 | -0.2% | 100.0% | 45.3 | 45.3 | 0.0 | 0.0% | 100.0% | 46.1 | 46.5 | 0.4 | 0.8% | 100.0% | 47.3 | 47.7 | 0.4 | 0.9% |

## Table SQ2-1b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 54.7 | 54.7 | 0.0 | -0.1% | 0.0% | 56.4 | 55.1 | -1.4 | -2.4% | 0.0% | 63.8 | 59.4 | -4.4 | -6.9% | 0.0% | 65.2 | 65.2 | 0.0 | 0.0% |
| 1.2% | 54.2 | 53.6 | -0.6 | -1.2% | 1.2% | 55.2 | 55.0 | -0.1 | -0.3% | 1.2% | 56.9 | 54.7 | -2.3 | -4.0% | 1.2% | 62.7 | 58.1 | -4.6 | -7.3% |
| 2.5% | 53.7 | 53.2 | -0.5 | -0.9% | 2.5% | 55.0 | 54.6 | -0.4 | -0.7% | 2.5% | 55.2 | 54.5 | -0.7 | -1.3% | 2.5% | 60.4 | 56.8 | -3.6 | -5.9% |
| 3.7% | 53.5 | 53.1 | -0.4 | -0.8% | 3.7% | 54.8 | 54.4 | -0.4 | -0.7% | 3.7% | 55.2 | 54.5 | -0.7 | -1.3% | 3.7% | 56.5 | 56.1 | -0.4 | -0.7% |
| 4.9% | 53.1 | 52.5 | -0.6 | -1.2% | 4.9% | 54.5 | 54.4 | -0.1 | -0.3% | 4.9% | 55.1 | 54.4 | -0.7 | -1.2% | 4.9% | 56.4 | 55.4 | -0.9 | -1.7% |
| 6.2% | 52.8 | 52.5 | -0.3 | -0.6% | 6.2% | 54.4 | 54.4 | -0.1 | -0.1% | 6.2% | 54.9 | 54.4 | -0.6 | -1.1% | 6.2% | 55.4 | 55.1 | -0.3 | -0.6% |
| 7.4% | 52.5 | 52.4 | -0.1 | -0.2% | 7.4% | 54.4 | 54.3 | -0.1 | -0.1% | 7.4% | 54.6 | 54.2 | -0.3 | -0.6% | 7.4% | 54.9 | 55.0 | 0.1 | 0.2% |
| 8.6% | 52.2 | 52.2 | 0.1 | 0.1% | 8.6% | 54.3 | 54.3 | 0.0 | 0.0% | 8.6% | 54.4 | 54.2 | -0.1 | -0.3% | 8.6% | 54.8 | 54.9 | 0.0 | 0.0% |
| 9.9% | 52.1 | 52.2 | 0.1 | 0.1% | 9.9% | 54.2 | 54.2 | 0.1 | 0.1% | 9.9% | 54.4 | 54.2 | -0.2 | -0.3% | 9.9% | 54.7 | 54.8 | 0.1 | 0.2% |
| 11.1% | 52.0 | 52.2 | 0.2 | 0.3% | 11.1% | 54.0 | 54.0 | 0.0 | 0.0% | 11.1% | 54.4 | 54.2 | -0.2 | -0.3% | 11.1% | 54.5 | 54.3 | -0.2 | -0.4% |
| 12.3% | 51.9 | 52.0 | 0.1 | 0.2% | 12.3% | 53.9 | 53.9 | 0.0 | -0.1% | 12.3% | 54.2 | 54.2 | -0.1 | -0.1% | 12.3% | 54.4 | 54.3 | -0.1 | -0.2% |
| 13.6% | 51.7 | 52.0 | 0.3 | 0.5% | 13.6% | 53.9 | 53.8 | 0.0 | -0.1% | 13.6% | 54.2 | 54.2 | -0.1 | -0.1% | 13.6% | 54.3 | 54.1 | -0.2 | -0.3% |
| 14.8% | 51.7 | 51.9 | 0.2 | 0.4% | 14.8% | 53.8 | 53.8 | 0.0 | -0.1% | 14.8% | 54.2 | 54.1 | -0.1 | -0.3% | 14.8% | 54.2 | 54.0 | -0.1 | -0.3% |
| 16.0% | 51.6 | 51.9 | 0.3 | 0.5% | 16.0% | 53.8 | 53.7 | -0.1 | -0.2% | 16.0% | 54.2 | 54.0 | -0.1 | -0.3% | 16.0% | 54.1 | 54.0 | -0.1 | -0.3% |
| 17.3% | 51.5 | 51.7 | 0.2 | 0.4% | 17.3% | 53.8 | 53.7 | -0.1 | -0.1% | 17.3% | 54.2 | 54.0 | -0.2 | -0.3% | 17.3% | 54.1 | 53.9 | -0.2 | -0.3% |
| 18.5% | 51.5 | 51.6 | 0.1 | 0.3% | 18.5% | 53.8 | 53.7 | -0.1 | -0.2% | 18.5% | 54.2 | 53.9 | -0.2 | -0.4% | 18.5% | 54.1 | 53.9 | -0.2 | -0.3% |
| 19.8% | 51.4 | 51.6 | 0.1 | 0.3% | 19.8% | 53.6 | 53.6 | 0.0 | 0.0% | 19.8% | 54.1 | 53.9 | -0.2 | -0.5% | 19.8% | 54.0 | 53.8 | -0.2 | -0.3% |
| 21.0% | 51.4 | 51.6 | 0.2 | 0.3% | 21.0% | 53.5 | 53.5 | 0.0 | 0.1% | 21.0% | 54.1 | 53.9 | -0.2 | -0.4% | 21.0% | 53.9 | 53.8 | -0.2 | -0.3% |
| 22.2% | 51.3 | 51.5 | 0.2 | 0.4% | 22.2% | 53.3 | 53.5 | 0.2 | 0.4% | 22.2% | 54.0 | 53.9 | -0.2 | -0.3% | 22.2% | 53.9 | 53.8 | -0.2 | -0.3% |
| 23.5% | 51.3 | 51.4 | 0.1 | 0.2% | 23.5% | 53.2 | 53.5 | 0.3 | 0.5% | 23.5% | 54.0 | 53.8 | -0.1 | -0.2% | 23.5% | 53.9 | 53.8 | -0.1 | -0.2% |
| 24.7% | 51.2 | 51.3 | 0.1 | 0.2% | 24.7% | 53.2 | 53.3 | 0.1 | 0.3% | 24.7% | 53.9 | 53.8 | -0.1 | -0.2% | 24.7% | 53.8 | 53.8 | 0.0 | 0.0% |
| 25.9% | 51.2 | 51.2 | 0.0 | 0.1% | 25.9% | 53.0 | 53.2 | 0.2 | 0.4% | 25.9% | 53.9 | 53.8 | -0.1 | -0.3% | 25.9% | 53.7 | 53.7 | 0.0 | 0.1% |
| 27.2% | 51.1 | 51.2 | 0.1 | 0.1% | 27.2% | 53.0 | 53.1 | 0.1 | 0.2% | 27.2% | 53.9 | 53.8 | -0.1 | -0.2% | 27.2% | 53.6 | 53.7 | 0.2 | 0.3% |
| 28.4% | 51.1 | 51.1 | 0.0 | 0.0% | 28.4% | 52.9 | 52.8 | -0.1 | -0.1% | 28.4% | 53.8 | 53.7 | -0.1 | -0.2% | 28.4% | 53.6 | 53.7 | 0.2 | 0.3% |
| 29.6% | 51.1 | 51.1 | 0.0 | 0.1% | 29.6% | 52.7 | 52.8 | 0.1 | 0.2% | 29.6% | 53.7 | 53.7 | 0.0 | 0.0% | 29.6% | 53.5 | 53.7 | 0.1 | 0.3% |
| 30.9% | 51.0 | 51.0 | 0.0 | 0.1% | 30.9% | 52.7 | 52.8 | 0.1 | 0.2% | 30.9% | 53.7 | 53.7 | 0.0 | 0.0% | 30.9% | 53.4 | 53.6 | 0.2 | 0.4% |
| 32.1% | 50.9 | 51.0 | 0.0 | 0.1% | 32.1% | 52.6 | 52.7 | 0.1 | 0.2% | 32.1% | 53.7 | 53.7 | 0.0 | -0.1% | 32.1% | 53.4 | 53.6 | 0.2 | 0.4% |
| 33.3% | 50.9 | 50.9 | 0.1 | 0.2% | 33.3% | 52.5 | 52.7 | 0.2 | 0.4% | 33.3% | 53.7 | 53.7 | 0.0 | 0.0% | 33.3% | 53.4 | 53.6 | 0.2 | 0.5% |
| 34.6% | 50.8 | 50.9 | 0.0 | 0.1% | 34.6% | 52.3 | 52.7 | 0.4 | 0.7% | 34.6% | 53.6 | 53.7 | 0.1 | 0.1% | 34.6% | 53.3 | 53.6 | 0.3 | 0.5% |
| 35.8% | 50.6 | 50.9 | 0.3 | 0.5% | 35.8% | 52.3 | 52.7 | 0.3 | 0.7% | 35.8% | 53.6 | 53.6 | 0.1 | 0.1% | 35.8% | 53.3 | 53.5 | 0.2 | 0.4% |
| 37.0% | 50.6 | 50.8 | 0.3 | 0.6% | 37.0% | 52.2 | 52.6 | 0.3 | 0.6% | 37.0% | 53.5 | 53.5 | 0.0 | 0.0% | 37.0% | 53.2 | 53.4 | 0.2 | 0.3% |
| 38.3% | 50.5 | 50.8 | 0.3 | 0.5% | 38.3% | 52.2 | 52.6 | 0.3 | 0.7% | 38.3% | 53.5 | 53.5 | -0.1 | -0.1% | 38.3% | 53.2 | 53.3 | 0.1 | 0.3% |
| 39.5% | 50.5 | 50.7 | 0.3 | 0.5% | 39.5% | 52.1 | 52.5 | 0.3 | 0.6% | 39.5% | 53.5 | 53.4 | -0.1 | -0.2% | 39.5% | 53.0 | 53.2 | 0.2 | 0.3% |
| 40.7% | 50.5 | 50.7 | 0.3 | 0.5% | 40.7% | 52.1 | 52.4 | 0.3 | 0.6% | 40.7% | 53.5 | 53.4 | -0.1 | -0.1% | 40.7% | 52.9 | 53.1 | 0.1 | 0.2% |
| 42.0% | 50.4 | 50.7 | 0.3 | 0.5% | 42.0% | 52.0 | 52.4 | 0.4 | 0.7% | 42.0% | 53.4 | 53.4 | 0.0 | 0.0% | 42.0% | 52.9 | 53.1 | 0.1 | 0.2% |
| 43.2% | 50.4 | 50.6 | 0.2 | 0.4% | 43.2% | 52.0 | 52.4 | 0.4 | 0.7% | 43.2% | 53.4 | 53.4 | 0.0 | 0.0% | 43.2% | 52.6 | 53.0 | 0.5 | 0.9% |
| 44.4% | 50.4 | 50.6 | 0.2 | 0.4% | 44.4% | 52.0 | 52.3 | 0.3 | 0.5% | 44.4% | 53.4 | 53.3 | -0.1 | -0.2% | 44.4% | 52.6 | 52.8 | 0.2 | 0.5% |
| 45.7% | 50.3 | 50.5 | 0.2 | 0.4% | 45.7% | 51.9 | 52.3 | 0.4 | 0.8% | 45.7% | 53.3 | 53.3 | -0.1 | -0.1% | 45.7% | 52.5 | 52.7 | 0.2 | 0.4% |
| 46.9% | 50.3 | 50.5 | 0.2 | 0.5% | 46.9% | 51.9 | 52.2 | 0.3 | 0.6% | 46.9% | 53.3 | 53.2 | -0.1 | -0.2% | 46.9% | 52.5 | 52.7 | 0.2 | 0.4% |
| 48.1% | 50.3 | 50.5 | 0.2 | 0.5% | 48.1% | 51.8 | 52.2 | 0.3 | 0.6% | 48.1% | 53.3 | 53.2 | 0.0 | -0.1% | 48.1% | 52.3 | 52.7 | 0.3 | 0.6% |
| 49.4% | 50.3 | 50.5 | 0.2 | 0.5% | 49.4% | 51.8 | 52.2 | 0.4 | 0.7% | 49.4% | 53.3 | 53.2 | -0.1 | -0.2% | 49.4% | 52.3 | 52.7 | 0.4 | 0.7% |
| 50.6% | 50.1 | 50.5 | 0.3 | 0.7% | 50.6% | 51.7 | 52.1 | 0.4 | 0.8% | 50.6% | 53.3 | 53.1 | -0.1 | -0.2% | 50.6% | 52.3 | 52.6 | 0.4 | 0.7% |
| 51.9% | 50.1 | 50.5 | 0.4 | 0.8% | 51.9% | 51.7 | 52.1 | 0.3 | 0.7% | 51.9% | 53.2 | 53.1 | -0.1 | -0.2% | 51.9% | 52.3 | 52.6 | 0.4 | 0.7% |
| 53.1% | 50.1 | 50.5 | 0.4 | 0.8% | 53.1% | 51.7 | 52.0 | 0.3 | 0.7% | 53.1% | 53.1 | 53.0 | -0.1 | -0.2% | 53.1% | 52.2 | 52.6 | 0.4 | 0.7% |
| 54.3% | 50.0 | 50.5 | 0.4 | 0.9% | 54.3% | 51.6 | 52.0 | 0.4 | 0.7% | 54.3% | 53.0 | 52.8 | -0.2 | -0.4% | 54.3% | 52.2 | 52.6 | 0.4 | 0.7% |
| 55.6% | 50.0 | 50.5 | 0.4 | 0.8% | 55.6% | 51.6 | 52.0 | 0.4 | 0.7% | 55.6% | 53.0 | 52.8 | -0.2 | -0.4% | 55.6% | 52.2 | 52.5 | 0.4 | 0.7% |
| 56.8% | 50.0 | 50.5 | 0.4 | 0.8% | 56.8% | 51.6 | 51.9 | 0.3 | 0.6% | 56.8% | 52.9 | 52.8 | -0.1 | -0.3% | 56.8% | 52.1 | 52.5 | 0.4 | 0.8% |
| 58.0% | 50.0 | 50.4 | 0.4 | 0.9% | 58.0% | 51.6 | 51.9 | 0.3 | 0.6% | 58.0% | 52.9 | 52.8 | -0.1 | -0.2% | 58.0% | 52.0 | 52.5 | 0.5 | 0.9% |
| 59.3% | 50.0 | 50.2 | 0.3 | 0.5% | 59.3% | 51.5 | 51.8 | 0.4 | 0.7% | 59.3% | 52.9 | 52.7 | -0.1 | -0.3% | 59.3% | 52.0 | 52.5 | 0.5 | 0.9% |
| 60.5% | 50.0 | 50.2 | 0.2 | 0.4% | 60.5% | 51.4 | 51.8 | 0.3 | 0.7% | 60.5% | 52.9 | 52.5 | -0.3 | -0.6% | 60.5% | 51.9 | 52.4 | 0.5 | 0.9% |
| 61.7% | 49.9 | 50.2 | 0.2 | 0.5% | 61.7% | 51.4 | 51.7 | 0.3 | 0.6% | 61.7% | 52.7 | 52.5 | -0.3 | -0.6% | 61.7% | 51.8 | 52.4 | 0.6 | 1.1% |
| 63.0% | 49.9 | 50.0 | 0.1 | 0.3% | 63.0% | 51.4 | 51.5 | 0.1 | 0.3% | 63.0% | 52.6 | 52.4 | -0.2 | -0.4% | 63.0% | 51.7 | 52.2 | 0.5 | 0.9% |
| 64.2% | 49.9 | 50.0 | 0.2 | 0.3% | 64.2% | 51.3 | 51.5 | 0.2 | 0.3% | 64.2% | 52.6 | 52.4 | -0.2 | -0.4% | 64.2% | 51.7 | 52.1 | 0.4 | 0.7% |
| 65.4% | 49.8 | 50.0 | 0.2 | 0.4% | 65.4% | 51.3 | 51.5 | 0.2 | 0.3% | 65.4% | 52.6 | 52.4 | -0.2 | -0.4% | 65.4% | 51.7 | 52.1 | 0.4 | 0.9% |
| 66.7% | 49.8 | 50.0 | 0.2 | 0.4% | 66.7% | 51.3 | 51.4 | 0.1 | 0.3% | 66.7% | 52.6 | 52.4 | -0.2 | -0.4% | 66.7% | 51.6 | 52.1 | 0.5 | 0.9% |
| 67.9% | 49.8 | 49.9 | 0.2 | 0.4% | 67.9% | 51.2 | 51.4 | 0.2 | 0.5% | 67.9% | 52.5 | 52.3 | -0.2 | -0.4% | 67.9% | 51.6 | 52.1 | 0.5 | 0.9% |
| 69.1% | 49.7 | 49.9 | 0.2 | 0.5% | 69.1% | 51.1 | 51.4 | 0.2 | 0.5% | 69.1% | 52.5 | 52.2 | -0.3 | -0.5% | 69.1% | 51.6 | 52.0 | 0.4 | 0.7% |
| 70.4% | 49.7 | 49.9 | 0.2 | 0.5% | 70.4% | 51.0 | 51.3 | 0.3 | 0.6% | 70.4% | 52.4 | 52.1 | -0.3 | -0.6% | 70.4% | 51.5 | 52.0 | 0.5 | 0.9% |
| 71.6% | 49.6 | 49.9 | 0.3 | 0.5% | 71.6% | 51.0 | 51.3 | 0.3 | 0.5% | 71.6% | 52.3 | 52.1 | -0.2 | -0.4% | 71.6% | 51.5 | 52.0 | 0.5 | 0.9% |
| 72.8% | 49.5 | 49.8 | 0.2 | 0.5% | 72.8% | 51.0 | 51.3 | 0.3 | 0.5% | 72.8% | 52.3 | 52.1 | -0.2 | -0.4% | 72.8% | 51.4 | 51.9 | 0.5 | 1.0% |
| 74.1% | 49.5 | 49.8 | 0.3 | 0.6% | 74.1% | 51.0 | 51.2 | 0.3 | 0.5% | 74.1% | 52.3 | 52.0 | -0.3 | -0.5% | 74.1% | 51.4 | 51.9 | 0.6 | 1.1% |
| 75.3% | 49.5 | 49.8 | 0.3 | 0.6% | 75.3% | 51.0 | 51.2 | 0.3 | 0.5% | 75.3% | 52.2 | 52.0 | -0.2 | -0.3% | 75.3% | 51.3 | 51.9 | 0.6 | 1.2% |
| 76.5% | 49.3 | 49.7 | 0.4 | 0.8% | 76.5% | 50.9 | 51.2 | 0.3 | 0.6% | 76.5% | 52.2 | 52.0 | -0.1 | -0.3% | 76.5% | 51.2 | 51.9 | 0.7 | 1.4% |
| 77.8% | 49.3 | 49.7 | 0.4 | 0.8% | 77.8% | 50.9 | 51.2 | 0.3 | 0.6% | 77.8% | 52.2 | 52.0 | -0.2 | -0.3% | 77.8% | 51.2 | 51.9 | 0.7 | 1.4% |
| 79.0% | 49.2 | 49.7 | 0.4 | 0.9% | 79.0% | 50.8 | 51.1 | 0.3 | 0.6% | 79.0% | 52.1 | 52.0 | -0.2 | -0.3% | 79.0% | 51.1 | 51.8 | 0.7 | 1.4% |
| 80.2% | 49.2 | 49.6 | 0.4 | 0.9% | 80.2% | 50.8 | 51.1 | 0.3 | 0.6% | 80.2% | 52.1 | 52.0 | -0.2 | -0.3% | 80.2% | 51.1 | 51.8 | 0.7 | 1.4% |
| 81.5% | 49.2 | 49.6 | 0.4 | 0.9% | 81.5% | 50.8 | 51.1 | 0.3 | 0.7% | 81.5% | 52.0 | 51.9 | 0.0 | 0.0% | 81.5% | 51.0 | 51.7 | 0.6 | 1.2% |
| 82.7% | 49.1 | 49.6 | 0.4 | 0.9% | 82.7% | 50.7 | 51.1 | 0.4 | 0.8% | 82.7% | 51.9 | 51.8 | -0.1 | -0.2% | 82.7% | 51.0 | 51.6 | 0.6 | 1.2% |
| 84.0% | 49.1 | 49.6 | 0.5 | 1.0% | 84.0% | 50.7 | 51.0 | 0.3 | 0.6% | 84.0% | 51.9 | 51.8 | -0.1 | -0.3% | 84.0% | 51.0 | 51.6 | 0.6 | 1.2% |
| 85.2% | 49.1 | 49.5 | 0.4 | 0.9% | 85.2% | 50.7 | 50.9 | 0.3 | 0.5% | 85.2% | 51.9 | 51.8 | -0.1 | -0.2% | 85.2% | 50.9 | 51.2 | 0.3 | 0.6% |
| 86.4% | 49.0 | 49.5 | 0.5 | 0.9% | 86.4% | 50.5 | 50.8 | 0.3 | 0.5% | 86.4% | 51.9 | 51.8 | -0.1 | -0.3% | 86.4% | 50.8 | 51.1 | 0.3 | 0.6% |
| 87.7% | 49.0 | 49.5 | 0.5 | 0.9% | 87.7% | 50.5 | 50.8 | 0.3 | 0.5% | 87.7% | 51.9 | 51.8 | -0.1 | -0.2% | 87.7% | 50.6 | 50.7 | 0.1 | 0.2% |
| 88.9% | 49.0 | 49.4 | 0.4 | 0.9% | 88.9% | 50.5 | 50.8 | 0.2 | 0.5% | 88.9% | 51.7 | 51.8 | 0.1 | 0.1% | 88.9% | 50.4 | 50.6 | 0.2 | 0.4% |
| 90.1% | 49.0 | 49.4 | 0.4 | 0.8% | 90.1% | 50.4 | 50.7 | 0.4 | 0.7% | 90.1% | 51.6 | 51.6 | 0.1 | 0.1% | 90.1% | 50.3 | 50.4 | 0.0 | 0.1% |
| 91.4% | 49.0 | 49.4 | 0.4 | 0.8% | 91.4% | 50.4 | 50.6 | 0.3 | 0.6% | 91.4% | 51.5 | 51.4 | -0.1 | -0.2% | 91.4% | 50.2 | 50.3 | 0.1 | 0.2% |
| 92.6% | 49.0 | 49.3 | 0.4 | 0.8% | 92.6% | 50.4 | 50.6 | 0.3 | 0.5% | 92.6% | 51.5 | 51.2 | -0.3 | -0.5% | 92.6% | 50.1 | 50.3 | 0.2 | 0.4% |
| 93.8% | 48.9 | 49.3 | 0.5 | 0.9% | 93.8% | 50.3 | 50.4 | 0.1 | 0.2% | 93.8% | 51.3 | 51.1 | -0.2 | -0.4% | 93.8% | 50.1 | 50.2 | 0.2 | 0.3% |
| 95.1% | 48.8 | 49.3 | 0.5 | 1.0% | 95.1% | 50.0 | 50.4 | 0.3 | 0.7% | 95.1% | 51.1 | 50.9 | -0.1 | -0.3% | 95.1% | 50.1 | 50.0 | 0.0 | -0.1% |
| 96.3% | 48.8 | 49.1 | 0.3 | 0.6% | 96.3% | 49.9 | 50.3 | 0.4 | 0.8% | 96.3% | 51.0 | 50.7 | -0.3 | -0.6% | 96.3% | 50.0 | 49.9 | 0.0 | -0.1% |
| 97.5% | 48.5 | 48.9 | 0.4 | 0.9% | 97.5% | 49.8 | 49.7 | 0.0 | 0.0% | 97.5% | 50.9 | 50.7 | -0.2 | -0.5% | 97.5% | 49.9 | 49.9 | 0.0 | 0.0% |
| 98.8% | 48.4 | 48.6 | 0.2 | 0.4% | 98.8% | 49.6 | 49.7 | 0.1 | 0.2% | 98.8% | 50.9 | 50.6 | -0.3 | -0.7% | 98.8% | 49.7 | 49.8 | 0.1 | 0.2% |
| 100.0% | 48.4 | 48.6 | 0.2 | 0.4% | 100.0% | 49.6 | 49.7 | 0.1 | 0.2% | 100.0% | 50.9 | 50.6 | -0.3 | -0.7% | 100.0% | 49.7 | 49.8 | 0.1 | 0.2% |

## Table SQ2-1b

Sacramento River below Keswick, Monthly Temperature

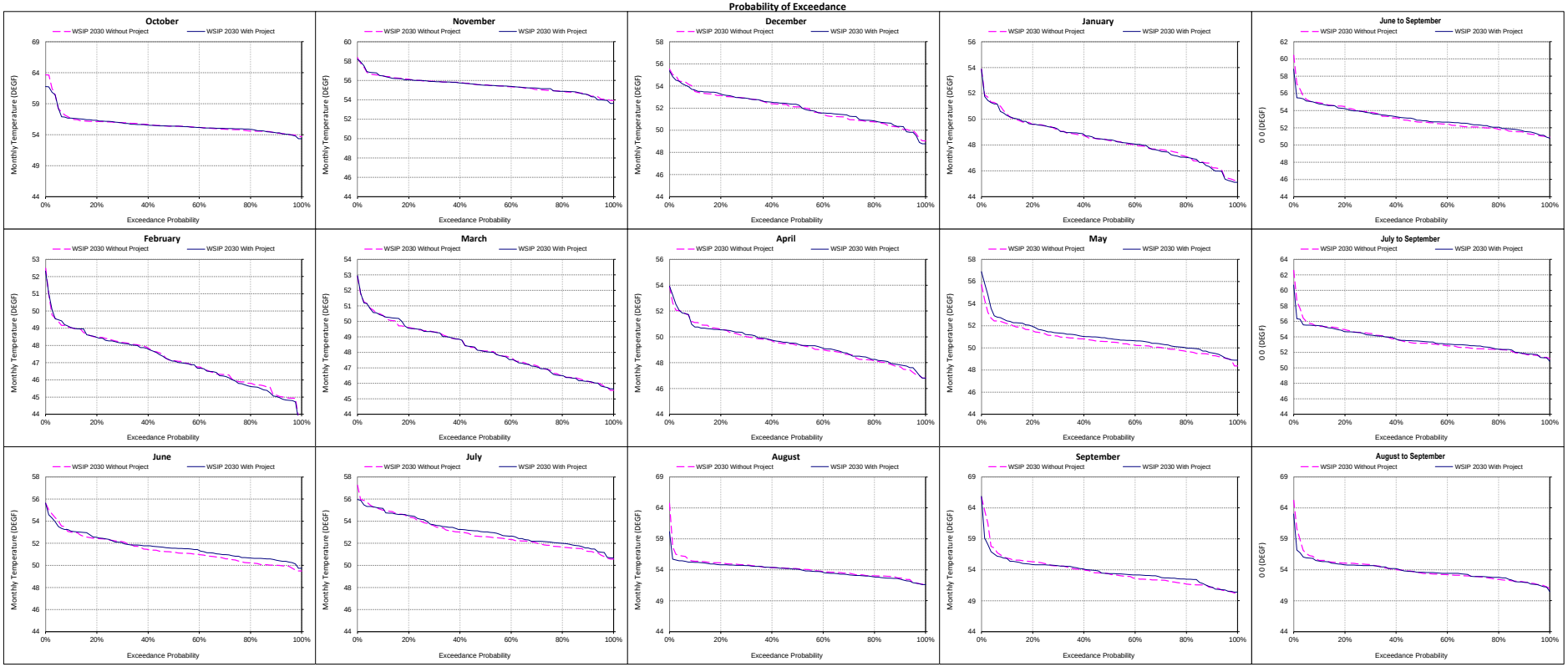
Probability of Exceedance

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 59.6 | 57.9 | -1.7 | -2.8% |
| 1.2% | 56.3 | 54.5 | -1.8 | -3.1% |
| 2.5% | 55.5 | 54.4 | -1.1 | -2.0% |
| 3.7% | 54.6 | 54.4 | -0.2 | -0.3% |
| 4.9% | 54.4 | 54.2 | -0.2 | -0.4% |
| 6.2% | 54.2 | 54.1 | 0.0 | -0.1% |
| 7.4% | 54.0 | 54.0 | 0.0 | 0.1% |
| 8.6% | 54.0 | 54.0 | 0.0 | 0.0% |
| 9.9% | 53.8 | 53.8 | 0.0 | 0.0% |
| 11.1% | 53.8 | 53.7 | -0.1 | -0.2% |
| 12.3% | 53.7 | 53.7 | -0.1 | -0.1% |
| 13.6% | 53.6 | 53.6 | 0.0 | -0.1% |
| 14.8% | 53.6 | 53.6 | 0.0 | 0.0% |
| 16.0% | 53.6 | 53.6 | 0.0 | 0.0% |
| 17.3% | 53.5 | 53.4 | -0.1 | -0.2% |
| 18.5% | 53.5 | 53.3 | -0.2 | -0.3% |
| 19.8% | 53.4 | 53.2 | -0.2 | -0.3% |
| 21.0% | 53.4 | 53.2 | -0.2 | -0.3% |
| 22.2% | 53.2 | 53.1 | -0.1 | -0.2% |
| 23.5% | 53.2 | 53.1 | -0.1 | -0.2% |
| 24.7% | 52.9 | 53.1 | 0.1 | 0.2% |
| 25.9% | 52.9 | 53.0 | 0.1 | 0.1% |
| 27.2% | 52.9 | 53.0 | 0.1 | 0.1% |
| 28.4% | 52.9 | 52.8 | 0.0 | 0.0% |
| 29.6% | 52.9 | 52.8 | 0.0 | -0.1% |
| 30.9% | 52.8 | 52.6 | -0.2 | -0.3% |
| 32.1% | 52.8 | 52.6 | -0.2 | -0.3% |
| 33.3% | 52.5 | 52.6 | 0.1 | 0.2% |
| 34.6% | 52.4 | 52.6 | 0.2 | 0.3% |
| 35.8% | 52.3 | 52.5 | 0.2 | 0.4% |
| 37.0% | 52.3 | 52.5 | 0.2 | 0.4% |
| 38.3% | 52.2 | 52.5 | 0.2 | 0.5% |
| 39.5% | 52.2 | 52.5 | 0.2 | 0.4% |
| 40.7% | 52.2 | 52.4 | 0.2 | 0.3% |
| 42.0% | 52.1 | 52.3 | 0.2 | 0.4% |
| 43.2% | 52.1 | 52.3 | 0.2 | 0.3% |
| 44.4% | 52.0 | 52.2 | 0.2 | 0.3% |
| 45.7% | 52.0 | 52.2 | 0.2 | 0.3% |
| 46.9% | 51.9 | 52.1 | 0.2 | 0.5% |
| 48.1% | 51.8 | 52.0 | 0.2 | 0.3% |
| 49.4% | 51.7 | 51.9 | 0.2 | 0.3% |
| 50.6% | 51.7 | 51.9 | 0.2 | 0.3% |
| 51.9% | 51.7 | 51.9 | 0.2 | 0.4% |
| 53.1% | 51.7 | 51.9 | 0.2 | 0.4% |
| 54.3% | 51.6 | 51.8 | 0.2 | 0.4% |
| 55.6% | 51.6 | 51.8 | 0.2 | 0.4% |
| 56.8% | 51.5 | 51.8 | 0.3 | 0.6% |
| 58.0% | 51.5 | 51.7 | 0.3 | 0.5% |
| 59.3% | 51.4 | 51.7 | 0.3 | 0.6% |
| 60.5% | 51.4 | 51.7 | 0.3 | 0.6% |
| 61.7% | 51.4 | 51.7 | 0.3 | 0.7% |
| 63.0% | 51.4 | 51.7 | 0.3 | 0.6% |
| 64.2% | 51.3 | 51.7 | 0.4 | 0.7% |
| 65.4% | 51.3 | 51.6 | 0.3 | 0.6% |
| 66.7% | 51.3 | 51.6 | 0.3 | 0.6% |
| 67.9% | 51.3 | 51.5 | 0.3 | 0.5% |
| 69.1% | 51.2 | 51.5 | 0.2 | 0.5% |
| 70.4% | 51.2 | 51.4 | 0.2 | 0.4% |
| 71.6% | 51.2 | 51.4 | 0.2 | 0.5% |
| 72.8% | 51.1 | 51.4 | 0.2 | 0.5% |
| 74.1% | 51.1 | 51.4 | 0.2 | 0.5% |
| 75.3% | 51.1 | 51.3 | 0.3 | 0.5% |
| 76.5% | 51.1 | 51.2 | 0.1 | 0.3% |
| 77.8% | 51.0 | 51.2 | 0.1 | 0.3% |
| 79.0% | 50.9 | 51.2 | 0.2 | 0.5% |
| 80.2% | 50.8 | 51.1 | 0.3 | 0.5% |
| 81.5% | 50.8 | 51.0 | 0.3 | 0.5% |
| 82.7% | 50.8 | 51.0 | 0.2 | 0.4% |
| 84.0% | 50.8 | 51.0 | 0.2 | 0.4% |
| 85.2% | 50.8 | 50.9 | 0.2 | 0.3% |
| 86.4% | 50.7 | 50.9 | 0.2 | 0.3% |
| 87.7% | 50.7 | 50.9 | 0.1 | 0.3% |
| 88.9% | 50.6 | 50.7 | 0.1 | 0.2% |
| 90.1% | 50.5 | 50.7 | 0.2 | 0.3% |
| 91.4% | 50.5 | 50.7 | 0.2 | 0.4% |
| 92.6% | 50.4 | 50.6 | 0.2 | 0.4% |
| 93.8% | 50.3 | 50.4 | 0.1 | 0.2% |
| 95.1% | 50.3 | 50.4 | 0.1 | 0.2% |
| 96.3% | 50.3 | 50.3 | 0.0 | 0.0% |
| 97.5% | 50.1 | 50.2 | 0.1 | 0.2% |
| 98.8% | 50.1 | 50.1 | -0.1 | -0.1% |
| 100.0% | 49.9 | 49.9 | 0.0 | 0.1% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 61.8 | 59.9 | -1.9 | -3.1% |
| 1.2% | 57.8 | 55.4 | -2.5 | -4.2% |
| 2.5% | 56.6 | 55.2 | -1.5 | -2.6% |
| 3.7% | 55.3 | 54.6 | -0.6 | -1.1% |
| 4.9% | 55.0 | 54.5 | -0.4 | -0.8% |
| 6.2% | 54.6 | 54.5 | -0.1 | -0.2% |
| 7.4% | 54.4 | 54.5 | 0.1 | 0.1% |
| 8.6% | 54.4 | 54.4 | 0.1 | 0.1% |
| 9.9% | 54.3 | 54.4 | 0.1 | 0.1% |
| 11.1% | 54.3 | 54.4 | 0.1 | 0.1% |
| 12.3% | 54.3 | 54.3 | 0.0 | 0.0% |
| 13.6% | 54.3 | 54.2 | -0.1 | -0.2% |
| 14.8% | 54.2 | 54.1 | -0.1 | -0.2% |
| 16.0% | 54.1 | 54.1 | -0.1 | -0.1% |
| 17.3% | 54.1 | 54.0 | -0.1 | -0.2% |
| 18.5% | 54.0 | 53.9 | -0.1 | -0.2% |
| 19.8% | 53.9 | 53.8 | -0.1 | -0.2% |
| 21.0% | 53.8 | 53.7 | -0.1 | -0.2% |
| 22.2% | 53.7 | 53.7 | 0.0 | 0.0% |
| 23.5% | 53.6 | 53.7 | 0.1 | 0.1% |
| 24.7% | 53.6 | 53.7 | 0.1 | 0.2% |
| 25.9% | 53.6 | 53.6 | 0.1 | 0.2% |
| 27.2% | 53.5 | 53.4 | -0.1 | -0.2% |
| 28.4% | 53.5 | 53.3 | -0.2 | -0.4% |
| 29.6% | 53.4 | 53.3 | -0.2 | -0.3% |
| 30.9% | 53.4 | 53.3 | -0.1 | -0.2% |
| 32.1% | 53.3 | 53.3 | -0.1 | -0.1% |
| 33.3% | 53.2 | 53.2 | 0.0 | 0.1% |
| 34.6% | 53.1 | 53.2 | 0.1 | 0.1% |
| 35.8% | 53.0 | 53.2 | 0.1 | 0.2% |
| 37.0% | 53.0 | 53.1 | 0.1 | 0.2% |
| 38.3% | 52.8 | 52.9 | 0.1 | 0.2% |
| 39.5% | 52.8 | 52.9 | 0.0 | 0.1% |
| 40.7% | 52.8 | 52.8 | 0.0 | 0.1% |
| 42.0% | 52.7 | 52.8 | 0.1 | 0.2% |
| 43.2% | 52.6 | 52.8 | 0.2 | 0.3% |
| 44.4% | 52.5 | 52.7 | 0.2 | 0.5% |
| 45.7% | 52.4 | 52.7 | 0.3 | 0.5% |
| 46.9% | 52.4 | 52.7 | 0.3 | 0.6% |
| 48.1% | 52.4 | 52.6 | 0.3 | 0.5% |
| 49.4% | 52.3 | 52.5 | 0.2 | 0.4% |
| 50.6% | 52.3 | 52.5 | 0.2 | 0.4% |
| 51.9% | 52.3 | 52.5 | 0.2 | 0.4% |
| 53.1% | 52.3 | 52.4 | 0.2 | 0.3% |
| 54.3% | 52.2 | 52.4 | 0.1 | 0.2% |
| 55.6% | 52.2 | 52.3 | 0.2 | 0.4% |
| 56.8% | 52.1 | 52.3 | 0.2 | 0.4% |
| 58.0% | 52.1 | 52.3 | 0.2 | 0.4% |
| 59.3% | 51.9 | 52.2 | 0.3 | 0.5% |
| 60.5% | 51.9 | 52.2 | 0.2 | 0.5% |
| 61.7% | 51.8 | 52.1 | 0.3 | 0.6% |
| 63.0% | 51.8 | 52.1 | 0.3 | 0.6% |
| 64.2% | 51.8 | 52.1 | 0.3 | 0.6% |
| 65.4% | 51.7 | 52.1 | 0.4 | 0.7% |
| 66.7% | 51.7 | 52.1 | 0.3 | 0.7% |
| 67.9% | 51.7 | 52.0 | 0.4 | 0.7% |
| 69.1% | 51.7 | 52.0 | 0.3 | 0.6% |
| 70.4% | 51.7 | 51.9 | 0.3 | 0.5% |
| 71.6% | 51.6 | 51.9 | 0.3 | 0.5% |
| 72.8% | 51.6 | 51.9 | 0.3 | 0.5% |
| 74.1% | 51.6 | 51.8 | 0.2 | 0.4% |
| 75.3% | 51.6 | 51.8 | 0.2 | 0.4% |
| 76.5% | 51.5 | 51.7 | 0.2 | 0.3% |
| 77.8% | 51.5 | 51.6 | 0.1 | 0.1% |
| 79.0% | 51.5 | 51.6 | 0.1 | 0.2% |
| 80.2% | 51.4 | 51.5 | 0.1 | 0.3% |
| 81.5% | 51.4 | 51.5 | 0.1 | 0.3% |
| 82.7% | 51.3 | 51.5 | 0.2 | 0.3% |
| 84.0% | 51.3 | 51.5 | 0.2 | 0.4% |
| 85.2% | 51.2 | 51.4 | 0.2 | 0.5% |
| 86.4% | 51.1 | 51.2 | 0.1 | 0.2% |
| 87.7% | 51.1 | 51.1 | 0.0 | 0.1% |
| 88.9% | 51.1 | 51.1 | 0.0 | 0.1% |
| 90.1% | 51.1 | 51.1 | 0.0 | 0.0% |
| 91.4% | 50.9 | 51.0 | 0.1 | 0.1% |
| 92.6% | 50.9 | 51.0 | 0.1 | 0.2% |
| 93.8% | 50.8 | 50.9 | 0.1 | 0.2% |
| 95.1% | 50.7 | 50.7 | 0.0 | 0.0% |
| 96.3% | 50.7 | 50.5 | -0.2 | -0.4% |
| 97.5% | 50.5 | 50.4 | -0.1 | -0.1% |
| 98.8% | 50.5 | 50.3 | -0.1 | -0.2% |
| 100.0% | 50.4 | 50.2 | -0.2 | -0.4% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 64.5 | 62.3 | -2.2 | -3.4% |
| 1.2% | 59.8 | 56.2 | -3.6 | -6.1% |
| 2.5% | 57.8 | 55.6 | -2.2 | -3.7% |
| 3.7% | 55.8 | 55.2 | -0.6 | -1.2% |
| 4.9% | 55.5 | 54.8 | -0.7 | -1.3% |
| 6.2% | 55.0 | 54.8 | -0.2 | -0.3% |
| 7.4% | 54.9 | 54.8 | -0.1 | -0.3% |
| 8.6% | 54.7 | 54.5 | -0.1 | -0.3% |
| 9.9% | 54.4 | 54.4 | 0.0 | -0.1% |
| 11.1% | 54.3 | 54.3 | 0.0 | 0.0% |
| 12.3% | 54.3 | 54.3 | 0.0 | 0.0% |
| 13.6% | 54.1 | 54.3 | 0.1 | 0.2% |
| 14.8% | 54.1 | 54.0 | 0.0 | -0.1% |
| 16.0% | 54.1 | 54.0 | -0.1 | -0.1% |
| 17.3% | 54.1 | 53.9 | -0.1 | -0.2% |
| 18.5% | 54.0 | 53.9 | -0.1 | -0.2% |
| 19.8% | 54.0 | 53.8 | -0.1 | -0.3% |
| 21.0% | 54.0 | 53.8 | -0.2 | -0.3% |
| 22.2% | 53.9 | 53.8 | -0.2 | -0.3% |
| 23.5% | 53.9 | 53.7 | -0.2 | -0.3% |
| 24.7% | 53.9 | 53.7 | -0.1 | -0.2% |
| 25.9% | 53.8 | 53.7 | -0.1 | -0.2% |
| 27.2% | 53.8 | 53.7 | -0.1 | -0.2% |
| 28.4% | 53.8 | 53.7 | -0.1 | -0.2% |
| 29.6% | 53.8 | 53.7 | -0.1 | -0.2% |
| 30.9% | 53.6 | 53.7 | 0.1 | 0.1% |
| 32.1% | 53.6 | 53.6 | 0.1 | 0.1% |
| 33.3% | 53.6 | 53.6 | 0.0 | 0.0% |
| 34.6% | 53.4 | 53.5 | 0.1 | 0.1% |
| 35.8% | 53.4 | 53.5 | 0.1 | 0.2% |
| 37.0% | 53.4 | 53.4 | 0.0 | 0.1% |
| 38.3% | 53.2 | 53.3 | 0.1 | 0.2% |
| 39.5% | 53.1 | 53.2 | 0.1 | 0.2% |
| 40.7% | 53.1 | 53.2 | 0.1 | 0.1% |
| 42.0% | 53.0 | 53.1 | 0.2 | 0.3% |
| 43.2% | 53.0 | 53.0 | 0.0 | 0.0% |
| 44.4% | 52.9 | 52.9 | 0.0 | 0.0% |
| 45.7% | 52.9 | 52.9 | 0.0 | 0.0% |
| 46.9% | 52.9 | 52.9 | 0.0 | 0.0% |
| 48.1% | 52.7 | 52.8 | 0.1 | 0.2% |
| 49.4% | 52.7 | 52.8 | 0.1 | 0.2% |
| 50.6% | 52.7 | 52.8 | 0.1 | 0.2% |
| 51.9% | 52.5 | 52.8 | 0.3 | 0.5% |
| 53.1% | 52.5 | 52.8 | 0.3 | 0.5% |
| 54.3% | 52.4 | 52.7 | 0.3 | 0.6% |
| 55.6% | 52.4 | 52.7 | 0.3 | 0.6% |
| 56.8% | 52.4 | 52.7 | 0.3 | 0.6% |
| 58.0% | 52.3 | 52.6 | 0.3 | 0.5% |
| 59.3% | 52.3 | 52.6 | 0.3 | 0.5% |
| 60.5% | 52.3 | 52.6 | 0.3 | 0.6% |
| 61.7% | 52.3 | 52.6 | 0.3 | 0.6% |
| 63.0% | 52.2 | 52.5 | 0.3 | 0.6% |
| 64.2% | 52.2 | 52.5 | 0.3 | 0.6% |
| 65.4% | 52.2 | 52.4 | 0.3 | 0.5% |
| 66.7% | 52.1 | 52.4 | 0.3 | 0.6% |
| 67.9% | 52.1 | 52.3 | 0.2 | 0.3% |
| 69.1% | 52.1 | 52.1 | 0.1 | 0.1% |
| 70.4% | 52.0 | 52.0 | 0.0 | 0.0% |
| 71.6% | 52.0 | 52.0 | 0.0 | 0.0% |
| 72.8% | 52.0 | 52.0 | 0.0 | 0.0% |
| 74.1% | 51.9 | 52.0 | 0.1 | 0.1% |
| 75.3% | 51.9 | 51.9 | 0.0 | 0.1% |
| 76.5% | 51.8 | 51.9 | 0.1 | 0.1% |
| 77.8% | 51.8 | 51.9 | 0.0 | 0.1% |
| 79.0% | 51.5 | 51.8 | 0.3 | 0.6% |
| 80.2% | 51.5 | 51.8 | 0.3 | 0.6% |
| 81.5% | 51.5 | 51.8 | 0.3 | 0.7% |
| 82.7% | 51.4 | 51.6 | 0.2 | 0.4% |
| 84.0% | 51.4 | 51.6 | 0.1 | 0.3% |
| 85.2% | 51.4 | 51.3 | -0.1 | -0.2% |
| 86.4% | 51.3 | 51.2 | -0.1 | -0.1% |
| 87.7% | 51.3 | 51.2 | 0.0 | -0.1% |
| 88.9% | 51.2 | 51.2 | 0.0 | -0.1% |
| 90.1% | 51.2 | 51.2 | 0.0 | -0.1% |
| 91.4% | 51.2 | 51.1 | 0.0 | -0.1% |
| 92.6% | 51.1 | 51.0 | -0.1 | -0.2% |
| 93.8% | 50.9 | 50.9 | 0.0 | -0.1% |
| 95.1% | 50.9 | 50.8 | -0.1 | -0.3% |
| 96.3% | 50.8 | 50.7 | -0.1 | -0.2% |
| 97.5% | 50.5 | 50.4 | -0.2 | -0.3% |
| 98.8% | 50.5 | 50.3 | -0.2 | -0.3% |
| 100.0% | 50.3 | 49.9 | -0.5 | -1.0% |

**Figure SQ3-1b**
**Sacramento River at Bonnyview Bridge, Monthly Temperature**
**Probability of Exceedance**



## Table SQ3-1b

Sacramento River at Bonnyview Bridge, Monthly Temperature

Probability of Exceedance

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 63.7 | 61.8 | -1.9 | -3.0% | 0.0% | 58.4 | 58.2 | -0.2 | -0.3% | 0.0% | 55.5 | 55.4 | -0.2 | -0.3% | 0.0% | 53.9 | 53.9 | 0.0 | 0.0% |
| 1.2% | 63.6 | 61.7 | -1.9 | -3.0% | 1.2% | 57.8 | 57.9 | 0.1 | 0.2% | 1.2% | 55.0 | 54.9 | -0.2 | -0.3% | 1.2% | 51.9 | 51.8 | -0.1 | -0.2% |
| 2.5% | 61.5 | 60.9 | -0.6 | -1.0% | 2.5% | 57.4 | 57.5 | 0.1 | 0.2% | 2.5% | 54.9 | 54.5 | -0.4 | -0.8% | 2.5% | 51.7 | 51.5 | -0.2 | -0.5% |
| 3.7% | 60.4 | 60.4 | 0.0 | 0.0% | 3.7% | 56.8 | 56.9 | 0.1 | 0.1% | 3.7% | 54.5 | 54.4 | 0.0 | 0.0% | 3.7% | 51.3 | 51.3 | 0.0 | -0.1% |
| 4.9% | 58.2 | 58.3 | 0.1 | 0.1% | 4.9% | 56.7 | 56.9 | 0.2 | 0.3% | 4.9% | 54.4 | 54.2 | -0.2 | -0.3% | 4.9% | 51.3 | 51.2 | -0.1 | -0.2% |
| 6.2% | 57.7 | 56.9 | -0.8 | -1.3% | 6.2% | 56.6 | 56.8 | 0.2 | 0.4% | 6.2% | 54.4 | 54.1 | -0.3 | -0.5% | 6.2% | 51.1 | 51.2 | 0.0 | 0.1% |
| 7.4% | 57.2 | 56.8 | -0.4 | -0.6% | 7.4% | 56.6 | 56.8 | 0.2 | 0.4% | 7.4% | 54.2 | 53.9 | -0.2 | -0.4% | 7.4% | 51.0 | 50.6 | -0.4 | -0.8% |
| 8.6% | 56.9 | 56.7 | -0.2 | -0.4% | 8.6% | 56.6 | 56.5 | 0.0 | -0.1% | 8.6% | 54.0 | 53.7 | -0.3 | -0.6% | 8.6% | 50.7 | 50.5 | -0.2 | -0.4% |
| 9.9% | 56.6 | 56.7 | 0.1 | 0.1% | 9.9% | 56.5 | 56.5 | 0.0 | 0.0% | 9.9% | 53.5 | 53.6 | 0.1 | 0.3% | 9.9% | 50.4 | 50.3 | -0.1 | -0.3% |
| 11.1% | 56.5 | 56.6 | 0.2 | 0.3% | 11.1% | 56.4 | 56.4 | 0.0 | -0.1% | 11.1% | 53.4 | 53.5 | 0.1 | 0.2% | 11.1% | 50.1 | 50.2 | 0.0 | 0.1% |
| 12.3% | 56.4 | 56.6 | 0.2 | 0.3% | 12.3% | 56.4 | 56.3 | -0.1 | -0.1% | 12.3% | 53.4 | 53.5 | 0.1 | 0.3% | 12.3% | 50.1 | 50.1 | 0.0 | 0.0% |
| 13.6% | 56.2 | 56.5 | 0.3 | 0.5% | 13.6% | 56.3 | 56.2 | 0.0 | -0.1% | 13.6% | 53.3 | 53.5 | 0.1 | 0.3% | 13.6% | 50.0 | 50.0 | 0.1 | 0.1% |
| 14.8% | 56.2 | 56.5 | 0.2 | 0.4% | 14.8% | 56.3 | 56.2 | -0.1 | -0.1% | 14.8% | 53.3 | 53.5 | 0.2 | 0.3% | 14.8% | 49.9 | 50.0 | 0.1 | 0.2% |
| 16.0% | 56.2 | 56.4 | 0.3 | 0.5% | 16.0% | 56.2 | 56.2 | 0.0 | -0.1% | 16.0% | 53.3 | 53.5 | 0.2 | 0.3% | 16.0% | 49.8 | 49.8 | 0.1 | 0.1% |
| 17.3% | 56.2 | 56.4 | 0.3 | 0.5% | 17.3% | 56.2 | 56.2 | 0.0 | -0.1% | 17.3% | 53.3 | 53.4 | 0.2 | 0.3% | 17.3% | 49.8 | 49.8 | 0.1 | 0.1% |
| 18.5% | 56.1 | 56.3 | 0.2 | 0.4% | 18.5% | 56.2 | 56.1 | -0.1 | -0.2% | 18.5% | 53.2 | 53.4 | 0.2 | 0.5% | 18.5% | 49.8 | 49.7 | -0.1 | -0.2% |
| 19.8% | 56.1 | 56.3 | 0.2 | 0.3% | 19.8% | 56.1 | 56.1 | -0.1 | -0.1% | 19.8% | 53.1 | 53.3 | 0.2 | 0.3% | 19.8% | 49.6 | 49.6 | 0.0 | 0.0% |
| 21.0% | 56.1 | 56.2 | 0.1 | 0.1% | 21.0% | 56.1 | 56.1 | 0.0 | -0.1% | 21.0% | 53.1 | 53.2 | 0.1 | 0.2% | 21.0% | 49.6 | 49.6 | 0.0 | 0.0% |
| 22.2% | 56.1 | 56.2 | 0.1 | 0.1% | 22.2% | 56.0 | 56.0 | 0.0 | 0.0% | 22.2% | 53.0 | 53.2 | 0.1 | 0.2% | 22.2% | 49.6 | 49.6 | 0.0 | 0.0% |
| 23.5% | 56.1 | 56.2 | 0.1 | 0.2% | 23.5% | 56.0 | 56.0 | 0.0 | 0.0% | 23.5% | 53.0 | 53.1 | 0.1 | 0.2% | 23.5% | 49.6 | 49.5 | 0.0 | -0.1% |
| 24.7% | 56.1 | 56.2 | 0.1 | 0.2% | 24.7% | 56.0 | 56.0 | 0.0 | 0.0% | 24.7% | 53.0 | 53.1 | 0.1 | 0.1% | 24.7% | 49.5 | 49.5 | 0.0 | 0.0% |
| 25.9% | 56.1 | 56.1 | 0.0 | 0.1% | 25.9% | 55.9 | 56.0 | 0.0 | 0.1% | 25.9% | 53.0 | 53.0 | 0.0 | 0.0% | 25.9% | 49.4 | 49.4 | 0.0 | -0.1% |
| 27.2% | 56.0 | 56.0 | 0.1 | 0.1% | 27.2% | 55.9 | 56.0 | 0.0 | 0.0% | 27.2% | 53.0 | 53.0 | 0.0 | 0.0% | 27.2% | 49.4 | 49.4 | 0.0 | -0.1% |
| 28.4% | 56.0 | 56.0 | 0.0 | 0.0% | 28.4% | 55.9 | 55.9 | 0.0 | 0.0% | 28.4% | 52.9 | 52.9 | 0.0 | 0.0% | 28.4% | 49.3 | 49.4 | 0.1 | 0.1% |
| 29.6% | 55.9 | 56.0 | 0.0 | 0.0% | 29.6% | 55.9 | 55.9 | 0.0 | 0.0% | 29.6% | 52.9 | 52.9 | 0.0 | 0.0% | 29.6% | 49.2 | 49.3 | 0.1 | 0.2% |
| 30.9% | 55.9 | 55.8 | -0.1 | -0.2% | 30.9% | 55.9 | 55.9 | 0.0 | -0.1% | 30.9% | 52.8 | 52.9 | 0.1 | 0.1% | 30.9% | 49.1 | 49.0 | 0.0 | 0.0% |
| 32.1% | 55.9 | 55.8 | -0.1 | -0.2% | 32.1% | 55.9 | 55.9 | 0.0 | 0.0% | 32.1% | 52.8 | 52.8 | 0.0 | -0.1% | 32.1% | 49.1 | 49.0 | 0.0 | -0.1% |
| 33.3% | 55.8 | 55.7 | -0.1 | -0.3% | 33.3% | 55.8 | 55.8 | 0.0 | 0.0% | 33.3% | 52.8 | 52.8 | 0.0 | 0.0% | 33.3% | 48.9 | 49.0 | 0.1 | 0.1% |
| 34.6% | 55.8 | 55.7 | -0.2 | -0.3% | 34.6% | 55.8 | 55.8 | 0.0 | 0.0% | 34.6% | 52.8 | 52.8 | 0.0 | 0.0% | 34.6% | 48.9 | 49.0 | 0.1 | 0.1% |
| 35.8% | 55.8 | 55.7 | -0.1 | -0.3% | 35.8% | 55.8 | 55.8 | 0.0 | 0.0% | 35.8% | 52.7 | 52.7 | 0.0 | 0.1% | 35.8% | 48.9 | 49.0 | 0.1 | 0.2% |
| 37.0% | 55.7 | 55.6 | 0.0 | -0.1% | 37.0% | 55.8 | 55.8 | 0.0 | 0.0% | 37.0% | 52.6 | 52.6 | 0.0 | 0.0% | 37.0% | 48.8 | 48.9 | 0.1 | 0.2% |
| 38.3% | 55.7 | 55.6 | 0.0 | -0.1% | 38.3% | 55.8 | 55.8 | 0.0 | 0.0% | 38.3% | 52.5 | 52.6 | 0.1 | 0.2% | 38.3% | 48.8 | 48.9 | 0.1 | 0.3% |
| 39.5% | 55.7 | 55.5 | -0.1 | -0.2% | 39.5% | 55.8 | 55.7 | -0.1 | -0.1% | 39.5% | 52.4 | 52.5 | 0.1 | 0.3% | 39.5% | 48.8 | 48.9 | 0.1 | 0.2% |
| 40.7% | 55.6 | 55.5 | -0.1 | -0.2% | 40.7% | 55.8 | 55.7 | 0.0 | -0.1% | 40.7% | 52.4 | 52.5 | 0.1 | 0.2% | 40.7% | 48.7 | 48.7 | 0.0 | 0.1% |
| 42.0% | 55.5 | 55.5 | 0.0 | -0.1% | 42.0% | 55.7 | 55.7 | 0.0 | 0.0% | 42.0% | 52.4 | 52.5 | 0.1 | 0.3% | 42.0% | 48.5 | 48.7 | 0.2 | 0.3% |
| 43.2% | 55.5 | 55.4 | -0.1 | -0.1% | 43.2% | 55.7 | 55.7 | 0.0 | -0.1% | 43.2% | 52.4 | 52.5 | 0.1 | 0.2% | 43.2% | 48.5 | 48.6 | 0.1 | 0.2% |
| 44.4% | 55.5 | 55.4 | -0.1 | -0.1% | 44.4% | 55.7 | 55.6 | 0.0 | 0.0% | 44.4% | 52.3 | 52.4 | 0.1 | 0.2% | 44.4% | 48.5 | 48.5 | 0.0 | 0.0% |
| 45.7% | 55.5 | 55.4 | 0.0 | -0.1% | 45.7% | 55.6 | 55.6 | 0.0 | 0.0% | 45.7% | 52.3 | 52.4 | 0.1 | 0.2% | 45.7% | 48.5 | 48.5 | 0.0 | 0.0% |
| 46.9% | 55.4 | 55.4 | 0.0 | 0.0% | 46.9% | 55.6 | 55.6 | 0.0 | 0.0% | 46.9% | 52.1 | 52.4 | 0.2 | 0.5% | 46.9% | 48.5 | 48.5 | 0.0 | 0.0% |
| 48.1% | 55.4 | 55.4 | 0.0 | 0.0% | 48.1% | 55.6 | 55.5 | 0.0 | -0.1% | 48.1% | 52.1 | 52.4 | 0.2 | 0.4% | 48.1% | 48.5 | 48.4 | 0.0 | -0.1% |
| 49.4% | 55.4 | 55.4 | 0.0 | 0.0% | 49.4% | 55.6 | 55.5 | 0.0 | -0.1% | 49.4% | 52.1 | 52.4 | 0.2 | 0.5% | 49.4% | 48.4 | 48.4 | 0.0 | 0.1% |
| 50.6% | 55.4 | 55.4 | 0.0 | 0.0% | 50.6% | 55.5 | 55.5 | 0.0 | -0.1% | 50.6% | 52.1 | 52.3 | 0.1 | 0.3% | 50.6% | 48.3 | 48.4 | 0.1 | 0.2% |
| 51.9% | 55.4 | 55.4 | 0.0 | 0.0% | 51.9% | 55.5 | 55.5 | 0.0 | 0.0% | 51.9% | 52.1 | 52.0 | -0.1 | -0.2% | 51.9% | 48.3 | 48.3 | 0.0 | 0.1% |
| 53.1% | 55.4 | 55.3 | 0.0 | 0.0% | 53.1% | 55.5 | 55.5 | 0.0 | 0.0% | 53.1% | 52.0 | 51.9 | -0.1 | -0.2% | 53.1% | 48.3 | 48.2 | 0.0 | -0.1% |
| 54.3% | 55.3 | 55.3 | 0.0 | -0.1% | 54.3% | 55.5 | 55.5 | 0.0 | 0.0% | 54.3% | 52.0 | 51.8 | -0.2 | -0.3% | 54.3% | 48.2 | 48.2 | 0.0 | 0.0% |
| 55.6% | 55.3 | 55.3 | 0.0 | 0.0% | 55.6% | 55.4 | 55.4 | 0.0 | 0.0% | 55.6% | 51.7 | 51.8 | 0.1 | 0.2% | 55.6% | 48.1 | 48.2 | 0.1 | 0.1% |
| 56.8% | 55.3 | 55.2 | -0.1 | -0.1% | 56.8% | 55.4 | 55.4 | 0.0 | 0.0% | 56.8% | 51.6 | 51.7 | 0.1 | 0.2% | 56.8% | 48.1 | 48.2 | 0.1 | 0.1% |
| 58.0% | 55.2 | 55.2 | 0.0 | 0.0% | 58.0% | 55.4 | 55.4 | 0.1 | 0.1% | 58.0% | 51.6 | 51.6 | 0.0 | -0.1% | 58.0% | 48.1 | 48.1 | 0.0 | 0.1% |
| 59.3% | 55.2 | 55.2 | 0.0 | 0.0% | 59.3% | 55.4 | 55.4 | 0.0 | 0.1% | 59.3% | 51.5 | 51.6 | 0.0 | 0.0% | 59.3% | 48.0 | 48.1 | 0.1 | 0.2% |
| 60.5% | 55.2 | 55.2 | 0.0 | 0.0% | 60.5% | 55.3 | 55.4 | 0.0 | 0.1% | 60.5% | 51.4 | 51.6 | 0.2 | 0.3% | 60.5% | 47.9 | 48.1 | 0.1 | 0.3% |
| 61.7% | 55.1 | 55.1 | 0.0 | -0.1% | 61.7% | 55.3 | 55.3 | 0.0 | 0.0% | 61.7% | 51.3 | 51.5 | 0.2 | 0.5% | 61.7% | 47.9 | 48.0 | 0.1 | 0.2% |
| 63.0% | 55.1 | 55.1 | 0.0 | 0.0% | 63.0% | 55.3 | 55.3 | 0.0 | 0.0% | 63.0% | 51.3 | 51.5 | 0.3 | 0.5% | 63.0% | 47.9 | 48.0 | 0.1 | 0.2% |
| 64.2% | 55.1 | 55.1 | 0.0 | 0.1% | 64.2% | 55.3 | 55.3 | 0.0 | 0.0% | 64.2% | 51.2 | 51.5 | 0.2 | 0.5% | 64.2% | 47.9 | 48.0 | 0.1 | 0.1% |
| 65.4% | 55.0 | 55.1 | 0.1 | 0.1% | 65.4% | 55.2 | 55.3 | 0.1 | 0.1% | 65.4% | 51.2 | 51.5 | 0.2 | 0.4% | 65.4% | 47.7 | 47.8 | 0.1 | 0.1% |
| 66.7% | 55.0 | 55.1 | 0.1 | 0.1% | 66.7% | 55.2 | 55.2 | 0.0 | 0.1% | 66.7% | 51.2 | 51.4 | 0.2 | 0.4% | 66.7% | 47.7 | 47.7 | 0.0 | -0.1% |
| 67.9% | 54.9 | 55.1 | 0.1 | 0.2% | 67.9% | 55.2 | 55.2 | 0.1 | 0.1% | 67.9% | 51.2 | 51.4 | 0.2 | 0.4% | 67.9% | 47.7 | 47.6 | 0.0 | -0.1% |
| 69.1% | 54.9 | 55.0 | 0.1 | 0.2% | 69.1% | 55.1 | 55.2 | 0.1 | 0.3% | 69.1% | 51.1 | 51.4 | 0.3 | 0.6% | 69.1% | 47.7 | 47.6 | -0.1 | -0.2% |
| 70.4% | 54.9 | 55.0 | 0.1 | 0.2% | 70.4% | 55.0 | 55.2 | 0.2 | 0.3% | 70.4% | 51.0 | 51.3 | 0.3 | 0.6% | 70.4% | 47.6 | 47.5 | -0.1 | -0.3% |
| 71.6% | 54.8 | 55.0 | 0.1 | 0.3% | 71.6% | 55.0 | 55.2 | 0.1 | 0.2% | 71.6% | 51.0 | 51.2 | 0.3 | 0.6% | 71.6% | 47.6 | 47.5 | -0.1 | -0.3% |
| 72.8% | 54.8 | 55.0 | 0.2 | 0.3% | 72.8% | 55.0 | 55.2 | 0.1 | 0.2% | 72.8% | 50.9 | 51.2 | 0.3 | 0.6% | 72.8% | 47.5 | 47.5 | -0.1 | -0.1% |
| 74.1% | 54.8 | 55.0 | 0.2 | 0.3% | 74.1% | 55.0 | 55.1 | 0.2 | 0.3% | 74.1% | 50.9 | 51.0 | 0.1 | 0.2% | 74.1% | 47.5 | 47.2 | -0.3 | -0.6% |
| 75.3% | 54.8 | 55.0 | 0.2 | 0.3% | 75.3% | 55.0 | 55.1 | 0.2 | 0.3% | 75.3% | 50.9 | 50.9 | 0.1 | 0.1% | 75.3% | 47.5 | 47.2 | -0.3 | -0.6% |
| 76.5% | 54.8 | 54.9 | 0.2 | 0.3% | 76.5% | 54.9 | 54.9 | 0.0 | 0.0% | 76.5% | 50.8 | 50.9 | 0.1 | 0.2% | 76.5% | 47.4 | 47.1 | -0.3 | -0.6% |
| 77.8% | 54.7 | 54.9 | 0.2 | 0.4% | 77.8% | 54.9 | 54.9 | 0.0 | 0.0% | 77.8% | 50.8 | 50.9 | 0.1 | 0.2% | 77.8% | 47.2 | 47.1 | -0.1 | -0.3% |
| 79.0% | 54.6 | 54.9 | 0.3 | 0.5% | 79.0% | 54.9 | 54.9 | 0.0 | 0.0% | 79.0% | 50.8 | 50.9 | 0.1 | 0.2% | 79.0% | 47.2 | 47.1 | -0.1 | -0.2% |
| 80.2% | 54.6 | 54.9 | 0.3 | 0.5% | 80.2% | 54.9 | 54.9 | 0.0 | -0.1% | 80.2% | 50.8 | 50.8 | 0.1 | 0.1% | 80.2% | 47.1 | 47.0 | 0.0 | -0.1% |
| 81.5% | 54.6 | 54.8 | 0.2 | 0.4% | 81.5% | 54.8 | 54.9 | 0.1 | 0.1% | 81.5% | 50.7 | 50.8 | 0.0 | 0.0% | 81.5% | 47.0 | 47.0 | -0.1 | -0.1% |
| 82.7% | 54.6 | 54.7 | 0.1 | 0.1% | 82.7% | 54.8 | 54.8 | 0.0 | 0.1% | 82.7% | 50.6 | 50.7 | 0.1 | 0.2% | 82.7% | 46.8 | 46.9 | 0.2 | 0.3% |
| 84.0% | 54.6 | 54.6 | 0.1 | 0.1% | 84.0% | 54.8 | 54.8 | 0.1 | 0.1% | 84.0% | 50.6 | 50.7 | 0.1 | 0.2% | 84.0% | 46.8 | 46.9 | 0.1 | 0.3% |
| 85.2% | 54.5 | 54.6 | 0.1 | 0.2% | 85.2% | 54.8 | 54.8 | 0.1 | 0.1% | 85.2% | 50.4 | 50.7 | 0.2 | 0.4% | 85.2% | 46.7 | 46.6 | -0.1 | -0.2% |
| 86.4% | 54.5 | 54.5 | 0.0 | -0.1% | 86.4% | 54.7 | 54.7 | 0.0 | 0.1% | 86.4% | 50.4 | 50.6 | 0.3 | 0.5% | 86.4% | 46.7 | 46.6 | 0.0 | -0.1% |
| 87.7% | 54.5 | 54.4 | -0.1 | -0.1% | 87.7% | 54.7 | 54.6 | -0.1 | -0.1% | 87.7% | 50.3 | 50.4 | 0.1 | 0.2% | 87.7% | 46.6 | 46.4 | -0.2 | -0.4% |
| 88.9% | 54.3 | 54.4 | 0.1 | 0.1% | 88.9% | 54.6 | 54.6 | 0.0 | 0.0% | 88.9% | 50.3 | 50.3 | 0.0 | 0.1% | 88.9% | 46.6 | 46.3 | -0.3 | -0.6% |
| 90.1% | 54.2 | 54.3 | 0.1 | 0.1% | 90.1% | 54.5 | 54.5 | 0.0 | 0.0% | 90.1% | 50.2 | 50.3 | 0.1 | 0.3% | 90.1% | 46.2 | 46.1 | -0.1 | -0.2% |
| 91.4% | 54.2 | 54.3 | 0.1 | 0.2% | 91.4% | 54.4 | 54.3 | -0.1 | -0.1% | 91.4% | 50.1 | 50.3 | 0.3 | 0.5% | 91.4% | 46.2 | 46.0 | -0.2 | -0.5% |
| 92.6% | 54.2 | 54.2 | 0.0 | 0.0% | 92.6% | 54.4 | 54.3 | -0.1 | -0.1% | 92.6% | 50.1 | 49.9 | -0.2 | -0.4% | 92.6% | 46.2 | 46.0 | -0.2 | -0.4% |
| 93.8% | 54.1 | 54.1 | 0.0 | -0.1% | 93.8% | 54.3 | 54.0 | -0.3 | -0.6% | 93.8% | 50.0 | 49.8 | -0.2 | -0.3% | 93.8% | 46.0 | 46.0 | -0.1 | -0.2% |
| 95.1% | 54.0 | 54.1 | 0.1 | 0.1% | 95.1% | 54.1 | 54.0 | -0.1 | -0.2% | 95.1% | 50.0 | 49.8 | -0.2 | -0.3% | 95.1% | 45.5 | 45.4 | -0.1 | -0.2% |
| 96.3% | 54.0 | 53.9 | -0.1 | -0.2% | 96.3% | 54.1 | 54.0 | -0.1 | -0.2% | 96.3% | 49.7 | 49.5 | -0.2 | -0.3% | 96.3% | 45.4 | 45.3 | -0.2 | -0.4% |
| 97.5% | 53.9 | 53.8 | -0.2 | -0.3% | 97.5% | 54.0 | 53.9 | -0.1 | -0.2% | 97.5% | 49.3 | 48.9 | -0.4 | -0.8% | 97.5% | 45.4 | 45.2 | -0.2 | -0.4% |
| 98.8% | 53.7 | 53.4 | -0.3 | -0.6% | 98.8% | 53.9 | 53.6 | -0.3 | -0.6% | 98.8% | 49.0 | 48.8 | -0.3 | -0.6% | 98.8% | 45.3 | 45.1 | -0.2 | -0.3% |
| 100.0% | 53.7 | 53.4 | 0.0 | -0.6% | 100.0% | 53.9 | 53.6 | -0.3 | -0.6% | 100.0% | 49.0 | 48.8 | -0.3 | -0.6% | 100.0% | 45.3 | 45.1 | -0.2 | -0.3% |

## Table SQ3-1b

Sacramento River at Bonnyview Bridge, Monthly Temperature

Probability of Exceedance

| February | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 52.5 | 52.3 | -0.2 | -0.3% |
| 1.2% | 50.9 | 51.0 | 0.1 | 0.2% |
| 2.5% | 49.8 | 50.1 | 0.3 | 0.7% |
| 3.7% | 49.6 | 49.5 | 0.0 | -0.1% |
| 4.9% | 49.4 | 49.5 | 0.1 | 0.2% |
| 6.2% | 49.2 | 49.4 | 0.3 | 0.5% |
| 7.4% | 49.2 | 49.2 | 0.1 | 0.1% |
| 8.6% | 49.1 | 49.1 | 0.1 | 0.1% |
| 9.9% | 49.0 | 49.0 | 0.0 | 0.0% |
| 11.1% | 49.0 | 49.0 | 0.0 | 0.0% |
| 12.3% | 49.0 | 49.0 | 0.0 | 0.0% |
| 13.6% | 49.0 | 49.0 | 0.0 | 0.0% |
| 14.8% | 48.7 | 49.0 | 0.2 | 0.4% |
| 16.0% | 48.7 | 48.6 | -0.1 | -0.1% |
| 17.3% | 48.6 | 48.6 | 0.0 | 0.0% |
| 18.5% | 48.5 | 48.5 | 0.0 | 0.1% |
| 19.8% | 48.5 | 48.5 | 0.0 | 0.0% |
| 21.0% | 48.5 | 48.4 | -0.1 | -0.1% |
| 22.2% | 48.5 | 48.4 | 0.0 | -0.1% |
| 23.5% | 48.4 | 48.3 | -0.1 | -0.2% |
| 24.7% | 48.4 | 48.3 | -0.1 | -0.3% |
| 25.9% | 48.3 | 48.3 | 0.0 | -0.1% |
| 27.2% | 48.3 | 48.2 | 0.0 | -0.1% |
| 28.4% | 48.2 | 48.2 | -0.1 | -0.1% |
| 29.6% | 48.2 | 48.1 | 0.0 | -0.1% |
| 30.9% | 48.2 | 48.1 | -0.1 | -0.1% |
| 32.1% | 48.1 | 48.1 | 0.0 | -0.1% |
| 33.3% | 48.1 | 48.0 | 0.0 | -0.1% |
| 34.6% | 48.1 | 48.0 | 0.0 | -0.1% |
| 35.8% | 48.0 | 48.0 | 0.0 | -0.1% |
| 37.0% | 48.0 | 47.9 | -0.1 | -0.2% |
| 38.3% | 48.0 | 47.9 | -0.1 | -0.2% |
| 39.5% | 47.9 | 47.8 | -0.1 | -0.2% |
| 40.7% | 47.8 | 47.7 | 0.0 | -0.1% |
| 42.0% | 47.6 | 47.7 | 0.0 | 0.1% |
| 43.2% | 47.6 | 47.6 | 0.0 | -0.1% |
| 44.4% | 47.6 | 47.5 | -0.1 | -0.2% |
| 45.7% | 47.5 | 47.4 | -0.1 | -0.2% |
| 46.9% | 47.3 | 47.2 | 0.0 | 0.0% |
| 48.1% | 47.2 | 47.2 | 0.0 | 0.0% |
| 49.4% | 47.1 | 47.1 | 0.0 | -0.1% |
| 50.6% | 47.1 | 47.1 | 0.0 | -0.1% |
| 51.9% | 47.1 | 47.0 | -0.1 | -0.2% |
| 53.1% | 47.1 | 47.0 | -0.1 | -0.2% |
| 54.3% | 47.0 | 47.0 | 0.0 | -0.1% |
| 55.6% | 46.9 | 46.9 | 0.0 | 0.0% |
| 56.8% | 46.9 | 46.9 | 0.0 | 0.0% |
| 58.0% | 46.8 | 46.9 | 0.1 | 0.2% |
| 59.3% | 46.8 | 46.7 | -0.1 | -0.2% |
| 60.5% | 46.7 | 46.7 | -0.1 | -0.1% |
| 61.7% | 46.6 | 46.6 | 0.1 | 0.1% |
| 63.0% | 46.6 | 46.5 | -0.1 | -0.1% |
| 64.2% | 46.5 | 46.5 | 0.0 | 0.0% |
| 65.4% | 46.4 | 46.5 | 0.1 | 0.1% |
| 66.7% | 46.3 | 46.4 | 0.1 | 0.2% |
| 67.9% | 46.3 | 46.2 | -0.1 | -0.2% |
| 69.1% | 46.3 | 46.2 | -0.1 | -0.2% |
| 70.4% | 46.3 | 46.2 | -0.1 | -0.2% |
| 71.6% | 46.3 | 46.1 | -0.2 | -0.4% |
| 72.8% | 46.0 | 46.0 | 0.0 | -0.1% |
| 74.1% | 46.0 | 45.9 | 0.0 | -0.1% |
| 75.3% | 45.9 | 45.8 | -0.1 | -0.2% |
| 76.5% | 45.9 | 45.8 | -0.1 | -0.2% |
| 77.8% | 45.9 | 45.7 | -0.2 | -0.4% |
| 79.0% | 45.8 | 45.7 | -0.1 | -0.3% |
| 80.2% | 45.8 | 45.6 | -0.2 | -0.4% |
| 81.5% | 45.7 | 45.6 | -0.1 | -0.3% |
| 82.7% | 45.7 | 45.6 | -0.1 | -0.3% |
| 84.0% | 45.7 | 45.5 | -0.2 | -0.4% |
| 85.2% | 45.7 | 45.4 | -0.2 | -0.5% |
| 86.4% | 45.6 | 45.4 | -0.2 | -0.4% |
| 87.7% | 45.6 | 45.2 | -0.3 | -0.7% |
| 88.9% | 45.1 | 45.1 | -0.1 | -0.1% |
| 90.1% | 45.1 | 45.0 | -0.1 | -0.2% |
| 91.4% | 45.0 | 45.0 | -0.1 | -0.1% |
| 92.6% | 45.0 | 44.9 | -0.1 | -0.3% |
| 93.8% | 45.0 | 44.8 | -0.1 | -0.3% |
| 95.1% | 44.9 | 44.8 | -0.1 | -0.3% |
| 96.3% | 44.9 | 44.8 | -0.1 | -0.3% |
| 97.5% | 44.9 | 44.7 | -0.2 | -0.5% |
| 98.8% | 43.8 | 43.7 | -0.1 | -0.2% |
| 100.0% | 43.8 | 43.7 | -0.1 | -0.2% |

| March | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 52.9 | 52.9 | 0.1 | 0.1% |
| 1.2% | 51.8 | 51.8 | 0.0 | 0.1% |
| 2.5% | 51.3 | 51.2 | -0.1 | -0.2% |
| 3.7% | 51.1 | 51.2 | 0.0 | 0.0% |
| 4.9% | 50.9 | 50.8 | 0.0 | -0.1% |
| 6.2% | 50.7 | 50.6 | -0.2 | -0.3% |
| 7.4% | 50.5 | 50.5 | 0.0 | 0.0% |
| 8.6% | 50.5 | 50.4 | -0.1 | -0.1% |
| 9.9% | 50.4 | 50.4 | 0.0 | -0.1% |
| 11.1% | 50.2 | 50.3 | 0.1 | 0.1% |
| 12.3% | 50.1 | 50.3 | 0.2 | 0.3% |
| 13.6% | 50.0 | 50.2 | 0.2 | 0.3% |
| 14.8% | 50.0 | 50.2 | 0.2 | 0.3% |
| 16.0% | 49.7 | 50.2 | 0.5 | 0.9% |
| 17.3% | 49.7 | 50.0 | 0.3 | 0.6% |
| 18.5% | 49.7 | 49.7 | 0.0 | 0.1% |
| 19.8% | 49.6 | 49.6 | 0.0 | -0.1% |
| 21.0% | 49.6 | 49.5 | 0.0 | -0.1% |
| 22.2% | 49.5 | 49.5 | 0.0 | 0.0% |
| 23.5% | 49.5 | 49.5 | 0.0 | 0.1% |
| 24.7% | 49.4 | 49.5 | 0.0 | 0.1% |
| 25.9% | 49.4 | 49.4 | 0.0 | -0.1% |
| 27.2% | 49.4 | 49.3 | -0.1 | -0.1% |
| 28.4% | 49.4 | 49.3 | 0.0 | -0.1% |
| 29.6% | 49.3 | 49.3 | 0.0 | 0.0% |
| 30.9% | 49.3 | 49.3 | 0.0 | -0.1% |
| 32.1% | 49.3 | 49.3 | 0.0 | 0.0% |
| 33.3% | 49.1 | 49.0 | -0.1 | -0.2% |
| 34.6% | 49.0 | 49.0 | 0.0 | -0.1% |
| 35.8% | 48.9 | 49.0 | 0.0 | 0.1% |
| 37.0% | 48.9 | 48.9 | 0.0 | 0.1% |
| 38.3% | 48.9 | 48.9 | 0.0 | 0.0% |
| 39.5% | 48.8 | 48.9 | 0.0 | 0.0% |
| 40.7% | 48.8 | 48.8 | 0.0 | -0.1% |
| 42.0% | 48.4 | 48.4 | 0.0 | 0.0% |
| 43.2% | 48.4 | 48.4 | 0.0 | 0.1% |
| 44.4% | 48.3 | 48.4 | 0.1 | 0.1% |
| 45.7% | 48.3 | 48.3 | 0.0 | 0.0% |
| 46.9% | 48.1 | 48.1 | 0.0 | 0.0% |
| 48.1% | 48.1 | 48.1 | 0.0 | 0.0% |
| 49.4% | 48.1 | 48.1 | 0.0 | -0.1% |
| 50.6% | 48.1 | 48.0 | -0.1 | -0.1% |
| 51.9% | 48.1 | 48.0 | 0.0 | -0.1% |
| 53.1% | 48.0 | 48.0 | 0.0 | -0.1% |
| 54.3% | 47.9 | 47.9 | 0.0 | 0.0% |
| 55.6% | 47.8 | 47.8 | -0.1 | -0.1% |
| 56.8% | 47.8 | 47.8 | 0.0 | 0.0% |
| 58.0% | 47.8 | 47.7 | 0.0 | -0.1% |
| 59.3% | 47.7 | 47.5 | -0.2 | -0.3% |
| 60.5% | 47.6 | 47.5 | -0.1 | -0.2% |
| 61.7% | 47.4 | 47.5 | 0.0 | 0.1% |
| 63.0% | 47.4 | 47.3 | -0.1 | -0.2% |
| 64.2% | 47.4 | 47.3 | -0.1 | -0.1% |
| 65.4% | 47.3 | 47.2 | -0.1 | -0.2% |
| 66.7% | 47.2 | 47.2 | 0.0 | 0.1% |
| 67.9% | 47.2 | 47.1 | -0.1 | -0.1% |
| 69.1% | 47.2 | 47.1 | -0.1 | -0.2% |
| 70.4% | 47.1 | 47.0 | -0.1 | -0.1% |
| 71.6% | 46.9 | 46.9 | 0.0 | 0.0% |
| 72.8% | 46.9 | 46.9 | 0.0 | 0.0% |
| 74.1% | 46.9 | 46.9 | 0.0 | 0.1% |
| 75.3% | 46.8 | 46.7 | -0.1 | -0.2% |
| 76.5% | 46.6 | 46.6 | -0.1 | -0.1% |
| 77.8% | 46.6 | 46.5 | -0.1 | -0.2% |
| 79.0% | 46.5 | 46.5 | 0.0 | 0.0% |
| 80.2% | 46.5 | 46.5 | 0.0 | 0.0% |
| 81.5% | 46.4 | 46.4 | 0.0 | 0.0% |
| 82.7% | 46.4 | 46.4 | 0.0 | 0.0% |
| 84.0% | 46.4 | 46.3 | 0.0 | -0.1% |
| 85.2% | 46.4 | 46.3 | 0.0 | -0.1% |
| 86.4% | 46.3 | 46.2 | -0.1 | -0.3% |
| 87.7% | 46.2 | 46.2 | -0.1 | -0.2% |
| 88.9% | 46.2 | 46.1 | 0.0 | -0.1% |
| 90.1% | 46.1 | 46.1 | 0.0 | 0.0% |
| 91.4% | 46.1 | 46.1 | 0.0 | 0.1% |
| 92.6% | 46.0 | 46.0 | 0.0 | 0.0% |
| 93.8% | 46.0 | 46.0 | 0.0 | 0.0% |
| 95.1% | 45.9 | 45.8 | -0.1 | -0.3% |
| 96.3% | 45.8 | 45.8 | 0.0 | -0.1% |
| 97.5% | 45.7 | 45.7 | 0.0 | 0.0% |
| 98.8% | 45.5 | 45.6 | 0.1 | 0.2% |
| 100.0% | 45.5 | 45.6 | 0.1 | 0.2% |

| April | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 53.9 | 53.9 | 0.0 | 0.0% |
| 1.2% | 52.6 | 53.3 | 0.6 | 1.2% |
| 2.5% | 52.1 | 52.5 | 0.4 | 0.9% |
| 3.7% | 52.0 | 52.1 | 0.0 | 0.1% |
| 4.9% | 52.0 | 51.9 | -0.1 | -0.2% |
| 6.2% | 51.8 | 51.8 | 0.0 | 0.0% |
| 7.4% | 51.7 | 51.7 | 0.1 | 0.1% |
| 8.6% | 51.2 | 51.0 | -0.2 | -0.4% |
| 9.9% | 51.1 | 50.8 | -0.4 | -0.7% |
| 11.1% | 51.1 | 50.8 | -0.3 | -0.7% |
| 12.3% | 50.9 | 50.7 | -0.2 | -0.5% |
| 13.6% | 50.9 | 50.7 | -0.2 | -0.4% |
| 14.8% | 50.9 | 50.6 | -0.3 | -0.5% |
| 16.0% | 50.7 | 50.6 | -0.1 | -0.1% |
| 17.3% | 50.7 | 50.6 | -0.1 | -0.2% |
| 18.5% | 50.7 | 50.6 | -0.1 | -0.2% |
| 19.8% | 50.6 | 50.6 | -0.1 | -0.1% |
| 21.0% | 50.6 | 50.5 | 0.0 | -0.1% |
| 22.2% | 50.5 | 50.5 | 0.0 | 0.0% |
| 23.5% | 50.4 | 50.5 | 0.1 | 0.3% |
| 24.7% | 50.3 | 50.4 | 0.1 | 0.2% |
| 25.9% | 50.3 | 50.4 | 0.1 | 0.2% |
| 27.2% | 50.2 | 50.4 | 0.2 | 0.4% |
| 28.4% | 50.1 | 50.4 | 0.3 | 0.5% |
| 29.6% | 50.0 | 50.2 | 0.1 | 0.3% |
| 30.9% | 50.0 | 50.2 | 0.2 | 0.4% |
| 32.1% | 49.9 | 50.1 | 0.2 | 0.4% |
| 33.3% | 49.9 | 50.1 | 0.2 | 0.3% |
| 34.6% | 49.8 | 49.9 | 0.1 | 0.2% |
| 35.8% | 49.8 | 49.9 | 0.1 | 0.2% |
| 37.0% | 49.8 | 49.9 | 0.1 | 0.2% |
| 38.3% | 49.8 | 49.8 | 0.0 | 0.1% |
| 39.5% | 49.7 | 49.8 | 0.0 | 0.0% |
| 40.7% | 49.6 | 49.7 | 0.1 | 0.2% |
| 42.0% | 49.5 | 49.7 | 0.1 | 0.3% |
| 43.2% | 49.5 | 49.6 | 0.1 | 0.2% |
| 44.4% | 49.5 | 49.6 | 0.1 | 0.2% |
| 45.7% | 49.5 | 49.6 | 0.1 | 0.2% |
| 46.9% | 49.5 | 49.5 | 0.1 | 0.1% |
| 48.1% | 49.4 | 49.5 | 0.1 | 0.2% |
| 49.4% | 49.4 | 49.5 | 0.1 | 0.3% |
| 50.6% | 49.3 | 49.4 | 0.1 | 0.1% |
| 51.9% | 49.3 | 49.3 | 0.0 | 0.0% |
| 53.1% | 49.3 | 49.3 | 0.1 | 0.1% |
| 54.3% | 49.2 | 49.3 | 0.1 | 0.2% |
| 55.6% | 49.2 | 49.3 | 0.1 | 0.3% |
| 56.8% | 49.0 | 49.3 | 0.3 | 0.6% |
| 58.0% | 49.0 | 49.3 | 0.2 | 0.5% |
| 59.3% | 49.0 | 49.2 | 0.2 | 0.3% |
| 60.5% | 49.0 | 49.1 | 0.1 | 0.2% |
| 61.7% | 48.9 | 49.1 | 0.1 | 0.3% |
| 63.0% | 48.9 | 49.1 | 0.2 | 0.3% |
| 64.2% | 48.9 | 49.0 | 0.1 | 0.2% |
| 65.4% | 48.8 | 48.9 | 0.1 | 0.2% |
| 66.7% | 48.8 | 48.9 | 0.1 | 0.2% |
| 67.9% | 48.7 | 48.8 | 0.1 | 0.2% |
| 69.1% | 48.6 | 48.8 | 0.1 | 0.2% |
| 70.4% | 48.6 | 48.6 | 0.0 | 0.0% |
| 71.6% | 48.6 | 48.5 | -0.1 | -0.2% |
| 72.8% | 48.4 | 48.5 | 0.1 | 0.3% |
| 74.1% | 48.3 | 48.5 | 0.2 | 0.5% |
| 75.3% | 48.2 | 48.5 | 0.2 | 0.4% |
| 76.5% | 48.2 | 48.5 | 0.2 | 0.4% |
| 77.8% | 48.2 | 48.4 | 0.1 | 0.3% |
| 79.0% | 48.2 | 48.3 | 0.1 | 0.1% |
| 80.2% | 48.1 | 48.2 | 0.1 | 0.3% |
| 81.5% | 48.1 | 48.2 | 0.1 | 0.2% |
| 82.7% | 48.0 | 48.2 | 0.1 | 0.2% |
| 84.0% | 48.0 | 48.1 | 0.1 | 0.2% |
| 85.2% | 47.9 | 48.1 | 0.2 | 0.3% |
| 86.4% | 47.9 | 47.9 | 0.1 | 0.1% |
| 87.7% | 47.8 | 47.9 | 0.1 | 0.3% |
| 88.9% | 47.7 | 47.9 | 0.2 | 0.4% |
| 90.1% | 47.7 | 47.8 | 0.1 | 0.3% |
| 91.4% | 47.5 | 47.8 | 0.3 | 0.6% |
| 92.6% | 47.5 | 47.7 | 0.3 | 0.6% |
| 93.8% | 47.4 | 47.6 | 0.2 | 0.4% |
| 95.1% | 47.2 | 47.6 | 0.4 | 0.8% |
| 96.3% | 47.1 | 47.3 | 0.3 | 0.5% |
| 97.5% | 47.0 | 47.0 | 0.0 | 0.0% |
| 98.8% | 46.8 | 46.8 | 0.0 | 0.0% |
| 100.0% | 46.8 | 46.8 | 0.0 | 0.0% |

| May | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 55.7 | 56.9 | 1.2 | 2.1% |
| 1.2% | 54.3 | 55.8 | 1.5 | 2.8% |
| 2.5% | 53.2 | 54.8 | 1.6 | 3.0% |
| 3.7% | 52.7 | 53.6 | 0.9 | 1.7% |
| 4.9% | 52.4 | 52.9 | 0.5 | 0.9% |
| 6.2% | 52.4 | 52.8 | 0.3 | 0.6% |
| 7.4% | 52.4 | 52.7 | 0.3 | 0.7% |
| 8.6% | 52.3 | 52.6 | 0.3 | 0.6% |
| 9.9% | 52.2 | 52.5 | 0.3 | 0.5% |
| 11.1% | 52.2 | 52.4 | 0.2 | 0.5% |
| 12.3% | 52.0 | 52.3 | 0.3 | 0.5% |
| 13.6% | 51.9 | 52.3 | 0.4 | 0.7% |
| 14.8% | 51.9 | 52.2 | 0.4 | 0.7% |
| 16.0% | 51.8 | 52.2 | 0.4 | 0.8% |
| 17.3% | 51.7 | 52.1 | 0.4 | 0.8% |
| 18.5% | 51.6 | 52.1 | 0.4 | 0.8% |
| 19.8% | 51.6 | 52.0 | 0.4 | 0.8% |
| 21.0% | 51.4 | 51.8 | 0.4 | 0.8% |
| 22.2% | 51.4 | 51.7 | 0.3 | 0.5% |
| 23.5% | 51.4 | 51.6 | 0.3 | 0.5% |
| 24.7% | 51.3 | 51.5 | 0.3 | 0.5% |
| 25.9% | 51.2 | 51.5 | 0.3 | 0.6% |
| 27.2% | 51.1 | 51.5 | 0.3 | 0.7% |
| 28.4% | 51.1 | 51.4 | 0.3 | 0.5% |
| 29.6% | 51.1 | 51.4 | 0.3 | 0.5% |
| 30.9% | 51.0 | 51.3 | 0.4 | 0.7% |
| 32.1% | 51.0 | 51.3 | 0.3 | 0.7% |
| 33.3% | 50.9 | 51.2 | 0.3 | 0.6% |
| 34.6% | 50.9 | 51.2 | 0.3 | 0.7% |
| 35.8% | 50.9 | 51.2 | 0.3 | 0.6% |
| 37.0% | 50.9 | 51.2 | 0.3 | 0.6% |
| 38.3% | 50.8 | 51.1 | 0.3 | 0.5% |
| 39.5% | 50.8 | 51.0 | 0.2 | 0.4% |
| 40.7% | 50.8 | 51.0 | 0.2 | 0.4% |
| 42.0% | 50.7 | 51.0 | 0.3 | 0.5% |
| 43.2% | 50.7 | 51.0 | 0.3 | 0.6% |
| 44.4% | 50.6 | 51.0 | 0.4 | 0.7% |
| 45.7% | 50.6 | 51.0 | 0.4 | 0.7% |
| 46.9% | 50.6 | 50.9 | 0.3 | 0.7% |
| 48.1% | 50.6 | 50.9 | 0.3 | 0.7% |
| 49.4% | 50.6 | 50.8 | 0.3 | 0.5% |
| 50.6% | 50.5 | 50.8 | 0.3 | 0.6% |
| 51.9% | 50.5 | 50.8 | 0.3 | 0.5% |
| 53.1% | 50.5 | 50.8 | 0.3 | 0.5% |
| 54.3% | 50.4 | 50.7 | 0.3 | 0.6% |
| 55.6% | 50.4 | 50.7 | 0.3 | 0.6% |
| 56.8% | 50.4 | 50.7 | 0.3 | 0.6% |
| 58.0% | 50.3 | 50.7 | 0.4 | 0.8% |
| 59.3% | 50.3 | 50.7 | 0.4 | 0.8% |
| 60.5% | 50.2 | 50.6 | 0.4 | 0.8% |
| 61.7% | 50.2 | 50.6 | 0.4 | 0.8% |
| 63.0% | 50.2 | 50.6 | 0.4 | 0.8% |
| 64.2% | 50.2 | 50.6 | 0.4 | 0.7% |
| 65.4% | 50.2 | 50.5 | 0.3 | 0.7% |
| 66.7% | 50.1 | 50.4 | 0.3 | 0.7% |
| 67.9% | 50.1 | 50.4 | 0.4 | 0.7% |
| 69.1% | 50.1 | 50.4 | 0.3 | 0.7% |
| 70.4% | 50.0 | 50.3 | 0.3 | 0.6% |
| 71.6% | 49.9 | 50.3 | 0.3 | 0.7% |
| 72.8% | 49.9 | 50.3 | 0.4 | 0.7% |
| 74.1% | 49.9 | 50.2 | 0.3 | 0.6% |
| 75.3% | 49.9 | 50.1 | 0.2 | 0.5% |
| 76.5% | 49.8 | 50.1 | 0.3 | 0.5% |
| 77.8% | 49.8 | 50.1 | 0.3 | 0.6% |
| 79.0% | 49.7 | 50.1 | 0.3 | 0.7% |
| 80.2% | 49.7 | 50.0 | 0.3 | 0.7% |
| 81.5% | 49.6 | 50.0 | 0.3 | 0.7% |
| 82.7% | 49.6 | 50.0 | 0.4 | 0.7% |
| 84.0% | 49.5 | 49.9 | 0.4 | 0.9% |
| 85.2% | 49.5 | 49.9 | 0.4 | 0.8% |
| 86.4% | 49.5 | 49.7 | 0.2 | 0.5% |
| 87.7% | 49.5 | 49.7 | 0.2 | 0.5% |
| 88.9% | 49.4 | 49.6 | 0.2 | 0.4% |
| 90.1% | 49.3 | 49.5 | 0.2 | 0.5% |
| 91.4% | 49.3 | 49.5 | 0.2 | 0.4% |
| 92.6% | 49.2 | 49.4 | 0.2 | 0.4% |
| 93.8% | 49.2 | 49.3 | 0.1 | 0.2% |
| 95.1% | 49.1 | 49.1 | 0.0 | 0.1% |
| 96.3% | 49.0 | 49.0 | 0.0 | 0.0% |
| 97.5% | 48.9 | 48.9 | 0.0 | 0.0% |
| 98.8% | 48.4 | 48.9 | 0.5 | 1.1% |
| 100.0% | 48.4 | 48.9 | 0.5 | 1.1% |

## Table SQ3-1b

Sacramento River at Bonnyview Bridge, Monthly Temperature

Probability of Exceedance

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 55.6 | 55.6 | 0.0 | 0.0% | 0.0% | 57.3 | 56.0 | -1.3 | -2.3% | 0.0% | 64.8 | 60.2 | -4.6 | -7.0% | 0.0% | 65.7 | 65.9 | 0.2 | 0.3% |
| 1.2% | 55.0 | 54.6 | -0.4 | -0.8% | 1.2% | 56.0 | 55.9 | -0.1 | -0.1% | 1.2% | 57.7 | 55.7 | -2.0 | -3.4% | 1.2% | 63.5 | 59.1 | -4.4 | -6.9% |
| 2.5% | 54.6 | 54.3 | -0.4 | -0.7% | 2.5% | 55.9 | 55.5 | -0.4 | -0.7% | 2.5% | 56.5 | 55.6 | -0.9 | -1.6% | 2.5% | 61.5 | 58.1 | -3.4 | -5.6% |
| 3.7% | 54.3 | 53.9 | -0.4 | -0.7% | 3.7% | 55.7 | 55.3 | -0.4 | -0.7% | 3.7% | 56.3 | 55.4 | -0.9 | -1.6% | 3.7% | 57.8 | 56.9 | -0.9 | -1.5% |
| 4.9% | 54.0 | 53.5 | -0.5 | -0.9% | 4.9% | 55.5 | 55.3 | -0.1 | -0.3% | 4.9% | 56.2 | 55.4 | -0.8 | -1.4% | 4.9% | 57.5 | 56.5 | -1.0 | -1.7% |
| 6.2% | 53.6 | 53.3 | -0.2 | -0.4% | 6.2% | 55.3 | 55.3 | 0.0 | 0.1% | 6.2% | 56.2 | 55.4 | -0.8 | -1.5% | 6.2% | 56.8 | 56.2 | -0.6 | -1.0% |
| 7.4% | 53.5 | 53.3 | -0.3 | -0.5% | 7.4% | 55.2 | 55.2 | 0.0 | 0.0% | 7.4% | 55.7 | 55.2 | -0.5 | -0.8% | 7.4% | 56.4 | 56.1 | -0.3 | -0.5% |
| 8.6% | 53.1 | 53.2 | 0.2 | 0.3% | 8.6% | 55.1 | 55.2 | 0.1 | 0.2% | 8.6% | 55.5 | 55.2 | -0.2 | -0.4% | 8.6% | 56.1 | 55.9 | -0.2 | -0.3% |
| 9.9% | 53.0 | 53.1 | 0.1 | 0.2% | 9.9% | 55.0 | 55.2 | 0.2 | 0.3% | 9.9% | 55.4 | 55.2 | -0.2 | -0.3% | 9.9% | 55.9 | 55.9 | 0.0 | 0.0% |
| 11.1% | 53.0 | 53.0 | 0.1 | 0.2% | 11.1% | 55.0 | 54.8 | -0.2 | -0.4% | 11.1% | 55.4 | 55.2 | -0.2 | -0.3% | 11.1% | 55.8 | 55.4 | -0.4 | -0.8% |
| 12.3% | 53.0 | 53.0 | 0.1 | 0.2% | 12.3% | 54.9 | 54.7 | -0.2 | -0.3% | 12.3% | 55.3 | 55.2 | -0.2 | -0.3% | 12.3% | 55.6 | 55.4 | -0.2 | -0.4% |
| 13.6% | 52.7 | 53.0 | 0.3 | 0.5% | 13.6% | 54.9 | 54.7 | -0.2 | -0.3% | 13.6% | 55.3 | 55.1 | -0.2 | -0.4% | 13.6% | 55.6 | 55.3 | -0.3 | -0.5% |
| 14.8% | 52.6 | 53.0 | 0.3 | 0.7% | 14.8% | 54.7 | 54.7 | -0.1 | -0.1% | 14.8% | 55.2 | 55.0 | -0.2 | -0.4% | 14.8% | 55.6 | 55.2 | -0.4 | -0.6% |
| 16.0% | 52.6 | 52.9 | 0.4 | 0.7% | 16.0% | 54.6 | 54.6 | 0.0 | 0.0% | 16.0% | 55.2 | 54.9 | -0.2 | -0.4% | 16.0% | 55.5 | 55.0 | -0.5 | -0.8% |
| 17.3% | 52.5 | 52.8 | 0.2 | 0.5% | 17.3% | 54.6 | 54.6 | 0.0 | 0.0% | 17.3% | 55.1 | 54.9 | -0.2 | -0.4% | 17.3% | 55.4 | 55.0 | -0.4 | -0.8% |
| 18.5% | 52.5 | 52.6 | 0.1 | 0.2% | 18.5% | 54.6 | 54.6 | 0.0 | 0.1% | 18.5% | 55.1 | 54.9 | -0.3 | -0.5% | 18.5% | 55.4 | 55.0 | -0.4 | -0.7% |
| 19.8% | 52.5 | 52.5 | 0.1 | 0.2% | 19.8% | 54.4 | 54.5 | 0.1 | 0.3% | 19.8% | 55.1 | 54.8 | -0.3 | -0.6% | 19.8% | 55.3 | 54.8 | -0.5 | -0.8% |
| 21.0% | 52.4 | 52.5 | 0.0 | 0.1% | 21.0% | 54.3 | 54.5 | 0.1 | 0.3% | 21.0% | 55.1 | 54.8 | -0.3 | -0.5% | 21.0% | 55.3 | 54.8 | -0.5 | -0.8% |
| 22.2% | 52.4 | 52.5 | 0.1 | 0.1% | 22.2% | 54.3 | 54.4 | 0.2 | 0.3% | 22.2% | 55.0 | 54.8 | -0.2 | -0.3% | 22.2% | 55.2 | 54.8 | -0.4 | -0.7% |
| 23.5% | 52.4 | 52.4 | 0.0 | 0.1% | 23.5% | 54.0 | 54.2 | 0.2 | 0.4% | 23.5% | 54.9 | 54.8 | -0.2 | -0.3% | 23.5% | 55.1 | 54.8 | -0.3 | -0.6% |
| 24.7% | 52.3 | 52.4 | 0.1 | 0.1% | 24.7% | 54.0 | 54.2 | 0.2 | 0.3% | 24.7% | 54.9 | 54.7 | -0.2 | -0.3% | 24.7% | 55.0 | 54.8 | -0.2 | -0.4% |
| 25.9% | 52.3 | 52.2 | 0.0 | -0.1% | 25.9% | 53.9 | 54.1 | 0.3 | 0.5% | 25.9% | 54.9 | 54.7 | -0.2 | -0.3% | 25.9% | 54.9 | 54.8 | -0.2 | -0.3% |
| 27.2% | 52.2 | 52.1 | -0.1 | -0.2% | 27.2% | 53.8 | 54.0 | 0.2 | 0.3% | 27.2% | 54.8 | 54.7 | -0.1 | -0.2% | 27.2% | 54.7 | 54.8 | 0.1 | 0.1% |
| 28.4% | 52.2 | 52.1 | -0.1 | -0.2% | 28.4% | 53.7 | 53.7 | 0.0 | 0.1% | 28.4% | 54.8 | 54.7 | -0.1 | -0.2% | 28.4% | 54.6 | 54.7 | 0.1 | 0.1% |
| 29.6% | 52.2 | 52.1 | -0.1 | -0.2% | 29.6% | 53.6 | 53.7 | 0.1 | 0.1% | 29.6% | 54.8 | 54.7 | -0.1 | -0.2% | 29.6% | 54.6 | 54.7 | 0.0 | 0.1% |
| 30.9% | 52.1 | 51.9 | -0.2 | -0.3% | 30.9% | 53.5 | 53.6 | 0.1 | 0.3% | 30.9% | 54.8 | 54.7 | -0.1 | -0.1% | 30.9% | 54.6 | 54.6 | 0.0 | 0.0% |
| 32.1% | 51.9 | 51.9 | 0.0 | -0.1% | 32.1% | 53.4 | 53.6 | 0.2 | 0.4% | 32.1% | 54.7 | 54.6 | -0.1 | -0.2% | 32.1% | 54.6 | 54.6 | 0.0 | 0.0% |
| 33.3% | 51.9 | 51.8 | -0.1 | -0.1% | 33.3% | 53.4 | 53.5 | 0.1 | 0.2% | 33.3% | 54.6 | 54.6 | -0.1 | -0.1% | 33.3% | 54.5 | 54.6 | 0.1 | 0.2% |
| 34.6% | 51.7 | 51.8 | 0.1 | 0.2% | 34.6% | 53.2 | 53.5 | 0.3 | 0.6% | 34.6% | 54.6 | 54.6 | 0.0 | -0.1% | 34.6% | 54.2 | 54.6 | 0.3 | 0.6% |
| 35.8% | 51.7 | 51.8 | 0.1 | 0.2% | 35.8% | 53.1 | 53.4 | 0.3 | 0.6% | 35.8% | 54.5 | 54.5 | 0.0 | 0.1% | 35.8% | 54.2 | 54.4 | 0.2 | 0.4% |
| 37.0% | 51.6 | 51.8 | 0.2 | 0.4% | 37.0% | 53.1 | 53.4 | 0.3 | 0.6% | 37.0% | 54.4 | 54.4 | 0.0 | 0.0% | 37.0% | 54.1 | 54.3 | 0.2 | 0.4% |
| 38.3% | 51.5 | 51.8 | 0.3 | 0.6% | 38.3% | 53.0 | 53.4 | 0.3 | 0.6% | 38.3% | 54.4 | 54.4 | 0.0 | 0.0% | 38.3% | 54.1 | 54.2 | 0.1 | 0.2% |
| 39.5% | 51.5 | 51.8 | 0.3 | 0.6% | 39.5% | 53.0 | 53.2 | 0.2 | 0.4% | 39.5% | 54.4 | 54.4 | 0.0 | 0.1% | 39.5% | 54.1 | 54.2 | 0.1 | 0.1% |
| 40.7% | 51.4 | 51.8 | 0.4 | 0.7% | 40.7% | 53.0 | 53.2 | 0.2 | 0.4% | 40.7% | 54.3 | 54.4 | 0.0 | 0.1% | 40.7% | 53.9 | 54.0 | 0.1 | 0.2% |
| 42.0% | 51.4 | 51.7 | 0.3 | 0.7% | 42.0% | 53.0 | 53.2 | 0.3 | 0.5% | 42.0% | 54.3 | 54.3 | 0.0 | 0.0% | 42.0% | 53.9 | 54.0 | 0.1 | 0.2% |
| 43.2% | 51.4 | 51.7 | 0.3 | 0.7% | 43.2% | 52.9 | 53.2 | 0.3 | 0.5% | 43.2% | 54.3 | 54.3 | 0.0 | -0.1% | 43.2% | 53.6 | 53.9 | 0.4 | 0.7% |
| 44.4% | 51.3 | 51.7 | 0.4 | 0.8% | 44.4% | 52.8 | 53.2 | 0.4 | 0.7% | 44.4% | 54.3 | 54.2 | -0.1 | -0.1% | 44.4% | 53.5 | 53.9 | 0.4 | 0.7% |
| 45.7% | 51.3 | 51.6 | 0.4 | 0.7% | 45.7% | 52.7 | 53.1 | 0.5 | 0.9% | 45.7% | 54.2 | 54.2 | 0.0 | -0.1% | 45.7% | 53.5 | 53.8 | 0.3 | 0.6% |
| 46.9% | 51.2 | 51.6 | 0.4 | 0.7% | 46.9% | 52.6 | 53.1 | 0.5 | 0.9% | 46.9% | 54.2 | 54.2 | 0.0 | -0.1% | 46.9% | 53.5 | 53.5 | 0.0 | 0.0% |
| 48.1% | 51.2 | 51.6 | 0.3 | 0.7% | 48.1% | 52.6 | 53.1 | 0.5 | 0.9% | 48.1% | 54.2 | 54.1 | -0.1 | -0.1% | 48.1% | 53.5 | 53.4 | 0.0 | -0.1% |
| 49.4% | 51.2 | 51.6 | 0.4 | 0.7% | 49.4% | 52.6 | 53.0 | 0.4 | 0.8% | 49.4% | 54.2 | 54.1 | -0.1 | -0.2% | 49.4% | 53.4 | 53.4 | 0.0 | 0.0% |
| 50.6% | 51.2 | 51.6 | 0.4 | 0.7% | 50.6% | 52.6 | 53.0 | 0.4 | 0.8% | 50.6% | 54.1 | 54.1 | -0.1 | -0.1% | 50.6% | 53.2 | 53.4 | 0.2 | 0.3% |
| 51.9% | 51.1 | 51.5 | 0.4 | 0.8% | 51.9% | 52.6 | 53.0 | 0.4 | 0.8% | 51.9% | 54.1 | 54.0 | -0.1 | -0.3% | 51.9% | 53.2 | 53.4 | 0.2 | 0.3% |
| 53.1% | 51.1 | 51.5 | 0.4 | 0.8% | 53.1% | 52.5 | 53.0 | 0.4 | 0.8% | 53.1% | 54.1 | 53.8 | -0.2 | -0.4% | 53.1% | 53.1 | 53.4 | 0.2 | 0.4% |
| 54.3% | 51.1 | 51.5 | 0.4 | 0.8% | 54.3% | 52.5 | 52.9 | 0.4 | 0.8% | 54.3% | 54.0 | 53.8 | -0.2 | -0.4% | 54.3% | 53.0 | 53.3 | 0.3 | 0.6% |
| 55.6% | 51.1 | 51.5 | 0.4 | 0.8% | 55.6% | 52.5 | 52.8 | 0.3 | 0.7% | 55.6% | 53.9 | 53.8 | -0.2 | -0.3% | 55.6% | 53.0 | 53.3 | 0.3 | 0.6% |
| 56.8% | 51.1 | 51.5 | 0.4 | 0.8% | 56.8% | 52.4 | 52.7 | 0.3 | 0.5% | 56.8% | 53.9 | 53.7 | -0.1 | -0.3% | 56.8% | 52.9 | 53.2 | 0.3 | 0.6% |
| 58.0% | 51.0 | 51.4 | 0.4 | 0.8% | 58.0% | 52.4 | 52.7 | 0.3 | 0.5% | 58.0% | 53.8 | 53.7 | -0.1 | -0.2% | 58.0% | 52.9 | 53.2 | 0.3 | 0.5% |
| 59.3% | 51.0 | 51.4 | 0.4 | 0.8% | 59.3% | 52.4 | 52.7 | 0.3 | 0.6% | 59.3% | 53.8 | 53.7 | -0.1 | -0.2% | 59.3% | 52.7 | 53.2 | 0.5 | 1.0% |
| 60.5% | 51.0 | 51.3 | 0.3 | 0.6% | 60.5% | 52.3 | 52.7 | 0.3 | 0.6% | 60.5% | 53.7 | 53.5 | -0.2 | -0.3% | 60.5% | 52.6 | 53.2 | 0.5 | 1.0% |
| 61.7% | 50.9 | 51.2 | 0.3 | 0.6% | 61.7% | 52.2 | 52.6 | 0.3 | 0.7% | 61.7% | 53.7 | 53.5 | -0.2 | -0.3% | 61.7% | 52.5 | 53.2 | 0.7 | 1.3% |
| 63.0% | 50.9 | 51.1 | 0.3 | 0.6% | 63.0% | 52.2 | 52.4 | 0.2 | 0.4% | 63.0% | 53.6 | 53.4 | -0.2 | -0.4% | 63.0% | 52.5 | 53.1 | 0.7 | 1.3% |
| 64.2% | 50.8 | 51.1 | 0.3 | 0.6% | 64.2% | 52.2 | 52.4 | 0.2 | 0.4% | 64.2% | 53.6 | 53.4 | -0.2 | -0.3% | 64.2% | 52.5 | 53.1 | 0.6 | 1.2% |
| 65.4% | 50.8 | 51.1 | 0.3 | 0.6% | 65.4% | 52.2 | 52.3 | 0.1 | 0.3% | 65.4% | 53.6 | 53.4 | -0.2 | -0.4% | 65.4% | 52.5 | 53.1 | 0.6 | 1.2% |
| 66.7% | 50.8 | 51.1 | 0.3 | 0.6% | 66.7% | 52.2 | 52.3 | 0.1 | 0.3% | 66.7% | 53.6 | 53.3 | -0.3 | -0.5% | 66.7% | 52.4 | 53.0 | 0.7 | 1.2% |
| 67.9% | 50.7 | 51.0 | 0.3 | 0.6% | 67.9% | 52.1 | 52.2 | 0.0 | 0.1% | 67.9% | 53.5 | 53.3 | -0.2 | -0.4% | 67.9% | 52.4 | 53.0 | 0.6 | 1.2% |
| 69.1% | 50.7 | 51.0 | 0.3 | 0.6% | 69.1% | 52.1 | 52.2 | 0.1 | 0.2% | 69.1% | 53.5 | 53.2 | -0.2 | -0.4% | 69.1% | 52.4 | 52.9 | 0.6 | 1.1% |
| 70.4% | 50.6 | 51.0 | 0.4 | 0.8% | 70.4% | 52.0 | 52.2 | 0.2 | 0.4% | 70.4% | 53.4 | 53.1 | -0.3 | -0.6% | 70.4% | 52.3 | 52.7 | 0.4 | 0.8% |
| 71.6% | 50.6 | 50.9 | 0.3 | 0.7% | 71.6% | 51.9 | 52.2 | 0.2 | 0.5% | 71.6% | 53.3 | 53.1 | -0.2 | -0.4% | 71.6% | 52.3 | 52.7 | 0.4 | 0.8% |
| 72.8% | 50.5 | 50.9 | 0.4 | 0.7% | 72.8% | 51.8 | 52.2 | 0.3 | 0.6% | 72.8% | 53.2 | 53.1 | -0.1 | -0.2% | 72.8% | 52.2 | 52.7 | 0.5 | 0.9% |
| 74.1% | 50.5 | 50.8 | 0.3 | 0.7% | 74.1% | 51.8 | 52.1 | 0.3 | 0.6% | 74.1% | 53.2 | 53.1 | -0.1 | -0.2% | 74.1% | 52.1 | 52.7 | 0.6 | 1.1% |
| 75.3% | 50.4 | 50.8 | 0.4 | 0.9% | 75.3% | 51.8 | 52.1 | 0.3 | 0.6% | 75.3% | 53.2 | 53.0 | -0.2 | -0.3% | 75.3% | 52.0 | 52.6 | 0.6 | 1.2% |
| 76.5% | 50.3 | 50.7 | 0.4 | 0.8% | 76.5% | 51.7 | 52.1 | 0.3 | 0.7% | 76.5% | 53.1 | 53.0 | -0.1 | -0.1% | 76.5% | 51.9 | 52.6 | 0.6 | 1.2% |
| 77.8% | 50.3 | 50.7 | 0.4 | 0.9% | 77.8% | 51.7 | 52.0 | 0.3 | 0.6% | 77.8% | 53.0 | 53.0 | 0.0 | -0.1% | 77.8% | 51.9 | 52.5 | 0.7 | 1.3% |
| 79.0% | 50.2 | 50.7 | 0.5 | 0.9% | 79.0% | 51.7 | 52.0 | 0.3 | 0.6% | 79.0% | 53.0 | 52.9 | -0.1 | -0.2% | 79.0% | 51.8 | 52.5 | 0.7 | 1.4% |
| 80.2% | 50.2 | 50.7 | 0.4 | 0.9% | 80.2% | 51.6 | 52.0 | 0.3 | 0.7% | 80.2% | 53.0 | 52.8 | -0.2 | -0.4% | 80.2% | 51.7 | 52.5 | 0.8 | 1.5% |
| 81.5% | 50.2 | 50.6 | 0.4 | 0.9% | 81.5% | 51.6 | 52.0 | 0.3 | 0.7% | 81.5% | 53.0 | 52.8 | -0.2 | -0.4% | 81.5% | 51.6 | 52.5 | 0.8 | 1.6% |
| 82.7% | 50.2 | 50.6 | 0.5 | 0.9% | 82.7% | 51.6 | 51.9 | 0.3 | 0.7% | 82.7% | 53.0 | 52.7 | -0.3 | -0.5% | 82.7% | 51.6 | 52.4 | 0.9 | 1.7% |
| 84.0% | 50.1 | 50.6 | 0.5 | 1.1% | 84.0% | 51.6 | 51.8 | 0.3 | 0.5% | 84.0% | 53.0 | 52.7 | -0.3 | -0.5% | 84.0% | 51.6 | 52.4 | 0.9 | 1.7% |
| 85.2% | 50.1 | 50.6 | 0.5 | 1.1% | 85.2% | 51.5 | 51.8 | 0.2 | 0.5% | 85.2% | 52.9 | 52.6 | -0.3 | -0.6% | 85.2% | 51.6 | 52.0 | 0.4 | 0.8% |
| 86.4% | 50.1 | 50.6 | 0.5 | 1.1% | 86.4% | 51.5 | 51.8 | 0.2 | 0.5% | 86.4% | 52.9 | 52.6 | -0.3 | -0.6% | 86.4% | 51.6 | 51.8 | 0.2 | 0.4% |
| 87.7% | 50.0 | 50.6 | 0.6 | 1.1% | 87.7% | 51.5 | 51.7 | 0.2 | 0.4% | 87.7% | 52.9 | 52.6 | -0.3 | -0.5% | 87.7% | 51.5 | 51.5 | 0.0 | 0.0% |
| 88.9% | 50.0 | 50.5 | 0.5 | 1.0% | 88.9% | 51.3 | 51.6 | 0.3 | 0.5% | 88.9% | 52.7 | 52.6 | -0.1 | -0.2% | 88.9% | 51.2 | 51.3 | 0.1 | 0.3% |
| 90.1% | 50.0 | 50.5 | 0.5 | 0.9% | 90.1% | 51.3 | 51.6 | 0.3 | 0.6% | 90.1% | 52.7 | 52.5 | -0.2 | -0.3% | 90.1% | 51.1 | 51.2 | 0.0 | 0.0% |
| 91.4% | 50.0 | 50.4 | 0.4 | 0.8% | 91.4% | 51.3 | 51.5 | 0.2 | 0.4% | 91.4% | 52.6 | 52.4 | -0.2 | -0.4% | 91.4% | 51.0 | 50.9 | -0.2 | -0.3% |
| 92.6% | 50.0 | 50.4 | 0.4 | 0.8% | 92.6% | 51.2 | 51.5 | 0.3 | 0.6% | 92.6% | 52.4 | 52.2 | -0.2 | -0.5% | 92.6% | 51.0 | 50.8 | -0.1 | -0.3% |
| 93.8% | 49.9 | 50.4 | 0.4 | 0.9% | 93.8% | 51.1 | 51.2 | 0.1 | 0.2% | 93.8% | 52.4 | 52.2 | -0.3 | -0.5% | 93.8% | 50.7 | 50.8 | 0.1 | 0.2% |
| 95.1% | 49.9 | 50.3 | 0.4 | 0.8% | 95.1% | 50.9 | 51.2 | 0.3 | 0.5% | 95.1% | 51.9 | 51.9 | 0.0 | 0.0% | 95.1% | 50.6 | 50.8 | 0.1 | 0.3% |
| 96.3% | 49.7 | 50.3 | 0.5 | 1.0% | 96.3% | 50.8 | 51.2 | 0.4 | 0.7% | 96.3% | 51.9 | 51.8 | -0.1 | -0.1% | 96.3% | 50.5 | 50.5 | 0.0 | 0.0% |
| 97.5% | 49.6 | 50.1 | 0.5 | 1.1% | 97.5% | 50.7 | 50.7 | 0.1 | 0.2% | 97.5% | 51.7 | 51.7 | 0.0 | 0.0% | 97.5% | 50.4 | 50.5 | 0.1 | 0.2% |
| 98.8% | 49.5 | 49.7 | 0.2 | 0.5% | 98.8% | 50.6 | 50.7 | 0.1 | 0.2% | 98.8% | 51.7 | 51.6 | -0.1 | -0.2% | 98.8% | 50.2 | 50.4 | 0.1 | 0.3% |
| 100.0% | 49.5 | 49.7 | 0.2 | 0.5% | 100.0% | 50.6 | 50.7 | 0.1 | 0.2% | 100.0% | 51.7 | 51.6 | -0.1 | -0.2% | 100.0% | 50.2 | 50.4 | 0.1 | 0.3% |

# Table SQ3-1b

**Sacramento River at Bonnyview Bridge, Monthly Temperature**

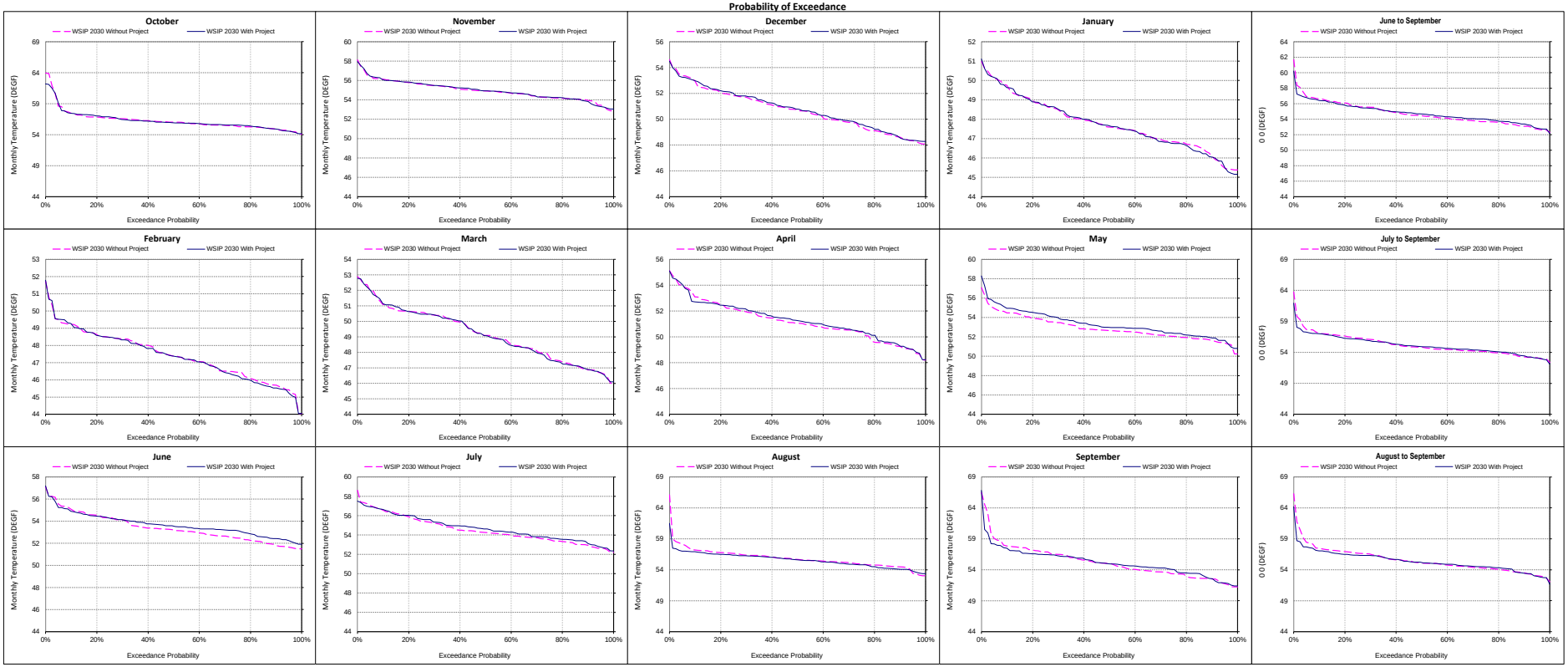
**Probability of Exceedance**

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 60.4 | 58.8 | -1.6 | -2.7% |
| 1.2% | 57.1 | 55.5 | -1.6 | -2.8% |
| 2.5% | 56.5 | 55.5 | -1.0 | -1.8% |
| 3.7% | 55.7 | 55.4 | -0.3 | -0.6% |
| 4.9% | 55.3 | 55.1 | -0.2 | -0.4% |
| 6.2% | 55.1 | 55.1 | 0.0 | -0.1% |
| 7.4% | 55.0 | 55.0 | 0.0 | 0.1% |
| 8.6% | 55.0 | 54.9 | -0.1 | -0.2% |
| 9.9% | 54.9 | 54.8 | -0.1 | -0.3% |
| 11.1% | 54.8 | 54.7 | -0.1 | -0.2% |
| 12.3% | 54.8 | 54.6 | -0.1 | -0.2% |
| 13.6% | 54.6 | 54.6 | -0.1 | -0.1% |
| 14.8% | 54.6 | 54.6 | 0.0 | 0.0% |
| 16.0% | 54.6 | 54.6 | 0.0 | 0.0% |
| 17.3% | 54.5 | 54.3 | -0.2 | -0.4% |
| 18.5% | 54.5 | 54.3 | -0.3 | -0.5% |
| 19.8% | 54.5 | 54.2 | -0.2 | -0.4% |
| 21.0% | 54.3 | 54.1 | -0.1 | -0.2% |
| 22.2% | 54.2 | 54.0 | -0.2 | -0.4% |
| 23.5% | 54.1 | 54.0 | -0.2 | -0.3% |
| 24.7% | 53.9 | 54.0 | 0.0 | 0.1% |
| 25.9% | 53.9 | 53.9 | 0.0 | 0.1% |
| 27.2% | 53.9 | 53.9 | 0.0 | -0.1% |
| 28.4% | 53.9 | 53.8 | -0.1 | -0.2% |
| 29.6% | 53.8 | 53.7 | -0.1 | -0.1% |
| 30.9% | 53.8 | 53.6 | -0.2 | -0.3% |
| 32.1% | 53.7 | 53.6 | -0.1 | -0.2% |
| 33.3% | 53.6 | 53.6 | 0.0 | -0.1% |
| 34.6% | 53.3 | 53.5 | 0.2 | 0.3% |
| 35.8% | 53.3 | 53.5 | 0.1 | 0.2% |
| 37.0% | 53.3 | 53.4 | 0.1 | 0.2% |
| 38.3% | 53.2 | 53.4 | 0.2 | 0.4% |
| 39.5% | 53.1 | 53.3 | 0.2 | 0.3% |
| 40.7% | 53.1 | 53.3 | 0.1 | 0.2% |
| 42.0% | 53.0 | 53.2 | 0.2 | 0.4% |
| 43.2% | 52.9 | 53.2 | 0.3 | 0.5% |
| 44.4% | 52.9 | 53.1 | 0.2 | 0.5% |
| 45.7% | 52.8 | 53.1 | 0.3 | 0.6% |
| 46.9% | 52.8 | 53.0 | 0.3 | 0.5% |
| 48.1% | 52.7 | 52.9 | 0.2 | 0.4% |
| 49.4% | 52.7 | 52.9 | 0.2 | 0.4% |
| 50.6% | 52.7 | 52.8 | 0.2 | 0.3% |
| 51.9% | 52.6 | 52.8 | 0.2 | 0.3% |
| 53.1% | 52.6 | 52.7 | 0.1 | 0.2% |
| 54.3% | 52.6 | 52.7 | 0.1 | 0.2% |
| 55.6% | 52.5 | 52.7 | 0.2 | 0.4% |
| 56.8% | 52.5 | 52.7 | 0.2 | 0.4% |
| 58.0% | 52.4 | 52.7 | 0.2 | 0.4% |
| 59.3% | 52.4 | 52.7 | 0.2 | 0.4% |
| 60.5% | 52.4 | 52.7 | 0.2 | 0.5% |
| 61.7% | 52.3 | 52.6 | 0.3 | 0.6% |
| 63.0% | 52.3 | 52.6 | 0.3 | 0.6% |
| 64.2% | 52.2 | 52.6 | 0.4 | 0.7% |
| 65.4% | 52.2 | 52.5 | 0.3 | 0.7% |
| 66.7% | 52.1 | 52.5 | 0.4 | 0.8% |
| 67.9% | 52.1 | 52.5 | 0.4 | 0.8% |
| 69.1% | 52.1 | 52.4 | 0.3 | 0.6% |
| 70.4% | 52.1 | 52.4 | 0.3 | 0.5% |
| 71.6% | 52.1 | 52.4 | 0.3 | 0.5% |
| 72.8% | 52.1 | 52.3 | 0.3 | 0.5% |
| 74.1% | 52.0 | 52.3 | 0.2 | 0.5% |
| 75.3% | 52.0 | 52.2 | 0.3 | 0.5% |
| 76.5% | 52.0 | 52.1 | 0.1 | 0.3% |
| 77.8% | 52.0 | 52.1 | 0.1 | 0.2% |
| 79.0% | 51.9 | 52.1 | 0.2 | 0.3% |
| 80.2% | 51.8 | 52.1 | 0.3 | 0.5% |
| 81.5% | 51.8 | 51.9 | 0.1 | 0.3% |
| 82.7% | 51.8 | 51.9 | 0.1 | 0.2% |
| 84.0% | 51.6 | 51.9 | 0.3 | 0.5% |
| 85.2% | 51.6 | 51.8 | 0.2 | 0.5% |
| 86.4% | 51.6 | 51.8 | 0.3 | 0.5% |
| 87.7% | 51.5 | 51.8 | 0.2 | 0.4% |
| 88.9% | 51.5 | 51.7 | 0.1 | 0.3% |
| 90.1% | 51.5 | 51.6 | 0.1 | 0.2% |
| 91.4% | 51.3 | 51.5 | 0.2 | 0.4% |
| 92.6% | 51.3 | 51.5 | 0.3 | 0.5% |
| 93.8% | 51.2 | 51.4 | 0.2 | 0.4% |
| 95.1% | 51.1 | 51.3 | 0.2 | 0.3% |
| 96.3% | 51.1 | 51.2 | 0.1 | 0.2% |
| 97.5% | 51.0 | 51.2 | 0.1 | 0.3% |
| 98.8% | 51.0 | 50.9 | -0.1 | -0.2% |
| 100.0% | 50.9 | 50.8 | -0.1 | -0.2% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 62.6 | 60.7 | -1.9 | -3.0% |
| 1.2% | 58.6 | 56.3 | -2.3 | -3.9% |
| 2.5% | 57.7 | 56.3 | -1.4 | -2.4% |
| 3.7% | 56.4 | 55.5 | -0.9 | -1.6% |
| 4.9% | 56.0 | 55.5 | -0.5 | -0.9% |
| 6.2% | 55.8 | 55.5 | -0.3 | -0.5% |
| 7.4% | 55.6 | 55.5 | -0.2 | -0.3% |
| 8.6% | 55.4 | 55.5 | 0.1 | 0.2% |
| 9.9% | 55.4 | 55.4 | 0.1 | 0.1% |
| 11.1% | 55.3 | 55.4 | 0.1 | 0.1% |
| 12.3% | 55.3 | 55.3 | 0.0 | -0.1% |
| 13.6% | 55.3 | 55.2 | -0.1 | -0.2% |
| 14.8% | 55.3 | 55.1 | -0.1 | -0.3% |
| 16.0% | 55.2 | 55.0 | -0.2 | -0.3% |
| 17.3% | 55.1 | 54.9 | -0.2 | -0.4% |
| 18.5% | 55.0 | 54.8 | -0.2 | -0.3% |
| 19.8% | 55.0 | 54.7 | -0.3 | -0.5% |
| 21.0% | 54.8 | 54.7 | -0.2 | -0.3% |
| 22.2% | 54.8 | 54.7 | -0.1 | -0.2% |
| 23.5% | 54.6 | 54.6 | 0.0 | 0.0% |
| 24.7% | 54.6 | 54.6 | 0.0 | 0.0% |
| 25.9% | 54.6 | 54.6 | 0.0 | 0.0% |
| 27.2% | 54.5 | 54.4 | -0.1 | -0.2% |
| 28.4% | 54.5 | 54.3 | -0.2 | -0.5% |
| 29.6% | 54.4 | 54.2 | -0.2 | -0.4% |
| 30.9% | 54.4 | 54.2 | -0.2 | -0.4% |
| 32.1% | 54.2 | 54.1 | -0.1 | -0.1% |
| 33.3% | 54.2 | 54.1 | -0.1 | -0.1% |
| 34.6% | 54.1 | 54.1 | 0.0 | -0.1% |
| 35.8% | 54.0 | 54.0 | 0.0 | 0.0% |
| 37.0% | 53.9 | 54.0 | 0.0 | 0.1% |
| 38.3% | 53.7 | 53.9 | 0.2 | 0.4% |
| 39.5% | 53.7 | 53.8 | 0.1 | 0.1% |
| 40.7% | 53.6 | 53.6 | 0.0 | 0.0% |
| 42.0% | 53.5 | 53.6 | 0.0 | 0.1% |
| 43.2% | 53.4 | 53.5 | 0.2 | 0.3% |
| 44.4% | 53.4 | 53.5 | 0.1 | 0.3% |
| 45.7% | 53.3 | 53.5 | 0.3 | 0.5% |
| 46.9% | 53.2 | 53.5 | 0.3 | 0.6% |
| 48.1% | 53.2 | 53.5 | 0.3 | 0.5% |
| 49.4% | 53.2 | 53.4 | 0.3 | 0.5% |
| 50.6% | 53.2 | 53.4 | 0.2 | 0.4% |
| 51.9% | 53.2 | 53.4 | 0.2 | 0.4% |
| 53.1% | 53.1 | 53.3 | 0.2 | 0.4% |
| 54.3% | 53.1 | 53.3 | 0.3 | 0.5% |
| 55.6% | 53.1 | 53.2 | 0.1 | 0.2% |
| 56.8% | 53.0 | 53.1 | 0.2 | 0.3% |
| 58.0% | 52.9 | 53.1 | 0.2 | 0.3% |
| 59.3% | 52.9 | 53.1 | 0.2 | 0.4% |
| 60.5% | 52.8 | 53.1 | 0.2 | 0.4% |
| 61.7% | 52.8 | 53.0 | 0.2 | 0.4% |
| 63.0% | 52.8 | 53.0 | 0.2 | 0.4% |
| 64.2% | 52.7 | 53.0 | 0.3 | 0.6% |
| 65.4% | 52.6 | 53.0 | 0.4 | 0.7% |
| 66.7% | 52.6 | 53.0 | 0.3 | 0.7% |
| 67.9% | 52.6 | 52.9 | 0.3 | 0.6% |
| 69.1% | 52.5 | 52.9 | 0.3 | 0.6% |
| 70.4% | 52.5 | 52.8 | 0.3 | 0.6% |
| 71.6% | 52.5 | 52.8 | 0.4 | 0.7% |
| 72.8% | 52.5 | 52.8 | 0.3 | 0.7% |
| 74.1% | 52.5 | 52.7 | 0.3 | 0.5% |
| 75.3% | 52.4 | 52.7 | 0.2 | 0.5% |
| 76.5% | 52.4 | 52.6 | 0.2 | 0.4% |
| 77.8% | 52.4 | 52.5 | 0.2 | 0.3% |
| 79.0% | 52.4 | 52.4 | 0.1 | 0.1% |
| 80.2% | 52.4 | 52.4 | 0.0 | 0.0% |
| 81.5% | 52.3 | 52.4 | 0.1 | 0.1% |
| 82.7% | 52.3 | 52.4 | 0.1 | 0.1% |
| 84.0% | 52.2 | 52.4 | 0.1 | 0.3% |
| 85.2% | 52.1 | 52.3 | 0.2 | 0.3% |
| 86.4% | 51.9 | 52.0 | 0.1 | 0.2% |
| 87.7% | 51.9 | 52.0 | 0.1 | 0.2% |
| 88.9% | 51.9 | 51.9 | 0.0 | 0.1% |
| 90.1% | 51.8 | 51.8 | 0.1 | 0.1% |
| 91.4% | 51.7 | 51.8 | 0.1 | 0.2% |
| 92.6% | 51.7 | 51.8 | 0.1 | 0.3% |
| 93.8% | 51.6 | 51.8 | 0.1 | 0.2% |
| 95.1% | 51.6 | 51.7 | 0.1 | 0.2% |
| 96.3% | 51.5 | 51.3 | -0.2 | -0.3% |
| 97.5% | 51.4 | 51.3 | 0.0 | -0.1% |
| 98.8% | 51.4 | 51.3 | -0.1 | -0.1% |
| 100.0% | 51.2 | 50.9 | -0.3 | -0.6% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 65.2 | 63.0 | -2.2 | -3.4% |
| 1.2% | 60.6 | 57.2 | -3.4 | -5.7% |
| 2.5% | 58.9 | 56.8 | -2.1 | -3.6% |
| 3.7% | 57.1 | 56.1 | -1.1 | -1.9% |
| 4.9% | 56.6 | 55.9 | -0.7 | -1.2% |
| 6.2% | 56.3 | 55.9 | -0.4 | -0.7% |
| 7.4% | 56.2 | 55.8 | -0.4 | -0.6% |
| 8.6% | 55.8 | 55.5 | -0.3 | -0.5% |
| 9.9% | 55.5 | 55.4 | -0.1 | -0.2% |
| 11.1% | 55.5 | 55.3 | -0.2 | -0.4% |
| 12.3% | 55.5 | 55.3 | -0.2 | -0.4% |
| 13.6% | 55.3 | 55.3 | 0.0 | -0.1% |
| 14.8% | 55.3 | 55.1 | -0.2 | -0.3% |
| 16.0% | 55.2 | 55.0 | -0.2 | -0.3% |
| 17.3% | 55.2 | 55.0 | -0.2 | -0.4% |
| 18.5% | 55.1 | 54.9 | -0.2 | -0.4% |
| 19.8% | 55.1 | 54.8 | -0.3 | -0.5% |
| 21.0% | 55.1 | 54.8 | -0.3 | -0.5% |
| 22.2% | 55.1 | 54.8 | -0.3 | -0.5% |
| 23.5% | 55.0 | 54.8 | -0.3 | -0.5% |
| 24.7% | 55.0 | 54.7 | -0.2 | -0.4% |
| 25.9% | 54.9 | 54.7 | -0.2 | -0.4% |
| 27.2% | 54.9 | 54.7 | -0.2 | -0.4% |
| 28.4% | 54.9 | 54.7 | -0.2 | -0.3% |
| 29.6% | 54.9 | 54.7 | -0.2 | -0.3% |
| 30.9% | 54.8 | 54.7 | -0.1 | -0.2% |
| 32.1% | 54.6 | 54.6 | 0.0 | 0.0% |
| 33.3% | 54.6 | 54.5 | -0.1 | -0.2% |
| 34.6% | 54.4 | 54.5 | 0.0 | 0.1% |
| 35.8% | 54.3 | 54.5 | 0.2 | 0.3% |
| 37.0% | 54.2 | 54.2 | 0.0 | 0.0% |
| 38.3% | 54.1 | 54.2 | 0.1 | 0.2% |
| 39.5% | 54.0 | 54.2 | 0.2 | 0.3% |
| 40.7% | 54.0 | 54.1 | 0.1 | 0.2% |
| 42.0% | 53.9 | 54.0 | 0.0 | 0.0% |
| 43.2% | 53.9 | 53.8 | -0.1 | -0.2% |
| 44.4% | 53.8 | 53.8 | 0.0 | 0.0% |
| 45.7% | 53.8 | 53.7 | -0.1 | -0.1% |
| 46.9% | 53.7 | 53.7 | 0.1 | 0.1% |
| 48.1% | 53.6 | 53.6 | 0.0 | 0.1% |
| 49.4% | 53.5 | 53.6 | 0.1 | 0.1% |
| 50.6% | 53.4 | 53.6 | 0.2 | 0.3% |
| 51.9% | 53.4 | 53.6 | 0.2 | 0.3% |
| 53.1% | 53.4 | 53.6 | 0.2 | 0.3% |
| 54.3% | 53.3 | 53.6 | 0.2 | 0.4% |
| 55.6% | 53.3 | 53.5 | 0.2 | 0.4% |
| 56.8% | 53.3 | 53.5 | 0.2 | 0.4% |
| 58.0% | 53.2 | 53.4 | 0.2 | 0.4% |
| 59.3% | 53.2 | 53.4 | 0.2 | 0.4% |
| 60.5% | 53.2 | 53.4 | 0.2 | 0.5% |
| 61.7% | 53.2 | 53.4 | 0.3 | 0.5% |
| 63.0% | 53.1 | 53.4 | 0.3 | 0.6% |
| 64.2% | 53.1 | 53.4 | 0.3 | 0.6% |
| 65.4% | 53.1 | 53.3 | 0.2 | 0.4% |
| 66.7% | 53.0 | 53.3 | 0.3 | 0.5% |
| 67.9% | 53.0 | 53.3 | 0.2 | 0.5% |
| 69.1% | 53.0 | 52.9 | -0.1 | -0.1% |
| 70.4% | 52.9 | 52.9 | 0.0 | 0.0% |
| 71.6% | 52.9 | 52.9 | 0.0 | 0.0% |
| 72.8% | 52.8 | 52.9 | 0.0 | 0.1% |
| 74.1% | 52.8 | 52.9 | 0.1 | 0.1% |
| 75.3% | 52.7 | 52.9 | 0.1 | 0.2% |
| 76.5% | 52.7 | 52.8 | 0.2 | 0.3% |
| 77.8% | 52.6 | 52.8 | 0.2 | 0.4% |
| 79.0% | 52.4 | 52.8 | 0.3 | 0.7% |
| 80.2% | 52.4 | 52.8 | 0.3 | 0.7% |
| 81.5% | 52.4 | 52.7 | 0.3 | 0.6% |
| 82.7% | 52.3 | 52.7 | 0.4 | 0.7% |
| 84.0% | 52.3 | 52.5 | 0.2 | 0.4% |
| 85.2% | 52.2 | 52.3 | 0.1 | 0.2% |
| 86.4% | 52.2 | 52.1 | -0.1 | -0.2% |
| 87.7% | 52.1 | 52.1 | 0.0 | -0.1% |
| 88.9% | 52.1 | 52.0 | -0.1 | -0.1% |
| 90.1% | 52.0 | 52.0 | 0.0 | -0.1% |
| 91.4% | 52.0 | 52.0 | 0.0 | 0.0% |
| 92.6% | 51.8 | 51.7 | -0.1 | -0.2% |
| 93.8% | 51.8 | 51.7 | -0.1 | -0.2% |
| 95.1% | 51.6 | 51.6 | 0.0 | 0.0% |
| 96.3% | 51.6 | 51.4 | -0.2 | -0.3% |
| 97.5% | 51.5 | 51.2 | -0.2 | -0.4% |
| 98.8% | 51.2 | 51.2 | 0.0 | 0.0% |
| 100.0% | 51.0 | 50.5 | -0.5 | -0.9% |

**Figure SQ4-1b**
**Sacramento River at Balls Ferry, Monthly Temperature**
**Probability of Exceedance**



## Table SQ4-1b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 63.9 | 62.2 | -1.7 | -2.7% | 0.0% | 58.1 | 57.9 | -0.2 | -0.3% | 0.0% | 54.6 | 54.5 | -0.1 | -0.2% | 0.0% | 51.0 | 51.1 | 0.1 | 0.2% |
| 1.2% | 63.9 | 62.1 | -1.7 | -2.7% | 1.2% | 57.5 | 57.6 | 0.1 | 0.2% | 1.2% | 54.0 | 54.0 | 0.0 | 0.0% | 1.2% | 50.6 | 50.6 | 0.0 | 0.0% |
| 2.5% | 61.9 | 61.5 | -0.4 | -0.7% | 2.5% | 57.1 | 57.2 | 0.1 | 0.2% | 2.5% | 53.9 | 53.7 | -0.2 | -0.3% | 2.5% | 50.5 | 50.3 | -0.2 | -0.3% |
| 3.7% | 60.6 | 60.7 | 0.0 | 0.1% | 3.7% | 56.6 | 56.8 | 0.2 | 0.4% | 3.7% | 53.5 | 53.3 | -0.2 | -0.3% | 3.7% | 50.2 | 50.2 | 0.0 | -0.1% |
| 4.9% | 58.6 | 59.1 | 0.5 | 0.9% | 4.9% | 56.5 | 56.5 | -0.1 | -0.1% | 4.9% | 53.4 | 53.2 | -0.1 | -0.2% | 4.9% | 50.1 | 50.2 | 0.0 | 0.0% |
| 6.2% | 58.6 | 57.9 | -0.7 | -1.2% | 6.2% | 56.2 | 56.4 | 0.1 | 0.3% | 6.2% | 53.4 | 53.2 | -0.1 | -0.2% | 6.2% | 50.0 | 50.1 | 0.0 | 0.1% |
| 7.4% | 57.8 | 57.9 | 0.1 | 0.1% | 7.4% | 56.2 | 56.3 | 0.1 | 0.2% | 7.4% | 53.3 | 53.1 | -0.1 | -0.2% | 7.4% | 50.0 | 49.8 | -0.2 | -0.3% |
| 8.6% | 57.7 | 57.6 | -0.1 | -0.2% | 8.6% | 56.2 | 56.3 | 0.1 | 0.2% | 8.6% | 53.2 | 53.1 | -0.1 | -0.2% | 8.6% | 49.8 | 49.8 | 0.0 | -0.1% |
| 9.9% | 57.5 | 57.4 | 0.0 | 0.0% | 9.9% | 56.1 | 56.1 | -0.1 | -0.1% | 9.9% | 53.0 | 53.0 | 0.0 | 0.0% | 9.9% | 49.7 | 49.6 | -0.1 | -0.2% |
| 11.1% | 57.4 | 57.4 | 0.0 | 0.1% | 11.1% | 56.1 | 56.0 | -0.1 | -0.1% | 11.1% | 52.5 | 52.9 | 0.4 | 0.7% | 11.1% | 49.5 | 49.6 | 0.1 | 0.3% |
| 12.3% | 57.2 | 57.3 | 0.1 | 0.2% | 12.3% | 56.0 | 56.0 | 0.0 | -0.1% | 12.3% | 52.5 | 52.8 | 0.3 | 0.6% | 12.3% | 49.3 | 49.6 | 0.2 | 0.5% |
| 13.6% | 57.2 | 57.3 | 0.1 | 0.1% | 13.6% | 56.0 | 56.0 | 0.0 | 0.0% | 13.6% | 52.4 | 52.6 | 0.2 | 0.3% | 13.6% | 49.3 | 49.3 | 0.0 | 0.0% |
| 14.8% | 57.1 | 57.3 | 0.2 | 0.3% | 14.8% | 56.0 | 55.9 | 0.0 | 0.0% | 14.8% | 52.3 | 52.6 | 0.2 | 0.4% | 14.8% | 49.2 | 49.2 | 0.0 | 0.1% |
| 16.0% | 56.9 | 57.2 | 0.4 | 0.6% | 16.0% | 55.9 | 55.9 | 0.0 | 0.0% | 16.0% | 52.3 | 52.4 | 0.0 | 0.1% | 16.0% | 49.2 | 49.2 | 0.1 | 0.1% |
| 17.3% | 56.9 | 57.2 | 0.3 | 0.6% | 17.3% | 55.9 | 55.9 | 0.0 | 0.0% | 17.3% | 52.3 | 52.3 | 0.1 | 0.1% | 17.3% | 49.1 | 49.1 | 0.0 | -0.1% |
| 18.5% | 56.9 | 57.1 | 0.3 | 0.5% | 18.5% | 55.8 | 55.8 | 0.0 | 0.0% | 18.5% | 52.2 | 52.3 | 0.1 | 0.1% | 18.5% | 49.1 | 49.0 | 0.0 | -0.1% |
| 19.8% | 56.8 | 57.0 | 0.2 | 0.3% | 19.8% | 55.8 | 55.8 | 0.0 | 0.1% | 19.8% | 52.1 | 52.2 | 0.1 | 0.2% | 19.8% | 49.0 | 48.9 | -0.1 | -0.2% |
| 21.0% | 56.8 | 57.0 | 0.2 | 0.3% | 21.0% | 55.8 | 55.8 | 0.0 | 0.1% | 21.0% | 52.0 | 52.2 | 0.2 | 0.3% | 21.0% | 48.8 | 48.9 | 0.0 | 0.1% |
| 22.2% | 56.8 | 56.9 | 0.1 | 0.3% | 22.2% | 55.8 | 55.7 | 0.0 | -0.1% | 22.2% | 52.0 | 52.1 | 0.2 | 0.3% | 22.2% | 48.8 | 48.9 | 0.0 | 0.1% |
| 23.5% | 56.7 | 56.9 | 0.2 | 0.3% | 23.5% | 55.6 | 55.7 | 0.1 | 0.1% | 23.5% | 51.9 | 52.1 | 0.2 | 0.4% | 23.5% | 48.8 | 48.7 | -0.1 | -0.2% |
| 24.7% | 56.7 | 56.9 | 0.2 | 0.4% | 24.7% | 55.6 | 55.7 | 0.1 | 0.2% | 24.7% | 51.8 | 52.0 | 0.2 | 0.4% | 24.7% | 48.8 | 48.7 | -0.1 | -0.1% |
| 25.9% | 56.6 | 56.8 | 0.2 | 0.3% | 25.9% | 55.6 | 55.6 | 0.0 | 0.0% | 25.9% | 51.8 | 51.8 | 0.0 | 0.0% | 25.9% | 48.6 | 48.7 | 0.0 | 0.1% |
| 27.2% | 56.6 | 56.7 | 0.1 | 0.2% | 27.2% | 55.5 | 55.6 | 0.1 | 0.1% | 27.2% | 51.8 | 51.8 | 0.1 | 0.1% | 27.2% | 48.6 | 48.6 | 0.0 | 0.1% |
| 28.4% | 56.6 | 56.6 | 0.0 | 0.0% | 28.4% | 55.5 | 55.5 | 0.0 | 0.1% | 28.4% | 51.7 | 51.8 | 0.1 | 0.1% | 28.4% | 48.6 | 48.6 | 0.1 | 0.1% |
| 29.6% | 56.6 | 56.5 | -0.1 | -0.2% | 29.6% | 55.5 | 55.5 | 0.0 | 0.0% | 29.6% | 51.7 | 51.8 | 0.1 | 0.2% | 29.6% | 48.5 | 48.5 | 0.0 | 0.1% |
| 30.9% | 56.6 | 56.4 | -0.1 | -0.3% | 30.9% | 55.5 | 55.5 | 0.0 | 0.0% | 30.9% | 51.6 | 51.7 | 0.1 | 0.2% | 30.9% | 48.4 | 48.4 | 0.1 | 0.1% |
| 32.1% | 56.5 | 56.4 | -0.1 | -0.3% | 32.1% | 55.4 | 55.5 | 0.0 | 0.1% | 32.1% | 51.5 | 51.7 | 0.2 | 0.4% | 32.1% | 48.3 | 48.4 | 0.1 | 0.2% |
| 33.3% | 56.5 | 56.3 | -0.2 | -0.3% | 33.3% | 55.4 | 55.4 | 0.0 | 0.0% | 33.3% | 51.5 | 51.7 | 0.2 | 0.4% | 33.3% | 48.1 | 48.2 | 0.1 | 0.2% |
| 34.6% | 56.4 | 56.3 | -0.1 | -0.3% | 34.6% | 55.3 | 55.4 | 0.1 | 0.1% | 34.6% | 51.4 | 51.5 | 0.1 | 0.2% | 34.6% | 48.1 | 48.1 | 0.0 | 0.1% |
| 35.8% | 56.4 | 56.3 | -0.1 | -0.2% | 35.8% | 55.3 | 55.4 | 0.1 | 0.1% | 35.8% | 51.4 | 51.5 | 0.1 | 0.3% | 35.8% | 48.1 | 48.1 | 0.0 | 0.1% |
| 37.0% | 56.3 | 56.3 | -0.1 | -0.1% | 37.0% | 55.3 | 55.3 | 0.0 | 0.0% | 37.0% | 51.3 | 51.4 | 0.1 | 0.3% | 37.0% | 48.0 | 48.1 | 0.1 | 0.1% |
| 38.3% | 56.3 | 56.2 | -0.1 | -0.1% | 38.3% | 55.2 | 55.3 | 0.1 | 0.2% | 38.3% | 51.2 | 51.3 | 0.1 | 0.3% | 38.3% | 48.0 | 48.1 | 0.0 | 0.1% |
| 39.5% | 56.3 | 56.2 | -0.1 | -0.1% | 39.5% | 55.1 | 55.2 | 0.1 | 0.3% | 39.5% | 51.1 | 51.3 | 0.1 | 0.3% | 39.5% | 48.0 | 48.0 | 0.0 | 0.0% |
| 40.7% | 56.3 | 56.2 | -0.1 | -0.2% | 40.7% | 55.1 | 55.2 | 0.1 | 0.3% | 40.7% | 51.1 | 51.2 | 0.2 | 0.3% | 40.7% | 47.9 | 48.0 | 0.1 | 0.1% |
| 42.0% | 56.2 | 56.2 | -0.1 | -0.1% | 42.0% | 55.1 | 55.2 | 0.2 | 0.3% | 42.0% | 51.0 | 51.1 | 0.1 | 0.2% | 42.0% | 47.9 | 48.0 | 0.0 | 0.1% |
| 43.2% | 56.1 | 56.0 | -0.1 | -0.2% | 43.2% | 55.0 | 55.2 | 0.2 | 0.3% | 43.2% | 51.0 | 51.0 | 0.1 | 0.2% | 43.2% | 47.9 | 47.9 | 0.0 | 0.1% |
| 44.4% | 56.1 | 56.0 | -0.1 | -0.2% | 44.4% | 55.0 | 55.1 | 0.1 | 0.2% | 44.4% | 50.9 | 51.0 | 0.0 | 0.1% | 44.4% | 47.9 | 47.8 | 0.0 | 0.0% |
| 45.7% | 56.1 | 56.0 | -0.1 | -0.2% | 45.7% | 55.0 | 55.1 | 0.1 | 0.2% | 45.7% | 50.9 | 51.0 | 0.1 | 0.1% | 45.7% | 47.8 | 47.8 | 0.0 | 0.0% |
| 46.9% | 56.1 | 56.0 | -0.1 | -0.2% | 46.9% | 55.0 | 55.1 | 0.1 | 0.2% | 46.9% | 50.8 | 50.9 | 0.1 | 0.3% | 46.9% | 47.7 | 47.7 | 0.0 | -0.1% |
| 48.1% | 56.0 | 56.0 | 0.0 | -0.1% | 48.1% | 54.9 | 55.0 | 0.0 | 0.0% | 48.1% | 50.8 | 50.9 | 0.1 | 0.2% | 48.1% | 47.6 | 47.7 | 0.1 | 0.1% |
| 49.4% | 56.0 | 55.9 | -0.1 | -0.1% | 49.4% | 54.9 | 54.9 | 0.0 | 0.0% | 49.4% | 50.8 | 50.8 | 0.0 | 0.1% | 49.4% | 47.6 | 47.7 | 0.1 | 0.2% |
| 50.6% | 56.0 | 55.9 | -0.1 | -0.2% | 50.6% | 54.9 | 54.9 | 0.0 | 0.0% | 50.6% | 50.6 | 50.8 | 0.1 | 0.2% | 50.6% | 47.6 | 47.6 | 0.0 | 0.1% |
| 51.9% | 56.0 | 55.9 | -0.1 | -0.2% | 51.9% | 54.9 | 54.9 | 0.0 | 0.0% | 51.9% | 50.6 | 50.7 | 0.0 | 0.0% | 51.9% | 47.6 | 47.6 | 0.0 | 0.1% |
| 53.1% | 56.0 | 55.9 | -0.1 | -0.2% | 53.1% | 54.9 | 54.9 | 0.0 | 0.0% | 53.1% | 50.6 | 50.7 | 0.0 | 0.0% | 53.1% | 47.5 | 47.6 | 0.1 | 0.2% |
| 54.3% | 55.9 | 55.9 | -0.1 | -0.1% | 54.3% | 54.9 | 54.9 | 0.0 | 0.1% | 54.3% | 50.6 | 50.6 | 0.0 | 0.1% | 54.3% | 47.5 | 47.5 | 0.0 | 0.0% |
| 55.6% | 55.9 | 55.9 | -0.1 | -0.1% | 55.6% | 54.8 | 54.9 | 0.1 | 0.2% | 55.6% | 50.4 | 50.6 | 0.1 | 0.3% | 55.6% | 47.5 | 47.5 | 0.0 | 0.1% |
| 56.8% | 55.8 | 55.9 | 0.1 | 0.1% | 56.8% | 54.8 | 54.8 | 0.0 | 0.1% | 56.8% | 50.4 | 50.5 | 0.2 | 0.3% | 56.8% | 47.5 | 47.5 | 0.0 | 0.0% |
| 58.0% | 55.8 | 55.8 | 0.1 | 0.1% | 58.0% | 54.8 | 54.8 | 0.0 | 0.1% | 58.0% | 50.3 | 50.4 | 0.0 | 0.1% | 58.0% | 47.5 | 47.4 | 0.0 | 0.0% |
| 59.3% | 55.7 | 55.8 | 0.1 | 0.1% | 59.3% | 54.7 | 54.7 | 0.0 | 0.0% | 59.3% | 50.3 | 50.3 | 0.0 | 0.0% | 59.3% | 47.4 | 47.4 | 0.0 | -0.1% |
| 60.5% | 55.7 | 55.8 | 0.0 | 0.1% | 60.5% | 54.6 | 54.7 | 0.1 | 0.1% | 60.5% | 50.0 | 50.3 | 0.3 | 0.5% | 60.5% | 47.4 | 47.4 | 0.0 | 0.0% |
| 61.7% | 55.6 | 55.7 | 0.1 | 0.2% | 61.7% | 54.6 | 54.7 | 0.1 | 0.1% | 61.7% | 50.0 | 50.2 | 0.2 | 0.5% | 61.7% | 47.3 | 47.2 | 0.0 | -0.1% |
| 63.0% | 55.6 | 55.7 | 0.1 | 0.2% | 63.0% | 54.6 | 54.7 | 0.0 | 0.1% | 63.0% | 50.0 | 50.1 | 0.1 | 0.3% | 63.0% | 47.3 | 47.2 | 0.0 | -0.1% |
| 64.2% | 55.6 | 55.7 | 0.1 | 0.2% | 64.2% | 54.6 | 54.7 | 0.0 | 0.1% | 64.2% | 50.0 | 50.1 | 0.1 | 0.3% | 64.2% | 47.2 | 47.1 | -0.1 | -0.2% |
| 65.4% | 55.6 | 55.7 | 0.1 | 0.2% | 65.4% | 54.6 | 54.6 | 0.0 | 0.0% | 65.4% | 49.9 | 50.0 | 0.1 | 0.1% | 65.4% | 47.1 | 47.1 | -0.1 | -0.1% |
| 66.7% | 55.5 | 55.6 | 0.1 | 0.2% | 66.7% | 54.6 | 54.6 | 0.0 | 0.0% | 66.7% | 49.9 | 50.0 | 0.1 | 0.1% | 66.7% | 47.0 | 47.1 | 0.0 | 0.1% |
| 67.9% | 55.5 | 55.6 | 0.1 | 0.2% | 67.9% | 54.4 | 54.5 | 0.0 | 0.1% | 67.9% | 49.8 | 49.9 | 0.1 | 0.2% | 67.9% | 47.0 | 47.0 | 0.0 | 0.0% |
| 69.1% | 55.5 | 55.6 | 0.1 | 0.1% | 69.1% | 54.4 | 54.4 | 0.0 | 0.1% | 69.1% | 49.8 | 49.9 | 0.1 | 0.2% | 69.1% | 47.0 | 46.9 | -0.1 | -0.3% |
| 70.4% | 55.5 | 55.6 | 0.1 | 0.1% | 70.4% | 54.4 | 54.3 | -0.1 | -0.1% | 70.4% | 49.8 | 49.8 | 0.1 | 0.2% | 70.4% | 46.9 | 46.8 | -0.1 | -0.2% |
| 71.6% | 55.5 | 55.6 | 0.1 | 0.2% | 71.6% | 54.3 | 54.3 | 0.0 | 0.0% | 71.6% | 49.7 | 49.8 | 0.1 | 0.2% | 71.6% | 46.9 | 46.8 | 0.0 | -0.1% |
| 72.8% | 55.5 | 55.6 | 0.1 | 0.2% | 72.8% | 54.3 | 54.3 | 0.0 | 0.1% | 72.8% | 49.7 | 49.7 | 0.0 | 0.1% | 72.8% | 46.9 | 46.8 | 0.0 | -0.1% |
| 74.1% | 55.4 | 55.5 | 0.1 | 0.2% | 74.1% | 54.2 | 54.3 | 0.0 | 0.1% | 74.1% | 49.4 | 49.6 | 0.2 | 0.4% | 74.1% | 46.8 | 46.8 | -0.1 | -0.2% |
| 75.3% | 55.3 | 55.5 | 0.2 | 0.4% | 75.3% | 54.2 | 54.3 | 0.0 | 0.1% | 75.3% | 49.4 | 49.6 | 0.2 | 0.4% | 75.3% | 46.8 | 46.7 | -0.1 | -0.2% |
| 76.5% | 55.3 | 55.5 | 0.2 | 0.4% | 76.5% | 54.2 | 54.3 | 0.1 | 0.1% | 76.5% | 49.2 | 49.5 | 0.2 | 0.5% | 76.5% | 46.8 | 46.7 | -0.1 | -0.1% |
| 77.8% | 55.3 | 55.5 | 0.2 | 0.4% | 77.8% | 54.2 | 54.2 | 0.1 | 0.1% | 77.8% | 49.1 | 49.4 | 0.3 | 0.6% | 77.8% | 46.8 | 46.7 | -0.1 | -0.1% |
| 79.0% | 55.3 | 55.5 | 0.2 | 0.4% | 79.0% | 54.2 | 54.2 | 0.1 | 0.2% | 79.0% | 49.1 | 49.4 | 0.3 | 0.5% | 79.0% | 46.8 | 46.7 | -0.1 | -0.2% |
| 80.2% | 55.3 | 55.4 | 0.1 | 0.2% | 80.2% | 54.1 | 54.2 | 0.1 | 0.1% | 80.2% | 49.1 | 49.2 | 0.1 | 0.2% | 80.2% | 46.7 | 46.6 | -0.1 | -0.2% |
| 81.5% | 55.2 | 55.3 | 0.1 | 0.1% | 81.5% | 54.1 | 54.1 | 0.0 | 0.0% | 81.5% | 49.1 | 49.2 | 0.1 | 0.3% | 81.5% | 46.7 | 46.5 | -0.2 | -0.4% |
| 82.7% | 55.2 | 55.3 | 0.1 | 0.1% | 82.7% | 54.1 | 54.1 | 0.0 | 0.0% | 82.7% | 49.0 | 49.1 | 0.0 | 0.1% | 82.7% | 46.6 | 46.4 | -0.3 | -0.6% |
| 84.0% | 55.2 | 55.2 | 0.0 | 0.1% | 84.0% | 54.1 | 54.1 | 0.0 | 0.0% | 84.0% | 48.9 | 49.0 | 0.1 | 0.3% | 84.0% | 46.6 | 46.3 | -0.3 | -0.6% |
| 85.2% | 55.1 | 55.1 | 0.0 | 0.0% | 85.2% | 54.1 | 54.1 | 0.0 | 0.0% | 85.2% | 48.8 | 48.9 | 0.1 | 0.2% | 85.2% | 46.5 | 46.3 | -0.2 | -0.5% |
| 86.4% | 55.1 | 55.0 | -0.1 | -0.1% | 86.4% | 54.1 | 54.1 | 0.0 | 0.0% | 86.4% | 48.8 | 48.9 | 0.1 | 0.2% | 86.4% | 46.5 | 46.2 | -0.3 | -0.6% |
| 87.7% | 55.0 | 55.0 | 0.0 | 0.0% | 87.7% | 54.1 | 53.9 | -0.1 | -0.2% | 87.7% | 48.7 | 48.8 | 0.1 | 0.2% | 87.7% | 46.3 | 46.2 | -0.1 | -0.3% |
| 88.9% | 55.0 | 55.0 | 0.0 | 0.0% | 88.9% | 54.0 | 53.9 | -0.1 | -0.2% | 88.9% | 48.6 | 48.7 | 0.1 | 0.1% | 88.9% | 46.3 | 46.1 | -0.2 | -0.4% |
| 90.1% | 54.9 | 54.9 | 0.0 | 0.0% | 90.1% | 53.9 | 53.8 | -0.1 | -0.2% | 90.1% | 48.6 | 48.5 | -0.1 | -0.2% | 90.1% | 46.1 | 46.0 | 0.0 | -0.1% |
| 91.4% | 54.7 | 54.8 | 0.1 | 0.1% | 91.4% | 53.9 | 53.6 | -0.3 | -0.6% | 91.4% | 48.5 | 48.4 | 0.0 | 0.0% | 91.4% | 45.9 | 46.0 | 0.1 | 0.1% |
| 92.6% | 54.7 | 54.6 | -0.1 | -0.2% | 92.6% | 53.8 | 53.4 | -0.4 | -0.8% | 92.6% | 48.4 | 48.4 | 0.0 | 0.0% | 92.6% | 45.8 | 45.8 | 0.0 | 0.0% |
| 93.8% | 54.7 | 54.6 | -0.1 | -0.2% | 93.8% | 53.5 | 53.4 | -0.1 | -0.2% | 93.8% | 48.4 | 48.4 | 0.0 | 0.0% | 93.8% | 45.6 | 45.8 | 0.2 | 0.5% |
| 95.1% | 54.6 | 54.5 | -0.1 | -0.1% | 95.1% | 53.4 | 53.3 | -0.1 | -0.3% | 95.1% | 48.3 | 48.4 | 0.0 | 0.1% | 95.1% | 45.5 | 45.5 | 0.0 | 0.0% |
| 96.3% | 54.5 | 54.5 | 0.0 | 0.0% | 96.3% | 53.3 | 53.2 | -0.1 | -0.1% | 96.3% | 48.3 | 48.3 | 0.1 | 0.2% | 96.3% | 45.4 | 45.3 | -0.1 | -0.3% |
| 97.5% | 54.5 | 54.3 | -0.1 | -0.3% | 97.5% | 53.0 | 53.1 | 0.1 | 0.3% | 97.5% | 48.2 | 48.3 | 0.1 | 0.3% | 97.5% | 45.4 | 45.2 | -0.2 | -0.5% |
| 98.8% | 54.1 | 54.2 | 0.1 | 0.2% | 98.8% | 52.9 | 53.1 | 0.2 | 0.3% | 98.8% | 48.1 | 48.3 | 0.2 | 0.4% | 98.8% | 45.4 | 45.2 | -0.2 | -0.5% |
| 100.0% | 54.1 | 54.2 | 0.0 | 0.2% | 100.0% | 52.9 | 53.1 | 0.2 | 0.3% | 100.0% | 48.1 | 48.3 | 0.2 | 0.4% | 100.0% | 45.4 | 45.2 | -0.2 | -0.5% |

## Table SQ4-1b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 51.7 | 51.8 | 0.1 | 0.2% | 0.0% | 52.9 | 52.8 | -0.1 | -0.2% | 0.0% | 55.1 | 55.1 | 0.0 | 0.0% | 0.0% | 57.1 | 58.3 | 1.2 | 2.1% |
| 1.2% | 50.8 | 50.7 | -0.1 | -0.2% | 1.2% | 52.7 | 52.7 | 0.0 | 0.1% | 1.2% | 54.7 | 54.5 | -0.2 | -0.4% | 1.2% | 56.3 | 57.3 | 1.0 | 1.7% |
| 2.5% | 50.4 | 50.6 | 0.3 | 0.5% | 2.5% | 52.4 | 52.4 | 0.0 | 0.1% | 2.5% | 54.5 | 54.5 | 0.0 | 0.0% | 2.5% | 55.5 | 55.9 | 0.5 | 0.8% |
| 3.7% | 49.5 | 49.6 | 0.0 | 0.0% | 3.7% | 52.4 | 52.2 | -0.2 | -0.3% | 3.7% | 54.0 | 54.3 | 0.2 | 0.4% | 3.7% | 55.1 | 55.9 | 0.7 | 1.3% |
| 4.9% | 49.5 | 49.5 | 0.0 | 0.0% | 4.9% | 52.0 | 52.0 | 0.1 | 0.1% | 4.9% | 54.0 | 54.1 | 0.1 | 0.1% | 4.9% | 54.9 | 55.6 | 0.7 | 1.2% |
| 6.2% | 49.3 | 49.5 | 0.2 | 0.4% | 6.2% | 52.0 | 51.7 | -0.2 | -0.4% | 6.2% | 53.8 | 53.7 | -0.1 | -0.1% | 6.2% | 54.8 | 55.5 | 0.7 | 1.3% |
| 7.4% | 49.3 | 49.5 | 0.2 | 0.4% | 7.4% | 51.6 | 51.6 | 0.0 | 0.1% | 7.4% | 53.7 | 53.6 | -0.1 | -0.2% | 7.4% | 54.6 | 55.4 | 0.7 | 1.3% |
| 8.6% | 49.2 | 49.3 | 0.1 | 0.2% | 8.6% | 51.3 | 51.5 | 0.1 | 0.2% | 8.6% | 53.5 | 52.7 | -0.7 | -1.4% | 8.6% | 54.6 | 55.2 | 0.5 | 0.9% |
| 9.9% | 49.2 | 49.3 | 0.0 | 0.1% | 9.9% | 51.1 | 51.1 | 0.0 | 0.1% | 9.9% | 53.1 | 52.7 | -0.4 | -0.7% | 9.9% | 54.5 | 55.0 | 0.5 | 0.9% |
| 11.1% | 49.2 | 49.0 | -0.2 | -0.3% | 11.1% | 51.1 | 51.1 | 0.0 | 0.0% | 11.1% | 53.1 | 52.7 | -0.4 | -0.7% | 11.1% | 54.5 | 54.9 | 0.5 | 0.8% |
| 12.3% | 49.1 | 49.0 | -0.1 | -0.2% | 12.3% | 50.9 | 51.1 | 0.2 | 0.4% | 12.3% | 52.9 | 52.7 | -0.2 | -0.4% | 12.3% | 54.5 | 54.9 | 0.4 | 0.8% |
| 13.6% | 49.0 | 49.0 | 0.0 | 0.0% | 13.6% | 50.8 | 51.0 | 0.2 | 0.4% | 13.6% | 52.9 | 52.7 | -0.2 | -0.4% | 13.6% | 54.4 | 54.8 | 0.4 | 0.7% |
| 14.8% | 48.8 | 49.0 | 0.2 | 0.3% | 14.8% | 50.8 | 50.9 | 0.2 | 0.4% | 14.8% | 52.8 | 52.6 | -0.2 | -0.3% | 14.8% | 54.3 | 54.7 | 0.4 | 0.7% |
| 16.0% | 48.8 | 48.8 | 0.0 | 0.0% | 16.0% | 50.7 | 50.9 | 0.2 | 0.4% | 16.0% | 52.7 | 52.6 | -0.1 | -0.2% | 16.0% | 54.3 | 54.7 | 0.4 | 0.7% |
| 17.3% | 48.8 | 48.8 | 0.0 | 0.0% | 17.3% | 50.7 | 50.7 | 0.1 | 0.1% | 17.3% | 52.7 | 52.6 | -0.1 | -0.2% | 17.3% | 54.1 | 54.7 | 0.6 | 1.1% |
| 18.5% | 48.7 | 48.7 | 0.0 | 0.0% | 18.5% | 50.7 | 50.7 | 0.1 | 0.1% | 18.5% | 52.6 | 52.5 | -0.1 | -0.2% | 18.5% | 54.1 | 54.6 | 0.5 | 0.9% |
| 19.8% | 48.7 | 48.6 | -0.1 | -0.1% | 19.8% | 50.7 | 50.6 | 0.0 | -0.1% | 19.8% | 52.5 | 52.5 | 0.0 | -0.1% | 19.8% | 53.9 | 54.5 | 0.6 | 1.2% |
| 21.0% | 48.5 | 48.6 | 0.0 | 0.0% | 21.0% | 50.6 | 50.6 | 0.0 | 0.0% | 21.0% | 52.4 | 52.4 | 0.0 | 0.0% | 21.0% | 53.9 | 54.5 | 0.6 | 1.1% |
| 22.2% | 48.5 | 48.5 | 0.0 | 0.0% | 22.2% | 50.6 | 50.6 | 0.0 | -0.1% | 22.2% | 52.2 | 52.4 | 0.2 | 0.4% | 22.2% | 53.9 | 54.4 | 0.6 | 1.0% |
| 23.5% | 48.5 | 48.5 | 0.0 | 0.0% | 23.5% | 50.6 | 50.5 | -0.1 | -0.1% | 23.5% | 52.2 | 52.4 | 0.2 | 0.3% | 23.5% | 53.8 | 54.4 | 0.6 | 1.1% |
| 24.7% | 48.5 | 48.5 | 0.0 | 0.0% | 24.7% | 50.6 | 50.5 | -0.1 | -0.2% | 24.7% | 52.2 | 52.4 | 0.2 | 0.4% | 24.7% | 53.8 | 54.3 | 0.6 | 1.0% |
| 25.9% | 48.4 | 48.5 | 0.0 | 0.1% | 25.9% | 50.6 | 50.5 | -0.1 | -0.2% | 25.9% | 52.1 | 52.3 | 0.1 | 0.2% | 25.9% | 53.6 | 54.2 | 0.6 | 1.1% |
| 27.2% | 48.4 | 48.4 | 0.0 | 0.0% | 27.2% | 50.5 | 50.5 | 0.0 | 0.0% | 27.2% | 52.0 | 52.2 | 0.2 | 0.3% | 27.2% | 53.5 | 54.1 | 0.5 | 1.0% |
| 28.4% | 48.4 | 48.4 | 0.0 | 0.0% | 28.4% | 50.4 | 50.5 | 0.0 | 0.1% | 28.4% | 52.0 | 52.2 | 0.2 | 0.4% | 28.4% | 53.5 | 54.1 | 0.5 | 1.0% |
| 29.6% | 48.4 | 48.3 | -0.1 | -0.1% | 29.6% | 50.4 | 50.4 | 0.0 | 0.0% | 29.6% | 52.0 | 52.2 | 0.2 | 0.4% | 29.6% | 53.5 | 54.0 | 0.5 | 1.0% |
| 30.9% | 48.4 | 48.3 | -0.1 | -0.1% | 30.9% | 50.4 | 50.4 | 0.0 | 0.0% | 30.9% | 51.9 | 52.0 | 0.1 | 0.2% | 30.9% | 53.5 | 53.8 | 0.3 | 0.6% |
| 32.1% | 48.4 | 48.3 | -0.1 | -0.1% | 32.1% | 50.4 | 50.3 | -0.1 | -0.1% | 32.1% | 51.9 | 52.0 | 0.1 | 0.2% | 32.1% | 53.4 | 53.8 | 0.4 | 0.7% |
| 33.3% | 48.3 | 48.1 | -0.1 | -0.3% | 33.3% | 50.4 | 50.2 | -0.1 | -0.3% | 33.3% | 51.9 | 51.9 | 0.1 | 0.2% | 33.3% | 53.3 | 53.8 | 0.5 | 0.8% |
| 34.6% | 48.3 | 48.1 | -0.1 | -0.3% | 34.6% | 50.2 | 50.2 | 0.0 | -0.1% | 34.6% | 51.6 | 51.9 | 0.3 | 0.5% | 34.6% | 53.2 | 53.7 | 0.4 | 0.8% |
| 35.8% | 48.1 | 48.1 | 0.0 | 0.1% | 35.8% | 50.1 | 50.2 | 0.0 | 0.1% | 35.8% | 51.6 | 51.8 | 0.3 | 0.5% | 35.8% | 53.2 | 53.7 | 0.5 | 0.9% |
| 37.0% | 48.1 | 48.0 | -0.1 | -0.1% | 37.0% | 50.1 | 50.1 | 0.1 | 0.1% | 37.0% | 51.5 | 51.8 | 0.3 | 0.6% | 37.0% | 53.1 | 53.5 | 0.4 | 0.7% |
| 38.3% | 48.0 | 48.0 | -0.1 | -0.2% | 38.3% | 50.0 | 50.1 | 0.1 | 0.2% | 38.3% | 51.5 | 51.6 | 0.2 | 0.3% | 38.3% | 52.8 | 53.4 | 0.6 | 1.1% |
| 39.5% | 48.0 | 47.8 | -0.2 | -0.4% | 39.5% | 50.0 | 50.0 | 0.1 | 0.1% | 39.5% | 51.5 | 51.6 | 0.2 | 0.3% | 39.5% | 52.8 | 53.4 | 0.6 | 1.1% |
| 40.7% | 48.0 | 47.8 | -0.1 | -0.3% | 40.7% | 49.9 | 50.0 | 0.1 | 0.1% | 40.7% | 51.5 | 51.5 | 0.1 | 0.1% | 40.7% | 52.8 | 53.4 | 0.6 | 1.2% |
| 42.0% | 47.9 | 47.8 | -0.1 | -0.2% | 42.0% | 49.8 | 49.8 | 0.0 | -0.1% | 42.0% | 51.3 | 51.5 | 0.2 | 0.4% | 42.0% | 52.8 | 53.3 | 0.5 | 0.9% |
| 43.2% | 47.7 | 47.6 | -0.1 | -0.2% | 43.2% | 49.6 | 49.5 | 0.0 | -0.1% | 43.2% | 51.3 | 51.5 | 0.2 | 0.3% | 43.2% | 52.8 | 53.2 | 0.4 | 0.8% |
| 44.4% | 47.6 | 47.6 | 0.0 | 0.0% | 44.4% | 49.4 | 49.5 | 0.1 | 0.2% | 44.4% | 51.2 | 51.5 | 0.2 | 0.4% | 44.4% | 52.7 | 53.2 | 0.5 | 0.9% |
| 45.7% | 47.6 | 47.6 | 0.0 | 0.1% | 45.7% | 49.3 | 49.3 | 0.0 | 0.0% | 45.7% | 51.1 | 51.4 | 0.3 | 0.6% | 45.7% | 52.7 | 53.1 | 0.4 | 0.8% |
| 46.9% | 47.5 | 47.5 | 0.0 | 0.0% | 46.9% | 49.3 | 49.2 | 0.0 | -0.1% | 46.9% | 51.1 | 51.4 | 0.3 | 0.6% | 46.9% | 52.7 | 53.0 | 0.3 | 0.6% |
| 48.1% | 47.5 | 47.4 | 0.0 | -0.1% | 48.1% | 49.2 | 49.2 | 0.0 | -0.1% | 48.1% | 51.1 | 51.3 | 0.2 | 0.4% | 48.1% | 52.7 | 53.0 | 0.3 | 0.6% |
| 49.4% | 47.4 | 47.4 | 0.0 | 0.0% | 49.4% | 49.1 | 49.1 | 0.0 | 0.0% | 49.4% | 51.1 | 51.3 | 0.2 | 0.4% | 49.4% | 52.7 | 53.0 | 0.3 | 0.6% |
| 50.6% | 47.4 | 47.4 | 0.0 | -0.1% | 50.6% | 49.1 | 49.1 | 0.0 | -0.1% | 50.6% | 51.0 | 51.2 | 0.2 | 0.4% | 50.6% | 52.6 | 53.0 | 0.3 | 0.6% |
| 51.9% | 47.4 | 47.3 | 0.0 | 0.0% | 51.9% | 49.1 | 49.0 | -0.1 | -0.2% | 51.9% | 51.0 | 51.2 | 0.2 | 0.3% | 51.9% | 52.6 | 53.0 | 0.3 | 0.7% |
| 53.1% | 47.3 | 47.3 | 0.0 | 0.1% | 53.1% | 49.0 | 48.9 | -0.1 | -0.1% | 53.1% | 51.0 | 51.1 | 0.2 | 0.4% | 53.1% | 52.6 | 53.0 | 0.4 | 0.7% |
| 54.3% | 47.2 | 47.2 | 0.0 | 0.0% | 54.3% | 48.9 | 48.9 | 0.0 | -0.1% | 54.3% | 50.9 | 51.1 | 0.2 | 0.3% | 54.3% | 52.6 | 53.0 | 0.4 | 0.7% |
| 55.6% | 47.2 | 47.2 | 0.0 | 0.0% | 55.6% | 48.9 | 48.8 | 0.0 | 0.0% | 55.6% | 50.9 | 51.1 | 0.1 | 0.3% | 55.6% | 52.6 | 53.0 | 0.4 | 0.7% |
| 56.8% | 47.2 | 47.2 | 0.0 | 0.0% | 56.8% | 48.8 | 48.8 | 0.0 | 0.0% | 56.8% | 50.8 | 51.0 | 0.2 | 0.4% | 56.8% | 52.5 | 52.9 | 0.4 | 0.7% |
| 58.0% | 47.1 | 47.2 | 0.1 | 0.1% | 58.0% | 48.8 | 48.6 | -0.2 | -0.4% | 58.0% | 50.8 | 51.0 | 0.2 | 0.5% | 58.0% | 52.5 | 52.9 | 0.4 | 0.7% |
| 59.3% | 47.1 | 47.0 | 0.0 | -0.1% | 59.3% | 48.6 | 48.5 | -0.1 | -0.2% | 59.3% | 50.8 | 51.0 | 0.2 | 0.5% | 59.3% | 52.5 | 52.9 | 0.4 | 0.7% |
| 60.5% | 47.1 | 47.0 | 0.0 | 0.0% | 60.5% | 48.5 | 48.4 | 0.0 | -0.1% | 60.5% | 50.7 | 50.9 | 0.2 | 0.5% | 60.5% | 52.5 | 52.9 | 0.4 | 0.8% |
| 61.7% | 47.0 | 47.0 | 0.0 | -0.1% | 61.7% | 48.4 | 48.4 | -0.1 | -0.1% | 61.7% | 50.7 | 50.8 | 0.2 | 0.4% | 61.7% | 52.4 | 52.9 | 0.4 | 0.8% |
| 63.0% | 46.9 | 46.9 | 0.0 | 0.1% | 63.0% | 48.4 | 48.4 | -0.1 | -0.1% | 63.0% | 50.6 | 50.8 | 0.2 | 0.3% | 63.0% | 52.4 | 52.9 | 0.5 | 1.0% |
| 64.2% | 46.9 | 46.8 | -0.1 | -0.2% | 64.2% | 48.3 | 48.3 | 0.0 | 0.0% | 64.2% | 50.6 | 50.8 | 0.1 | 0.3% | 64.2% | 52.4 | 52.9 | 0.5 | 1.0% |
| 65.4% | 46.8 | 46.8 | 0.0 | 0.0% | 65.4% | 48.3 | 48.3 | 0.0 | 0.0% | 65.4% | 50.6 | 50.7 | 0.2 | 0.3% | 65.4% | 52.3 | 52.8 | 0.5 | 0.9% |
| 66.7% | 46.7 | 46.7 | 0.1 | 0.1% | 66.7% | 48.3 | 48.3 | 0.0 | 0.0% | 66.7% | 50.6 | 50.7 | 0.1 | 0.2% | 66.7% | 52.3 | 52.7 | 0.4 | 0.8% |
| 67.9% | 46.5 | 46.6 | 0.1 | 0.2% | 67.9% | 48.2 | 48.2 | -0.1 | -0.1% | 67.9% | 50.6 | 50.7 | 0.1 | 0.2% | 67.9% | 52.2 | 52.7 | 0.4 | 0.8% |
| 69.1% | 46.5 | 46.5 | 0.0 | -0.1% | 69.1% | 48.2 | 48.1 | -0.2 | -0.4% | 69.1% | 50.5 | 50.6 | 0.1 | 0.1% | 69.1% | 52.2 | 52.6 | 0.4 | 0.8% |
| 70.4% | 46.5 | 46.4 | -0.1 | -0.2% | 70.4% | 48.0 | 47.9 | -0.1 | -0.2% | 70.4% | 50.5 | 50.6 | 0.1 | 0.1% | 70.4% | 52.2 | 52.6 | 0.4 | 0.8% |
| 71.6% | 46.5 | 46.4 | -0.1 | -0.2% | 71.6% | 48.0 | 47.9 | -0.1 | -0.1% | 71.6% | 50.5 | 50.5 | 0.0 | 0.0% | 71.6% | 52.2 | 52.4 | 0.3 | 0.5% |
| 72.8% | 46.5 | 46.3 | -0.2 | -0.4% | 72.8% | 47.9 | 47.8 | -0.1 | -0.3% | 72.8% | 50.4 | 50.5 | 0.1 | 0.1% | 72.8% | 52.1 | 52.4 | 0.3 | 0.6% |
| 74.1% | 46.5 | 46.3 | -0.2 | -0.4% | 74.1% | 47.9 | 47.6 | -0.3 | -0.7% | 74.1% | 50.4 | 50.4 | 0.1 | 0.1% | 74.1% | 52.1 | 52.4 | 0.3 | 0.7% |
| 75.3% | 46.4 | 46.2 | -0.2 | -0.5% | 75.3% | 47.6 | 47.5 | -0.1 | -0.2% | 75.3% | 50.4 | 50.4 | 0.1 | 0.1% | 75.3% | 52.1 | 52.4 | 0.3 | 0.6% |
| 76.5% | 46.4 | 46.1 | -0.4 | -0.8% | 76.5% | 47.5 | 47.5 | 0.0 | -0.1% | 76.5% | 50.1 | 50.3 | 0.2 | 0.3% | 76.5% | 52.0 | 52.4 | 0.3 | 0.6% |
| 77.8% | 46.2 | 46.1 | -0.1 | -0.3% | 77.8% | 47.5 | 47.4 | -0.1 | -0.2% | 77.8% | 50.1 | 50.3 | 0.2 | 0.4% | 77.8% | 51.9 | 52.4 | 0.4 | 0.8% |
| 79.0% | 46.1 | 46.0 | -0.1 | -0.2% | 79.0% | 47.5 | 47.4 | -0.1 | -0.2% | 79.0% | 49.7 | 50.1 | 0.5 | 0.9% | 79.0% | 51.9 | 52.2 | 0.3 | 0.5% |
| 80.2% | 46.1 | 46.0 | -0.1 | -0.2% | 80.2% | 47.4 | 47.2 | -0.1 | -0.3% | 80.2% | 49.6 | 50.1 | 0.5 | 1.1% | 80.2% | 51.9 | 52.2 | 0.3 | 0.5% |
| 81.5% | 46.0 | 45.8 | -0.2 | -0.4% | 81.5% | 47.3 | 47.2 | -0.1 | -0.2% | 81.5% | 49.6 | 49.7 | 0.1 | 0.2% | 81.5% | 51.9 | 52.2 | 0.3 | 0.5% |
| 82.7% | 45.9 | 45.8 | -0.1 | -0.2% | 82.7% | 47.3 | 47.2 | -0.1 | -0.2% | 82.7% | 49.6 | 49.7 | 0.1 | 0.2% | 82.7% | 51.8 | 52.1 | 0.3 | 0.5% |
| 84.0% | 45.9 | 45.7 | -0.1 | -0.3% | 84.0% | 47.2 | 47.2 | 0.0 | 0.0% | 84.0% | 49.5 | 49.6 | 0.1 | 0.2% | 84.0% | 51.8 | 52.1 | 0.3 | 0.6% |
| 85.2% | 45.8 | 45.7 | -0.2 | -0.4% | 85.2% | 47.2 | 47.1 | 0.0 | 0.0% | 85.2% | 49.5 | 49.6 | 0.1 | 0.2% | 85.2% | 51.8 | 52.1 | 0.3 | 0.6% |
| 86.4% | 45.8 | 45.6 | -0.1 | -0.3% | 86.4% | 47.1 | 47.1 | 0.0 | 0.1% | 86.4% | 49.4 | 49.6 | 0.1 | 0.3% | 86.4% | 51.8 | 52.0 | 0.2 | 0.5% |
| 87.7% | 45.7 | 45.6 | -0.1 | -0.2% | 87.7% | 47.0 | 47.0 | 0.1 | 0.1% | 87.7% | 49.4 | 49.5 | 0.2 | 0.3% | 87.7% | 51.8 | 52.0 | 0.3 | 0.5% |
| 88.9% | 45.7 | 45.5 | -0.2 | -0.4% | 88.9% | 46.9 | 46.9 | 0.1 | 0.1% | 88.9% | 49.3 | 49.4 | 0.2 | 0.3% | 88.9% | 51.7 | 51.9 | 0.3 | 0.5% |
| 90.1% | 45.7 | 45.5 | -0.2 | -0.4% | 90.1% | 46.9 | 46.9 | 0.0 | 0.0% | 90.1% | 49.3 | 49.3 | 0.0 | 0.0% | 90.1% | 51.6 | 51.9 | 0.3 | 0.5% |
| 91.4% | 45.6 | 45.5 | -0.1 | -0.3% | 91.4% | 46.9 | 46.9 | 0.0 | 0.0% | 91.4% | 49.1 | 49.3 | 0.2 | 0.4% | 91.4% | 51.5 | 51.9 | 0.3 | 0.7% |
| 92.6% | 45.6 | 45.5 | -0.1 | -0.2% | 92.6% | 46.8 | 46.8 | -0.1 | -0.1% | 92.6% | 49.1 | 49.1 | 0.1 | 0.1% | 92.6% | 51.4 | 51.6 | 0.2 | 0.4% |
| 93.8% | 45.4 | 45.4 | 0.0 | 0.0% | 93.8% | 46.7 | 46.8 | 0.0 | 0.1% | 93.8% | 49.1 | 49.1 | 0.0 | 0.0% | 93.8% | 51.4 | 51.6 | 0.2 | 0.4% |
| 95.1% | 45.4 | 45.2 | -0.2 | -0.4% | 95.1% | 46.7 | 46.7 | 0.0 | 0.0% | 95.1% | 49.0 | 49.0 | 0.0 | 0.0% | 95.1% | 51.4 | 51.6 | 0.3 | 0.5% |
| 96.3% | 45.2 | 45.1 | -0.2 | -0.3% | 96.3% | 46.6 | 46.5 | -0.1 | -0.1% | 96.3% | 48.7 | 48.8 | 0.1 | 0.2% | 96.3% | 51.3 | 51.3 | 0.0 | 0.0% |
| 97.5% | 45.2 | 45.0 | -0.2 | -0.4% | 97.5% | 46.4 | 46.3 | -0.1 | -0.2% | 97.5% | 48.7 | 48.7 | 0.0 | 0.1% | 97.5% | 51.2 | 50.9 | -0.2 | -0.5% |
| 98.8% | 44.0 | 44.1 | 0.0 | 0.0% | 98.8% | 46.0 | 46.1 | 0.1 | 0.2% | 98.8% | 48.2 | 48.2 | 0.0 | 0.0% | 98.8% | 50.2 | 50.8 | 0.6 | 1.1% |
| 100.0% | 44.0 | 44.1 | 0.0 | 0.0% | 100.0% | 46.0 | 46.1 | 0.1 | 0.2% | 100.0% | 48.2 | 48.2 | 0.0 | 0.0% | 100.0% | 50.2 | 50.8 | 0.6 | 1.1% |

## Table SQ4-1b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 57.1 | 57.2 | 0.1 | 0.2% | 0.0% | 58.6 | 57.5 | -1.1 | -1.9% | 0.0% | 66.1 | 61.5 | -4.6 | -7.0% | 0.0% | 66.5 | 66.8 | 0.4 | 0.6% |
| 1.2% | 56.3 | 56.3 | 0.0 | 0.0% | 1.2% | 57.4 | 57.4 | 0.0 | 0.0% | 1.2% | 59.0 | 57.5 | -1.5 | -2.5% | 1.2% | 64.5 | 60.5 | -4.0 | -6.3% |
| 2.5% | 56.3 | 56.2 | 0.0 | -0.1% | 2.5% | 57.3 | 57.1 | -0.3 | -0.4% | 2.5% | 58.6 | 57.4 | -1.2 | -2.0% | 2.5% | 63.1 | 60.0 | -3.1 | -4.9% |
| 3.7% | 56.2 | 55.8 | -0.4 | -0.7% | 3.7% | 57.2 | 57.0 | -0.3 | -0.5% | 3.7% | 58.4 | 57.1 | -1.2 | -2.1% | 3.7% | 59.8 | 58.2 | -1.6 | -2.6% |
| 4.9% | 55.6 | 55.2 | -0.3 | -0.6% | 4.9% | 57.0 | 56.9 | -0.1 | -0.2% | 4.9% | 58.2 | 57.0 | -1.1 | -1.9% | 4.9% | 59.1 | 58.2 | -0.9 | -1.5% |
| 6.2% | 55.4 | 55.2 | -0.1 | -0.2% | 6.2% | 56.9 | 56.9 | 0.0 | 0.0% | 6.2% | 57.9 | 57.0 | -0.9 | -1.6% | 6.2% | 58.8 | 58.0 | -0.8 | -1.4% |
| 7.4% | 55.3 | 55.1 | -0.2 | -0.4% | 7.4% | 56.8 | 56.8 | 0.0 | 0.0% | 7.4% | 57.6 | 57.0 | -0.6 | -1.0% | 7.4% | 58.7 | 57.9 | -0.8 | -1.4% |
| 8.6% | 55.3 | 55.1 | -0.2 | -0.3% | 8.6% | 56.7 | 56.7 | 0.0 | -0.1% | 8.6% | 57.3 | 56.9 | -0.3 | -0.6% | 8.6% | 58.0 | 57.6 | -0.4 | -0.7% |
| 9.9% | 55.1 | 54.9 | -0.2 | -0.3% | 9.9% | 56.6 | 56.6 | 0.1 | 0.1% | 9.9% | 57.2 | 56.9 | -0.3 | -0.5% | 9.9% | 57.9 | 57.5 | -0.4 | -0.6% |
| 11.1% | 54.9 | 54.8 | -0.1 | -0.1% | 11.1% | 56.4 | 56.5 | 0.1 | 0.2% | 11.1% | 57.1 | 56.8 | -0.3 | -0.5% | 11.1% | 57.8 | 57.1 | -0.7 | -1.2% |
| 12.3% | 54.9 | 54.8 | -0.1 | -0.2% | 12.3% | 56.4 | 56.4 | 0.1 | 0.1% | 12.3% | 57.1 | 56.8 | -0.3 | -0.6% | 12.3% | 57.7 | 57.1 | -0.6 | -1.1% |
| 13.6% | 54.9 | 54.7 | -0.1 | -0.2% | 13.6% | 56.4 | 56.2 | -0.1 | -0.2% | 13.6% | 57.1 | 56.7 | -0.4 | -0.6% | 13.6% | 57.7 | 57.1 | -0.6 | -1.1% |
| 14.8% | 54.8 | 54.6 | -0.2 | -0.4% | 14.8% | 56.2 | 56.1 | -0.1 | -0.2% | 14.8% | 57.1 | 56.6 | -0.4 | -0.7% | 14.8% | 57.6 | 57.1 | -0.5 | -0.9% |
| 16.0% | 54.6 | 54.6 | 0.0 | 0.0% | 16.0% | 56.2 | 56.0 | -0.1 | -0.2% | 16.0% | 56.9 | 56.6 | -0.3 | -0.6% | 16.0% | 57.6 | 56.7 | -0.9 | -1.5% |
| 17.3% | 54.6 | 54.5 | -0.1 | -0.1% | 17.3% | 56.1 | 56.0 | -0.1 | -0.2% | 17.3% | 56.9 | 56.5 | -0.4 | -0.6% | 17.3% | 57.6 | 56.7 | -0.9 | -1.5% |
| 18.5% | 54.6 | 54.5 | -0.1 | -0.1% | 18.5% | 56.0 | 56.0 | 0.0 | 0.1% | 18.5% | 56.8 | 56.5 | -0.3 | -0.5% | 18.5% | 57.3 | 56.6 | -0.6 | -1.1% |
| 19.8% | 54.5 | 54.4 | -0.1 | -0.2% | 19.8% | 55.9 | 56.0 | 0.1 | 0.2% | 19.8% | 56.8 | 56.5 | -0.3 | -0.5% | 19.8% | 57.2 | 56.6 | -0.6 | -1.1% |
| 21.0% | 54.5 | 54.4 | -0.1 | -0.2% | 21.0% | 55.8 | 56.0 | 0.2 | 0.4% | 21.0% | 56.8 | 56.5 | -0.3 | -0.5% | 21.0% | 57.1 | 56.6 | -0.5 | -0.9% |
| 22.2% | 54.3 | 54.4 | 0.1 | 0.2% | 22.2% | 55.7 | 56.0 | 0.3 | 0.6% | 22.2% | 56.7 | 56.5 | -0.2 | -0.4% | 22.2% | 57.1 | 56.5 | -0.5 | -1.0% |
| 23.5% | 54.3 | 54.4 | 0.0 | 0.1% | 23.5% | 55.6 | 55.7 | 0.1 | 0.2% | 23.5% | 56.7 | 56.4 | -0.3 | -0.4% | 23.5% | 56.9 | 56.5 | -0.4 | -0.7% |
| 24.7% | 54.3 | 54.3 | 0.0 | 0.0% | 24.7% | 55.4 | 55.6 | 0.2 | 0.4% | 24.7% | 56.7 | 56.4 | -0.3 | -0.5% | 24.7% | 56.9 | 56.5 | -0.4 | -0.7% |
| 25.9% | 54.3 | 54.2 | -0.1 | -0.1% | 25.9% | 55.4 | 55.6 | 0.2 | 0.3% | 25.9% | 56.6 | 56.4 | -0.3 | -0.5% | 25.9% | 56.9 | 56.4 | -0.4 | -0.8% |
| 27.2% | 54.2 | 54.2 | 0.1 | 0.1% | 27.2% | 55.4 | 55.6 | 0.2 | 0.4% | 27.2% | 56.5 | 56.3 | -0.3 | -0.4% | 27.2% | 56.6 | 56.4 | -0.1 | -0.3% |
| 28.4% | 54.1 | 54.2 | 0.0 | 0.0% | 28.4% | 55.3 | 55.6 | 0.3 | 0.5% | 28.4% | 56.4 | 56.3 | -0.1 | -0.2% | 28.4% | 56.5 | 56.4 | -0.1 | -0.2% |
| 29.6% | 54.1 | 54.1 | 0.0 | 0.1% | 29.6% | 55.2 | 55.4 | 0.1 | 0.2% | 29.6% | 56.4 | 56.3 | -0.1 | -0.2% | 29.6% | 56.5 | 56.3 | -0.2 | -0.4% |
| 30.9% | 54.1 | 54.1 | 0.0 | -0.1% | 30.9% | 55.2 | 55.3 | 0.1 | 0.2% | 30.9% | 56.3 | 56.2 | -0.1 | -0.2% | 30.9% | 56.5 | 56.2 | -0.3 | -0.5% |
| 32.1% | 53.9 | 54.0 | 0.1 | 0.3% | 32.1% | 55.1 | 55.3 | 0.2 | 0.3% | 32.1% | 56.3 | 56.2 | -0.1 | -0.2% | 32.1% | 56.4 | 56.2 | -0.2 | -0.4% |
| 33.3% | 53.6 | 54.0 | 0.4 | 0.7% | 33.3% | 55.0 | 55.2 | 0.2 | 0.4% | 33.3% | 56.3 | 56.2 | -0.1 | -0.2% | 33.3% | 56.3 | 56.2 | -0.2 | -0.3% |
| 34.6% | 53.6 | 54.0 | 0.4 | 0.8% | 34.6% | 54.8 | 55.0 | 0.2 | 0.3% | 34.6% | 56.3 | 56.2 | -0.1 | -0.2% | 34.6% | 56.0 | 56.2 | 0.2 | 0.3% |
| 35.8% | 53.5 | 53.9 | 0.4 | 0.7% | 35.8% | 54.8 | 55.0 | 0.2 | 0.3% | 35.8% | 56.3 | 56.1 | -0.1 | -0.2% | 35.8% | 56.0 | 56.1 | 0.1 | 0.2% |
| 37.0% | 53.5 | 53.9 | 0.4 | 0.8% | 37.0% | 54.8 | 55.0 | 0.2 | 0.3% | 37.0% | 56.3 | 56.1 | -0.1 | -0.3% | 37.0% | 55.8 | 55.9 | 0.1 | 0.2% |
| 38.3% | 53.4 | 53.9 | 0.5 | 0.8% | 38.3% | 54.5 | 55.0 | 0.4 | 0.8% | 38.3% | 56.2 | 56.1 | -0.1 | -0.2% | 38.3% | 55.7 | 55.9 | 0.2 | 0.4% |
| 39.5% | 53.4 | 53.8 | 0.4 | 0.7% | 39.5% | 54.5 | 55.0 | 0.4 | 0.8% | 39.5% | 56.0 | 56.0 | 0.0 | 0.0% | 39.5% | 55.6 | 55.9 | 0.3 | 0.5% |
| 40.7% | 53.4 | 53.8 | 0.4 | 0.7% | 40.7% | 54.5 | 54.9 | 0.4 | 0.8% | 40.7% | 56.0 | 56.0 | 0.0 | 0.0% | 40.7% | 55.6 | 55.6 | 0.1 | 0.2% |
| 42.0% | 53.3 | 53.7 | 0.4 | 0.7% | 42.0% | 54.4 | 54.9 | 0.5 | 0.9% | 42.0% | 55.9 | 55.9 | 0.0 | 0.1% | 42.0% | 55.4 | 55.6 | 0.2 | 0.3% |
| 43.2% | 53.3 | 53.7 | 0.3 | 0.7% | 43.2% | 54.4 | 54.8 | 0.4 | 0.7% | 43.2% | 55.9 | 55.9 | 0.0 | 0.0% | 43.2% | 55.3 | 55.5 | 0.2 | 0.3% |
| 44.4% | 53.3 | 53.7 | 0.4 | 0.7% | 44.4% | 54.4 | 54.8 | 0.4 | 0.7% | 44.4% | 55.9 | 55.8 | -0.1 | -0.1% | 44.4% | 55.2 | 55.2 | 0.0 | 0.0% |
| 45.7% | 53.3 | 53.7 | 0.4 | 0.7% | 45.7% | 54.4 | 54.8 | 0.4 | 0.7% | 45.7% | 55.9 | 55.8 | -0.1 | -0.2% | 45.7% | 55.2 | 55.2 | 0.0 | 0.0% |
| 46.9% | 53.3 | 53.6 | 0.3 | 0.6% | 46.9% | 54.3 | 54.7 | 0.4 | 0.7% | 46.9% | 55.8 | 55.8 | -0.1 | -0.2% | 46.9% | 55.1 | 55.1 | 0.0 | 0.1% |
| 48.1% | 53.3 | 53.6 | 0.3 | 0.6% | 48.1% | 54.3 | 54.7 | 0.4 | 0.7% | 48.1% | 55.7 | 55.7 | -0.1 | -0.1% | 48.1% | 55.1 | 55.1 | 0.0 | 0.0% |
| 49.4% | 53.2 | 53.6 | 0.3 | 0.6% | 49.4% | 54.3 | 54.6 | 0.4 | 0.7% | 49.4% | 55.7 | 55.6 | -0.1 | -0.1% | 49.4% | 55.0 | 55.0 | -0.1 | -0.1% |
| 50.6% | 53.2 | 53.5 | 0.4 | 0.7% | 50.6% | 54.2 | 54.6 | 0.4 | 0.7% | 50.6% | 55.6 | 55.6 | -0.1 | -0.1% | 50.6% | 55.0 | 55.0 | 0.0 | -0.1% |
| 51.9% | 53.1 | 53.5 | 0.3 | 0.7% | 51.9% | 54.2 | 54.5 | 0.3 | 0.6% | 51.9% | 55.6 | 55.5 | -0.1 | -0.1% | 51.9% | 54.8 | 54.9 | 0.2 | 0.3% |
| 53.1% | 53.1 | 53.5 | 0.4 | 0.7% | 53.1% | 54.2 | 54.4 | 0.2 | 0.4% | 53.1% | 55.5 | 55.5 | 0.0 | -0.1% | 53.1% | 54.6 | 54.9 | 0.3 | 0.6% |
| 54.3% | 53.1 | 53.5 | 0.4 | 0.8% | 54.3% | 54.2 | 54.4 | 0.2 | 0.4% | 54.3% | 55.5 | 55.5 | 0.0 | -0.1% | 54.3% | 54.5 | 54.8 | 0.3 | 0.5% |
| 55.6% | 53.1 | 53.4 | 0.3 | 0.7% | 55.6% | 54.1 | 54.4 | 0.3 | 0.5% | 55.6% | 55.5 | 55.5 | 0.0 | 0.0% | 55.6% | 54.4 | 54.7 | 0.3 | 0.6% |
| 56.8% | 53.1 | 53.4 | 0.3 | 0.7% | 56.8% | 54.1 | 54.4 | 0.3 | 0.5% | 56.8% | 55.5 | 55.5 | 0.0 | 0.0% | 56.8% | 54.2 | 54.7 | 0.5 | 0.9% |
| 58.0% | 53.0 | 53.3 | 0.3 | 0.6% | 58.0% | 54.1 | 54.3 | 0.3 | 0.5% | 58.0% | 55.5 | 55.4 | -0.1 | -0.1% | 58.0% | 54.1 | 54.6 | 0.5 | 1.0% |
| 59.3% | 53.0 | 53.3 | 0.4 | 0.7% | 59.3% | 54.0 | 54.3 | 0.3 | 0.5% | 59.3% | 55.4 | 55.3 | -0.2 | -0.3% | 59.3% | 54.1 | 54.6 | 0.5 | 1.0% |
| 60.5% | 52.9 | 53.3 | 0.4 | 0.7% | 60.5% | 53.9 | 54.3 | 0.4 | 0.7% | 60.5% | 55.4 | 55.3 | -0.1 | -0.2% | 60.5% | 54.0 | 54.6 | 0.6 | 1.0% |
| 61.7% | 52.9 | 53.3 | 0.4 | 0.8% | 61.7% | 53.9 | 54.2 | 0.3 | 0.6% | 61.7% | 55.3 | 55.3 | -0.1 | -0.1% | 61.7% | 53.9 | 54.5 | 0.5 | 1.0% |
| 63.0% | 52.8 | 53.3 | 0.5 | 1.0% | 63.0% | 53.9 | 54.1 | 0.2 | 0.4% | 63.0% | 55.3 | 55.2 | -0.1 | -0.1% | 63.0% | 53.9 | 54.5 | 0.6 | 1.1% |
| 64.2% | 52.8 | 53.3 | 0.5 | 1.0% | 64.2% | 53.8 | 54.1 | 0.3 | 0.5% | 64.2% | 55.3 | 55.2 | -0.1 | -0.2% | 64.2% | 53.9 | 54.5 | 0.6 | 1.1% |
| 65.4% | 52.7 | 53.3 | 0.6 | 1.1% | 65.4% | 53.8 | 54.1 | 0.3 | 0.6% | 65.4% | 55.3 | 55.1 | -0.2 | -0.3% | 65.4% | 53.8 | 54.4 | 0.6 | 1.1% |
| 66.7% | 52.7 | 53.3 | 0.6 | 1.1% | 66.7% | 53.8 | 54.1 | 0.3 | 0.5% | 66.7% | 55.3 | 55.0 | -0.2 | -0.4% | 66.7% | 53.8 | 54.4 | 0.6 | 1.1% |
| 67.9% | 52.7 | 53.2 | 0.6 | 1.1% | 67.9% | 53.7 | 53.8 | 0.1 | 0.2% | 67.9% | 55.2 | 55.0 | -0.2 | -0.3% | 67.9% | 53.7 | 54.3 | 0.6 | 1.2% |
| 69.1% | 52.7 | 53.2 | 0.6 | 1.1% | 69.1% | 53.7 | 53.8 | 0.1 | 0.2% | 69.1% | 55.2 | 54.9 | -0.3 | -0.5% | 69.1% | 53.7 | 54.3 | 0.6 | 1.2% |
| 70.4% | 52.6 | 53.2 | 0.5 | 1.0% | 70.4% | 53.7 | 53.8 | 0.1 | 0.2% | 70.4% | 55.1 | 54.9 | -0.2 | -0.4% | 70.4% | 53.7 | 54.3 | 0.6 | 1.2% |
| 71.6% | 52.6 | 53.2 | 0.6 | 1.1% | 71.6% | 53.6 | 53.8 | 0.2 | 0.4% | 71.6% | 55.1 | 54.9 | -0.2 | -0.4% | 71.6% | 53.6 | 54.3 | 0.6 | 1.2% |
| 72.8% | 52.5 | 53.2 | 0.6 | 1.2% | 72.8% | 53.6 | 53.8 | 0.2 | 0.4% | 72.8% | 55.0 | 54.9 | -0.1 | -0.2% | 72.8% | 53.6 | 54.2 | 0.6 | 1.1% |
| 74.1% | 52.5 | 53.2 | 0.7 | 1.3% | 74.1% | 53.6 | 53.8 | 0.2 | 0.4% | 74.1% | 55.0 | 54.8 | -0.1 | -0.3% | 74.1% | 53.4 | 54.1 | 0.7 | 1.4% |
| 75.3% | 52.5 | 53.1 | 0.7 | 1.3% | 75.3% | 53.5 | 53.7 | 0.2 | 0.3% | 75.3% | 54.9 | 54.8 | -0.1 | -0.1% | 75.3% | 53.3 | 54.0 | 0.7 | 1.3% |
| 76.5% | 52.5 | 53.0 | 0.6 | 1.1% | 76.5% | 53.4 | 53.7 | 0.3 | 0.5% | 76.5% | 54.8 | 54.8 | 0.0 | -0.1% | 76.5% | 53.3 | 53.6 | 0.3 | 0.5% |
| 77.8% | 52.3 | 52.9 | 0.6 | 1.2% | 77.8% | 53.4 | 53.6 | 0.3 | 0.5% | 77.8% | 54.8 | 54.7 | -0.1 | -0.2% | 77.8% | 53.3 | 53.5 | 0.2 | 0.4% |
| 79.0% | 52.3 | 52.9 | 0.6 | 1.1% | 79.0% | 53.4 | 53.6 | 0.2 | 0.4% | 79.0% | 54.8 | 54.5 | -0.3 | -0.5% | 79.0% | 53.3 | 53.5 | 0.2 | 0.4% |
| 80.2% | 52.2 | 52.8 | 0.6 | 1.1% | 80.2% | 53.3 | 53.6 | 0.2 | 0.4% | 80.2% | 54.8 | 54.5 | -0.3 | -0.5% | 80.2% | 52.9 | 53.5 | 0.6 | 1.2% |
| 81.5% | 52.2 | 52.8 | 0.6 | 1.1% | 81.5% | 53.3 | 53.5 | 0.2 | 0.5% | 81.5% | 54.8 | 54.3 | -0.4 | -0.8% | 81.5% | 52.7 | 53.4 | 0.7 | 1.3% |
| 82.7% | 52.2 | 52.6 | 0.4 | 0.8% | 82.7% | 53.2 | 53.5 | 0.3 | 0.5% | 82.7% | 54.7 | 54.3 | -0.4 | -0.7% | 82.7% | 52.7 | 53.4 | 0.7 | 1.4% |
| 84.0% | 52.2 | 52.6 | 0.4 | 0.8% | 84.0% | 53.2 | 53.5 | 0.3 | 0.5% | 84.0% | 54.7 | 54.3 | -0.4 | -0.7% | 84.0% | 52.6 | 53.4 | 0.8 | 1.5% |
| 85.2% | 52.0 | 52.6 | 0.5 | 1.0% | 85.2% | 53.0 | 53.4 | 0.4 | 0.7% | 85.2% | 54.6 | 54.2 | -0.4 | -0.7% | 85.2% | 52.6 | 53.4 | 0.7 | 1.4% |
| 86.4% | 52.0 | 52.5 | 0.6 | 1.1% | 86.4% | 53.0 | 53.4 | 0.4 | 0.7% | 86.4% | 54.6 | 54.2 | -0.3 | -0.6% | 86.4% | 52.6 | 53.1 | 0.4 | 0.8% |
| 87.7% | 51.9 | 52.5 | 0.5 | 1.0% | 87.7% | 53.0 | 53.4 | 0.4 | 0.7% | 87.7% | 54.5 | 54.2 | -0.3 | -0.6% | 87.7% | 52.6 | 52.8 | 0.2 | 0.4% |
| 88.9% | 51.9 | 52.4 | 0.5 | 1.0% | 88.9% | 53.0 | 53.3 | 0.3 | 0.6% | 88.9% | 54.5 | 54.1 | -0.4 | -0.7% | 88.9% | 52.6 | 52.6 | 0.0 | 0.1% |
| 90.1% | 51.8 | 52.4 | 0.6 | 1.2% | 90.1% | 52.9 | 53.1 | 0.2 | 0.3% | 90.1% | 54.5 | 54.1 | -0.4 | -0.7% | 90.1% | 52.5 | 52.6 | 0.0 | 0.1% |
| 91.4% | 51.7 | 52.4 | 0.7 | 1.3% | 91.4% | 52.8 | 53.0 | 0.2 | 0.4% | 91.4% | 54.4 | 54.1 | -0.4 | -0.7% | 91.4% | 52.5 | 52.2 | -0.3 | -0.6% |
| 92.6% | 51.7 | 52.3 | 0.6 | 1.2% | 92.6% | 52.7 | 53.0 | 0.2 | 0.4% | 92.6% | 54.4 | 54.1 | -0.3 | -0.6% | 92.6% | 52.2 | 51.9 | -0.3 | -0.6% |
| 93.8% | 51.7 | 52.3 | 0.6 | 1.2% | 93.8% | 52.6 | 52.8 | 0.2 | 0.4% | 93.8% | 54.1 | 54.0 | -0.1 | -0.2% | 93.8% | 51.9 | 51.9 | 0.0 | 0.0% |
| 95.1% | 51.6 | 52.2 | 0.6 | 1.1% | 95.1% | 52.6 | 52.7 | 0.1 | 0.2% | 95.1% | 53.4 | 53.8 | 0.4 | 0.7% | 95.1% | 51.7 | 51.9 | 0.1 | 0.2% |
| 96.3% | 51.6 | 52.1 | 0.5 | 1.0% | 96.3% | 52.6 | 52.7 | 0.1 | 0.1% | 96.3% | 53.4 | 53.6 | 0.2 | 0.4% | 96.3% | 51.6 | 51.8 | 0.2 | 0.4% |
| 97.5% | 51.5 | 52.0 | 0.5 | 1.0% | 97.5% | 52.5 | 52.6 | 0.2 | 0.3% | 97.5% | 53.1 | 53.5 | 0.3 | 0.6% | 97.5% | 51.3 | 51.5 | 0.3 | 0.6% |
| 98.8% | 51.5 | 51.9 | 0.4 | 0.8% | 98.8% | 52.2 | 52.4 | 0.2 | 0.3% | 98.8% | 53.0 | 53.4 | 0.3 | 0.6% | 98.8% | 51.2 | 51.4 | 0.1 | 0.3% |
| 100.0% | 51.5 | 51.9 | 0.4 | 0.8% | 100.0% | 52.2 | 52.4 | 0.2 | 0.3% | 100.0% | 53.0 | 53.4 | 0.3 | 0.6% | 100.0% | 51.2 | 51.4 | 0.1 | 0.3% |

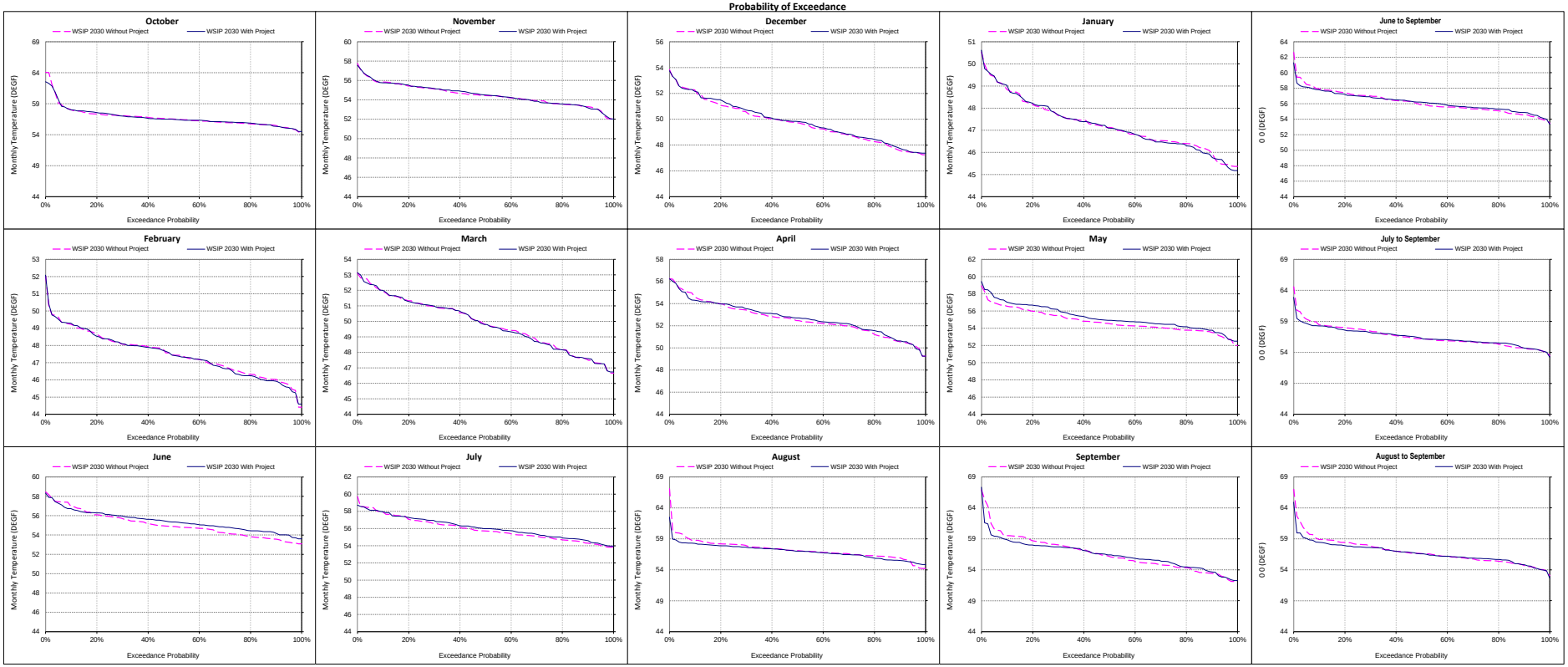
## Table SQ4-1b

**Sacramento River at Balls Ferry, Monthly Temperature**

**Probability of Exceedance**

| June to September | | | | | July to September | | | | | August to September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 61.7 | 60.2 | -1.5 | -2.4% | 0.0% | 63.7 | 61.9 | -1.8 | -2.8% | 0.0% | 66.3 | 64.2 | -2.1 | -3.2% |
| 1.2% | 58.4 | 57.2 | -1.1 | -1.9% | 1.2% | 59.8 | 58.1 | -1.7 | -2.9% | 1.2% | 61.7 | 58.7 | -3.0 | -4.9% |
| 2.5% | 58.1 | 57.1 | -1.0 | -1.8% | 2.5% | 59.3 | 57.8 | -1.4 | -2.4% | 2.5% | 60.5 | 58.5 | -2.0 | -3.2% |
| 3.7% | 57.5 | 56.9 | -0.6 | -1.1% | 3.7% | 58.2 | 57.3 | -0.9 | -1.6% | 3.7% | 59.2 | 57.7 | -1.5 | -2.5% |
| 4.9% | 56.9 | 56.8 | -0.1 | -0.3% | 4.9% | 57.7 | 57.3 | -0.4 | -0.7% | 4.9% | 58.5 | 57.7 | -0.8 | -1.3% |
| 6.2% | 56.8 | 56.7 | -0.2 | -0.3% | 6.2% | 57.6 | 57.2 | -0.5 | -0.8% | 6.2% | 58.3 | 57.6 | -0.7 | -1.3% |
| 7.4% | 56.8 | 56.6 | -0.2 | -0.4% | 7.4% | 57.6 | 57.1 | -0.6 | -1.0% | 7.4% | 58.2 | 57.5 | -0.7 | -1.2% |
| 8.6% | 56.7 | 56.6 | -0.1 | -0.2% | 8.6% | 57.3 | 57.0 | -0.3 | -0.5% | 8.6% | 57.5 | 57.1 | -0.4 | -0.7% |
| 9.9% | 56.6 | 56.4 | -0.2 | -0.3% | 9.9% | 57.0 | 57.0 | 0.0 | -0.1% | 9.9% | 57.5 | 57.1 | -0.4 | -0.8% |
| 11.1% | 56.6 | 56.4 | -0.2 | -0.4% | 11.1% | 57.0 | 57.0 | 0.0 | -0.1% | 11.1% | 57.4 | 57.0 | -0.3 | -0.6% |
| 12.3% | 56.5 | 56.4 | -0.1 | -0.2% | 12.3% | 57.0 | 56.9 | -0.1 | -0.2% | 12.3% | 57.3 | 57.0 | -0.3 | -0.6% |
| 13.6% | 56.4 | 56.2 | -0.2 | -0.3% | 13.6% | 56.9 | 56.8 | -0.1 | -0.2% | 13.6% | 57.2 | 56.9 | -0.3 | -0.6% |
| 14.8% | 56.3 | 56.2 | -0.1 | -0.1% | 14.8% | 56.9 | 56.7 | -0.1 | -0.2% | 14.8% | 57.1 | 56.7 | -0.4 | -0.7% |
| 16.0% | 56.3 | 56.1 | -0.2 | -0.3% | 16.0% | 56.8 | 56.6 | -0.2 | -0.3% | 16.0% | 57.1 | 56.7 | -0.5 | -0.8% |
| 17.3% | 56.2 | 55.9 | -0.2 | -0.4% | 17.3% | 56.7 | 56.5 | -0.2 | -0.4% | 17.3% | 57.1 | 56.6 | -0.5 | -0.8% |
| 18.5% | 56.1 | 55.9 | -0.2 | -0.4% | 18.5% | 56.7 | 56.4 | -0.3 | -0.5% | 18.5% | 57.0 | 56.5 | -0.5 | -0.8% |
| 19.8% | 56.1 | 55.8 | -0.3 | -0.5% | 19.8% | 56.6 | 56.3 | -0.4 | -0.7% | 19.8% | 57.0 | 56.5 | -0.5 | -0.8% |
| 21.0% | 56.1 | 55.7 | -0.4 | -0.7% | 21.0% | 56.5 | 56.2 | -0.3 | -0.5% | 21.0% | 56.9 | 56.5 | -0.4 | -0.7% |
| 22.2% | 55.8 | 55.7 | -0.1 | -0.2% | 22.2% | 56.5 | 56.2 | -0.3 | -0.5% | 22.2% | 56.8 | 56.4 | -0.4 | -0.7% |
| 23.5% | 55.8 | 55.6 | -0.1 | -0.2% | 23.5% | 56.4 | 56.2 | -0.2 | -0.3% | 23.5% | 56.8 | 56.4 | -0.4 | -0.7% |
| 24.7% | 55.7 | 55.6 | 0.0 | 0.0% | 24.7% | 56.3 | 56.1 | -0.2 | -0.3% | 24.7% | 56.7 | 56.4 | -0.3 | -0.6% |
| 25.9% | 55.6 | 55.5 | -0.1 | -0.2% | 25.9% | 56.3 | 56.1 | -0.2 | -0.4% | 25.9% | 56.6 | 56.3 | -0.3 | -0.5% |
| 27.2% | 55.6 | 55.5 | -0.1 | -0.2% | 27.2% | 56.3 | 56.1 | -0.2 | -0.4% | 27.2% | 56.6 | 56.3 | -0.3 | -0.5% |
| 28.4% | 55.6 | 55.4 | -0.1 | -0.2% | 28.4% | 56.1 | 55.9 | -0.2 | -0.4% | 28.4% | 56.6 | 56.3 | -0.3 | -0.5% |
| 29.6% | 55.6 | 55.4 | -0.1 | -0.2% | 29.6% | 56.1 | 55.9 | -0.2 | -0.4% | 29.6% | 56.6 | 56.3 | -0.3 | -0.4% |
| 30.9% | 55.5 | 55.4 | -0.1 | -0.3% | 30.9% | 56.0 | 55.8 | -0.3 | -0.5% | 30.9% | 56.4 | 56.3 | -0.1 | -0.2% |
| 32.1% | 55.5 | 55.4 | -0.2 | -0.3% | 32.1% | 56.0 | 55.8 | -0.3 | -0.4% | 32.1% | 56.3 | 56.3 | -0.1 | -0.1% |
| 33.3% | 55.3 | 55.3 | 0.0 | 0.0% | 33.3% | 55.8 | 55.7 | -0.2 | -0.3% | 33.3% | 56.3 | 56.1 | -0.2 | -0.3% |
| 34.6% | 55.2 | 55.2 | 0.0 | -0.1% | 34.6% | 55.7 | 55.7 | 0.0 | 0.0% | 34.6% | 56.0 | 56.1 | 0.1 | 0.2% |
| 35.8% | 55.0 | 55.1 | 0.1 | 0.2% | 35.8% | 55.6 | 55.6 | 0.1 | 0.1% | 35.8% | 55.9 | 55.9 | 0.0 | 0.0% |
| 37.0% | 55.0 | 55.1 | 0.1 | 0.1% | 37.0% | 55.5 | 55.5 | 0.0 | 0.0% | 37.0% | 55.7 | 55.8 | 0.1 | 0.2% |
| 38.3% | 55.0 | 55.0 | 0.0 | 0.0% | 38.3% | 55.3 | 55.4 | 0.2 | 0.3% | 38.3% | 55.7 | 55.7 | 0.0 | 0.0% |
| 39.5% | 54.9 | 55.0 | 0.1 | 0.2% | 39.5% | 55.2 | 55.3 | 0.1 | 0.2% | 39.5% | 55.6 | 55.7 | 0.0 | 0.1% |
| 40.7% | 54.9 | 54.9 | 0.1 | 0.2% | 40.7% | 55.2 | 55.3 | 0.1 | 0.2% | 40.7% | 55.6 | 55.7 | 0.1 | 0.1% |
| 42.0% | 54.7 | 54.9 | 0.2 | 0.3% | 42.0% | 55.1 | 55.2 | 0.2 | 0.3% | 42.0% | 55.6 | 55.6 | 0.0 | 0.0% |
| 43.2% | 54.6 | 54.9 | 0.3 | 0.5% | 43.2% | 55.0 | 55.1 | 0.1 | 0.2% | 43.2% | 55.4 | 55.4 | -0.1 | -0.1% |
| 44.4% | 54.6 | 54.8 | 0.2 | 0.4% | 44.4% | 55.0 | 55.1 | 0.1 | 0.2% | 44.4% | 55.4 | 55.4 | -0.1 | -0.1% |
| 45.7% | 54.5 | 54.8 | 0.3 | 0.6% | 45.7% | 54.9 | 55.1 | 0.2 | 0.3% | 45.7% | 55.4 | 55.3 | -0.1 | -0.2% |
| 46.9% | 54.5 | 54.8 | 0.3 | 0.5% | 46.9% | 54.9 | 55.0 | 0.2 | 0.3% | 46.9% | 55.2 | 55.3 | 0.0 | 0.0% |
| 48.1% | 54.5 | 54.7 | 0.2 | 0.4% | 48.1% | 54.9 | 55.0 | 0.1 | 0.2% | 48.1% | 55.2 | 55.3 | 0.1 | 0.2% |
| 49.4% | 54.5 | 54.7 | 0.2 | 0.3% | 49.4% | 54.8 | 54.9 | 0.1 | 0.2% | 49.4% | 55.2 | 55.2 | 0.1 | 0.1% |
| 50.6% | 54.4 | 54.6 | 0.2 | 0.4% | 50.6% | 54.8 | 54.9 | 0.1 | 0.2% | 50.6% | 55.1 | 55.1 | 0.1 | 0.1% |
| 51.9% | 54.4 | 54.6 | 0.3 | 0.5% | 51.9% | 54.7 | 54.9 | 0.2 | 0.4% | 51.9% | 55.1 | 55.1 | 0.1 | 0.1% |
| 53.1% | 54.4 | 54.6 | 0.2 | 0.4% | 53.1% | 54.6 | 54.9 | 0.2 | 0.4% | 53.1% | 55.0 | 55.1 | 0.0 | 0.1% |
| 54.3% | 54.3 | 54.5 | 0.3 | 0.5% | 54.3% | 54.6 | 54.9 | 0.3 | 0.6% | 54.3% | 55.0 | 55.0 | 0.0 | 0.0% |
| 55.6% | 54.3 | 54.4 | 0.1 | 0.3% | 55.6% | 54.5 | 54.8 | 0.3 | 0.5% | 55.6% | 55.0 | 55.0 | 0.0 | 0.0% |
| 56.8% | 54.2 | 54.4 | 0.2 | 0.4% | 56.8% | 54.5 | 54.8 | 0.3 | 0.5% | 56.8% | 54.9 | 55.0 | 0.1 | 0.1% |
| 58.0% | 54.2 | 54.4 | 0.2 | 0.4% | 58.0% | 54.5 | 54.7 | 0.2 | 0.4% | 58.0% | 54.9 | 54.9 | 0.1 | 0.1% |
| 59.3% | 54.2 | 54.3 | 0.2 | 0.3% | 59.3% | 54.5 | 54.6 | 0.2 | 0.3% | 59.3% | 54.8 | 54.9 | 0.1 | 0.2% |
| 60.5% | 54.1 | 54.3 | 0.2 | 0.3% | 60.5% | 54.5 | 54.6 | 0.2 | 0.3% | 60.5% | 54.7 | 54.9 | 0.2 | 0.3% |
| 61.7% | 54.0 | 54.3 | 0.3 | 0.5% | 61.7% | 54.5 | 54.6 | 0.1 | 0.2% | 61.7% | 54.7 | 54.9 | 0.2 | 0.4% |
| 63.0% | 54.0 | 54.3 | 0.3 | 0.5% | 63.0% | 54.4 | 54.5 | 0.1 | 0.2% | 63.0% | 54.7 | 54.9 | 0.2 | 0.3% |
| 64.2% | 53.9 | 54.2 | 0.3 | 0.5% | 64.2% | 54.4 | 54.5 | 0.1 | 0.3% | 64.2% | 54.6 | 54.7 | 0.1 | 0.2% |
| 65.4% | 53.9 | 54.2 | 0.3 | 0.5% | 65.4% | 54.3 | 54.5 | 0.2 | 0.4% | 65.4% | 54.6 | 54.7 | 0.1 | 0.2% |
| 66.7% | 53.9 | 54.1 | 0.2 | 0.4% | 66.7% | 54.3 | 54.5 | 0.2 | 0.4% | 66.7% | 54.6 | 54.7 | 0.1 | 0.2% |
| 67.9% | 53.9 | 54.1 | 0.2 | 0.4% | 67.9% | 54.3 | 54.5 | 0.2 | 0.5% | 67.9% | 54.5 | 54.6 | 0.2 | 0.3% |
| 69.1% | 53.8 | 54.1 | 0.2 | 0.5% | 69.1% | 54.2 | 54.4 | 0.2 | 0.3% | 69.1% | 54.4 | 54.6 | 0.1 | 0.3% |
| 70.4% | 53.8 | 54.1 | 0.3 | 0.5% | 70.4% | 54.2 | 54.4 | 0.2 | 0.3% | 70.4% | 54.4 | 54.5 | 0.2 | 0.3% |
| 71.6% | 53.8 | 54.0 | 0.3 | 0.5% | 71.6% | 54.2 | 54.4 | 0.2 | 0.4% | 71.6% | 54.4 | 54.5 | 0.2 | 0.3% |
| 72.8% | 53.7 | 54.0 | 0.3 | 0.6% | 72.8% | 54.2 | 54.3 | 0.1 | 0.3% | 72.8% | 54.3 | 54.5 | 0.2 | 0.3% |
| 74.1% | 53.7 | 54.0 | 0.3 | 0.6% | 74.1% | 54.2 | 54.3 | 0.1 | 0.2% | 74.1% | 54.3 | 54.5 | 0.2 | 0.4% |
| 75.3% | 53.7 | 54.0 | 0.3 | 0.6% | 75.3% | 54.1 | 54.3 | 0.2 | 0.3% | 75.3% | 54.2 | 54.5 | 0.2 | 0.4% |
| 76.5% | 53.7 | 53.9 | 0.2 | 0.4% | 76.5% | 54.0 | 54.2 | 0.2 | 0.3% | 76.5% | 54.2 | 54.5 | 0.3 | 0.5% |
| 77.8% | 53.7 | 53.9 | 0.2 | 0.4% | 77.8% | 54.0 | 54.1 | 0.2 | 0.3% | 77.8% | 54.2 | 54.4 | 0.2 | 0.4% |
| 79.0% | 53.6 | 53.8 | 0.2 | 0.4% | 79.0% | 53.9 | 54.1 | 0.2 | 0.3% | 79.0% | 54.1 | 54.3 | 0.2 | 0.5% |
| 80.2% | 53.6 | 53.7 | 0.2 | 0.3% | 80.2% | 53.9 | 54.1 | 0.2 | 0.3% | 80.2% | 54.1 | 54.3 | 0.3 | 0.5% |
| 81.5% | 53.6 | 53.7 | 0.2 | 0.3% | 81.5% | 53.9 | 54.0 | 0.2 | 0.3% | 81.5% | 54.0 | 54.2 | 0.3 | 0.5% |
| 82.7% | 53.4 | 53.7 | 0.3 | 0.5% | 82.7% | 53.8 | 54.0 | 0.2 | 0.4% | 82.7% | 53.9 | 54.2 | 0.3 | 0.5% |
| 84.0% | 53.4 | 53.7 | 0.3 | 0.5% | 84.0% | 53.7 | 53.9 | 0.2 | 0.4% | 84.0% | 53.9 | 54.2 | 0.3 | 0.6% |
| 85.2% | 53.3 | 53.6 | 0.2 | 0.4% | 85.2% | 53.6 | 53.9 | 0.2 | 0.4% | 85.2% | 53.7 | 54.1 | 0.4 | 0.8% |
| 86.4% | 53.3 | 53.6 | 0.3 | 0.5% | 86.4% | 53.6 | 53.8 | 0.2 | 0.5% | 86.4% | 53.7 | 53.6 | 0.0 | -0.1% |
| 87.7% | 53.2 | 53.5 | 0.3 | 0.6% | 87.7% | 53.4 | 53.6 | 0.2 | 0.4% | 87.7% | 53.6 | 53.6 | -0.1 | -0.1% |
| 88.9% | 53.1 | 53.4 | 0.3 | 0.5% | 88.9% | 53.3 | 53.5 | 0.2 | 0.3% | 88.9% | 53.6 | 53.5 | -0.1 | -0.1% |
| 90.1% | 53.1 | 53.4 | 0.3 | 0.5% | 90.1% | 53.3 | 53.4 | 0.2 | 0.3% | 90.1% | 53.5 | 53.4 | -0.1 | -0.2% |
| 91.4% | 53.1 | 53.3 | 0.2 | 0.3% | 91.4% | 53.2 | 53.3 | 0.1 | 0.1% | 91.4% | 53.3 | 53.4 | 0.1 | 0.1% |
| 92.6% | 53.0 | 53.2 | 0.2 | 0.4% | 92.6% | 53.2 | 53.2 | 0.1 | 0.1% | 92.6% | 53.3 | 53.4 | 0.1 | 0.2% |
| 93.8% | 52.8 | 52.9 | 0.2 | 0.3% | 93.8% | 53.1 | 53.1 | 0.0 | 0.0% | 93.8% | 53.0 | 53.0 | 0.0 | -0.1% |
| 95.1% | 52.7 | 52.8 | 0.1 | 0.2% | 95.1% | 53.1 | 53.1 | 0.0 | -0.1% | 95.1% | 53.0 | 52.9 | -0.1 | -0.2% |
| 96.3% | 52.6 | 52.8 | 0.1 | 0.2% | 96.3% | 53.0 | 53.0 | 0.1 | 0.2% | 96.3% | 53.0 | 52.8 | -0.2 | -0.3% |
| 97.5% | 52.6 | 52.7 | 0.1 | 0.2% | 97.5% | 52.9 | 52.9 | 0.0 | -0.1% | 97.5% | 52.9 | 52.7 | -0.2 | -0.3% |
| 98.8% | 52.6 | 52.7 | 0.1 | 0.3% | 98.8% | 52.9 | 52.8 | -0.1 | -0.3% | 98.8% | 52.6 | 52.7 | 0.1 | 0.3% |
| 100.0% | 52.3 | 52.1 | -0.2 | -0.3% | 100.0% | 52.4 | 52.1 | -0.3 | -0.6% | 100.0% | 52.1 | 51.6 | -0.4 | -0.8% |

**Figure SQ5-1b**
**Sacramento River at Jellys Ferry, Monthly Temperature**
**Probability of Exceedance**



## Table SQ5-1b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 64.1 | 62.5 | -1.5 | -2.4% | 0.0% | 57.8 | 57.6 | -0.2 | -0.3% | 0.0% | 53.8 | 53.7 | -0.1 | -0.2% | 0.0% | 50.5 | 50.6 | 0.1 | 0.2% |
| 1.2% | 64.0 | 62.3 | -1.7 | -2.7% | 1.2% | 57.1 | 57.2 | 0.1 | 0.1% | 1.2% | 53.3 | 53.3 | 0.1 | 0.1% | 1.2% | 50.0 | 49.8 | -0.2 | -0.4% |
| 2.5% | 62.1 | 61.9 | -0.2 | -0.3% | 2.5% | 56.7 | 56.8 | 0.0 | 0.0% | 2.5% | 53.1 | 53.1 | 0.0 | 0.0% | 2.5% | 49.6 | 49.7 | 0.0 | 0.1% |
| 3.7% | 60.8 | 60.9 | 0.1 | 0.1% | 3.7% | 56.5 | 56.5 | 0.1 | 0.1% | 3.7% | 52.5 | 52.6 | 0.0 | 0.1% | 3.7% | 49.5 | 49.5 | 0.1 | 0.1% |
| 4.9% | 59.1 | 59.6 | 0.5 | 0.9% | 4.9% | 56.3 | 56.4 | 0.0 | 0.0% | 4.9% | 52.5 | 52.4 | -0.1 | -0.1% | 4.9% | 49.4 | 49.5 | 0.0 | 0.0% |
| 6.2% | 58.8 | 58.6 | -0.3 | -0.4% | 6.2% | 56.0 | 56.1 | 0.1 | 0.1% | 6.2% | 52.4 | 52.3 | -0.1 | -0.2% | 6.2% | 49.2 | 49.2 | 0.0 | 0.0% |
| 7.4% | 58.3 | 58.5 | 0.1 | 0.2% | 7.4% | 55.9 | 55.9 | 0.1 | 0.1% | 7.4% | 52.3 | 52.3 | 0.0 | -0.1% | 7.4% | 49.1 | 49.1 | 0.0 | 0.0% |
| 8.6% | 58.2 | 58.2 | 0.0 | -0.1% | 8.6% | 55.8 | 55.8 | -0.1 | -0.1% | 8.6% | 52.3 | 52.3 | 0.0 | 0.0% | 8.6% | 49.0 | 49.1 | 0.0 | 0.1% |
| 9.9% | 58.0 | 58.0 | 0.0 | 0.0% | 9.9% | 55.8 | 55.8 | -0.1 | -0.1% | 9.9% | 52.3 | 52.1 | -0.1 | -0.2% | 9.9% | 48.8 | 49.0 | 0.2 | 0.4% |
| 11.1% | 57.9 | 58.0 | 0.1 | 0.2% | 11.1% | 55.8 | 55.8 | -0.1 | -0.1% | 11.1% | 51.9 | 52.1 | 0.2 | 0.4% | 11.1% | 48.8 | 48.7 | 0.0 | -0.1% |
| 12.3% | 57.8 | 57.8 | 0.0 | 0.0% | 12.3% | 55.8 | 55.7 | -0.1 | -0.1% | 12.3% | 51.9 | 51.7 | -0.2 | -0.4% | 12.3% | 48.7 | 48.7 | -0.1 | -0.1% |
| 13.6% | 57.8 | 57.8 | 0.0 | 0.1% | 13.6% | 55.8 | 55.7 | -0.1 | -0.1% | 13.6% | 51.5 | 51.6 | 0.1 | 0.2% | 13.6% | 48.7 | 48.7 | -0.1 | -0.1% |
| 14.8% | 57.6 | 57.8 | 0.2 | 0.3% | 14.8% | 55.7 | 55.7 | 0.0 | 0.0% | 14.8% | 51.5 | 51.6 | 0.1 | 0.2% | 14.8% | 48.6 | 48.6 | -0.1 | -0.2% |
| 16.0% | 57.5 | 57.8 | 0.2 | 0.4% | 16.0% | 55.7 | 55.7 | 0.0 | 0.0% | 16.0% | 51.4 | 51.6 | 0.2 | 0.4% | 16.0% | 48.3 | 48.4 | 0.1 | 0.3% |
| 17.3% | 57.4 | 57.7 | 0.3 | 0.5% | 17.3% | 55.6 | 55.7 | 0.1 | 0.2% | 17.3% | 51.3 | 51.5 | 0.2 | 0.4% | 17.3% | 48.3 | 48.3 | 0.0 | 0.0% |
| 18.5% | 57.4 | 57.7 | 0.3 | 0.5% | 18.5% | 55.5 | 55.6 | 0.0 | 0.1% | 18.5% | 51.2 | 51.5 | 0.3 | 0.6% | 18.5% | 48.2 | 48.3 | 0.1 | 0.1% |
| 19.8% | 57.3 | 57.6 | 0.3 | 0.4% | 19.8% | 55.4 | 55.5 | 0.1 | 0.2% | 19.8% | 51.1 | 51.5 | 0.4 | 0.8% | 19.8% | 48.2 | 48.2 | 0.0 | 0.1% |
| 21.0% | 57.3 | 57.5 | 0.2 | 0.3% | 21.0% | 55.4 | 55.4 | 0.0 | 0.0% | 21.0% | 51.0 | 51.4 | 0.4 | 0.7% | 21.0% | 48.1 | 48.2 | 0.0 | 0.1% |
| 22.2% | 57.2 | 57.5 | 0.3 | 0.5% | 22.2% | 55.4 | 55.4 | 0.0 | 0.0% | 22.2% | 51.0 | 51.3 | 0.2 | 0.5% | 22.2% | 48.1 | 48.1 | 0.1 | 0.1% |
| 23.5% | 57.2 | 57.4 | 0.3 | 0.4% | 23.5% | 55.3 | 55.3 | 0.0 | 0.1% | 23.5% | 50.9 | 51.2 | 0.3 | 0.5% | 23.5% | 48.1 | 48.1 | 0.0 | 0.1% |
| 24.7% | 57.2 | 57.4 | 0.2 | 0.4% | 24.7% | 55.3 | 55.3 | 0.1 | 0.1% | 24.7% | 50.9 | 51.0 | 0.1 | 0.2% | 24.7% | 47.9 | 48.1 | 0.2 | 0.4% |
| 25.9% | 57.2 | 57.3 | 0.1 | 0.2% | 25.9% | 55.2 | 55.3 | 0.1 | 0.1% | 25.9% | 50.8 | 51.0 | 0.1 | 0.3% | 25.9% | 47.9 | 48.1 | 0.2 | 0.4% |
| 27.2% | 57.1 | 57.2 | 0.0 | 0.1% | 27.2% | 55.2 | 55.3 | 0.0 | 0.1% | 27.2% | 50.8 | 50.9 | 0.1 | 0.2% | 27.2% | 47.9 | 47.9 | 0.0 | 0.0% |
| 28.4% | 57.1 | 57.1 | -0.1 | -0.1% | 28.4% | 55.2 | 55.2 | 0.1 | 0.1% | 28.4% | 50.6 | 50.8 | 0.2 | 0.4% | 28.4% | 47.8 | 47.8 | 0.0 | 0.0% |
| 29.6% | 57.1 | 57.0 | -0.1 | -0.1% | 29.6% | 55.1 | 55.2 | 0.0 | 0.1% | 29.6% | 50.6 | 50.7 | 0.1 | 0.3% | 29.6% | 47.7 | 47.7 | 0.0 | 0.0% |
| 30.9% | 57.1 | 57.0 | -0.1 | -0.1% | 30.9% | 55.1 | 55.1 | 0.0 | 0.1% | 30.9% | 50.4 | 50.7 | 0.2 | 0.5% | 30.9% | 47.6 | 47.6 | 0.0 | 0.1% |
| 32.1% | 57.0 | 56.9 | -0.1 | -0.2% | 32.1% | 55.0 | 55.1 | 0.1 | 0.1% | 32.1% | 50.3 | 50.7 | 0.3 | 0.7% | 32.1% | 47.6 | 47.6 | 0.0 | -0.1% |
| 33.3% | 57.0 | 56.9 | -0.1 | -0.1% | 33.3% | 55.0 | 55.0 | 0.0 | 0.0% | 33.3% | 50.2 | 50.5 | 0.3 | 0.6% | 33.3% | 47.5 | 47.5 | 0.0 | 0.0% |
| 34.6% | 57.0 | 56.9 | -0.1 | -0.2% | 34.6% | 54.9 | 55.0 | 0.1 | 0.2% | 34.6% | 50.2 | 50.5 | 0.3 | 0.6% | 34.6% | 47.5 | 47.5 | 0.0 | 0.0% |
| 35.8% | 56.9 | 56.8 | -0.1 | -0.2% | 35.8% | 54.8 | 55.0 | 0.2 | 0.3% | 35.8% | 50.2 | 50.5 | 0.3 | 0.6% | 35.8% | 47.5 | 47.5 | 0.0 | 0.0% |
| 37.0% | 56.9 | 56.8 | -0.1 | -0.2% | 37.0% | 54.8 | 54.9 | 0.2 | 0.3% | 37.0% | 50.2 | 50.2 | 0.0 | 0.0% | 37.0% | 47.5 | 47.5 | 0.0 | 0.0% |
| 38.3% | 56.9 | 56.8 | -0.1 | -0.3% | 38.3% | 54.7 | 54.9 | 0.2 | 0.4% | 38.3% | 50.1 | 50.2 | 0.1 | 0.1% | 38.3% | 47.5 | 47.4 | -0.1 | -0.1% |
| 39.5% | 56.8 | 56.7 | -0.1 | -0.2% | 39.5% | 54.7 | 54.9 | 0.2 | 0.5% | 39.5% | 50.0 | 50.1 | 0.1 | 0.2% | 39.5% | 47.5 | 47.4 | -0.1 | -0.1% |
| 40.7% | 56.7 | 56.6 | -0.2 | -0.3% | 40.7% | 54.7 | 54.9 | 0.2 | 0.4% | 40.7% | 50.0 | 50.0 | 0.0 | 0.0% | 40.7% | 47.4 | 47.4 | -0.1 | -0.1% |
| 42.0% | 56.7 | 56.6 | -0.1 | -0.2% | 42.0% | 54.6 | 54.9 | 0.2 | 0.4% | 42.0% | 50.0 | 50.0 | 0.0 | 0.1% | 42.0% | 47.3 | 47.4 | 0.1 | 0.2% |
| 43.2% | 56.7 | 56.5 | -0.1 | -0.2% | 43.2% | 54.6 | 54.8 | 0.2 | 0.4% | 43.2% | 49.9 | 49.9 | 0.0 | 0.0% | 43.2% | 47.3 | 47.3 | 0.1 | 0.1% |
| 44.4% | 56.6 | 56.5 | -0.1 | -0.2% | 44.4% | 54.6 | 54.7 | 0.1 | 0.3% | 44.4% | 49.9 | 49.9 | 0.0 | 0.1% | 44.4% | 47.2 | 47.3 | 0.1 | 0.1% |
| 45.7% | 56.6 | 56.5 | -0.1 | -0.2% | 45.7% | 54.5 | 54.6 | 0.1 | 0.2% | 45.7% | 49.8 | 49.9 | 0.1 | 0.1% | 45.7% | 47.2 | 47.3 | 0.0 | 0.1% |
| 46.9% | 56.6 | 56.5 | -0.1 | -0.2% | 46.9% | 54.5 | 54.6 | 0.1 | 0.2% | 46.9% | 49.8 | 49.9 | 0.1 | 0.2% | 46.9% | 47.2 | 47.2 | 0.0 | 0.1% |
| 48.1% | 56.5 | 56.5 | 0.0 | -0.1% | 48.1% | 54.5 | 54.5 | 0.1 | 0.2% | 48.1% | 49.8 | 49.8 | 0.1 | 0.2% | 48.1% | 47.1 | 47.2 | 0.1 | 0.2% |
| 49.4% | 56.5 | 56.5 | 0.0 | -0.1% | 49.4% | 54.4 | 54.5 | 0.1 | 0.1% | 49.4% | 49.7 | 49.8 | 0.1 | 0.2% | 49.4% | 47.1 | 47.1 | 0.0 | -0.1% |
| 50.6% | 56.5 | 56.5 | 0.0 | -0.1% | 50.6% | 54.4 | 54.5 | 0.1 | 0.1% | 50.6% | 49.7 | 49.8 | 0.1 | 0.2% | 50.6% | 47.1 | 47.1 | 0.0 | -0.1% |
| 51.9% | 56.5 | 56.4 | -0.1 | -0.1% | 51.9% | 54.4 | 54.5 | 0.0 | 0.1% | 51.9% | 49.6 | 49.8 | 0.1 | 0.3% | 51.9% | 47.1 | 47.1 | 0.0 | 0.0% |
| 53.1% | 56.4 | 56.4 | -0.1 | -0.1% | 53.1% | 54.4 | 54.4 | 0.0 | 0.1% | 53.1% | 49.6 | 49.8 | 0.2 | 0.3% | 53.1% | 47.0 | 47.0 | 0.0 | 0.1% |
| 54.3% | 56.4 | 56.3 | -0.1 | -0.1% | 54.3% | 54.4 | 54.4 | 0.0 | 0.1% | 54.3% | 49.5 | 49.6 | 0.1 | 0.2% | 54.3% | 47.0 | 47.0 | 0.0 | 0.0% |
| 55.6% | 56.4 | 56.3 | -0.1 | -0.1% | 55.6% | 54.4 | 54.3 | -0.1 | -0.1% | 55.6% | 49.4 | 49.6 | 0.3 | 0.5% | 55.6% | 46.9 | 47.0 | 0.0 | 0.0% |
| 56.8% | 56.3 | 56.3 | 0.1 | 0.1% | 56.8% | 54.3 | 54.3 | 0.0 | 0.0% | 56.8% | 49.3 | 49.5 | 0.2 | 0.3% | 56.8% | 46.9 | 46.9 | 0.0 | 0.1% |
| 58.0% | 56.3 | 56.3 | 0.1 | 0.1% | 58.0% | 54.3 | 54.3 | 0.0 | 0.0% | 58.0% | 49.3 | 49.4 | 0.1 | 0.3% | 58.0% | 46.8 | 46.9 | 0.1 | 0.2% |
| 59.3% | 56.3 | 56.3 | 0.1 | 0.1% | 59.3% | 54.2 | 54.3 | 0.1 | 0.1% | 59.3% | 49.3 | 49.3 | 0.1 | 0.2% | 59.3% | 46.8 | 46.8 | 0.0 | 0.1% |
| 60.5% | 56.2 | 56.3 | 0.1 | 0.2% | 60.5% | 54.2 | 54.2 | 0.0 | 0.0% | 60.5% | 49.2 | 49.3 | 0.1 | 0.2% | 60.5% | 46.8 | 46.8 | 0.0 | 0.0% |
| 61.7% | 56.2 | 56.3 | 0.1 | 0.2% | 61.7% | 54.2 | 54.1 | 0.0 | 0.0% | 61.7% | 49.1 | 49.2 | 0.1 | 0.3% | 61.7% | 46.7 | 46.7 | 0.0 | 0.0% |
| 63.0% | 56.2 | 56.3 | 0.1 | 0.1% | 63.0% | 54.1 | 54.1 | 0.0 | -0.1% | 63.0% | 49.0 | 49.2 | 0.2 | 0.4% | 63.0% | 46.7 | 46.7 | -0.1 | -0.2% |
| 64.2% | 56.2 | 56.1 | 0.0 | -0.1% | 64.2% | 54.1 | 54.0 | 0.0 | -0.1% | 64.2% | 49.0 | 49.1 | 0.1 | 0.1% | 64.2% | 46.7 | 46.6 | -0.1 | -0.3% |
| 65.4% | 56.1 | 56.1 | 0.0 | 0.0% | 65.4% | 54.1 | 54.0 | 0.0 | 0.0% | 65.4% | 49.0 | 49.0 | 0.0 | 0.0% | 65.4% | 46.6 | 46.6 | 0.0 | -0.1% |
| 66.7% | 56.1 | 56.1 | 0.1 | 0.1% | 66.7% | 54.0 | 54.0 | 0.0 | 0.0% | 66.7% | 48.9 | 49.0 | 0.1 | 0.2% | 66.7% | 46.5 | 46.6 | 0.0 | 0.1% |
| 67.9% | 56.0 | 56.1 | 0.1 | 0.2% | 67.9% | 53.9 | 53.9 | 0.0 | 0.0% | 67.9% | 48.9 | 48.9 | 0.1 | 0.1% | 67.9% | 46.5 | 46.5 | -0.1 | -0.1% |
| 69.1% | 56.0 | 56.1 | 0.1 | 0.1% | 69.1% | 53.9 | 53.9 | -0.1 | -0.1% | 69.1% | 48.8 | 48.9 | 0.0 | 0.1% | 69.1% | 46.5 | 46.5 | -0.1 | -0.1% |
| 70.4% | 55.9 | 56.1 | 0.1 | 0.3% | 70.4% | 53.9 | 53.8 | -0.1 | -0.1% | 70.4% | 48.7 | 48.8 | 0.1 | 0.2% | 70.4% | 46.5 | 46.5 | -0.1 | -0.1% |
| 71.6% | 55.9 | 56.0 | 0.1 | 0.2% | 71.6% | 53.9 | 53.7 | -0.2 | -0.3% | 71.6% | 48.7 | 48.8 | 0.1 | 0.2% | 71.6% | 46.5 | 46.4 | -0.1 | -0.2% |
| 72.8% | 55.9 | 56.0 | 0.1 | 0.1% | 72.8% | 53.9 | 53.7 | -0.2 | -0.4% | 72.8% | 48.6 | 48.7 | 0.0 | 0.1% | 72.8% | 46.5 | 46.4 | -0.1 | -0.2% |
| 74.1% | 55.9 | 56.0 | 0.1 | 0.2% | 74.1% | 53.7 | 53.7 | 0.0 | 0.0% | 74.1% | 48.5 | 48.6 | 0.1 | 0.2% | 74.1% | 46.5 | 46.4 | -0.1 | -0.2% |
| 75.3% | 55.9 | 56.0 | 0.1 | 0.2% | 75.3% | 53.6 | 53.7 | 0.0 | 0.0% | 75.3% | 48.5 | 48.6 | 0.1 | 0.2% | 75.3% | 46.5 | 46.4 | -0.1 | -0.2% |
| 76.5% | 55.8 | 56.0 | 0.1 | 0.2% | 76.5% | 53.6 | 53.6 | 0.0 | 0.0% | 76.5% | 48.4 | 48.6 | 0.1 | 0.2% | 76.5% | 46.5 | 46.4 | -0.1 | -0.1% |
| 77.8% | 55.8 | 55.9 | 0.1 | 0.2% | 77.8% | 53.6 | 53.6 | 0.0 | 0.0% | 77.8% | 48.3 | 48.5 | 0.2 | 0.3% | 77.8% | 46.4 | 46.4 | 0.0 | 0.0% |
| 79.0% | 55.8 | 55.9 | 0.1 | 0.2% | 79.0% | 53.6 | 53.6 | 0.0 | 0.0% | 79.0% | 48.3 | 48.5 | 0.2 | 0.4% | 79.0% | 46.4 | 46.4 | 0.0 | 0.0% |
| 80.2% | 55.8 | 55.9 | 0.1 | 0.2% | 80.2% | 53.5 | 53.6 | 0.0 | 0.1% | 80.2% | 48.3 | 48.4 | 0.2 | 0.4% | 80.2% | 46.4 | 46.3 | -0.1 | -0.2% |
| 81.5% | 55.7 | 55.8 | 0.1 | 0.2% | 81.5% | 53.5 | 53.6 | 0.0 | 0.0% | 81.5% | 48.2 | 48.4 | 0.1 | 0.3% | 81.5% | 46.4 | 46.3 | -0.1 | -0.2% |
| 82.7% | 55.7 | 55.7 | 0.1 | 0.1% | 82.7% | 53.5 | 53.5 | 0.0 | 0.1% | 82.7% | 48.2 | 48.4 | 0.2 | 0.4% | 82.7% | 46.3 | 46.2 | -0.1 | -0.2% |
| 84.0% | 55.6 | 55.7 | 0.0 | 0.1% | 84.0% | 53.5 | 53.5 | 0.0 | 0.0% | 84.0% | 48.2 | 48.2 | 0.0 | 0.0% | 84.0% | 46.3 | 46.1 | -0.2 | -0.4% |
| 85.2% | 55.6 | 55.7 | 0.0 | 0.0% | 85.2% | 53.5 | 53.5 | 0.0 | 0.0% | 85.2% | 48.0 | 48.1 | 0.2 | 0.3% | 85.2% | 46.2 | 46.1 | -0.1 | -0.3% |
| 86.4% | 55.6 | 55.6 | 0.0 | 0.0% | 86.4% | 53.5 | 53.4 | 0.0 | 0.0% | 86.4% | 47.9 | 48.0 | 0.2 | 0.3% | 86.4% | 46.2 | 46.0 | -0.2 | -0.5% |
| 87.7% | 55.6 | 55.6 | 0.0 | 0.0% | 87.7% | 53.3 | 53.4 | 0.1 | 0.1% | 87.7% | 47.8 | 47.9 | 0.2 | 0.3% | 87.7% | 46.2 | 45.9 | -0.2 | -0.4% |
| 88.9% | 55.5 | 55.4 | -0.1 | -0.3% | 88.9% | 53.3 | 53.3 | 0.0 | 0.0% | 88.9% | 47.7 | 47.8 | 0.2 | 0.4% | 88.9% | 46.1 | 45.9 | -0.2 | -0.4% |
| 90.1% | 55.5 | 55.3 | -0.1 | -0.3% | 90.1% | 53.3 | 53.2 | -0.1 | -0.2% | 90.1% | 47.6 | 47.7 | 0.2 | 0.3% | 90.1% | 45.9 | 45.8 | -0.2 | -0.4% |
| 91.4% | 55.2 | 55.3 | 0.1 | 0.1% | 91.4% | 53.2 | 53.0 | -0.2 | -0.4% | 91.4% | 47.5 | 47.6 | 0.1 | 0.3% | 91.4% | 45.7 | 45.7 | 0.0 | 0.1% |
| 92.6% | 55.2 | 55.2 | 0.0 | -0.1% | 92.6% | 53.1 | 53.0 | -0.1 | -0.1% | 92.6% | 47.5 | 47.6 | 0.1 | 0.2% | 92.6% | 45.5 | 45.7 | 0.2 | 0.4% |
| 93.8% | 55.2 | 55.1 | -0.1 | -0.2% | 93.8% | 53.0 | 53.0 | 0.0 | 0.0% | 93.8% | 47.5 | 47.5 | 0.0 | 0.0% | 93.8% | 45.5 | 45.7 | 0.2 | 0.5% |
| 95.1% | 55.1 | 55.0 | 0.0 | -0.1% | 95.1% | 52.9 | 52.7 | -0.1 | -0.2% | 95.1% | 47.4 | 47.4 | 0.0 | 0.0% | 95.1% | 45.5 | 45.5 | 0.0 | 0.1% |
| 96.3% | 54.9 | 55.0 | 0.1 | 0.1% | 96.3% | 52.4 | 52.5 | 0.1 | 0.2% | 96.3% | 47.4 | 47.4 | 0.0 | 0.0% | 96.3% | 45.5 | 45.3 | -0.1 | -0.3% |
| 97.5% | 54.8 | 54.9 | 0.0 | 0.1% | 97.5% | 52.1 | 52.2 | 0.2 | 0.3% | 97.5% | 47.4 | 47.4 | 0.0 | 0.0% | 97.5% | 45.4 | 45.2 | -0.2 | -0.4% |
| 98.8% | 54.4 | 54.5 | 0.1 | 0.2% | 98.8% | 52.1 | 52.0 | 0.0 | -0.1% | 98.8% | 47.2 | 47.4 | 0.1 | 0.3% | 98.8% | 45.4 | 45.2 | -0.2 | -0.4% |
| 100.0% | 54.4 | 54.5 | 0.0 | 0.2% | 100.0% | 52.1 | 52.0 | 0.0 | -0.1% | 100.0% | 47.2 | 47.4 | 0.1 | 0.3% | 100.0% | 45.4 | 45.2 | -0.2 | -0.4% |

## Table SQ5-1b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 52.0 | 52.1 | 0.1 | 0.1% | 0.0% | 53.1 | 53.1 | 0.0 | 0.1% | 0.0% | 56.3 | 56.2 | 0.0 | 0.0% | 0.0% | 58.9 | 59.4 | 0.5 | 0.8% |
| 1.2% | 50.2 | 50.4 | 0.2 | 0.4% | 1.2% | 52.8 | 53.0 | 0.2 | 0.3% | 1.2% | 56.2 | 56.0 | -0.2 | -0.3% | 1.2% | 58.2 | 58.5 | 0.3 | 0.4% |
| 2.5% | 49.8 | 49.8 | 0.0 | -0.1% | 2.5% | 52.8 | 52.6 | -0.2 | -0.4% | 2.5% | 55.8 | 55.8 | 0.0 | 0.0% | 2.5% | 57.3 | 58.5 | 1.2 | 2.0% |
| 3.7% | 49.7 | 49.7 | -0.1 | -0.1% | 3.7% | 52.7 | 52.5 | -0.2 | -0.5% | 3.7% | 55.4 | 55.3 | -0.1 | -0.2% | 3.7% | 57.1 | 58.2 | 1.1 | 1.9% |
| 4.9% | 49.6 | 49.5 | -0.1 | -0.3% | 4.9% | 52.5 | 52.4 | -0.1 | -0.2% | 4.9% | 55.3 | 55.1 | -0.2 | -0.4% | 4.9% | 57.0 | 57.6 | 0.7 | 1.1% |
| 6.2% | 49.4 | 49.3 | 0.0 | 0.0% | 6.2% | 52.3 | 52.4 | 0.0 | 0.0% | 6.2% | 55.1 | 55.0 | -0.1 | -0.1% | 6.2% | 56.8 | 57.5 | 0.7 | 1.2% |
| 7.4% | 49.3 | 49.3 | 0.0 | 0.0% | 7.4% | 52.2 | 52.3 | 0.1 | 0.2% | 7.4% | 55.0 | 54.5 | -0.5 | -1.0% | 7.4% | 56.7 | 57.3 | 0.6 | 1.1% |
| 8.6% | 49.3 | 49.3 | 0.0 | 0.1% | 8.6% | 52.1 | 52.0 | 0.0 | -0.1% | 8.6% | 55.0 | 54.3 | -0.7 | -1.2% | 8.6% | 56.7 | 57.3 | 0.6 | 1.1% |
| 9.9% | 49.2 | 49.3 | 0.1 | 0.1% | 9.9% | 51.9 | 52.0 | 0.1 | 0.2% | 9.9% | 54.6 | 54.3 | -0.3 | -0.5% | 9.9% | 56.6 | 57.0 | 0.5 | 0.8% |
| 11.1% | 49.1 | 49.2 | 0.0 | 0.0% | 11.1% | 51.8 | 51.9 | 0.1 | 0.1% | 11.1% | 54.4 | 54.2 | -0.2 | -0.4% | 11.1% | 56.5 | 56.9 | 0.4 | 0.8% |
| 12.3% | 49.0 | 49.1 | 0.1 | 0.3% | 12.3% | 51.7 | 51.7 | 0.0 | 0.1% | 12.3% | 54.3 | 54.2 | -0.1 | -0.2% | 12.3% | 56.5 | 56.8 | 0.4 | 0.6% |
| 13.6% | 49.0 | 49.0 | 0.0 | 0.0% | 13.6% | 51.7 | 51.6 | 0.0 | 0.0% | 13.6% | 54.3 | 54.2 | -0.2 | -0.3% | 13.6% | 56.5 | 56.8 | 0.3 | 0.6% |
| 14.8% | 48.9 | 49.0 | 0.1 | 0.2% | 14.8% | 51.6 | 51.6 | 0.0 | 0.1% | 14.8% | 54.2 | 54.2 | 0.0 | -0.1% | 14.8% | 56.4 | 56.8 | 0.4 | 0.7% |
| 16.0% | 48.9 | 49.0 | 0.1 | 0.2% | 16.0% | 51.6 | 51.6 | 0.0 | 0.0% | 16.0% | 54.2 | 54.2 | 0.0 | 0.0% | 16.0% | 56.2 | 56.8 | 0.6 | 1.0% |
| 17.3% | 48.8 | 48.9 | 0.0 | 0.1% | 17.3% | 51.4 | 51.5 | 0.1 | 0.2% | 17.3% | 54.1 | 54.1 | 0.0 | 0.0% | 17.3% | 56.2 | 56.7 | 0.6 | 1.0% |
| 18.5% | 48.8 | 48.6 | -0.1 | -0.2% | 18.5% | 51.4 | 51.4 | 0.0 | -0.1% | 18.5% | 54.0 | 54.0 | 0.0 | 0.1% | 18.5% | 56.1 | 56.7 | 0.6 | 1.1% |
| 19.8% | 48.7 | 48.5 | -0.1 | -0.3% | 19.8% | 51.3 | 51.3 | 0.0 | -0.1% | 19.8% | 54.0 | 54.0 | 0.0 | 0.0% | 19.8% | 56.0 | 56.7 | 0.7 | 1.3% |
| 21.0% | 48.5 | 48.5 | -0.1 | -0.1% | 21.0% | 51.3 | 51.2 | -0.1 | -0.2% | 21.0% | 54.0 | 54.0 | 0.0 | 0.0% | 21.0% | 56.0 | 56.6 | 0.7 | 1.2% |
| 22.2% | 48.4 | 48.4 | 0.0 | -0.1% | 22.2% | 51.2 | 51.2 | 0.0 | 0.0% | 22.2% | 53.7 | 54.0 | 0.2 | 0.4% | 22.2% | 55.9 | 56.6 | 0.7 | 1.3% |
| 23.5% | 48.4 | 48.4 | 0.0 | 0.0% | 23.5% | 51.2 | 51.2 | 0.0 | 0.0% | 23.5% | 53.6 | 53.9 | 0.3 | 0.5% | 23.5% | 55.8 | 56.5 | 0.7 | 1.2% |
| 24.7% | 48.3 | 48.4 | 0.0 | 0.1% | 24.7% | 51.1 | 51.1 | 0.0 | -0.1% | 24.7% | 53.6 | 53.8 | 0.2 | 0.4% | 24.7% | 55.6 | 56.5 | 0.9 | 1.5% |
| 25.9% | 48.2 | 48.3 | 0.1 | 0.1% | 25.9% | 51.1 | 51.1 | 0.0 | 0.0% | 25.9% | 53.5 | 53.7 | 0.2 | 0.4% | 25.9% | 55.6 | 56.5 | 0.9 | 1.6% |
| 27.2% | 48.2 | 48.2 | 0.0 | 0.0% | 27.2% | 51.0 | 51.1 | 0.1 | 0.1% | 27.2% | 53.5 | 53.7 | 0.2 | 0.4% | 27.2% | 55.6 | 56.2 | 0.7 | 1.2% |
| 28.4% | 48.2 | 48.2 | 0.0 | 0.0% | 28.4% | 51.0 | 51.0 | 0.0 | 0.1% | 28.4% | 53.5 | 53.7 | 0.2 | 0.4% | 28.4% | 55.5 | 56.2 | 0.7 | 1.3% |
| 29.6% | 48.1 | 48.1 | 0.0 | 0.0% | 29.6% | 51.0 | 51.0 | 0.0 | 0.1% | 29.6% | 53.4 | 53.5 | 0.1 | 0.2% | 29.6% | 55.5 | 56.2 | 0.7 | 1.3% |
| 30.9% | 48.1 | 48.1 | 0.0 | 0.0% | 30.9% | 50.9 | 50.9 | 0.0 | 0.0% | 30.9% | 53.4 | 53.5 | 0.1 | 0.3% | 30.9% | 55.5 | 55.9 | 0.4 | 0.8% |
| 32.1% | 48.1 | 48.0 | -0.1 | -0.1% | 32.1% | 50.9 | 50.9 | 0.0 | 0.1% | 32.1% | 53.2 | 53.4 | 0.2 | 0.4% | 32.1% | 55.3 | 55.9 | 0.6 | 1.0% |
| 33.3% | 48.1 | 48.0 | -0.1 | -0.1% | 33.3% | 50.8 | 50.9 | 0.0 | 0.1% | 33.3% | 53.1 | 53.3 | 0.2 | 0.4% | 33.3% | 55.1 | 55.8 | 0.6 | 1.2% |
| 34.6% | 48.0 | 48.0 | 0.0 | -0.1% | 34.6% | 50.8 | 50.9 | 0.0 | 0.1% | 34.6% | 53.1 | 53.3 | 0.2 | 0.4% | 34.6% | 55.1 | 55.6 | 0.5 | 1.0% |
| 35.8% | 48.0 | 48.0 | 0.0 | -0.1% | 35.8% | 50.8 | 50.8 | 0.0 | 0.0% | 35.8% | 53.0 | 53.2 | 0.1 | 0.3% | 35.8% | 55.1 | 55.6 | 0.5 | 0.9% |
| 37.0% | 48.0 | 47.9 | 0.0 | -0.1% | 37.0% | 50.8 | 50.8 | 0.0 | 0.0% | 37.0% | 53.0 | 53.1 | 0.2 | 0.3% | 37.0% | 55.1 | 55.5 | 0.4 | 0.7% |
| 38.3% | 48.0 | 47.9 | -0.1 | -0.1% | 38.3% | 50.7 | 50.7 | 0.0 | 0.0% | 38.3% | 52.9 | 53.1 | 0.2 | 0.4% | 38.3% | 55.0 | 55.4 | 0.4 | 0.8% |
| 39.5% | 48.0 | 47.9 | -0.1 | -0.1% | 39.5% | 50.6 | 50.7 | 0.1 | 0.2% | 39.5% | 52.9 | 53.1 | 0.3 | 0.5% | 39.5% | 54.8 | 55.4 | 0.6 | 1.0% |
| 40.7% | 47.9 | 47.9 | 0.0 | -0.1% | 40.7% | 50.5 | 50.6 | 0.0 | 0.1% | 40.7% | 52.8 | 53.1 | 0.3 | 0.5% | 40.7% | 54.8 | 55.3 | 0.5 | 0.9% |
| 42.0% | 47.9 | 47.8 | 0.0 | -0.1% | 42.0% | 50.5 | 50.5 | 0.0 | 0.0% | 42.0% | 52.7 | 53.1 | 0.3 | 0.6% | 42.0% | 54.8 | 55.2 | 0.4 | 0.7% |
| 43.2% | 47.9 | 47.8 | 0.0 | -0.1% | 43.2% | 50.4 | 50.4 | 0.0 | -0.1% | 43.2% | 52.7 | 52.9 | 0.2 | 0.3% | 43.2% | 54.7 | 55.1 | 0.4 | 0.7% |
| 44.4% | 47.9 | 47.8 | -0.1 | -0.1% | 44.4% | 50.2 | 50.2 | 0.0 | 0.0% | 44.4% | 52.7 | 52.8 | 0.1 | 0.2% | 44.4% | 54.7 | 55.1 | 0.4 | 0.7% |
| 45.7% | 47.8 | 47.7 | -0.1 | -0.2% | 45.7% | 50.1 | 50.1 | 0.0 | -0.1% | 45.7% | 52.7 | 52.8 | 0.1 | 0.2% | 45.7% | 54.7 | 55.0 | 0.3 | 0.6% |
| 46.9% | 47.6 | 47.7 | 0.1 | 0.2% | 46.9% | 50.1 | 50.0 | 0.0 | 0.0% | 46.9% | 52.7 | 52.8 | 0.1 | 0.3% | 46.9% | 54.7 | 55.0 | 0.3 | 0.6% |
| 48.1% | 47.6 | 47.6 | 0.0 | 0.0% | 48.1% | 50.0 | 49.9 | -0.1 | -0.2% | 48.1% | 52.6 | 52.7 | 0.1 | 0.2% | 48.1% | 54.6 | 54.9 | 0.4 | 0.6% |
| 49.4% | 47.5 | 47.4 | 0.0 | 0.0% | 49.4% | 49.8 | 49.8 | 0.0 | 0.0% | 49.4% | 52.5 | 52.7 | 0.2 | 0.5% | 49.4% | 54.6 | 54.9 | 0.4 | 0.7% |
| 50.6% | 47.4 | 47.4 | 0.0 | 0.0% | 50.6% | 49.8 | 49.8 | 0.0 | 0.0% | 50.6% | 52.5 | 52.7 | 0.3 | 0.5% | 50.6% | 54.5 | 54.9 | 0.4 | 0.7% |
| 51.9% | 47.4 | 47.4 | 0.0 | -0.1% | 51.9% | 49.7 | 49.7 | 0.0 | 0.0% | 51.9% | 52.4 | 52.7 | 0.3 | 0.6% | 51.9% | 54.5 | 54.9 | 0.4 | 0.7% |
| 53.1% | 47.4 | 47.3 | -0.1 | -0.2% | 53.1% | 49.7 | 49.6 | 0.0 | -0.1% | 53.1% | 52.4 | 52.7 | 0.3 | 0.6% | 53.1% | 54.4 | 54.9 | 0.5 | 0.9% |
| 54.3% | 47.3 | 47.3 | 0.0 | 0.0% | 54.3% | 49.6 | 49.6 | 0.0 | 0.0% | 54.3% | 52.3 | 52.6 | 0.3 | 0.5% | 54.3% | 54.3 | 54.9 | 0.5 | 0.9% |
| 55.6% | 47.3 | 47.3 | 0.0 | 0.1% | 55.6% | 49.6 | 49.6 | 0.0 | 0.0% | 55.6% | 52.3 | 52.5 | 0.2 | 0.5% | 55.6% | 54.3 | 54.8 | 0.5 | 1.0% |
| 56.8% | 47.2 | 47.3 | 0.1 | 0.1% | 56.8% | 49.5 | 49.4 | -0.1 | -0.3% | 56.8% | 52.3 | 52.5 | 0.2 | 0.5% | 56.8% | 54.3 | 54.8 | 0.5 | 0.9% |
| 58.0% | 47.2 | 47.2 | 0.0 | 0.0% | 58.0% | 49.5 | 49.4 | -0.1 | -0.2% | 58.0% | 52.3 | 52.4 | 0.2 | 0.3% | 58.0% | 54.3 | 54.8 | 0.5 | 0.9% |
| 59.3% | 47.2 | 47.2 | 0.0 | 0.0% | 59.3% | 49.4 | 49.3 | -0.1 | -0.2% | 59.3% | 52.2 | 52.4 | 0.1 | 0.3% | 59.3% | 54.3 | 54.8 | 0.5 | 0.9% |
| 60.5% | 47.2 | 47.2 | 0.0 | 0.0% | 60.5% | 49.4 | 49.3 | -0.1 | -0.2% | 60.5% | 52.2 | 52.4 | 0.2 | 0.3% | 60.5% | 54.3 | 54.7 | 0.5 | 0.9% |
| 61.7% | 47.1 | 47.1 | 0.0 | 0.1% | 61.7% | 49.4 | 49.2 | -0.2 | -0.3% | 61.7% | 52.2 | 52.3 | 0.2 | 0.3% | 61.7% | 54.2 | 54.7 | 0.5 | 0.9% |
| 63.0% | 47.0 | 47.1 | 0.1 | 0.2% | 63.0% | 49.3 | 49.2 | -0.1 | -0.1% | 63.0% | 52.2 | 52.3 | 0.1 | 0.3% | 63.0% | 54.2 | 54.7 | 0.5 | 0.9% |
| 64.2% | 46.9 | 47.0 | 0.1 | 0.1% | 64.2% | 49.2 | 49.1 | -0.1 | -0.2% | 64.2% | 52.1 | 52.3 | 0.2 | 0.3% | 64.2% | 54.2 | 54.7 | 0.5 | 0.9% |
| 65.4% | 46.9 | 46.9 | -0.1 | -0.2% | 65.4% | 49.2 | 49.0 | -0.2 | -0.4% | 65.4% | 52.1 | 52.3 | 0.2 | 0.3% | 65.4% | 54.1 | 54.6 | 0.5 | 0.9% |
| 66.7% | 46.9 | 46.8 | -0.1 | -0.2% | 66.7% | 49.1 | 49.0 | -0.1 | -0.2% | 66.7% | 52.1 | 52.2 | 0.1 | 0.3% | 66.7% | 54.1 | 54.6 | 0.4 | 0.8% |
| 67.9% | 46.9 | 46.8 | -0.1 | -0.2% | 67.9% | 49.0 | 48.9 | -0.1 | -0.2% | 67.9% | 52.0 | 52.2 | 0.2 | 0.4% | 67.9% | 54.1 | 54.5 | 0.4 | 0.8% |
| 69.1% | 46.8 | 46.7 | -0.2 | -0.3% | 69.1% | 48.9 | 48.7 | -0.2 | -0.4% | 69.1% | 52.0 | 52.2 | 0.2 | 0.4% | 69.1% | 54.1 | 54.5 | 0.4 | 0.8% |
| 70.4% | 46.7 | 46.6 | -0.1 | -0.2% | 70.4% | 48.7 | 48.7 | 0.0 | -0.1% | 70.4% | 51.9 | 52.1 | 0.2 | 0.4% | 70.4% | 54.1 | 54.5 | 0.4 | 0.8% |
| 71.6% | 46.7 | 46.6 | 0.0 | -0.1% | 71.6% | 48.6 | 48.6 | 0.0 | -0.1% | 71.6% | 51.9 | 52.1 | 0.1 | 0.3% | 71.6% | 54.0 | 54.5 | 0.4 | 0.8% |
| 72.8% | 46.6 | 46.5 | -0.1 | -0.2% | 72.8% | 48.6 | 48.6 | 0.0 | -0.1% | 72.8% | 51.8 | 51.9 | 0.1 | 0.3% | 72.8% | 54.0 | 54.5 | 0.4 | 0.8% |
| 74.1% | 46.5 | 46.3 | -0.2 | -0.4% | 74.1% | 48.6 | 48.5 | 0.0 | -0.1% | 74.1% | 51.7 | 51.8 | 0.1 | 0.3% | 74.1% | 54.0 | 54.4 | 0.5 | 0.9% |
| 75.3% | 46.5 | 46.3 | -0.2 | -0.4% | 75.3% | 48.6 | 48.5 | -0.1 | -0.2% | 75.3% | 51.6 | 51.7 | 0.1 | 0.1% | 75.3% | 53.9 | 54.4 | 0.5 | 1.0% |
| 76.5% | 46.4 | 46.3 | -0.2 | -0.4% | 76.5% | 48.5 | 48.2 | -0.3 | -0.5% | 76.5% | 51.6 | 51.7 | 0.1 | 0.1% | 76.5% | 53.9 | 54.3 | 0.4 | 0.8% |
| 77.8% | 46.4 | 46.2 | -0.1 | -0.3% | 77.8% | 48.3 | 48.2 | -0.1 | -0.1% | 77.8% | 51.5 | 51.6 | 0.1 | 0.1% | 77.8% | 53.8 | 54.2 | 0.4 | 0.7% |
| 79.0% | 46.3 | 46.2 | -0.1 | -0.2% | 79.0% | 48.2 | 48.2 | 0.0 | 0.0% | 79.0% | 51.4 | 51.6 | 0.2 | 0.4% | 79.0% | 53.8 | 54.2 | 0.4 | 0.8% |
| 80.2% | 46.3 | 46.2 | -0.1 | -0.2% | 80.2% | 48.2 | 48.2 | 0.0 | -0.1% | 80.2% | 51.2 | 51.6 | 0.4 | 0.7% | 80.2% | 53.8 | 54.2 | 0.4 | 0.7% |
| 81.5% | 46.3 | 46.2 | -0.1 | -0.2% | 81.5% | 48.1 | 48.1 | 0.0 | 0.0% | 81.5% | 51.1 | 51.5 | 0.4 | 0.7% | 81.5% | 53.8 | 54.1 | 0.3 | 0.5% |
| 82.7% | 46.2 | 46.1 | -0.1 | -0.1% | 82.7% | 47.9 | 47.8 | -0.1 | -0.2% | 82.7% | 51.1 | 51.5 | 0.4 | 0.8% | 82.7% | 53.8 | 54.0 | 0.3 | 0.5% |
| 84.0% | 46.2 | 46.0 | -0.1 | -0.3% | 84.0% | 47.8 | 47.8 | 0.0 | -0.1% | 84.0% | 51.0 | 51.2 | 0.2 | 0.5% | 84.0% | 53.7 | 54.0 | 0.3 | 0.5% |
| 85.2% | 46.1 | 46.0 | -0.1 | -0.3% | 85.2% | 47.7 | 47.7 | 0.0 | 0.0% | 85.2% | 50.9 | 51.1 | 0.1 | 0.2% | 85.2% | 53.7 | 54.0 | 0.3 | 0.5% |
| 86.4% | 46.1 | 46.0 | -0.1 | -0.2% | 86.4% | 47.6 | 47.7 | 0.0 | 0.1% | 86.4% | 50.9 | 51.0 | 0.1 | 0.2% | 86.4% | 53.7 | 53.9 | 0.2 | 0.4% |
| 87.7% | 46.0 | 46.0 | -0.1 | -0.2% | 87.7% | 47.6 | 47.7 | 0.0 | 0.1% | 87.7% | 50.7 | 50.8 | 0.1 | 0.3% | 87.7% | 53.6 | 53.9 | 0.2 | 0.4% |
| 88.9% | 46.0 | 45.9 | -0.1 | -0.2% | 88.9% | 47.6 | 47.6 | 0.0 | 0.0% | 88.9% | 50.6 | 50.6 | 0.0 | 0.0% | 88.9% | 53.6 | 53.8 | 0.2 | 0.3% |
| 90.1% | 46.0 | 45.9 | -0.1 | -0.2% | 90.1% | 47.5 | 47.6 | 0.1 | 0.2% | 90.1% | 50.5 | 50.6 | 0.1 | 0.2% | 90.1% | 53.5 | 53.8 | 0.3 | 0.5% |
| 91.4% | 45.9 | 45.8 | 0.0 | -0.1% | 91.4% | 47.5 | 47.6 | 0.1 | 0.2% | 91.4% | 50.5 | 50.6 | 0.0 | 0.0% | 91.4% | 53.5 | 53.5 | 0.0 | 0.1% |
| 92.6% | 45.8 | 45.7 | -0.2 | -0.4% | 92.6% | 47.3 | 47.3 | 0.0 | -0.1% | 92.6% | 50.4 | 50.6 | 0.1 | 0.2% | 92.6% | 53.2 | 53.5 | 0.3 | 0.6% |
| 93.8% | 45.8 | 45.6 | -0.2 | -0.5% | 93.8% | 47.3 | 47.3 | 0.0 | -0.1% | 93.8% | 50.4 | 50.4 | 0.0 | -0.1% | 93.8% | 53.0 | 53.4 | 0.4 | 0.7% |
| 95.1% | 45.7 | 45.6 | -0.2 | -0.3% | 95.1% | 47.3 | 47.3 | 0.0 | 0.0% | 95.1% | 50.3 | 50.3 | 0.0 | 0.0% | 95.1% | 52.8 | 53.1 | 0.3 | 0.6% |
| 96.3% | 45.5 | 45.3 | -0.1 | -0.3% | 96.3% | 47.3 | 47.3 | 0.0 | 0.0% | 96.3% | 50.1 | 49.9 | -0.2 | -0.4% | 96.3% | 52.7 | 52.8 | 0.0 | 0.1% |
| 97.5% | 45.4 | 45.2 | -0.1 | -0.3% | 97.5% | 46.8 | 46.8 | 0.0 | 0.0% | 97.5% | 49.9 | 49.8 | -0.1 | -0.1% | 97.5% | 52.7 | 52.6 | -0.1 | -0.1% |
| 98.8% | 44.4 | 44.6 | 0.2 | 0.4% | 98.8% | 46.7 | 46.7 | 0.1 | 0.1% | 98.8% | 49.3 | 49.3 | 0.0 | 0.0% | 98.8% | 52.0 | 52.5 | 0.5 | 1.0% |
| 100.0% | 44.4 | 44.6 | 0.2 | 0.4% | 100.0% | 46.7 | 46.7 | 0.1 | 0.1% | 100.0% | 49.3 | 49.3 | 0.0 | 0.0% | 100.0% | 52.0 | 52.5 | 0.5 | 1.0% |

## Table SQ5-1b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 58.5 | 58.3 | -0.1 | -0.2% | 0.0% | 59.7 | 58.7 | -1.0 | -1.7% | 0.0% | 67.1 | 62.5 | -4.6 | -6.8% | 0.0% | 66.9 | 67.3 | 0.4 | 0.7% |
| 1.2% | 58.2 | 57.9 | -0.3 | -0.5% | 1.2% | 58.6 | 58.6 | 0.0 | 0.0% | 1.2% | 60.2 | 58.9 | -1.3 | -2.1% | 1.2% | 65.3 | 61.6 | -3.7 | -5.7% |
| 2.5% | 57.8 | 57.9 | 0.1 | 0.2% | 2.5% | 58.5 | 58.5 | 0.0 | -0.1% | 2.5% | 60.0 | 58.8 | -1.2 | -1.9% | 2.5% | 64.3 | 61.4 | -2.9 | -4.4% |
| 3.7% | 57.5 | 57.4 | 0.0 | -0.1% | 3.7% | 58.5 | 58.3 | -0.1 | -0.2% | 3.7% | 59.9 | 58.5 | -1.5 | -2.4% | 3.7% | 61.5 | 59.6 | -1.9 | -3.0% |
| 4.9% | 57.4 | 57.3 | -0.2 | -0.3% | 4.9% | 58.4 | 58.1 | -0.3 | -0.6% | 4.9% | 59.8 | 58.4 | -1.4 | -2.4% | 4.9% | 60.6 | 59.4 | -1.2 | -1.9% |
| 6.2% | 57.4 | 57.1 | -0.3 | -0.5% | 6.2% | 58.4 | 58.1 | -0.3 | -0.5% | 6.2% | 59.3 | 58.4 | -1.0 | -1.6% | 6.2% | 60.4 | 59.4 | -1.0 | -1.7% |
| 7.4% | 57.4 | 56.9 | -0.5 | -0.9% | 7.4% | 58.1 | 58.1 | 0.0 | 0.1% | 7.4% | 59.1 | 58.3 | -0.7 | -1.3% | 7.4% | 60.3 | 59.2 | -1.1 | -1.8% |
| 8.6% | 57.4 | 56.7 | -0.7 | -1.1% | 8.6% | 58.0 | 58.0 | 0.1 | 0.1% | 8.6% | 58.8 | 58.3 | -0.5 | -0.8% | 8.6% | 59.6 | 59.0 | -0.6 | -1.0% |
| 9.9% | 57.0 | 56.7 | -0.2 | -0.4% | 9.9% | 57.9 | 57.9 | 0.0 | 0.0% | 9.9% | 58.8 | 58.3 | -0.5 | -0.9% | 9.9% | 59.5 | 58.9 | -0.6 | -1.1% |
| 11.1% | 56.9 | 56.6 | -0.3 | -0.6% | 11.1% | 57.7 | 57.8 | 0.2 | 0.3% | 11.1% | 58.8 | 58.2 | -0.6 | -1.0% | 11.1% | 59.5 | 58.7 | -0.8 | -1.4% |
| 12.3% | 56.8 | 56.5 | -0.2 | -0.4% | 12.3% | 57.6 | 57.8 | 0.2 | 0.3% | 12.3% | 58.6 | 58.1 | -0.5 | -0.9% | 12.3% | 59.5 | 58.5 | -1.0 | -1.6% |
| 13.6% | 56.7 | 56.4 | -0.3 | -0.5% | 13.6% | 57.6 | 57.5 | -0.1 | -0.2% | 13.6% | 58.5 | 58.1 | -0.4 | -0.6% | 13.6% | 59.4 | 58.5 | -1.0 | -1.6% |
| 14.8% | 56.6 | 56.4 | -0.2 | -0.4% | 14.8% | 57.5 | 57.5 | -0.1 | -0.1% | 14.8% | 58.4 | 58.1 | -0.4 | -0.6% | 14.8% | 59.4 | 58.4 | -0.9 | -1.6% |
| 16.0% | 56.4 | 56.3 | -0.1 | -0.1% | 16.0% | 57.5 | 57.4 | -0.1 | -0.1% | 16.0% | 58.3 | 58.0 | -0.3 | -0.4% | 16.0% | 59.4 | 58.2 | -1.1 | -1.9% |
| 17.3% | 56.4 | 56.3 | -0.1 | -0.1% | 17.3% | 57.4 | 57.4 | 0.0 | -0.1% | 17.3% | 58.3 | 57.9 | -0.3 | -0.5% | 17.3% | 59.2 | 58.1 | -1.1 | -1.8% |
| 18.5% | 56.1 | 56.3 | 0.2 | 0.4% | 18.5% | 57.4 | 57.4 | -0.1 | -0.1% | 18.5% | 58.2 | 57.9 | -0.3 | -0.5% | 18.5% | 59.0 | 58.0 | -1.0 | -1.6% |
| 19.8% | 56.1 | 56.3 | 0.2 | 0.4% | 19.8% | 57.1 | 57.3 | 0.2 | 0.3% | 19.8% | 58.2 | 57.9 | -0.3 | -0.5% | 19.8% | 58.7 | 58.0 | -0.7 | -1.2% |
| 21.0% | 56.1 | 56.3 | 0.2 | 0.4% | 21.0% | 57.0 | 57.2 | 0.2 | 0.4% | 21.0% | 58.2 | 57.9 | -0.3 | -0.5% | 21.0% | 58.6 | 57.9 | -0.7 | -1.1% |
| 22.2% | 56.0 | 56.2 | 0.3 | 0.5% | 22.2% | 56.9 | 57.2 | 0.2 | 0.4% | 22.2% | 58.2 | 57.9 | -0.3 | -0.5% | 22.2% | 58.5 | 57.9 | -0.6 | -1.1% |
| 23.5% | 56.0 | 56.1 | 0.2 | 0.3% | 23.5% | 56.9 | 57.1 | 0.2 | 0.4% | 23.5% | 58.1 | 57.8 | -0.3 | -0.5% | 23.5% | 58.4 | 57.9 | -0.6 | -0.9% |
| 24.7% | 55.9 | 56.1 | 0.2 | 0.3% | 24.7% | 56.9 | 57.1 | 0.2 | 0.4% | 24.7% | 58.1 | 57.7 | -0.4 | -0.6% | 24.7% | 58.4 | 57.9 | -0.5 | -0.9% |
| 25.9% | 55.9 | 56.1 | 0.2 | 0.3% | 25.9% | 56.8 | 57.1 | 0.3 | 0.5% | 25.9% | 58.1 | 57.7 | -0.3 | -0.6% | 25.9% | 58.2 | 57.8 | -0.4 | -0.6% |
| 27.2% | 55.8 | 56.0 | 0.2 | 0.4% | 27.2% | 56.8 | 57.0 | 0.2 | 0.4% | 27.2% | 58.1 | 57.7 | -0.3 | -0.6% | 27.2% | 58.1 | 57.8 | -0.4 | -0.6% |
| 28.4% | 55.8 | 56.0 | 0.2 | 0.3% | 28.4% | 56.7 | 57.0 | 0.3 | 0.5% | 28.4% | 58.0 | 57.7 | -0.4 | -0.6% | 28.4% | 58.1 | 57.7 | -0.4 | -0.7% |
| 29.6% | 55.7 | 56.0 | 0.2 | 0.4% | 29.6% | 56.6 | 57.0 | 0.4 | 0.6% | 29.6% | 58.0 | 57.7 | -0.3 | -0.5% | 29.6% | 58.1 | 57.7 | -0.4 | -0.6% |
| 30.9% | 55.6 | 55.9 | 0.3 | 0.5% | 30.9% | 56.6 | 56.8 | 0.2 | 0.4% | 30.9% | 57.8 | 57.6 | -0.2 | -0.3% | 30.9% | 58.0 | 57.7 | -0.3 | -0.5% |
| 32.1% | 55.6 | 55.8 | 0.3 | 0.5% | 32.1% | 56.5 | 56.8 | 0.3 | 0.5% | 32.1% | 57.7 | 57.6 | -0.1 | -0.2% | 32.1% | 57.8 | 57.6 | -0.2 | -0.4% |
| 33.3% | 55.4 | 55.8 | 0.4 | 0.7% | 33.3% | 56.4 | 56.8 | 0.3 | 0.6% | 33.3% | 57.7 | 57.5 | -0.2 | -0.3% | 33.3% | 57.8 | 57.6 | -0.2 | -0.3% |
| 34.6% | 55.4 | 55.8 | 0.4 | 0.7% | 34.6% | 56.4 | 56.7 | 0.3 | 0.6% | 34.6% | 57.6 | 57.5 | -0.2 | -0.3% | 34.6% | 57.6 | 57.6 | -0.1 | -0.1% |
| 35.8% | 55.4 | 55.7 | 0.3 | 0.6% | 35.8% | 56.4 | 56.7 | 0.2 | 0.4% | 35.8% | 57.6 | 57.5 | -0.2 | -0.3% | 35.8% | 57.4 | 57.6 | 0.1 | 0.2% |
| 37.0% | 55.4 | 55.7 | 0.3 | 0.6% | 37.0% | 56.4 | 56.6 | 0.2 | 0.4% | 37.0% | 57.6 | 57.4 | -0.2 | -0.3% | 37.0% | 57.4 | 57.5 | 0.0 | 0.1% |
| 38.3% | 55.3 | 55.7 | 0.3 | 0.6% | 38.3% | 56.3 | 56.5 | 0.2 | 0.3% | 38.3% | 57.5 | 57.4 | -0.1 | -0.2% | 38.3% | 57.2 | 57.4 | 0.2 | 0.4% |
| 39.5% | 55.2 | 55.6 | 0.4 | 0.8% | 39.5% | 56.2 | 56.4 | 0.2 | 0.3% | 39.5% | 57.4 | 57.4 | -0.1 | -0.1% | 39.5% | 57.2 | 57.2 | 0.0 | -0.1% |
| 40.7% | 55.1 | 55.6 | 0.5 | 0.9% | 40.7% | 56.1 | 56.3 | 0.2 | 0.4% | 40.7% | 57.4 | 57.4 | 0.0 | 0.0% | 40.7% | 57.2 | 57.0 | -0.1 | -0.2% |
| 42.0% | 55.1 | 55.6 | 0.5 | 0.9% | 42.0% | 56.0 | 56.3 | 0.2 | 0.4% | 42.0% | 57.4 | 57.3 | -0.1 | -0.1% | 42.0% | 56.9 | 57.0 | 0.1 | 0.2% |
| 43.2% | 55.0 | 55.5 | 0.5 | 1.0% | 43.2% | 56.0 | 56.3 | 0.3 | 0.6% | 43.2% | 57.4 | 57.3 | -0.1 | -0.2% | 43.2% | 56.7 | 56.7 | 0.0 | -0.1% |
| 44.4% | 55.0 | 55.5 | 0.6 | 1.1% | 44.4% | 55.9 | 56.2 | 0.3 | 0.5% | 44.4% | 57.3 | 57.3 | 0.0 | 0.0% | 44.4% | 56.7 | 56.6 | 0.0 | -0.1% |
| 45.7% | 55.0 | 55.5 | 0.5 | 1.0% | 45.7% | 55.8 | 56.2 | 0.4 | 0.7% | 45.7% | 57.2 | 57.2 | 0.0 | 0.1% | 45.7% | 56.6 | 56.6 | 0.0 | 0.0% |
| 46.9% | 54.9 | 55.4 | 0.5 | 0.9% | 46.9% | 55.8 | 56.1 | 0.3 | 0.5% | 46.9% | 57.1 | 57.2 | 0.0 | 0.0% | 46.9% | 56.4 | 56.6 | 0.2 | 0.3% |
| 48.1% | 54.9 | 55.4 | 0.5 | 0.8% | 48.1% | 55.7 | 56.0 | 0.3 | 0.6% | 48.1% | 57.1 | 57.1 | 0.0 | -0.1% | 48.1% | 56.4 | 56.5 | 0.2 | 0.3% |
| 49.4% | 54.9 | 55.3 | 0.5 | 0.8% | 49.4% | 55.7 | 56.0 | 0.3 | 0.5% | 49.4% | 57.1 | 57.0 | -0.1 | -0.2% | 49.4% | 56.2 | 56.4 | 0.2 | 0.3% |
| 50.6% | 54.9 | 55.3 | 0.5 | 0.8% | 50.6% | 55.7 | 56.0 | 0.3 | 0.5% | 50.6% | 57.1 | 57.0 | 0.0 | -0.1% | 50.6% | 56.1 | 56.4 | 0.3 | 0.6% |
| 51.9% | 54.8 | 55.3 | 0.5 | 0.9% | 51.9% | 55.7 | 56.0 | 0.3 | 0.5% | 51.9% | 57.0 | 57.0 | 0.0 | 0.0% | 51.9% | 56.0 | 56.3 | 0.3 | 0.5% |
| 53.1% | 54.8 | 55.2 | 0.5 | 0.8% | 53.1% | 55.7 | 55.9 | 0.3 | 0.5% | 53.1% | 57.0 | 57.0 | 0.0 | 0.0% | 53.1% | 55.9 | 56.3 | 0.4 | 0.7% |
| 54.3% | 54.8 | 55.2 | 0.5 | 0.8% | 54.3% | 55.7 | 55.9 | 0.3 | 0.5% | 54.3% | 57.0 | 57.0 | 0.0 | -0.1% | 54.3% | 55.9 | 56.2 | 0.3 | 0.6% |
| 55.6% | 54.8 | 55.2 | 0.4 | 0.8% | 55.6% | 55.5 | 55.9 | 0.4 | 0.6% | 55.6% | 57.0 | 56.9 | -0.1 | -0.1% | 55.6% | 55.9 | 56.1 | 0.2 | 0.4% |
| 56.8% | 54.8 | 55.2 | 0.4 | 0.7% | 56.8% | 55.5 | 55.8 | 0.3 | 0.5% | 56.8% | 56.9 | 56.9 | 0.0 | -0.1% | 56.8% | 55.6 | 56.0 | 0.5 | 0.9% |
| 58.0% | 54.7 | 55.1 | 0.4 | 0.7% | 58.0% | 55.5 | 55.8 | 0.3 | 0.5% | 58.0% | 56.9 | 56.8 | -0.1 | -0.1% | 58.0% | 55.5 | 56.0 | 0.4 | 0.8% |
| 59.3% | 54.7 | 55.1 | 0.4 | 0.7% | 59.3% | 55.5 | 55.8 | 0.3 | 0.5% | 59.3% | 56.8 | 56.8 | 0.0 | 0.0% | 59.3% | 55.5 | 55.9 | 0.4 | 0.7% |
| 60.5% | 54.7 | 55.0 | 0.4 | 0.7% | 60.5% | 55.3 | 55.7 | 0.4 | 0.7% | 60.5% | 56.8 | 56.7 | -0.1 | -0.1% | 60.5% | 55.2 | 55.8 | 0.5 | 1.0% |
| 61.7% | 54.7 | 55.0 | 0.4 | 0.7% | 61.7% | 55.3 | 55.6 | 0.4 | 0.6% | 61.7% | 56.8 | 56.7 | -0.1 | -0.2% | 61.7% | 55.2 | 55.7 | 0.5 | 1.0% |
| 63.0% | 54.6 | 55.0 | 0.3 | 0.6% | 63.0% | 55.3 | 55.6 | 0.3 | 0.5% | 63.0% | 56.8 | 56.6 | -0.1 | -0.2% | 63.0% | 55.1 | 55.7 | 0.6 | 1.1% |
| 64.2% | 54.6 | 55.0 | 0.4 | 0.7% | 64.2% | 55.3 | 55.5 | 0.3 | 0.5% | 64.2% | 56.7 | 56.6 | -0.1 | -0.1% | 64.2% | 55.1 | 55.7 | 0.6 | 1.0% |
| 65.4% | 54.5 | 55.0 | 0.4 | 0.8% | 65.4% | 55.2 | 55.5 | 0.3 | 0.5% | 65.4% | 56.7 | 56.6 | -0.1 | -0.2% | 65.4% | 55.1 | 55.7 | 0.6 | 1.0% |
| 66.7% | 54.3 | 54.9 | 0.6 | 1.1% | 66.7% | 55.2 | 55.5 | 0.3 | 0.5% | 66.7% | 56.7 | 56.6 | -0.1 | -0.1% | 66.7% | 55.0 | 55.6 | 0.6 | 1.0% |
| 67.9% | 54.3 | 54.8 | 0.6 | 1.1% | 67.9% | 55.2 | 55.4 | 0.3 | 0.5% | 67.9% | 56.6 | 56.5 | -0.2 | -0.3% | 67.9% | 55.0 | 55.6 | 0.5 | 1.0% |
| 69.1% | 54.2 | 54.8 | 0.6 | 1.1% | 69.1% | 55.1 | 55.4 | 0.3 | 0.5% | 69.1% | 56.6 | 56.5 | -0.2 | -0.3% | 69.1% | 54.9 | 55.5 | 0.7 | 1.2% |
| 70.4% | 54.2 | 54.8 | 0.6 | 1.1% | 70.4% | 55.1 | 55.3 | 0.2 | 0.4% | 70.4% | 56.5 | 56.4 | -0.1 | -0.2% | 70.4% | 54.8 | 55.4 | 0.6 | 1.1% |
| 71.6% | 54.1 | 54.8 | 0.6 | 1.2% | 71.6% | 55.0 | 55.2 | 0.2 | 0.4% | 71.6% | 56.5 | 56.4 | -0.1 | -0.1% | 71.6% | 54.7 | 55.4 | 0.6 | 1.1% |
| 72.8% | 54.1 | 54.7 | 0.6 | 1.2% | 72.8% | 55.0 | 55.2 | 0.3 | 0.5% | 72.8% | 56.5 | 56.4 | -0.1 | -0.1% | 72.8% | 54.7 | 55.3 | 0.6 | 1.2% |
| 74.1% | 54.1 | 54.7 | 0.6 | 1.1% | 74.1% | 54.9 | 55.1 | 0.2 | 0.3% | 74.1% | 56.4 | 56.4 | 0.0 | 0.0% | 74.1% | 54.7 | 55.1 | 0.4 | 0.7% |
| 75.3% | 54.1 | 54.7 | 0.6 | 1.1% | 75.3% | 54.9 | 55.1 | 0.1 | 0.2% | 75.3% | 56.3 | 56.3 | 0.0 | 0.0% | 75.3% | 54.5 | 55.0 | 0.5 | 0.9% |
| 76.5% | 54.0 | 54.6 | 0.6 | 1.1% | 76.5% | 54.8 | 55.0 | 0.2 | 0.4% | 76.5% | 56.3 | 56.1 | -0.2 | -0.3% | 76.5% | 54.4 | 54.8 | 0.4 | 0.7% |
| 77.8% | 53.9 | 54.5 | 0.6 | 1.1% | 77.8% | 54.8 | 55.0 | 0.3 | 0.5% | 77.8% | 56.3 | 56.1 | -0.2 | -0.4% | 77.8% | 54.3 | 54.5 | 0.2 | 0.3% |
| 79.0% | 53.9 | 54.5 | 0.6 | 1.1% | 79.0% | 54.7 | 55.0 | 0.3 | 0.5% | 79.0% | 56.3 | 56.0 | -0.3 | -0.6% | 79.0% | 54.3 | 54.5 | 0.1 | 0.3% |
| 80.2% | 53.8 | 54.4 | 0.6 | 1.2% | 80.2% | 54.7 | 54.9 | 0.2 | 0.4% | 80.2% | 56.3 | 55.9 | -0.4 | -0.7% | 80.2% | 54.3 | 54.5 | 0.1 | 0.2% |
| 81.5% | 53.8 | 54.4 | 0.6 | 1.2% | 81.5% | 54.6 | 54.9 | 0.2 | 0.4% | 81.5% | 56.2 | 55.9 | -0.3 | -0.6% | 81.5% | 54.3 | 54.4 | 0.1 | 0.2% |
| 82.7% | 53.7 | 54.4 | 0.7 | 1.3% | 82.7% | 54.6 | 54.8 | 0.2 | 0.4% | 82.7% | 56.2 | 55.8 | -0.4 | -0.7% | 82.7% | 53.8 | 54.4 | 0.6 | 1.1% |
| 84.0% | 53.7 | 54.4 | 0.7 | 1.3% | 84.0% | 54.6 | 54.8 | 0.3 | 0.5% | 84.0% | 56.2 | 55.6 | -0.5 | -1.0% | 84.0% | 53.8 | 54.3 | 0.6 | 1.1% |
| 85.2% | 53.7 | 54.4 | 0.6 | 1.2% | 85.2% | 54.6 | 54.8 | 0.2 | 0.5% | 85.2% | 56.1 | 55.6 | -0.5 | -0.9% | 85.2% | 53.6 | 54.3 | 0.7 | 1.4% |
| 86.4% | 53.7 | 54.3 | 0.7 | 1.3% | 86.4% | 54.5 | 54.8 | 0.3 | 0.5% | 86.4% | 56.1 | 55.6 | -0.5 | -0.9% | 86.4% | 53.5 | 54.2 | 0.7 | 1.3% |
| 87.7% | 53.6 | 54.3 | 0.7 | 1.3% | 87.7% | 54.5 | 54.7 | 0.2 | 0.4% | 87.7% | 56.0 | 55.6 | -0.5 | -0.8% | 87.7% | 53.5 | 53.9 | 0.4 | 0.7% |
| 88.9% | 53.6 | 54.3 | 0.7 | 1.3% | 88.9% | 54.3 | 54.6 | 0.3 | 0.6% | 88.9% | 55.9 | 55.5 | -0.4 | -0.7% | 88.9% | 53.5 | 53.7 | 0.3 | 0.5% |
| 90.1% | 53.6 | 54.2 | 0.6 | 1.1% | 90.1% | 54.3 | 54.6 | 0.3 | 0.5% | 90.1% | 55.9 | 55.5 | -0.4 | -0.7% | 90.1% | 53.4 | 53.6 | 0.2 | 0.4% |
| 91.4% | 53.5 | 54.0 | 0.5 | 1.0% | 91.4% | 54.2 | 54.4 | 0.2 | 0.3% | 91.4% | 55.7 | 55.5 | -0.2 | -0.4% | 91.4% | 53.4 | 53.6 | 0.2 | 0.4% |
| 92.6% | 53.3 | 54.0 | 0.7 | 1.2% | 92.6% | 54.2 | 54.3 | 0.2 | 0.3% | 92.6% | 55.6 | 55.4 | -0.2 | -0.4% | 92.6% | 53.3 | 53.0 | -0.2 | -0.4% |
| 93.8% | 53.3 | 54.0 | 0.7 | 1.3% | 93.8% | 54.2 | 54.3 | 0.1 | 0.3% | 93.8% | 55.5 | 55.3 | -0.2 | -0.4% | 93.8% | 52.9 | 52.8 | -0.1 | -0.2% |
| 95.1% | 53.3 | 54.0 | 0.7 | 1.4% | 95.1% | 54.0 | 54.2 | 0.2 | 0.3% | 95.1% | 54.7 | 55.3 | 0.6 | 1.1% | 95.1% | 52.8 | 52.8 | 0.0 | 0.0% |
| 96.3% | 53.2 | 53.7 | 0.5 | 1.0% | 96.3% | 54.0 | 54.1 | 0.1 | 0.2% | 96.3% | 54.7 | 55.0 | 0.4 | 0.7% | 96.3% | 52.4 | 52.6 | 0.2 | 0.4% |
| 97.5% | 53.2 | 53.7 | 0.6 | 1.0% | 97.5% | 53.9 | 54.0 | 0.2 | 0.3% | 97.5% | 54.3 | 54.9 | 0.7 | 1.2% | 97.5% | 52.1 | 52.4 | 0.3 | 0.5% |
| 98.8% | 53.1 | 53.6 | 0.5 | 1.0% | 98.8% | 53.8 | 54.0 | 0.1 | 0.2% | 98.8% | 54.2 | 54.9 | 0.7 | 1.2% | 98.8% | 52.1 | 52.2 | 0.1 | 0.3% |
| 100.0% | 53.1 | 53.6 | 0.5 | 1.0% | 100.0% | 53.8 | 54.0 | 0.1 | 0.2% | 100.0% | 54.2 | 54.9 | 0.7 | 1.2% | 100.0% | 52.1 | 52.2 | 0.1 | 0.3% |

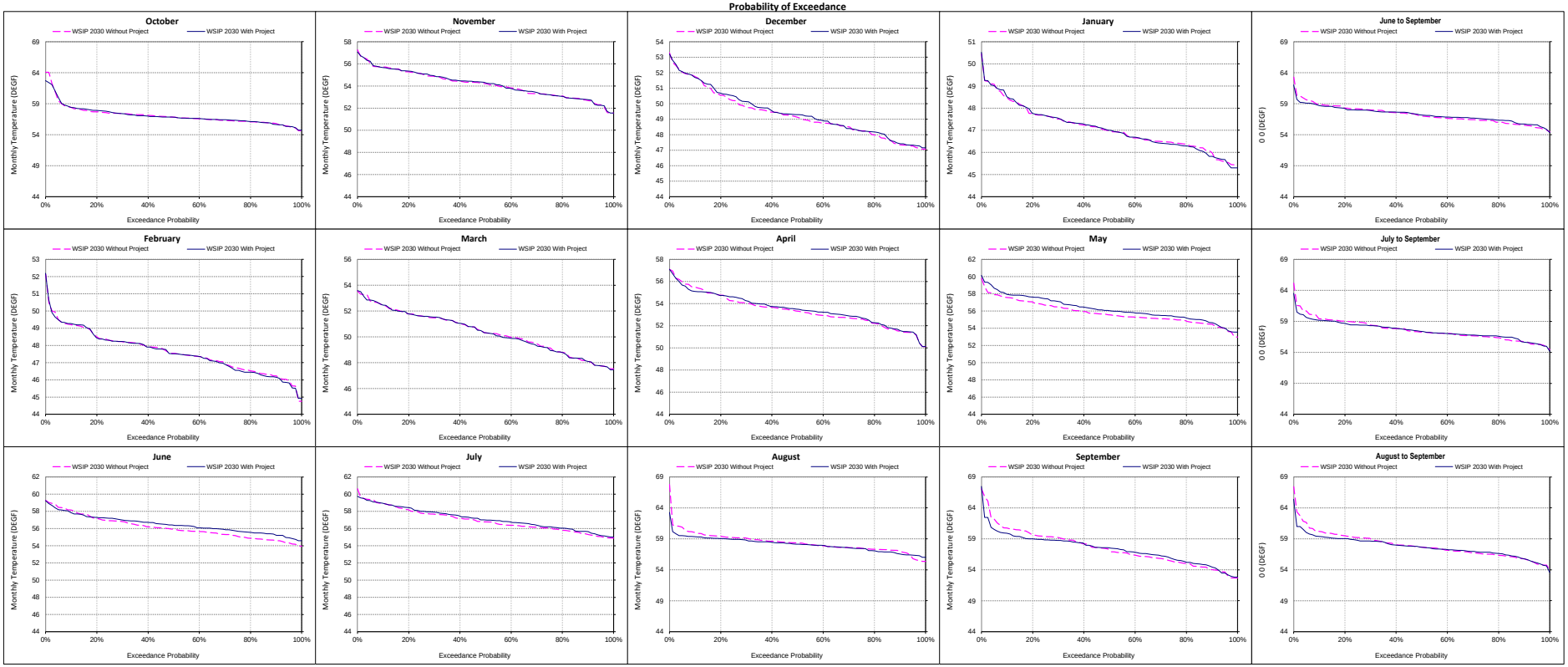
## Table SQ5-1b

**Sacramento River at Jellys Ferry, Monthly Temperature**

**Probability of Exceedance**

| June to September | | | | | July to September | | | | | August to September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 62.6 | 61.3 | -1.3 | -2.1% | 0.0% | 64.6 | 62.9 | -1.7 | -2.7% | 0.0% | 67.0 | 64.9 | -2.1 | -3.1% |
| 1.2% | 59.4 | 58.7 | -0.7 | -1.3% | 1.2% | 60.8 | 59.5 | -1.3 | -2.1% | 1.2% | 62.7 | 60.0 | -2.7 | -4.3% |
| 2.5% | 59.4 | 58.3 | -1.1 | -1.9% | 2.5% | 60.6 | 59.1 | -1.5 | -2.4% | 2.5% | 61.8 | 60.0 | -1.9 | -3.0% |
| 3.7% | 59.0 | 58.2 | -0.8 | -1.4% | 3.7% | 59.7 | 58.8 | -0.9 | -1.5% | 3.7% | 60.9 | 59.2 | -1.7 | -2.7% |
| 4.9% | 58.5 | 58.2 | -0.3 | -0.6% | 4.9% | 59.4 | 58.7 | -0.7 | -1.1% | 4.9% | 60.2 | 59.1 | -1.1 | -1.8% |
| 6.2% | 58.4 | 58.1 | -0.3 | -0.5% | 6.2% | 59.1 | 58.5 | -0.7 | -1.1% | 6.2% | 59.7 | 58.8 | -0.9 | -1.5% |
| 7.4% | 58.3 | 57.9 | -0.4 | -0.6% | 7.4% | 58.9 | 58.3 | -0.6 | -1.1% | 7.4% | 59.7 | 58.8 | -0.9 | -1.5% |
| 8.6% | 58.0 | 57.8 | -0.1 | -0.3% | 8.6% | 58.9 | 58.3 | -0.6 | -1.1% | 8.6% | 59.1 | 58.5 | -0.6 | -1.1% |
| 9.9% | 57.9 | 57.8 | -0.1 | -0.2% | 9.9% | 58.4 | 58.3 | -0.2 | -0.3% | 9.9% | 58.9 | 58.4 | -0.5 | -0.8% |
| 11.1% | 57.9 | 57.7 | -0.2 | -0.4% | 11.1% | 58.4 | 58.3 | -0.1 | -0.2% | 11.1% | 58.9 | 58.4 | -0.5 | -0.9% |
| 12.3% | 57.8 | 57.6 | -0.1 | -0.2% | 12.3% | 58.3 | 58.2 | -0.1 | -0.2% | 12.3% | 58.9 | 58.3 | -0.6 | -1.0% |
| 13.6% | 57.8 | 57.6 | -0.1 | -0.2% | 13.6% | 58.2 | 58.1 | -0.1 | -0.2% | 13.6% | 58.8 | 58.2 | -0.6 | -1.0% |
| 14.8% | 57.7 | 57.6 | -0.1 | -0.3% | 14.8% | 58.2 | 58.1 | -0.1 | -0.2% | 14.8% | 58.8 | 58.1 | -0.7 | -1.2% |
| 16.0% | 57.6 | 57.3 | -0.3 | -0.6% | 16.0% | 58.1 | 58.0 | -0.1 | -0.3% | 16.0% | 58.7 | 58.0 | -0.7 | -1.2% |
| 17.3% | 57.5 | 57.3 | -0.2 | -0.4% | 17.3% | 58.1 | 57.7 | -0.3 | -0.6% | 17.3% | 58.5 | 58.0 | -0.5 | -0.9% |
| 18.5% | 57.5 | 57.3 | -0.2 | -0.3% | 18.5% | 58.0 | 57.7 | -0.3 | -0.6% | 18.5% | 58.4 | 58.0 | -0.4 | -0.8% |
| 19.8% | 57.4 | 57.3 | -0.2 | -0.3% | 19.8% | 58.0 | 57.6 | -0.4 | -0.7% | 19.8% | 58.4 | 57.9 | -0.5 | -0.9% |
| 21.0% | 57.3 | 57.1 | -0.3 | -0.5% | 21.0% | 57.9 | 57.5 | -0.5 | -0.8% | 21.0% | 58.4 | 57.9 | -0.6 | -1.0% |
| 22.2% | 57.2 | 57.1 | -0.2 | -0.3% | 22.2% | 57.9 | 57.5 | -0.4 | -0.7% | 22.2% | 58.4 | 57.8 | -0.5 | -0.9% |
| 23.5% | 57.2 | 57.0 | -0.1 | -0.2% | 23.5% | 57.8 | 57.4 | -0.3 | -0.6% | 23.5% | 58.2 | 57.7 | -0.5 | -0.8% |
| 24.7% | 57.1 | 57.0 | -0.1 | -0.2% | 24.7% | 57.8 | 57.4 | -0.3 | -0.6% | 24.7% | 58.1 | 57.7 | -0.4 | -0.7% |
| 25.9% | 57.1 | 57.0 | -0.1 | -0.2% | 25.9% | 57.7 | 57.4 | -0.3 | -0.6% | 25.9% | 58.1 | 57.7 | -0.4 | -0.7% |
| 27.2% | 57.1 | 57.0 | -0.1 | -0.2% | 27.2% | 57.6 | 57.4 | -0.2 | -0.4% | 27.2% | 58.1 | 57.6 | -0.4 | -0.7% |
| 28.4% | 57.1 | 56.9 | -0.1 | -0.2% | 28.4% | 57.6 | 57.3 | -0.2 | -0.4% | 28.4% | 58.1 | 57.6 | -0.4 | -0.7% |
| 29.6% | 57.0 | 56.9 | -0.1 | -0.2% | 29.6% | 57.5 | 57.2 | -0.2 | -0.4% | 29.6% | 57.9 | 57.6 | -0.3 | -0.5% |
| 30.9% | 57.0 | 56.8 | -0.2 | -0.3% | 30.9% | 57.3 | 57.1 | -0.2 | -0.4% | 30.9% | 57.7 | 57.6 | -0.1 | -0.2% |
| 32.1% | 57.0 | 56.7 | -0.2 | -0.4% | 32.1% | 57.3 | 57.1 | -0.2 | -0.4% | 32.1% | 57.6 | 57.6 | 0.0 | -0.1% |
| 33.3% | 56.9 | 56.7 | -0.2 | -0.4% | 33.3% | 57.3 | 57.1 | -0.2 | -0.4% | 33.3% | 57.6 | 57.5 | -0.1 | -0.1% |
| 34.6% | 56.8 | 56.7 | -0.1 | -0.1% | 34.6% | 57.0 | 57.1 | 0.1 | 0.2% | 34.6% | 57.3 | 57.5 | 0.2 | 0.3% |
| 35.8% | 56.6 | 56.6 | 0.0 | 0.0% | 35.8% | 56.9 | 57.0 | 0.1 | 0.2% | 35.8% | 57.3 | 57.2 | -0.1 | -0.2% |
| 37.0% | 56.5 | 56.6 | 0.1 | 0.1% | 37.0% | 56.9 | 57.0 | 0.1 | 0.2% | 37.0% | 57.3 | 57.2 | -0.1 | -0.2% |
| 38.3% | 56.5 | 56.6 | 0.1 | 0.2% | 38.3% | 56.8 | 56.9 | 0.1 | 0.2% | 38.3% | 57.1 | 57.1 | 0.1 | 0.1% |
| 39.5% | 56.4 | 56.5 | 0.1 | 0.1% | 39.5% | 56.7 | 56.9 | 0.2 | 0.3% | 39.5% | 57.0 | 57.0 | 0.0 | 0.0% |
| 40.7% | 56.4 | 56.5 | 0.1 | 0.2% | 40.7% | 56.7 | 56.8 | 0.1 | 0.2% | 40.7% | 57.0 | 57.0 | 0.0 | 0.0% |
| 42.0% | 56.4 | 56.5 | 0.1 | 0.2% | 42.0% | 56.5 | 56.7 | 0.2 | 0.3% | 42.0% | 56.9 | 56.9 | 0.0 | -0.1% |
| 43.2% | 56.3 | 56.5 | 0.1 | 0.2% | 43.2% | 56.5 | 56.7 | 0.2 | 0.4% | 43.2% | 56.9 | 56.9 | 0.0 | 0.0% |
| 44.4% | 56.3 | 56.4 | 0.0 | 0.1% | 44.4% | 56.5 | 56.6 | 0.1 | 0.2% | 44.4% | 56.8 | 56.9 | 0.1 | 0.2% |
| 45.7% | 56.3 | 56.3 | 0.0 | 0.1% | 45.7% | 56.4 | 56.6 | 0.2 | 0.3% | 45.7% | 56.7 | 56.8 | 0.1 | 0.2% |
| 46.9% | 56.2 | 56.3 | 0.1 | 0.2% | 46.9% | 56.3 | 56.5 | 0.3 | 0.5% | 46.9% | 56.7 | 56.7 | 0.1 | 0.1% |
| 48.1% | 56.0 | 56.2 | 0.2 | 0.3% | 48.1% | 56.2 | 56.5 | 0.3 | 0.5% | 48.1% | 56.7 | 56.6 | 0.0 | -0.1% |
| 49.4% | 55.9 | 56.2 | 0.3 | 0.6% | 49.4% | 56.2 | 56.3 | 0.2 | 0.3% | 49.4% | 56.6 | 56.6 | 0.0 | -0.1% |
| 50.6% | 55.8 | 56.2 | 0.3 | 0.6% | 50.6% | 56.2 | 56.2 | 0.0 | 0.0% | 50.6% | 56.6 | 56.6 | 0.0 | 0.0% |
| 51.9% | 55.8 | 56.2 | 0.3 | 0.6% | 51.9% | 56.1 | 56.2 | 0.0 | 0.1% | 51.9% | 56.6 | 56.5 | -0.1 | -0.1% |
| 53.1% | 55.7 | 56.1 | 0.4 | 0.7% | 53.1% | 56.1 | 56.1 | 0.0 | 0.0% | 53.1% | 56.6 | 56.4 | -0.2 | -0.3% |
| 54.3% | 55.7 | 56.1 | 0.4 | 0.7% | 54.3% | 56.1 | 56.1 | 0.0 | 0.0% | 54.3% | 56.4 | 56.4 | -0.1 | -0.1% |
| 55.6% | 55.7 | 56.0 | 0.4 | 0.7% | 55.6% | 55.9 | 56.1 | 0.2 | 0.3% | 55.6% | 56.4 | 56.3 | -0.2 | -0.3% |
| 56.8% | 55.6 | 56.0 | 0.4 | 0.7% | 56.8% | 55.9 | 56.1 | 0.2 | 0.3% | 56.8% | 56.3 | 56.2 | 0.0 | -0.1% |
| 58.0% | 55.6 | 55.9 | 0.3 | 0.6% | 58.0% | 55.9 | 56.1 | 0.2 | 0.3% | 58.0% | 56.2 | 56.2 | 0.0 | 0.0% |
| 59.3% | 55.6 | 55.9 | 0.3 | 0.5% | 59.3% | 55.9 | 56.1 | 0.2 | 0.3% | 59.3% | 56.2 | 56.2 | 0.0 | 0.0% |
| 60.5% | 55.6 | 55.8 | 0.2 | 0.3% | 60.5% | 55.9 | 56.0 | 0.2 | 0.3% | 60.5% | 56.2 | 56.2 | 0.0 | 0.0% |
| 61.7% | 55.6 | 55.7 | 0.2 | 0.3% | 61.7% | 55.8 | 56.0 | 0.1 | 0.2% | 61.7% | 56.1 | 56.1 | 0.0 | 0.1% |
| 63.0% | 55.6 | 55.7 | 0.1 | 0.2% | 63.0% | 55.8 | 55.9 | 0.1 | 0.2% | 63.0% | 56.1 | 56.1 | 0.0 | 0.1% |
| 64.2% | 55.5 | 55.7 | 0.1 | 0.2% | 64.2% | 55.8 | 55.9 | 0.1 | 0.3% | 64.2% | 56.0 | 56.1 | 0.1 | 0.2% |
| 65.4% | 55.5 | 55.6 | 0.1 | 0.3% | 65.4% | 55.8 | 55.9 | 0.1 | 0.2% | 65.4% | 55.9 | 56.1 | 0.1 | 0.2% |
| 66.7% | 55.5 | 55.6 | 0.2 | 0.3% | 66.7% | 55.7 | 55.8 | 0.1 | 0.2% | 66.7% | 55.9 | 56.0 | 0.1 | 0.2% |
| 67.9% | 55.4 | 55.6 | 0.1 | 0.3% | 67.9% | 55.7 | 55.8 | 0.1 | 0.1% | 67.9% | 55.8 | 55.9 | 0.1 | 0.1% |
| 69.1% | 55.3 | 55.6 | 0.2 | 0.4% | 69.1% | 55.7 | 55.8 | 0.1 | 0.2% | 69.1% | 55.8 | 55.9 | 0.1 | 0.2% |
| 70.4% | 55.3 | 55.5 | 0.2 | 0.3% | 70.4% | 55.7 | 55.7 | 0.0 | 0.1% | 70.4% | 55.7 | 55.9 | 0.1 | 0.3% |
| 71.6% | 55.3 | 55.5 | 0.2 | 0.3% | 71.6% | 55.6 | 55.7 | 0.1 | 0.2% | 71.6% | 55.6 | 55.8 | 0.3 | 0.5% |
| 72.8% | 55.3 | 55.5 | 0.2 | 0.3% | 72.8% | 55.5 | 55.7 | 0.1 | 0.2% | 72.8% | 55.5 | 55.8 | 0.3 | 0.5% |
| 74.1% | 55.3 | 55.5 | 0.2 | 0.3% | 74.1% | 55.5 | 55.6 | 0.1 | 0.1% | 74.1% | 55.5 | 55.8 | 0.3 | 0.5% |
| 75.3% | 55.2 | 55.4 | 0.2 | 0.4% | 75.3% | 55.5 | 55.6 | 0.1 | 0.2% | 75.3% | 55.5 | 55.8 | 0.3 | 0.5% |
| 76.5% | 55.2 | 55.4 | 0.2 | 0.4% | 76.5% | 55.5 | 55.5 | 0.1 | 0.1% | 76.5% | 55.5 | 55.8 | 0.3 | 0.5% |
| 77.8% | 55.1 | 55.4 | 0.3 | 0.5% | 77.8% | 55.4 | 55.5 | 0.1 | 0.2% | 77.8% | 55.5 | 55.7 | 0.3 | 0.5% |
| 79.0% | 55.1 | 55.3 | 0.2 | 0.4% | 79.0% | 55.4 | 55.5 | 0.1 | 0.2% | 79.0% | 55.4 | 55.7 | 0.3 | 0.5% |
| 80.2% | 55.1 | 55.3 | 0.2 | 0.4% | 80.2% | 55.3 | 55.5 | 0.2 | 0.4% | 80.2% | 55.4 | 55.7 | 0.3 | 0.6% |
| 81.5% | 55.0 | 55.3 | 0.3 | 0.5% | 81.5% | 55.2 | 55.5 | 0.3 | 0.5% | 81.5% | 55.3 | 55.6 | 0.3 | 0.5% |
| 82.7% | 54.9 | 55.3 | 0.3 | 0.6% | 82.7% | 55.1 | 55.5 | 0.4 | 0.8% | 82.7% | 55.3 | 55.6 | 0.3 | 0.6% |
| 84.0% | 54.8 | 55.2 | 0.5 | 0.9% | 84.0% | 55.0 | 55.4 | 0.4 | 0.8% | 84.0% | 55.2 | 55.6 | 0.3 | 0.6% |
| 85.2% | 54.7 | 55.0 | 0.3 | 0.5% | 85.2% | 54.9 | 55.3 | 0.5 | 0.9% | 85.2% | 55.1 | 55.3 | 0.3 | 0.5% |
| 86.4% | 54.7 | 55.0 | 0.3 | 0.5% | 86.4% | 54.8 | 55.2 | 0.4 | 0.8% | 86.4% | 55.0 | 55.0 | 0.0 | -0.1% |
| 87.7% | 54.7 | 54.9 | 0.2 | 0.4% | 87.7% | 54.7 | 55.1 | 0.3 | 0.6% | 87.7% | 55.0 | 55.0 | 0.0 | 0.0% |
| 88.9% | 54.6 | 54.9 | 0.3 | 0.5% | 88.9% | 54.7 | 54.8 | 0.1 | 0.1% | 88.9% | 54.9 | 54.9 | 0.0 | 0.0% |
| 90.1% | 54.6 | 54.9 | 0.3 | 0.5% | 90.1% | 54.7 | 54.7 | 0.0 | -0.1% | 90.1% | 54.7 | 54.8 | 0.1 | 0.2% |
| 91.4% | 54.5 | 54.8 | 0.3 | 0.5% | 91.4% | 54.5 | 54.6 | 0.1 | 0.2% | 91.4% | 54.5 | 54.6 | 0.1 | 0.2% |
| 92.6% | 54.4 | 54.7 | 0.3 | 0.5% | 92.6% | 54.5 | 54.6 | 0.1 | 0.1% | 92.6% | 54.5 | 54.6 | 0.1 | 0.2% |
| 93.8% | 54.3 | 54.5 | 0.2 | 0.4% | 93.8% | 54.5 | 54.6 | 0.1 | 0.1% | 93.8% | 54.4 | 54.3 | -0.1 | -0.3% |
| 95.1% | 54.2 | 54.5 | 0.3 | 0.5% | 95.1% | 54.5 | 54.4 | 0.0 | 0.0% | 95.1% | 54.2 | 54.2 | 0.0 | 0.1% |
| 96.3% | 54.1 | 54.2 | 0.2 | 0.3% | 96.3% | 54.3 | 54.3 | 0.0 | -0.1% | 96.3% | 54.0 | 54.0 | 0.0 | 0.0% |
| 97.5% | 53.9 | 54.1 | 0.2 | 0.3% | 97.5% | 54.1 | 54.1 | 0.0 | 0.0% | 97.5% | 54.0 | 53.9 | -0.1 | -0.2% |
| 98.8% | 53.9 | 54.0 | 0.2 | 0.3% | 98.8% | 54.0 | 54.0 | 0.0 | 0.0% | 98.8% | 53.7 | 53.9 | 0.1 | 0.2% |
| 100.0% | 53.5 | 53.3 | -0.2 | -0.3% | 100.0% | 53.5 | 53.2 | -0.3 | -0.5% | 100.0% | 53.1 | 52.7 | -0.4 | -0.8% |

**Figure SQ6-1b**
**Sacramento River at Bend Bridge, Monthly Temperature**
**Probability of Exceedance**



## Table SQ6-1b

**Sacramento River at Bend Bridge, Monthly Temperature**

**Probability of Exceedance**

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 64.1 | 62.7 | -1.4 | -2.1% | 0.0% | 57.3 | 57.1 | -0.2 | -0.3% | 0.0% | 53.3 | 53.2 | -0.1 | -0.2% | 0.0% | 50.4 | 50.5 | 0.1 | 0.2% |
| 1.2% | 64.1 | 62.4 | -1.7 | -2.6% | 1.2% | 56.7 | 56.7 | 0.0 | 0.1% | 1.2% | 52.7 | 52.8 | 0.1 | 0.3% | 1.2% | 49.2 | 49.3 | 0.0 | 0.0% |
| 2.5% | 62.2 | 62.1 | -0.2 | -0.2% | 2.5% | 56.6 | 56.6 | 0.0 | 0.0% | 2.5% | 52.5 | 52.5 | 0.1 | 0.1% | 2.5% | 49.2 | 49.2 | 0.0 | 0.1% |
| 3.7% | 60.9 | 61.0 | 0.1 | 0.2% | 3.7% | 56.4 | 56.3 | -0.1 | -0.2% | 3.7% | 52.2 | 52.2 | -0.1 | -0.2% | 3.7% | 49.1 | 49.0 | -0.1 | -0.1% |
| 4.9% | 59.5 | 60.0 | 0.5 | 0.9% | 4.9% | 56.1 | 56.3 | 0.2 | 0.3% | 4.9% | 52.0 | 52.1 | 0.0 | 0.1% | 4.9% | 49.1 | 49.0 | -0.1 | -0.1% |
| 6.2% | 59.0 | 59.1 | 0.0 | 0.0% | 6.2% | 55.8 | 55.8 | 0.1 | 0.1% | 6.2% | 51.9 | 52.0 | 0.0 | 0.0% | 6.2% | 48.8 | 48.9 | 0.1 | 0.1% |
| 7.4% | 58.7 | 58.8 | 0.1 | 0.2% | 7.4% | 55.7 | 55.8 | 0.0 | 0.1% | 7.4% | 51.9 | 51.9 | 0.0 | 0.1% | 7.4% | 48.8 | 48.8 | 0.1 | 0.2% |
| 8.6% | 58.5 | 58.6 | 0.1 | 0.1% | 8.6% | 55.7 | 55.7 | 0.0 | -0.1% | 8.6% | 51.9 | 51.9 | 0.0 | 0.0% | 8.6% | 48.6 | 48.8 | 0.3 | 0.5% |
| 9.9% | 58.4 | 58.4 | 0.0 | -0.1% | 9.9% | 55.7 | 55.7 | 0.0 | -0.1% | 9.9% | 51.8 | 51.7 | -0.1 | -0.1% | 9.9% | 48.5 | 48.5 | 0.0 | 0.1% |
| 11.1% | 58.2 | 58.4 | 0.2 | 0.3% | 11.1% | 55.7 | 55.7 | -0.1 | -0.1% | 11.1% | 51.7 | 51.6 | 0.0 | 0.0% | 11.1% | 48.4 | 48.4 | 0.1 | 0.1% |
| 12.3% | 58.2 | 58.2 | 0.1 | 0.1% | 12.3% | 55.6 | 55.6 | -0.1 | -0.1% | 12.3% | 51.5 | 51.5 | 0.0 | 0.0% | 12.3% | 48.3 | 48.4 | 0.1 | 0.2% |
| 13.6% | 58.1 | 58.2 | 0.1 | 0.2% | 13.6% | 55.6 | 55.5 | -0.1 | -0.1% | 13.6% | 51.2 | 51.3 | 0.2 | 0.3% | 13.6% | 48.3 | 48.3 | 0.0 | 0.0% |
| 14.8% | 57.9 | 58.2 | 0.3 | 0.4% | 14.8% | 55.5 | 55.5 | 0.0 | 0.0% | 14.8% | 51.1 | 51.3 | 0.2 | 0.3% | 14.8% | 48.2 | 48.1 | -0.1 | -0.1% |
| 16.0% | 57.9 | 58.1 | 0.2 | 0.3% | 16.0% | 55.5 | 55.5 | 0.0 | -0.1% | 16.0% | 51.0 | 51.2 | 0.3 | 0.5% | 16.0% | 48.1 | 48.1 | 0.0 | 0.0% |
| 17.3% | 57.8 | 58.0 | 0.2 | 0.4% | 17.3% | 55.3 | 55.4 | 0.0 | 0.1% | 17.3% | 50.7 | 51.0 | 0.3 | 0.6% | 17.3% | 48.1 | 48.0 | 0.0 | -0.1% |
| 18.5% | 57.7 | 57.9 | 0.2 | 0.4% | 18.5% | 55.3 | 55.4 | 0.1 | 0.1% | 18.5% | 50.7 | 50.7 | 0.0 | 0.1% | 18.5% | 47.8 | 48.0 | 0.2 | 0.4% |
| 19.8% | 57.7 | 57.9 | 0.2 | 0.4% | 19.8% | 55.3 | 55.3 | 0.1 | 0.1% | 19.8% | 50.5 | 50.7 | 0.1 | 0.3% | 19.8% | 47.8 | 47.8 | 0.0 | 0.0% |
| 21.0% | 57.7 | 57.9 | 0.2 | 0.4% | 21.0% | 55.2 | 55.3 | 0.1 | 0.1% | 21.0% | 50.5 | 50.6 | 0.1 | 0.1% | 21.0% | 47.7 | 47.7 | 0.0 | 0.0% |
| 22.2% | 57.6 | 57.9 | 0.3 | 0.4% | 22.2% | 55.2 | 55.3 | 0.0 | 0.1% | 22.2% | 50.4 | 50.6 | 0.2 | 0.4% | 22.2% | 47.7 | 47.7 | 0.0 | 0.0% |
| 23.5% | 57.6 | 57.8 | 0.2 | 0.4% | 23.5% | 55.2 | 55.2 | 0.0 | 0.0% | 23.5% | 50.3 | 50.5 | 0.3 | 0.5% | 23.5% | 47.7 | 47.7 | 0.0 | 0.0% |
| 24.7% | 57.5 | 57.7 | 0.2 | 0.4% | 24.7% | 55.1 | 55.1 | 0.0 | 0.0% | 24.7% | 50.2 | 50.5 | 0.3 | 0.6% | 24.7% | 47.7 | 47.7 | 0.0 | 0.0% |
| 25.9% | 57.5 | 57.6 | 0.1 | 0.2% | 25.9% | 55.0 | 55.1 | 0.1 | 0.2% | 25.9% | 50.2 | 50.5 | 0.3 | 0.5% | 25.9% | 47.6 | 47.6 | 0.0 | 0.0% |
| 27.2% | 57.5 | 57.5 | 0.0 | 0.0% | 27.2% | 54.9 | 55.1 | 0.2 | 0.3% | 27.2% | 49.9 | 50.3 | 0.3 | 0.7% | 27.2% | 47.6 | 47.6 | 0.0 | 0.0% |
| 28.4% | 57.5 | 57.4 | 0.0 | 0.0% | 28.4% | 54.9 | 55.0 | 0.1 | 0.1% | 28.4% | 49.9 | 50.2 | 0.3 | 0.6% | 28.4% | 47.5 | 47.6 | 0.1 | 0.1% |
| 29.6% | 57.4 | 57.4 | 0.0 | 0.0% | 29.6% | 54.9 | 54.9 | 0.1 | 0.1% | 29.6% | 49.8 | 50.1 | 0.3 | 0.7% | 29.6% | 47.5 | 47.6 | 0.0 | 0.1% |
| 30.9% | 57.4 | 57.4 | 0.0 | 0.0% | 30.9% | 54.8 | 54.8 | 0.0 | 0.0% | 30.9% | 49.7 | 50.1 | 0.4 | 0.8% | 30.9% | 47.5 | 47.5 | 0.0 | 0.0% |
| 32.1% | 57.4 | 57.2 | -0.1 | -0.3% | 32.1% | 54.8 | 54.8 | 0.0 | 0.1% | 32.1% | 49.7 | 50.0 | 0.2 | 0.5% | 32.1% | 47.4 | 47.4 | 0.0 | 0.0% |
| 33.3% | 57.3 | 57.2 | -0.1 | -0.1% | 33.3% | 54.7 | 54.8 | 0.2 | 0.3% | 33.3% | 49.6 | 49.8 | 0.2 | 0.4% | 33.3% | 47.4 | 47.4 | 0.0 | -0.1% |
| 34.6% | 57.3 | 57.2 | -0.1 | -0.1% | 34.6% | 54.6 | 54.7 | 0.1 | 0.2% | 34.6% | 49.6 | 49.8 | 0.1 | 0.3% | 34.6% | 47.4 | 47.4 | 0.0 | 0.0% |
| 35.8% | 57.2 | 57.1 | -0.2 | -0.3% | 35.8% | 54.6 | 54.6 | 0.0 | 0.1% | 35.8% | 49.6 | 49.7 | 0.1 | 0.3% | 35.8% | 47.3 | 47.3 | 0.0 | 0.0% |
| 37.0% | 57.2 | 57.1 | -0.2 | -0.3% | 37.0% | 54.5 | 54.5 | 0.1 | 0.2% | 37.0% | 49.6 | 49.7 | 0.1 | 0.3% | 37.0% | 47.3 | 47.3 | 0.0 | 0.1% |
| 38.3% | 57.2 | 57.1 | -0.2 | -0.3% | 38.3% | 54.4 | 54.5 | 0.1 | 0.2% | 38.3% | 49.5 | 49.7 | 0.2 | 0.4% | 38.3% | 47.3 | 47.3 | 0.0 | 0.1% |
| 39.5% | 57.2 | 57.0 | -0.1 | -0.3% | 39.5% | 54.4 | 54.5 | 0.1 | 0.1% | 39.5% | 49.5 | 49.6 | 0.1 | 0.3% | 39.5% | 47.2 | 47.3 | 0.0 | 0.1% |
| 40.7% | 57.1 | 57.0 | -0.1 | -0.3% | 40.7% | 54.4 | 54.5 | 0.0 | 0.1% | 40.7% | 49.5 | 49.5 | 0.0 | 0.0% | 40.7% | 47.2 | 47.2 | 0.0 | 0.0% |
| 42.0% | 57.1 | 56.9 | -0.2 | -0.3% | 42.0% | 54.4 | 54.4 | 0.1 | 0.2% | 42.0% | 49.4 | 49.4 | 0.0 | 0.0% | 42.0% | 47.2 | 47.2 | 0.0 | 0.1% |
| 43.2% | 57.0 | 56.9 | 0.0 | -0.1% | 43.2% | 54.3 | 54.4 | 0.1 | 0.2% | 43.2% | 49.4 | 49.4 | 0.0 | -0.1% | 43.2% | 47.2 | 47.2 | 0.0 | 0.1% |
| 44.4% | 57.0 | 56.9 | -0.1 | -0.1% | 44.4% | 54.3 | 54.4 | 0.1 | 0.2% | 44.4% | 49.3 | 49.4 | 0.1 | 0.2% | 44.4% | 47.2 | 47.2 | 0.0 | 0.1% |
| 45.7% | 57.0 | 56.8 | -0.1 | -0.2% | 45.7% | 54.3 | 54.4 | 0.1 | 0.1% | 45.7% | 49.3 | 49.4 | 0.1 | 0.2% | 45.7% | 47.1 | 47.1 | 0.0 | 0.0% |
| 46.9% | 56.9 | 56.8 | -0.1 | -0.2% | 46.9% | 54.3 | 54.4 | 0.1 | 0.1% | 46.9% | 49.2 | 49.3 | 0.1 | 0.2% | 46.9% | 47.1 | 47.1 | 0.1 | 0.1% |
| 48.1% | 56.9 | 56.8 | 0.0 | 0.0% | 48.1% | 54.3 | 54.4 | 0.1 | 0.2% | 48.1% | 49.2 | 49.3 | 0.1 | 0.2% | 48.1% | 47.0 | 47.1 | 0.0 | 0.1% |
| 49.4% | 56.8 | 56.8 | 0.0 | 0.0% | 49.4% | 54.2 | 54.3 | 0.1 | 0.2% | 49.4% | 49.2 | 49.3 | 0.1 | 0.3% | 49.4% | 47.0 | 47.0 | 0.0 | 0.0% |
| 50.6% | 56.8 | 56.8 | 0.0 | -0.1% | 50.6% | 54.2 | 54.2 | 0.0 | 0.1% | 50.6% | 49.1 | 49.3 | 0.2 | 0.4% | 50.6% | 46.9 | 47.0 | 0.1 | 0.1% |
| 51.9% | 56.7 | 56.7 | 0.0 | 0.0% | 51.9% | 54.1 | 54.2 | 0.1 | 0.2% | 51.9% | 49.0 | 49.3 | 0.3 | 0.6% | 51.9% | 46.9 | 46.9 | 0.0 | 0.0% |
| 53.1% | 56.7 | 56.7 | 0.0 | 0.0% | 53.1% | 54.1 | 54.2 | 0.1 | 0.2% | 53.1% | 49.0 | 49.2 | 0.3 | 0.5% | 53.1% | 46.9 | 46.9 | 0.0 | 0.0% |
| 54.3% | 56.7 | 56.7 | 0.0 | -0.1% | 54.3% | 54.0 | 54.1 | 0.1 | 0.2% | 54.3% | 48.9 | 49.2 | 0.3 | 0.6% | 54.3% | 46.9 | 46.9 | 0.0 | 0.0% |
| 55.6% | 56.7 | 56.7 | 0.0 | 0.0% | 55.6% | 53.9 | 54.1 | 0.1 | 0.3% | 55.6% | 48.8 | 49.2 | 0.4 | 0.8% | 55.6% | 46.9 | 46.9 | 0.0 | -0.1% |
| 56.8% | 56.7 | 56.6 | 0.0 | -0.1% | 56.8% | 53.9 | 54.0 | 0.1 | 0.1% | 56.8% | 48.8 | 49.0 | 0.2 | 0.5% | 56.8% | 46.8 | 46.7 | 0.0 | -0.1% |
| 58.0% | 56.6 | 56.6 | 0.0 | 0.1% | 58.0% | 53.9 | 53.8 | -0.1 | -0.2% | 58.0% | 48.8 | 49.0 | 0.2 | 0.3% | 58.0% | 46.7 | 46.7 | 0.0 | 0.1% |
| 59.3% | 56.6 | 56.6 | 0.1 | 0.1% | 59.3% | 53.8 | 53.8 | 0.0 | -0.1% | 59.3% | 48.8 | 48.9 | 0.2 | 0.4% | 59.3% | 46.7 | 46.7 | 0.0 | 0.1% |
| 60.5% | 56.6 | 56.6 | 0.0 | 0.0% | 60.5% | 53.8 | 53.7 | -0.1 | -0.1% | 60.5% | 48.7 | 48.9 | 0.1 | 0.3% | 60.5% | 46.7 | 46.7 | 0.0 | 0.1% |
| 61.7% | 56.6 | 56.5 | 0.0 | 0.0% | 61.7% | 53.8 | 53.6 | -0.1 | -0.2% | 61.7% | 48.7 | 48.9 | 0.1 | 0.3% | 61.7% | 46.7 | 46.6 | 0.0 | 0.0% |
| 63.0% | 56.5 | 56.5 | 0.0 | 0.1% | 63.0% | 53.7 | 53.6 | -0.1 | -0.2% | 63.0% | 48.7 | 48.7 | 0.0 | 0.0% | 63.0% | 46.6 | 46.6 | 0.0 | 0.1% |
| 64.2% | 56.5 | 56.5 | 0.0 | 0.0% | 64.2% | 53.6 | 53.6 | 0.0 | -0.1% | 64.2% | 48.7 | 48.7 | 0.0 | 0.0% | 64.2% | 46.6 | 46.6 | 0.0 | 0.1% |
| 65.4% | 56.4 | 56.4 | 0.0 | 0.0% | 65.4% | 53.5 | 53.6 | 0.1 | 0.1% | 65.4% | 48.7 | 48.7 | 0.0 | 0.0% | 65.4% | 46.6 | 46.6 | 0.0 | 0.0% |
| 66.7% | 56.4 | 56.4 | 0.0 | 0.0% | 66.7% | 53.3 | 53.5 | 0.2 | 0.4% | 66.7% | 48.6 | 48.6 | 0.0 | 0.1% | 66.7% | 46.5 | 46.5 | -0.1 | -0.1% |
| 67.9% | 56.3 | 56.4 | 0.1 | 0.2% | 67.9% | 53.3 | 53.5 | 0.2 | 0.3% | 67.9% | 48.6 | 48.6 | 0.0 | 0.1% | 67.9% | 46.5 | 46.5 | -0.1 | -0.1% |
| 69.1% | 56.3 | 56.4 | 0.1 | 0.1% | 69.1% | 53.3 | 53.5 | 0.1 | 0.3% | 69.1% | 48.5 | 48.4 | -0.1 | -0.3% | 69.1% | 46.5 | 46.4 | -0.1 | -0.2% |
| 70.4% | 56.3 | 56.4 | 0.1 | 0.1% | 70.4% | 53.3 | 53.4 | 0.1 | 0.1% | 70.4% | 48.5 | 48.4 | -0.1 | -0.2% | 70.4% | 46.5 | 46.4 | -0.1 | -0.2% |
| 71.6% | 56.3 | 56.4 | 0.1 | 0.2% | 71.6% | 53.3 | 53.3 | 0.0 | 0.0% | 71.6% | 48.3 | 48.4 | 0.1 | 0.1% | 71.6% | 46.5 | 46.4 | -0.1 | -0.2% |
| 72.8% | 56.3 | 56.3 | 0.1 | 0.2% | 72.8% | 53.3 | 53.3 | 0.0 | -0.1% | 72.8% | 48.3 | 48.3 | 0.0 | 0.1% | 72.8% | 46.5 | 46.4 | -0.1 | -0.2% |
| 74.1% | 56.2 | 56.3 | 0.1 | 0.2% | 74.1% | 53.2 | 53.2 | 0.0 | 0.0% | 74.1% | 48.3 | 48.3 | 0.0 | 0.0% | 74.1% | 46.5 | 46.4 | -0.1 | -0.2% |
| 75.3% | 56.2 | 56.3 | 0.1 | 0.2% | 75.3% | 53.2 | 53.2 | 0.0 | 0.0% | 75.3% | 48.2 | 48.2 | 0.0 | -0.1% | 75.3% | 46.4 | 46.4 | -0.1 | -0.1% |
| 76.5% | 56.2 | 56.2 | 0.1 | 0.1% | 76.5% | 53.2 | 53.1 | -0.1 | -0.1% | 76.5% | 48.2 | 48.2 | 0.0 | -0.1% | 76.5% | 46.4 | 46.4 | -0.1 | -0.1% |
| 77.8% | 56.2 | 56.2 | 0.1 | 0.1% | 77.8% | 53.1 | 53.1 | 0.0 | 0.0% | 77.8% | 48.2 | 48.2 | 0.0 | 0.0% | 77.8% | 46.4 | 46.3 | -0.1 | -0.2% |
| 79.0% | 56.1 | 56.2 | 0.1 | 0.1% | 79.0% | 53.1 | 53.1 | 0.0 | 0.0% | 79.0% | 48.0 | 48.2 | 0.2 | 0.4% | 79.0% | 46.4 | 46.3 | -0.1 | -0.2% |
| 80.2% | 56.1 | 56.1 | 0.0 | 0.1% | 80.2% | 53.1 | 53.1 | 0.0 | -0.1% | 80.2% | 48.0 | 48.2 | 0.2 | 0.4% | 80.2% | 46.4 | 46.3 | -0.1 | -0.2% |
| 81.5% | 56.1 | 56.1 | 0.0 | 0.1% | 81.5% | 52.9 | 52.9 | 0.0 | 0.0% | 81.5% | 47.9 | 48.1 | 0.2 | 0.4% | 81.5% | 46.3 | 46.3 | 0.0 | -0.1% |
| 82.7% | 56.0 | 56.1 | 0.1 | 0.1% | 82.7% | 52.9 | 52.9 | 0.0 | -0.1% | 82.7% | 47.8 | 48.1 | 0.3 | 0.6% | 82.7% | 46.3 | 46.3 | 0.0 | -0.1% |
| 84.0% | 56.0 | 56.0 | 0.0 | 0.0% | 84.0% | 52.9 | 52.9 | 0.0 | -0.1% | 84.0% | 47.8 | 48.0 | 0.3 | 0.6% | 84.0% | 46.3 | 46.2 | -0.1 | -0.2% |
| 85.2% | 56.0 | 56.0 | 0.0 | -0.1% | 85.2% | 52.9 | 52.9 | 0.0 | -0.1% | 85.2% | 47.6 | 47.8 | 0.2 | 0.3% | 85.2% | 46.2 | 46.1 | -0.1 | -0.3% |
| 86.4% | 55.9 | 55.9 | 0.0 | 0.0% | 86.4% | 52.9 | 52.8 | 0.0 | -0.1% | 86.4% | 47.6 | 47.6 | 0.0 | -0.1% | 86.4% | 46.2 | 46.1 | -0.2 | -0.3% |
| 87.7% | 55.9 | 55.9 | 0.0 | 0.0% | 87.7% | 52.7 | 52.8 | 0.1 | 0.2% | 87.7% | 47.4 | 47.6 | 0.1 | 0.3% | 87.7% | 46.1 | 46.0 | -0.1 | -0.3% |
| 88.9% | 55.9 | 55.7 | -0.2 | -0.4% | 88.9% | 52.7 | 52.8 | 0.0 | 0.1% | 88.9% | 47.4 | 47.5 | 0.1 | 0.2% | 88.9% | 46.1 | 45.8 | -0.3 | -0.6% |
| 90.1% | 55.8 | 55.6 | -0.1 | -0.3% | 90.1% | 52.7 | 52.8 | 0.1 | 0.2% | 90.1% | 47.3 | 47.4 | 0.1 | 0.1% | 90.1% | 46.0 | 45.8 | -0.2 | -0.3% |
| 91.4% | 55.6 | 55.6 | 0.0 | 0.1% | 91.4% | 52.6 | 52.7 | 0.1 | 0.1% | 91.4% | 47.3 | 47.4 | 0.1 | 0.2% | 91.4% | 45.7 | 45.8 | 0.1 | 0.2% |
| 92.6% | 55.4 | 55.6 | 0.1 | 0.3% | 92.6% | 52.4 | 52.3 | -0.1 | -0.2% | 92.6% | 47.3 | 47.4 | 0.0 | 0.1% | 92.6% | 45.7 | 45.7 | 0.1 | 0.1% |
| 93.8% | 55.4 | 55.3 | -0.1 | -0.2% | 93.8% | 52.3 | 52.3 | -0.1 | -0.1% | 93.8% | 47.3 | 47.3 | 0.1 | 0.1% | 93.8% | 45.6 | 45.7 | 0.1 | 0.2% |
| 95.1% | 55.3 | 55.3 | 0.0 | 0.0% | 95.1% | 52.3 | 52.3 | -0.1 | -0.1% | 95.1% | 47.3 | 47.3 | 0.1 | 0.1% | 95.1% | 45.6 | 45.7 | 0.1 | 0.2% |
| 96.3% | 55.1 | 55.3 | 0.1 | 0.3% | 96.3% | 52.1 | 52.2 | 0.1 | 0.2% | 96.3% | 47.2 | 47.3 | 0.1 | 0.3% | 96.3% | 45.5 | 45.5 | -0.1 | -0.2% |
| 97.5% | 55.1 | 55.1 | 0.0 | 0.0% | 97.5% | 51.6 | 51.7 | 0.1 | 0.2% | 97.5% | 47.1 | 47.3 | 0.1 | 0.3% | 97.5% | 45.5 | 45.3 | -0.2 | -0.3% |
| 98.8% | 54.6 | 54.7 | 0.1 | 0.2% | 98.8% | 51.6 | 51.6 | 0.0 | 0.0% | 98.8% | 47.1 | 47.1 | 0.1 | 0.2% | 98.8% | 45.4 | 45.3 | -0.1 | -0.3% |
| 100.0% | 54.6 | 54.7 | 0.0 | 0.2% | 100.0% | 51.6 | 51.6 | 0.0 | 0.0% | 100.0% | 47.1 | 47.1 | 0.1 | 0.2% | 100.0% | 45.4 | 45.3 | -0.1 | -0.3% |

## Table SQ6-1b

**Sacramento River at Bend Bridge, Monthly Temperature**

**Probability of Exceedance**

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 52.1 | 52.2 | 0.1 | 0.1% | 0.0% | 53.5 | 53.6 | 0.0 | 0.0% | 0.0% | 57.1 | 57.1 | 0.0 | 0.0% | 0.0% | 59.8 | 60.1 | 0.3 | 0.5% |
| 1.2% | 50.5 | 50.7 | 0.2 | 0.3% | 1.2% | 53.3 | 53.5 | 0.2 | 0.4% | 1.2% | 56.9 | 56.7 | -0.2 | -0.4% | 1.2% | 58.8 | 59.3 | 0.5 | 0.9% |
| 2.5% | 50.0 | 49.9 | -0.1 | -0.2% | 2.5% | 53.3 | 53.1 | -0.2 | -0.3% | 2.5% | 56.3 | 56.3 | 0.0 | 0.0% | 2.5% | 58.1 | 59.3 | 1.2 | 2.1% |
| 3.7% | 49.9 | 49.6 | -0.3 | -0.6% | 3.7% | 53.3 | 52.9 | -0.4 | -0.8% | 3.7% | 56.2 | 56.0 | -0.2 | -0.4% | 3.7% | 58.1 | 59.1 | 0.9 | 1.6% |
| 4.9% | 49.5 | 49.5 | 0.0 | 0.0% | 4.9% | 52.8 | 52.8 | 0.1 | 0.1% | 4.9% | 56.0 | 55.7 | -0.3 | -0.5% | 4.9% | 57.9 | 58.7 | 0.8 | 1.3% |
| 6.2% | 49.4 | 49.4 | 0.0 | 0.0% | 6.2% | 52.7 | 52.8 | 0.1 | 0.2% | 6.2% | 55.8 | 55.6 | -0.2 | -0.3% | 6.2% | 57.9 | 58.5 | 0.6 | 1.1% |
| 7.4% | 49.3 | 49.3 | 0.1 | 0.1% | 7.4% | 52.7 | 52.7 | 0.0 | 0.1% | 7.4% | 55.7 | 55.3 | -0.5 | -0.8% | 7.4% | 57.8 | 58.2 | 0.5 | 0.8% |
| 8.6% | 49.2 | 49.3 | 0.0 | 0.1% | 8.6% | 52.6 | 52.6 | 0.0 | -0.1% | 8.6% | 55.5 | 55.1 | -0.4 | -0.7% | 8.6% | 57.6 | 58.1 | 0.5 | 0.9% |
| 9.9% | 49.2 | 49.3 | 0.1 | 0.1% | 9.9% | 52.4 | 52.5 | 0.1 | 0.1% | 9.9% | 55.5 | 55.1 | -0.4 | -0.7% | 9.9% | 57.6 | 57.9 | 0.4 | 0.6% |
| 11.1% | 49.2 | 49.2 | 0.1 | 0.2% | 11.1% | 52.4 | 52.4 | 0.0 | 0.1% | 11.1% | 55.4 | 55.1 | -0.3 | -0.6% | 11.1% | 57.5 | 57.9 | 0.3 | 0.6% |
| 12.3% | 49.2 | 49.2 | 0.0 | 0.1% | 12.3% | 52.2 | 52.3 | 0.1 | 0.1% | 12.3% | 55.3 | 55.1 | -0.3 | -0.5% | 12.3% | 57.5 | 57.8 | 0.4 | 0.6% |
| 13.6% | 49.1 | 49.2 | 0.1 | 0.2% | 13.6% | 52.2 | 52.1 | -0.1 | -0.2% | 13.6% | 55.2 | 55.1 | -0.1 | -0.3% | 13.6% | 57.3 | 57.8 | 0.5 | 0.9% |
| 14.8% | 49.1 | 49.2 | 0.1 | 0.3% | 14.8% | 52.1 | 52.0 | -0.1 | -0.1% | 14.8% | 55.0 | 55.0 | 0.1 | 0.1% | 14.8% | 57.2 | 57.8 | 0.6 | 1.1% |
| 16.0% | 49.0 | 49.0 | 0.0 | 0.0% | 16.0% | 52.0 | 52.0 | 0.0 | -0.1% | 16.0% | 55.0 | 55.0 | 0.1 | 0.1% | 16.0% | 57.2 | 57.8 | 0.6 | 1.1% |
| 17.3% | 48.9 | 49.0 | 0.0 | 0.1% | 17.3% | 52.0 | 52.0 | 0.0 | 0.0% | 17.3% | 54.9 | 54.9 | 0.0 | 0.0% | 17.3% | 57.1 | 57.7 | 0.6 | 1.0% |
| 18.5% | 48.7 | 48.7 | 0.0 | 0.0% | 18.5% | 51.9 | 52.0 | 0.1 | 0.2% | 18.5% | 54.8 | 54.8 | 0.0 | 0.0% | 18.5% | 57.1 | 57.7 | 0.6 | 1.0% |
| 19.8% | 48.5 | 48.5 | -0.1 | -0.1% | 19.8% | 51.8 | 51.8 | 0.0 | 0.0% | 19.8% | 54.8 | 54.7 | 0.0 | 0.0% | 19.8% | 57.1 | 57.6 | 0.6 | 1.0% |
| 21.0% | 48.4 | 48.4 | 0.0 | -0.1% | 21.0% | 51.8 | 51.7 | 0.0 | 0.0% | 21.0% | 54.8 | 54.7 | 0.0 | 0.0% | 21.0% | 56.9 | 57.6 | 0.7 | 1.3% |
| 22.2% | 48.4 | 48.4 | 0.0 | 0.0% | 22.2% | 51.8 | 51.7 | -0.1 | -0.2% | 22.2% | 54.5 | 54.7 | 0.2 | 0.4% | 22.2% | 56.9 | 57.6 | 0.7 | 1.3% |
| 23.5% | 48.4 | 48.3 | -0.1 | -0.1% | 23.5% | 51.6 | 51.6 | 0.0 | 0.0% | 23.5% | 54.3 | 54.6 | 0.3 | 0.6% | 23.5% | 56.8 | 57.5 | 0.7 | 1.2% |
| 24.7% | 48.3 | 48.3 | 0.0 | 0.0% | 24.7% | 51.6 | 51.6 | 0.0 | 0.0% | 24.7% | 54.2 | 54.6 | 0.4 | 0.7% | 24.7% | 56.7 | 57.4 | 0.7 | 1.3% |
| 25.9% | 48.3 | 48.3 | 0.0 | -0.1% | 25.9% | 51.6 | 51.6 | 0.0 | 0.0% | 25.9% | 54.2 | 54.6 | 0.3 | 0.6% | 25.9% | 56.7 | 57.4 | 0.7 | 1.3% |
| 27.2% | 48.3 | 48.2 | 0.0 | 0.0% | 27.2% | 51.5 | 51.6 | 0.1 | 0.1% | 27.2% | 54.1 | 54.5 | 0.4 | 0.7% | 27.2% | 56.6 | 57.2 | 0.6 | 1.0% |
| 28.4% | 48.2 | 48.2 | 0.0 | 0.0% | 28.4% | 51.5 | 51.5 | 0.1 | 0.1% | 28.4% | 54.1 | 54.5 | 0.4 | 0.7% | 28.4% | 56.5 | 57.2 | 0.7 | 1.2% |
| 29.6% | 48.2 | 48.2 | 0.0 | 0.0% | 29.6% | 51.5 | 51.5 | 0.1 | 0.1% | 29.6% | 54.1 | 54.3 | 0.2 | 0.4% | 29.6% | 56.5 | 57.1 | 0.7 | 1.2% |
| 30.9% | 48.2 | 48.2 | 0.0 | 0.1% | 30.9% | 51.5 | 51.5 | 0.1 | 0.1% | 30.9% | 54.0 | 54.2 | 0.2 | 0.3% | 30.9% | 56.5 | 57.1 | 0.6 | 1.1% |
| 32.1% | 48.2 | 48.2 | 0.0 | 0.0% | 32.1% | 51.5 | 51.5 | 0.0 | 0.0% | 32.1% | 54.0 | 54.0 | 0.1 | 0.2% | 32.1% | 56.3 | 56.8 | 0.5 | 0.9% |
| 33.3% | 48.2 | 48.1 | 0.0 | -0.1% | 33.3% | 51.4 | 51.4 | 0.0 | 0.0% | 33.3% | 53.8 | 54.0 | 0.2 | 0.3% | 33.3% | 56.3 | 56.8 | 0.5 | 0.8% |
| 34.6% | 48.2 | 48.1 | 0.0 | 0.0% | 34.6% | 51.3 | 51.3 | 0.0 | 0.0% | 34.6% | 53.8 | 54.0 | 0.2 | 0.4% | 34.6% | 56.3 | 56.7 | 0.5 | 0.8% |
| 35.8% | 48.1 | 48.1 | 0.0 | -0.1% | 35.8% | 51.3 | 51.3 | 0.0 | 0.1% | 35.8% | 53.7 | 54.0 | 0.2 | 0.4% | 35.8% | 56.1 | 56.7 | 0.6 | 1.0% |
| 37.0% | 48.1 | 48.1 | 0.0 | 0.1% | 37.0% | 51.3 | 51.3 | 0.0 | 0.0% | 37.0% | 53.7 | 54.0 | 0.3 | 0.5% | 37.0% | 56.0 | 56.6 | 0.6 | 1.1% |
| 38.3% | 48.0 | 48.0 | 0.0 | 0.1% | 38.3% | 51.1 | 51.1 | 0.0 | 0.0% | 38.3% | 53.7 | 53.8 | 0.2 | 0.3% | 38.3% | 56.0 | 56.5 | 0.4 | 0.8% |
| 39.5% | 47.9 | 47.9 | 0.0 | 0.0% | 39.5% | 51.1 | 51.1 | 0.0 | 0.0% | 39.5% | 53.7 | 53.7 | 0.1 | 0.1% | 39.5% | 55.9 | 56.5 | 0.5 | 0.9% |
| 40.7% | 47.9 | 47.9 | 0.0 | 0.0% | 40.7% | 51.0 | 51.0 | 0.0 | 0.1% | 40.7% | 53.6 | 53.7 | 0.1 | 0.2% | 40.7% | 55.9 | 56.4 | 0.5 | 0.9% |
| 42.0% | 47.9 | 47.8 | -0.1 | -0.1% | 42.0% | 50.9 | 51.0 | 0.0 | 0.1% | 42.0% | 53.6 | 53.7 | 0.1 | 0.2% | 42.0% | 55.8 | 56.3 | 0.6 | 1.0% |
| 43.2% | 47.9 | 47.8 | -0.1 | -0.2% | 43.2% | 50.8 | 50.8 | 0.0 | 0.0% | 43.2% | 53.5 | 53.7 | 0.1 | 0.3% | 43.2% | 55.7 | 56.3 | 0.6 | 1.0% |
| 44.4% | 47.9 | 47.8 | -0.1 | -0.1% | 44.4% | 50.8 | 50.8 | 0.0 | 0.0% | 44.4% | 53.5 | 53.7 | 0.2 | 0.3% | 44.4% | 55.7 | 56.2 | 0.5 | 0.9% |
| 45.7% | 47.8 | 47.8 | 0.0 | 0.0% | 45.7% | 50.8 | 50.8 | 0.0 | 0.0% | 45.7% | 53.5 | 53.6 | 0.1 | 0.2% | 45.7% | 55.7 | 56.1 | 0.5 | 0.8% |
| 46.9% | 47.7 | 47.8 | 0.1 | 0.1% | 46.9% | 50.6 | 50.5 | 0.0 | -0.1% | 46.9% | 53.4 | 53.6 | 0.1 | 0.2% | 46.9% | 55.7 | 56.1 | 0.5 | 0.8% |
| 48.1% | 47.6 | 47.5 | 0.0 | -0.1% | 48.1% | 50.5 | 50.5 | 0.0 | -0.1% | 48.1% | 53.4 | 53.5 | 0.1 | 0.3% | 48.1% | 55.6 | 56.1 | 0.4 | 0.8% |
| 49.4% | 47.5 | 47.5 | 0.0 | -0.1% | 49.4% | 50.3 | 50.3 | 0.0 | 0.0% | 49.4% | 53.3 | 53.5 | 0.2 | 0.3% | 49.4% | 55.6 | 56.1 | 0.5 | 0.9% |
| 50.6% | 47.5 | 47.5 | 0.0 | 0.0% | 50.6% | 50.3 | 50.3 | 0.0 | 0.0% | 50.6% | 53.3 | 53.5 | 0.2 | 0.3% | 50.6% | 55.5 | 56.0 | 0.5 | 0.8% |
| 51.9% | 47.5 | 47.5 | 0.0 | 0.0% | 51.9% | 50.3 | 50.3 | 0.0 | 0.0% | 51.9% | 53.2 | 53.4 | 0.2 | 0.3% | 51.9% | 55.5 | 56.0 | 0.5 | 0.9% |
| 53.1% | 47.5 | 47.5 | 0.0 | 0.0% | 53.1% | 50.3 | 50.2 | 0.0 | -0.1% | 53.1% | 53.2 | 53.4 | 0.2 | 0.3% | 53.1% | 55.5 | 56.0 | 0.5 | 1.0% |
| 54.3% | 47.4 | 47.5 | 0.0 | 0.0% | 54.3% | 50.2 | 50.1 | -0.2 | -0.3% | 54.3% | 53.2 | 53.4 | 0.2 | 0.4% | 54.3% | 55.4 | 55.9 | 0.5 | 1.0% |
| 55.6% | 47.4 | 47.4 | 0.0 | 0.0% | 55.6% | 50.2 | 50.0 | -0.1 | -0.2% | 55.6% | 53.0 | 53.3 | 0.3 | 0.6% | 55.6% | 55.4 | 55.9 | 0.5 | 1.0% |
| 56.8% | 47.4 | 47.4 | 0.0 | 0.1% | 56.8% | 50.1 | 50.0 | -0.1 | -0.3% | 56.8% | 53.0 | 53.3 | 0.3 | 0.5% | 56.8% | 55.3 | 55.9 | 0.5 | 1.0% |
| 58.0% | 47.4 | 47.4 | 0.0 | 0.0% | 58.0% | 50.1 | 49.9 | -0.1 | -0.3% | 58.0% | 53.0 | 53.2 | 0.3 | 0.5% | 58.0% | 55.3 | 55.9 | 0.5 | 1.0% |
| 59.3% | 47.4 | 47.4 | 0.0 | 0.0% | 59.3% | 50.0 | 49.9 | -0.1 | -0.2% | 59.3% | 52.9 | 53.2 | 0.3 | 0.5% | 59.3% | 55.3 | 55.8 | 0.5 | 0.9% |
| 60.5% | 47.3 | 47.3 | 0.0 | 0.0% | 60.5% | 49.9 | 49.9 | -0.1 | -0.2% | 60.5% | 52.9 | 53.2 | 0.3 | 0.6% | 60.5% | 55.3 | 55.8 | 0.5 | 0.9% |
| 61.7% | 47.3 | 47.3 | 0.0 | -0.1% | 61.7% | 49.9 | 49.9 | -0.1 | -0.2% | 61.7% | 52.9 | 53.2 | 0.3 | 0.6% | 61.7% | 55.3 | 55.7 | 0.5 | 0.9% |
| 63.0% | 47.3 | 47.2 | 0.0 | 0.0% | 63.0% | 49.9 | 49.8 | -0.1 | -0.1% | 63.0% | 52.8 | 53.1 | 0.3 | 0.6% | 63.0% | 55.2 | 55.7 | 0.5 | 0.9% |
| 64.2% | 47.2 | 47.1 | 0.0 | -0.1% | 64.2% | 49.8 | 49.7 | -0.1 | -0.2% | 64.2% | 52.8 | 53.1 | 0.3 | 0.5% | 64.2% | 55.2 | 55.7 | 0.5 | 0.9% |
| 65.4% | 47.1 | 47.1 | 0.0 | -0.1% | 65.4% | 49.8 | 49.6 | -0.1 | -0.3% | 65.4% | 52.8 | 53.0 | 0.3 | 0.5% | 65.4% | 55.2 | 55.6 | 0.5 | 0.8% |
| 66.7% | 47.1 | 47.1 | -0.1 | -0.1% | 66.7% | 49.6 | 49.5 | -0.1 | -0.1% | 66.7% | 52.8 | 53.0 | 0.3 | 0.5% | 66.7% | 55.2 | 55.5 | 0.4 | 0.7% |
| 67.9% | 47.1 | 47.0 | -0.1 | -0.2% | 67.9% | 49.6 | 49.5 | -0.1 | -0.3% | 67.9% | 52.8 | 53.0 | 0.2 | 0.4% | 67.9% | 55.1 | 55.5 | 0.4 | 0.6% |
| 69.1% | 47.1 | 47.0 | -0.1 | -0.2% | 69.1% | 49.5 | 49.4 | -0.1 | -0.3% | 69.1% | 52.7 | 52.9 | 0.2 | 0.4% | 69.1% | 55.1 | 55.5 | 0.4 | 0.7% |
| 70.4% | 46.9 | 46.9 | 0.0 | 0.0% | 70.4% | 49.4 | 49.3 | -0.1 | -0.3% | 70.4% | 52.7 | 52.9 | 0.2 | 0.3% | 70.4% | 55.1 | 55.5 | 0.4 | 0.7% |
| 71.6% | 46.8 | 46.8 | -0.1 | -0.1% | 71.6% | 49.3 | 49.2 | 0.0 | 0.0% | 71.6% | 52.7 | 52.9 | 0.2 | 0.4% | 71.6% | 55.1 | 55.5 | 0.4 | 0.7% |
| 72.8% | 46.7 | 46.7 | -0.1 | -0.2% | 72.8% | 49.3 | 49.2 | -0.1 | -0.2% | 72.8% | 52.6 | 52.9 | 0.2 | 0.4% | 72.8% | 55.1 | 55.5 | 0.4 | 0.7% |
| 74.1% | 46.7 | 46.6 | -0.2 | -0.3% | 74.1% | 49.1 | 49.2 | 0.0 | 0.0% | 74.1% | 52.6 | 52.8 | 0.2 | 0.3% | 74.1% | 55.1 | 55.4 | 0.4 | 0.7% |
| 75.3% | 46.7 | 46.6 | -0.1 | -0.3% | 75.3% | 49.1 | 48.9 | -0.2 | -0.4% | 75.3% | 52.6 | 52.7 | 0.1 | 0.1% | 75.3% | 55.0 | 55.4 | 0.3 | 0.6% |
| 76.5% | 46.6 | 46.5 | -0.1 | -0.3% | 76.5% | 48.9 | 48.9 | 0.0 | 0.0% | 76.5% | 52.5 | 52.6 | 0.1 | 0.3% | 76.5% | 55.0 | 55.3 | 0.3 | 0.6% |
| 77.8% | 46.6 | 46.4 | -0.1 | -0.3% | 77.8% | 48.9 | 48.8 | 0.0 | 0.0% | 77.8% | 52.5 | 52.5 | 0.0 | 0.1% | 77.8% | 55.0 | 55.3 | 0.3 | 0.6% |
| 79.0% | 46.6 | 46.4 | -0.1 | -0.3% | 79.0% | 48.8 | 48.8 | 0.0 | 0.0% | 79.0% | 52.2 | 52.3 | 0.1 | 0.1% | 79.0% | 55.0 | 55.3 | 0.3 | 0.6% |
| 80.2% | 46.5 | 46.4 | -0.1 | -0.2% | 80.2% | 48.8 | 48.8 | 0.0 | 0.0% | 80.2% | 52.2 | 52.3 | 0.0 | 0.1% | 80.2% | 54.8 | 55.2 | 0.4 | 0.7% |
| 81.5% | 46.5 | 46.4 | -0.1 | -0.1% | 81.5% | 48.8 | 48.6 | -0.1 | -0.2% | 81.5% | 52.2 | 52.3 | 0.1 | 0.2% | 81.5% | 54.7 | 55.1 | 0.4 | 0.6% |
| 82.7% | 46.4 | 46.4 | 0.0 | -0.1% | 82.7% | 48.4 | 48.4 | -0.1 | -0.1% | 82.7% | 52.0 | 52.1 | 0.1 | 0.1% | 82.7% | 54.7 | 55.0 | 0.4 | 0.7% |
| 84.0% | 46.4 | 46.3 | -0.1 | -0.2% | 84.0% | 48.4 | 48.4 | 0.0 | 0.0% | 84.0% | 51.9 | 52.0 | 0.2 | 0.4% | 84.0% | 54.6 | 55.0 | 0.4 | 0.7% |
| 85.2% | 46.4 | 46.2 | -0.1 | -0.2% | 85.2% | 48.3 | 48.4 | 0.0 | 0.1% | 85.2% | 51.7 | 51.8 | 0.1 | 0.2% | 85.2% | 54.6 | 55.0 | 0.4 | 0.7% |
| 86.4% | 46.3 | 46.2 | -0.1 | -0.3% | 86.4% | 48.3 | 48.3 | 0.0 | 0.1% | 86.4% | 51.7 | 51.8 | 0.1 | 0.2% | 86.4% | 54.6 | 55.0 | 0.4 | 0.7% |
| 87.7% | 46.3 | 46.2 | -0.1 | -0.3% | 87.7% | 48.2 | 48.3 | 0.2 | 0.3% | 87.7% | 51.7 | 51.7 | 0.0 | 0.0% | 87.7% | 54.5 | 54.8 | 0.3 | 0.6% |
| 88.9% | 46.2 | 46.2 | -0.1 | -0.1% | 88.9% | 48.2 | 48.1 | 0.0 | 0.0% | 88.9% | 51.5 | 51.7 | 0.2 | 0.3% | 88.9% | 54.5 | 54.7 | 0.2 | 0.3% |
| 90.1% | 46.2 | 46.1 | -0.1 | -0.2% | 90.1% | 48.1 | 48.1 | 0.0 | -0.1% | 90.1% | 51.5 | 51.6 | 0.0 | 0.1% | 90.1% | 54.5 | 54.7 | 0.2 | 0.4% |
| 91.4% | 46.1 | 46.1 | 0.0 | 0.0% | 91.4% | 48.0 | 48.1 | 0.0 | 0.1% | 91.4% | 51.4 | 51.5 | 0.1 | 0.1% | 91.4% | 54.2 | 54.5 | 0.3 | 0.5% |
| 92.6% | 46.0 | 45.9 | -0.2 | -0.4% | 92.6% | 47.8 | 47.8 | 0.0 | 0.0% | 92.6% | 51.4 | 51.5 | 0.1 | 0.1% | 92.6% | 54.1 | 54.3 | 0.2 | 0.3% |
| 93.8% | 46.0 | 45.9 | -0.2 | -0.4% | 93.8% | 47.8 | 47.8 | 0.0 | 0.0% | 93.8% | 51.4 | 51.5 | 0.1 | 0.1% | 93.8% | 54.1 | 54.1 | 0.0 | 0.0% |
| 95.1% | 46.0 | 45.8 | -0.1 | -0.3% | 95.1% | 47.7 | 47.8 | 0.0 | 0.1% | 95.1% | 51.4 | 51.4 | 0.1 | 0.1% | 95.1% | 54.0 | 54.0 | 0.0 | 0.1% |
| 96.3% | 45.6 | 45.5 | -0.1 | -0.3% | 96.3% | 47.7 | 47.7 | 0.0 | 0.0% | 96.3% | 51.2 | 51.2 | 0.0 | 0.0% | 96.3% | 53.6 | 53.7 | 0.1 | 0.1% |
| 97.5% | 45.6 | 45.5 | -0.1 | -0.3% | 97.5% | 47.7 | 47.7 | 0.0 | 0.0% | 97.5% | 50.4 | 50.4 | 0.0 | 0.0% | 97.5% | 53.6 | 53.6 | 0.0 | 0.0% |
| 98.8% | 44.8 | 44.9 | 0.2 | 0.4% | 98.8% | 47.5 | 47.4 | -0.1 | -0.2% | 98.8% | 50.1 | 50.1 | 0.0 | 0.0% | 98.8% | 53.0 | 53.6 | 0.6 | 1.1% |
| 100.0% | 44.8 | 44.9 | 0.2 | 0.4% | 100.0% | 47.5 | 47.4 | -0.1 | -0.2% | 100.0% | 50.1 | 50.1 | 0.0 | 0.0% | 100.0% | 53.0 | 53.6 | 0.6 | 1.1% |

## Table SQ6-1b

**Sacramento River at Bend Bridge, Monthly Temperature**

**Probability of Exceedance**

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 59.3 | 59.2 | 0.0 | -0.1% | 0.0% | 60.6 | 59.7 | -0.9 | -1.5% | 0.0% | 67.8 | 63.3 | -4.5 | -6.7% | 0.0% | 67.1 | 67.5 | 0.4 | 0.6% |
| 1.2% | 59.0 | 58.9 | -0.1 | -0.2% | 1.2% | 59.7 | 59.6 | -0.1 | -0.1% | 1.2% | 61.2 | 60.2 | -1.1 | -1.8% | 1.2% | 65.8 | 62.5 | -3.4 | -5.1% |
| 2.5% | 58.9 | 58.7 | -0.2 | -0.4% | 2.5% | 59.5 | 59.5 | 0.0 | 0.0% | 2.5% | 61.1 | 59.8 | -1.3 | -2.1% | 2.5% | 65.1 | 62.4 | -2.7 | -4.1% |
| 3.7% | 58.8 | 58.4 | -0.4 | -0.7% | 3.7% | 59.4 | 59.3 | -0.1 | -0.2% | 3.7% | 61.0 | 59.5 | -1.5 | -2.5% | 3.7% | 62.5 | 60.9 | -1.6 | -2.6% |
| 4.9% | 58.5 | 58.2 | -0.3 | -0.4% | 4.9% | 59.4 | 59.2 | -0.1 | -0.2% | 4.9% | 60.9 | 59.5 | -1.4 | -2.2% | 4.9% | 62.2 | 60.5 | -1.7 | -2.7% |
| 6.2% | 58.4 | 58.1 | -0.3 | -0.5% | 6.2% | 59.3 | 59.1 | -0.2 | -0.4% | 6.2% | 60.4 | 59.5 | -0.9 | -1.5% | 6.2% | 61.6 | 60.3 | -1.3 | -2.1% |
| 7.4% | 58.4 | 58.1 | -0.3 | -0.4% | 7.4% | 59.0 | 59.1 | 0.0 | 0.0% | 7.4% | 60.2 | 59.4 | -0.8 | -1.3% | 7.4% | 61.2 | 60.0 | -1.1 | -1.9% |
| 8.6% | 58.2 | 58.1 | -0.1 | -0.2% | 8.6% | 58.9 | 59.0 | 0.0 | 0.1% | 8.6% | 60.2 | 59.4 | -0.8 | -1.3% | 8.6% | 60.8 | 59.9 | -0.8 | -1.4% |
| 9.9% | 58.2 | 57.8 | -0.3 | -0.5% | 9.9% | 58.9 | 58.9 | 0.0 | 0.0% | 9.9% | 60.0 | 59.3 | -0.7 | -1.1% | 9.9% | 60.8 | 59.9 | -0.8 | -1.4% |
| 11.1% | 58.0 | 57.7 | -0.3 | -0.6% | 11.1% | 58.8 | 58.9 | 0.0 | 0.0% | 11.1% | 59.9 | 59.3 | -0.6 | -1.0% | 11.1% | 60.6 | 59.8 | -0.8 | -1.4% |
| 12.3% | 57.8 | 57.7 | -0.1 | -0.2% | 12.3% | 58.7 | 58.7 | 0.0 | 0.0% | 12.3% | 59.9 | 59.3 | -0.6 | -0.9% | 12.3% | 60.6 | 59.5 | -1.1 | -1.8% |
| 13.6% | 57.7 | 57.7 | 0.0 | 0.0% | 13.6% | 58.7 | 58.7 | 0.0 | 0.0% | 13.6% | 59.6 | 59.2 | -0.5 | -0.8% | 13.6% | 60.5 | 59.4 | -1.1 | -1.8% |
| 14.8% | 57.7 | 57.6 | -0.1 | -0.2% | 14.8% | 58.6 | 58.6 | 0.0 | -0.1% | 14.8% | 59.6 | 59.2 | -0.5 | -0.8% | 14.8% | 60.4 | 59.4 | -1.1 | -1.8% |
| 16.0% | 57.7 | 57.4 | -0.3 | -0.5% | 16.0% | 58.4 | 58.6 | 0.2 | 0.3% | 16.0% | 59.5 | 59.1 | -0.4 | -0.7% | 16.0% | 60.3 | 59.2 | -1.1 | -1.8% |
| 17.3% | 57.4 | 57.4 | -0.1 | -0.1% | 17.3% | 58.3 | 58.5 | 0.2 | 0.3% | 17.3% | 59.5 | 59.1 | -0.4 | -0.7% | 17.3% | 60.3 | 59.1 | -1.2 | -2.0% |
| 18.5% | 57.2 | 57.3 | 0.1 | 0.1% | 18.5% | 58.2 | 58.5 | 0.2 | 0.4% | 18.5% | 59.5 | 59.1 | -0.4 | -0.6% | 18.5% | 60.0 | 59.0 | -1.0 | -1.6% |
| 19.8% | 57.2 | 57.3 | 0.1 | 0.2% | 19.8% | 58.2 | 58.5 | 0.3 | 0.4% | 19.8% | 59.4 | 59.1 | -0.4 | -0.7% | 19.8% | 59.7 | 59.0 | -0.6 | -1.1% |
| 21.0% | 57.1 | 57.3 | 0.2 | 0.3% | 21.0% | 58.0 | 58.4 | 0.4 | 0.6% | 21.0% | 59.3 | 59.0 | -0.3 | -0.5% | 21.0% | 59.6 | 58.9 | -0.6 | -1.1% |
| 22.2% | 57.0 | 57.3 | 0.3 | 0.5% | 22.2% | 58.0 | 58.1 | 0.1 | 0.2% | 22.2% | 59.3 | 59.0 | -0.3 | -0.5% | 22.2% | 59.5 | 58.9 | -0.6 | -0.9% |
| 23.5% | 57.0 | 57.2 | 0.3 | 0.5% | 23.5% | 58.0 | 58.1 | 0.1 | 0.2% | 23.5% | 59.2 | 59.0 | -0.3 | -0.5% | 23.5% | 59.4 | 58.9 | -0.5 | -0.9% |
| 24.7% | 56.9 | 57.2 | 0.3 | 0.5% | 24.7% | 57.8 | 58.0 | 0.2 | 0.4% | 24.7% | 59.2 | 58.9 | -0.3 | -0.5% | 24.7% | 59.4 | 58.8 | -0.5 | -0.9% |
| 25.9% | 56.9 | 57.2 | 0.3 | 0.5% | 25.9% | 57.7 | 58.0 | 0.3 | 0.5% | 25.9% | 59.2 | 58.9 | -0.3 | -0.4% | 25.9% | 59.4 | 58.8 | -0.5 | -0.9% |
| 27.2% | 56.9 | 57.1 | 0.3 | 0.5% | 27.2% | 57.7 | 57.9 | 0.2 | 0.4% | 27.2% | 59.2 | 58.9 | -0.3 | -0.4% | 27.2% | 59.3 | 58.8 | -0.5 | -0.9% |
| 28.4% | 56.9 | 57.1 | 0.2 | 0.3% | 28.4% | 57.7 | 57.9 | 0.2 | 0.4% | 28.4% | 59.2 | 58.9 | -0.3 | -0.5% | 28.4% | 59.3 | 58.8 | -0.5 | -0.8% |
| 29.6% | 56.8 | 57.0 | 0.2 | 0.3% | 29.6% | 57.7 | 57.9 | 0.2 | 0.4% | 29.6% | 59.1 | 58.8 | -0.3 | -0.5% | 29.6% | 59.2 | 58.8 | -0.5 | -0.8% |
| 30.9% | 56.8 | 56.9 | 0.2 | 0.3% | 30.9% | 57.6 | 57.9 | 0.2 | 0.4% | 30.9% | 59.0 | 58.7 | -0.4 | -0.7% | 30.9% | 59.1 | 58.7 | -0.4 | -0.6% |
| 32.1% | 56.6 | 56.9 | 0.3 | 0.5% | 32.1% | 57.6 | 57.8 | 0.2 | 0.3% | 32.1% | 58.9 | 58.7 | -0.2 | -0.4% | 32.1% | 59.0 | 58.7 | -0.3 | -0.5% |
| 33.3% | 56.6 | 56.9 | 0.3 | 0.6% | 33.3% | 57.6 | 57.8 | 0.2 | 0.3% | 33.3% | 58.9 | 58.6 | -0.3 | -0.5% | 33.3% | 58.8 | 58.7 | -0.2 | -0.3% |
| 34.6% | 56.5 | 56.9 | 0.4 | 0.7% | 34.6% | 57.6 | 57.7 | 0.2 | 0.3% | 34.6% | 58.9 | 58.5 | -0.3 | -0.5% | 34.6% | 58.8 | 58.6 | -0.2 | -0.3% |
| 35.8% | 56.4 | 56.9 | 0.5 | 0.8% | 35.8% | 57.5 | 57.6 | 0.2 | 0.3% | 35.8% | 58.8 | 58.5 | -0.2 | -0.4% | 35.8% | 58.8 | 58.5 | -0.3 | -0.5% |
| 37.0% | 56.4 | 56.8 | 0.4 | 0.7% | 37.0% | 57.4 | 57.6 | 0.2 | 0.3% | 37.0% | 58.7 | 58.5 | -0.2 | -0.4% | 37.0% | 58.5 | 58.4 | -0.1 | -0.1% |
| 38.3% | 56.3 | 56.7 | 0.4 | 0.7% | 38.3% | 57.2 | 57.6 | 0.3 | 0.6% | 38.3% | 58.6 | 58.5 | -0.1 | -0.2% | 38.3% | 58.4 | 58.4 | -0.1 | -0.1% |
| 39.5% | 56.2 | 56.7 | 0.5 | 0.9% | 39.5% | 57.2 | 57.5 | 0.3 | 0.6% | 39.5% | 58.6 | 58.5 | -0.1 | -0.2% | 39.5% | 58.2 | 58.4 | 0.1 | 0.2% |
| 40.7% | 56.2 | 56.7 | 0.5 | 0.9% | 40.7% | 57.2 | 57.4 | 0.2 | 0.3% | 40.7% | 58.6 | 58.4 | -0.2 | -0.3% | 40.7% | 58.2 | 58.0 | -0.2 | -0.4% |
| 42.0% | 56.2 | 56.7 | 0.5 | 1.0% | 42.0% | 57.1 | 57.4 | 0.2 | 0.4% | 42.0% | 58.6 | 58.4 | -0.2 | -0.4% | 42.0% | 58.0 | 58.0 | 0.0 | 0.0% |
| 43.2% | 56.1 | 56.6 | 0.5 | 0.9% | 43.2% | 57.1 | 57.3 | 0.2 | 0.4% | 43.2% | 58.5 | 58.3 | -0.2 | -0.3% | 43.2% | 57.6 | 57.8 | 0.2 | 0.3% |
| 44.4% | 56.1 | 56.5 | 0.5 | 0.8% | 44.4% | 57.1 | 57.2 | 0.1 | 0.2% | 44.4% | 58.5 | 58.3 | -0.1 | -0.2% | 44.4% | 57.6 | 57.6 | 0.0 | 0.0% |
| 45.7% | 56.1 | 56.5 | 0.4 | 0.8% | 45.7% | 57.0 | 57.2 | 0.2 | 0.4% | 45.7% | 58.5 | 58.3 | -0.2 | -0.3% | 45.7% | 57.6 | 57.6 | 0.0 | 0.0% |
| 46.9% | 56.0 | 56.5 | 0.4 | 0.8% | 46.9% | 56.8 | 57.2 | 0.4 | 0.6% | 46.9% | 58.4 | 58.3 | -0.1 | -0.2% | 46.9% | 57.5 | 57.6 | 0.1 | 0.1% |
| 48.1% | 56.0 | 56.4 | 0.4 | 0.8% | 48.1% | 56.8 | 57.0 | 0.2 | 0.3% | 48.1% | 58.4 | 58.2 | -0.2 | -0.3% | 48.1% | 57.5 | 57.6 | 0.1 | 0.2% |
| 49.4% | 55.9 | 56.4 | 0.5 | 0.8% | 49.4% | 56.8 | 57.0 | 0.2 | 0.4% | 49.4% | 58.4 | 58.1 | -0.2 | -0.4% | 49.4% | 57.4 | 57.6 | 0.2 | 0.3% |
| 50.6% | 55.9 | 56.4 | 0.5 | 0.8% | 50.6% | 56.8 | 57.0 | 0.2 | 0.4% | 50.6% | 58.3 | 58.1 | -0.2 | -0.3% | 50.6% | 56.9 | 57.5 | 0.6 | 1.0% |
| 51.9% | 55.8 | 56.4 | 0.6 | 1.0% | 51.9% | 56.8 | 57.0 | 0.2 | 0.4% | 51.9% | 58.3 | 58.1 | -0.2 | -0.4% | 51.9% | 56.9 | 57.4 | 0.5 | 0.9% |
| 53.1% | 55.8 | 56.3 | 0.6 | 1.0% | 53.1% | 56.8 | 57.0 | 0.2 | 0.3% | 53.1% | 58.2 | 58.1 | -0.1 | -0.1% | 53.1% | 56.8 | 57.4 | 0.6 | 1.1% |
| 54.3% | 55.7 | 56.3 | 0.6 | 1.0% | 54.3% | 56.6 | 56.9 | 0.4 | 0.6% | 54.3% | 58.1 | 58.0 | -0.1 | -0.2% | 54.3% | 56.8 | 57.3 | 0.5 | 0.8% |
| 55.6% | 55.7 | 56.3 | 0.6 | 1.0% | 55.6% | 56.5 | 56.9 | 0.4 | 0.8% | 55.6% | 58.1 | 58.0 | -0.1 | -0.1% | 55.6% | 56.8 | 57.2 | 0.5 | 0.8% |
| 56.8% | 55.7 | 56.3 | 0.6 | 1.1% | 56.8% | 56.5 | 56.8 | 0.3 | 0.6% | 56.8% | 58.0 | 58.0 | 0.0 | 0.0% | 56.8% | 56.7 | 56.9 | 0.2 | 0.4% |
| 58.0% | 55.7 | 56.2 | 0.6 | 1.0% | 58.0% | 56.4 | 56.8 | 0.4 | 0.7% | 58.0% | 57.9 | 58.0 | 0.1 | 0.1% | 58.0% | 56.5 | 56.9 | 0.4 | 0.8% |
| 59.3% | 55.7 | 56.1 | 0.4 | 0.8% | 59.3% | 56.4 | 56.8 | 0.4 | 0.7% | 59.3% | 57.9 | 57.9 | 0.1 | 0.1% | 59.3% | 56.4 | 56.9 | 0.5 | 0.9% |
| 60.5% | 55.6 | 56.1 | 0.4 | 0.8% | 60.5% | 56.4 | 56.7 | 0.3 | 0.6% | 60.5% | 57.9 | 57.9 | 0.1 | 0.1% | 60.5% | 56.3 | 56.8 | 0.5 | 0.9% |
| 61.7% | 55.6 | 56.1 | 0.4 | 0.7% | 61.7% | 56.3 | 56.7 | 0.3 | 0.6% | 61.7% | 57.8 | 57.8 | 0.0 | 0.0% | 61.7% | 56.2 | 56.7 | 0.5 | 0.8% |
| 63.0% | 55.6 | 56.1 | 0.5 | 0.9% | 63.0% | 56.3 | 56.7 | 0.3 | 0.6% | 63.0% | 57.8 | 57.7 | 0.0 | 0.0% | 63.0% | 56.2 | 56.6 | 0.5 | 0.8% |
| 64.2% | 55.5 | 56.0 | 0.5 | 0.9% | 64.2% | 56.3 | 56.6 | 0.4 | 0.6% | 64.2% | 57.7 | 57.7 | 0.0 | -0.1% | 64.2% | 56.1 | 56.6 | 0.5 | 0.8% |
| 65.4% | 55.5 | 56.0 | 0.5 | 0.9% | 65.4% | 56.3 | 56.6 | 0.3 | 0.6% | 65.4% | 57.6 | 57.7 | 0.1 | 0.1% | 65.4% | 56.1 | 56.5 | 0.4 | 0.8% |
| 66.7% | 55.5 | 56.0 | 0.5 | 0.9% | 66.7% | 56.2 | 56.6 | 0.4 | 0.7% | 66.7% | 57.6 | 57.7 | 0.1 | 0.1% | 66.7% | 56.0 | 56.4 | 0.5 | 0.9% |
| 67.9% | 55.3 | 56.0 | 0.6 | 1.1% | 67.9% | 56.2 | 56.5 | 0.3 | 0.5% | 67.9% | 57.6 | 57.6 | 0.0 | 0.0% | 67.9% | 55.9 | 56.4 | 0.5 | 0.9% |
| 69.1% | 55.3 | 55.9 | 0.6 | 1.1% | 69.1% | 56.2 | 56.5 | 0.3 | 0.5% | 69.1% | 57.6 | 57.6 | 0.0 | 0.0% | 69.1% | 55.8 | 56.4 | 0.5 | 0.9% |
| 70.4% | 55.3 | 55.9 | 0.6 | 1.0% | 70.4% | 56.2 | 56.4 | 0.2 | 0.4% | 70.4% | 57.6 | 57.5 | 0.0 | -0.1% | 70.4% | 55.8 | 56.2 | 0.4 | 0.8% |
| 71.6% | 55.3 | 55.9 | 0.6 | 1.0% | 71.6% | 56.1 | 56.3 | 0.2 | 0.3% | 71.6% | 57.6 | 57.5 | -0.1 | -0.1% | 71.6% | 55.7 | 56.2 | 0.5 | 0.8% |
| 72.8% | 55.2 | 55.8 | 0.6 | 1.0% | 72.8% | 56.1 | 56.2 | 0.1 | 0.3% | 72.8% | 57.6 | 57.5 | -0.1 | -0.2% | 72.8% | 55.5 | 56.1 | 0.5 | 0.9% |
| 74.1% | 55.2 | 55.7 | 0.5 | 1.0% | 74.1% | 56.1 | 56.2 | 0.1 | 0.3% | 74.1% | 57.6 | 57.5 | -0.1 | -0.2% | 74.1% | 55.4 | 55.8 | 0.4 | 0.7% |
| 75.3% | 55.1 | 55.7 | 0.6 | 1.1% | 75.3% | 56.1 | 56.2 | 0.1 | 0.3% | 75.3% | 57.4 | 57.4 | 0.0 | 0.0% | 75.3% | 55.3 | 55.7 | 0.4 | 0.7% |
| 76.5% | 55.0 | 55.6 | 0.7 | 1.2% | 76.5% | 55.9 | 56.1 | 0.2 | 0.4% | 76.5% | 57.4 | 57.4 | 0.0 | 0.0% | 76.5% | 55.3 | 55.5 | 0.3 | 0.5% |
| 77.8% | 55.0 | 55.6 | 0.6 | 1.1% | 77.8% | 55.9 | 56.1 | 0.2 | 0.3% | 77.8% | 57.4 | 57.1 | -0.3 | -0.5% | 77.8% | 55.1 | 55.5 | 0.4 | 0.7% |
| 79.0% | 54.9 | 55.6 | 0.7 | 1.3% | 79.0% | 55.9 | 56.1 | 0.2 | 0.4% | 79.0% | 57.3 | 57.1 | -0.2 | -0.4% | 79.0% | 55.1 | 55.4 | 0.3 | 0.5% |
| 80.2% | 54.9 | 55.6 | 0.7 | 1.3% | 80.2% | 55.8 | 56.0 | 0.2 | 0.4% | 80.2% | 57.3 | 57.0 | -0.3 | -0.5% | 80.2% | 55.0 | 55.2 | 0.2 | 0.3% |
| 81.5% | 54.8 | 55.5 | 0.7 | 1.2% | 81.5% | 55.8 | 56.0 | 0.2 | 0.4% | 81.5% | 57.3 | 56.9 | -0.4 | -0.6% | 81.5% | 54.9 | 55.2 | 0.2 | 0.4% |
| 82.7% | 54.8 | 55.5 | 0.7 | 1.3% | 82.7% | 55.7 | 55.9 | 0.2 | 0.4% | 82.7% | 57.3 | 56.9 | -0.3 | -0.6% | 82.7% | 54.6 | 55.0 | 0.5 | 0.9% |
| 84.0% | 54.8 | 55.5 | 0.7 | 1.3% | 84.0% | 55.7 | 55.9 | 0.2 | 0.4% | 84.0% | 57.3 | 56.9 | -0.4 | -0.6% | 84.0% | 54.6 | 55.0 | 0.4 | 0.8% |
| 85.2% | 54.7 | 55.5 | 0.7 | 1.4% | 85.2% | 55.6 | 55.7 | 0.1 | 0.2% | 85.2% | 57.2 | 56.9 | -0.4 | -0.6% | 85.2% | 54.5 | 54.9 | 0.4 | 0.8% |
| 86.4% | 54.7 | 55.4 | 0.7 | 1.3% | 86.4% | 55.5 | 55.7 | 0.1 | 0.2% | 86.4% | 57.2 | 56.9 | -0.3 | -0.5% | 86.4% | 54.4 | 54.8 | 0.4 | 0.7% |
| 87.7% | 54.7 | 55.4 | 0.7 | 1.3% | 87.7% | 55.4 | 55.7 | 0.3 | 0.5% | 87.7% | 57.2 | 56.8 | -0.3 | -0.6% | 87.7% | 54.4 | 54.8 | 0.4 | 0.7% |
| 88.9% | 54.7 | 55.4 | 0.7 | 1.3% | 88.9% | 55.4 | 55.7 | 0.3 | 0.5% | 88.9% | 57.1 | 56.6 | -0.5 | -0.9% | 88.9% | 54.1 | 54.6 | 0.5 | 1.0% |
| 90.1% | 54.6 | 55.2 | 0.6 | 1.1% | 90.1% | 55.3 | 55.6 | 0.3 | 0.6% | 90.1% | 57.0 | 56.5 | -0.4 | -0.7% | 90.1% | 54.0 | 54.4 | 0.4 | 0.8% |
| 91.4% | 54.6 | 55.2 | 0.6 | 1.1% | 91.4% | 55.2 | 55.5 | 0.2 | 0.4% | 91.4% | 56.8 | 56.5 | -0.4 | -0.6% | 91.4% | 54.0 | 54.3 | 0.3 | 0.6% |
| 92.6% | 54.5 | 55.2 | 0.7 | 1.3% | 92.6% | 55.2 | 55.4 | 0.2 | 0.3% | 92.6% | 56.7 | 56.4 | -0.3 | -0.5% | 92.6% | 53.9 | 54.0 | 0.0 | 0.1% |
| 93.8% | 54.3 | 55.0 | 0.6 | 1.2% | 93.8% | 55.1 | 55.3 | 0.2 | 0.3% | 93.8% | 56.5 | 56.4 | 0.0 | -0.1% | 93.8% | 53.7 | 53.5 | -0.2 | -0.4% |
| 95.1% | 54.3 | 54.9 | 0.6 | 1.1% | 95.1% | 55.1 | 55.2 | 0.1 | 0.2% | 95.1% | 55.8 | 56.4 | 0.6 | 1.0% | 95.1% | 53.6 | 53.5 | -0.2 | -0.3% |
| 96.3% | 54.2 | 54.8 | 0.6 | 1.2% | 96.3% | 55.0 | 55.1 | 0.2 | 0.3% | 96.3% | 55.6 | 56.3 | 0.7 | 1.3% | 96.3% | 53.0 | 53.2 | 0.2 | 0.3% |
| 97.5% | 54.2 | 54.7 | 0.6 | 1.0% | 97.5% | 54.9 | 55.1 | 0.2 | 0.3% | 97.5% | 55.5 | 56.3 | 0.8 | 1.4% | 97.5% | 52.7 | 53.0 | 0.3 | 0.5% |
| 98.8% | 54.0 | 54.6 | 0.6 | 1.1% | 98.8% | 54.9 | 55.0 | 0.1 | 0.2% | 98.8% | 55.4 | 56.0 | 0.7 | 1.2% | 98.8% | 52.7 | 52.8 | 0.1 | 0.2% |
| 100.0% | 54.0 | 54.6 | 0.6 | 1.1% | 100.0% | 54.9 | 55.0 | 0.1 | 0.2% | 100.0% | 55.4 | 56.0 | 0.7 | 1.2% | 100.0% | 52.7 | 52.8 | 0.1 | 0.2% |

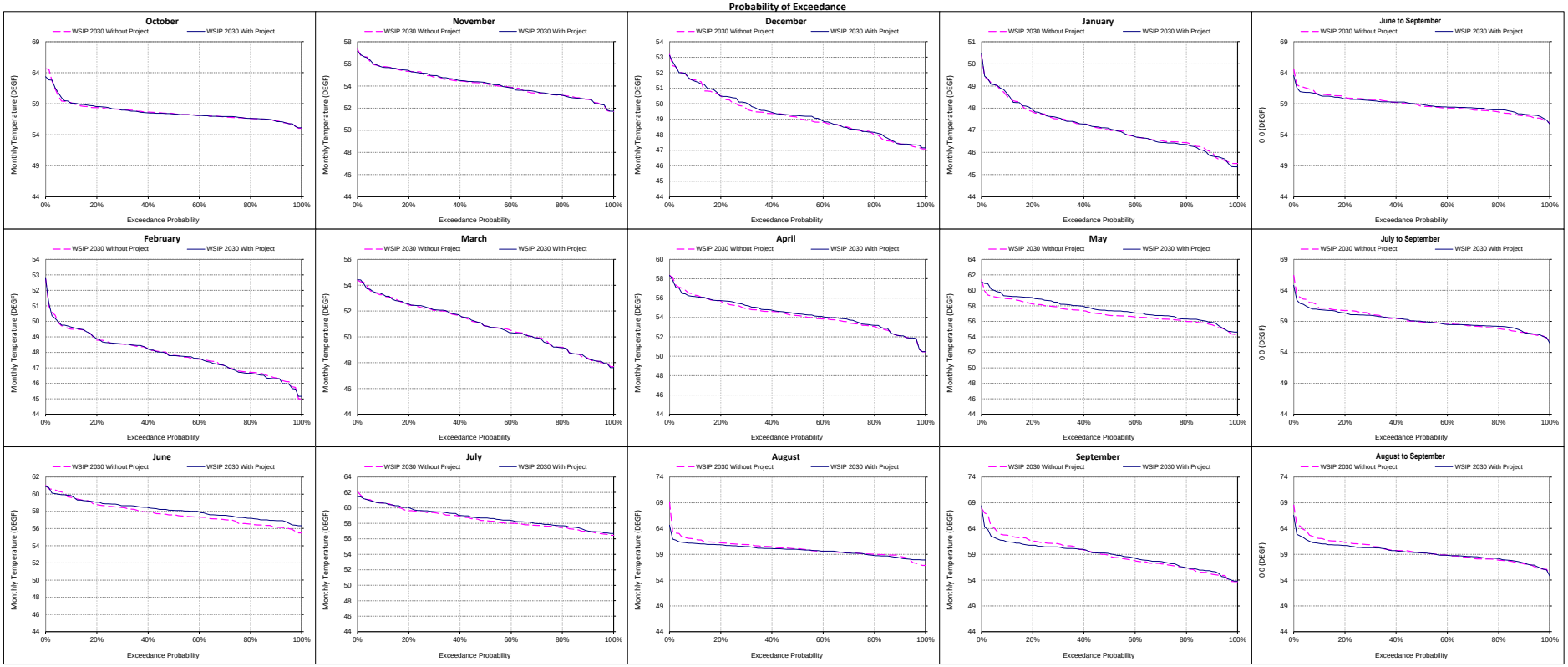
## Table SQ6-1b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

| June to September | | | | | July to September | | | | | August to September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 63.3 | 62.0 | -1.2 | -2.0% | 0.0% | 65.2 | 63.5 | -1.7 | -2.5% | 0.0% | 67.4 | 65.4 | -2.1 | -3.0% |
| 1.2% | 60.3 | 59.7 | -0.6 | -1.1% | 1.2% | 61.6 | 60.5 | -1.0 | -1.7% | 1.2% | 63.4 | 61.0 | -2.4 | -3.7% |
| 2.5% | 60.3 | 59.2 | -1.0 | -1.7% | 2.5% | 61.5 | 60.1 | -1.4 | -2.2% | 2.5% | 62.7 | 61.0 | -1.8 | -2.8% |
| 3.7% | 59.9 | 59.2 | -0.7 | -1.2% | 3.7% | 60.7 | 60.1 | -0.6 | -1.0% | 3.7% | 61.9 | 60.5 | -1.3 | -2.2% |
| 4.9% | 59.6 | 59.1 | -0.5 | -0.9% | 4.9% | 60.7 | 59.7 | -1.0 | -1.7% | 4.9% | 61.7 | 60.1 | -1.6 | -2.6% |
| 6.2% | 59.5 | 59.1 | -0.4 | -0.7% | 6.2% | 60.1 | 59.5 | -0.7 | -1.1% | 6.2% | 60.7 | 59.8 | -1.0 | -1.6% |
| 7.4% | 59.4 | 59.0 | -0.4 | -0.7% | 7.4% | 60.1 | 59.4 | -0.7 | -1.2% | 7.4% | 60.7 | 59.7 | -1.0 | -1.6% |
| 8.6% | 59.0 | 58.9 | -0.1 | -0.2% | 8.6% | 60.0 | 59.2 | -0.8 | -1.3% | 8.6% | 60.2 | 59.4 | -0.8 | -1.3% |
| 9.9% | 58.9 | 58.7 | -0.2 | -0.3% | 9.9% | 59.4 | 59.2 | -0.3 | -0.4% | 9.9% | 60.2 | 59.4 | -0.8 | -1.4% |
| 11.1% | 58.9 | 58.6 | -0.2 | -0.4% | 11.1% | 59.4 | 59.2 | -0.2 | -0.4% | 11.1% | 60.1 | 59.3 | -0.8 | -1.3% |
| 12.3% | 58.8 | 58.6 | -0.2 | -0.3% | 12.3% | 59.4 | 59.1 | -0.2 | -0.4% | 12.3% | 59.9 | 59.3 | -0.7 | -1.1% |
| 13.6% | 58.7 | 58.6 | -0.1 | -0.2% | 13.6% | 59.2 | 59.1 | -0.2 | -0.3% | 13.6% | 59.9 | 59.2 | -0.7 | -1.2% |
| 14.8% | 58.7 | 58.6 | -0.1 | -0.2% | 14.8% | 59.2 | 59.1 | -0.2 | -0.3% | 14.8% | 59.9 | 59.1 | -0.7 | -1.2% |
| 16.0% | 58.7 | 58.4 | -0.3 | -0.5% | 16.0% | 59.2 | 59.0 | -0.2 | -0.3% | 16.0% | 59.7 | 59.1 | -0.6 | -1.0% |
| 17.3% | 58.6 | 58.4 | -0.3 | -0.4% | 17.3% | 59.1 | 58.9 | -0.3 | -0.4% | 17.3% | 59.7 | 59.1 | -0.7 | -1.1% |
| 18.5% | 58.6 | 58.3 | -0.3 | -0.5% | 18.5% | 59.0 | 58.7 | -0.3 | -0.5% | 18.5% | 59.6 | 59.1 | -0.5 | -0.9% |
| 19.8% | 58.3 | 58.3 | 0.0 | -0.1% | 19.8% | 59.0 | 58.7 | -0.3 | -0.5% | 19.8% | 59.5 | 59.0 | -0.5 | -0.8% |
| 21.0% | 58.3 | 58.0 | -0.3 | -0.4% | 21.0% | 59.0 | 58.6 | -0.4 | -0.7% | 21.0% | 59.4 | 59.0 | -0.4 | -0.7% |
| 22.2% | 58.2 | 58.0 | -0.2 | -0.4% | 22.2% | 58.9 | 58.4 | -0.5 | -0.9% | 22.2% | 59.4 | 58.9 | -0.5 | -0.8% |
| 23.5% | 58.2 | 58.0 | -0.2 | -0.3% | 23.5% | 58.9 | 58.4 | -0.5 | -0.8% | 23.5% | 59.3 | 58.9 | -0.4 | -0.6% |
| 24.7% | 58.2 | 58.0 | -0.2 | -0.3% | 24.7% | 58.9 | 58.4 | -0.5 | -0.8% | 24.7% | 59.2 | 58.8 | -0.4 | -0.7% |
| 25.9% | 58.1 | 58.0 | -0.2 | -0.3% | 25.9% | 58.8 | 58.4 | -0.4 | -0.8% | 25.9% | 59.2 | 58.7 | -0.5 | -0.9% |
| 27.2% | 58.1 | 58.0 | -0.1 | -0.3% | 27.2% | 58.8 | 58.4 | -0.4 | -0.7% | 27.2% | 59.2 | 58.6 | -0.5 | -0.9% |
| 28.4% | 58.0 | 58.0 | -0.1 | -0.1% | 28.4% | 58.7 | 58.4 | -0.3 | -0.5% | 28.4% | 59.1 | 58.6 | -0.5 | -0.8% |
| 29.6% | 58.0 | 57.9 | -0.1 | -0.1% | 29.6% | 58.4 | 58.3 | -0.1 | -0.2% | 29.6% | 59.1 | 58.6 | -0.5 | -0.8% |
| 30.9% | 58.0 | 57.9 | -0.1 | -0.2% | 30.9% | 58.3 | 58.3 | -0.1 | -0.1% | 30.9% | 58.8 | 58.6 | -0.2 | -0.3% |
| 32.1% | 58.0 | 57.7 | -0.2 | -0.4% | 32.1% | 58.3 | 58.3 | -0.1 | -0.1% | 32.1% | 58.7 | 58.6 | -0.1 | -0.2% |
| 33.3% | 57.9 | 57.7 | -0.2 | -0.4% | 33.3% | 58.3 | 58.2 | -0.1 | -0.1% | 33.3% | 58.6 | 58.6 | -0.1 | -0.1% |
| 34.6% | 57.9 | 57.7 | -0.2 | -0.4% | 34.6% | 57.9 | 58.1 | 0.2 | 0.3% | 34.6% | 58.5 | 58.6 | 0.1 | 0.1% |
| 35.8% | 57.7 | 57.7 | 0.0 | 0.0% | 35.8% | 57.9 | 58.0 | 0.2 | 0.3% | 35.8% | 58.3 | 58.4 | 0.0 | 0.1% |
| 37.0% | 57.6 | 57.7 | 0.0 | 0.1% | 37.0% | 57.9 | 58.0 | 0.2 | 0.3% | 37.0% | 58.3 | 58.2 | -0.2 | -0.3% |
| 38.3% | 57.6 | 57.7 | 0.1 | 0.1% | 38.3% | 57.8 | 57.9 | 0.1 | 0.1% | 38.3% | 58.3 | 58.1 | -0.2 | -0.4% |
| 39.5% | 57.6 | 57.7 | 0.1 | 0.2% | 39.5% | 57.8 | 57.9 | 0.1 | 0.1% | 39.5% | 58.1 | 58.0 | -0.1 | -0.1% |
| 40.7% | 57.5 | 57.6 | 0.1 | 0.2% | 40.7% | 57.8 | 57.8 | 0.0 | 0.0% | 40.7% | 58.0 | 57.9 | 0.0 | -0.1% |
| 42.0% | 57.5 | 57.6 | 0.1 | 0.2% | 42.0% | 57.8 | 57.8 | 0.0 | -0.1% | 42.0% | 58.0 | 57.9 | -0.1 | -0.2% |
| 43.2% | 57.5 | 57.6 | 0.1 | 0.2% | 43.2% | 57.8 | 57.7 | -0.1 | -0.2% | 43.2% | 58.0 | 57.9 | -0.1 | -0.2% |
| 44.4% | 57.4 | 57.6 | 0.2 | 0.3% | 44.4% | 57.5 | 57.6 | 0.2 | 0.3% | 44.4% | 57.9 | 57.8 | -0.1 | -0.1% |
| 45.7% | 57.4 | 57.5 | 0.1 | 0.1% | 45.7% | 57.4 | 57.6 | 0.2 | 0.4% | 45.7% | 57.9 | 57.8 | -0.1 | -0.1% |
| 46.9% | 57.4 | 57.4 | 0.0 | 0.0% | 46.9% | 57.4 | 57.5 | 0.2 | 0.3% | 46.9% | 57.8 | 57.8 | 0.0 | -0.1% |
| 48.1% | 57.2 | 57.3 | 0.1 | 0.2% | 48.1% | 57.3 | 57.5 | 0.1 | 0.3% | 48.1% | 57.7 | 57.8 | 0.1 | 0.1% |
| 49.4% | 57.0 | 57.2 | 0.2 | 0.3% | 49.4% | 57.3 | 57.4 | 0.1 | 0.2% | 49.4% | 57.7 | 57.6 | 0.0 | -0.1% |
| 50.6% | 57.0 | 57.2 | 0.2 | 0.3% | 50.6% | 57.3 | 57.3 | 0.1 | 0.1% | 50.6% | 57.7 | 57.6 | -0.1 | -0.1% |
| 51.9% | 56.9 | 57.1 | 0.2 | 0.3% | 51.9% | 57.2 | 57.2 | 0.0 | 0.0% | 51.9% | 57.6 | 57.6 | 0.0 | 0.0% |
| 53.1% | 56.9 | 57.1 | 0.2 | 0.4% | 53.1% | 57.2 | 57.2 | 0.0 | 0.1% | 53.1% | 57.6 | 57.5 | 0.0 | 0.0% |
| 54.3% | 56.8 | 57.0 | 0.2 | 0.3% | 54.3% | 57.1 | 57.1 | 0.0 | 0.0% | 54.3% | 57.5 | 57.4 | -0.1 | -0.2% |
| 55.6% | 56.8 | 57.0 | 0.2 | 0.3% | 55.6% | 57.1 | 57.1 | 0.0 | 0.0% | 55.6% | 57.5 | 57.4 | -0.2 | -0.3% |
| 56.8% | 56.8 | 56.9 | 0.2 | 0.3% | 56.8% | 57.1 | 57.1 | 0.0 | 0.0% | 56.8% | 57.4 | 57.3 | -0.1 | -0.1% |
| 58.0% | 56.7 | 56.9 | 0.2 | 0.3% | 58.0% | 57.1 | 57.1 | 0.0 | 0.0% | 58.0% | 57.3 | 57.3 | 0.0 | 0.0% |
| 59.3% | 56.7 | 56.9 | 0.2 | 0.3% | 59.3% | 57.0 | 57.0 | 0.0 | 0.0% | 59.3% | 57.2 | 57.3 | 0.1 | 0.2% |
| 60.5% | 56.6 | 56.9 | 0.2 | 0.4% | 60.5% | 57.0 | 57.0 | 0.0 | -0.1% | 60.5% | 57.1 | 57.2 | 0.1 | 0.1% |
| 61.7% | 56.6 | 56.8 | 0.2 | 0.4% | 61.7% | 57.0 | 57.0 | 0.0 | -0.1% | 61.7% | 57.1 | 57.2 | 0.1 | 0.2% |
| 63.0% | 56.6 | 56.8 | 0.3 | 0.4% | 63.0% | 56.9 | 57.0 | 0.1 | 0.2% | 63.0% | 57.0 | 57.2 | 0.2 | 0.3% |
| 64.2% | 56.6 | 56.8 | 0.2 | 0.4% | 64.2% | 56.8 | 56.9 | 0.1 | 0.2% | 64.2% | 57.0 | 57.2 | 0.2 | 0.3% |
| 65.4% | 56.6 | 56.8 | 0.2 | 0.4% | 65.4% | 56.7 | 56.9 | 0.1 | 0.2% | 65.4% | 57.0 | 57.1 | 0.1 | 0.2% |
| 66.7% | 56.5 | 56.8 | 0.3 | 0.5% | 66.7% | 56.7 | 56.9 | 0.1 | 0.3% | 66.7% | 56.9 | 57.1 | 0.2 | 0.3% |
| 67.9% | 56.5 | 56.8 | 0.3 | 0.5% | 67.9% | 56.7 | 56.8 | 0.1 | 0.2% | 67.9% | 56.9 | 57.0 | 0.1 | 0.2% |
| 69.1% | 56.4 | 56.7 | 0.3 | 0.5% | 69.1% | 56.7 | 56.8 | 0.1 | 0.2% | 69.1% | 56.8 | 57.0 | 0.2 | 0.4% |
| 70.4% | 56.4 | 56.7 | 0.3 | 0.5% | 70.4% | 56.7 | 56.8 | 0.1 | 0.2% | 70.4% | 56.7 | 57.0 | 0.2 | 0.4% |
| 71.6% | 56.4 | 56.6 | 0.2 | 0.4% | 71.6% | 56.6 | 56.8 | 0.1 | 0.2% | 71.6% | 56.7 | 56.9 | 0.2 | 0.4% |
| 72.8% | 56.3 | 56.6 | 0.3 | 0.5% | 72.8% | 56.6 | 56.7 | 0.1 | 0.2% | 72.8% | 56.6 | 56.9 | 0.2 | 0.4% |
| 74.1% | 56.3 | 56.6 | 0.2 | 0.4% | 74.1% | 56.5 | 56.7 | 0.1 | 0.3% | 74.1% | 56.5 | 56.8 | 0.3 | 0.5% |
| 75.3% | 56.3 | 56.5 | 0.2 | 0.4% | 75.3% | 56.5 | 56.7 | 0.2 | 0.3% | 75.3% | 56.5 | 56.8 | 0.3 | 0.6% |
| 76.5% | 56.3 | 56.5 | 0.2 | 0.3% | 76.5% | 56.5 | 56.7 | 0.2 | 0.4% | 76.5% | 56.5 | 56.8 | 0.3 | 0.5% |
| 77.8% | 56.3 | 56.5 | 0.2 | 0.3% | 77.8% | 56.4 | 56.7 | 0.2 | 0.4% | 77.8% | 56.5 | 56.7 | 0.2 | 0.4% |
| 79.0% | 56.0 | 56.4 | 0.4 | 0.6% | 79.0% | 56.4 | 56.6 | 0.3 | 0.5% | 79.0% | 56.4 | 56.6 | 0.3 | 0.5% |
| 80.2% | 56.0 | 56.4 | 0.3 | 0.6% | 80.2% | 56.3 | 56.6 | 0.2 | 0.4% | 80.2% | 56.3 | 56.6 | 0.3 | 0.5% |
| 81.5% | 56.0 | 56.3 | 0.3 | 0.6% | 81.5% | 56.2 | 56.5 | 0.3 | 0.5% | 81.5% | 56.3 | 56.6 | 0.3 | 0.5% |
| 82.7% | 55.8 | 56.3 | 0.5 | 0.8% | 82.7% | 56.0 | 56.5 | 0.4 | 0.8% | 82.7% | 56.2 | 56.4 | 0.2 | 0.3% |
| 84.0% | 55.8 | 56.3 | 0.5 | 0.9% | 84.0% | 56.0 | 56.5 | 0.4 | 0.8% | 84.0% | 56.2 | 56.4 | 0.2 | 0.4% |
| 85.2% | 55.8 | 56.2 | 0.4 | 0.8% | 85.2% | 55.9 | 56.4 | 0.6 | 1.0% | 85.2% | 56.1 | 56.2 | 0.1 | 0.2% |
| 86.4% | 55.7 | 56.0 | 0.3 | 0.5% | 86.4% | 55.8 | 56.3 | 0.4 | 0.8% | 86.4% | 56.0 | 56.2 | 0.2 | 0.3% |
| 87.7% | 55.7 | 55.8 | 0.1 | 0.2% | 87.7% | 55.8 | 56.2 | 0.3 | 0.6% | 87.7% | 55.8 | 56.1 | 0.2 | 0.4% |
| 88.9% | 55.6 | 55.7 | 0.2 | 0.3% | 88.9% | 55.8 | 55.7 | -0.1 | -0.1% | 88.9% | 55.8 | 55.8 | 0.0 | 0.0% |
| 90.1% | 55.5 | 55.7 | 0.2 | 0.4% | 90.1% | 55.7 | 55.6 | -0.1 | -0.2% | 90.1% | 55.8 | 55.8 | 0.0 | 0.0% |
| 91.4% | 55.5 | 55.7 | 0.2 | 0.3% | 91.4% | 55.6 | 55.6 | 0.0 | -0.1% | 91.4% | 55.6 | 55.6 | 0.0 | 0.0% |
| 92.6% | 55.4 | 55.6 | 0.2 | 0.4% | 92.6% | 55.3 | 55.5 | 0.2 | 0.3% | 92.6% | 55.4 | 55.4 | 0.0 | 0.0% |
| 93.8% | 55.2 | 55.6 | 0.4 | 0.7% | 93.8% | 55.3 | 55.5 | 0.2 | 0.3% | 93.8% | 55.2 | 55.2 | 0.0 | 0.0% |
| 95.1% | 55.1 | 55.6 | 0.5 | 0.8% | 95.1% | 55.3 | 55.3 | 0.1 | 0.1% | 95.1% | 54.9 | 55.1 | 0.2 | 0.4% |
| 96.3% | 55.1 | 55.3 | 0.2 | 0.4% | 96.3% | 55.3 | 55.2 | 0.0 | -0.1% | 96.3% | 54.9 | 54.9 | 0.1 | 0.2% |
| 97.5% | 54.9 | 55.1 | 0.2 | 0.4% | 97.5% | 55.1 | 55.0 | -0.1 | -0.2% | 97.5% | 54.8 | 54.7 | 0.0 | 0.0% |
| 98.8% | 54.7 | 54.9 | 0.1 | 0.3% | 98.8% | 54.9 | 55.0 | 0.1 | 0.2% | 98.8% | 54.7 | 54.6 | -0.1 | -0.2% |
| 100.0% | 54.5 | 54.3 | -0.1 | -0.2% | 100.0% | 54.4 | 54.2 | -0.3 | -0.5% | 100.0% | 54.0 | 53.6 | -0.4 | -0.7% |

**Figure SQ7-1b**
**Sacramento River at Red Bluff, Monthly Temperature**
**Probability of Exceedance**



## Table SQ7-1b

**Sacramento River at Red Bluff, Monthly Temperature**

**Probability of Exceedance**

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 64.6 | 63.4 | -1.3 | -2.0% | 0.0% | 57.3 | 57.1 | -0.2 | -0.3% | 0.0% | 53.2 | 53.1 | -0.1 | -0.1% | 0.0% | 50.4 | 50.5 | 0.1 | 0.1% |
| 1.2% | 64.6 | 62.8 | -1.7 | -2.7% | 1.2% | 56.8 | 56.8 | 0.0 | 0.1% | 1.2% | 52.5 | 52.7 | 0.3 | 0.5% | 1.2% | 49.4 | 49.4 | 0.0 | 0.1% |
| 2.5% | 62.7 | 62.8 | 0.1 | 0.2% | 2.5% | 56.6 | 56.7 | 0.0 | 0.0% | 2.5% | 52.4 | 52.4 | 0.0 | 0.0% | 2.5% | 49.3 | 49.3 | 0.0 | 0.1% |
| 3.7% | 61.4 | 61.6 | 0.2 | 0.3% | 3.7% | 56.6 | 56.5 | -0.1 | -0.1% | 3.7% | 52.0 | 52.0 | 0.0 | -0.1% | 3.7% | 49.2 | 49.1 | -0.1 | -0.1% |
| 4.9% | 60.2 | 60.7 | 0.5 | 0.8% | 4.9% | 56.2 | 56.4 | 0.2 | 0.3% | 4.9% | 52.0 | 52.0 | 0.0 | 0.0% | 4.9% | 49.1 | 49.1 | 0.0 | 0.0% |
| 6.2% | 59.4 | 59.9 | 0.5 | 0.9% | 6.2% | 55.9 | 56.0 | 0.1 | 0.1% | 6.2% | 51.9 | 52.0 | 0.0 | 0.1% | 6.2% | 49.0 | 49.0 | 0.0 | 0.1% |
| 7.4% | 59.4 | 59.5 | 0.1 | 0.1% | 7.4% | 55.9 | 55.9 | 0.0 | 0.0% | 7.4% | 51.6 | 51.7 | 0.1 | 0.1% | 7.4% | 48.8 | 48.9 | 0.1 | 0.2% |
| 8.6% | 59.3 | 59.4 | 0.2 | 0.3% | 8.6% | 55.8 | 55.8 | 0.0 | -0.1% | 8.6% | 51.5 | 51.5 | 0.0 | 0.0% | 8.6% | 48.7 | 48.8 | 0.1 | 0.2% |
| 9.9% | 59.2 | 59.1 | -0.1 | -0.1% | 9.9% | 55.8 | 55.7 | -0.1 | -0.2% | 9.9% | 51.5 | 51.5 | -0.1 | -0.2% | 9.9% | 48.6 | 48.7 | 0.1 | 0.3% |
| 11.1% | 58.9 | 59.1 | 0.1 | 0.3% | 11.1% | 55.7 | 55.7 | -0.1 | -0.1% | 11.1% | 51.5 | 51.4 | -0.1 | -0.2% | 11.1% | 48.4 | 48.5 | 0.1 | 0.1% |
| 12.3% | 58.9 | 59.0 | 0.1 | 0.2% | 12.3% | 55.7 | 55.7 | 0.0 | -0.1% | 12.3% | 51.4 | 51.3 | -0.1 | -0.2% | 12.3% | 48.3 | 48.3 | -0.1 | -0.2% |
| 13.6% | 58.7 | 58.9 | 0.2 | 0.4% | 13.6% | 55.7 | 55.6 | 0.0 | -0.1% | 13.6% | 50.8 | 51.2 | 0.4 | 0.8% | 13.6% | 48.3 | 48.3 | 0.0 | -0.1% |
| 14.8% | 58.6 | 58.9 | 0.3 | 0.5% | 14.8% | 55.6 | 55.6 | 0.0 | 0.0% | 14.8% | 50.8 | 51.0 | 0.2 | 0.3% | 14.8% | 48.3 | 48.2 | 0.0 | -0.1% |
| 16.0% | 58.5 | 58.8 | 0.2 | 0.4% | 16.0% | 55.5 | 55.5 | 0.1 | 0.1% | 16.0% | 50.8 | 51.0 | 0.2 | 0.3% | 16.0% | 48.1 | 48.1 | 0.0 | 0.1% |
| 17.3% | 58.4 | 58.7 | 0.3 | 0.5% | 17.3% | 55.4 | 55.5 | 0.1 | 0.1% | 17.3% | 50.7 | 50.9 | 0.2 | 0.4% | 17.3% | 47.9 | 48.1 | 0.2 | 0.3% |
| 18.5% | 58.4 | 58.7 | 0.3 | 0.5% | 18.5% | 55.3 | 55.4 | 0.1 | 0.2% | 18.5% | 50.7 | 50.7 | 0.1 | 0.1% | 18.5% | 47.9 | 48.0 | 0.2 | 0.3% |
| 19.8% | 58.4 | 58.5 | 0.2 | 0.3% | 19.8% | 55.3 | 55.4 | 0.1 | 0.2% | 19.8% | 50.5 | 50.5 | 0.0 | 0.0% | 19.8% | 47.8 | 48.0 | 0.1 | 0.2% |
| 21.0% | 58.3 | 58.5 | 0.2 | 0.3% | 21.0% | 55.3 | 55.3 | 0.0 | -0.1% | 21.0% | 50.4 | 50.5 | 0.1 | 0.2% | 21.0% | 47.8 | 47.8 | 0.1 | 0.1% |
| 22.2% | 58.3 | 58.5 | 0.1 | 0.2% | 22.2% | 55.3 | 55.3 | 0.0 | 0.0% | 22.2% | 50.3 | 50.5 | 0.2 | 0.4% | 22.2% | 47.8 | 47.8 | 0.1 | 0.1% |
| 23.5% | 58.2 | 58.5 | 0.3 | 0.5% | 23.5% | 55.3 | 55.2 | -0.1 | -0.1% | 23.5% | 50.2 | 50.4 | 0.2 | 0.4% | 23.5% | 47.7 | 47.8 | 0.0 | 0.0% |
| 24.7% | 58.1 | 58.3 | 0.2 | 0.4% | 24.7% | 55.3 | 55.2 | -0.1 | -0.2% | 24.7% | 50.0 | 50.4 | 0.3 | 0.7% | 24.7% | 47.7 | 47.7 | 0.0 | -0.1% |
| 25.9% | 58.1 | 58.2 | 0.1 | 0.1% | 25.9% | 55.0 | 55.2 | 0.2 | 0.3% | 25.9% | 50.0 | 50.4 | 0.4 | 0.7% | 25.9% | 47.6 | 47.6 | 0.0 | 0.1% |
| 27.2% | 58.1 | 58.1 | 0.0 | 0.0% | 27.2% | 54.9 | 55.1 | 0.2 | 0.3% | 27.2% | 49.9 | 50.1 | 0.2 | 0.5% | 27.2% | 47.6 | 47.6 | 0.0 | 0.1% |
| 28.4% | 58.1 | 58.1 | 0.0 | 0.0% | 28.4% | 54.9 | 55.0 | 0.0 | 0.1% | 28.4% | 49.9 | 50.1 | 0.3 | 0.5% | 28.4% | 47.5 | 47.6 | 0.1 | 0.2% |
| 29.6% | 58.0 | 58.0 | 0.0 | -0.1% | 29.6% | 54.8 | 54.9 | 0.1 | 0.2% | 29.6% | 49.7 | 50.1 | 0.3 | 0.7% | 29.6% | 47.5 | 47.6 | 0.1 | 0.1% |
| 30.9% | 58.0 | 58.0 | 0.0 | -0.1% | 30.9% | 54.8 | 54.9 | 0.1 | 0.2% | 30.9% | 49.6 | 50.0 | 0.4 | 0.8% | 30.9% | 47.5 | 47.5 | 0.0 | 0.0% |
| 32.1% | 58.0 | 57.9 | -0.1 | -0.1% | 32.1% | 54.8 | 54.8 | 0.0 | 0.1% | 32.1% | 49.5 | 49.8 | 0.3 | 0.6% | 32.1% | 47.5 | 47.5 | -0.1 | -0.1% |
| 33.3% | 58.0 | 57.8 | -0.1 | -0.2% | 33.3% | 54.6 | 54.8 | 0.1 | 0.2% | 33.3% | 49.5 | 49.7 | 0.3 | 0.5% | 33.3% | 47.5 | 47.4 | 0.0 | -0.1% |
| 34.6% | 57.9 | 57.8 | -0.1 | -0.2% | 34.6% | 54.6 | 54.7 | 0.1 | 0.3% | 34.6% | 49.5 | 49.6 | 0.2 | 0.3% | 34.6% | 47.4 | 47.4 | 0.0 | -0.1% |
| 35.8% | 57.8 | 57.8 | 0.0 | 0.0% | 35.8% | 54.6 | 54.7 | 0.1 | 0.2% | 35.8% | 49.5 | 49.6 | 0.1 | 0.2% | 35.8% | 47.4 | 47.4 | 0.0 | 0.1% |
| 37.0% | 57.8 | 57.6 | -0.2 | -0.3% | 37.0% | 54.5 | 54.7 | 0.1 | 0.2% | 37.0% | 49.4 | 49.6 | 0.1 | 0.3% | 37.0% | 47.3 | 47.4 | 0.1 | 0.1% |
| 38.3% | 57.7 | 57.6 | -0.1 | -0.1% | 38.3% | 54.5 | 54.6 | 0.1 | 0.2% | 38.3% | 49.4 | 49.5 | 0.1 | 0.3% | 38.3% | 47.3 | 47.3 | 0.0 | 0.0% |
| 39.5% | 57.7 | 57.5 | -0.1 | -0.3% | 39.5% | 54.4 | 54.5 | 0.1 | 0.1% | 39.5% | 49.4 | 49.5 | 0.1 | 0.2% | 39.5% | 47.3 | 47.3 | 0.0 | 0.0% |
| 40.7% | 57.6 | 57.5 | -0.1 | -0.2% | 40.7% | 54.4 | 54.5 | 0.0 | 0.1% | 40.7% | 49.4 | 49.4 | 0.0 | 0.1% | 40.7% | 47.3 | 47.3 | 0.0 | 0.0% |
| 42.0% | 57.6 | 57.5 | -0.1 | -0.2% | 42.0% | 54.4 | 54.5 | 0.0 | 0.1% | 42.0% | 49.4 | 49.4 | 0.0 | 0.0% | 42.0% | 47.2 | 47.2 | 0.0 | -0.1% |
| 43.2% | 57.6 | 57.5 | -0.1 | -0.2% | 43.2% | 54.4 | 54.4 | 0.0 | 0.1% | 43.2% | 49.4 | 49.3 | 0.0 | 0.0% | 43.2% | 47.2 | 47.2 | 0.0 | -0.1% |
| 44.4% | 57.6 | 57.5 | -0.1 | -0.2% | 44.4% | 54.3 | 54.4 | 0.1 | 0.2% | 44.4% | 49.3 | 49.3 | 0.0 | 0.0% | 44.4% | 47.1 | 47.2 | 0.0 | 0.1% |
| 45.7% | 57.5 | 57.4 | 0.0 | -0.1% | 45.7% | 54.3 | 54.4 | 0.1 | 0.2% | 45.7% | 49.2 | 49.3 | 0.1 | 0.1% | 45.7% | 47.1 | 47.1 | 0.0 | 0.1% |
| 46.9% | 57.5 | 57.4 | -0.1 | -0.1% | 46.9% | 54.3 | 54.4 | 0.1 | 0.2% | 46.9% | 49.2 | 49.3 | 0.1 | 0.2% | 46.9% | 47.1 | 47.1 | 0.0 | 0.1% |
| 48.1% | 57.5 | 57.4 | -0.1 | -0.1% | 48.1% | 54.3 | 54.4 | 0.1 | 0.2% | 48.1% | 49.2 | 49.2 | 0.1 | 0.2% | 48.1% | 47.0 | 47.1 | 0.1 | 0.2% |
| 49.4% | 57.5 | 57.4 | -0.1 | -0.2% | 49.4% | 54.2 | 54.3 | 0.1 | 0.2% | 49.4% | 49.2 | 49.2 | 0.1 | 0.2% | 49.4% | 47.0 | 47.1 | 0.1 | 0.2% |
| 50.6% | 57.3 | 57.3 | 0.0 | 0.0% | 50.6% | 54.2 | 54.3 | 0.1 | 0.1% | 50.6% | 49.0 | 49.2 | 0.2 | 0.4% | 50.6% | 47.0 | 47.0 | 0.0 | 0.1% |
| 51.9% | 57.3 | 57.3 | 0.0 | 0.0% | 51.9% | 54.1 | 54.2 | 0.1 | 0.2% | 51.9% | 49.0 | 49.2 | 0.2 | 0.4% | 51.9% | 47.0 | 47.0 | 0.0 | 0.1% |
| 53.1% | 57.2 | 57.2 | 0.0 | 0.0% | 53.1% | 54.0 | 54.1 | 0.1 | 0.1% | 53.1% | 48.9 | 49.2 | 0.3 | 0.5% | 53.1% | 47.0 | 47.0 | 0.0 | 0.0% |
| 54.3% | 57.2 | 57.2 | 0.0 | 0.0% | 54.3% | 54.0 | 54.1 | 0.1 | 0.2% | 54.3% | 48.9 | 49.2 | 0.2 | 0.5% | 54.3% | 47.0 | 46.9 | 0.0 | -0.1% |
| 55.6% | 57.2 | 57.2 | 0.0 | 0.0% | 55.6% | 54.0 | 54.1 | 0.1 | 0.2% | 55.6% | 48.9 | 49.2 | 0.3 | 0.6% | 55.6% | 47.0 | 46.9 | -0.1 | -0.2% |
| 56.8% | 57.2 | 57.2 | 0.0 | 0.0% | 56.8% | 54.0 | 54.0 | 0.0 | 0.0% | 56.8% | 48.8 | 49.1 | 0.2 | 0.5% | 56.8% | 46.8 | 46.8 | 0.0 | 0.0% |
| 58.0% | 57.2 | 57.1 | -0.1 | -0.1% | 58.0% | 54.0 | 53.9 | -0.1 | -0.1% | 58.0% | 48.8 | 49.1 | 0.2 | 0.5% | 58.0% | 46.8 | 46.8 | 0.0 | 0.1% |
| 59.3% | 57.1 | 57.1 | 0.0 | 0.0% | 59.3% | 53.9 | 53.9 | 0.0 | 0.0% | 59.3% | 48.8 | 49.0 | 0.1 | 0.3% | 59.3% | 46.7 | 46.7 | 0.0 | 0.0% |
| 60.5% | 57.1 | 57.1 | 0.0 | 0.0% | 60.5% | 53.9 | 53.8 | 0.0 | -0.1% | 60.5% | 48.8 | 48.8 | 0.0 | 0.1% | 60.5% | 46.7 | 46.7 | 0.0 | 0.0% |
| 61.7% | 57.1 | 57.1 | -0.1 | -0.1% | 61.7% | 53.8 | 53.6 | -0.2 | -0.3% | 61.7% | 48.7 | 48.8 | 0.1 | 0.2% | 61.7% | 46.7 | 46.7 | 0.0 | 0.0% |
| 63.0% | 57.1 | 57.1 | -0.1 | -0.1% | 63.0% | 53.8 | 53.6 | -0.2 | -0.3% | 63.0% | 48.7 | 48.8 | 0.1 | 0.1% | 63.0% | 46.7 | 46.7 | 0.0 | 0.0% |
| 64.2% | 57.0 | 57.0 | 0.0 | 0.0% | 64.2% | 53.7 | 53.6 | -0.1 | -0.1% | 64.2% | 48.7 | 48.7 | 0.0 | 0.0% | 64.2% | 46.6 | 46.6 | 0.0 | 0.1% |
| 65.4% | 57.0 | 57.0 | 0.0 | -0.1% | 65.4% | 53.5 | 53.6 | 0.1 | 0.2% | 65.4% | 48.6 | 48.7 | 0.0 | 0.0% | 65.4% | 46.6 | 46.6 | 0.0 | 0.1% |
| 66.7% | 57.0 | 57.0 | 0.0 | -0.1% | 66.7% | 53.5 | 53.6 | 0.1 | 0.2% | 66.7% | 48.6 | 48.6 | 0.0 | 0.0% | 66.7% | 46.6 | 46.6 | 0.0 | 0.0% |
| 67.9% | 57.0 | 57.0 | 0.0 | 0.0% | 67.9% | 53.4 | 53.6 | 0.2 | 0.4% | 67.9% | 48.5 | 48.5 | 0.0 | -0.1% | 67.9% | 46.6 | 46.5 | -0.1 | -0.1% |
| 69.1% | 56.9 | 56.9 | 0.0 | 0.1% | 69.1% | 53.4 | 53.5 | 0.1 | 0.3% | 69.1% | 48.5 | 48.5 | 0.0 | -0.1% | 69.1% | 46.5 | 46.5 | -0.1 | -0.2% |
| 70.4% | 56.8 | 56.9 | 0.1 | 0.2% | 70.4% | 53.4 | 53.4 | 0.1 | 0.2% | 70.4% | 48.5 | 48.4 | -0.1 | -0.2% | 70.4% | 46.5 | 46.4 | -0.1 | -0.2% |
| 71.6% | 56.8 | 56.9 | 0.1 | 0.2% | 71.6% | 53.3 | 53.4 | 0.1 | 0.1% | 71.6% | 48.3 | 48.4 | 0.0 | 0.0% | 71.6% | 46.5 | 46.4 | -0.1 | -0.1% |
| 72.8% | 56.8 | 56.9 | 0.1 | 0.3% | 72.8% | 53.3 | 53.4 | 0.1 | 0.2% | 72.8% | 48.3 | 48.3 | 0.0 | 0.1% | 72.8% | 46.5 | 46.4 | -0.1 | -0.1% |
| 74.1% | 56.7 | 56.9 | 0.1 | 0.3% | 74.1% | 53.3 | 53.3 | 0.1 | 0.1% | 74.1% | 48.3 | 48.3 | 0.0 | 0.1% | 74.1% | 46.5 | 46.4 | -0.1 | -0.1% |
| 75.3% | 56.7 | 56.8 | 0.1 | 0.2% | 75.3% | 53.3 | 53.3 | 0.0 | 0.0% | 75.3% | 48.2 | 48.2 | 0.0 | -0.1% | 75.3% | 46.5 | 46.4 | -0.1 | -0.1% |
| 76.5% | 56.7 | 56.8 | 0.0 | 0.1% | 76.5% | 53.2 | 53.2 | 0.0 | 0.0% | 76.5% | 48.2 | 48.2 | 0.0 | -0.1% | 76.5% | 46.5 | 46.4 | -0.1 | -0.2% |
| 77.8% | 56.7 | 56.7 | 0.0 | 0.0% | 77.8% | 53.2 | 53.2 | 0.0 | 0.0% | 77.8% | 48.2 | 48.2 | -0.1 | -0.1% | 77.8% | 46.5 | 46.4 | -0.1 | -0.2% |
| 79.0% | 56.6 | 56.6 | 0.0 | 0.0% | 79.0% | 53.2 | 53.2 | 0.0 | 0.1% | 79.0% | 48.1 | 48.2 | 0.1 | 0.1% | 79.0% | 46.4 | 46.4 | -0.1 | -0.2% |
| 80.2% | 56.6 | 56.6 | 0.0 | 0.1% | 80.2% | 53.1 | 53.2 | 0.0 | 0.0% | 80.2% | 48.0 | 48.1 | 0.2 | 0.3% | 80.2% | 46.4 | 46.4 | -0.1 | -0.2% |
| 81.5% | 56.6 | 56.6 | 0.0 | 0.0% | 81.5% | 53.1 | 53.0 | -0.1 | -0.1% | 81.5% | 48.0 | 48.1 | 0.1 | 0.2% | 81.5% | 46.4 | 46.3 | -0.1 | -0.2% |
| 82.7% | 56.6 | 56.6 | 0.0 | 0.1% | 82.7% | 53.1 | 53.0 | -0.1 | -0.2% | 82.7% | 47.8 | 48.0 | 0.3 | 0.6% | 82.7% | 46.3 | 46.3 | -0.1 | -0.1% |
| 84.0% | 56.5 | 56.6 | 0.0 | 0.0% | 84.0% | 53.0 | 52.9 | -0.1 | -0.2% | 84.0% | 47.6 | 47.9 | 0.3 | 0.6% | 84.0% | 46.3 | 46.2 | 0.0 | -0.1% |
| 85.2% | 56.5 | 56.5 | 0.0 | 0.1% | 85.2% | 52.9 | 52.9 | 0.0 | -0.1% | 85.2% | 47.6 | 47.8 | 0.2 | 0.3% | 85.2% | 46.3 | 46.1 | -0.1 | -0.3% |
| 86.4% | 56.5 | 56.5 | 0.0 | 0.0% | 86.4% | 52.9 | 52.9 | -0.1 | -0.1% | 86.4% | 47.6 | 47.7 | 0.1 | 0.1% | 86.4% | 46.3 | 46.1 | -0.1 | -0.3% |
| 87.7% | 56.4 | 56.5 | 0.0 | 0.1% | 87.7% | 52.9 | 52.9 | 0.0 | -0.1% | 87.7% | 47.5 | 47.6 | 0.1 | 0.1% | 87.7% | 46.1 | 46.0 | -0.1 | -0.2% |
| 88.9% | 56.3 | 56.4 | 0.1 | 0.1% | 88.9% | 52.8 | 52.8 | 0.0 | 0.0% | 88.9% | 47.5 | 47.4 | 0.0 | -0.1% | 88.9% | 46.1 | 45.9 | -0.2 | -0.4% |
| 90.1% | 56.3 | 56.1 | -0.2 | -0.3% | 90.1% | 52.8 | 52.8 | 0.0 | 0.0% | 90.1% | 47.4 | 47.4 | 0.0 | 0.0% | 90.1% | 46.0 | 45.8 | -0.2 | -0.4% |
| 91.4% | 56.1 | 56.1 | 0.0 | -0.1% | 91.4% | 52.7 | 52.8 | 0.0 | 0.1% | 91.4% | 47.4 | 47.4 | 0.0 | 0.0% | 91.4% | 45.8 | 45.8 | 0.0 | 0.1% |
| 92.6% | 55.9 | 56.1 | 0.1 | 0.3% | 92.6% | 52.5 | 52.4 | -0.1 | -0.2% | 92.6% | 47.4 | 47.4 | 0.0 | 0.1% | 92.6% | 45.7 | 45.8 | 0.1 | 0.2% |
| 93.8% | 55.9 | 55.9 | 0.0 | 0.0% | 93.8% | 52.5 | 52.4 | 0.0 | -0.1% | 93.8% | 47.3 | 47.4 | 0.0 | 0.1% | 93.8% | 45.7 | 45.7 | 0.1 | 0.1% |
| 95.1% | 55.8 | 55.8 | 0.0 | 0.0% | 95.1% | 52.3 | 52.3 | 0.0 | 0.0% | 95.1% | 47.2 | 47.4 | 0.1 | 0.2% | 95.1% | 45.6 | 45.7 | 0.1 | 0.2% |
| 96.3% | 55.6 | 55.8 | 0.2 | 0.3% | 96.3% | 52.2 | 52.3 | 0.1 | 0.1% | 96.3% | 47.2 | 47.4 | 0.2 | 0.3% | 96.3% | 45.6 | 45.5 | -0.1 | -0.2% |
| 97.5% | 55.4 | 55.4 | 0.0 | 0.0% | 97.5% | 51.8 | 51.8 | 0.1 | 0.1% | 97.5% | 47.2 | 47.3 | 0.1 | 0.3% | 97.5% | 45.5 | 45.4 | -0.1 | -0.3% |
| 98.8% | 55.0 | 55.1 | 0.1 | 0.2% | 98.8% | 51.7 | 51.7 | 0.0 | 0.1% | 98.8% | 47.1 | 47.2 | 0.1 | 0.2% | 98.8% | 45.5 | 45.3 | -0.1 | -0.3% |
| 100.0% | 55.0 | 55.1 | 0.0 | 0.2% | 100.0% | 51.7 | 51.7 | 0.0 | 0.1% | 100.0% | 47.1 | 47.2 | 0.1 | 0.2% | 100.0% | 45.5 | 45.3 | -0.1 | -0.3% |

## Table SQ7-1b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 52.7 | 52.8 | 0.0 | 0.1% | 0.0% | 54.4 | 54.4 | 0.0 | 0.1% | 0.0% | 58.4 | 58.4 | 0.0 | 0.0% | 0.0% | 61.4 | 61.1 | -0.2 | -0.4% |
| 1.2% | 51.0 | 51.2 | 0.2 | 0.4% | 1.2% | 54.3 | 54.4 | 0.2 | 0.3% | 1.2% | 58.1 | 57.8 | -0.3 | -0.5% | 1.2% | 59.9 | 60.9 | 1.0 | 1.7% |
| 2.5% | 50.6 | 50.4 | -0.2 | -0.5% | 2.5% | 54.2 | 54.1 | -0.1 | -0.3% | 2.5% | 57.3 | 57.1 | -0.2 | -0.4% | 2.5% | 59.4 | 60.9 | 1.4 | 2.4% |
| 3.7% | 50.4 | 50.2 | -0.2 | -0.4% | 3.7% | 53.9 | 53.7 | -0.2 | -0.4% | 3.7% | 57.1 | 57.0 | -0.1 | -0.2% | 3.7% | 59.3 | 60.2 | 0.9 | 1.5% |
| 4.9% | 49.9 | 50.0 | 0.1 | 0.1% | 4.9% | 53.6 | 53.7 | 0.1 | 0.2% | 4.9% | 57.0 | 56.5 | -0.5 | -1.0% | 4.9% | 59.2 | 60.0 | 0.8 | 1.4% |
| 6.2% | 49.7 | 49.8 | 0.1 | 0.1% | 6.2% | 53.4 | 53.5 | 0.1 | 0.1% | 6.2% | 56.8 | 56.4 | -0.4 | -0.7% | 6.2% | 59.1 | 59.8 | 0.7 | 1.2% |
| 7.4% | 49.7 | 49.8 | 0.1 | 0.1% | 7.4% | 53.4 | 53.4 | 0.0 | 0.1% | 7.4% | 56.5 | 56.2 | -0.3 | -0.5% | 7.4% | 59.0 | 59.8 | 0.7 | 1.2% |
| 8.6% | 49.5 | 49.7 | 0.1 | 0.3% | 8.6% | 53.3 | 53.4 | 0.1 | 0.2% | 8.6% | 56.5 | 56.2 | -0.3 | -0.5% | 8.6% | 59.0 | 59.3 | 0.3 | 0.5% |
| 9.9% | 49.5 | 49.6 | 0.1 | 0.3% | 9.9% | 53.3 | 53.3 | 0.0 | 0.1% | 9.9% | 56.3 | 56.1 | -0.2 | -0.3% | 9.9% | 58.9 | 59.3 | 0.3 | 0.6% |
| 11.1% | 49.5 | 49.6 | 0.1 | 0.2% | 11.1% | 53.1 | 53.1 | 0.0 | 0.0% | 11.1% | 56.3 | 56.1 | -0.2 | -0.3% | 11.1% | 58.9 | 59.2 | 0.3 | 0.6% |
| 12.3% | 49.5 | 49.5 | 0.0 | 0.1% | 12.3% | 53.1 | 53.1 | 0.1 | 0.1% | 12.3% | 56.1 | 56.1 | 0.0 | 0.0% | 12.3% | 58.9 | 59.2 | 0.3 | 0.5% |
| 13.6% | 49.5 | 49.5 | 0.0 | 0.0% | 13.6% | 53.0 | 52.9 | -0.1 | -0.2% | 13.6% | 56.0 | 56.1 | 0.1 | 0.1% | 13.6% | 58.7 | 59.2 | 0.5 | 0.8% |
| 14.8% | 49.4 | 49.5 | 0.0 | 0.0% | 14.8% | 52.9 | 52.8 | -0.1 | -0.3% | 14.8% | 56.0 | 55.9 | 0.0 | -0.1% | 14.8% | 58.7 | 59.2 | 0.5 | 0.8% |
| 16.0% | 49.3 | 49.3 | 0.0 | 0.1% | 16.0% | 52.8 | 52.8 | 0.0 | 0.0% | 16.0% | 55.8 | 55.9 | 0.1 | 0.1% | 16.0% | 58.5 | 59.1 | 0.6 | 1.0% |
| 17.3% | 49.2 | 49.2 | 0.0 | 0.0% | 17.3% | 52.7 | 52.7 | 0.1 | 0.1% | 17.3% | 55.8 | 55.8 | 0.0 | 0.0% | 17.3% | 58.5 | 59.1 | 0.6 | 1.0% |
| 18.5% | 49.0 | 49.0 | 0.0 | 0.0% | 18.5% | 52.6 | 52.6 | 0.0 | -0.1% | 18.5% | 55.7 | 55.7 | 0.0 | 0.0% | 18.5% | 58.4 | 59.1 | 0.7 | 1.3% |
| 19.8% | 48.8 | 48.9 | 0.1 | 0.2% | 19.8% | 52.5 | 52.6 | 0.1 | 0.2% | 19.8% | 55.7 | 55.7 | 0.0 | 0.0% | 19.8% | 58.3 | 59.1 | 0.8 | 1.4% |
| 21.0% | 48.8 | 48.8 | 0.0 | 0.1% | 21.0% | 52.4 | 52.5 | 0.0 | 0.0% | 21.0% | 55.5 | 55.7 | 0.2 | 0.4% | 21.0% | 58.2 | 58.9 | 0.7 | 1.2% |
| 22.2% | 48.8 | 48.7 | -0.1 | -0.2% | 22.2% | 52.4 | 52.4 | 0.0 | 0.0% | 22.2% | 55.5 | 55.7 | 0.2 | 0.4% | 22.2% | 58.2 | 58.9 | 0.7 | 1.2% |
| 23.5% | 48.7 | 48.6 | -0.1 | -0.2% | 23.5% | 52.4 | 52.4 | 0.1 | 0.1% | 23.5% | 55.3 | 55.7 | 0.3 | 0.6% | 23.5% | 58.1 | 58.8 | 0.7 | 1.2% |
| 24.7% | 48.7 | 48.6 | 0.0 | -0.1% | 24.7% | 52.3 | 52.4 | 0.1 | 0.3% | 24.7% | 55.3 | 55.6 | 0.3 | 0.6% | 24.7% | 58.0 | 58.7 | 0.7 | 1.2% |
| 25.9% | 48.5 | 48.6 | 0.0 | 0.1% | 25.9% | 52.2 | 52.3 | 0.1 | 0.3% | 25.9% | 55.2 | 55.5 | 0.3 | 0.5% | 25.9% | 58.0 | 58.7 | 0.7 | 1.2% |
| 27.2% | 48.5 | 48.6 | 0.0 | 0.1% | 27.2% | 52.2 | 52.3 | 0.1 | 0.1% | 27.2% | 55.2 | 55.5 | 0.3 | 0.5% | 27.2% | 57.9 | 58.7 | 0.7 | 1.2% |
| 28.4% | 48.5 | 48.6 | 0.0 | 0.1% | 28.4% | 52.2 | 52.2 | 0.0 | 0.1% | 28.4% | 55.0 | 55.4 | 0.4 | 0.6% | 28.4% | 57.9 | 58.5 | 0.6 | 1.0% |
| 29.6% | 48.5 | 48.5 | 0.0 | 0.0% | 29.6% | 52.1 | 52.1 | 0.1 | 0.1% | 29.6% | 54.9 | 55.3 | 0.3 | 0.6% | 29.6% | 57.9 | 58.5 | 0.6 | 1.0% |
| 30.9% | 48.5 | 48.5 | 0.0 | 0.0% | 30.9% | 52.0 | 52.1 | 0.0 | 0.1% | 30.9% | 54.9 | 55.2 | 0.3 | 0.5% | 30.9% | 57.7 | 58.2 | 0.5 | 0.9% |
| 32.1% | 48.5 | 48.5 | 0.0 | 0.0% | 32.1% | 52.0 | 52.1 | 0.1 | 0.1% | 32.1% | 54.8 | 55.1 | 0.3 | 0.5% | 32.1% | 57.6 | 58.2 | 0.6 | 1.0% |
| 33.3% | 48.5 | 48.5 | 0.0 | 0.0% | 33.3% | 52.0 | 52.1 | 0.1 | 0.1% | 33.3% | 54.8 | 55.1 | 0.3 | 0.5% | 33.3% | 57.5 | 58.2 | 0.6 | 1.1% |
| 34.6% | 48.4 | 48.5 | 0.0 | 0.1% | 34.6% | 52.0 | 52.0 | 0.0 | 0.1% | 34.6% | 54.8 | 55.0 | 0.2 | 0.4% | 34.6% | 57.5 | 58.1 | 0.6 | 1.0% |
| 35.8% | 48.4 | 48.5 | 0.1 | 0.2% | 35.8% | 51.8 | 51.9 | 0.0 | 0.1% | 35.8% | 54.7 | 54.8 | 0.2 | 0.3% | 35.8% | 57.5 | 58.0 | 0.5 | 0.9% |
| 37.0% | 48.4 | 48.4 | 0.1 | 0.2% | 37.0% | 51.7 | 51.8 | 0.0 | 0.1% | 37.0% | 54.6 | 54.8 | 0.2 | 0.3% | 37.0% | 57.5 | 58.0 | 0.6 | 1.0% |
| 38.3% | 48.4 | 48.4 | 0.0 | 0.0% | 38.3% | 51.7 | 51.7 | 0.0 | 0.1% | 38.3% | 54.6 | 54.8 | 0.2 | 0.3% | 38.3% | 57.4 | 58.0 | 0.5 | 0.9% |
| 39.5% | 48.3 | 48.3 | 0.0 | 0.0% | 39.5% | 51.7 | 51.7 | 0.1 | 0.1% | 39.5% | 54.6 | 54.8 | 0.2 | 0.3% | 39.5% | 57.4 | 58.0 | 0.6 | 1.0% |
| 40.7% | 48.1 | 48.2 | 0.0 | 0.1% | 40.7% | 51.5 | 51.5 | 0.0 | 0.0% | 40.7% | 54.6 | 54.7 | 0.1 | 0.1% | 40.7% | 57.3 | 57.8 | 0.5 | 0.9% |
| 42.0% | 48.1 | 48.1 | 0.0 | 0.0% | 42.0% | 51.5 | 51.5 | 0.0 | 0.1% | 42.0% | 54.6 | 54.6 | 0.0 | 0.1% | 42.0% | 57.2 | 57.8 | 0.6 | 1.1% |
| 43.2% | 48.1 | 48.0 | 0.0 | -0.1% | 43.2% | 51.4 | 51.5 | 0.1 | 0.2% | 43.2% | 54.5 | 54.6 | 0.1 | 0.1% | 43.2% | 57.2 | 57.6 | 0.5 | 0.8% |
| 44.4% | 48.1 | 48.0 | 0.0 | -0.1% | 44.4% | 51.2 | 51.3 | 0.1 | 0.2% | 44.4% | 54.5 | 54.6 | 0.1 | 0.2% | 44.4% | 57.1 | 57.6 | 0.5 | 0.9% |
| 45.7% | 48.0 | 48.0 | 0.0 | 0.0% | 45.7% | 51.2 | 51.2 | 0.1 | 0.1% | 45.7% | 54.4 | 54.5 | 0.2 | 0.3% | 45.7% | 57.0 | 57.5 | 0.5 | 0.9% |
| 46.9% | 48.0 | 48.0 | -0.1 | -0.1% | 46.9% | 51.1 | 51.1 | 0.0 | 0.0% | 46.9% | 54.3 | 54.5 | 0.2 | 0.4% | 46.9% | 57.0 | 57.4 | 0.5 | 0.8% |
| 48.1% | 47.8 | 47.8 | 0.0 | -0.1% | 48.1% | 51.1 | 51.1 | 0.0 | 0.0% | 48.1% | 54.3 | 54.5 | 0.2 | 0.4% | 48.1% | 56.9 | 57.4 | 0.6 | 1.0% |
| 49.4% | 47.8 | 47.8 | 0.0 | 0.0% | 49.4% | 50.9 | 50.9 | 0.0 | 0.0% | 49.4% | 54.2 | 54.4 | 0.2 | 0.4% | 49.4% | 56.8 | 57.4 | 0.6 | 1.0% |
| 50.6% | 47.8 | 47.8 | 0.0 | 0.0% | 50.6% | 50.8 | 50.8 | 0.0 | 0.0% | 50.6% | 54.2 | 54.4 | 0.2 | 0.3% | 50.6% | 56.7 | 57.4 | 0.6 | 1.1% |
| 51.9% | 47.8 | 47.8 | 0.0 | 0.0% | 51.9% | 50.8 | 50.7 | 0.0 | -0.1% | 51.9% | 54.1 | 54.3 | 0.2 | 0.4% | 51.9% | 56.7 | 57.3 | 0.6 | 1.1% |
| 53.1% | 47.7 | 47.8 | 0.1 | 0.1% | 53.1% | 50.7 | 50.7 | 0.0 | 0.0% | 53.1% | 54.1 | 54.3 | 0.2 | 0.4% | 53.1% | 56.7 | 57.3 | 0.6 | 1.1% |
| 54.3% | 47.7 | 47.7 | 0.0 | 0.1% | 54.3% | 50.7 | 50.7 | 0.0 | 0.0% | 54.3% | 54.0 | 54.3 | 0.3 | 0.5% | 54.3% | 56.7 | 57.3 | 0.6 | 1.1% |
| 55.6% | 47.7 | 47.7 | 0.0 | 0.1% | 55.6% | 50.7 | 50.7 | 0.0 | 0.0% | 55.6% | 54.0 | 54.2 | 0.3 | 0.5% | 55.6% | 56.7 | 57.3 | 0.6 | 1.0% |
| 56.8% | 47.6 | 47.7 | 0.1 | 0.2% | 56.8% | 50.6 | 50.6 | -0.1 | -0.1% | 56.8% | 53.9 | 54.2 | 0.3 | 0.5% | 56.8% | 56.7 | 57.3 | 0.6 | 1.1% |
| 58.0% | 47.6 | 47.6 | 0.0 | 0.0% | 58.0% | 50.6 | 50.5 | -0.2 | -0.3% | 58.0% | 53.9 | 54.1 | 0.3 | 0.5% | 58.0% | 56.7 | 57.2 | 0.5 | 1.0% |
| 59.3% | 47.6 | 47.6 | 0.0 | 0.1% | 59.3% | 50.6 | 50.3 | -0.2 | -0.4% | 59.3% | 53.9 | 54.1 | 0.3 | 0.5% | 59.3% | 56.6 | 57.1 | 0.5 | 0.9% |
| 60.5% | 47.6 | 47.6 | 0.0 | 0.0% | 60.5% | 50.4 | 50.3 | -0.1 | -0.3% | 60.5% | 53.9 | 54.0 | 0.2 | 0.3% | 60.5% | 56.5 | 57.1 | 0.5 | 1.0% |
| 61.7% | 47.5 | 47.5 | -0.1 | -0.1% | 61.7% | 50.4 | 50.3 | -0.1 | -0.2% | 61.7% | 53.8 | 54.0 | 0.2 | 0.3% | 61.7% | 56.5 | 57.1 | 0.6 | 1.0% |
| 63.0% | 47.5 | 47.4 | -0.1 | -0.2% | 63.0% | 50.3 | 50.3 | -0.1 | -0.1% | 63.0% | 53.8 | 54.0 | 0.2 | 0.4% | 63.0% | 56.5 | 57.1 | 0.6 | 1.0% |
| 64.2% | 47.4 | 47.4 | -0.1 | -0.1% | 64.2% | 50.3 | 50.3 | 0.0 | -0.1% | 64.2% | 53.8 | 54.0 | 0.2 | 0.4% | 64.2% | 56.5 | 56.9 | 0.4 | 0.7% |
| 65.4% | 47.4 | 47.3 | -0.1 | -0.3% | 65.4% | 50.3 | 50.1 | -0.1 | -0.3% | 65.4% | 53.7 | 54.0 | 0.2 | 0.4% | 65.4% | 56.5 | 56.9 | 0.4 | 0.7% |
| 66.7% | 47.4 | 47.3 | -0.2 | -0.3% | 66.7% | 50.0 | 50.1 | 0.0 | 0.1% | 66.7% | 53.7 | 53.9 | 0.2 | 0.4% | 66.7% | 56.4 | 56.8 | 0.4 | 0.7% |
| 67.9% | 47.2 | 47.2 | 0.0 | 0.0% | 67.9% | 50.0 | 50.0 | 0.0 | 0.0% | 67.9% | 53.6 | 53.9 | 0.3 | 0.6% | 67.9% | 56.4 | 56.8 | 0.4 | 0.6% |
| 69.1% | 47.2 | 47.2 | 0.0 | 0.0% | 69.1% | 50.0 | 49.9 | -0.1 | -0.1% | 69.1% | 53.6 | 53.8 | 0.3 | 0.5% | 69.1% | 56.3 | 56.7 | 0.4 | 0.7% |
| 70.4% | 47.1 | 47.1 | 0.0 | 0.0% | 70.4% | 49.9 | 49.9 | 0.0 | 0.0% | 70.4% | 53.4 | 53.7 | 0.3 | 0.6% | 70.4% | 56.3 | 56.7 | 0.4 | 0.8% |
| 71.6% | 47.0 | 47.0 | 0.0 | 0.0% | 71.6% | 49.9 | 49.8 | -0.1 | -0.1% | 71.6% | 53.4 | 53.7 | 0.3 | 0.6% | 71.6% | 56.3 | 56.7 | 0.4 | 0.8% |
| 72.8% | 46.9 | 46.9 | 0.0 | -0.1% | 72.8% | 49.8 | 49.6 | -0.2 | -0.5% | 72.8% | 53.3 | 53.6 | 0.2 | 0.4% | 72.8% | 56.3 | 56.7 | 0.4 | 0.8% |
| 74.1% | 46.9 | 46.8 | -0.1 | -0.1% | 74.1% | 49.6 | 49.5 | -0.1 | -0.2% | 74.1% | 53.3 | 53.5 | 0.1 | 0.2% | 74.1% | 56.2 | 56.6 | 0.4 | 0.7% |
| 75.3% | 46.8 | 46.7 | -0.1 | -0.2% | 75.3% | 49.4 | 49.4 | 0.1 | 0.1% | 75.3% | 53.2 | 53.3 | 0.1 | 0.2% | 75.3% | 56.2 | 56.6 | 0.4 | 0.8% |
| 76.5% | 46.8 | 46.7 | -0.1 | -0.2% | 76.5% | 49.2 | 49.2 | 0.0 | 0.0% | 76.5% | 53.2 | 53.3 | 0.1 | 0.2% | 76.5% | 56.2 | 56.4 | 0.2 | 0.4% |
| 77.8% | 46.7 | 46.7 | -0.1 | -0.2% | 77.8% | 49.2 | 49.2 | 0.0 | 0.0% | 77.8% | 53.1 | 53.3 | 0.1 | 0.2% | 77.8% | 56.1 | 56.3 | 0.2 | 0.3% |
| 79.0% | 46.7 | 46.6 | -0.1 | -0.2% | 79.0% | 49.2 | 49.2 | 0.0 | -0.1% | 79.0% | 53.1 | 53.2 | 0.1 | 0.3% | 79.0% | 56.1 | 56.3 | 0.2 | 0.4% |
| 80.2% | 46.7 | 46.6 | -0.1 | -0.1% | 80.2% | 49.2 | 49.2 | 0.0 | -0.1% | 80.2% | 53.1 | 53.2 | 0.1 | 0.2% | 80.2% | 56.0 | 56.3 | 0.3 | 0.6% |
| 81.5% | 46.7 | 46.6 | -0.1 | -0.2% | 81.5% | 49.2 | 49.1 | 0.0 | -0.1% | 81.5% | 52.9 | 53.2 | 0.3 | 0.6% | 81.5% | 56.0 | 56.3 | 0.3 | 0.6% |
| 82.7% | 46.7 | 46.6 | -0.1 | -0.2% | 82.7% | 48.7 | 48.8 | 0.0 | 0.0% | 82.7% | 52.9 | 52.9 | 0.1 | 0.1% | 82.7% | 56.0 | 56.3 | 0.3 | 0.5% |
| 84.0% | 46.7 | 46.5 | -0.1 | -0.3% | 84.0% | 48.7 | 48.7 | 0.0 | 0.0% | 84.0% | 52.7 | 52.9 | 0.1 | 0.3% | 84.0% | 55.9 | 56.3 | 0.4 | 0.7% |
| 85.2% | 46.6 | 46.5 | -0.1 | -0.1% | 85.2% | 48.7 | 48.7 | 0.0 | -0.1% | 85.2% | 52.7 | 52.9 | 0.2 | 0.4% | 85.2% | 55.8 | 56.1 | 0.3 | 0.6% |
| 86.4% | 46.5 | 46.3 | -0.2 | -0.4% | 86.4% | 48.7 | 48.7 | 0.0 | 0.0% | 86.4% | 52.5 | 52.4 | -0.2 | -0.3% | 86.4% | 55.8 | 56.1 | 0.3 | 0.5% |
| 87.7% | 46.5 | 46.3 | -0.1 | -0.3% | 87.7% | 48.5 | 48.6 | 0.2 | 0.3% | 87.7% | 52.3 | 52.3 | 0.0 | 0.0% | 87.7% | 55.8 | 56.0 | 0.3 | 0.5% |
| 88.9% | 46.4 | 46.3 | -0.1 | -0.2% | 88.9% | 48.4 | 48.5 | 0.0 | 0.0% | 88.9% | 52.1 | 52.2 | 0.0 | 0.0% | 88.9% | 55.6 | 55.9 | 0.3 | 0.5% |
| 90.1% | 46.3 | 46.3 | 0.0 | -0.1% | 90.1% | 48.3 | 48.3 | -0.1 | -0.1% | 90.1% | 52.1 | 52.1 | 0.0 | 0.0% | 90.1% | 55.5 | 55.9 | 0.3 | 0.6% |
| 91.4% | 46.3 | 46.3 | 0.0 | 0.1% | 91.4% | 48.2 | 48.2 | 0.1 | 0.1% | 91.4% | 52.0 | 52.1 | 0.1 | 0.1% | 91.4% | 55.4 | 55.8 | 0.4 | 0.8% |
| 92.6% | 46.2 | 46.0 | -0.2 | -0.4% | 92.6% | 48.1 | 48.2 | 0.0 | 0.0% | 92.6% | 52.0 | 51.9 | -0.1 | -0.1% | 92.6% | 55.2 | 55.4 | 0.3 | 0.5% |
| 93.8% | 46.1 | 46.0 | -0.1 | -0.3% | 93.8% | 48.1 | 48.1 | 0.0 | 0.0% | 93.8% | 51.8 | 51.9 | 0.1 | 0.1% | 93.8% | 55.1 | 55.2 | 0.1 | 0.1% |
| 95.1% | 46.1 | 45.9 | -0.2 | -0.4% | 95.1% | 48.0 | 48.1 | 0.1 | 0.1% | 95.1% | 51.8 | 51.9 | 0.1 | 0.1% | 95.1% | 55.0 | 54.9 | 0.0 | 0.0% |
| 96.3% | 45.8 | 45.7 | -0.1 | -0.3% | 96.3% | 48.0 | 47.9 | 0.0 | 0.0% | 96.3% | 51.8 | 51.8 | 0.1 | 0.1% | 96.3% | 54.7 | 54.7 | 0.0 | 0.0% |
| 97.5% | 45.7 | 45.6 | -0.1 | -0.3% | 97.5% | 48.0 | 47.9 | 0.0 | 0.0% | 97.5% | 50.7 | 50.7 | 0.0 | 0.0% | 97.5% | 54.4 | 54.7 | 0.3 | 0.6% |
| 98.8% | 45.0 | 45.2 | 0.2 | 0.4% | 98.8% | 47.7 | 47.6 | -0.1 | -0.2% | 98.8% | 50.5 | 50.5 | 0.0 | 0.0% | 98.8% | 54.3 | 54.6 | 0.3 | 0.5% |
| 100.0% | 45.0 | 45.2 | 0.2 | 0.4% | 100.0% | 47.7 | 47.6 | -0.1 | -0.2% | 100.0% | 50.5 | 50.5 | 0.0 | 0.0% | 100.0% | 54.3 | 54.6 | 0.3 | 0.5% |

## Table SQ7-1b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 61.0 | 60.9 | -0.1 | -0.2% | 0.0% | 62.1 | 61.5 | -0.6 | -1.0% | 0.0% | 69.2 | 64.6 | -4.5 | -6.5% | 0.0% | 67.9 | 68.4 | 0.5 | 0.7% |
| 1.2% | 60.6 | 60.8 | 0.2 | 0.3% | 1.2% | 61.7 | 61.4 | -0.2 | -0.4% | 1.2% | 63.2 | 62.0 | -1.3 | -2.0% | 1.2% | 67.0 | 64.3 | -2.7 | -4.1% |
| 2.5% | 60.6 | 60.1 | -0.4 | -0.7% | 2.5% | 61.2 | 61.2 | 0.0 | 0.1% | 2.5% | 63.1 | 61.8 | -1.4 | -2.2% | 2.5% | 66.7 | 63.8 | -2.9 | -4.3% |
| 3.7% | 60.5 | 60.1 | -0.4 | -0.7% | 3.7% | 61.1 | 61.1 | 0.0 | 0.0% | 3.7% | 63.0 | 61.5 | -1.6 | -2.5% | 3.7% | 64.5 | 62.5 | -2.0 | -3.0% |
| 4.9% | 60.3 | 60.0 | -0.3 | -0.6% | 4.9% | 61.1 | 60.9 | -0.1 | -0.2% | 4.9% | 62.3 | 61.3 | -1.0 | -1.6% | 4.9% | 64.1 | 62.2 | -1.9 | -2.9% |
| 6.2% | 60.3 | 59.9 | -0.3 | -0.5% | 6.2% | 60.8 | 60.8 | 0.0 | 0.0% | 6.2% | 62.2 | 61.3 | -1.0 | -1.5% | 6.2% | 63.4 | 62.0 | -1.4 | -2.2% |
| 7.4% | 60.1 | 59.9 | -0.2 | -0.3% | 7.4% | 60.7 | 60.7 | 0.0 | 0.0% | 7.4% | 62.1 | 61.2 | -0.9 | -1.5% | 7.4% | 62.9 | 61.7 | -1.2 | -1.8% |
| 8.6% | 59.7 | 59.9 | 0.2 | 0.3% | 8.6% | 60.7 | 60.6 | 0.0 | -0.1% | 8.6% | 62.0 | 61.2 | -0.9 | -1.4% | 8.6% | 62.7 | 61.7 | -1.1 | -1.7% |
| 9.9% | 59.6 | 59.8 | 0.2 | 0.3% | 9.9% | 60.6 | 60.6 | 0.0 | 0.0% | 9.9% | 61.9 | 61.1 | -0.8 | -1.3% | 9.9% | 62.7 | 61.4 | -1.3 | -2.1% |
| 11.1% | 59.5 | 59.6 | 0.1 | 0.1% | 11.1% | 60.6 | 60.6 | 0.0 | 0.0% | 11.1% | 61.8 | 61.0 | -0.7 | -1.2% | 11.1% | 62.6 | 61.4 | -1.2 | -1.9% |
| 12.3% | 59.4 | 59.3 | -0.1 | -0.2% | 12.3% | 60.5 | 60.4 | -0.1 | -0.2% | 12.3% | 61.8 | 61.0 | -0.8 | -1.2% | 12.3% | 62.4 | 61.3 | -1.1 | -1.7% |
| 13.6% | 59.4 | 59.3 | 0.0 | -0.1% | 13.6% | 60.4 | 60.4 | 0.0 | 0.1% | 13.6% | 61.4 | 61.0 | -0.4 | -0.7% | 13.6% | 62.3 | 61.2 | -1.1 | -1.8% |
| 14.8% | 59.3 | 59.2 | 0.0 | 0.0% | 14.8% | 60.3 | 60.3 | 0.0 | 0.1% | 14.8% | 61.4 | 60.9 | -0.5 | -0.8% | 14.8% | 62.2 | 61.1 | -1.1 | -1.7% |
| 16.0% | 59.2 | 59.2 | 0.0 | 0.0% | 16.0% | 60.1 | 60.3 | 0.2 | 0.4% | 16.0% | 61.4 | 60.9 | -0.5 | -0.8% | 16.0% | 62.2 | 61.0 | -1.2 | -2.0% |
| 17.3% | 59.2 | 59.2 | 0.0 | 0.0% | 17.3% | 59.9 | 60.1 | 0.2 | 0.3% | 17.3% | 61.4 | 60.9 | -0.5 | -0.7% | 17.3% | 62.2 | 60.9 | -1.3 | -2.1% |
| 18.5% | 58.9 | 59.1 | 0.2 | 0.4% | 18.5% | 59.7 | 60.1 | 0.4 | 0.6% | 18.5% | 61.3 | 60.9 | -0.5 | -0.7% | 18.5% | 61.8 | 60.7 | -1.1 | -1.8% |
| 19.8% | 58.8 | 59.1 | 0.3 | 0.5% | 19.8% | 59.6 | 60.1 | 0.4 | 0.7% | 19.8% | 61.3 | 60.8 | -0.4 | -0.7% | 19.8% | 61.6 | 60.7 | -0.9 | -1.4% |
| 21.0% | 58.7 | 59.1 | 0.3 | 0.6% | 21.0% | 59.6 | 59.9 | 0.3 | 0.4% | 21.0% | 61.2 | 60.8 | -0.4 | -0.7% | 21.0% | 61.5 | 60.7 | -0.8 | -1.3% |
| 22.2% | 58.7 | 58.9 | 0.2 | 0.4% | 22.2% | 59.6 | 59.7 | 0.1 | 0.2% | 22.2% | 61.2 | 60.7 | -0.5 | -0.8% | 22.2% | 61.4 | 60.5 | -0.9 | -1.4% |
| 23.5% | 58.7 | 58.9 | 0.2 | 0.4% | 23.5% | 59.5 | 59.7 | 0.1 | 0.2% | 23.5% | 61.1 | 60.7 | -0.4 | -0.6% | 23.5% | 61.3 | 60.5 | -0.7 | -1.2% |
| 24.7% | 58.6 | 58.9 | 0.3 | 0.5% | 24.7% | 59.5 | 59.7 | 0.1 | 0.2% | 24.7% | 61.0 | 60.7 | -0.4 | -0.6% | 24.7% | 61.2 | 60.5 | -0.8 | -1.3% |
| 25.9% | 58.6 | 58.9 | 0.3 | 0.5% | 25.9% | 59.5 | 59.6 | 0.1 | 0.2% | 25.9% | 61.0 | 60.7 | -0.3 | -0.5% | 25.9% | 61.2 | 60.5 | -0.7 | -1.1% |
| 27.2% | 58.5 | 58.8 | 0.3 | 0.6% | 27.2% | 59.4 | 59.6 | 0.2 | 0.4% | 27.2% | 61.0 | 60.6 | -0.4 | -0.6% | 27.2% | 61.1 | 60.5 | -0.7 | -1.1% |
| 28.4% | 58.5 | 58.8 | 0.3 | 0.5% | 28.4% | 59.4 | 59.6 | 0.2 | 0.3% | 28.4% | 60.9 | 60.6 | -0.4 | -0.6% | 28.4% | 61.1 | 60.5 | -0.6 | -1.0% |
| 29.6% | 58.5 | 58.7 | 0.2 | 0.4% | 29.6% | 59.4 | 59.5 | 0.1 | 0.2% | 29.6% | 60.9 | 60.5 | -0.4 | -0.6% | 29.6% | 61.1 | 60.5 | -0.6 | -1.0% |
| 30.9% | 58.4 | 58.7 | 0.2 | 0.4% | 30.9% | 59.3 | 59.5 | 0.1 | 0.3% | 30.9% | 60.9 | 60.5 | -0.4 | -0.6% | 30.9% | 60.9 | 60.3 | -0.6 | -1.0% |
| 32.1% | 58.3 | 58.6 | 0.4 | 0.6% | 32.1% | 59.3 | 59.5 | 0.2 | 0.4% | 32.1% | 60.9 | 60.4 | -0.5 | -0.8% | 32.1% | 60.7 | 60.2 | -0.5 | -0.9% |
| 33.3% | 58.3 | 58.6 | 0.4 | 0.7% | 33.3% | 59.2 | 59.5 | 0.2 | 0.4% | 33.3% | 60.7 | 60.3 | -0.4 | -0.6% | 33.3% | 60.7 | 60.1 | -0.5 | -0.9% |
| 34.6% | 58.2 | 58.6 | 0.4 | 0.7% | 34.6% | 59.1 | 59.4 | 0.3 | 0.5% | 34.6% | 60.6 | 60.2 | -0.4 | -0.7% | 34.6% | 60.6 | 60.1 | -0.5 | -0.9% |
| 35.8% | 58.1 | 58.6 | 0.5 | 0.8% | 35.8% | 59.1 | 59.3 | 0.3 | 0.4% | 35.8% | 60.6 | 60.2 | -0.4 | -0.6% | 35.8% | 60.6 | 60.1 | -0.5 | -0.8% |
| 37.0% | 58.0 | 58.5 | 0.5 | 0.8% | 37.0% | 59.0 | 59.3 | 0.3 | 0.4% | 37.0% | 60.5 | 60.2 | -0.4 | -0.6% | 37.0% | 60.3 | 60.1 | -0.3 | -0.4% |
| 38.3% | 57.9 | 58.5 | 0.5 | 0.9% | 38.3% | 59.0 | 59.3 | 0.3 | 0.4% | 38.3% | 60.5 | 60.2 | -0.4 | -0.6% | 38.3% | 60.0 | 60.0 | 0.0 | 0.1% |
| 39.5% | 57.9 | 58.5 | 0.5 | 0.9% | 39.5% | 58.9 | 59.0 | 0.1 | 0.2% | 39.5% | 60.5 | 60.1 | -0.3 | -0.6% | 39.5% | 59.9 | 60.0 | 0.1 | 0.1% |
| 40.7% | 57.9 | 58.4 | 0.5 | 0.8% | 40.7% | 58.8 | 59.0 | 0.2 | 0.3% | 40.7% | 60.4 | 60.1 | -0.3 | -0.5% | 40.7% | 59.8 | 59.8 | 0.0 | 0.0% |
| 42.0% | 57.8 | 58.3 | 0.5 | 0.9% | 42.0% | 58.8 | 59.0 | 0.2 | 0.3% | 42.0% | 60.3 | 60.1 | -0.2 | -0.4% | 42.0% | 59.6 | 59.6 | 0.0 | -0.1% |
| 43.2% | 57.7 | 58.3 | 0.6 | 1.0% | 43.2% | 58.8 | 59.0 | 0.2 | 0.3% | 43.2% | 60.2 | 60.1 | -0.2 | -0.3% | 43.2% | 59.4 | 59.3 | -0.1 | -0.2% |
| 44.4% | 57.7 | 58.2 | 0.5 | 0.9% | 44.4% | 58.6 | 58.8 | 0.2 | 0.4% | 44.4% | 60.2 | 60.0 | -0.2 | -0.3% | 44.4% | 59.3 | 59.3 | 0.0 | 0.0% |
| 45.7% | 57.7 | 58.2 | 0.6 | 1.0% | 45.7% | 58.6 | 58.8 | 0.2 | 0.3% | 45.7% | 60.2 | 60.0 | -0.2 | -0.4% | 45.7% | 59.2 | 59.3 | 0.1 | 0.1% |
| 46.9% | 57.7 | 58.2 | 0.6 | 1.0% | 46.9% | 58.5 | 58.7 | 0.2 | 0.3% | 46.9% | 60.2 | 60.0 | -0.2 | -0.3% | 46.9% | 59.0 | 59.3 | 0.3 | 0.5% |
| 48.1% | 57.6 | 58.1 | 0.6 | 1.0% | 48.1% | 58.4 | 58.7 | 0.3 | 0.5% | 48.1% | 60.1 | 60.0 | -0.1 | -0.2% | 48.1% | 59.0 | 59.3 | 0.3 | 0.4% |
| 49.4% | 57.6 | 58.1 | 0.6 | 1.0% | 49.4% | 58.4 | 58.7 | 0.3 | 0.5% | 49.4% | 60.1 | 60.0 | -0.1 | -0.2% | 49.4% | 58.9 | 59.2 | 0.4 | 0.6% |
| 50.6% | 57.6 | 58.1 | 0.5 | 0.9% | 50.6% | 58.3 | 58.7 | 0.3 | 0.6% | 50.6% | 60.1 | 59.9 | -0.2 | -0.3% | 50.6% | 58.5 | 59.0 | 0.5 | 0.9% |
| 51.9% | 57.5 | 58.1 | 0.6 | 1.0% | 51.9% | 58.3 | 58.6 | 0.3 | 0.6% | 51.9% | 60.0 | 59.9 | -0.1 | -0.2% | 51.9% | 58.4 | 58.9 | 0.6 | 1.0% |
| 53.1% | 57.5 | 58.1 | 0.6 | 1.1% | 53.1% | 58.3 | 58.6 | 0.3 | 0.6% | 53.1% | 59.9 | 59.8 | -0.1 | -0.1% | 53.1% | 58.4 | 58.8 | 0.4 | 0.7% |
| 54.3% | 57.4 | 58.0 | 0.6 | 1.0% | 54.3% | 58.2 | 58.5 | 0.3 | 0.5% | 54.3% | 59.9 | 59.8 | -0.1 | -0.2% | 54.3% | 58.3 | 58.8 | 0.5 | 0.9% |
| 55.6% | 57.4 | 58.0 | 0.6 | 1.1% | 55.6% | 58.1 | 58.5 | 0.4 | 0.7% | 55.6% | 59.7 | 59.8 | 0.1 | 0.1% | 55.6% | 58.1 | 58.6 | 0.5 | 0.8% |
| 56.8% | 57.4 | 58.0 | 0.6 | 1.1% | 56.8% | 58.1 | 58.4 | 0.4 | 0.6% | 56.8% | 59.7 | 59.7 | 0.1 | 0.1% | 56.8% | 58.1 | 58.5 | 0.5 | 0.8% |
| 58.0% | 57.3 | 58.0 | 0.7 | 1.2% | 58.0% | 58.0 | 58.4 | 0.4 | 0.7% | 58.0% | 59.6 | 59.7 | 0.1 | 0.2% | 58.0% | 57.9 | 58.5 | 0.5 | 0.9% |
| 59.3% | 57.3 | 58.0 | 0.7 | 1.1% | 59.3% | 58.0 | 58.4 | 0.4 | 0.7% | 59.3% | 59.6 | 59.6 | 0.1 | 0.1% | 59.3% | 57.9 | 58.3 | 0.4 | 0.7% |
| 60.5% | 57.3 | 57.9 | 0.5 | 0.9% | 60.5% | 58.0 | 58.4 | 0.4 | 0.6% | 60.5% | 59.5 | 59.6 | 0.1 | 0.2% | 60.5% | 57.7 | 58.2 | 0.5 | 0.8% |
| 61.7% | 57.3 | 57.8 | 0.5 | 0.9% | 61.7% | 58.0 | 58.3 | 0.2 | 0.4% | 61.7% | 59.5 | 59.6 | 0.1 | 0.2% | 61.7% | 57.6 | 58.0 | 0.4 | 0.7% |
| 63.0% | 57.3 | 57.7 | 0.4 | 0.7% | 63.0% | 57.9 | 58.2 | 0.3 | 0.5% | 63.0% | 59.5 | 59.6 | 0.1 | 0.2% | 63.0% | 57.6 | 57.9 | 0.4 | 0.6% |
| 64.2% | 57.2 | 57.6 | 0.5 | 0.8% | 64.2% | 57.9 | 58.2 | 0.3 | 0.5% | 64.2% | 59.4 | 59.6 | 0.1 | 0.2% | 64.2% | 57.5 | 57.9 | 0.3 | 0.6% |
| 65.4% | 57.1 | 57.6 | 0.5 | 0.8% | 65.4% | 57.8 | 58.2 | 0.4 | 0.6% | 65.4% | 59.4 | 59.5 | 0.1 | 0.2% | 65.4% | 57.3 | 57.8 | 0.5 | 0.9% |
| 66.7% | 57.1 | 57.6 | 0.5 | 0.8% | 66.7% | 57.8 | 58.2 | 0.4 | 0.6% | 66.7% | 59.4 | 59.4 | 0.1 | 0.1% | 66.7% | 57.3 | 57.7 | 0.4 | 0.7% |
| 67.9% | 57.1 | 57.5 | 0.4 | 0.8% | 67.9% | 57.8 | 58.1 | 0.3 | 0.6% | 67.9% | 59.3 | 59.4 | 0.0 | 0.1% | 67.9% | 57.3 | 57.6 | 0.4 | 0.6% |
| 69.1% | 57.1 | 57.5 | 0.5 | 0.8% | 69.1% | 57.8 | 58.0 | 0.2 | 0.4% | 69.1% | 59.3 | 59.3 | -0.1 | -0.1% | 69.1% | 57.3 | 57.6 | 0.4 | 0.6% |
| 70.4% | 57.0 | 57.5 | 0.5 | 0.9% | 70.4% | 57.7 | 58.0 | 0.2 | 0.4% | 70.4% | 59.3 | 59.2 | -0.1 | -0.1% | 70.4% | 57.1 | 57.6 | 0.5 | 0.9% |
| 71.6% | 57.0 | 57.5 | 0.5 | 0.8% | 71.6% | 57.7 | 58.0 | 0.2 | 0.4% | 71.6% | 59.3 | 59.2 | -0.1 | -0.1% | 71.6% | 57.1 | 57.5 | 0.3 | 0.6% |
| 72.8% | 57.0 | 57.4 | 0.5 | 0.8% | 72.8% | 57.7 | 57.9 | 0.2 | 0.4% | 72.8% | 59.3 | 59.2 | -0.1 | -0.2% | 72.8% | 56.9 | 57.3 | 0.4 | 0.7% |
| 74.1% | 56.9 | 57.4 | 0.5 | 0.9% | 74.1% | 57.6 | 57.9 | 0.2 | 0.4% | 74.1% | 59.1 | 59.2 | 0.0 | 0.1% | 74.1% | 56.9 | 57.2 | 0.3 | 0.5% |
| 75.3% | 56.6 | 57.3 | 0.7 | 1.2% | 75.3% | 57.6 | 57.8 | 0.2 | 0.4% | 75.3% | 59.1 | 59.1 | 0.0 | 0.0% | 75.3% | 56.8 | 57.2 | 0.4 | 0.7% |
| 76.5% | 56.6 | 57.3 | 0.7 | 1.2% | 76.5% | 57.6 | 57.8 | 0.2 | 0.3% | 76.5% | 59.1 | 59.0 | -0.1 | -0.2% | 76.5% | 56.8 | 56.9 | 0.2 | 0.3% |
| 77.8% | 56.6 | 57.3 | 0.7 | 1.2% | 77.8% | 57.6 | 57.7 | 0.2 | 0.3% | 77.8% | 59.1 | 58.9 | -0.2 | -0.3% | 77.8% | 56.4 | 56.6 | 0.2 | 0.4% |
| 79.0% | 56.6 | 57.2 | 0.7 | 1.2% | 79.0% | 57.5 | 57.7 | 0.2 | 0.4% | 79.0% | 59.0 | 58.9 | -0.2 | -0.3% | 79.0% | 56.4 | 56.5 | 0.1 | 0.2% |
| 80.2% | 56.5 | 57.2 | 0.7 | 1.2% | 80.2% | 57.5 | 57.7 | 0.2 | 0.4% | 80.2% | 59.0 | 58.7 | -0.3 | -0.5% | 80.2% | 56.2 | 56.3 | 0.2 | 0.3% |
| 81.5% | 56.4 | 57.1 | 0.7 | 1.2% | 81.5% | 57.5 | 57.7 | 0.2 | 0.4% | 81.5% | 59.0 | 58.7 | -0.2 | -0.4% | 81.5% | 56.1 | 56.2 | 0.1 | 0.2% |
| 82.7% | 56.4 | 57.1 | 0.7 | 1.2% | 82.7% | 57.3 | 57.5 | 0.2 | 0.4% | 82.7% | 58.9 | 58.7 | -0.3 | -0.4% | 82.7% | 56.1 | 56.2 | 0.2 | 0.3% |
| 84.0% | 56.4 | 57.0 | 0.6 | 1.1% | 84.0% | 57.3 | 57.5 | 0.2 | 0.4% | 84.0% | 58.9 | 58.7 | -0.2 | -0.4% | 84.0% | 55.6 | 56.1 | 0.5 | 0.9% |
| 85.2% | 56.4 | 57.0 | 0.6 | 1.1% | 85.2% | 57.2 | 57.5 | 0.3 | 0.5% | 85.2% | 58.9 | 58.7 | -0.2 | -0.4% | 85.2% | 55.5 | 56.0 | 0.4 | 0.8% |
| 86.4% | 56.4 | 57.0 | 0.6 | 1.1% | 86.4% | 57.1 | 57.4 | 0.3 | 0.5% | 86.4% | 58.9 | 58.6 | -0.3 | -0.5% | 86.4% | 55.5 | 55.9 | 0.4 | 0.8% |
| 87.7% | 56.4 | 57.0 | 0.6 | 1.1% | 87.7% | 57.0 | 57.3 | 0.3 | 0.5% | 87.7% | 58.9 | 58.5 | -0.4 | -0.6% | 87.7% | 55.5 | 55.8 | 0.3 | 0.6% |
| 88.9% | 56.2 | 57.0 | 0.8 | 1.4% | 88.9% | 57.0 | 57.1 | 0.1 | 0.3% | 88.9% | 58.8 | 58.4 | -0.4 | -0.7% | 88.9% | 55.3 | 55.8 | 0.6 | 1.0% |
| 90.1% | 56.1 | 56.9 | 0.8 | 1.4% | 90.1% | 56.9 | 57.0 | 0.0 | 0.1% | 90.1% | 58.6 | 58.3 | -0.3 | -0.5% | 90.1% | 55.1 | 55.7 | 0.6 | 1.0% |
| 91.4% | 56.1 | 56.9 | 0.8 | 1.4% | 91.4% | 56.9 | 56.9 | 0.0 | 0.0% | 91.4% | 58.5 | 58.2 | -0.3 | -0.5% | 91.4% | 55.0 | 55.6 | 0.6 | 1.1% |
| 92.6% | 56.1 | 56.9 | 0.8 | 1.4% | 92.6% | 56.8 | 56.9 | 0.1 | 0.2% | 92.6% | 58.3 | 58.1 | -0.2 | -0.3% | 92.6% | 55.0 | 55.3 | 0.3 | 0.6% |
| 93.8% | 56.1 | 56.8 | 0.7 | 1.3% | 93.8% | 56.7 | 56.9 | 0.2 | 0.4% | 93.8% | 58.0 | 58.0 | 0.1 | 0.1% | 93.8% | 54.9 | 54.7 | -0.2 | -0.3% |
| 95.1% | 56.0 | 56.6 | 0.6 | 1.1% | 95.1% | 56.7 | 56.9 | 0.2 | 0.4% | 95.1% | 57.4 | 58.0 | 0.6 | 1.0% | 95.1% | 54.9 | 54.6 | -0.3 | -0.6% |
| 96.3% | 55.9 | 56.4 | 0.5 | 0.9% | 96.3% | 56.6 | 56.8 | 0.2 | 0.3% | 96.3% | 57.3 | 57.9 | 0.7 | 1.2% | 96.3% | 54.1 | 54.2 | 0.2 | 0.3% |
| 97.5% | 55.7 | 56.4 | 0.7 | 1.3% | 97.5% | 56.6 | 56.7 | 0.2 | 0.3% | 97.5% | 57.0 | 57.9 | 0.9 | 1.6% | 97.5% | 53.7 | 54.0 | 0.3 | 0.5% |
| 98.8% | 55.5 | 56.3 | 0.8 | 1.5% | 98.8% | 56.5 | 56.7 | 0.2 | 0.4% | 98.8% | 56.8 | 57.9 | 1.0 | 1.8% | 98.8% | 53.7 | 53.8 | 0.1 | 0.2% |
| 100.0% | 55.5 | 56.3 | 0.8 | 1.5% | 100.0% | 56.5 | 56.7 | 0.2 | 0.4% | 100.0% | 56.8 | 57.9 | 1.0 | 1.8% | 100.0% | 53.7 | 53.8 | 0.1 | 0.2% |

## Table SQ7-1b

**Sacramento River at Red Bluff, Monthly Temperature**

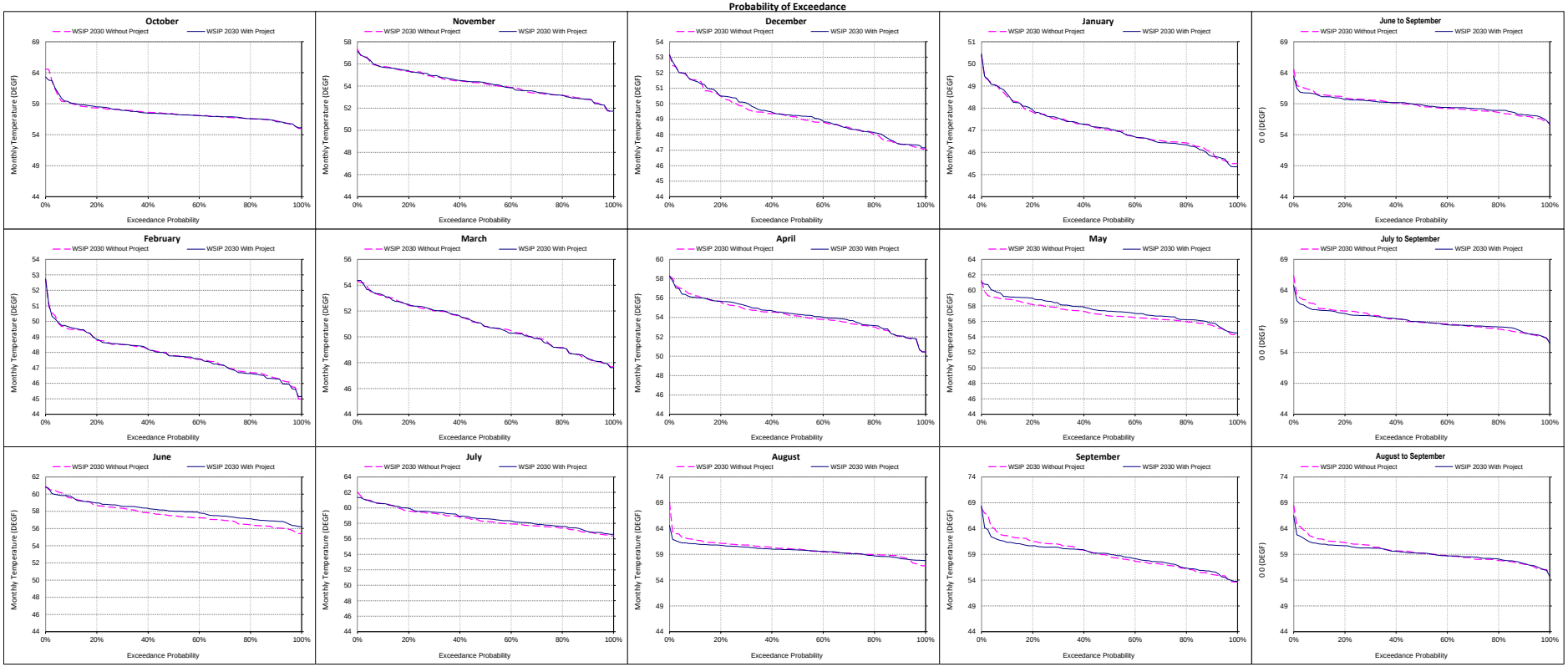
**Probability of Exceedance**

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 64.6 | 63.5 | -1.1 | -1.7% |
| 1.2% | 62.1 | 61.6 | -0.5 | -0.8% |
| 2.5% | 61.8 | 61.0 | -0.8 | -1.3% |
| 3.7% | 61.7 | 60.9 | -0.8 | -1.3% |
| 4.9% | 61.5 | 60.8 | -0.7 | -1.1% |
| 6.2% | 61.4 | 60.8 | -0.5 | -0.9% |
| 7.4% | 61.3 | 60.7 | -0.6 | -0.9% |
| 8.6% | 60.7 | 60.7 | 0.0 | 0.0% |
| 9.9% | 60.5 | 60.4 | -0.2 | -0.3% |
| 11.1% | 60.5 | 60.2 | -0.3 | -0.5% |
| 12.3% | 60.5 | 60.2 | -0.3 | -0.4% |
| 13.6% | 60.4 | 60.2 | -0.2 | -0.4% |
| 14.8% | 60.4 | 60.2 | -0.2 | -0.4% |
| 16.0% | 60.3 | 60.0 | -0.3 | -0.4% |
| 17.3% | 60.3 | 60.0 | -0.3 | -0.4% |
| 18.5% | 60.3 | 59.9 | -0.3 | -0.5% |
| 19.8% | 60.1 | 59.8 | -0.3 | -0.4% |
| 21.0% | 59.9 | 59.8 | -0.1 | -0.2% |
| 22.2% | 59.9 | 59.7 | -0.2 | -0.3% |
| 23.5% | 59.9 | 59.7 | -0.2 | -0.3% |
| 24.7% | 59.8 | 59.7 | -0.2 | -0.3% |
| 25.9% | 59.8 | 59.7 | -0.2 | -0.3% |
| 27.2% | 59.8 | 59.6 | -0.2 | -0.3% |
| 28.4% | 59.7 | 59.6 | -0.1 | -0.2% |
| 29.6% | 59.7 | 59.5 | -0.1 | -0.2% |
| 30.9% | 59.7 | 59.5 | -0.2 | -0.3% |
| 32.1% | 59.7 | 59.4 | -0.2 | -0.4% |
| 33.3% | 59.6 | 59.3 | -0.3 | -0.5% |
| 34.6% | 59.5 | 59.3 | -0.2 | -0.3% |
| 35.8% | 59.4 | 59.3 | -0.1 | -0.2% |
| 37.0% | 59.4 | 59.3 | -0.1 | -0.2% |
| 38.3% | 59.3 | 59.3 | 0.0 | 0.0% |
| 39.5% | 59.2 | 59.3 | 0.1 | 0.1% |
| 40.7% | 59.2 | 59.3 | 0.1 | 0.1% |
| 42.0% | 59.1 | 59.3 | 0.1 | 0.2% |
| 43.2% | 59.0 | 59.3 | 0.2 | 0.4% |
| 44.4% | 59.0 | 59.1 | 0.1 | 0.2% |
| 45.7% | 59.0 | 59.1 | 0.1 | 0.2% |
| 46.9% | 59.0 | 59.0 | 0.0 | 0.1% |
| 48.1% | 58.9 | 59.0 | 0.1 | 0.1% |
| 49.4% | 58.6 | 58.9 | 0.3 | 0.5% |
| 50.6% | 58.6 | 58.8 | 0.3 | 0.5% |
| 51.9% | 58.6 | 58.7 | 0.2 | 0.3% |
| 53.1% | 58.5 | 58.7 | 0.1 | 0.2% |
| 54.3% | 58.5 | 58.6 | 0.1 | 0.2% |
| 55.6% | 58.5 | 58.5 | 0.1 | 0.1% |
| 56.8% | 58.4 | 58.5 | 0.1 | 0.2% |
| 58.0% | 58.3 | 58.5 | 0.2 | 0.3% |
| 59.3% | 58.3 | 58.5 | 0.2 | 0.3% |
| 60.5% | 58.3 | 58.5 | 0.1 | 0.2% |
| 61.7% | 58.3 | 58.4 | 0.1 | 0.2% |
| 63.0% | 58.3 | 58.4 | 0.1 | 0.2% |
| 64.2% | 58.2 | 58.4 | 0.2 | 0.3% |
| 65.4% | 58.2 | 58.4 | 0.2 | 0.4% |
| 66.7% | 58.2 | 58.4 | 0.3 | 0.4% |
| 67.9% | 58.1 | 58.3 | 0.2 | 0.4% |
| 69.1% | 58.1 | 58.3 | 0.3 | 0.4% |
| 70.4% | 58.0 | 58.3 | 0.4 | 0.6% |
| 71.6% | 58.0 | 58.3 | 0.3 | 0.6% |
| 72.8% | 57.9 | 58.3 | 0.3 | 0.6% |
| 74.1% | 57.9 | 58.3 | 0.4 | 0.6% |
| 75.3% | 57.9 | 58.1 | 0.2 | 0.3% |
| 76.5% | 57.8 | 58.1 | 0.2 | 0.4% |
| 77.8% | 57.8 | 58.0 | 0.2 | 0.4% |
| 79.0% | 57.7 | 58.0 | 0.3 | 0.5% |
| 80.2% | 57.7 | 58.0 | 0.3 | 0.6% |
| 81.5% | 57.5 | 58.0 | 0.5 | 0.8% |
| 82.7% | 57.5 | 58.0 | 0.5 | 0.9% |
| 84.0% | 57.4 | 57.8 | 0.4 | 0.7% |
| 85.2% | 57.3 | 57.8 | 0.4 | 0.7% |
| 86.4% | 57.3 | 57.6 | 0.3 | 0.5% |
| 87.7% | 57.1 | 57.4 | 0.2 | 0.4% |
| 88.9% | 57.1 | 57.4 | 0.3 | 0.5% |
| 90.1% | 57.0 | 57.3 | 0.3 | 0.4% |
| 91.4% | 57.0 | 57.3 | 0.2 | 0.4% |
| 92.6% | 56.9 | 57.2 | 0.2 | 0.4% |
| 93.8% | 56.7 | 57.1 | 0.4 | 0.7% |
| 95.1% | 56.7 | 57.1 | 0.4 | 0.7% |
| 96.3% | 56.7 | 56.9 | 0.3 | 0.5% |
| 97.5% | 56.4 | 56.6 | 0.3 | 0.5% |
| 98.8% | 56.2 | 56.4 | 0.1 | 0.2% |
| 100.0% | 55.8 | 55.7 | -0.1 | -0.2% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 66.4 | 64.8 | -1.6 | -2.4% |
| 1.2% | 63.2 | 62.4 | -0.8 | -1.3% |
| 2.5% | 62.9 | 61.9 | -1.0 | -1.6% |
| 3.7% | 62.6 | 61.7 | -0.9 | -1.4% |
| 4.9% | 62.5 | 61.5 | -1.1 | -1.7% |
| 6.2% | 62.0 | 61.2 | -0.9 | -1.4% |
| 7.4% | 62.0 | 61.0 | -1.0 | -1.7% |
| 8.6% | 61.8 | 61.0 | -0.8 | -1.3% |
| 9.9% | 61.1 | 60.9 | -0.2 | -0.4% |
| 11.1% | 61.1 | 60.8 | -0.3 | -0.5% |
| 12.3% | 61.1 | 60.8 | -0.3 | -0.5% |
| 13.6% | 61.1 | 60.8 | -0.3 | -0.5% |
| 14.8% | 60.9 | 60.8 | -0.2 | -0.3% |
| 16.0% | 60.9 | 60.7 | -0.2 | -0.3% |
| 17.3% | 60.8 | 60.5 | -0.4 | -0.6% |
| 18.5% | 60.8 | 60.4 | -0.4 | -0.6% |
| 19.8% | 60.8 | 60.4 | -0.4 | -0.6% |
| 21.0% | 60.7 | 60.2 | -0.5 | -0.8% |
| 22.2% | 60.7 | 60.1 | -0.6 | -1.0% |
| 23.5% | 60.7 | 60.1 | -0.6 | -1.0% |
| 24.7% | 60.6 | 60.1 | -0.5 | -0.9% |
| 25.9% | 60.5 | 60.0 | -0.4 | -0.7% |
| 27.2% | 60.4 | 60.0 | -0.4 | -0.7% |
| 28.4% | 60.4 | 60.0 | -0.4 | -0.7% |
| 29.6% | 60.1 | 60.0 | -0.2 | -0.3% |
| 30.9% | 60.0 | 59.9 | -0.1 | -0.2% |
| 32.1% | 60.0 | 59.9 | -0.2 | -0.3% |
| 33.3% | 60.0 | 59.8 | -0.2 | -0.3% |
| 34.6% | 59.7 | 59.7 | 0.0 | 0.1% |
| 35.8% | 59.7 | 59.6 | 0.0 | -0.1% |
| 37.0% | 59.5 | 59.6 | 0.1 | 0.2% |
| 38.3% | 59.5 | 59.6 | 0.1 | 0.2% |
| 39.5% | 59.5 | 59.5 | 0.1 | 0.1% |
| 40.7% | 59.5 | 59.5 | 0.0 | 0.0% |
| 42.0% | 59.4 | 59.4 | 0.0 | 0.0% |
| 43.2% | 59.4 | 59.4 | 0.0 | 0.0% |
| 44.4% | 59.0 | 59.3 | 0.3 | 0.4% |
| 45.7% | 59.0 | 59.1 | 0.0 | 0.1% |
| 46.9% | 59.0 | 59.1 | 0.0 | 0.1% |
| 48.1% | 59.0 | 59.0 | 0.0 | 0.1% |
| 49.4% | 58.9 | 59.0 | 0.1 | 0.2% |
| 50.6% | 58.9 | 59.0 | 0.1 | 0.1% |
| 51.9% | 58.9 | 58.9 | 0.0 | 0.1% |
| 53.1% | 58.8 | 58.8 | 0.0 | 0.1% |
| 54.3% | 58.8 | 58.8 | 0.0 | 0.1% |
| 55.6% | 58.8 | 58.8 | 0.0 | -0.1% |
| 56.8% | 58.7 | 58.8 | 0.0 | 0.1% |
| 58.0% | 58.7 | 58.6 | -0.1 | -0.2% |
| 59.3% | 58.7 | 58.5 | -0.1 | -0.3% |
| 60.5% | 58.6 | 58.5 | -0.1 | -0.3% |
| 61.7% | 58.6 | 58.5 | -0.1 | -0.2% |
| 63.0% | 58.5 | 58.5 | 0.0 | -0.1% |
| 64.2% | 58.5 | 58.5 | 0.0 | -0.1% |
| 65.4% | 58.5 | 58.5 | 0.0 | 0.0% |
| 66.7% | 58.4 | 58.4 | 0.0 | 0.0% |
| 67.9% | 58.3 | 58.4 | 0.1 | 0.2% |
| 69.1% | 58.3 | 58.4 | 0.1 | 0.2% |
| 70.4% | 58.2 | 58.4 | 0.1 | 0.2% |
| 71.6% | 58.2 | 58.3 | 0.1 | 0.2% |
| 72.8% | 58.2 | 58.3 | 0.1 | 0.2% |
| 74.1% | 58.1 | 58.3 | 0.2 | 0.3% |
| 75.3% | 58.0 | 58.3 | 0.3 | 0.4% |
| 76.5% | 58.0 | 58.2 | 0.3 | 0.5% |
| 77.8% | 57.9 | 58.2 | 0.3 | 0.5% |
| 79.0% | 57.9 | 58.2 | 0.3 | 0.6% |
| 80.2% | 57.8 | 58.2 | 0.4 | 0.6% |
| 81.5% | 57.7 | 58.2 | 0.4 | 0.8% |
| 82.7% | 57.7 | 58.1 | 0.5 | 0.8% |
| 84.0% | 57.6 | 58.1 | 0.4 | 0.8% |
| 85.2% | 57.5 | 58.0 | 0.5 | 0.9% |
| 86.4% | 57.4 | 57.9 | 0.5 | 0.8% |
| 87.7% | 57.4 | 57.7 | 0.3 | 0.6% |
| 88.9% | 57.2 | 57.5 | 0.2 | 0.4% |
| 90.1% | 57.2 | 57.2 | -0.1 | -0.1% |
| 91.4% | 57.2 | 57.1 | -0.1 | -0.2% |
| 92.6% | 56.9 | 57.0 | 0.1 | 0.2% |
| 93.8% | 56.9 | 57.0 | 0.1 | 0.2% |
| 95.1% | 56.7 | 56.9 | 0.2 | 0.3% |
| 96.3% | 56.7 | 56.8 | 0.1 | 0.1% |
| 97.5% | 56.6 | 56.5 | -0.1 | -0.2% |
| 98.8% | 56.3 | 56.4 | 0.1 | 0.2% |
| 100.0% | 55.7 | 55.5 | -0.2 | -0.4% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 68.5 | 66.5 | -2.0 | -2.9% |
| 1.2% | 64.6 | 62.9 | -1.8 | -2.7% |
| 2.5% | 64.5 | 62.6 | -1.9 | -3.0% |
| 3.7% | 63.9 | 62.2 | -1.6 | -2.5% |
| 4.9% | 63.6 | 61.9 | -1.7 | -2.7% |
| 6.2% | 62.7 | 61.5 | -1.2 | -1.9% |
| 7.4% | 62.5 | 61.3 | -1.2 | -1.9% |
| 8.6% | 62.2 | 61.2 | -1.0 | -1.5% |
| 9.9% | 62.1 | 61.1 | -1.0 | -1.6% |
| 11.1% | 62.1 | 61.0 | -1.0 | -1.6% |
| 12.3% | 61.8 | 61.0 | -0.8 | -1.2% |
| 13.6% | 61.7 | 60.9 | -0.8 | -1.3% |
| 14.8% | 61.6 | 60.9 | -0.7 | -1.2% |
| 16.0% | 61.6 | 60.8 | -0.8 | -1.2% |
| 17.3% | 61.6 | 60.8 | -0.8 | -1.2% |
| 18.5% | 61.5 | 60.8 | -0.7 | -1.1% |
| 19.8% | 61.4 | 60.7 | -0.6 | -1.1% |
| 21.0% | 61.3 | 60.7 | -0.6 | -0.9% |
| 22.2% | 61.2 | 60.6 | -0.6 | -1.0% |
| 23.5% | 61.1 | 60.5 | -0.6 | -1.0% |
| 24.7% | 61.1 | 60.3 | -0.7 | -1.2% |
| 25.9% | 61.0 | 60.3 | -0.7 | -1.1% |
| 27.2% | 61.0 | 60.3 | -0.6 | -1.1% |
| 28.4% | 60.9 | 60.3 | -0.6 | -1.0% |
| 29.6% | 60.9 | 60.3 | -0.6 | -0.9% |
| 30.9% | 60.5 | 60.3 | -0.2 | -0.4% |
| 32.1% | 60.5 | 60.3 | -0.2 | -0.3% |
| 33.3% | 60.4 | 60.3 | -0.2 | -0.3% |
| 34.6% | 60.1 | 60.1 | 0.0 | 0.1% |
| 35.8% | 60.0 | 60.1 | 0.1 | 0.1% |
| 37.0% | 59.9 | 59.8 | -0.1 | -0.1% |
| 38.3% | 59.8 | 59.7 | -0.1 | -0.1% |
| 39.5% | 59.8 | 59.7 | -0.1 | -0.1% |
| 40.7% | 59.7 | 59.6 | -0.1 | -0.2% |
| 42.0% | 59.7 | 59.6 | -0.2 | -0.3% |
| 43.2% | 59.7 | 59.5 | -0.2 | -0.3% |
| 44.4% | 59.7 | 59.4 | -0.3 | -0.5% |
| 45.7% | 59.6 | 59.4 | -0.2 | -0.3% |
| 46.9% | 59.4 | 59.4 | -0.1 | -0.2% |
| 48.1% | 59.4 | 59.3 | 0.0 | 0.0% |
| 49.4% | 59.3 | 59.3 | 0.0 | -0.1% |
| 50.6% | 59.3 | 59.3 | -0.1 | -0.1% |
| 51.9% | 59.2 | 59.3 | 0.1 | 0.2% |
| 53.1% | 59.1 | 59.2 | 0.0 | 0.0% |
| 54.3% | 59.1 | 59.1 | 0.0 | 0.0% |
| 55.6% | 59.0 | 59.0 | 0.0 | -0.1% |
| 56.8% | 58.9 | 58.8 | -0.1 | -0.1% |
| 58.0% | 58.9 | 58.8 | -0.1 | -0.1% |
| 59.3% | 58.9 | 58.8 | -0.1 | -0.1% |
| 60.5% | 58.8 | 58.8 | 0.0 | 0.0% |
| 61.7% | 58.7 | 58.8 | 0.1 | 0.1% |
| 63.0% | 58.7 | 58.8 | 0.1 | 0.1% |
| 64.2% | 58.6 | 58.7 | 0.1 | 0.2% |
| 65.4% | 58.5 | 58.7 | 0.2 | 0.4% |
| 66.7% | 58.5 | 58.6 | 0.2 | 0.3% |
| 67.9% | 58.5 | 58.6 | 0.2 | 0.3% |
| 69.1% | 58.4 | 58.6 | 0.2 | 0.3% |
| 70.4% | 58.2 | 58.5 | 0.4 | 0.6% |
| 71.6% | 58.1 | 58.5 | 0.4 | 0.7% |
| 72.8% | 58.1 | 58.4 | 0.3 | 0.5% |
| 74.1% | 58.1 | 58.3 | 0.2 | 0.3% |
| 75.3% | 58.1 | 58.3 | 0.2 | 0.3% |
| 76.5% | 58.1 | 58.3 | 0.2 | 0.3% |
| 77.8% | 58.1 | 58.3 | 0.2 | 0.3% |
| 79.0% | 58.0 | 58.2 | 0.3 | 0.5% |
| 80.2% | 57.8 | 58.1 | 0.3 | 0.5% |
| 81.5% | 57.8 | 58.0 | 0.1 | 0.2% |
| 82.7% | 57.8 | 57.9 | 0.1 | 0.2% |
| 84.0% | 57.7 | 57.8 | 0.1 | 0.2% |
| 85.2% | 57.6 | 57.8 | 0.2 | 0.3% |
| 86.4% | 57.5 | 57.7 | 0.3 | 0.5% |
| 87.7% | 57.3 | 57.6 | 0.3 | 0.5% |
| 88.9% | 57.3 | 57.4 | 0.1 | 0.2% |
| 90.1% | 57.1 | 57.3 | 0.2 | 0.3% |
| 91.4% | 57.1 | 57.1 | 0.0 | 0.0% |
| 92.6% | 57.0 | 56.9 | -0.1 | -0.1% |
| 93.8% | 56.6 | 56.9 | 0.3 | 0.5% |
| 95.1% | 56.3 | 56.6 | 0.3 | 0.6% |
| 96.3% | 56.2 | 56.4 | 0.2 | 0.3% |
| 97.5% | 56.1 | 56.1 | -0.1 | -0.1% |
| 98.8% | 56.1 | 56.0 | -0.1 | -0.2% |
| 100.0% | 55.2 | 54.8 | -0.4 | -0.6% |

**Figure SQ8-1b**
**Sacramento River below Red Bluff, Monthly Temperature**
**Probability of Exceedance**



## Table SQ8-1b

**Sacramento River below Red Bluff, Monthly Temperature**

**Probability of Exceedance**

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 64.6 | 63.3 | -1.3 | -2.0% | 0.0% | 57.3 | 57.1 | -0.2 | -0.3% | 0.0% | 53.2 | 53.1 | -0.1 | -0.1% | 0.0% | 50.4 | 50.5 | 0.1 | 0.1% |
| 1.2% | 64.5 | 62.8 | -1.7 | -2.7% | 1.2% | 56.8 | 56.8 | 0.0 | 0.1% | 1.2% | 52.5 | 52.7 | 0.3 | 0.5% | 1.2% | 49.4 | 49.4 | 0.0 | 0.1% |
| 2.5% | 62.6 | 62.7 | 0.1 | 0.2% | 2.5% | 56.6 | 56.7 | 0.0 | 0.0% | 2.5% | 52.4 | 52.4 | 0.0 | 0.0% | 2.5% | 49.3 | 49.3 | 0.0 | 0.1% |
| 3.7% | 61.4 | 61.5 | 0.2 | 0.3% | 3.7% | 56.6 | 56.5 | -0.1 | -0.1% | 3.7% | 52.1 | 52.0 | 0.0 | -0.1% | 3.7% | 49.1 | 49.1 | -0.1 | -0.1% |
| 4.9% | 60.2 | 60.7 | 0.5 | 0.8% | 4.9% | 56.2 | 56.3 | 0.2 | 0.3% | 4.9% | 52.0 | 52.0 | 0.0 | 0.0% | 4.9% | 49.1 | 49.0 | 0.0 | 0.0% |
| 6.2% | 59.4 | 59.9 | 0.5 | 0.8% | 6.2% | 55.9 | 56.0 | 0.1 | 0.1% | 6.2% | 51.9 | 52.0 | 0.0 | 0.1% | 6.2% | 49.0 | 49.0 | 0.0 | 0.0% |
| 7.4% | 59.3 | 59.4 | 0.1 | 0.1% | 7.4% | 55.9 | 55.9 | 0.0 | 0.0% | 7.4% | 51.6 | 51.7 | 0.1 | 0.1% | 7.4% | 48.8 | 48.9 | 0.1 | 0.2% |
| 8.6% | 59.2 | 59.4 | 0.2 | 0.3% | 8.6% | 55.8 | 55.8 | 0.0 | -0.1% | 8.6% | 51.5 | 51.5 | 0.0 | 0.0% | 8.6% | 48.7 | 48.8 | 0.1 | 0.3% |
| 9.9% | 59.1 | 59.1 | -0.1 | -0.1% | 9.9% | 55.8 | 55.7 | -0.1 | -0.2% | 9.9% | 51.5 | 51.5 | -0.1 | -0.1% | 9.9% | 48.5 | 48.7 | 0.1 | 0.2% |
| 11.1% | 58.9 | 59.0 | 0.2 | 0.3% | 11.1% | 55.7 | 55.7 | -0.1 | -0.1% | 11.1% | 51.5 | 51.4 | -0.1 | -0.2% | 11.1% | 48.4 | 48.5 | 0.1 | 0.1% |
| 12.3% | 58.8 | 58.9 | 0.1 | 0.2% | 12.3% | 55.7 | 55.6 | 0.0 | -0.1% | 12.3% | 51.4 | 51.3 | -0.1 | -0.2% | 12.3% | 48.3 | 48.3 | -0.1 | -0.1% |
| 13.6% | 58.6 | 58.9 | 0.2 | 0.4% | 13.6% | 55.6 | 55.6 | 0.0 | -0.1% | 13.6% | 50.8 | 51.2 | 0.4 | 0.8% | 13.6% | 48.3 | 48.2 | 0.0 | -0.1% |
| 14.8% | 58.5 | 58.9 | 0.3 | 0.5% | 14.8% | 55.6 | 55.6 | 0.0 | 0.0% | 14.8% | 50.8 | 51.0 | 0.2 | 0.3% | 14.8% | 48.3 | 48.2 | -0.1 | -0.1% |
| 16.0% | 58.5 | 58.7 | 0.2 | 0.4% | 16.0% | 55.5 | 55.5 | 0.1 | 0.1% | 16.0% | 50.8 | 50.9 | 0.1 | 0.3% | 16.0% | 48.1 | 48.1 | 0.0 | 0.0% |
| 17.3% | 58.4 | 58.7 | 0.3 | 0.5% | 17.3% | 55.4 | 55.5 | 0.0 | 0.1% | 17.3% | 50.7 | 50.9 | 0.2 | 0.4% | 17.3% | 47.9 | 48.1 | 0.2 | 0.3% |
| 18.5% | 58.3 | 58.6 | 0.3 | 0.5% | 18.5% | 55.3 | 55.4 | 0.1 | 0.2% | 18.5% | 50.7 | 50.7 | 0.1 | 0.1% | 18.5% | 47.9 | 48.0 | 0.1 | 0.3% |
| 19.8% | 58.3 | 58.5 | 0.2 | 0.3% | 19.8% | 55.3 | 55.4 | 0.1 | 0.2% | 19.8% | 50.5 | 50.5 | 0.0 | 0.0% | 19.8% | 47.8 | 47.9 | 0.1 | 0.2% |
| 21.0% | 58.3 | 58.5 | 0.2 | 0.3% | 21.0% | 55.3 | 55.3 | 0.0 | -0.1% | 21.0% | 50.4 | 50.5 | 0.1 | 0.2% | 21.0% | 47.8 | 47.8 | 0.1 | 0.1% |
| 22.2% | 58.3 | 58.4 | 0.1 | 0.3% | 22.2% | 55.3 | 55.3 | 0.0 | 0.0% | 22.2% | 50.3 | 50.5 | 0.2 | 0.4% | 22.2% | 47.8 | 47.8 | 0.0 | 0.1% |
| 23.5% | 58.2 | 58.4 | 0.3 | 0.4% | 23.5% | 55.3 | 55.2 | -0.1 | -0.1% | 23.5% | 50.2 | 50.4 | 0.2 | 0.4% | 23.5% | 47.7 | 47.7 | 0.0 | 0.0% |
| 24.7% | 58.1 | 58.3 | 0.2 | 0.4% | 24.7% | 55.3 | 55.2 | -0.1 | -0.2% | 24.7% | 50.0 | 50.4 | 0.3 | 0.7% | 24.7% | 47.7 | 47.7 | 0.0 | -0.1% |
| 25.9% | 58.1 | 58.1 | 0.1 | 0.1% | 25.9% | 55.0 | 55.2 | 0.2 | 0.3% | 25.9% | 50.0 | 50.4 | 0.4 | 0.7% | 25.9% | 47.6 | 47.6 | 0.0 | 0.1% |
| 27.2% | 58.1 | 58.1 | 0.0 | 0.0% | 27.2% | 54.9 | 55.1 | 0.2 | 0.3% | 27.2% | 49.9 | 50.1 | 0.2 | 0.5% | 27.2% | 47.6 | 47.6 | 0.0 | 0.1% |
| 28.4% | 58.1 | 58.1 | 0.0 | 0.0% | 28.4% | 54.9 | 55.0 | 0.0 | 0.1% | 28.4% | 49.8 | 50.1 | 0.3 | 0.5% | 28.4% | 47.5 | 47.6 | 0.1 | 0.2% |
| 29.6% | 58.0 | 57.9 | 0.0 | -0.1% | 29.6% | 54.8 | 54.9 | 0.1 | 0.2% | 29.6% | 49.7 | 50.1 | 0.3 | 0.7% | 29.6% | 47.5 | 47.6 | 0.1 | 0.1% |
| 30.9% | 58.0 | 57.9 | 0.0 | -0.1% | 30.9% | 54.8 | 54.9 | 0.1 | 0.2% | 30.9% | 49.6 | 50.0 | 0.4 | 0.8% | 30.9% | 47.5 | 47.5 | 0.0 | 0.0% |
| 32.1% | 57.9 | 57.9 | -0.1 | -0.1% | 32.1% | 54.8 | 54.8 | 0.0 | 0.1% | 32.1% | 49.5 | 49.8 | 0.3 | 0.6% | 32.1% | 47.5 | 47.4 | -0.1 | -0.1% |
| 33.3% | 57.9 | 57.8 | -0.2 | -0.3% | 33.3% | 54.6 | 54.7 | 0.1 | 0.2% | 33.3% | 49.5 | 49.7 | 0.3 | 0.5% | 33.3% | 47.4 | 47.4 | 0.0 | -0.1% |
| 34.6% | 57.9 | 57.8 | -0.1 | -0.2% | 34.6% | 54.6 | 54.7 | 0.2 | 0.3% | 34.6% | 49.5 | 49.6 | 0.2 | 0.3% | 34.6% | 47.4 | 47.4 | 0.0 | -0.1% |
| 35.8% | 57.8 | 57.7 | 0.0 | 0.0% | 35.8% | 54.6 | 54.7 | 0.1 | 0.2% | 35.8% | 49.5 | 49.6 | 0.1 | 0.2% | 35.8% | 47.4 | 47.4 | 0.0 | 0.1% |
| 37.0% | 57.8 | 57.6 | -0.2 | -0.3% | 37.0% | 54.5 | 54.6 | 0.1 | 0.2% | 37.0% | 49.4 | 49.6 | 0.1 | 0.3% | 37.0% | 47.3 | 47.4 | 0.1 | 0.1% |
| 38.3% | 57.6 | 57.6 | -0.1 | -0.1% | 38.3% | 54.5 | 54.6 | 0.1 | 0.2% | 38.3% | 49.4 | 49.5 | 0.1 | 0.3% | 38.3% | 47.3 | 47.3 | 0.0 | 0.0% |
| 39.5% | 57.6 | 57.5 | -0.1 | -0.3% | 39.5% | 54.4 | 54.5 | 0.1 | 0.1% | 39.5% | 49.4 | 49.5 | 0.1 | 0.2% | 39.5% | 47.3 | 47.3 | 0.0 | 0.0% |
| 40.7% | 57.6 | 57.5 | -0.1 | -0.2% | 40.7% | 54.4 | 54.5 | 0.0 | 0.1% | 40.7% | 49.4 | 49.4 | 0.0 | 0.1% | 40.7% | 47.3 | 47.3 | 0.0 | 0.0% |
| 42.0% | 57.6 | 57.4 | -0.1 | -0.2% | 42.0% | 54.4 | 54.4 | 0.0 | 0.1% | 42.0% | 49.4 | 49.3 | 0.0 | 0.0% | 42.0% | 47.3 | 47.2 | 0.0 | -0.1% |
| 43.2% | 57.5 | 57.4 | -0.1 | -0.2% | 43.2% | 54.4 | 54.4 | 0.0 | 0.1% | 43.2% | 49.4 | 49.3 | 0.0 | -0.1% | 43.2% | 47.2 | 47.2 | 0.0 | -0.1% |
| 44.4% | 57.5 | 57.4 | -0.1 | -0.2% | 44.4% | 54.3 | 54.4 | 0.1 | 0.1% | 44.4% | 49.3 | 49.3 | 0.0 | 0.0% | 44.4% | 47.1 | 47.2 | 0.0 | 0.1% |
| 45.7% | 57.5 | 57.4 | 0.0 | -0.1% | 45.7% | 54.3 | 54.4 | 0.1 | 0.2% | 45.7% | 49.2 | 49.3 | 0.1 | 0.1% | 45.7% | 47.1 | 47.1 | 0.0 | 0.1% |
| 46.9% | 57.4 | 57.4 | 0.0 | -0.1% | 46.9% | 54.3 | 54.4 | 0.1 | 0.2% | 46.9% | 49.2 | 49.3 | 0.1 | 0.2% | 46.9% | 47.1 | 47.1 | 0.0 | 0.0% |
| 48.1% | 57.4 | 57.4 | 0.0 | -0.1% | 48.1% | 54.3 | 54.4 | 0.1 | 0.2% | 48.1% | 49.2 | 49.2 | 0.1 | 0.2% | 48.1% | 47.0 | 47.1 | 0.1 | 0.1% |
| 49.4% | 57.4 | 57.3 | -0.1 | -0.2% | 49.4% | 54.2 | 54.3 | 0.1 | 0.2% | 49.4% | 49.2 | 49.2 | 0.1 | 0.2% | 49.4% | 47.0 | 47.1 | 0.1 | 0.2% |
| 50.6% | 57.3 | 57.3 | 0.0 | 0.0% | 50.6% | 54.2 | 54.3 | 0.1 | 0.1% | 50.6% | 49.0 | 49.2 | 0.2 | 0.4% | 50.6% | 47.0 | 47.0 | 0.1 | 0.1% |
| 51.9% | 57.3 | 57.2 | 0.0 | 0.0% | 51.9% | 54.1 | 54.2 | 0.1 | 0.2% | 51.9% | 49.0 | 49.2 | 0.2 | 0.4% | 51.9% | 47.0 | 47.0 | 0.0 | 0.1% |
| 53.1% | 57.2 | 57.2 | 0.0 | 0.0% | 53.1% | 54.0 | 54.1 | 0.1 | 0.1% | 53.1% | 48.9 | 49.2 | 0.3 | 0.5% | 53.1% | 47.0 | 47.0 | 0.0 | 0.0% |
| 54.3% | 57.2 | 57.2 | 0.0 | 0.0% | 54.3% | 54.0 | 54.1 | 0.1 | 0.2% | 54.3% | 48.9 | 49.2 | 0.3 | 0.5% | 54.3% | 47.0 | 46.9 | 0.0 | -0.1% |
| 55.6% | 57.2 | 57.2 | 0.0 | 0.0% | 55.6% | 54.0 | 54.1 | 0.1 | 0.2% | 55.6% | 48.9 | 49.2 | 0.3 | 0.6% | 55.6% | 47.0 | 46.9 | -0.1 | -0.2% |
| 56.8% | 57.2 | 57.2 | 0.0 | 0.0% | 56.8% | 54.0 | 54.0 | 0.0 | 0.0% | 56.8% | 48.8 | 49.1 | 0.2 | 0.5% | 56.8% | 46.8 | 46.8 | 0.0 | 0.0% |
| 58.0% | 57.2 | 57.1 | -0.1 | -0.1% | 58.0% | 54.0 | 53.9 | -0.1 | -0.2% | 58.0% | 48.8 | 49.0 | 0.2 | 0.5% | 58.0% | 46.8 | 46.8 | 0.0 | 0.0% |
| 59.3% | 57.1 | 57.1 | 0.0 | 0.0% | 59.3% | 53.9 | 53.9 | 0.0 | 0.0% | 59.3% | 48.8 | 48.9 | 0.2 | 0.3% | 59.3% | 46.7 | 46.7 | 0.0 | 0.0% |
| 60.5% | 57.1 | 57.1 | 0.0 | -0.1% | 60.5% | 53.9 | 53.8 | 0.0 | 0.0% | 60.5% | 48.8 | 48.8 | 0.0 | 0.1% | 60.5% | 46.7 | 46.7 | 0.0 | 0.0% |
| 61.7% | 57.1 | 57.0 | -0.1 | -0.1% | 61.7% | 53.8 | 53.6 | -0.2 | -0.3% | 61.7% | 48.7 | 48.8 | 0.1 | 0.2% | 61.7% | 46.7 | 46.7 | 0.0 | 0.0% |
| 63.0% | 57.1 | 57.0 | -0.1 | -0.1% | 63.0% | 53.8 | 53.6 | -0.2 | -0.3% | 63.0% | 48.7 | 48.8 | 0.1 | 0.1% | 63.0% | 46.7 | 46.7 | 0.0 | 0.0% |
| 64.2% | 57.0 | 57.0 | 0.0 | 0.0% | 64.2% | 53.7 | 53.6 | -0.1 | -0.1% | 64.2% | 48.7 | 48.7 | 0.0 | 0.0% | 64.2% | 46.6 | 46.6 | 0.0 | 0.1% |
| 65.4% | 57.0 | 56.9 | 0.0 | -0.1% | 65.4% | 53.5 | 53.6 | 0.1 | 0.2% | 65.4% | 48.6 | 48.7 | 0.0 | 0.0% | 65.4% | 46.6 | 46.6 | 0.0 | 0.1% |
| 66.7% | 57.0 | 56.9 | 0.0 | -0.1% | 66.7% | 53.4 | 53.6 | 0.1 | 0.2% | 66.7% | 48.6 | 48.6 | 0.0 | 0.0% | 66.7% | 46.6 | 46.5 | 0.0 | 0.0% |
| 67.9% | 56.9 | 56.9 | 0.0 | 0.0% | 67.9% | 53.4 | 53.6 | 0.2 | 0.3% | 67.9% | 48.5 | 48.5 | 0.0 | -0.1% | 67.9% | 46.6 | 46.5 | -0.1 | -0.1% |
| 69.1% | 56.9 | 56.9 | 0.0 | 0.1% | 69.1% | 53.4 | 53.5 | 0.1 | 0.3% | 69.1% | 48.5 | 48.5 | -0.1 | -0.1% | 69.1% | 46.5 | 46.5 | -0.1 | -0.2% |
| 70.4% | 56.8 | 56.9 | 0.1 | 0.2% | 70.4% | 53.3 | 53.4 | 0.1 | 0.2% | 70.4% | 48.5 | 48.4 | -0.1 | -0.2% | 70.4% | 46.5 | 46.4 | -0.1 | -0.2% |
| 71.6% | 56.8 | 56.9 | 0.1 | 0.2% | 71.6% | 53.3 | 53.4 | 0.0 | 0.1% | 71.6% | 48.3 | 48.4 | 0.0 | 0.0% | 71.6% | 46.5 | 46.4 | -0.1 | -0.1% |
| 72.8% | 56.7 | 56.9 | 0.2 | 0.3% | 72.8% | 53.3 | 53.4 | 0.1 | 0.2% | 72.8% | 48.3 | 48.3 | 0.0 | 0.0% | 72.8% | 46.5 | 46.4 | -0.1 | -0.1% |
| 74.1% | 56.7 | 56.9 | 0.2 | 0.3% | 74.1% | 53.3 | 53.3 | 0.1 | 0.1% | 74.1% | 48.3 | 48.3 | 0.0 | 0.1% | 74.1% | 46.5 | 46.4 | -0.1 | -0.1% |
| 75.3% | 56.7 | 56.8 | 0.1 | 0.2% | 75.3% | 53.3 | 53.3 | 0.0 | 0.0% | 75.3% | 48.2 | 48.2 | 0.0 | -0.1% | 75.3% | 46.5 | 46.4 | -0.1 | -0.1% |
| 76.5% | 56.7 | 56.7 | 0.0 | 0.1% | 76.5% | 53.2 | 53.2 | 0.0 | 0.0% | 76.5% | 48.2 | 48.2 | 0.0 | -0.1% | 76.5% | 46.5 | 46.4 | -0.1 | -0.2% |
| 77.8% | 56.6 | 56.6 | 0.0 | 0.0% | 77.8% | 53.2 | 53.2 | 0.0 | 0.0% | 77.8% | 48.2 | 48.2 | 0.0 | -0.1% | 77.8% | 46.4 | 46.4 | -0.1 | -0.2% |
| 79.0% | 56.6 | 56.6 | 0.0 | 0.0% | 79.0% | 53.2 | 53.2 | 0.0 | 0.1% | 79.0% | 48.1 | 48.2 | 0.1 | 0.1% | 79.0% | 46.4 | 46.4 | -0.1 | -0.2% |
| 80.2% | 56.6 | 56.6 | 0.0 | 0.1% | 80.2% | 53.1 | 53.1 | 0.0 | 0.0% | 80.2% | 48.0 | 48.1 | 0.1 | 0.3% | 80.2% | 46.4 | 46.3 | -0.1 | -0.2% |
| 81.5% | 56.6 | 56.6 | 0.0 | 0.0% | 81.5% | 53.1 | 53.0 | -0.1 | -0.1% | 81.5% | 48.0 | 48.1 | 0.1 | 0.3% | 81.5% | 46.4 | 46.3 | -0.1 | -0.2% |
| 82.7% | 56.5 | 56.5 | 0.0 | 0.0% | 82.7% | 53.1 | 53.0 | -0.1 | -0.2% | 82.7% | 47.8 | 48.0 | 0.3 | 0.6% | 82.7% | 46.3 | 46.3 | -0.1 | -0.1% |
| 84.0% | 56.5 | 56.5 | 0.0 | 0.0% | 84.0% | 53.0 | 52.9 | -0.1 | -0.2% | 84.0% | 47.6 | 47.9 | 0.3 | 0.6% | 84.0% | 46.3 | 46.2 | 0.0 | -0.1% |
| 85.2% | 56.5 | 56.5 | 0.0 | 0.1% | 85.2% | 52.9 | 52.9 | 0.0 | -0.1% | 85.2% | 47.6 | 47.8 | 0.2 | 0.3% | 85.2% | 46.3 | 46.1 | -0.1 | -0.3% |
| 86.4% | 56.4 | 56.5 | 0.0 | 0.0% | 86.4% | 52.9 | 52.9 | -0.1 | -0.1% | 86.4% | 47.6 | 47.7 | 0.1 | 0.1% | 86.4% | 46.2 | 46.1 | -0.1 | -0.3% |
| 87.7% | 56.4 | 56.4 | 0.0 | 0.1% | 87.7% | 52.9 | 52.8 | 0.0 | 0.0% | 87.7% | 47.5 | 47.6 | 0.1 | 0.2% | 87.7% | 46.1 | 46.0 | -0.1 | -0.2% |
| 88.9% | 56.3 | 56.3 | 0.1 | 0.1% | 88.9% | 52.8 | 52.8 | 0.0 | 0.0% | 88.9% | 47.5 | 47.4 | 0.0 | -0.1% | 88.9% | 46.1 | 45.9 | -0.2 | -0.4% |
| 90.1% | 56.3 | 56.1 | -0.2 | -0.3% | 90.1% | 52.8 | 52.8 | 0.0 | 0.0% | 90.1% | 47.4 | 47.4 | 0.0 | 0.0% | 90.1% | 46.0 | 45.8 | -0.2 | -0.4% |
| 91.4% | 56.1 | 56.1 | 0.0 | -0.1% | 91.4% | 52.7 | 52.8 | 0.0 | 0.1% | 91.4% | 47.4 | 47.4 | 0.0 | 0.0% | 91.4% | 45.8 | 45.8 | 0.0 | 0.1% |
| 92.6% | 55.9 | 56.0 | 0.1 | 0.3% | 92.6% | 52.5 | 52.4 | -0.1 | -0.2% | 92.6% | 47.3 | 47.4 | 0.0 | 0.1% | 92.6% | 45.7 | 45.8 | 0.1 | 0.2% |
| 93.8% | 55.9 | 55.9 | 0.0 | -0.1% | 93.8% | 52.5 | 52.4 | 0.0 | -0.1% | 93.8% | 47.3 | 47.4 | 0.0 | 0.1% | 93.8% | 45.7 | 45.7 | 0.1 | 0.1% |
| 95.1% | 55.8 | 55.8 | 0.0 | 0.0% | 95.1% | 52.3 | 52.3 | 0.0 | 0.0% | 95.1% | 47.2 | 47.3 | 0.1 | 0.2% | 95.1% | 45.6 | 45.7 | 0.1 | 0.2% |
| 96.3% | 55.6 | 55.8 | 0.2 | 0.3% | 96.3% | 52.2 | 52.3 | 0.1 | 0.1% | 96.3% | 47.2 | 47.3 | 0.2 | 0.3% | 96.3% | 45.6 | 45.5 | -0.1 | -0.1% |
| 97.5% | 55.4 | 55.3 | 0.0 | 0.0% | 97.5% | 51.8 | 51.8 | 0.1 | 0.1% | 97.5% | 47.2 | 47.3 | 0.1 | 0.3% | 97.5% | 45.5 | 45.4 | -0.1 | -0.3% |
| 98.8% | 55.0 | 55.1 | 0.1 | 0.2% | 98.8% | 51.7 | 51.7 | 0.0 | 0.1% | 98.8% | 47.1 | 47.2 | 0.1 | 0.2% | 98.8% | 45.5 | 45.3 | -0.2 | -0.3% |
| 100.0% | 55.0 | 55.1 | 0.0 | 0.2% | 100.0% | 51.7 | 51.7 | 0.0 | 0.1% | 100.0% | 47.1 | 47.2 | 0.1 | 0.2% | 100.0% | 45.5 | 45.3 | -0.2 | -0.3% |

## Table SQ8-1b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 52.7 | 52.7 | 0.0 | 0.1% | 0.0% | 54.3 | 54.4 | 0.0 | 0.1% | 0.0% | 58.3 | 58.3 | 0.0 | 0.0% | 0.0% | 61.3 | 61.0 | -0.2 | -0.3% |
| 1.2% | 50.9 | 51.2 | 0.2 | 0.4% | 1.2% | 54.2 | 54.4 | 0.2 | 0.3% | 1.2% | 58.0 | 57.8 | -0.3 | -0.5% | 1.2% | 59.8 | 60.8 | 1.0 | 1.6% |
| 2.5% | 50.6 | 50.3 | -0.2 | -0.5% | 2.5% | 54.2 | 54.0 | -0.1 | -0.3% | 2.5% | 57.3 | 57.0 | -0.2 | -0.4% | 2.5% | 59.3 | 60.8 | 1.4 | 2.4% |
| 3.7% | 50.4 | 50.1 | -0.2 | -0.4% | 3.7% | 53.9 | 53.7 | -0.2 | -0.5% | 3.7% | 57.1 | 57.0 | -0.1 | -0.2% | 3.7% | 59.2 | 60.1 | 0.9 | 1.6% |
| 4.9% | 49.9 | 49.9 | 0.0 | 0.1% | 4.9% | 53.5 | 53.6 | 0.1 | 0.2% | 4.9% | 56.9 | 56.4 | -0.5 | -0.9% | 4.9% | 59.1 | 59.9 | 0.8 | 1.4% |
| 6.2% | 49.7 | 49.7 | 0.1 | 0.1% | 6.2% | 53.4 | 53.4 | 0.1 | 0.2% | 6.2% | 56.8 | 56.4 | -0.4 | -0.6% | 6.2% | 59.0 | 59.8 | 0.7 | 1.2% |
| 7.4% | 49.7 | 49.7 | 0.1 | 0.1% | 7.4% | 53.3 | 53.4 | 0.0 | 0.1% | 7.4% | 56.5 | 56.2 | -0.3 | -0.5% | 7.4% | 58.9 | 59.7 | 0.7 | 1.2% |
| 8.6% | 49.5 | 49.7 | 0.1 | 0.3% | 8.6% | 53.2 | 53.3 | 0.1 | 0.2% | 8.6% | 56.4 | 56.1 | -0.3 | -0.5% | 8.6% | 58.9 | 59.2 | 0.3 | 0.5% |
| 9.9% | 49.5 | 49.6 | 0.1 | 0.2% | 9.9% | 53.2 | 53.2 | 0.0 | 0.1% | 9.9% | 56.3 | 56.1 | -0.2 | -0.3% | 9.9% | 58.9 | 59.2 | 0.3 | 0.6% |
| 11.1% | 49.5 | 49.6 | 0.1 | 0.2% | 11.1% | 53.1 | 53.1 | 0.0 | 0.1% | 11.1% | 56.2 | 56.0 | -0.2 | -0.3% | 11.1% | 58.8 | 59.1 | 0.3 | 0.5% |
| 12.3% | 49.5 | 49.5 | 0.1 | 0.1% | 12.3% | 53.0 | 53.1 | 0.1 | 0.1% | 12.3% | 56.0 | 56.0 | 0.0 | 0.0% | 12.3% | 58.8 | 59.1 | 0.3 | 0.5% |
| 13.6% | 49.4 | 49.5 | 0.0 | 0.0% | 13.6% | 53.0 | 52.9 | -0.2 | -0.3% | 13.6% | 55.9 | 56.0 | 0.1 | 0.1% | 13.6% | 58.7 | 59.1 | 0.5 | 0.8% |
| 14.8% | 49.4 | 49.5 | 0.0 | 0.1% | 14.8% | 52.9 | 52.8 | -0.1 | -0.3% | 14.8% | 55.9 | 55.9 | 0.0 | -0.1% | 14.8% | 58.6 | 59.1 | 0.5 | 0.9% |
| 16.0% | 49.3 | 49.3 | 0.0 | 0.0% | 16.0% | 52.7 | 52.7 | 0.0 | 0.0% | 16.0% | 55.8 | 55.8 | 0.1 | 0.1% | 16.0% | 58.5 | 59.1 | 0.6 | 1.0% |
| 17.3% | 49.2 | 49.2 | 0.0 | 0.0% | 17.3% | 52.6 | 52.7 | 0.1 | 0.1% | 17.3% | 55.7 | 55.7 | 0.0 | 0.0% | 17.3% | 58.4 | 59.1 | 0.6 | 1.0% |
| 18.5% | 49.0 | 49.0 | 0.0 | 0.0% | 18.5% | 52.6 | 52.6 | 0.0 | -0.1% | 18.5% | 55.7 | 55.7 | 0.0 | 0.0% | 18.5% | 58.3 | 59.0 | 0.8 | 1.3% |
| 19.8% | 48.8 | 48.9 | 0.1 | 0.2% | 19.8% | 52.4 | 52.5 | 0.1 | 0.2% | 19.8% | 55.7 | 55.7 | 0.0 | 0.0% | 19.8% | 58.2 | 59.0 | 0.8 | 1.4% |
| 21.0% | 48.8 | 48.8 | 0.0 | 0.1% | 21.0% | 52.4 | 52.4 | 0.0 | 0.0% | 21.0% | 55.4 | 55.7 | 0.2 | 0.4% | 21.0% | 58.1 | 58.8 | 0.7 | 1.2% |
| 22.2% | 48.8 | 48.6 | -0.1 | -0.2% | 22.2% | 52.4 | 52.4 | 0.0 | 0.0% | 22.2% | 55.4 | 55.6 | 0.2 | 0.4% | 22.2% | 58.1 | 58.8 | 0.7 | 1.2% |
| 23.5% | 48.7 | 48.6 | -0.1 | -0.1% | 23.5% | 52.3 | 52.4 | 0.1 | 0.1% | 23.5% | 55.3 | 55.6 | 0.3 | 0.6% | 23.5% | 58.1 | 58.8 | 0.7 | 1.2% |
| 24.7% | 48.6 | 48.6 | -0.1 | -0.1% | 24.7% | 52.2 | 52.4 | 0.1 | 0.3% | 24.7% | 55.2 | 55.6 | 0.3 | 0.6% | 24.7% | 57.9 | 58.7 | 0.7 | 1.2% |
| 25.9% | 48.5 | 48.6 | 0.1 | 0.1% | 25.9% | 52.2 | 52.3 | 0.1 | 0.2% | 25.9% | 55.2 | 55.5 | 0.3 | 0.5% | 25.9% | 57.9 | 58.6 | 0.7 | 1.2% |
| 27.2% | 48.5 | 48.6 | 0.0 | 0.1% | 27.2% | 52.2 | 52.2 | 0.1 | 0.1% | 27.2% | 55.1 | 55.4 | 0.3 | 0.5% | 27.2% | 57.9 | 58.6 | 0.7 | 1.3% |
| 28.4% | 48.5 | 48.5 | 0.0 | 0.1% | 28.4% | 52.1 | 52.2 | 0.0 | 0.1% | 28.4% | 55.0 | 55.3 | 0.3 | 0.6% | 28.4% | 57.8 | 58.4 | 0.6 | 1.0% |
| 29.6% | 48.5 | 48.5 | 0.0 | 0.0% | 29.6% | 52.0 | 52.1 | 0.1 | 0.1% | 29.6% | 54.9 | 55.2 | 0.4 | 0.7% | 29.6% | 57.8 | 58.4 | 0.6 | 1.0% |
| 30.9% | 48.5 | 48.5 | 0.0 | 0.0% | 30.9% | 52.0 | 52.0 | 0.0 | 0.1% | 30.9% | 54.8 | 55.1 | 0.3 | 0.5% | 30.9% | 57.6 | 58.1 | 0.5 | 0.9% |
| 32.1% | 48.5 | 48.5 | 0.0 | 0.0% | 32.1% | 52.0 | 52.0 | 0.0 | 0.1% | 32.1% | 54.8 | 55.0 | 0.2 | 0.5% | 32.1% | 57.6 | 58.1 | 0.6 | 1.0% |
| 33.3% | 48.5 | 48.4 | 0.0 | 0.0% | 33.3% | 52.0 | 52.0 | 0.1 | 0.1% | 33.3% | 54.7 | 55.0 | 0.3 | 0.5% | 33.3% | 57.5 | 58.1 | 0.6 | 1.1% |
| 34.6% | 48.4 | 48.4 | 0.0 | 0.1% | 34.6% | 52.0 | 52.0 | 0.0 | 0.0% | 34.6% | 54.7 | 55.0 | 0.2 | 0.4% | 34.6% | 57.5 | 58.0 | 0.6 | 1.0% |
| 35.8% | 48.4 | 48.4 | 0.1 | 0.1% | 35.8% | 51.8 | 51.8 | 0.0 | 0.1% | 35.8% | 54.6 | 54.8 | 0.2 | 0.3% | 35.8% | 57.4 | 57.9 | 0.5 | 0.9% |
| 37.0% | 48.4 | 48.4 | 0.1 | 0.1% | 37.0% | 51.7 | 51.8 | 0.0 | 0.1% | 37.0% | 54.6 | 54.8 | 0.2 | 0.3% | 37.0% | 57.4 | 57.9 | 0.5 | 0.9% |
| 38.3% | 48.3 | 48.4 | 0.0 | 0.1% | 38.3% | 51.7 | 51.7 | 0.0 | 0.1% | 38.3% | 54.6 | 54.7 | 0.2 | 0.3% | 38.3% | 57.4 | 57.9 | 0.5 | 0.9% |
| 39.5% | 48.2 | 48.3 | 0.0 | 0.0% | 39.5% | 51.6 | 51.7 | 0.1 | 0.1% | 39.5% | 54.6 | 54.7 | 0.2 | 0.3% | 39.5% | 57.3 | 57.9 | 0.6 | 1.0% |
| 40.7% | 48.1 | 48.1 | 0.0 | 0.1% | 40.7% | 51.5 | 51.5 | 0.0 | 0.0% | 40.7% | 54.6 | 54.6 | 0.1 | 0.1% | 40.7% | 57.2 | 57.8 | 0.5 | 0.9% |
| 42.0% | 48.1 | 48.1 | 0.0 | 0.0% | 42.0% | 51.4 | 51.5 | 0.0 | 0.0% | 42.0% | 54.5 | 54.6 | 0.0 | 0.1% | 42.0% | 57.1 | 57.7 | 0.6 | 1.1% |
| 43.2% | 48.1 | 48.0 | 0.0 | -0.1% | 43.2% | 51.3 | 51.4 | 0.1 | 0.2% | 43.2% | 54.5 | 54.5 | 0.1 | 0.1% | 43.2% | 57.1 | 57.6 | 0.5 | 0.8% |
| 44.4% | 48.0 | 48.0 | 0.0 | -0.1% | 44.4% | 51.2 | 51.3 | 0.1 | 0.2% | 44.4% | 54.4 | 54.5 | 0.1 | 0.2% | 44.4% | 57.0 | 57.5 | 0.5 | 0.9% |
| 45.7% | 48.0 | 48.0 | 0.0 | 0.0% | 45.7% | 51.1 | 51.2 | 0.1 | 0.1% | 45.7% | 54.3 | 54.5 | 0.2 | 0.3% | 45.7% | 56.9 | 57.4 | 0.5 | 0.9% |
| 46.9% | 48.0 | 47.9 | -0.1 | -0.1% | 46.9% | 51.1 | 51.1 | 0.0 | 0.0% | 46.9% | 54.2 | 54.4 | 0.2 | 0.4% | 46.9% | 56.9 | 57.4 | 0.5 | 0.8% |
| 48.1% | 47.8 | 47.8 | 0.0 | -0.1% | 48.1% | 51.1 | 51.1 | 0.0 | 0.0% | 48.1% | 54.2 | 54.4 | 0.2 | 0.4% | 48.1% | 56.8 | 57.4 | 0.6 | 1.0% |
| 49.4% | 47.8 | 47.8 | 0.0 | 0.0% | 49.4% | 50.8 | 50.8 | 0.0 | 0.0% | 49.4% | 54.2 | 54.3 | 0.2 | 0.3% | 49.4% | 56.7 | 57.3 | 0.6 | 1.1% |
| 50.6% | 47.8 | 47.8 | 0.0 | 0.0% | 50.6% | 50.8 | 50.8 | 0.0 | 0.0% | 50.6% | 54.1 | 54.3 | 0.2 | 0.3% | 50.6% | 56.7 | 57.3 | 0.6 | 1.1% |
| 51.9% | 47.8 | 47.8 | 0.0 | 0.0% | 51.9% | 50.7 | 50.7 | 0.0 | -0.1% | 51.9% | 54.1 | 54.3 | 0.2 | 0.4% | 51.9% | 56.7 | 57.3 | 0.6 | 1.1% |
| 53.1% | 47.7 | 47.7 | 0.1 | 0.1% | 53.1% | 50.7 | 50.7 | 0.0 | 0.0% | 53.1% | 54.0 | 54.2 | 0.2 | 0.4% | 53.1% | 56.6 | 57.3 | 0.6 | 1.1% |
| 54.3% | 47.7 | 47.7 | 0.0 | 0.1% | 54.3% | 50.7 | 50.7 | 0.0 | 0.0% | 54.3% | 53.9 | 54.2 | 0.3 | 0.5% | 54.3% | 56.6 | 57.3 | 0.6 | 1.1% |
| 55.6% | 47.7 | 47.7 | 0.0 | 0.1% | 55.6% | 50.6 | 50.6 | 0.0 | 0.0% | 55.6% | 53.9 | 54.2 | 0.3 | 0.5% | 55.6% | 56.6 | 57.2 | 0.6 | 1.0% |
| 56.8% | 47.6 | 47.7 | 0.1 | 0.2% | 56.8% | 50.6 | 50.5 | -0.1 | -0.1% | 56.8% | 53.9 | 54.1 | 0.2 | 0.4% | 56.8% | 56.6 | 57.2 | 0.6 | 1.1% |
| 58.0% | 47.6 | 47.6 | 0.0 | 0.0% | 58.0% | 50.6 | 50.4 | -0.2 | -0.3% | 58.0% | 53.8 | 54.1 | 0.3 | 0.5% | 58.0% | 56.6 | 57.1 | 0.6 | 1.0% |
| 59.3% | 47.5 | 47.6 | 0.1 | 0.1% | 59.3% | 50.5 | 50.3 | -0.2 | -0.5% | 59.3% | 53.8 | 54.1 | 0.3 | 0.5% | 59.3% | 56.5 | 57.1 | 0.5 | 1.0% |
| 60.5% | 47.5 | 47.6 | 0.0 | 0.0% | 60.5% | 50.4 | 50.3 | -0.1 | -0.2% | 60.5% | 53.8 | 54.0 | 0.2 | 0.3% | 60.5% | 56.5 | 57.0 | 0.5 | 1.0% |
| 61.7% | 47.5 | 47.4 | -0.1 | -0.1% | 61.7% | 50.3 | 50.3 | -0.1 | -0.1% | 61.7% | 53.8 | 54.0 | 0.2 | 0.3% | 61.7% | 56.4 | 57.0 | 0.5 | 1.0% |
| 63.0% | 47.5 | 47.4 | -0.1 | -0.2% | 63.0% | 50.3 | 50.2 | -0.1 | -0.1% | 63.0% | 53.7 | 53.9 | 0.2 | 0.4% | 63.0% | 56.4 | 57.0 | 0.6 | 1.0% |
| 64.2% | 47.4 | 47.4 | 0.0 | -0.1% | 64.2% | 50.3 | 50.2 | 0.0 | -0.1% | 64.2% | 53.7 | 53.9 | 0.2 | 0.4% | 64.2% | 56.4 | 56.8 | 0.4 | 0.7% |
| 65.4% | 47.4 | 47.3 | -0.2 | -0.3% | 65.4% | 50.3 | 50.1 | -0.2 | -0.4% | 65.4% | 53.7 | 53.9 | 0.2 | 0.4% | 65.4% | 56.4 | 56.8 | 0.4 | 0.7% |
| 66.7% | 47.4 | 47.2 | -0.2 | -0.3% | 66.7% | 50.0 | 50.0 | 0.0 | 0.1% | 66.7% | 53.6 | 53.9 | 0.3 | 0.5% | 66.7% | 56.4 | 56.7 | 0.4 | 0.7% |
| 67.9% | 47.2 | 47.2 | 0.0 | -0.1% | 67.9% | 50.0 | 50.0 | 0.0 | 0.0% | 67.9% | 53.5 | 53.8 | 0.3 | 0.6% | 67.9% | 56.3 | 56.7 | 0.4 | 0.6% |
| 69.1% | 47.2 | 47.2 | 0.0 | 0.0% | 69.1% | 50.0 | 49.9 | -0.1 | -0.2% | 69.1% | 53.5 | 53.8 | 0.3 | 0.5% | 69.1% | 56.3 | 56.7 | 0.4 | 0.7% |
| 70.4% | 47.1 | 47.1 | 0.0 | 0.0% | 70.4% | 49.9 | 49.9 | 0.0 | -0.1% | 70.4% | 53.4 | 53.7 | 0.3 | 0.6% | 70.4% | 56.2 | 56.7 | 0.4 | 0.8% |
| 71.6% | 47.0 | 47.0 | 0.0 | 0.0% | 71.6% | 49.9 | 49.8 | 0.0 | -0.1% | 71.6% | 53.3 | 53.7 | 0.3 | 0.6% | 71.6% | 56.2 | 56.6 | 0.4 | 0.8% |
| 72.8% | 46.9 | 46.9 | 0.0 | -0.1% | 72.8% | 49.8 | 49.6 | -0.2 | -0.5% | 72.8% | 53.3 | 53.5 | 0.2 | 0.4% | 72.8% | 56.2 | 56.6 | 0.4 | 0.7% |
| 74.1% | 46.9 | 46.8 | -0.1 | -0.1% | 74.1% | 49.6 | 49.5 | -0.1 | -0.2% | 74.1% | 53.3 | 53.4 | 0.1 | 0.2% | 74.1% | 56.2 | 56.6 | 0.4 | 0.7% |
| 75.3% | 46.8 | 46.7 | -0.1 | -0.2% | 75.3% | 49.4 | 49.4 | 0.0 | 0.1% | 75.3% | 53.2 | 53.3 | 0.1 | 0.2% | 75.3% | 56.2 | 56.6 | 0.4 | 0.8% |
| 76.5% | 46.8 | 46.7 | -0.1 | -0.2% | 76.5% | 49.2 | 49.2 | 0.0 | 0.0% | 76.5% | 53.2 | 53.2 | 0.1 | 0.2% | 76.5% | 56.1 | 56.3 | 0.2 | 0.4% |
| 77.8% | 46.7 | 46.7 | -0.1 | -0.2% | 77.8% | 49.2 | 49.2 | 0.0 | 0.0% | 77.8% | 53.1 | 53.2 | 0.1 | 0.2% | 77.8% | 56.1 | 56.2 | 0.2 | 0.3% |
| 79.0% | 46.7 | 46.6 | -0.1 | -0.2% | 79.0% | 49.2 | 49.1 | 0.0 | -0.1% | 79.0% | 53.0 | 53.2 | 0.1 | 0.3% | 79.0% | 56.0 | 56.2 | 0.2 | 0.4% |
| 80.2% | 46.7 | 46.6 | -0.1 | -0.1% | 80.2% | 49.2 | 49.1 | 0.0 | -0.1% | 80.2% | 53.0 | 53.2 | 0.1 | 0.3% | 80.2% | 55.9 | 56.2 | 0.3 | 0.5% |
| 81.5% | 46.7 | 46.6 | -0.1 | -0.2% | 81.5% | 49.1 | 49.1 | 0.0 | -0.1% | 81.5% | 52.8 | 53.1 | 0.3 | 0.6% | 81.5% | 55.9 | 56.2 | 0.3 | 0.6% |
| 82.7% | 46.7 | 46.6 | -0.1 | -0.2% | 82.7% | 48.7 | 48.7 | 0.0 | 0.0% | 82.7% | 52.8 | 52.9 | 0.1 | 0.2% | 82.7% | 55.9 | 56.2 | 0.3 | 0.6% |
| 84.0% | 46.7 | 46.5 | -0.1 | -0.3% | 84.0% | 48.7 | 48.7 | 0.0 | 0.0% | 84.0% | 52.7 | 52.8 | 0.1 | 0.3% | 84.0% | 55.8 | 56.2 | 0.4 | 0.7% |
| 85.2% | 46.6 | 46.5 | -0.1 | -0.1% | 85.2% | 48.7 | 48.6 | 0.0 | -0.1% | 85.2% | 52.6 | 52.8 | 0.2 | 0.3% | 85.2% | 55.7 | 56.1 | 0.3 | 0.6% |
| 86.4% | 46.5 | 46.3 | -0.2 | -0.4% | 86.4% | 48.6 | 48.6 | 0.0 | 0.0% | 86.4% | 52.5 | 52.3 | -0.1 | -0.3% | 86.4% | 55.7 | 56.1 | 0.3 | 0.6% |
| 87.7% | 46.5 | 46.3 | -0.1 | -0.3% | 87.7% | 48.4 | 48.6 | 0.2 | 0.3% | 87.7% | 52.2 | 52.2 | 0.0 | 0.0% | 87.7% | 55.7 | 56.0 | 0.3 | 0.5% |
| 88.9% | 46.4 | 46.3 | -0.1 | -0.2% | 88.9% | 48.4 | 48.4 | 0.0 | 0.0% | 88.9% | 52.1 | 52.1 | 0.0 | 0.0% | 88.9% | 55.6 | 55.8 | 0.3 | 0.5% |
| 90.1% | 46.3 | 46.3 | 0.0 | -0.1% | 90.1% | 48.3 | 48.3 | -0.1 | -0.1% | 90.1% | 52.1 | 52.1 | 0.0 | 0.0% | 90.1% | 55.5 | 55.8 | 0.3 | 0.5% |
| 91.4% | 46.2 | 46.3 | 0.0 | 0.1% | 91.4% | 48.2 | 48.2 | 0.1 | 0.1% | 91.4% | 52.0 | 52.1 | 0.1 | 0.1% | 91.4% | 55.3 | 55.7 | 0.4 | 0.8% |
| 92.6% | 46.2 | 46.0 | -0.2 | -0.4% | 92.6% | 48.1 | 48.1 | 0.0 | 0.0% | 92.6% | 51.9 | 51.9 | 0.0 | -0.1% | 92.6% | 55.1 | 55.4 | 0.3 | 0.5% |
| 93.8% | 46.1 | 46.0 | -0.1 | -0.3% | 93.8% | 48.1 | 48.1 | 0.0 | 0.0% | 93.8% | 51.8 | 51.9 | 0.1 | 0.1% | 93.8% | 55.1 | 55.1 | 0.1 | 0.1% |
| 95.1% | 46.1 | 45.9 | -0.2 | -0.4% | 95.1% | 48.0 | 48.1 | 0.1 | 0.1% | 95.1% | 51.8 | 51.9 | 0.1 | 0.1% | 95.1% | 54.9 | 54.9 | 0.0 | 0.0% |
| 96.3% | 45.8 | 45.7 | -0.1 | -0.3% | 96.3% | 48.0 | 47.9 | 0.0 | 0.0% | 96.3% | 51.8 | 51.8 | 0.1 | 0.1% | 96.3% | 54.7 | 54.7 | 0.0 | 0.0% |
| 97.5% | 45.7 | 45.6 | -0.1 | -0.3% | 97.5% | 47.9 | 47.9 | 0.0 | -0.1% | 97.5% | 50.7 | 50.7 | 0.0 | 0.0% | 97.5% | 54.3 | 54.6 | 0.3 | 0.6% |
| 98.8% | 45.0 | 45.2 | 0.2 | 0.4% | 98.8% | 47.7 | 47.6 | -0.1 | -0.2% | 98.8% | 50.4 | 50.5 | 0.0 | 0.0% | 98.8% | 54.3 | 54.5 | 0.2 | 0.4% |
| 100.0% | 45.0 | 45.2 | 0.2 | 0.4% | 100.0% | 47.7 | 47.6 | -0.1 | -0.2% | 100.0% | 50.4 | 50.5 | 0.0 | 0.0% | 100.0% | 54.3 | 54.5 | 0.2 | 0.4% |

## Table SQ8-1b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

| June | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 60.9 | 60.8 | -0.1 | -0.1% |
| 1.2% | 60.5 | 60.7 | 0.1 | 0.2% |
| 2.5% | 60.5 | 60.0 | -0.4 | -0.7% |
| 3.7% | 60.4 | 60.0 | -0.5 | -0.7% |
| 4.9% | 60.2 | 59.9 | -0.3 | -0.5% |
| 6.2% | 60.2 | 59.8 | -0.3 | -0.5% |
| 7.4% | 60.0 | 59.8 | -0.2 | -0.3% |
| 8.6% | 59.6 | 59.8 | 0.2 | 0.4% |
| 9.9% | 59.6 | 59.7 | 0.2 | 0.3% |
| 11.1% | 59.4 | 59.5 | 0.1 | 0.1% |
| 12.3% | 59.3 | 59.2 | -0.1 | -0.2% |
| 13.6% | 59.3 | 59.2 | 0.0 | -0.1% |
| 14.8% | 59.2 | 59.2 | 0.0 | 0.0% |
| 16.0% | 59.2 | 59.1 | 0.0 | 0.0% |
| 17.3% | 59.1 | 59.1 | 0.0 | -0.1% |
| 18.5% | 58.8 | 59.0 | 0.2 | 0.4% |
| 19.8% | 58.7 | 59.0 | 0.3 | 0.5% |
| 21.0% | 58.6 | 59.0 | 0.3 | 0.6% |
| 22.2% | 58.6 | 58.8 | 0.2 | 0.4% |
| 23.5% | 58.6 | 58.8 | 0.2 | 0.4% |
| 24.7% | 58.5 | 58.8 | 0.3 | 0.5% |
| 25.9% | 58.5 | 58.8 | 0.3 | 0.5% |
| 27.2% | 58.4 | 58.8 | 0.3 | 0.6% |
| 28.4% | 58.4 | 58.7 | 0.3 | 0.5% |
| 29.6% | 58.4 | 58.6 | 0.2 | 0.4% |
| 30.9% | 58.3 | 58.6 | 0.2 | 0.4% |
| 32.1% | 58.2 | 58.6 | 0.3 | 0.6% |
| 33.3% | 58.2 | 58.6 | 0.4 | 0.7% |
| 34.6% | 58.2 | 58.6 | 0.4 | 0.7% |
| 35.8% | 58.0 | 58.5 | 0.5 | 0.8% |
| 37.0% | 57.9 | 58.4 | 0.5 | 0.9% |
| 38.3% | 57.9 | 58.4 | 0.5 | 0.9% |
| 39.5% | 57.8 | 58.4 | 0.5 | 0.9% |
| 40.7% | 57.8 | 58.3 | 0.5 | 0.8% |
| 42.0% | 57.8 | 58.3 | 0.5 | 0.9% |
| 43.2% | 57.7 | 58.2 | 0.6 | 1.0% |
| 44.4% | 57.7 | 58.2 | 0.5 | 0.9% |
| 45.7% | 57.6 | 58.2 | 0.6 | 1.0% |
| 46.9% | 57.6 | 58.1 | 0.5 | 0.9% |
| 48.1% | 57.5 | 58.1 | 0.5 | 0.9% |
| 49.4% | 57.5 | 58.0 | 0.5 | 1.0% |
| 50.6% | 57.5 | 58.0 | 0.5 | 0.9% |
| 51.9% | 57.4 | 58.0 | 0.6 | 1.0% |
| 53.1% | 57.4 | 58.0 | 0.6 | 1.1% |
| 54.3% | 57.4 | 57.9 | 0.6 | 1.0% |
| 55.6% | 57.3 | 57.9 | 0.6 | 1.1% |
| 56.8% | 57.3 | 57.9 | 0.6 | 1.1% |
| 58.0% | 57.3 | 57.9 | 0.7 | 1.1% |
| 59.3% | 57.3 | 57.9 | 0.7 | 1.2% |
| 60.5% | 57.2 | 57.8 | 0.5 | 0.9% |
| 61.7% | 57.2 | 57.7 | 0.5 | 0.9% |
| 63.0% | 57.2 | 57.6 | 0.4 | 0.7% |
| 64.2% | 57.1 | 57.5 | 0.5 | 0.8% |
| 65.4% | 57.1 | 57.5 | 0.5 | 0.8% |
| 66.7% | 57.0 | 57.5 | 0.5 | 0.8% |
| 67.9% | 57.0 | 57.5 | 0.4 | 0.8% |
| 69.1% | 57.0 | 57.5 | 0.5 | 0.8% |
| 70.4% | 56.9 | 57.4 | 0.5 | 0.9% |
| 71.6% | 56.9 | 57.4 | 0.5 | 0.9% |
| 72.8% | 56.9 | 57.3 | 0.4 | 0.8% |
| 74.1% | 56.8 | 57.3 | 0.5 | 0.9% |
| 75.3% | 56.5 | 57.2 | 0.7 | 1.2% |
| 76.5% | 56.5 | 57.2 | 0.7 | 1.2% |
| 77.8% | 56.5 | 57.2 | 0.7 | 1.2% |
| 79.0% | 56.5 | 57.1 | 0.7 | 1.2% |
| 80.2% | 56.4 | 57.1 | 0.7 | 1.2% |
| 81.5% | 56.4 | 57.0 | 0.7 | 1.2% |
| 82.7% | 56.3 | 57.0 | 0.7 | 1.2% |
| 84.0% | 56.3 | 56.9 | 0.6 | 1.1% |
| 85.2% | 56.3 | 56.9 | 0.6 | 1.1% |
| 86.4% | 56.3 | 56.9 | 0.6 | 1.1% |
| 87.7% | 56.3 | 56.9 | 0.6 | 1.1% |
| 88.9% | 56.1 | 56.9 | 0.8 | 1.4% |
| 90.1% | 56.1 | 56.8 | 0.8 | 1.4% |
| 91.4% | 56.1 | 56.8 | 0.8 | 1.4% |
| 92.6% | 56.0 | 56.8 | 0.8 | 1.4% |
| 93.8% | 56.0 | 56.7 | 0.7 | 1.3% |
| 95.1% | 55.9 | 56.5 | 0.6 | 1.1% |
| 96.3% | 55.8 | 56.4 | 0.5 | 1.0% |
| 97.5% | 55.6 | 56.3 | 0.7 | 1.3% |
| 98.8% | 55.4 | 56.2 | 0.8 | 1.5% |
| 100.0% | 55.4 | 56.2 | 0.8 | 1.5% |

| July | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 62.0 | 61.4 | -0.7 | -1.1% |
| 1.2% | 61.6 | 61.3 | -0.2 | -0.4% |
| 2.5% | 61.1 | 61.1 | 0.0 | 0.0% |
| 3.7% | 61.0 | 61.0 | 0.0 | 0.0% |
| 4.9% | 61.0 | 60.9 | -0.1 | -0.2% |
| 6.2% | 60.8 | 60.8 | 0.0 | 0.0% |
| 7.4% | 60.6 | 60.6 | 0.0 | 0.0% |
| 8.6% | 60.6 | 60.6 | -0.1 | -0.1% |
| 9.9% | 60.5 | 60.6 | 0.0 | 0.0% |
| 11.1% | 60.5 | 60.5 | 0.0 | 0.0% |
| 12.3% | 60.5 | 60.3 | -0.1 | -0.2% |
| 13.6% | 60.3 | 60.3 | 0.0 | 0.0% |
| 14.8% | 60.2 | 60.2 | 0.0 | 0.1% |
| 16.0% | 60.0 | 60.2 | 0.2 | 0.3% |
| 17.3% | 59.8 | 60.0 | 0.2 | 0.3% |
| 18.5% | 59.6 | 60.0 | 0.4 | 0.6% |
| 19.8% | 59.6 | 60.0 | 0.4 | 0.7% |
| 21.0% | 59.6 | 59.8 | 0.3 | 0.4% |
| 22.2% | 59.5 | 59.6 | 0.1 | 0.2% |
| 23.5% | 59.5 | 59.6 | 0.1 | 0.2% |
| 24.7% | 59.4 | 59.6 | 0.1 | 0.2% |
| 25.9% | 59.4 | 59.6 | 0.1 | 0.2% |
| 27.2% | 59.3 | 59.6 | 0.2 | 0.4% |
| 28.4% | 59.3 | 59.5 | 0.2 | 0.3% |
| 29.6% | 59.3 | 59.5 | 0.1 | 0.2% |
| 30.9% | 59.2 | 59.4 | 0.2 | 0.3% |
| 32.1% | 59.2 | 59.4 | 0.2 | 0.4% |
| 33.3% | 59.2 | 59.4 | 0.2 | 0.4% |
| 34.6% | 59.0 | 59.3 | 0.3 | 0.5% |
| 35.8% | 59.0 | 59.3 | 0.3 | 0.5% |
| 37.0% | 59.0 | 59.2 | 0.3 | 0.4% |
| 38.3% | 59.0 | 59.2 | 0.3 | 0.4% |
| 39.5% | 58.9 | 59.0 | 0.1 | 0.2% |
| 40.7% | 58.7 | 58.9 | 0.2 | 0.3% |
| 42.0% | 58.7 | 58.9 | 0.2 | 0.4% |
| 43.2% | 58.7 | 58.9 | 0.2 | 0.3% |
| 44.4% | 58.5 | 58.7 | 0.2 | 0.4% |
| 45.7% | 58.5 | 58.7 | 0.2 | 0.3% |
| 46.9% | 58.5 | 58.6 | 0.2 | 0.3% |
| 48.1% | 58.3 | 58.6 | 0.3 | 0.6% |
| 49.4% | 58.3 | 58.6 | 0.3 | 0.5% |
| 50.6% | 58.3 | 58.6 | 0.3 | 0.6% |
| 51.9% | 58.2 | 58.6 | 0.3 | 0.6% |
| 53.1% | 58.2 | 58.5 | 0.4 | 0.6% |
| 54.3% | 58.1 | 58.4 | 0.3 | 0.5% |
| 55.6% | 58.0 | 58.4 | 0.4 | 0.7% |
| 56.8% | 58.0 | 58.4 | 0.4 | 0.6% |
| 58.0% | 57.9 | 58.3 | 0.4 | 0.7% |
| 59.3% | 57.9 | 58.3 | 0.4 | 0.7% |
| 60.5% | 57.9 | 58.3 | 0.4 | 0.6% |
| 61.7% | 57.9 | 58.2 | 0.3 | 0.4% |
| 63.0% | 57.8 | 58.1 | 0.3 | 0.5% |
| 64.2% | 57.8 | 58.1 | 0.3 | 0.5% |
| 65.4% | 57.8 | 58.1 | 0.4 | 0.6% |
| 66.7% | 57.7 | 58.1 | 0.4 | 0.6% |
| 67.9% | 57.7 | 58.0 | 0.3 | 0.6% |
| 69.1% | 57.7 | 57.9 | 0.3 | 0.4% |
| 70.4% | 57.7 | 57.9 | 0.2 | 0.4% |
| 71.6% | 57.7 | 57.9 | 0.2 | 0.4% |
| 72.8% | 57.6 | 57.8 | 0.2 | 0.4% |
| 74.1% | 57.6 | 57.8 | 0.2 | 0.4% |
| 75.3% | 57.5 | 57.8 | 0.2 | 0.4% |
| 76.5% | 57.5 | 57.7 | 0.2 | 0.3% |
| 77.8% | 57.5 | 57.7 | 0.2 | 0.3% |
| 79.0% | 57.4 | 57.6 | 0.2 | 0.4% |
| 80.2% | 57.4 | 57.6 | 0.2 | 0.4% |
| 81.5% | 57.4 | 57.6 | 0.2 | 0.4% |
| 82.7% | 57.2 | 57.4 | 0.2 | 0.4% |
| 84.0% | 57.2 | 57.4 | 0.2 | 0.4% |
| 85.2% | 57.1 | 57.4 | 0.3 | 0.5% |
| 86.4% | 57.1 | 57.3 | 0.3 | 0.5% |
| 87.7% | 56.9 | 57.2 | 0.3 | 0.6% |
| 88.9% | 56.9 | 57.0 | 0.2 | 0.3% |
| 90.1% | 56.9 | 56.9 | 0.1 | 0.1% |
| 91.4% | 56.8 | 56.9 | 0.0 | 0.1% |
| 92.6% | 56.7 | 56.8 | 0.1 | 0.2% |
| 93.8% | 56.6 | 56.8 | 0.2 | 0.4% |
| 95.1% | 56.6 | 56.8 | 0.2 | 0.4% |
| 96.3% | 56.5 | 56.7 | 0.2 | 0.3% |
| 97.5% | 56.5 | 56.7 | 0.2 | 0.3% |
| 98.8% | 56.4 | 56.6 | 0.2 | 0.4% |
| 100.0% | 56.4 | 56.6 | 0.2 | 0.4% |

| August | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 69.1 | 64.6 | -4.5 | -6.5% |
| 1.2% | 63.2 | 61.9 | -1.3 | -2.0% |
| 2.5% | 63.0 | 61.7 | -1.4 | -2.1% |
| 3.7% | 63.0 | 61.4 | -1.6 | -2.5% |
| 4.9% | 62.2 | 61.2 | -1.0 | -1.6% |
| 6.2% | 62.2 | 61.2 | -1.0 | -1.6% |
| 7.4% | 62.0 | 61.1 | -0.9 | -1.5% |
| 8.6% | 62.0 | 61.1 | -0.9 | -1.4% |
| 9.9% | 61.9 | 61.1 | -0.8 | -1.3% |
| 11.1% | 61.7 | 61.0 | -0.7 | -1.2% |
| 12.3% | 61.7 | 60.9 | -0.8 | -1.2% |
| 13.6% | 61.4 | 60.9 | -0.4 | -0.7% |
| 14.8% | 61.3 | 60.8 | -0.5 | -0.8% |
| 16.0% | 61.3 | 60.8 | -0.5 | -0.8% |
| 17.3% | 61.3 | 60.8 | -0.5 | -0.8% |
| 18.5% | 61.3 | 60.8 | -0.5 | -0.7% |
| 19.8% | 61.2 | 60.8 | -0.4 | -0.7% |
| 21.0% | 61.1 | 60.7 | -0.4 | -0.7% |
| 22.2% | 61.1 | 60.6 | -0.5 | -0.8% |
| 23.5% | 61.0 | 60.6 | -0.4 | -0.6% |
| 24.7% | 60.9 | 60.6 | -0.4 | -0.6% |
| 25.9% | 60.9 | 60.6 | -0.3 | -0.5% |
| 27.2% | 60.9 | 60.5 | -0.4 | -0.6% |
| 28.4% | 60.8 | 60.5 | -0.4 | -0.6% |
| 29.6% | 60.8 | 60.4 | -0.4 | -0.6% |
| 30.9% | 60.8 | 60.4 | -0.4 | -0.6% |
| 32.1% | 60.8 | 60.3 | -0.5 | -0.8% |
| 33.3% | 60.6 | 60.2 | -0.4 | -0.6% |
| 34.6% | 60.6 | 60.1 | -0.4 | -0.7% |
| 35.8% | 60.5 | 60.1 | -0.4 | -0.6% |
| 37.0% | 60.5 | 60.1 | -0.4 | -0.6% |
| 38.3% | 60.4 | 60.1 | -0.4 | -0.6% |
| 39.5% | 60.4 | 60.0 | -0.4 | -0.6% |
| 40.7% | 60.3 | 60.0 | -0.3 | -0.5% |
| 42.0% | 60.2 | 60.0 | -0.2 | -0.3% |
| 43.2% | 60.2 | 60.0 | -0.2 | -0.3% |
| 44.4% | 60.2 | 60.0 | -0.2 | -0.3% |
| 45.7% | 60.1 | 59.9 | -0.2 | -0.4% |
| 46.9% | 60.1 | 59.9 | -0.2 | -0.3% |
| 48.1% | 60.0 | 59.9 | -0.1 | -0.2% |
| 49.4% | 60.0 | 59.9 | -0.1 | -0.2% |
| 50.6% | 60.0 | 59.8 | -0.2 | -0.3% |
| 51.9% | 59.9 | 59.8 | -0.1 | -0.2% |
| 53.1% | 59.8 | 59.8 | -0.1 | -0.1% |
| 54.3% | 59.8 | 59.7 | -0.1 | -0.2% |
| 55.6% | 59.6 | 59.7 | 0.1 | 0.1% |
| 56.8% | 59.6 | 59.7 | 0.1 | 0.1% |
| 58.0% | 59.5 | 59.6 | 0.1 | 0.2% |
| 59.3% | 59.5 | 59.5 | 0.0 | 0.1% |
| 60.5% | 59.5 | 59.5 | 0.1 | 0.1% |
| 61.7% | 59.4 | 59.5 | 0.1 | 0.2% |
| 63.0% | 59.4 | 59.5 | 0.1 | 0.2% |
| 64.2% | 59.3 | 59.5 | 0.2 | 0.3% |
| 65.4% | 59.3 | 59.4 | 0.1 | 0.2% |
| 66.7% | 59.3 | 59.3 | 0.1 | 0.1% |
| 67.9% | 59.2 | 59.3 | 0.0 | 0.0% |
| 69.1% | 59.2 | 59.2 | -0.1 | -0.1% |
| 70.4% | 59.2 | 59.2 | -0.1 | -0.1% |
| 71.6% | 59.2 | 59.1 | -0.1 | -0.1% |
| 72.8% | 59.2 | 59.1 | -0.1 | -0.2% |
| 74.1% | 59.1 | 59.1 | 0.0 | 0.0% |
| 75.3% | 59.0 | 59.1 | 0.0 | 0.0% |
| 76.5% | 59.0 | 58.9 | -0.1 | -0.2% |
| 77.8% | 59.0 | 58.8 | -0.2 | -0.3% |
| 79.0% | 59.0 | 58.8 | -0.2 | -0.3% |
| 80.2% | 58.9 | 58.7 | -0.3 | -0.5% |
| 81.5% | 58.9 | 58.6 | -0.3 | -0.4% |
| 82.7% | 58.9 | 58.6 | -0.3 | -0.5% |
| 84.0% | 58.9 | 58.6 | -0.3 | -0.5% |
| 85.2% | 58.8 | 58.6 | -0.2 | -0.4% |
| 86.4% | 58.8 | 58.5 | -0.3 | -0.5% |
| 87.7% | 58.8 | 58.4 | -0.3 | -0.6% |
| 88.9% | 58.8 | 58.4 | -0.4 | -0.7% |
| 90.1% | 58.5 | 58.2 | -0.3 | -0.5% |
| 91.4% | 58.4 | 58.1 | -0.3 | -0.5% |
| 92.6% | 58.2 | 58.0 | -0.2 | -0.3% |
| 93.8% | 57.9 | 58.0 | 0.1 | 0.1% |
| 95.1% | 57.3 | 57.9 | 0.6 | 1.0% |
| 96.3% | 57.2 | 57.9 | 0.7 | 1.2% |
| 97.5% | 57.0 | 57.9 | 0.9 | 1.6% |
| 98.8% | 56.8 | 57.8 | 1.0 | 1.8% |
| 100.0% | 56.8 | 57.8 | 1.0 | 1.8% |

| September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 67.9 | 68.4 | 0.5 | 0.7% |
| 1.2% | 67.0 | 64.2 | -2.8 | -4.1% |
| 2.5% | 66.6 | 63.8 | -2.8 | -4.3% |
| 3.7% | 64.4 | 62.4 | -1.9 | -3.0% |
| 4.9% | 64.0 | 62.2 | -1.9 | -2.9% |
| 6.2% | 63.3 | 61.9 | -1.4 | -2.2% |
| 7.4% | 62.8 | 61.7 | -1.2 | -1.9% |
| 8.6% | 62.7 | 61.6 | -1.1 | -1.7% |
| 9.9% | 62.6 | 61.3 | -1.3 | -2.1% |
| 11.1% | 62.5 | 61.3 | -1.2 | -1.9% |
| 12.3% | 62.3 | 61.2 | -1.1 | -1.7% |
| 13.6% | 62.2 | 61.1 | -1.1 | -1.8% |
| 14.8% | 62.1 | 61.1 | -1.1 | -1.7% |
| 16.0% | 62.1 | 60.9 | -1.2 | -1.9% |
| 17.3% | 62.1 | 60.8 | -1.3 | -2.1% |
| 18.5% | 61.7 | 60.7 | -1.1 | -1.7% |
| 19.8% | 61.5 | 60.7 | -0.9 | -1.4% |
| 21.0% | 61.4 | 60.6 | -0.8 | -1.3% |
| 22.2% | 61.3 | 60.5 | -0.8 | -1.4% |
| 23.5% | 61.2 | 60.5 | -0.7 | -1.2% |
| 24.7% | 61.2 | 60.4 | -0.8 | -1.2% |
| 25.9% | 61.1 | 60.4 | -0.7 | -1.1% |
| 27.2% | 61.1 | 60.4 | -0.7 | -1.1% |
| 28.4% | 61.0 | 60.4 | -0.6 | -1.0% |
| 29.6% | 61.0 | 60.4 | -0.6 | -1.0% |
| 30.9% | 60.9 | 60.2 | -0.6 | -1.0% |
| 32.1% | 60.6 | 60.1 | -0.5 | -0.8% |
| 33.3% | 60.6 | 60.1 | -0.5 | -0.9% |
| 34.6% | 60.6 | 60.1 | -0.5 | -0.8% |
| 35.8% | 60.5 | 60.0 | -0.5 | -0.7% |
| 37.0% | 60.2 | 60.0 | -0.3 | -0.4% |
| 38.3% | 59.9 | 59.9 | 0.0 | 0.1% |
| 39.5% | 59.8 | 59.9 | 0.1 | 0.1% |
| 40.7% | 59.7 | 59.7 | 0.0 | 0.0% |
| 42.0% | 59.5 | 59.5 | 0.0 | -0.1% |
| 43.2% | 59.4 | 59.2 | -0.1 | -0.2% |
| 44.4% | 59.2 | 59.2 | 0.0 | 0.0% |
| 45.7% | 59.1 | 59.2 | 0.1 | 0.1% |
| 46.9% | 58.9 | 59.2 | 0.3 | 0.4% |
| 48.1% | 58.9 | 59.2 | 0.3 | 0.4% |
| 49.4% | 58.8 | 59.1 | 0.4 | 0.6% |
| 50.6% | 58.4 | 59.0 | 0.5 | 0.9% |
| 51.9% | 58.3 | 58.9 | 0.6 | 1.0% |
| 53.1% | 58.3 | 58.7 | 0.4 | 0.8% |
| 54.3% | 58.2 | 58.7 | 0.5 | 0.9% |
| 55.6% | 58.1 | 58.5 | 0.5 | 0.8% |
| 56.8% | 58.0 | 58.4 | 0.4 | 0.8% |
| 58.0% | 57.9 | 58.4 | 0.5 | 0.9% |
| 59.3% | 57.8 | 58.2 | 0.4 | 0.7% |
| 60.5% | 57.6 | 58.1 | 0.5 | 0.8% |
| 61.7% | 57.5 | 57.9 | 0.4 | 0.7% |
| 63.0% | 57.5 | 57.9 | 0.4 | 0.7% |
| 64.2% | 57.5 | 57.8 | 0.3 | 0.6% |
| 65.4% | 57.2 | 57.8 | 0.5 | 0.9% |
| 66.7% | 57.2 | 57.6 | 0.4 | 0.7% |
| 67.9% | 57.2 | 57.6 | 0.4 | 0.7% |
| 69.1% | 57.2 | 57.6 | 0.4 | 0.7% |
| 70.4% | 57.1 | 57.6 | 0.5 | 0.9% |
| 71.6% | 57.1 | 57.4 | 0.3 | 0.6% |
| 72.8% | 56.9 | 57.3 | 0.4 | 0.7% |
| 74.1% | 56.8 | 57.1 | 0.3 | 0.5% |
| 75.3% | 56.7 | 57.1 | 0.4 | 0.7% |
| 76.5% | 56.7 | 56.9 | 0.2 | 0.3% |
| 77.8% | 56.3 | 56.6 | 0.2 | 0.4% |
| 79.0% | 56.3 | 56.4 | 0.1 | 0.2% |
| 80.2% | 56.1 | 56.3 | 0.2 | 0.3% |
| 81.5% | 56.0 | 56.2 | 0.2 | 0.3% |
| 82.7% | 56.0 | 56.2 | 0.2 | 0.3% |
| 84.0% | 55.6 | 56.1 | 0.5 | 0.9% |
| 85.2% | 55.5 | 55.9 | 0.4 | 0.8% |
| 86.4% | 55.5 | 55.9 | 0.4 | 0.8% |
| 87.7% | 55.4 | 55.8 | 0.3 | 0.6% |
| 88.9% | 55.2 | 55.8 | 0.6 | 1.0% |
| 90.1% | 55.1 | 55.6 | 0.6 | 1.0% |
| 91.4% | 55.0 | 55.6 | 0.6 | 1.0% |
| 92.6% | 54.9 | 55.2 | 0.3 | 0.6% |
| 93.8% | 54.8 | 54.7 | -0.2 | -0.3% |
| 95.1% | 54.8 | 54.5 | -0.3 | -0.6% |
| 96.3% | 54.0 | 54.2 | 0.2 | 0.3% |
| 97.5% | 53.7 | 54.0 | 0.3 | 0.5% |
| 98.8% | 53.7 | 53.8 | 0.1 | 0.2% |
| 100.0% | 53.7 | 53.8 | 0.1 | 0.2% |

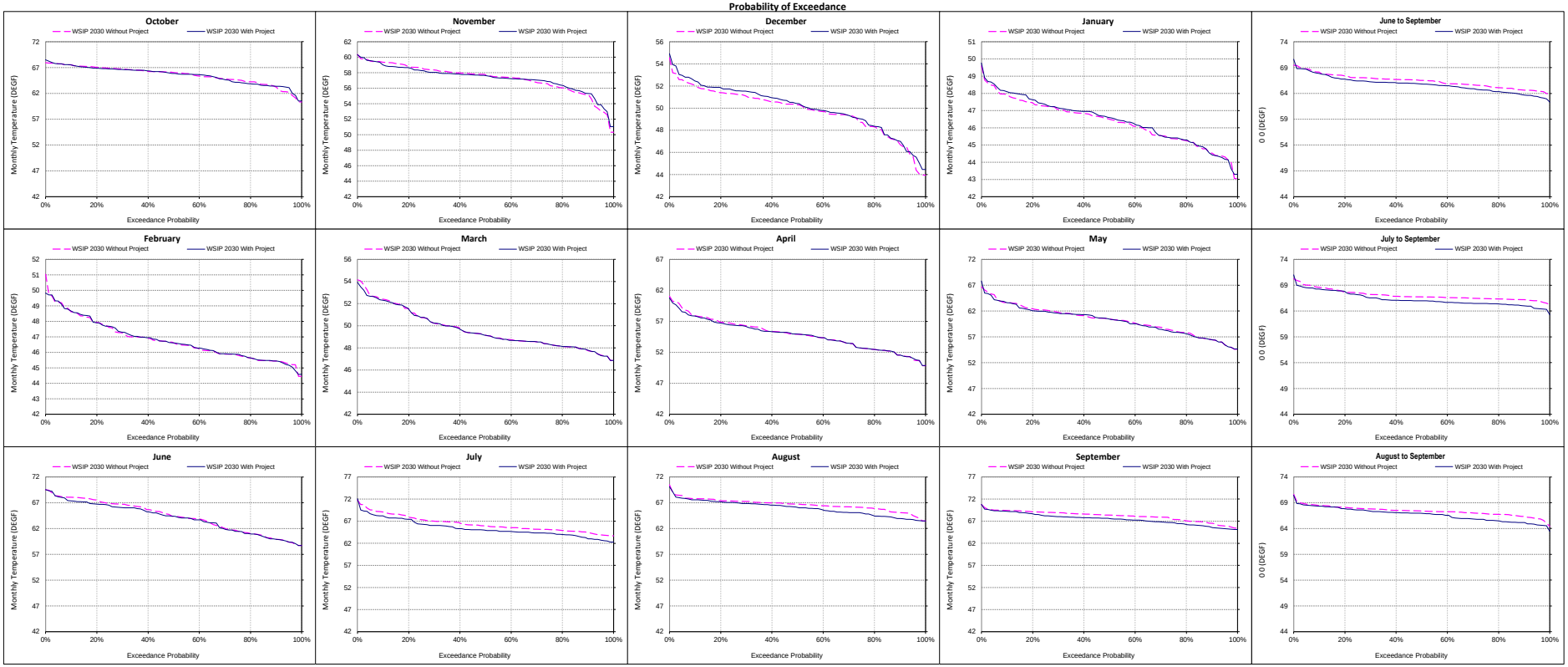
## Table SQ8-1b

**Sacramento River below Red Bluff, Monthly Temperature**

**Probability of Exceedance**

| June to September | | | | | July to September | | | | | August to September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 64.6 | 63.5 | -1.1 | -1.7% | 0.0% | 66.3 | 64.8 | -1.6 | -2.4% | 0.0% | 68.5 | 66.5 | -2.0 | -2.9% |
| 1.2% | 62.0 | 61.5 | -0.5 | -0.8% | 1.2% | 63.2 | 62.3 | -0.8 | -1.3% | 1.2% | 64.6 | 62.8 | -1.8 | -2.8% |
| 2.5% | 61.7 | 60.9 | -0.8 | -1.3% | 2.5% | 62.8 | 61.8 | -1.0 | -1.6% | 2.5% | 64.4 | 62.5 | -1.9 | -3.0% |
| 3.7% | 61.6 | 60.8 | -0.8 | -1.3% | 3.7% | 62.5 | 61.7 | -0.8 | -1.3% | 3.7% | 63.8 | 62.2 | -1.6 | -2.5% |
| 4.9% | 61.4 | 60.8 | -0.7 | -1.1% | 4.9% | 62.5 | 61.4 | -1.1 | -1.7% | 4.9% | 63.5 | 61.8 | -1.7 | -2.7% |
| 6.2% | 61.3 | 60.7 | -0.5 | -0.9% | 6.2% | 61.9 | 61.1 | -0.8 | -1.4% | 6.2% | 62.6 | 61.4 | -1.2 | -1.9% |
| 7.4% | 61.2 | 60.7 | -0.6 | -0.9% | 7.4% | 61.9 | 60.9 | -1.0 | -1.7% | 7.4% | 62.4 | 61.2 | -1.2 | -1.9% |
| 8.6% | 60.6 | 60.6 | 0.0 | -0.1% | 8.6% | 61.7 | 60.9 | -0.8 | -1.3% | 8.6% | 62.1 | 61.1 | -0.9 | -1.5% |
| 9.9% | 60.5 | 60.3 | -0.2 | -0.3% | 9.9% | 61.1 | 60.8 | -0.2 | -0.4% | 9.9% | 62.0 | 61.0 | -1.0 | -1.6% |
| 11.1% | 60.4 | 60.1 | -0.3 | -0.5% | 11.1% | 61.1 | 60.8 | -0.3 | -0.5% | 11.1% | 62.0 | 61.0 | -1.0 | -1.6% |
| 12.3% | 60.4 | 60.1 | -0.3 | -0.4% | 12.3% | 61.0 | 60.7 | -0.3 | -0.5% | 12.3% | 61.7 | 61.0 | -0.8 | -1.2% |
| 13.6% | 60.3 | 60.1 | -0.2 | -0.3% | 13.6% | 61.0 | 60.7 | -0.3 | -0.5% | 13.6% | 61.6 | 60.8 | -0.8 | -1.3% |
| 14.8% | 60.3 | 60.1 | -0.2 | -0.4% | 14.8% | 60.9 | 60.7 | -0.2 | -0.3% | 14.8% | 61.5 | 60.8 | -0.7 | -1.2% |
| 16.0% | 60.2 | 60.0 | -0.3 | -0.4% | 16.0% | 60.8 | 60.6 | -0.2 | -0.3% | 16.0% | 61.5 | 60.8 | -0.8 | -1.2% |
| 17.3% | 60.2 | 60.0 | -0.3 | -0.4% | 17.3% | 60.8 | 60.4 | -0.4 | -0.6% | 17.3% | 61.5 | 60.7 | -0.8 | -1.2% |
| 18.5% | 60.2 | 59.9 | -0.3 | -0.5% | 18.5% | 60.7 | 60.3 | -0.4 | -0.6% | 18.5% | 61.4 | 60.7 | -0.7 | -1.1% |
| 19.8% | 60.0 | 59.7 | -0.3 | -0.4% | 19.8% | 60.7 | 60.3 | -0.4 | -0.6% | 19.8% | 61.3 | 60.6 | -0.6 | -1.0% |
| 21.0% | 59.8 | 59.7 | -0.1 | -0.2% | 21.0% | 60.7 | 60.2 | -0.5 | -0.8% | 21.0% | 61.2 | 60.6 | -0.6 | -0.9% |
| 22.2% | 59.8 | 59.6 | -0.2 | -0.3% | 22.2% | 60.6 | 60.0 | -0.6 | -1.0% | 22.2% | 61.1 | 60.5 | -0.6 | -1.0% |
| 23.5% | 59.8 | 59.6 | -0.2 | -0.3% | 23.5% | 60.6 | 60.0 | -0.6 | -1.0% | 23.5% | 61.0 | 60.4 | -0.6 | -0.9% |
| 24.7% | 59.8 | 59.6 | -0.2 | -0.3% | 24.7% | 60.5 | 60.0 | -0.5 | -0.9% | 24.7% | 61.0 | 60.3 | -0.7 | -1.2% |
| 25.9% | 59.7 | 59.6 | -0.2 | -0.3% | 25.9% | 60.4 | 59.9 | -0.4 | -0.7% | 25.9% | 60.9 | 60.2 | -0.7 | -1.1% |
| 27.2% | 59.7 | 59.6 | -0.2 | -0.3% | 27.2% | 60.4 | 59.9 | -0.4 | -0.7% | 27.2% | 60.9 | 60.2 | -0.6 | -1.1% |
| 28.4% | 59.6 | 59.5 | -0.1 | -0.3% | 28.4% | 60.3 | 59.9 | -0.4 | -0.7% | 28.4% | 60.8 | 60.2 | -0.6 | -0.9% |
| 29.6% | 59.6 | 59.5 | -0.1 | -0.2% | 29.6% | 60.1 | 59.9 | -0.2 | -0.3% | 29.6% | 60.8 | 60.2 | -0.6 | -0.9% |
| 30.9% | 59.6 | 59.4 | -0.2 | -0.3% | 30.9% | 60.0 | 59.9 | -0.1 | -0.2% | 30.9% | 60.4 | 60.2 | -0.2 | -0.4% |
| 32.1% | 59.6 | 59.4 | -0.2 | -0.4% | 32.1% | 59.9 | 59.8 | -0.2 | -0.3% | 32.1% | 60.4 | 60.2 | -0.2 | -0.3% |
| 33.3% | 59.6 | 59.3 | -0.3 | -0.5% | 33.3% | 59.9 | 59.7 | -0.2 | -0.3% | 33.3% | 60.3 | 60.2 | -0.2 | -0.3% |
| 34.6% | 59.4 | 59.3 | -0.2 | -0.3% | 34.6% | 59.6 | 59.7 | 0.0 | 0.1% | 34.6% | 60.0 | 60.1 | 0.0 | 0.1% |
| 35.8% | 59.4 | 59.2 | -0.1 | -0.2% | 35.8% | 59.6 | 59.6 | 0.0 | -0.1% | 35.8% | 59.9 | 60.0 | 0.1 | 0.1% |
| 37.0% | 59.3 | 59.2 | -0.1 | -0.2% | 37.0% | 59.4 | 59.5 | 0.1 | 0.2% | 37.0% | 59.8 | 59.8 | -0.1 | -0.2% |
| 38.3% | 59.2 | 59.2 | 0.0 | 0.0% | 38.3% | 59.4 | 59.5 | 0.1 | 0.2% | 38.3% | 59.7 | 59.6 | -0.1 | -0.1% |
| 39.5% | 59.1 | 59.2 | 0.1 | 0.1% | 39.5% | 59.4 | 59.5 | 0.1 | 0.1% | 39.5% | 59.7 | 59.6 | 0.0 | -0.1% |
| 40.7% | 59.1 | 59.2 | 0.1 | 0.1% | 40.7% | 59.4 | 59.4 | 0.0 | 0.0% | 40.7% | 59.6 | 59.5 | -0.1 | -0.2% |
| 42.0% | 59.0 | 59.2 | 0.1 | 0.2% | 42.0% | 59.3 | 59.3 | 0.0 | 0.0% | 42.0% | 59.6 | 59.5 | -0.2 | -0.3% |
| 43.2% | 58.9 | 59.2 | 0.2 | 0.4% | 43.2% | 59.3 | 59.3 | 0.0 | 0.0% | 43.2% | 59.6 | 59.5 | -0.2 | -0.3% |
| 44.4% | 58.9 | 59.1 | 0.1 | 0.2% | 44.4% | 59.0 | 59.2 | 0.3 | 0.4% | 44.4% | 59.6 | 59.3 | -0.3 | -0.5% |
| 45.7% | 58.9 | 59.0 | 0.1 | 0.2% | 45.7% | 59.0 | 59.0 | 0.0 | 0.1% | 45.7% | 59.5 | 59.3 | -0.2 | -0.3% |
| 46.9% | 58.9 | 58.9 | 0.0 | 0.1% | 46.9% | 58.9 | 59.0 | 0.1 | 0.1% | 46.9% | 59.4 | 59.3 | -0.1 | -0.1% |
| 48.1% | 58.8 | 58.9 | 0.1 | 0.1% | 48.1% | 58.9 | 58.9 | 0.0 | 0.1% | 48.1% | 59.3 | 59.3 | 0.0 | 0.0% |
| 49.4% | 58.6 | 58.9 | 0.3 | 0.5% | 49.4% | 58.8 | 58.9 | 0.1 | 0.2% | 49.4% | 59.2 | 59.2 | 0.0 | -0.1% |
| 50.6% | 58.5 | 58.8 | 0.3 | 0.5% | 50.6% | 58.8 | 58.9 | 0.1 | 0.2% | 50.6% | 59.2 | 59.2 | -0.1 | -0.1% |
| 51.9% | 58.5 | 58.7 | 0.2 | 0.3% | 51.9% | 58.8 | 58.8 | 0.0 | 0.1% | 51.9% | 59.1 | 59.2 | 0.1 | 0.2% |
| 53.1% | 58.5 | 58.6 | 0.1 | 0.2% | 53.1% | 58.7 | 58.8 | 0.0 | 0.1% | 53.1% | 59.1 | 59.1 | 0.0 | 0.0% |
| 54.3% | 58.4 | 58.6 | 0.1 | 0.2% | 54.3% | 58.7 | 58.8 | 0.0 | 0.0% | 54.3% | 59.0 | 59.0 | 0.0 | 0.0% |
| 55.6% | 58.4 | 58.5 | 0.1 | 0.2% | 55.6% | 58.7 | 58.7 | 0.0 | -0.1% | 55.6% | 58.9 | 58.9 | 0.0 | -0.1% |
| 56.8% | 58.3 | 58.4 | 0.1 | 0.2% | 56.8% | 58.6 | 58.7 | 0.0 | 0.1% | 56.8% | 58.8 | 58.8 | -0.1 | -0.1% |
| 58.0% | 58.3 | 58.4 | 0.2 | 0.3% | 58.0% | 58.6 | 58.5 | -0.1 | -0.2% | 58.0% | 58.8 | 58.7 | -0.1 | -0.1% |
| 59.3% | 58.2 | 58.4 | 0.2 | 0.3% | 59.3% | 58.6 | 58.5 | -0.1 | -0.2% | 59.3% | 58.8 | 58.7 | -0.1 | -0.1% |
| 60.5% | 58.2 | 58.4 | 0.1 | 0.2% | 60.5% | 58.6 | 58.4 | -0.2 | -0.3% | 60.5% | 58.7 | 58.7 | 0.0 | 0.0% |
| 61.7% | 58.2 | 58.4 | 0.1 | 0.3% | 61.7% | 58.5 | 58.4 | -0.1 | -0.2% | 61.7% | 58.6 | 58.7 | 0.1 | 0.1% |
| 63.0% | 58.2 | 58.4 | 0.1 | 0.2% | 63.0% | 58.4 | 58.4 | 0.0 | -0.1% | 63.0% | 58.6 | 58.7 | 0.1 | 0.1% |
| 64.2% | 58.2 | 58.3 | 0.2 | 0.3% | 64.2% | 58.4 | 58.4 | 0.0 | -0.1% | 64.2% | 58.6 | 58.7 | 0.1 | 0.2% |
| 65.4% | 58.1 | 58.3 | 0.2 | 0.4% | 65.4% | 58.4 | 58.4 | 0.0 | 0.0% | 65.4% | 58.4 | 58.6 | 0.2 | 0.4% |
| 66.7% | 58.1 | 58.3 | 0.3 | 0.4% | 66.7% | 58.3 | 58.3 | 0.0 | 0.0% | 66.7% | 58.4 | 58.6 | 0.2 | 0.3% |
| 67.9% | 58.1 | 58.3 | 0.2 | 0.4% | 67.9% | 58.2 | 58.3 | 0.1 | 0.2% | 67.9% | 58.4 | 58.5 | 0.1 | 0.3% |
| 69.1% | 58.0 | 58.3 | 0.3 | 0.4% | 69.1% | 58.2 | 58.3 | 0.1 | 0.2% | 69.1% | 58.3 | 58.5 | 0.2 | 0.3% |
| 70.4% | 57.9 | 58.2 | 0.4 | 0.6% | 70.4% | 58.1 | 58.3 | 0.1 | 0.2% | 70.4% | 58.1 | 58.5 | 0.4 | 0.6% |
| 71.6% | 57.9 | 58.2 | 0.3 | 0.6% | 71.6% | 58.1 | 58.3 | 0.1 | 0.2% | 71.6% | 58.0 | 58.5 | 0.4 | 0.7% |
| 72.8% | 57.9 | 58.2 | 0.3 | 0.6% | 72.8% | 58.1 | 58.2 | 0.1 | 0.2% | 72.8% | 58.0 | 58.3 | 0.3 | 0.5% |
| 74.1% | 57.8 | 58.2 | 0.4 | 0.6% | 74.1% | 58.0 | 58.2 | 0.2 | 0.3% | 74.1% | 58.0 | 58.2 | 0.2 | 0.4% |
| 75.3% | 57.8 | 58.0 | 0.2 | 0.3% | 75.3% | 57.9 | 58.2 | 0.3 | 0.4% | 75.3% | 58.0 | 58.2 | 0.2 | 0.3% |
| 76.5% | 57.7 | 58.0 | 0.2 | 0.4% | 76.5% | 57.9 | 58.2 | 0.3 | 0.5% | 76.5% | 58.0 | 58.2 | 0.2 | 0.3% |
| 77.8% | 57.7 | 57.9 | 0.2 | 0.4% | 77.8% | 57.9 | 58.1 | 0.3 | 0.4% | 77.8% | 58.0 | 58.2 | 0.2 | 0.3% |
| 79.0% | 57.7 | 57.9 | 0.3 | 0.5% | 79.0% | 57.8 | 58.1 | 0.3 | 0.6% | 79.0% | 57.9 | 58.2 | 0.3 | 0.5% |
| 80.2% | 57.6 | 57.9 | 0.3 | 0.6% | 80.2% | 57.7 | 58.1 | 0.3 | 0.6% | 80.2% | 57.8 | 58.1 | 0.3 | 0.5% |
| 81.5% | 57.5 | 57.9 | 0.5 | 0.8% | 81.5% | 57.7 | 58.1 | 0.4 | 0.7% | 81.5% | 57.8 | 57.9 | 0.1 | 0.2% |
| 82.7% | 57.4 | 57.9 | 0.5 | 0.9% | 82.7% | 57.6 | 58.1 | 0.5 | 0.8% | 82.7% | 57.7 | 57.8 | 0.1 | 0.2% |
| 84.0% | 57.4 | 57.7 | 0.4 | 0.7% | 84.0% | 57.5 | 58.0 | 0.4 | 0.8% | 84.0% | 57.6 | 57.8 | 0.1 | 0.2% |
| 85.2% | 57.3 | 57.7 | 0.4 | 0.7% | 85.2% | 57.4 | 57.9 | 0.5 | 0.9% | 85.2% | 57.6 | 57.7 | 0.2 | 0.3% |
| 86.4% | 57.2 | 57.5 | 0.3 | 0.5% | 86.4% | 57.3 | 57.8 | 0.5 | 0.8% | 86.4% | 57.4 | 57.7 | 0.3 | 0.5% |
| 87.7% | 57.1 | 57.3 | 0.2 | 0.4% | 87.7% | 57.3 | 57.6 | 0.3 | 0.6% | 87.7% | 57.2 | 57.5 | 0.3 | 0.5% |
| 88.9% | 57.0 | 57.3 | 0.3 | 0.5% | 88.9% | 57.2 | 57.4 | 0.2 | 0.4% | 88.9% | 57.2 | 57.3 | 0.1 | 0.2% |
| 90.1% | 57.0 | 57.2 | 0.2 | 0.4% | 90.1% | 57.1 | 57.1 | -0.1 | -0.1% | 90.1% | 57.1 | 57.2 | 0.2 | 0.3% |
| 91.4% | 56.9 | 57.2 | 0.2 | 0.4% | 91.4% | 57.1 | 57.0 | -0.1 | -0.2% | 91.4% | 57.0 | 57.0 | 0.0 | 0.0% |
| 92.6% | 56.9 | 57.1 | 0.2 | 0.4% | 92.6% | 56.9 | 57.0 | 0.1 | 0.2% | 92.6% | 56.9 | 56.8 | -0.1 | -0.1% |
| 93.8% | 56.6 | 57.1 | 0.4 | 0.7% | 93.8% | 56.8 | 56.9 | 0.1 | 0.2% | 93.8% | 56.6 | 56.8 | 0.3 | 0.5% |
| 95.1% | 56.6 | 57.0 | 0.4 | 0.7% | 95.1% | 56.7 | 56.8 | 0.2 | 0.3% | 95.1% | 56.2 | 56.6 | 0.3 | 0.6% |
| 96.3% | 56.6 | 56.9 | 0.3 | 0.5% | 96.3% | 56.7 | 56.7 | 0.1 | 0.1% | 96.3% | 56.1 | 56.3 | 0.2 | 0.3% |
| 97.5% | 56.3 | 56.6 | 0.3 | 0.5% | 97.5% | 56.5 | 56.5 | -0.1 | -0.2% | 97.5% | 56.1 | 56.0 | -0.1 | -0.1% |
| 98.8% | 56.2 | 56.3 | 0.1 | 0.2% | 98.8% | 56.2 | 56.3 | 0.1 | 0.2% | 98.8% | 56.0 | 55.9 | -0.1 | -0.2% |
| 100.0% | 55.8 | 55.7 | -0.1 | -0.2% | 100.0% | 55.7 | 55.4 | -0.2 | -0.4% | 100.0% | 55.1 | 54.7 | -0.4 | -0.6% |

**Figure SQ9-1b**
**American River below Nimbus Dam, Monthly Temperature**
**Probability of Exceedance**



## Table SQ9-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 67.9 | 68.5 | 0.6 | 0.8% | 0.0% | 60.4 | 60.3 | 0.0 | -0.1% | 0.0% | 54.6 | 54.9 | 0.4 | 0.7% | 0.0% | 49.6 | 49.8 | 0.2 | 0.3% |
| 1.2% | 67.9 | 68.3 | 0.4 | 0.6% | 1.2% | 59.8 | 60.0 | 0.2 | 0.3% | 1.2% | 53.2 | 53.9 | 0.8 | 1.4% | 1.2% | 48.8 | 48.9 | 0.1 | 0.3% |
| 2.5% | 67.9 | 68.0 | 0.1 | 0.2% | 2.5% | 59.7 | 59.9 | 0.2 | 0.3% | 2.5% | 53.1 | 53.8 | 0.7 | 1.3% | 2.5% | 48.6 | 48.7 | 0.1 | 0.2% |
| 3.7% | 67.8 | 67.8 | -0.1 | -0.1% | 3.7% | 59.7 | 59.6 | -0.1 | -0.2% | 3.7% | 52.6 | 53.0 | 0.5 | 0.9% | 3.7% | 48.5 | 48.7 | 0.2 | 0.4% |
| 4.9% | 67.7 | 67.7 | 0.0 | 0.0% | 4.9% | 59.5 | 59.6 | 0.1 | 0.1% | 4.9% | 52.6 | 53.0 | 0.4 | 0.8% | 4.9% | 48.4 | 48.5 | 0.1 | 0.2% |
| 6.2% | 67.7 | 67.7 | 0.0 | 0.0% | 6.2% | 59.5 | 59.5 | 0.0 | 0.1% | 6.2% | 52.4 | 52.8 | 0.4 | 0.8% | 6.2% | 48.1 | 48.4 | 0.2 | 0.5% |
| 7.4% | 67.6 | 67.6 | 0.0 | 0.0% | 7.4% | 59.4 | 59.4 | 0.0 | 0.0% | 7.4% | 52.3 | 52.8 | 0.5 | 1.0% | 7.4% | 48.0 | 48.2 | 0.2 | 0.4% |
| 8.6% | 67.5 | 67.5 | 0.0 | 0.0% | 8.6% | 59.4 | 59.4 | -0.1 | -0.2% | 8.6% | 52.2 | 52.7 | 0.5 | 0.9% | 8.6% | 48.0 | 48.2 | 0.2 | 0.4% |
| 9.9% | 67.5 | 67.5 | 0.0 | 0.0% | 9.9% | 59.4 | 59.0 | -0.3 | -0.6% | 9.9% | 52.1 | 52.4 | 0.4 | 0.7% | 9.9% | 47.9 | 48.1 | 0.2 | 0.3% |
| 11.1% | 67.4 | 67.4 | 0.0 | 0.0% | 11.1% | 59.3 | 58.9 | -0.5 | -0.8% | 11.1% | 51.9 | 52.4 | 0.5 | 0.9% | 11.1% | 47.8 | 48.0 | 0.2 | 0.5% |
| 12.3% | 67.3 | 67.3 | -0.1 | -0.1% | 12.3% | 59.3 | 58.8 | -0.5 | -0.8% | 12.3% | 51.8 | 52.1 | 0.3 | 0.6% | 12.3% | 47.7 | 48.0 | 0.3 | 0.6% |
| 13.6% | 67.3 | 67.2 | -0.1 | -0.2% | 13.6% | 59.3 | 58.8 | -0.5 | -0.8% | 13.6% | 51.7 | 52.0 | 0.3 | 0.5% | 13.6% | 47.7 | 48.0 | 0.3 | 0.6% |
| 14.8% | 67.2 | 67.1 | -0.1 | -0.2% | 14.8% | 59.2 | 58.8 | -0.4 | -0.7% | 14.8% | 51.7 | 51.9 | 0.2 | 0.4% | 14.8% | 47.6 | 48.0 | 0.4 | 0.8% |
| 16.0% | 67.2 | 67.0 | -0.2 | -0.2% | 16.0% | 59.1 | 58.7 | -0.4 | -0.7% | 16.0% | 51.6 | 51.9 | 0.3 | 0.6% | 16.0% | 47.6 | 47.9 | 0.3 | 0.7% |
| 17.3% | 67.2 | 67.0 | -0.2 | -0.3% | 17.3% | 59.1 | 58.7 | -0.4 | -0.7% | 17.3% | 51.5 | 51.9 | 0.3 | 0.7% | 17.3% | 47.5 | 47.9 | 0.4 | 0.8% |
| 18.5% | 67.1 | 66.9 | -0.2 | -0.3% | 18.5% | 59.0 | 58.7 | -0.3 | -0.6% | 18.5% | 51.4 | 51.9 | 0.5 | 0.9% | 18.5% | 47.5 | 47.7 | 0.2 | 0.4% |
| 19.8% | 67.1 | 66.9 | -0.2 | -0.2% | 19.8% | 58.8 | 58.7 | -0.1 | -0.2% | 19.8% | 51.4 | 51.9 | 0.5 | 0.9% | 19.8% | 47.5 | 47.6 | 0.2 | 0.3% |
| 21.0% | 67.0 | 66.8 | -0.2 | -0.3% | 21.0% | 58.7 | 58.6 | -0.2 | -0.3% | 21.0% | 51.4 | 51.7 | 0.4 | 0.7% | 21.0% | 47.3 | 47.6 | 0.3 | 0.6% |
| 22.2% | 67.0 | 66.8 | -0.2 | -0.3% | 22.2% | 58.7 | 58.4 | -0.3 | -0.6% | 22.2% | 51.3 | 51.7 | 0.4 | 0.8% | 22.2% | 47.3 | 47.4 | 0.1 | 0.3% |
| 23.5% | 66.9 | 66.8 | -0.1 | -0.2% | 23.5% | 58.7 | 58.4 | -0.3 | -0.6% | 23.5% | 51.3 | 51.7 | 0.4 | 0.8% | 23.5% | 47.3 | 47.4 | 0.1 | 0.3% |
| 24.7% | 66.9 | 66.8 | -0.1 | -0.2% | 24.7% | 58.7 | 58.3 | -0.4 | -0.7% | 24.7% | 51.3 | 51.6 | 0.3 | 0.6% | 24.7% | 47.3 | 47.4 | 0.1 | 0.2% |
| 25.9% | 66.9 | 66.7 | -0.1 | -0.2% | 25.9% | 58.5 | 58.3 | -0.2 | -0.4% | 25.9% | 51.3 | 51.6 | 0.3 | 0.6% | 25.9% | 47.2 | 47.3 | 0.0 | 0.1% |
| 27.2% | 66.8 | 66.7 | -0.1 | -0.2% | 27.2% | 58.4 | 58.1 | -0.3 | -0.5% | 27.2% | 51.2 | 51.6 | 0.3 | 0.7% | 27.2% | 47.2 | 47.2 | 0.0 | 0.0% |
| 28.4% | 66.8 | 66.6 | -0.1 | -0.2% | 28.4% | 58.4 | 58.0 | -0.3 | -0.6% | 28.4% | 51.2 | 51.5 | 0.3 | 0.7% | 28.4% | 47.2 | 47.2 | 0.0 | 0.0% |
| 29.6% | 66.7 | 66.6 | -0.1 | -0.2% | 29.6% | 58.4 | 58.0 | -0.3 | -0.6% | 29.6% | 51.1 | 51.5 | 0.4 | 0.8% | 29.6% | 47.1 | 47.2 | 0.1 | 0.2% |
| 30.9% | 66.7 | 66.6 | -0.1 | -0.1% | 30.9% | 58.3 | 58.0 | -0.3 | -0.5% | 30.9% | 51.0 | 51.5 | 0.5 | 1.0% | 30.9% | 47.0 | 47.1 | 0.1 | 0.2% |
| 32.1% | 66.6 | 66.6 | 0.0 | 0.0% | 32.1% | 58.2 | 58.0 | -0.2 | -0.4% | 32.1% | 51.0 | 51.4 | 0.5 | 1.0% | 32.1% | 47.0 | 47.1 | 0.1 | 0.2% |
| 33.3% | 66.6 | 66.5 | -0.1 | -0.1% | 33.3% | 58.2 | 57.9 | -0.3 | -0.5% | 33.3% | 50.9 | 51.4 | 0.5 | 1.0% | 33.3% | 46.9 | 47.1 | 0.1 | 0.3% |
| 34.6% | 66.5 | 66.5 | 0.0 | 0.0% | 34.6% | 58.2 | 57.9 | -0.3 | -0.5% | 34.6% | 50.9 | 51.3 | 0.4 | 0.8% | 34.6% | 46.9 | 47.1 | 0.1 | 0.3% |
| 35.8% | 66.5 | 66.5 | 0.0 | 0.0% | 35.8% | 58.1 | 57.9 | -0.2 | -0.3% | 35.8% | 50.8 | 51.1 | 0.4 | 0.7% | 35.8% | 46.9 | 47.0 | 0.1 | 0.2% |
| 37.0% | 66.5 | 66.5 | 0.0 | 0.0% | 37.0% | 58.0 | 57.9 | -0.2 | -0.3% | 37.0% | 50.7 | 51.1 | 0.3 | 0.7% | 37.0% | 46.9 | 47.0 | 0.1 | 0.3% |
| 38.3% | 66.4 | 66.5 | 0.1 | 0.1% | 38.3% | 58.0 | 57.8 | -0.2 | -0.3% | 38.3% | 50.7 | 51.1 | 0.4 | 0.8% | 38.3% | 46.9 | 47.0 | 0.1 | 0.3% |
| 39.5% | 66.2 | 66.4 | 0.1 | 0.2% | 39.5% | 58.0 | 57.8 | -0.1 | -0.3% | 39.5% | 50.6 | 51.0 | 0.4 | 0.7% | 39.5% | 46.8 | 47.0 | 0.1 | 0.2% |
| 40.7% | 66.2 | 66.3 | 0.1 | 0.1% | 40.7% | 58.0 | 57.8 | -0.2 | -0.3% | 40.7% | 50.6 | 50.9 | 0.4 | 0.7% | 40.7% | 46.8 | 47.0 | 0.1 | 0.3% |
| 42.0% | 66.2 | 66.2 | 0.0 | 0.0% | 42.0% | 57.9 | 57.8 | -0.1 | -0.3% | 42.0% | 50.6 | 50.9 | 0.3 | 0.7% | 42.0% | 46.8 | 47.0 | 0.2 | 0.3% |
| 43.2% | 66.2 | 66.2 | 0.0 | 0.0% | 43.2% | 57.9 | 57.8 | -0.1 | -0.3% | 43.2% | 50.5 | 50.8 | 0.3 | 0.5% | 43.2% | 46.7 | 46.9 | 0.2 | 0.5% |
| 44.4% | 66.2 | 66.2 | 0.0 | 0.1% | 44.4% | 57.8 | 57.7 | -0.1 | -0.2% | 44.4% | 50.4 | 50.7 | 0.3 | 0.7% | 44.4% | 46.7 | 46.8 | 0.1 | 0.3% |
| 45.7% | 66.2 | 66.2 | 0.0 | 0.0% | 45.7% | 57.8 | 57.7 | -0.1 | -0.2% | 45.7% | 50.4 | 50.7 | 0.3 | 0.7% | 45.7% | 46.7 | 46.7 | 0.1 | 0.1% |
| 46.9% | 66.2 | 66.1 | -0.1 | -0.2% | 46.9% | 57.8 | 57.7 | -0.1 | -0.2% | 46.9% | 50.4 | 50.5 | 0.2 | 0.3% | 46.9% | 46.6 | 46.7 | 0.1 | 0.2% |
| 48.1% | 66.2 | 65.9 | -0.2 | -0.3% | 48.1% | 57.8 | 57.7 | -0.1 | -0.2% | 48.1% | 50.4 | 50.5 | 0.2 | 0.3% | 48.1% | 46.6 | 46.7 | 0.1 | 0.3% |
| 49.4% | 66.1 | 65.9 | -0.2 | -0.3% | 49.4% | 57.8 | 57.7 | -0.1 | -0.3% | 49.4% | 50.3 | 50.4 | 0.1 | 0.2% | 49.4% | 46.5 | 46.6 | 0.1 | 0.2% |
| 50.6% | 66.0 | 65.8 | -0.1 | -0.2% | 50.6% | 57.7 | 57.6 | -0.1 | -0.1% | 50.6% | 50.3 | 50.4 | 0.1 | 0.2% | 50.6% | 46.5 | 46.6 | 0.1 | 0.2% |
| 51.9% | 66.0 | 65.8 | -0.2 | -0.3% | 51.9% | 57.6 | 57.5 | -0.1 | -0.1% | 51.9% | 50.2 | 50.2 | 0.0 | 0.0% | 51.9% | 46.4 | 46.5 | 0.1 | 0.2% |
| 53.1% | 65.9 | 65.7 | -0.2 | -0.4% | 53.1% | 57.5 | 57.4 | -0.1 | -0.2% | 53.1% | 49.9 | 50.1 | 0.2 | 0.4% | 53.1% | 46.3 | 46.5 | 0.1 | 0.3% |
| 54.3% | 65.8 | 65.7 | -0.1 | -0.2% | 54.3% | 57.5 | 57.4 | -0.1 | -0.2% | 54.3% | 49.9 | 50.0 | 0.1 | 0.3% | 54.3% | 46.3 | 46.4 | 0.1 | 0.2% |
| 55.6% | 65.8 | 65.7 | -0.1 | -0.2% | 55.6% | 57.5 | 57.3 | -0.1 | -0.2% | 55.6% | 49.9 | 49.9 | 0.0 | 0.1% | 55.6% | 46.3 | 46.4 | 0.1 | 0.2% |
| 56.8% | 65.8 | 65.7 | -0.1 | -0.1% | 56.8% | 57.4 | 57.3 | -0.1 | -0.2% | 56.8% | 49.8 | 49.9 | 0.1 | 0.2% | 56.8% | 46.3 | 46.3 | 0.1 | 0.1% |
| 58.0% | 65.5 | 65.7 | 0.2 | 0.3% | 58.0% | 57.4 | 57.3 | -0.1 | -0.2% | 58.0% | 49.7 | 49.9 | 0.1 | 0.2% | 58.0% | 46.2 | 46.3 | 0.1 | 0.2% |
| 59.3% | 65.4 | 65.7 | 0.3 | 0.4% | 59.3% | 57.4 | 57.3 | -0.1 | -0.2% | 59.3% | 49.7 | 49.8 | 0.1 | 0.2% | 59.3% | 46.1 | 46.3 | 0.2 | 0.4% |
| 60.5% | 65.3 | 65.6 | 0.3 | 0.4% | 60.5% | 57.4 | 57.2 | -0.2 | -0.3% | 60.5% | 49.7 | 49.8 | 0.1 | 0.1% | 60.5% | 46.1 | 46.2 | 0.1 | 0.2% |
| 61.7% | 65.2 | 65.6 | 0.3 | 0.5% | 61.7% | 57.3 | 57.2 | -0.1 | -0.2% | 61.7% | 49.5 | 49.7 | 0.2 | 0.4% | 61.7% | 46.0 | 46.1 | 0.1 | 0.2% |
| 63.0% | 65.2 | 65.4 | 0.2 | 0.4% | 63.0% | 57.3 | 57.2 | -0.1 | -0.2% | 63.0% | 49.5 | 49.6 | 0.2 | 0.3% | 63.0% | 46.0 | 46.0 | 0.0 | 0.1% |
| 64.2% | 65.2 | 65.4 | 0.2 | 0.3% | 64.2% | 57.3 | 57.2 | -0.1 | -0.2% | 64.2% | 49.4 | 49.6 | 0.2 | 0.3% | 64.2% | 45.9 | 46.0 | 0.1 | 0.3% |
| 65.4% | 65.2 | 65.2 | 0.0 | 0.0% | 65.4% | 57.1 | 57.2 | 0.0 | 0.1% | 65.4% | 49.4 | 49.6 | 0.1 | 0.3% | 65.4% | 45.9 | 46.0 | 0.2 | 0.3% |
| 66.7% | 65.0 | 65.1 | 0.1 | 0.1% | 66.7% | 57.1 | 57.1 | 0.1 | 0.1% | 66.7% | 49.4 | 49.5 | 0.1 | 0.2% | 66.7% | 45.6 | 46.0 | 0.4 | 0.9% |
| 67.9% | 64.9 | 64.8 | -0.1 | -0.2% | 67.9% | 56.9 | 57.1 | 0.2 | 0.3% | 67.9% | 49.4 | 49.5 | 0.1 | 0.2% | 67.9% | 45.6 | 45.7 | 0.2 | 0.4% |
| 69.1% | 64.9 | 64.8 | -0.1 | -0.1% | 69.1% | 56.8 | 57.1 | 0.3 | 0.5% | 69.1% | 49.4 | 49.4 | 0.0 | 0.0% | 69.1% | 45.6 | 45.6 | 0.0 | 0.0% |
| 70.4% | 64.8 | 64.6 | -0.2 | -0.3% | 70.4% | 56.7 | 57.1 | 0.4 | 0.6% | 70.4% | 49.4 | 49.3 | -0.1 | -0.1% | 70.4% | 45.5 | 45.5 | 0.0 | 0.0% |
| 71.6% | 64.7 | 64.6 | -0.1 | -0.2% | 71.6% | 56.7 | 57.0 | 0.3 | 0.6% | 71.6% | 49.3 | 49.2 | -0.1 | -0.2% | 71.6% | 45.5 | 45.5 | -0.1 | -0.1% |
| 72.8% | 64.7 | 64.2 | -0.5 | -0.7% | 72.8% | 56.6 | 57.0 | 0.4 | 0.6% | 72.8% | 49.1 | 49.1 | 0.0 | 0.0% | 72.8% | 45.5 | 45.4 | 0.0 | 0.0% |
| 74.1% | 64.7 | 64.2 | -0.5 | -0.8% | 74.1% | 56.6 | 56.9 | 0.3 | 0.5% | 74.1% | 48.7 | 49.1 | 0.3 | 0.7% | 74.1% | 45.4 | 45.4 | 0.0 | 0.1% |
| 75.3% | 64.6 | 64.1 | -0.5 | -0.7% | 75.3% | 56.3 | 56.8 | 0.5 | 0.9% | 75.3% | 48.7 | 49.0 | 0.3 | 0.6% | 75.3% | 45.4 | 45.4 | 0.1 | 0.1% |
| 76.5% | 64.5 | 64.0 | -0.5 | -0.8% | 76.5% | 56.2 | 56.6 | 0.4 | 0.7% | 76.5% | 48.4 | 48.9 | 0.5 | 1.1% | 76.5% | 45.4 | 45.4 | 0.1 | 0.1% |
| 77.8% | 64.3 | 64.0 | -0.3 | -0.5% | 77.8% | 56.2 | 56.6 | 0.4 | 0.7% | 77.8% | 48.3 | 48.5 | 0.1 | 0.3% | 77.8% | 45.3 | 45.4 | 0.0 | 0.1% |
| 79.0% | 64.3 | 63.9 | -0.4 | -0.6% | 79.0% | 56.1 | 56.4 | 0.3 | 0.6% | 79.0% | 48.3 | 48.4 | 0.1 | 0.2% | 79.0% | 45.3 | 45.3 | 0.0 | 0.1% |
| 80.2% | 64.2 | 63.8 | -0.4 | -0.6% | 80.2% | 56.1 | 56.4 | 0.3 | 0.6% | 80.2% | 48.3 | 48.3 | 0.0 | 0.1% | 80.2% | 45.3 | 45.3 | 0.0 | 0.1% |
| 81.5% | 64.2 | 63.8 | -0.5 | -0.7% | 81.5% | 56.0 | 56.2 | 0.2 | 0.4% | 81.5% | 48.1 | 48.3 | 0.2 | 0.5% | 81.5% | 45.2 | 45.2 | 0.0 | 0.0% |
| 82.7% | 64.1 | 63.8 | -0.3 | -0.5% | 82.7% | 55.8 | 56.0 | 0.2 | 0.4% | 82.7% | 48.1 | 48.2 | 0.2 | 0.4% | 82.7% | 45.2 | 45.1 | 0.0 | 0.0% |
| 84.0% | 63.8 | 63.6 | -0.2 | -0.3% | 84.0% | 55.6 | 55.9 | 0.3 | 0.6% | 84.0% | 47.5 | 47.6 | 0.1 | 0.2% | 84.0% | 44.9 | 45.0 | 0.1 | 0.1% |
| 85.2% | 63.7 | 63.6 | -0.2 | -0.3% | 85.2% | 55.4 | 55.7 | 0.3 | 0.6% | 85.2% | 47.4 | 47.6 | 0.2 | 0.3% | 85.2% | 44.9 | 44.9 | 0.0 | 0.1% |
| 86.4% | 63.7 | 63.5 | -0.2 | -0.3% | 86.4% | 55.4 | 55.7 | 0.3 | 0.5% | 86.4% | 47.2 | 47.3 | 0.1 | 0.1% | 86.4% | 44.8 | 44.9 | 0.1 | 0.3% |
| 87.7% | 63.7 | 63.4 | -0.2 | -0.4% | 87.7% | 55.3 | 55.6 | 0.3 | 0.5% | 87.7% | 47.2 | 47.2 | 0.0 | 0.1% | 87.7% | 44.8 | 44.8 | 0.0 | 0.0% |
| 88.9% | 63.5 | 63.4 | 0.0 | -0.1% | 88.9% | 55.2 | 55.4 | 0.2 | 0.3% | 88.9% | 47.1 | 47.1 | 0.0 | 0.0% | 88.9% | 44.6 | 44.5 | 0.0 | 0.0% |
| 90.1% | 63.2 | 63.4 | 0.2 | 0.3% | 90.1% | 55.2 | 55.3 | 0.1 | 0.2% | 90.1% | 46.7 | 47.0 | 0.3 | 0.6% | 90.1% | 44.5 | 44.4 | -0.1 | -0.2% |
| 91.4% | 62.5 | 63.4 | 0.8 | 1.3% | 91.4% | 54.6 | 55.3 | 0.7 | 1.2% | 91.4% | 46.5 | 46.6 | 0.1 | 0.3% | 91.4% | 44.4 | 44.4 | 0.0 | 0.0% |
| 92.6% | 62.4 | 63.3 | 1.0 | 1.6% | 92.6% | 53.7 | 54.6 | 1.0 | 1.8% | 92.6% | 46.5 | 46.1 | -0.4 | -0.9% | 92.6% | 44.4 | 44.3 | 0.0 | -0.1% |
| 93.8% | 62.3 | 63.2 | 0.9 | 1.4% | 93.8% | 53.4 | 53.9 | 0.5 | 0.9% | 93.8% | 45.9 | 46.1 | 0.2 | 0.5% | 93.8% | 44.4 | 44.3 | -0.1 | -0.2% |
| 95.1% | 62.2 | 63.1 | 0.9 | 1.5% | 95.1% | 53.0 | 53.9 | 0.8 | 1.6% | 95.1% | 45.7 | 45.7 | 0.1 | 0.1% | 95.1% | 44.3 | 44.2 | -0.1 | -0.3% |
| 96.3% | 61.6 | 62.0 | 0.4 | 0.6% | 96.3% | 52.9 | 53.3 | 0.4 | 0.8% | 96.3% | 44.4 | 45.6 | 1.2 | 2.7% | 96.3% | 44.1 | 44.1 | 0.0 | 0.0% |
| 97.5% | 61.1 | 61.6 | 0.5 | 0.8% | 97.5% | 52.5 | 53.0 | 0.4 | 0.8% | 97.5% | 44.1 | 45.0 | 1.0 | 2.2% | 97.5% | 44.0 | 43.6 | -0.3 | -0.8% |
| 98.8% | 60.4 | 60.5 | 0.2 | 0.3% | 98.8% | 50.3 | 51.0 | 0.7 | 1.4% | 98.8% | 43.9 | 44.5 | 0.5 | 1.1% | 98.8% | 43.1 | 43.3 | 0.2 | 0.6% |
| 100.0% | 60.4 | 60.5 | 0.0 | 0.3% | 100.0% | 50.3 | 51.0 | 0.7 | 1.4% | 100.0% | 43.9 | 44.5 | 0.5 | 1.1% | 100.0% | 43.1 | 43.3 | 0.2 | 0.6% |

## Table SQ9-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 51.0 | 49.8 | -1.2 | -2.4% | 0.0% | 54.1 | 53.9 | -0.2 | -0.4% | 0.0% | 61.1 | 60.8 | -0.3 | -0.4% | 0.0% | 66.7 | 67.8 | 1.1 | 1.7% |
| 1.2% | 49.7 | 49.7 | 0.0 | -0.1% | 1.2% | 54.1 | 53.5 | -0.6 | -1.0% | 1.2% | 60.2 | 60.0 | -0.3 | -0.4% | 1.2% | 66.1 | 65.5 | -0.6 | -0.9% |
| 2.5% | 49.6 | 49.7 | 0.1 | 0.1% | 2.5% | 53.7 | 53.2 | -0.5 | -0.9% | 2.5% | 60.2 | 59.7 | -0.5 | -0.9% | 2.5% | 65.7 | 65.4 | -0.3 | -0.4% |
| 3.7% | 49.2 | 49.3 | 0.1 | 0.2% | 3.7% | 53.3 | 52.7 | -0.5 | -1.0% | 3.7% | 59.9 | 59.1 | -0.8 | -1.3% | 3.7% | 65.3 | 65.1 | -0.2 | -0.3% |
| 4.9% | 49.2 | 49.3 | 0.1 | 0.2% | 4.9% | 52.7 | 52.7 | 0.0 | 0.0% | 4.9% | 59.2 | 58.5 | -0.6 | -1.0% | 4.9% | 65.2 | 64.2 | -1.0 | -1.5% |
| 6.2% | 49.2 | 49.1 | -0.1 | -0.2% | 6.2% | 52.7 | 52.6 | 0.0 | 0.0% | 6.2% | 58.8 | 58.5 | -0.3 | -0.6% | 6.2% | 64.2 | 64.1 | -0.1 | -0.2% |
| 7.4% | 48.9 | 48.8 | 0.0 | -0.1% | 7.4% | 52.6 | 52.5 | -0.1 | -0.2% | 7.4% | 58.6 | 58.0 | -0.6 | -1.1% | 7.4% | 63.9 | 63.9 | 0.0 | 0.1% |
| 8.6% | 48.8 | 48.8 | -0.1 | -0.1% | 8.6% | 52.5 | 52.4 | -0.1 | -0.2% | 8.6% | 58.0 | 57.9 | -0.1 | -0.2% | 8.6% | 63.7 | 63.9 | 0.2 | 0.3% |
| 9.9% | 48.6 | 48.7 | 0.1 | 0.1% | 9.9% | 52.4 | 52.3 | -0.1 | -0.2% | 9.9% | 57.9 | 57.9 | -0.1 | -0.1% | 9.9% | 63.6 | 63.6 | 0.0 | 0.0% |
| 11.1% | 48.6 | 48.6 | 0.0 | -0.1% | 11.1% | 52.3 | 52.2 | -0.1 | -0.2% | 11.1% | 57.8 | 57.7 | -0.1 | -0.1% | 11.1% | 63.6 | 63.6 | 0.0 | -0.1% |
| 12.3% | 48.5 | 48.5 | 0.0 | 0.1% | 12.3% | 52.3 | 52.2 | -0.1 | -0.2% | 12.3% | 57.7 | 57.6 | -0.2 | -0.3% | 12.3% | 63.5 | 63.4 | -0.1 | -0.1% |
| 13.6% | 48.3 | 48.5 | 0.1 | 0.2% | 13.6% | 52.0 | 52.1 | 0.1 | 0.1% | 13.6% | 57.7 | 57.5 | -0.2 | -0.3% | 13.6% | 63.5 | 63.3 | -0.1 | -0.2% |
| 14.8% | 48.3 | 48.4 | 0.1 | 0.1% | 14.8% | 52.0 | 51.9 | -0.1 | -0.2% | 14.8% | 57.6 | 57.4 | -0.2 | -0.4% | 14.8% | 63.2 | 62.6 | -0.6 | -1.0% |
| 16.0% | 48.3 | 48.4 | 0.1 | 0.2% | 16.0% | 51.9 | 51.9 | 0.0 | -0.1% | 16.0% | 57.3 | 57.2 | -0.1 | -0.2% | 16.0% | 62.9 | 62.5 | -0.4 | -0.7% |
| 17.3% | 48.2 | 48.3 | 0.1 | 0.2% | 17.3% | 51.9 | 51.9 | -0.1 | -0.2% | 17.3% | 57.3 | 56.9 | -0.4 | -0.7% | 17.3% | 62.6 | 62.4 | -0.3 | -0.4% |
| 18.5% | 47.9 | 47.9 | 0.0 | 0.0% | 18.5% | 51.6 | 51.7 | 0.2 | 0.3% | 18.5% | 57.1 | 56.8 | -0.4 | -0.7% | 18.5% | 62.6 | 62.2 | -0.3 | -0.5% |
| 19.8% | 47.9 | 47.9 | 0.0 | -0.1% | 19.8% | 51.6 | 51.6 | 0.0 | 0.0% | 19.8% | 56.9 | 56.7 | -0.1 | -0.3% | 19.8% | 62.5 | 62.0 | -0.4 | -0.7% |
| 21.0% | 47.9 | 47.9 | 0.0 | 0.0% | 21.0% | 51.2 | 51.2 | 0.0 | 0.0% | 21.0% | 56.8 | 56.6 | -0.2 | -0.3% | 21.0% | 62.3 | 62.0 | -0.3 | -0.5% |
| 22.2% | 47.8 | 47.8 | 0.0 | -0.1% | 22.2% | 51.1 | 50.9 | -0.2 | -0.4% | 22.2% | 56.8 | 56.5 | -0.3 | -0.4% | 22.2% | 62.2 | 62.0 | -0.3 | -0.4% |
| 23.5% | 47.8 | 47.7 | -0.1 | -0.2% | 23.5% | 50.8 | 50.9 | 0.1 | 0.1% | 23.5% | 56.7 | 56.5 | -0.3 | -0.5% | 23.5% | 62.2 | 61.9 | -0.3 | -0.5% |
| 24.7% | 47.6 | 47.7 | 0.1 | 0.1% | 24.7% | 50.7 | 50.8 | 0.0 | 0.0% | 24.7% | 56.6 | 56.4 | -0.2 | -0.4% | 24.7% | 62.2 | 61.9 | -0.3 | -0.4% |
| 25.9% | 47.6 | 47.7 | 0.1 | 0.1% | 25.9% | 50.7 | 50.8 | 0.0 | 0.1% | 25.9% | 56.5 | 56.4 | -0.1 | -0.3% | 25.9% | 62.1 | 61.8 | -0.3 | -0.5% |
| 27.2% | 47.3 | 47.6 | 0.3 | 0.5% | 27.2% | 50.7 | 50.7 | 0.0 | 0.0% | 27.2% | 56.5 | 56.3 | -0.2 | -0.3% | 27.2% | 62.0 | 61.7 | -0.3 | -0.4% |
| 28.4% | 47.3 | 47.4 | 0.1 | 0.2% | 28.4% | 50.4 | 50.4 | 0.0 | 0.0% | 28.4% | 56.4 | 56.3 | -0.1 | -0.2% | 28.4% | 61.9 | 61.7 | -0.3 | -0.4% |
| 29.6% | 47.3 | 47.3 | 0.0 | 0.1% | 29.6% | 50.2 | 50.3 | 0.0 | 0.0% | 29.6% | 56.3 | 56.2 | -0.1 | -0.1% | 29.6% | 61.8 | 61.6 | -0.2 | -0.3% |
| 30.9% | 47.1 | 47.3 | 0.1 | 0.3% | 30.9% | 50.2 | 50.2 | 0.0 | 0.1% | 30.9% | 56.3 | 56.0 | -0.3 | -0.5% | 30.9% | 61.6 | 61.5 | -0.1 | -0.2% |
| 32.1% | 47.0 | 47.2 | 0.2 | 0.4% | 32.1% | 50.2 | 50.2 | 0.0 | 0.0% | 32.1% | 56.2 | 55.9 | -0.3 | -0.4% | 32.1% | 61.6 | 61.5 | -0.1 | -0.1% |
| 33.3% | 47.0 | 47.1 | 0.1 | 0.2% | 33.3% | 50.1 | 50.0 | 0.0 | -0.1% | 33.3% | 56.1 | 55.7 | -0.3 | -0.6% | 33.3% | 61.6 | 61.5 | -0.1 | -0.1% |
| 34.6% | 47.0 | 47.0 | 0.0 | 0.1% | 34.6% | 50.0 | 50.0 | 0.0 | 0.0% | 34.6% | 56.1 | 55.7 | -0.3 | -0.6% | 34.6% | 61.5 | 61.4 | -0.1 | -0.1% |
| 35.8% | 47.0 | 47.0 | 0.0 | 0.1% | 35.8% | 50.0 | 50.0 | 0.0 | 0.0% | 35.8% | 55.9 | 55.5 | -0.4 | -0.8% | 35.8% | 61.3 | 61.4 | 0.1 | 0.1% |
| 37.0% | 47.0 | 47.0 | 0.0 | 0.0% | 37.0% | 50.0 | 49.9 | 0.0 | 0.0% | 37.0% | 55.7 | 55.4 | -0.2 | -0.4% | 37.0% | 61.2 | 61.3 | 0.1 | 0.2% |
| 38.3% | 47.0 | 47.0 | 0.0 | 0.0% | 38.3% | 49.9 | 49.9 | -0.1 | -0.1% | 38.3% | 55.4 | 55.4 | 0.0 | 0.0% | 38.3% | 61.1 | 61.3 | 0.2 | 0.3% |
| 39.5% | 46.9 | 47.0 | 0.0 | 0.1% | 39.5% | 49.9 | 49.8 | -0.1 | -0.1% | 39.5% | 55.4 | 55.4 | 0.0 | 0.0% | 39.5% | 61.1 | 61.3 | 0.2 | 0.3% |
| 40.7% | 46.9 | 46.9 | 0.0 | 0.1% | 40.7% | 49.6 | 49.6 | 0.0 | 0.1% | 40.7% | 55.3 | 55.3 | 0.0 | -0.1% | 40.7% | 61.0 | 61.3 | 0.2 | 0.4% |
| 42.0% | 46.8 | 46.9 | 0.1 | 0.2% | 42.0% | 49.4 | 49.5 | 0.0 | 0.0% | 42.0% | 55.3 | 55.3 | 0.0 | -0.1% | 42.0% | 60.8 | 61.2 | 0.4 | 0.7% |
| 43.2% | 46.8 | 46.8 | 0.1 | 0.2% | 43.2% | 49.4 | 49.4 | 0.0 | 0.0% | 43.2% | 55.3 | 55.2 | -0.1 | -0.1% | 43.2% | 60.7 | 61.1 | 0.5 | 0.8% |
| 44.4% | 46.7 | 46.7 | 0.0 | 0.0% | 44.4% | 49.4 | 49.4 | 0.0 | 0.0% | 44.4% | 55.2 | 55.2 | 0.0 | 0.0% | 44.4% | 60.6 | 60.7 | 0.1 | 0.2% |
| 45.7% | 46.7 | 46.7 | 0.0 | 0.0% | 45.7% | 49.3 | 49.3 | 0.0 | 0.0% | 45.7% | 55.1 | 55.2 | 0.1 | 0.1% | 45.7% | 60.6 | 60.7 | 0.1 | 0.1% |
| 46.9% | 46.7 | 46.7 | 0.0 | 0.0% | 46.9% | 49.3 | 49.3 | 0.0 | 0.0% | 46.9% | 55.0 | 55.1 | 0.2 | 0.3% | 46.9% | 60.6 | 60.6 | 0.1 | 0.1% |
| 48.1% | 46.7 | 46.6 | 0.0 | -0.1% | 48.1% | 49.3 | 49.3 | 0.0 | 0.0% | 48.1% | 55.0 | 55.0 | 0.0 | 0.0% | 48.1% | 60.6 | 60.6 | 0.0 | 0.1% |
| 49.4% | 46.7 | 46.6 | 0.0 | -0.1% | 49.4% | 49.2 | 49.2 | 0.0 | 0.0% | 49.4% | 54.9 | 55.0 | 0.0 | 0.1% | 49.4% | 60.5 | 60.5 | -0.1 | -0.1% |
| 50.6% | 46.6 | 46.6 | 0.0 | 0.1% | 50.6% | 49.1 | 49.1 | 0.0 | 0.0% | 50.6% | 54.9 | 54.9 | 0.0 | 0.0% | 50.6% | 60.4 | 60.4 | -0.1 | -0.1% |
| 51.9% | 46.5 | 46.6 | 0.1 | 0.2% | 51.9% | 49.1 | 49.1 | 0.0 | 0.0% | 51.9% | 54.9 | 54.9 | 0.0 | 0.1% | 51.9% | 60.3 | 60.3 | 0.0 | 0.0% |
| 53.1% | 46.5 | 46.5 | 0.1 | 0.1% | 53.1% | 49.0 | 48.9 | 0.0 | 0.0% | 53.1% | 54.8 | 54.8 | 0.1 | 0.1% | 53.1% | 60.3 | 60.2 | -0.1 | -0.2% |
| 54.3% | 46.5 | 46.5 | 0.1 | 0.1% | 54.3% | 48.9 | 48.9 | 0.0 | 0.0% | 54.3% | 54.7 | 54.8 | 0.1 | 0.1% | 54.3% | 60.2 | 60.1 | 0.0 | -0.1% |
| 55.6% | 46.5 | 46.5 | 0.0 | 0.1% | 55.6% | 48.9 | 48.8 | 0.0 | -0.1% | 55.6% | 54.6 | 54.8 | 0.2 | 0.3% | 55.6% | 60.2 | 60.0 | -0.1 | -0.2% |
| 56.8% | 46.4 | 46.5 | 0.0 | 0.1% | 56.8% | 48.8 | 48.8 | 0.0 | 0.0% | 56.8% | 54.6 | 54.6 | 0.0 | 0.0% | 56.8% | 60.0 | 59.9 | -0.1 | -0.2% |
| 58.0% | 46.3 | 46.3 | 0.0 | 0.1% | 58.0% | 48.8 | 48.8 | 0.0 | 0.0% | 58.0% | 54.4 | 54.4 | 0.0 | 0.1% | 58.0% | 59.8 | 59.5 | -0.3 | -0.5% |
| 59.3% | 46.3 | 46.3 | 0.0 | 0.0% | 59.3% | 48.8 | 48.7 | -0.1 | -0.2% | 59.3% | 54.4 | 54.4 | 0.0 | 0.0% | 59.3% | 59.8 | 59.5 | -0.2 | -0.4% |
| 60.5% | 46.2 | 46.3 | 0.1 | 0.2% | 60.5% | 48.7 | 48.7 | 0.0 | -0.1% | 60.5% | 54.3 | 54.3 | 0.0 | 0.1% | 60.5% | 59.5 | 59.5 | 0.0 | 0.0% |
| 61.7% | 46.1 | 46.2 | 0.1 | 0.2% | 61.7% | 48.7 | 48.7 | 0.0 | 0.0% | 61.7% | 54.0 | 54.0 | 0.0 | 0.0% | 61.7% | 59.3 | 59.3 | 0.0 | 0.0% |
| 63.0% | 46.1 | 46.2 | 0.1 | 0.2% | 63.0% | 48.6 | 48.7 | 0.0 | 0.0% | 63.0% | 54.0 | 54.0 | 0.0 | 0.0% | 63.0% | 59.3 | 59.1 | -0.2 | -0.3% |
| 64.2% | 46.1 | 46.1 | 0.0 | 0.1% | 64.2% | 48.6 | 48.6 | 0.0 | 0.0% | 64.2% | 54.0 | 53.9 | -0.1 | -0.2% | 64.2% | 59.3 | 59.1 | -0.2 | -0.3% |
| 65.4% | 46.1 | 46.1 | 0.0 | 0.0% | 65.4% | 48.6 | 48.6 | 0.0 | 0.0% | 65.4% | 53.9 | 53.9 | 0.0 | 0.0% | 65.4% | 59.2 | 58.9 | -0.3 | -0.5% |
| 66.7% | 46.0 | 46.0 | 0.0 | 0.0% | 66.7% | 48.6 | 48.6 | 0.0 | 0.0% | 66.7% | 53.8 | 53.9 | 0.0 | 0.1% | 66.7% | 59.1 | 58.9 | -0.2 | -0.4% |
| 67.9% | 45.9 | 45.9 | 0.0 | 0.0% | 67.9% | 48.6 | 48.6 | 0.0 | 0.0% | 67.9% | 53.7 | 53.7 | 0.0 | 0.0% | 67.9% | 58.9 | 58.8 | -0.1 | -0.2% |
| 69.1% | 45.9 | 45.9 | 0.0 | 0.0% | 69.1% | 48.6 | 48.6 | 0.0 | 0.0% | 69.1% | 53.5 | 53.5 | 0.0 | 0.0% | 69.1% | 58.9 | 58.5 | -0.4 | -0.7% |
| 70.4% | 45.9 | 45.9 | 0.0 | 0.0% | 70.4% | 48.5 | 48.5 | 0.0 | 0.0% | 70.4% | 53.4 | 53.4 | 0.0 | 0.0% | 70.4% | 58.8 | 58.5 | -0.4 | -0.6% |
| 71.6% | 45.9 | 45.9 | 0.0 | 0.0% | 71.6% | 48.5 | 48.5 | 0.0 | 0.0% | 71.6% | 53.4 | 53.4 | 0.0 | 0.0% | 71.6% | 58.5 | 58.3 | -0.2 | -0.3% |
| 72.8% | 45.9 | 45.9 | 0.0 | 0.0% | 72.8% | 48.4 | 48.4 | 0.0 | 0.0% | 72.8% | 52.8 | 52.8 | 0.0 | 0.0% | 72.8% | 58.5 | 58.2 | -0.3 | -0.4% |
| 74.1% | 45.9 | 45.9 | 0.0 | 0.0% | 74.1% | 48.4 | 48.4 | 0.0 | 0.0% | 74.1% | 52.7 | 52.7 | 0.0 | 0.0% | 74.1% | 58.3 | 58.0 | -0.3 | -0.5% |
| 75.3% | 45.8 | 45.9 | 0.1 | 0.1% | 75.3% | 48.3 | 48.3 | 0.0 | 0.0% | 75.3% | 52.6 | 52.7 | 0.0 | 0.0% | 75.3% | 58.2 | 57.9 | -0.3 | -0.5% |
| 76.5% | 45.8 | 45.8 | 0.0 | 0.1% | 76.5% | 48.2 | 48.2 | 0.0 | 0.0% | 76.5% | 52.6 | 52.6 | 0.0 | 0.0% | 76.5% | 58.0 | 57.9 | -0.1 | -0.2% |
| 77.8% | 45.7 | 45.7 | 0.0 | 0.1% | 77.8% | 48.2 | 48.2 | 0.0 | 0.0% | 77.8% | 52.6 | 52.6 | 0.0 | 0.0% | 77.8% | 57.9 | 57.8 | -0.1 | -0.1% |
| 79.0% | 45.7 | 45.7 | 0.0 | 0.0% | 79.0% | 48.2 | 48.2 | 0.0 | 0.0% | 79.0% | 52.5 | 52.5 | 0.0 | 0.0% | 79.0% | 57.9 | 57.7 | -0.1 | -0.3% |
| 80.2% | 45.6 | 45.6 | 0.0 | 0.0% | 80.2% | 48.1 | 48.1 | 0.0 | 0.0% | 80.2% | 52.5 | 52.5 | 0.0 | 0.0% | 80.2% | 57.8 | 57.6 | -0.2 | -0.4% |
| 81.5% | 45.6 | 45.6 | 0.0 | 0.0% | 81.5% | 48.1 | 48.1 | 0.0 | 0.0% | 81.5% | 52.4 | 52.4 | 0.0 | 0.0% | 81.5% | 57.7 | 57.3 | -0.4 | -0.7% |
| 82.7% | 45.5 | 45.5 | 0.0 | 0.1% | 82.7% | 48.1 | 48.1 | 0.0 | 0.0% | 82.7% | 52.3 | 52.3 | 0.0 | 0.0% | 82.7% | 57.3 | 57.1 | -0.2 | -0.4% |
| 84.0% | 45.5 | 45.5 | 0.0 | 0.0% | 84.0% | 48.1 | 48.1 | 0.0 | 0.0% | 84.0% | 52.3 | 52.3 | 0.0 | 0.0% | 84.0% | 56.9 | 56.9 | 0.0 | 0.0% |
| 85.2% | 45.5 | 45.5 | 0.0 | 0.0% | 85.2% | 48.1 | 48.1 | 0.0 | 0.0% | 85.2% | 52.2 | 52.2 | 0.0 | 0.0% | 85.2% | 56.8 | 56.8 | 0.0 | 0.0% |
| 86.4% | 45.5 | 45.5 | 0.0 | 0.0% | 86.4% | 48.0 | 48.0 | 0.0 | 0.0% | 86.4% | 52.2 | 52.2 | 0.0 | 0.0% | 86.4% | 56.8 | 56.8 | 0.0 | 0.0% |
| 87.7% | 45.4 | 45.5 | 0.0 | 0.0% | 87.7% | 47.9 | 47.9 | 0.0 | 0.0% | 87.7% | 52.1 | 52.1 | 0.0 | 0.0% | 87.7% | 56.6 | 56.7 | 0.1 | 0.2% |
| 88.9% | 45.4 | 45.5 | 0.0 | 0.0% | 88.9% | 47.9 | 47.9 | 0.0 | 0.0% | 88.9% | 51.6 | 51.6 | 0.0 | 0.0% | 88.9% | 56.5 | 56.5 | 0.0 | 0.0% |
| 90.1% | 45.4 | 45.4 | 0.0 | 0.0% | 90.1% | 47.7 | 47.8 | 0.0 | 0.1% | 90.1% | 51.5 | 51.5 | 0.0 | 0.0% | 90.1% | 56.4 | 56.4 | 0.0 | 0.0% |
| 91.4% | 45.4 | 45.4 | 0.0 | -0.1% | 91.4% | 47.7 | 47.7 | 0.0 | 0.0% | 91.4% | 51.4 | 51.4 | 0.0 | 0.0% | 91.4% | 56.3 | 56.4 | 0.0 | 0.0% |
| 92.6% | 45.4 | 45.3 | 0.0 | -0.1% | 92.6% | 47.7 | 47.7 | 0.0 | 0.0% | 92.6% | 51.3 | 51.3 | 0.0 | -0.1% | 92.6% | 56.0 | 56.0 | 0.0 | 0.0% |
| 93.8% | 45.3 | 45.2 | -0.1 | -0.2% | 93.8% | 47.4 | 47.5 | 0.0 | 0.0% | 93.8% | 51.3 | 51.3 | 0.0 | -0.1% | 93.8% | 56.0 | 56.0 | 0.0 | 0.0% |
| 95.1% | 45.3 | 45.2 | -0.1 | -0.2% | 95.1% | 47.3 | 47.3 | -0.1 | -0.1% | 95.1% | 50.8 | 51.0 | 0.3 | 0.5% | 95.1% | 55.4 | 55.4 | 0.0 | 0.0% |
| 96.3% | 45.2 | 45.0 | -0.2 | -0.4% | 96.3% | 47.3 | 47.3 | 0.0 | 0.0% | 96.3% | 50.7 | 50.8 | 0.1 | 0.2% | 96.3% | 55.1 | 55.1 | 0.0 | 0.0% |
| 97.5% | 45.2 | 44.8 | -0.4 | -0.9% | 97.5% | 47.3 | 47.3 | 0.0 | 0.0% | 97.5% | 50.7 | 50.7 | 0.0 | 0.1% | 97.5% | 55.0 | 55.0 | 0.0 | 0.0% |
| 98.8% | 44.4 | 44.6 | 0.1 | 0.3% | 98.8% | 46.9 | 46.9 | 0.0 | 0.0% | 98.8% | 49.8 | 49.9 | 0.0 | 0.1% | 98.8% | 54.6 | 54.6 | 0.1 | 0.1% |
| 100.0% | 44.4 | 44.6 | 0.1 | 0.3% | 100.0% | 46.9 | 46.9 | 0.0 | 0.0% | 100.0% | 49.8 | 49.9 | 0.0 | 0.1% | 100.0% | 54.6 | 54.6 | 0.1 | 0.1% |

## Table SQ9-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

### June

| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
|---|---|---|---|---|
| 0.0% | 69.5 | 69.5 | 0.0 | 0.0% |
| 1.2% | 69.4 | 69.4 | -0.1 | -0.1% |
| 2.5% | 68.9 | 69.3 | 0.3 | 0.5% |
| 3.7% | 68.3 | 68.4 | 0.0 | 0.0% |
| 4.9% | 68.3 | 68.1 | -0.2 | -0.3% |
| 6.2% | 68.2 | 68.1 | -0.1 | -0.2% |
| 7.4% | 68.1 | 67.9 | -0.2 | -0.3% |
| 8.6% | 68.1 | 67.4 | -0.7 | -1.0% |
| 9.9% | 68.1 | 67.4 | -0.7 | -1.0% |
| 11.1% | 68.0 | 67.3 | -0.7 | -1.1% |
| 12.3% | 68.0 | 67.2 | -0.8 | -1.2% |
| 13.6% | 68.0 | 67.2 | -0.8 | -1.1% |
| 14.8% | 67.9 | 67.2 | -0.7 | -1.1% |
| 16.0% | 67.9 | 67.1 | -0.7 | -1.1% |
| 17.3% | 67.8 | 66.9 | -0.9 | -1.3% |
| 18.5% | 67.6 | 66.8 | -0.8 | -1.2% |
| 19.8% | 67.5 | 66.7 | -0.8 | -1.2% |
| 21.0% | 67.2 | 66.7 | -0.5 | -0.8% |
| 22.2% | 67.1 | 66.7 | -0.4 | -0.6% |
| 23.5% | 67.0 | 66.6 | -0.3 | -0.5% |
| 24.7% | 66.9 | 66.5 | -0.3 | -0.5% |
| 25.9% | 66.8 | 66.2 | -0.6 | -0.9% |
| 27.2% | 66.8 | 66.2 | -0.6 | -0.9% |
| 28.4% | 66.8 | 66.1 | -0.7 | -1.0% |
| 29.6% | 66.7 | 66.1 | -0.6 | -1.0% |
| 30.9% | 66.7 | 66.0 | -0.7 | -1.0% |
| 32.1% | 66.5 | 66.0 | -0.5 | -0.7% |
| 33.3% | 66.5 | 66.0 | -0.5 | -0.7% |
| 34.6% | 66.4 | 66.0 | -0.4 | -0.6% |
| 35.8% | 66.3 | 65.8 | -0.4 | -0.6% |
| 37.0% | 66.2 | 65.8 | -0.4 | -0.6% |
| 38.3% | 66.1 | 65.5 | -0.5 | -0.8% |
| 39.5% | 65.7 | 65.2 | -0.4 | -0.6% |
| 40.7% | 65.6 | 65.2 | -0.4 | -0.7% |
| 42.0% | 65.5 | 65.0 | -0.4 | -0.6% |
| 43.2% | 65.3 | 65.0 | -0.3 | -0.4% |
| 44.4% | 65.3 | 64.8 | -0.5 | -0.7% |
| 45.7% | 65.1 | 64.6 | -0.4 | -0.7% |
| 46.9% | 64.9 | 64.5 | -0.4 | -0.6% |
| 48.1% | 64.8 | 64.5 | -0.3 | -0.5% |
| 49.4% | 64.4 | 64.4 | 0.0 | 0.1% |
| 50.6% | 64.3 | 64.4 | 0.0 | 0.0% |
| 51.9% | 64.3 | 64.1 | -0.2 | -0.3% |
| 53.1% | 64.2 | 64.0 | -0.2 | -0.3% |
| 54.3% | 64.1 | 64.0 | -0.1 | -0.1% |
| 55.6% | 64.0 | 64.0 | 0.1 | 0.1% |
| 56.8% | 63.9 | 63.9 | 0.0 | 0.0% |
| 58.0% | 63.9 | 63.7 | -0.2 | -0.4% |
| 59.3% | 63.8 | 63.7 | -0.2 | -0.3% |
| 60.5% | 63.8 | 63.7 | -0.1 | -0.2% |
| 61.7% | 63.6 | 63.3 | -0.3 | -0.5% |
| 63.0% | 63.4 | 63.2 | -0.2 | -0.2% |
| 64.2% | 63.1 | 63.1 | 0.0 | 0.0% |
| 65.4% | 62.8 | 63.1 | 0.3 | 0.6% |
| 66.7% | 62.6 | 63.1 | 0.5 | 0.8% |
| 67.9% | 62.5 | 62.2 | -0.3 | -0.5% |
| 69.1% | 62.2 | 62.0 | -0.2 | -0.3% |
| 70.4% | 61.9 | 61.8 | -0.1 | -0.2% |
| 71.6% | 61.8 | 61.7 | -0.1 | -0.2% |
| 72.8% | 61.7 | 61.7 | 0.0 | 0.0% |
| 74.1% | 61.7 | 61.5 | -0.2 | -0.3% |
| 75.3% | 61.5 | 61.4 | 0.0 | 0.0% |
| 76.5% | 61.4 | 61.4 | 0.0 | 0.0% |
| 77.8% | 61.2 | 61.0 | -0.2 | -0.3% |
| 79.0% | 61.2 | 61.0 | -0.2 | -0.2% |
| 80.2% | 61.0 | 60.9 | 0.0 | -0.1% |
| 81.5% | 60.9 | 60.9 | 0.0 | 0.0% |
| 82.7% | 60.9 | 60.8 | 0.0 | 0.0% |
| 84.0% | 60.8 | 60.6 | -0.1 | -0.2% |
| 85.2% | 60.6 | 60.4 | -0.2 | -0.3% |
| 86.4% | 60.2 | 60.2 | 0.0 | 0.0% |
| 87.7% | 60.2 | 60.0 | -0.2 | -0.3% |
| 88.9% | 60.0 | 60.0 | 0.0 | 0.0% |
| 90.1% | 59.9 | 59.9 | 0.0 | 0.0% |
| 91.4% | 59.9 | 59.9 | 0.0 | 0.0% |
| 92.6% | 59.8 | 59.8 | 0.0 | 0.0% |
| 93.8% | 59.6 | 59.6 | 0.0 | 0.0% |
| 95.1% | 59.4 | 59.4 | 0.0 | 0.0% |
| 96.3% | 59.3 | 59.3 | 0.0 | 0.0% |
| 97.5% | 58.9 | 59.1 | 0.1 | 0.2% |
| 98.8% | 58.7 | 58.7 | 0.0 | 0.0% |
| 100.0% | 58.7 | 58.7 | 0.0 | 0.0% |

### July

| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
|---|---|---|---|---|
| 0.0% | 71.7 | 72.1 | 0.3 | 0.4% |
| 1.2% | 70.8 | 69.6 | -1.2 | -1.7% |
| 2.5% | 70.7 | 69.3 | -1.4 | -2.0% |
| 3.7% | 70.0 | 69.2 | -0.8 | -1.1% |
| 4.9% | 69.5 | 68.7 | -0.9 | -1.2% |
| 6.2% | 69.5 | 68.5 | -1.1 | -1.5% |
| 7.4% | 69.2 | 68.3 | -0.9 | -1.3% |
| 8.6% | 69.2 | 68.2 | -0.9 | -1.4% |
| 9.9% | 69.1 | 68.2 | -0.9 | -1.3% |
| 11.1% | 68.9 | 67.9 | -1.0 | -1.5% |
| 12.3% | 68.7 | 67.7 | -1.0 | -1.4% |
| 13.6% | 68.6 | 67.7 | -0.9 | -1.3% |
| 14.8% | 68.6 | 67.7 | -0.9 | -1.3% |
| 16.0% | 68.6 | 67.7 | -0.9 | -1.3% |
| 17.3% | 68.4 | 67.7 | -0.7 | -1.1% |
| 18.5% | 68.3 | 67.5 | -0.9 | -1.2% |
| 19.8% | 67.9 | 67.4 | -0.5 | -0.7% |
| 21.0% | 67.8 | 67.4 | -0.4 | -0.6% |
| 22.2% | 67.7 | 66.7 | -1.0 | -1.4% |
| 23.5% | 67.4 | 66.4 | -1.0 | -1.5% |
| 24.7% | 67.4 | 66.3 | -1.0 | -1.5% |
| 25.9% | 67.3 | 66.3 | -1.0 | -1.5% |
| 27.2% | 67.1 | 66.2 | -0.9 | -1.4% |
| 28.4% | 67.1 | 66.1 | -1.0 | -1.5% |
| 29.6% | 67.0 | 66.0 | -1.0 | -1.5% |
| 30.9% | 67.0 | 66.0 | -0.9 | -1.4% |
| 32.1% | 66.9 | 66.0 | -0.9 | -1.4% |
| 33.3% | 66.9 | 66.0 | -1.0 | -1.5% |
| 34.6% | 66.9 | 65.9 | -1.0 | -1.5% |
| 35.8% | 66.8 | 65.8 | -1.0 | -1.5% |
| 37.0% | 66.8 | 65.7 | -1.1 | -1.6% |
| 38.3% | 66.8 | 65.4 | -1.4 | -2.1% |
| 39.5% | 66.7 | 65.3 | -1.4 | -2.1% |
| 40.7% | 66.4 | 65.3 | -1.1 | -1.6% |
| 42.0% | 66.3 | 65.1 | -1.1 | -1.7% |
| 43.2% | 66.2 | 65.1 | -1.1 | -1.6% |
| 44.4% | 66.1 | 65.1 | -1.1 | -1.6% |
| 45.7% | 66.1 | 65.1 | -1.1 | -1.6% |
| 46.9% | 66.1 | 65.1 | -1.0 | -1.6% |
| 48.1% | 66.0 | 65.0 | -0.9 | -1.4% |
| 49.4% | 66.0 | 65.0 | -0.9 | -1.4% |
| 50.6% | 65.9 | 64.9 | -1.0 | -1.6% |
| 51.9% | 65.8 | 64.9 | -0.9 | -1.4% |
| 53.1% | 65.7 | 64.9 | -0.9 | -1.3% |
| 54.3% | 65.7 | 64.8 | -0.9 | -1.3% |
| 55.6% | 65.7 | 64.7 | -1.0 | -1.5% |
| 56.8% | 65.7 | 64.7 | -1.0 | -1.5% |
| 58.0% | 65.6 | 64.7 | -0.9 | -1.4% |
| 59.3% | 65.5 | 64.7 | -0.9 | -1.3% |
| 60.5% | 65.5 | 64.6 | -0.9 | -1.4% |
| 61.7% | 65.5 | 64.6 | -0.9 | -1.4% |
| 63.0% | 65.5 | 64.5 | -0.9 | -1.4% |
| 64.2% | 65.3 | 64.5 | -0.8 | -1.2% |
| 65.4% | 65.3 | 64.5 | -0.8 | -1.2% |
| 66.7% | 65.3 | 64.5 | -0.8 | -1.2% |
| 67.9% | 65.3 | 64.4 | -0.9 | -1.3% |
| 69.1% | 65.2 | 64.3 | -0.8 | -1.3% |
| 70.4% | 65.2 | 64.3 | -0.8 | -1.3% |
| 71.6% | 65.1 | 64.3 | -0.8 | -1.3% |
| 72.8% | 65.1 | 64.3 | -0.8 | -1.3% |
| 74.1% | 65.1 | 64.3 | -0.9 | -1.3% |
| 75.3% | 65.1 | 64.3 | -0.8 | -1.3% |
| 76.5% | 65.0 | 64.2 | -0.8 | -1.3% |
| 77.8% | 65.0 | 64.0 | -1.0 | -1.5% |
| 79.0% | 64.9 | 64.0 | -0.9 | -1.4% |
| 80.2% | 64.9 | 63.9 | -1.0 | -1.5% |
| 81.5% | 64.8 | 63.9 | -0.9 | -1.3% |
| 82.7% | 64.7 | 63.9 | -0.8 | -1.3% |
| 84.0% | 64.7 | 63.8 | -0.9 | -1.4% |
| 85.2% | 64.7 | 63.7 | -1.0 | -1.5% |
| 86.4% | 64.7 | 63.5 | -1.1 | -1.8% |
| 87.7% | 64.6 | 63.4 | -1.2 | -1.9% |
| 88.9% | 64.6 | 63.3 | -1.2 | -1.9% |
| 90.1% | 64.4 | 63.0 | -1.4 | -2.2% |
| 91.4% | 64.2 | 63.0 | -1.2 | -1.9% |
| 92.6% | 64.1 | 62.9 | -1.2 | -1.8% |
| 93.8% | 63.9 | 62.9 | -1.1 | -1.7% |
| 95.1% | 63.9 | 62.7 | -1.2 | -1.9% |
| 96.3% | 63.8 | 62.6 | -1.2 | -1.9% |
| 97.5% | 63.8 | 62.5 | -1.2 | -1.9% |
| 98.8% | 63.7 | 62.3 | -1.4 | -2.2% |
| 100.0% | 63.7 | 62.3 | -1.4 | -2.2% |

### August

| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
|---|---|---|---|---|
| 0.0% | 70.5 | 70.1 | -0.4 | -0.5% |
| 1.2% | 69.0 | 69.1 | 0.1 | 0.2% |
| 2.5% | 68.5 | 68.1 | -0.4 | -0.6% |
| 3.7% | 68.5 | 68.0 | -0.5 | -0.7% |
| 4.9% | 68.4 | 67.9 | -0.5 | -0.8% |
| 6.2% | 67.9 | 67.9 | 0.0 | 0.0% |
| 7.4% | 67.9 | 67.7 | -0.2 | -0.2% |
| 8.6% | 67.8 | 67.6 | -0.2 | -0.3% |
| 9.9% | 67.8 | 67.6 | -0.2 | -0.3% |
| 11.1% | 67.8 | 67.6 | -0.2 | -0.3% |
| 12.3% | 67.8 | 67.5 | -0.3 | -0.4% |
| 13.6% | 67.8 | 67.5 | -0.3 | -0.4% |
| 14.8% | 67.8 | 67.5 | -0.3 | -0.4% |
| 16.0% | 67.7 | 67.3 | -0.4 | -0.6% |
| 17.3% | 67.7 | 67.3 | -0.4 | -0.6% |
| 18.5% | 67.4 | 67.2 | -0.2 | -0.3% |
| 19.8% | 67.4 | 67.2 | -0.2 | -0.3% |
| 21.0% | 67.4 | 67.1 | -0.2 | -0.3% |
| 22.2% | 67.4 | 67.1 | -0.3 | -0.4% |
| 23.5% | 67.4 | 67.0 | -0.3 | -0.5% |
| 24.7% | 67.3 | 67.0 | -0.3 | -0.5% |
| 25.9% | 67.3 | 67.0 | -0.3 | -0.4% |
| 27.2% | 67.3 | 66.9 | -0.3 | -0.5% |
| 28.4% | 67.3 | 66.9 | -0.4 | -0.6% |
| 29.6% | 67.3 | 66.9 | -0.4 | -0.6% |
| 30.9% | 67.2 | 66.8 | -0.4 | -0.6% |
| 32.1% | 67.2 | 66.8 | -0.4 | -0.6% |
| 33.3% | 67.1 | 66.8 | -0.3 | -0.5% |
| 34.6% | 67.1 | 66.8 | -0.3 | -0.5% |
| 35.8% | 67.0 | 66.7 | -0.3 | -0.5% |
| 37.0% | 67.0 | 66.6 | -0.4 | -0.6% |
| 38.3% | 67.0 | 66.6 | -0.4 | -0.6% |
| 39.5% | 67.0 | 66.5 | -0.5 | -0.7% |
| 40.7% | 67.0 | 66.5 | -0.5 | -0.7% |
| 42.0% | 67.0 | 66.5 | -0.5 | -0.7% |
| 43.2% | 67.0 | 66.5 | -0.5 | -0.7% |
| 44.4% | 66.9 | 66.4 | -0.5 | -0.7% |
| 45.7% | 66.8 | 66.3 | -0.5 | -0.8% |
| 46.9% | 66.8 | 66.3 | -0.5 | -0.8% |
| 48.1% | 66.7 | 66.2 | -0.5 | -0.8% |
| 49.4% | 66.7 | 66.2 | -0.5 | -0.8% |
| 50.6% | 66.7 | 66.0 | -0.7 | -1.0% |
| 51.9% | 66.7 | 66.0 | -0.6 | -0.9% |
| 53.1% | 66.6 | 66.0 | -0.6 | -0.9% |
| 54.3% | 66.6 | 65.9 | -0.7 | -1.1% |
| 55.6% | 66.6 | 65.9 | -0.7 | -1.0% |
| 56.8% | 66.5 | 65.9 | -0.7 | -1.0% |
| 58.0% | 66.4 | 65.9 | -0.6 | -0.9% |
| 59.3% | 66.4 | 65.7 | -0.7 | -1.1% |
| 60.5% | 66.4 | 65.5 | -0.9 | -1.4% |
| 61.7% | 66.4 | 65.4 | -1.0 | -1.4% |
| 63.0% | 66.3 | 65.3 | -0.9 | -1.4% |
| 64.2% | 66.3 | 65.3 | -0.9 | -1.4% |
| 65.4% | 66.3 | 65.2 | -1.1 | -1.6% |
| 66.7% | 66.3 | 65.2 | -1.0 | -1.6% |
| 67.9% | 66.2 | 65.1 | -1.1 | -1.6% |
| 69.1% | 66.2 | 65.1 | -1.1 | -1.6% |
| 70.4% | 66.2 | 65.1 | -1.1 | -1.7% |
| 71.6% | 66.2 | 65.1 | -1.1 | -1.6% |
| 72.8% | 66.1 | 65.1 | -1.1 | -1.6% |
| 74.1% | 66.1 | 65.1 | -1.1 | -1.6% |
| 75.3% | 66.1 | 65.0 | -1.1 | -1.7% |
| 76.5% | 66.0 | 64.8 | -1.1 | -1.7% |
| 77.8% | 66.0 | 64.8 | -1.2 | -1.7% |
| 79.0% | 66.0 | 64.6 | -1.3 | -2.0% |
| 80.2% | 65.9 | 64.4 | -1.4 | -2.2% |
| 81.5% | 65.8 | 64.4 | -1.4 | -2.2% |
| 82.7% | 65.7 | 64.4 | -1.4 | -2.1% |
| 84.0% | 65.7 | 64.3 | -1.4 | -2.1% |
| 85.2% | 65.4 | 64.3 | -1.1 | -1.7% |
| 86.4% | 65.2 | 64.2 | -1.0 | -1.5% |
| 87.7% | 65.2 | 64.1 | -1.1 | -1.7% |
| 88.9% | 65.1 | 64.0 | -1.2 | -1.8% |
| 90.1% | 65.1 | 63.9 | -1.1 | -1.7% |
| 91.4% | 65.0 | 63.9 | -1.2 | -1.8% |
| 92.6% | 65.0 | 63.8 | -1.2 | -1.9% |
| 93.8% | 65.0 | 63.8 | -1.2 | -1.8% |
| 95.1% | 64.5 | 63.8 | -0.8 | -1.2% |
| 96.3% | 64.2 | 63.6 | -0.7 | -1.1% |
| 97.5% | 64.0 | 63.5 | -0.5 | -0.7% |
| 98.8% | 63.5 | 63.5 | 0.0 | 0.0% |
| 100.0% | 63.5 | 63.5 | 0.0 | 0.0% |

### September

| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
|---|---|---|---|---|
| 0.0% | 70.7 | 70.8 | 0.1 | 0.1% |
| 1.2% | 70.1 | 69.7 | -0.4 | -0.5% |
| 2.5% | 69.7 | 69.6 | 0.0 | -0.1% |
| 3.7% | 69.6 | 69.5 | -0.1 | -0.2% |
| 4.9% | 69.5 | 69.4 | -0.1 | -0.2% |
| 6.2% | 69.5 | 69.4 | -0.1 | -0.2% |
| 7.4% | 69.5 | 69.3 | -0.2 | -0.3% |
| 8.6% | 69.5 | 69.3 | -0.2 | -0.3% |
| 9.9% | 69.4 | 69.2 | -0.2 | -0.3% |
| 11.1% | 69.4 | 69.2 | -0.2 | -0.3% |
| 12.3% | 69.4 | 69.2 | -0.2 | -0.3% |
| 13.6% | 69.4 | 69.2 | -0.2 | -0.3% |
| 14.8% | 69.3 | 68.9 | -0.4 | -0.6% |
| 16.0% | 69.3 | 68.9 | -0.3 | -0.5% |
| 17.3% | 69.2 | 68.9 | -0.4 | -0.5% |
| 18.5% | 69.2 | 68.8 | -0.4 | -0.6% |
| 19.8% | 69.1 | 68.7 | -0.4 | -0.6% |
| 21.0% | 69.1 | 68.5 | -0.6 | -0.8% |
| 22.2% | 69.1 | 68.5 | -0.6 | -0.9% |
| 23.5% | 69.1 | 68.3 | -0.8 | -1.1% |
| 24.7% | 69.0 | 68.2 | -0.8 | -1.2% |
| 25.9% | 69.0 | 68.2 | -0.8 | -1.2% |
| 27.2% | 69.0 | 68.1 | -0.8 | -1.2% |
| 28.4% | 68.9 | 68.1 | -0.9 | -1.3% |
| 29.6% | 68.9 | 68.0 | -0.9 | -1.3% |
| 30.9% | 68.9 | 68.0 | -0.9 | -1.3% |
| 32.1% | 68.9 | 68.0 | -0.9 | -1.3% |
| 33.3% | 68.8 | 67.9 | -0.8 | -1.2% |
| 34.6% | 68.7 | 67.9 | -0.8 | -1.2% |
| 35.8% | 68.7 | 67.9 | -0.8 | -1.2% |
| 37.0% | 68.7 | 67.9 | -0.8 | -1.1% |
| 38.3% | 68.6 | 67.9 | -0.8 | -1.1% |
| 39.5% | 68.6 | 67.8 | -0.8 | -1.2% |
| 40.7% | 68.6 | 67.8 | -0.8 | -1.2% |
| 42.0% | 68.6 | 67.8 | -0.8 | -1.2% |
| 43.2% | 68.5 | 67.7 | -0.8 | -1.1% |
| 44.4% | 68.5 | 67.7 | -0.8 | -1.2% |
| 45.7% | 68.5 | 67.7 | -0.8 | -1.1% |
| 46.9% | 68.4 | 67.7 | -0.8 | -1.1% |
| 48.1% | 68.4 | 67.7 | -0.7 | -1.1% |
| 49.4% | 68.4 | 67.6 | -0.7 | -1.1% |
| 50.6% | 68.4 | 67.5 | -0.8 | -1.2% |
| 51.9% | 68.3 | 67.5 | -0.8 | -1.2% |
| 53.1% | 68.3 | 67.5 | -0.8 | -1.2% |
| 54.3% | 68.3 | 67.5 | -0.8 | -1.2% |
| 55.6% | 68.2 | 67.4 | -0.8 | -1.2% |
| 56.8% | 68.2 | 67.3 | -0.9 | -1.3% |
| 58.0% | 68.2 | 67.3 | -0.9 | -1.3% |
| 59.3% | 68.2 | 67.2 | -0.9 | -1.3% |
| 60.5% | 68.1 | 67.2 | -0.8 | -1.2% |
| 61.7% | 68.1 | 67.2 | -0.8 | -1.2% |
| 63.0% | 68.0 | 67.2 | -0.9 | -1.3% |
| 64.2% | 68.0 | 67.1 | -1.0 | -1.4% |
| 65.4% | 68.0 | 67.0 | -1.0 | -1.5% |
| 66.7% | 68.0 | 66.9 | -1.1 | -1.6% |
| 67.9% | 67.9 | 66.9 | -1.0 | -1.5% |
| 69.1% | 67.9 | 66.9 | -1.1 | -1.6% |
| 70.4% | 67.9 | 66.8 | -1.1 | -1.6% |
| 71.6% | 67.9 | 66.7 | -1.2 | -1.7% |
| 72.8% | 67.9 | 66.7 | -1.2 | -1.7% |
| 74.1% | 67.5 | 66.7 | -0.8 | -1.2% |
| 75.3% | 67.4 | 66.6 | -0.7 | -1.1% |
| 76.5% | 67.4 | 66.5 | -0.9 | -1.3% |
| 77.8% | 67.3 | 66.4 | -0.9 | -1.3% |
| 79.0% | 67.2 | 66.4 | -0.7 | -1.1% |
| 80.2% | 67.1 | 66.2 | -0.8 | -1.3% |
| 81.5% | 67.0 | 66.2 | -0.8 | -1.2% |
| 82.7% | 67.0 | 66.2 | -0.8 | -1.2% |
| 84.0% | 66.9 | 66.1 | -0.9 | -1.3% |
| 85.2% | 66.9 | 66.0 | -0.9 | -1.3% |
| 86.4% | 66.8 | 66.0 | -0.9 | -1.3% |
| 87.7% | 66.8 | 65.8 | -0.9 | -1.4% |
| 88.9% | 66.6 | 65.8 | -0.7 | -1.1% |
| 90.1% | 66.5 | 65.5 | -1.0 | -1.5% |
| 91.4% | 66.4 | 65.5 | -0.9 | -1.3% |
| 92.6% | 66.0 | 65.4 | -0.6 | -0.9% |
| 93.8% | 66.0 | 65.4 | -0.6 | -0.9% |
| 95.1% | 65.9 | 65.3 | -0.6 | -0.9% |
| 96.3% | 65.9 | 65.2 | -0.7 | -1.0% |
| 97.5% | 65.7 | 65.2 | -0.5 | -0.7% |
| 98.8% | 65.4 | 65.1 | -0.3 | -0.5% |
| 100.0% | 65.4 | 65.1 | -0.3 | -0.5% |

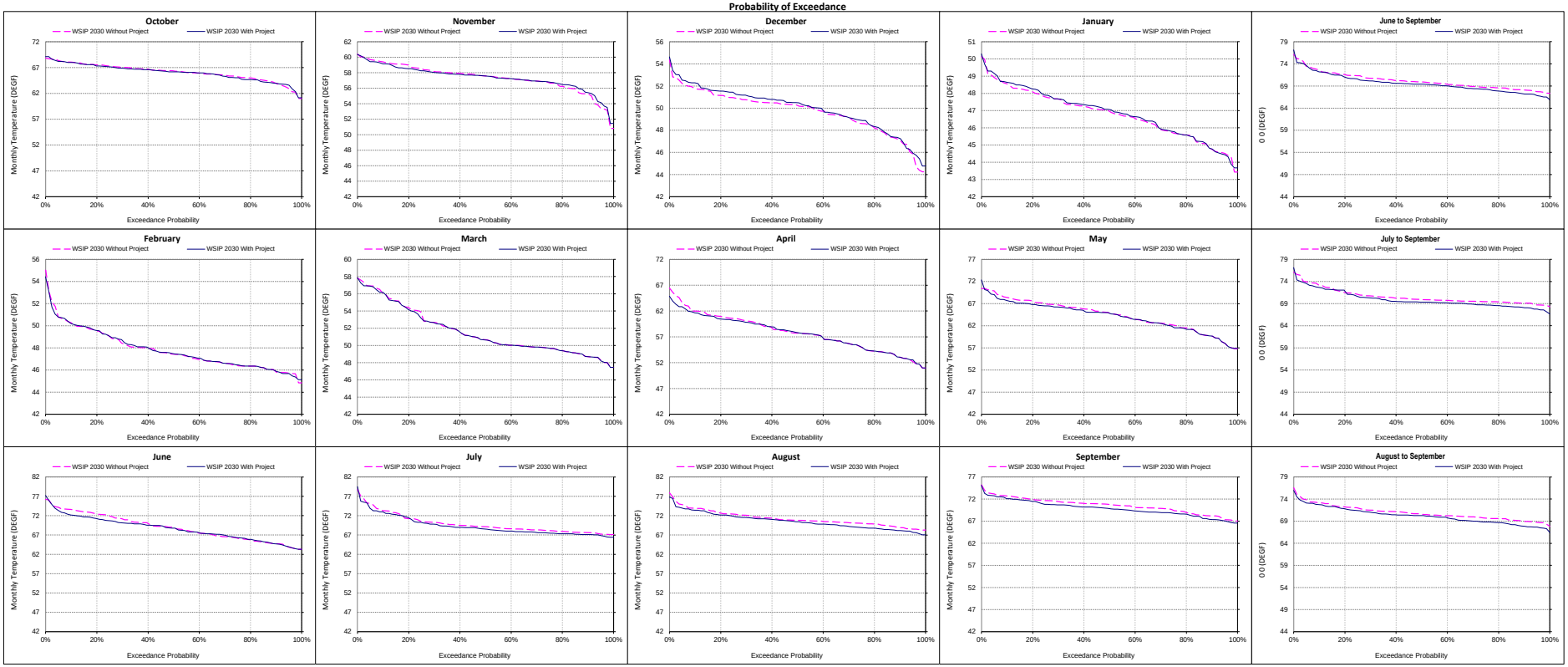
# Table SQ9-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

| June to September | | | | | July to September | | | | | August to September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 69.5 | 70.6 | 1.1 | 1.6% | 0.0% | 70.3 | 71.0 | 0.7 | 1.1% | 0.0% | 70.6 | 70.5 | -0.1 | -0.2% |
| 1.2% | 69.4 | 68.8 | -0.6 | -0.9% | 1.2% | 69.9 | 69.0 | -0.9 | -1.3% | 1.2% | 69.2 | 68.9 | -0.4 | -0.5% |
| 2.5% | 69.0 | 68.8 | -0.2 | -0.3% | 2.5% | 69.7 | 68.8 | -0.9 | -1.3% | 2.5% | 69.0 | 68.8 | -0.2 | -0.3% |
| 3.7% | 68.8 | 68.8 | 0.0 | 0.0% | 3.7% | 69.1 | 68.6 | -0.5 | -0.7% | 3.7% | 68.9 | 68.6 | -0.3 | -0.4% |
| 4.9% | 68.7 | 68.7 | 0.0 | -0.1% | 4.9% | 69.0 | 68.5 | -0.5 | -0.7% | 4.9% | 68.7 | 68.5 | -0.2 | -0.3% |
| 6.2% | 68.7 | 68.4 | -0.3 | -0.4% | 6.2% | 69.0 | 68.5 | -0.5 | -0.7% | 6.2% | 68.7 | 68.5 | -0.2 | -0.3% |
| 7.4% | 68.3 | 68.1 | -0.2 | -0.3% | 7.4% | 68.9 | 68.4 | -0.5 | -0.7% | 7.4% | 68.6 | 68.4 | -0.2 | -0.3% |
| 8.6% | 68.2 | 68.0 | -0.2 | -0.3% | 8.6% | 68.7 | 68.2 | -0.4 | -0.6% | 8.6% | 68.6 | 68.4 | -0.2 | -0.3% |
| 9.9% | 68.1 | 67.9 | -0.2 | -0.4% | 9.9% | 68.6 | 68.2 | -0.4 | -0.5% | 9.9% | 68.5 | 68.3 | -0.1 | -0.2% |
| 11.1% | 67.7 | 67.7 | 0.0 | 0.0% | 11.1% | 68.5 | 68.2 | -0.3 | -0.5% | 11.1% | 68.4 | 68.3 | -0.1 | -0.2% |
| 12.3% | 67.7 | 67.6 | -0.1 | -0.1% | 12.3% | 68.5 | 68.1 | -0.4 | -0.5% | 12.3% | 68.4 | 68.2 | -0.2 | -0.3% |
| 13.6% | 67.7 | 67.4 | -0.3 | -0.4% | 13.6% | 68.3 | 68.1 | -0.3 | -0.4% | 13.6% | 68.4 | 68.2 | -0.2 | -0.2% |
| 14.8% | 67.6 | 67.2 | -0.5 | -0.7% | 14.8% | 68.3 | 68.0 | -0.3 | -0.4% | 14.8% | 68.3 | 68.2 | -0.1 | -0.1% |
| 16.0% | 67.5 | 67.0 | -0.6 | -0.8% | 16.0% | 68.1 | 68.0 | -0.1 | -0.1% | 16.0% | 68.2 | 68.2 | 0.0 | 0.0% |
| 17.3% | 67.5 | 67.0 | -0.6 | -0.9% | 17.3% | 68.0 | 67.9 | -0.1 | -0.2% | 17.3% | 68.2 | 68.1 | 0.0 | -0.1% |
| 18.5% | 67.5 | 66.8 | -0.7 | -1.1% | 18.5% | 67.9 | 67.9 | 0.0 | 0.0% | 18.5% | 68.1 | 67.9 | -0.3 | -0.4% |
| 19.8% | 67.4 | 66.8 | -0.6 | -0.9% | 19.8% | 67.6 | 67.8 | 0.2 | 0.3% | 19.8% | 68.1 | 67.9 | -0.2 | -0.3% |
| 21.0% | 67.3 | 66.7 | -0.6 | -1.0% | 21.0% | 67.6 | 67.4 | -0.2 | -0.2% | 21.0% | 68.1 | 67.8 | -0.3 | -0.4% |
| 22.2% | 67.1 | 66.6 | -0.4 | -0.7% | 22.2% | 67.6 | 67.3 | -0.3 | -0.5% | 22.2% | 68.0 | 67.7 | -0.3 | -0.4% |
| 23.5% | 67.1 | 66.4 | -0.6 | -0.9% | 23.5% | 67.6 | 67.2 | -0.3 | -0.5% | 23.5% | 68.0 | 67.7 | -0.3 | -0.4% |
| 24.7% | 67.1 | 66.4 | -0.6 | -0.9% | 24.7% | 67.5 | 67.2 | -0.3 | -0.5% | 24.7% | 67.9 | 67.6 | -0.3 | -0.5% |
| 25.9% | 67.0 | 66.4 | -0.6 | -0.9% | 25.9% | 67.5 | 67.1 | -0.3 | -0.5% | 25.9% | 67.9 | 67.6 | -0.3 | -0.5% |
| 27.2% | 67.0 | 66.4 | -0.7 | -1.0% | 27.2% | 67.4 | 67.0 | -0.5 | -0.7% | 27.2% | 67.9 | 67.6 | -0.3 | -0.4% |
| 28.4% | 67.0 | 66.4 | -0.6 | -0.9% | 28.4% | 67.2 | 66.7 | -0.6 | -0.9% | 28.4% | 67.8 | 67.5 | -0.3 | -0.5% |
| 29.6% | 67.0 | 66.3 | -0.7 | -1.1% | 29.6% | 67.2 | 66.6 | -0.6 | -1.0% | 29.6% | 67.8 | 67.4 | -0.4 | -0.6% |
| 30.9% | 66.9 | 66.2 | -0.7 | -1.1% | 30.9% | 67.2 | 66.6 | -0.6 | -0.9% | 30.9% | 67.8 | 67.3 | -0.5 | -0.7% |
| 32.1% | 66.9 | 66.2 | -0.7 | -1.0% | 32.1% | 67.2 | 66.5 | -0.6 | -1.0% | 32.1% | 67.8 | 67.3 | -0.5 | -0.7% |
| 33.3% | 66.8 | 66.2 | -0.7 | -1.0% | 33.3% | 67.2 | 66.4 | -0.8 | -1.1% | 33.3% | 67.7 | 67.3 | -0.4 | -0.6% |
| 34.6% | 66.8 | 66.2 | -0.7 | -1.0% | 34.6% | 67.1 | 66.2 | -0.9 | -1.4% | 34.6% | 67.7 | 67.2 | -0.5 | -0.7% |
| 35.8% | 66.8 | 66.1 | -0.6 | -1.0% | 35.8% | 67.1 | 66.2 | -0.9 | -1.4% | 35.8% | 67.7 | 67.2 | -0.5 | -0.7% |
| 37.0% | 66.8 | 66.1 | -0.7 | -1.0% | 37.0% | 67.0 | 66.1 | -0.9 | -1.4% | 37.0% | 67.6 | 67.2 | -0.4 | -0.6% |
| 38.3% | 66.8 | 66.1 | -0.7 | -1.0% | 38.3% | 66.9 | 66.1 | -0.8 | -1.2% | 38.3% | 67.5 | 67.1 | -0.4 | -0.6% |
| 39.5% | 66.7 | 66.1 | -0.6 | -0.9% | 39.5% | 66.8 | 66.1 | -0.8 | -1.2% | 39.5% | 67.5 | 67.1 | -0.4 | -0.6% |
| 40.7% | 66.7 | 66.0 | -0.7 | -1.0% | 40.7% | 66.8 | 66.1 | -0.8 | -1.1% | 40.7% | 67.5 | 67.1 | -0.4 | -0.6% |
| 42.0% | 66.7 | 66.0 | -0.7 | -1.0% | 42.0% | 66.8 | 66.0 | -0.8 | -1.1% | 42.0% | 67.5 | 67.1 | -0.4 | -0.7% |
| 43.2% | 66.7 | 66.0 | -0.7 | -1.0% | 43.2% | 66.8 | 66.0 | -0.8 | -1.1% | 43.2% | 67.5 | 67.0 | -0.4 | -0.7% |
| 44.4% | 66.7 | 66.0 | -0.7 | -1.0% | 44.4% | 66.8 | 66.0 | -0.8 | -1.1% | 44.4% | 67.5 | 67.0 | -0.4 | -0.7% |
| 45.7% | 66.6 | 65.9 | -0.7 | -1.0% | 45.7% | 66.8 | 66.0 | -0.8 | -1.1% | 45.7% | 67.5 | 67.0 | -0.5 | -0.7% |
| 46.9% | 66.6 | 65.9 | -0.7 | -1.0% | 46.9% | 66.8 | 66.0 | -0.8 | -1.1% | 46.9% | 67.5 | 67.0 | -0.5 | -0.7% |
| 48.1% | 66.6 | 65.9 | -0.7 | -1.0% | 48.1% | 66.8 | 66.0 | -0.8 | -1.2% | 48.1% | 67.4 | 67.0 | -0.5 | -0.7% |
| 49.4% | 66.5 | 65.8 | -0.7 | -1.0% | 49.4% | 66.7 | 66.0 | -0.8 | -1.1% | 49.4% | 67.4 | 67.0 | -0.5 | -0.7% |
| 50.6% | 66.5 | 65.8 | -0.7 | -1.1% | 50.6% | 66.7 | 66.0 | -0.7 | -1.1% | 50.6% | 67.4 | 66.9 | -0.5 | -0.7% |
| 51.9% | 66.5 | 65.8 | -0.7 | -1.0% | 51.9% | 66.7 | 66.0 | -0.7 | -1.1% | 51.9% | 67.4 | 66.9 | -0.5 | -0.7% |
| 53.1% | 66.4 | 65.8 | -0.7 | -1.0% | 53.1% | 66.7 | 65.9 | -0.8 | -1.2% | 53.1% | 67.3 | 66.9 | -0.5 | -0.7% |
| 54.3% | 66.4 | 65.7 | -0.7 | -1.1% | 54.3% | 66.7 | 65.9 | -0.8 | -1.2% | 54.3% | 67.3 | 66.8 | -0.5 | -0.8% |
| 55.6% | 66.3 | 65.6 | -0.7 | -1.0% | 55.6% | 66.7 | 65.8 | -0.8 | -1.3% | 55.6% | 67.3 | 66.7 | -0.5 | -0.8% |
| 56.8% | 66.3 | 65.5 | -0.8 | -1.2% | 56.8% | 66.7 | 65.8 | -0.8 | -1.3% | 56.8% | 67.3 | 66.7 | -0.6 | -0.8% |
| 58.0% | 66.0 | 65.5 | -0.5 | -0.8% | 58.0% | 66.7 | 65.8 | -0.9 | -1.4% | 58.0% | 67.3 | 66.7 | -0.6 | -0.9% |
| 59.3% | 65.9 | 65.5 | -0.4 | -0.6% | 59.3% | 66.6 | 65.7 | -0.9 | -1.4% | 59.3% | 67.3 | 66.6 | -0.7 | -1.0% |
| 60.5% | 65.9 | 65.5 | -0.4 | -0.6% | 60.5% | 66.6 | 65.6 | -0.9 | -1.4% | 60.5% | 67.3 | 66.5 | -0.7 | -1.1% |
| 61.7% | 65.9 | 65.4 | -0.5 | -0.7% | 61.7% | 66.6 | 65.6 | -0.9 | -1.4% | 61.7% | 67.3 | 66.1 | -1.1 | -1.7% |
| 63.0% | 65.9 | 65.3 | -0.5 | -0.8% | 63.0% | 66.6 | 65.6 | -1.0 | -1.4% | 63.0% | 67.2 | 66.0 | -1.2 | -1.8% |
| 64.2% | 65.8 | 65.3 | -0.6 | -0.8% | 64.2% | 66.6 | 65.6 | -1.0 | -1.4% | 64.2% | 67.2 | 66.0 | -1.2 | -1.8% |
| 65.4% | 65.8 | 65.1 | -0.7 | -1.1% | 65.4% | 66.6 | 65.6 | -1.0 | -1.5% | 65.4% | 67.2 | 65.9 | -1.2 | -1.8% |
| 66.7% | 65.8 | 65.1 | -0.7 | -1.1% | 66.7% | 66.5 | 65.5 | -1.0 | -1.6% | 66.7% | 67.1 | 65.9 | -1.1 | -1.7% |
| 67.9% | 65.7 | 65.0 | -0.8 | -1.2% | 67.9% | 66.5 | 65.5 | -1.0 | -1.5% | 67.9% | 67.1 | 65.9 | -1.1 | -1.7% |
| 69.1% | 65.7 | 64.9 | -0.8 | -1.2% | 69.1% | 66.5 | 65.5 | -1.0 | -1.5% | 69.1% | 67.1 | 65.9 | -1.2 | -1.7% |
| 70.4% | 65.6 | 64.9 | -0.7 | -1.1% | 70.4% | 66.5 | 65.5 | -1.0 | -1.5% | 70.4% | 67.0 | 65.8 | -1.2 | -1.8% |
| 71.6% | 65.6 | 64.7 | -0.8 | -1.3% | 71.6% | 66.4 | 65.5 | -1.0 | -1.5% | 71.6% | 67.0 | 65.8 | -1.2 | -1.7% |
| 72.8% | 65.5 | 64.7 | -0.8 | -1.3% | 72.8% | 66.4 | 65.5 | -1.0 | -1.5% | 72.8% | 66.9 | 65.8 | -1.2 | -1.7% |
| 74.1% | 65.5 | 64.6 | -0.9 | -1.3% | 74.1% | 66.4 | 65.5 | -1.0 | -1.4% | 74.1% | 66.9 | 65.8 | -1.1 | -1.7% |
| 75.3% | 65.4 | 64.6 | -0.8 | -1.2% | 75.3% | 66.4 | 65.4 | -1.0 | -1.4% | 75.3% | 66.9 | 65.6 | -1.3 | -1.9% |
| 76.5% | 65.3 | 64.6 | -0.7 | -1.1% | 76.5% | 66.4 | 65.4 | -1.0 | -1.5% | 76.5% | 66.8 | 65.6 | -1.2 | -1.8% |
| 77.8% | 65.2 | 64.4 | -0.8 | -1.2% | 77.8% | 66.4 | 65.4 | -1.0 | -1.5% | 77.8% | 66.8 | 65.6 | -1.2 | -1.8% |
| 79.0% | 65.1 | 64.3 | -0.8 | -1.2% | 79.0% | 66.4 | 65.4 | -1.0 | -1.5% | 79.0% | 66.8 | 65.5 | -1.2 | -1.9% |
| 80.2% | 65.1 | 64.3 | -0.8 | -1.2% | 80.2% | 66.3 | 65.4 | -1.0 | -1.4% | 80.2% | 66.7 | 65.5 | -1.2 | -1.9% |
| 81.5% | 65.1 | 64.2 | -0.8 | -1.3% | 81.5% | 66.3 | 65.3 | -1.0 | -1.5% | 81.5% | 66.7 | 65.3 | -1.4 | -2.1% |
| 82.7% | 65.0 | 64.2 | -0.8 | -1.2% | 82.7% | 66.3 | 65.3 | -1.0 | -1.5% | 82.7% | 66.7 | 65.3 | -1.4 | -2.1% |
| 84.0% | 65.0 | 64.1 | -0.8 | -1.3% | 84.0% | 66.3 | 65.2 | -1.0 | -1.6% | 84.0% | 66.7 | 65.3 | -1.4 | -2.1% |
| 85.2% | 65.0 | 64.1 | -0.9 | -1.4% | 85.2% | 66.2 | 65.2 | -1.0 | -1.6% | 85.2% | 66.6 | 65.2 | -1.3 | -2.0% |
| 86.4% | 64.8 | 64.0 | -0.7 | -1.2% | 86.4% | 66.2 | 65.2 | -1.1 | -1.6% | 86.4% | 66.5 | 65.2 | -1.3 | -2.0% |
| 87.7% | 64.7 | 63.9 | -0.8 | -1.2% | 87.7% | 66.2 | 65.1 | -1.1 | -1.6% | 87.7% | 66.4 | 65.2 | -1.2 | -1.9% |
| 88.9% | 64.7 | 63.8 | -0.9 | -1.4% | 88.9% | 66.2 | 65.0 | -1.2 | -1.8% | 88.9% | 66.4 | 65.2 | -1.2 | -1.8% |
| 90.1% | 64.6 | 63.7 | -1.0 | -1.5% | 90.1% | 66.2 | 65.0 | -1.2 | -1.8% | 90.1% | 66.3 | 65.2 | -1.2 | -1.8% |
| 91.4% | 64.6 | 63.6 | -1.0 | -1.5% | 91.4% | 66.1 | 64.9 | -1.1 | -1.7% | 91.4% | 66.2 | 64.9 | -1.3 | -1.9% |
| 92.6% | 64.6 | 63.6 | -1.0 | -1.6% | 92.6% | 66.0 | 64.9 | -1.1 | -1.7% | 92.6% | 66.1 | 64.9 | -1.2 | -1.9% |
| 93.8% | 64.5 | 63.4 | -1.1 | -1.7% | 93.8% | 66.0 | 64.5 | -1.5 | -2.2% | 93.8% | 66.0 | 64.9 | -1.2 | -1.7% |
| 95.1% | 64.4 | 63.4 | -1.0 | -1.6% | 95.1% | 66.0 | 64.5 | -1.5 | -2.3% | 95.1% | 65.9 | 64.7 | -1.2 | -1.8% |
| 96.3% | 64.4 | 63.2 | -1.2 | -1.9% | 96.3% | 65.8 | 64.4 | -1.4 | -2.1% | 96.3% | 65.9 | 64.7 | -1.2 | -1.8% |
| 97.5% | 64.3 | 63.1 | -1.2 | -1.9% | 97.5% | 65.6 | 64.4 | -1.3 | -2.0% | 97.5% | 65.6 | 64.6 | -1.0 | -1.5% |
| 98.8% | 64.0 | 62.9 | -1.0 | -1.6% | 98.8% | 65.5 | 64.3 | -1.2 | -1.8% | 98.8% | 65.0 | 64.5 | -0.5 | -0.7% |
| 100.0% | 63.9 | 62.3 | -1.6 | -2.5% | 100.0% | 65.2 | 63.3 | -1.9 | -2.9% | 100.0% | 64.4 | 63.4 | -1.0 | -1.5% |

**Figure SQ10-1b**
**American River at Watt Avenue, Monthly Temperature**
**Probability of Exceedance**



## Table SQ10-1b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 68.8 | 69.1 | 0.3 | 0.4% | 0.0% | 60.4 | 60.4 | 0.0 | 0.0% | 0.0% | 54.4 | 54.6 | 0.3 | 0.5% | 0.0% | 50.1 | 50.3 | 0.2 | 0.3% |
| 1.2% | 68.7 | 69.1 | 0.4 | 0.6% | 1.2% | 60.1 | 60.2 | 0.1 | 0.2% | 1.2% | 52.8 | 53.4 | 0.6 | 1.2% | 1.2% | 50.0 | 49.7 | -0.3 | -0.5% |
| 2.5% | 68.7 | 68.6 | -0.1 | -0.1% | 2.5% | 60.0 | 60.0 | -0.1 | -0.2% | 2.5% | 52.8 | 53.0 | 0.3 | 0.5% | 2.5% | 49.1 | 49.3 | 0.2 | 0.4% |
| 3.7% | 68.6 | 68.4 | -0.2 | -0.4% | 3.7% | 59.9 | 59.7 | -0.2 | -0.3% | 3.7% | 52.5 | 53.0 | 0.5 | 0.9% | 3.7% | 49.1 | 49.3 | 0.2 | 0.5% |
| 4.9% | 68.4 | 68.2 | -0.2 | -0.3% | 4.9% | 59.7 | 59.4 | -0.3 | -0.4% | 4.9% | 52.2 | 52.5 | 0.3 | 0.6% | 4.9% | 48.9 | 49.2 | 0.2 | 0.5% |
| 6.2% | 68.2 | 68.2 | 0.0 | 0.0% | 6.2% | 59.6 | 59.4 | -0.2 | -0.3% | 6.2% | 52.1 | 52.5 | 0.4 | 0.8% | 6.2% | 48.8 | 49.0 | 0.2 | 0.5% |
| 7.4% | 68.1 | 68.2 | 0.0 | 0.1% | 7.4% | 59.6 | 59.4 | -0.2 | -0.3% | 7.4% | 52.0 | 52.3 | 0.3 | 0.7% | 7.4% | 48.8 | 48.7 | -0.1 | -0.1% |
| 8.6% | 68.1 | 68.0 | -0.1 | -0.1% | 8.6% | 59.5 | 59.3 | -0.2 | -0.3% | 8.6% | 51.9 | 52.3 | 0.4 | 0.7% | 8.6% | 48.6 | 48.7 | 0.1 | 0.2% |
| 9.9% | 68.1 | 68.0 | -0.1 | -0.1% | 9.9% | 59.4 | 59.2 | -0.2 | -0.4% | 9.9% | 51.8 | 52.3 | 0.5 | 1.0% | 9.9% | 48.6 | 48.6 | 0.1 | 0.2% |
| 11.1% | 68.0 | 68.0 | 0.0 | 0.0% | 11.1% | 59.3 | 59.1 | -0.2 | -0.3% | 11.1% | 51.7 | 52.2 | 0.5 | 1.0% | 11.1% | 48.4 | 48.6 | 0.2 | 0.3% |
| 12.3% | 67.9 | 67.9 | 0.0 | -0.1% | 12.3% | 59.2 | 59.1 | -0.1 | -0.2% | 12.3% | 51.7 | 51.8 | 0.1 | 0.3% | 12.3% | 48.3 | 48.6 | 0.3 | 0.6% |
| 13.6% | 67.9 | 67.7 | -0.2 | -0.3% | 13.6% | 59.2 | 58.9 | -0.2 | -0.4% | 13.6% | 51.7 | 51.8 | 0.1 | 0.3% | 13.6% | 48.3 | 48.5 | 0.2 | 0.4% |
| 14.8% | 67.7 | 67.7 | 0.0 | 0.0% | 14.8% | 59.1 | 58.7 | -0.4 | -0.6% | 14.8% | 51.6 | 51.7 | 0.2 | 0.3% | 14.8% | 48.3 | 48.5 | 0.2 | 0.5% |
| 16.0% | 67.7 | 67.6 | -0.1 | -0.1% | 16.0% | 59.1 | 58.6 | -0.5 | -0.8% | 16.0% | 51.5 | 51.6 | 0.1 | 0.2% | 16.0% | 48.2 | 48.5 | 0.2 | 0.4% |
| 17.3% | 67.6 | 67.6 | 0.0 | -0.1% | 17.3% | 59.1 | 58.6 | -0.5 | -0.8% | 17.3% | 51.2 | 51.6 | 0.4 | 0.8% | 17.3% | 48.2 | 48.4 | 0.2 | 0.5% |
| 18.5% | 67.6 | 67.6 | 0.0 | -0.1% | 18.5% | 59.1 | 58.6 | -0.5 | -0.9% | 18.5% | 51.2 | 51.6 | 0.4 | 0.8% | 18.5% | 48.2 | 48.3 | 0.2 | 0.3% |
| 19.8% | 67.5 | 67.3 | -0.2 | -0.3% | 19.8% | 59.0 | 58.5 | -0.5 | -0.8% | 19.8% | 51.2 | 51.6 | 0.4 | 0.8% | 19.8% | 48.1 | 48.3 | 0.1 | 0.3% |
| 21.0% | 67.5 | 67.3 | -0.2 | -0.3% | 21.0% | 58.7 | 58.5 | -0.2 | -0.3% | 21.0% | 51.1 | 51.5 | 0.4 | 0.8% | 21.0% | 48.0 | 48.2 | 0.2 | 0.5% |
| 22.2% | 67.5 | 67.2 | -0.2 | -0.4% | 22.2% | 58.6 | 58.4 | -0.2 | -0.3% | 22.2% | 51.0 | 51.5 | 0.5 | 1.0% | 22.2% | 48.0 | 48.2 | 0.2 | 0.4% |
| 23.5% | 67.4 | 67.2 | -0.2 | -0.3% | 23.5% | 58.6 | 58.3 | -0.2 | -0.4% | 23.5% | 51.0 | 51.4 | 0.5 | 0.9% | 23.5% | 47.9 | 48.0 | 0.1 | 0.2% |
| 24.7% | 67.3 | 67.1 | -0.2 | -0.2% | 24.7% | 58.6 | 58.3 | -0.3 | -0.6% | 24.7% | 51.0 | 51.4 | 0.5 | 0.9% | 24.7% | 47.8 | 47.9 | 0.1 | 0.2% |
| 25.9% | 67.2 | 67.1 | -0.1 | -0.2% | 25.9% | 58.4 | 58.2 | -0.1 | -0.2% | 25.9% | 50.9 | 51.3 | 0.4 | 0.7% | 25.9% | 47.8 | 47.9 | 0.1 | 0.3% |
| 27.2% | 67.1 | 67.0 | -0.1 | -0.2% | 27.2% | 58.4 | 58.2 | -0.2 | -0.3% | 27.2% | 50.9 | 51.2 | 0.3 | 0.6% | 27.2% | 47.7 | 47.8 | 0.1 | 0.2% |
| 28.4% | 67.1 | 66.9 | -0.2 | -0.3% | 28.4% | 58.3 | 58.1 | -0.2 | -0.3% | 28.4% | 50.8 | 51.2 | 0.4 | 0.8% | 28.4% | 47.7 | 47.7 | 0.0 | 0.0% |
| 29.6% | 67.0 | 66.9 | -0.2 | -0.2% | 29.6% | 58.2 | 58.0 | -0.1 | -0.2% | 29.6% | 50.8 | 51.2 | 0.4 | 0.8% | 29.6% | 47.7 | 47.7 | 0.0 | 0.0% |
| 30.9% | 67.0 | 66.9 | -0.2 | -0.2% | 30.9% | 58.1 | 58.0 | -0.1 | -0.2% | 30.9% | 50.7 | 51.1 | 0.3 | 0.7% | 30.9% | 47.6 | 47.7 | 0.0 | 0.0% |
| 32.1% | 67.0 | 66.8 | -0.3 | -0.4% | 32.1% | 58.1 | 58.0 | -0.1 | -0.2% | 32.1% | 50.6 | 51.0 | 0.4 | 0.8% | 32.1% | 47.4 | 47.6 | 0.2 | 0.4% |
| 33.3% | 66.9 | 66.8 | -0.2 | -0.3% | 33.3% | 58.1 | 58.0 | -0.1 | -0.2% | 33.3% | 50.6 | 50.9 | 0.3 | 0.7% | 33.3% | 47.4 | 47.5 | 0.1 | 0.2% |
| 34.6% | 66.8 | 66.7 | -0.1 | -0.2% | 34.6% | 58.0 | 57.9 | -0.1 | -0.2% | 34.6% | 50.5 | 50.9 | 0.4 | 0.7% | 34.6% | 47.4 | 47.4 | 0.1 | 0.2% |
| 35.8% | 66.8 | 66.7 | -0.1 | -0.2% | 35.8% | 58.0 | 57.8 | -0.2 | -0.3% | 35.8% | 50.5 | 50.9 | 0.4 | 0.7% | 35.8% | 47.3 | 47.4 | 0.1 | 0.2% |
| 37.0% | 66.7 | 66.7 | -0.1 | -0.1% | 37.0% | 58.0 | 57.8 | -0.1 | -0.2% | 37.0% | 50.5 | 50.9 | 0.4 | 0.8% | 37.0% | 47.3 | 47.4 | 0.1 | 0.2% |
| 38.3% | 66.7 | 66.6 | -0.1 | -0.2% | 38.3% | 57.9 | 57.8 | -0.1 | -0.3% | 38.3% | 50.5 | 50.8 | 0.3 | 0.6% | 38.3% | 47.3 | 47.4 | 0.1 | 0.2% |
| 39.5% | 66.7 | 66.6 | -0.2 | -0.2% | 39.5% | 57.9 | 57.8 | -0.1 | -0.2% | 39.5% | 50.5 | 50.8 | 0.3 | 0.6% | 39.5% | 47.3 | 47.4 | 0.1 | 0.2% |
| 40.7% | 66.6 | 66.6 | 0.0 | 0.0% | 40.7% | 57.9 | 57.8 | -0.1 | -0.3% | 40.7% | 50.5 | 50.8 | 0.3 | 0.6% | 40.7% | 47.2 | 47.3 | 0.1 | 0.2% |
| 42.0% | 66.5 | 66.5 | 0.0 | -0.1% | 42.0% | 57.9 | 57.7 | -0.2 | -0.3% | 42.0% | 50.5 | 50.7 | 0.3 | 0.5% | 42.0% | 47.2 | 47.3 | 0.1 | 0.3% |
| 43.2% | 66.5 | 66.4 | -0.1 | -0.1% | 43.2% | 57.8 | 57.7 | -0.1 | -0.2% | 43.2% | 50.4 | 50.7 | 0.3 | 0.6% | 43.2% | 47.1 | 47.3 | 0.2 | 0.4% |
| 44.4% | 66.5 | 66.4 | -0.1 | -0.2% | 44.4% | 57.8 | 57.7 | -0.1 | -0.2% | 44.4% | 50.4 | 50.7 | 0.3 | 0.7% | 44.4% | 47.1 | 47.3 | 0.2 | 0.4% |
| 45.7% | 66.4 | 66.3 | -0.1 | -0.1% | 45.7% | 57.8 | 57.7 | -0.1 | -0.2% | 45.7% | 50.4 | 50.5 | 0.2 | 0.4% | 45.7% | 47.1 | 47.2 | 0.1 | 0.3% |
| 46.9% | 66.4 | 66.3 | -0.1 | -0.2% | 46.9% | 57.6 | 57.7 | 0.0 | 0.0% | 46.9% | 50.3 | 50.5 | 0.2 | 0.4% | 46.9% | 47.1 | 47.2 | 0.1 | 0.2% |
| 48.1% | 66.4 | 66.2 | -0.2 | -0.3% | 48.1% | 57.6 | 57.6 | 0.0 | 0.0% | 48.1% | 50.3 | 50.5 | 0.2 | 0.4% | 48.1% | 47.0 | 47.1 | 0.0 | 0.1% |
| 49.4% | 66.4 | 66.2 | -0.2 | -0.3% | 49.4% | 57.6 | 57.6 | 0.0 | 0.0% | 49.4% | 50.3 | 50.5 | 0.2 | 0.4% | 49.4% | 47.0 | 47.1 | 0.1 | 0.1% |
| 50.6% | 66.3 | 66.2 | -0.1 | -0.2% | 50.6% | 57.6 | 57.6 | 0.0 | 0.0% | 50.6% | 50.2 | 50.5 | 0.3 | 0.6% | 50.6% | 46.9 | 47.1 | 0.1 | 0.3% |
| 51.9% | 66.3 | 66.2 | -0.1 | -0.2% | 51.9% | 57.5 | 57.5 | 0.0 | 0.0% | 51.9% | 50.2 | 50.3 | 0.2 | 0.3% | 51.9% | 46.8 | 46.9 | 0.1 | 0.2% |
| 53.1% | 66.2 | 66.1 | -0.1 | -0.2% | 53.1% | 57.5 | 57.5 | 0.0 | -0.1% | 53.1% | 50.2 | 50.2 | 0.1 | 0.2% | 53.1% | 46.8 | 46.9 | 0.1 | 0.2% |
| 54.3% | 66.1 | 66.1 | -0.1 | -0.1% | 54.3% | 57.4 | 57.3 | -0.1 | -0.2% | 54.3% | 50.1 | 50.2 | 0.1 | 0.2% | 54.3% | 46.7 | 46.9 | 0.1 | 0.2% |
| 55.6% | 66.0 | 66.1 | 0.0 | 0.1% | 55.6% | 57.4 | 57.3 | -0.1 | -0.1% | 55.6% | 50.1 | 50.1 | 0.0 | 0.0% | 55.6% | 46.7 | 46.8 | 0.1 | 0.3% |
| 56.8% | 66.0 | 66.1 | 0.1 | 0.1% | 56.8% | 57.3 | 57.3 | 0.0 | -0.1% | 56.8% | 49.8 | 50.0 | 0.2 | 0.4% | 56.8% | 46.7 | 46.8 | 0.1 | 0.2% |
| 58.0% | 66.0 | 66.1 | 0.1 | 0.1% | 58.0% | 57.3 | 57.3 | 0.0 | -0.1% | 58.0% | 49.8 | 50.0 | 0.2 | 0.5% | 58.0% | 46.6 | 46.7 | 0.0 | 0.1% |
| 59.3% | 65.9 | 66.0 | 0.0 | 0.1% | 59.3% | 57.3 | 57.2 | 0.0 | -0.1% | 59.3% | 49.7 | 50.0 | 0.3 | 0.5% | 59.3% | 46.6 | 46.7 | 0.0 | 0.1% |
| 60.5% | 65.9 | 66.0 | 0.0 | 0.0% | 60.5% | 57.2 | 57.2 | 0.0 | 0.0% | 60.5% | 49.7 | 49.6 | -0.1 | -0.2% | 60.5% | 46.5 | 46.6 | 0.1 | 0.3% |
| 61.7% | 65.8 | 65.9 | 0.2 | 0.3% | 61.7% | 57.1 | 57.2 | 0.0 | 0.1% | 61.7% | 49.5 | 49.6 | 0.2 | 0.4% | 61.7% | 46.5 | 46.6 | 0.1 | 0.3% |
| 63.0% | 65.8 | 65.8 | 0.1 | 0.1% | 63.0% | 57.1 | 57.1 | 0.0 | 0.0% | 63.0% | 49.4 | 49.6 | 0.2 | 0.3% | 63.0% | 46.4 | 46.5 | 0.1 | 0.3% |
| 64.2% | 65.7 | 65.8 | 0.1 | 0.1% | 64.2% | 57.1 | 57.1 | -0.1 | -0.1% | 64.2% | 49.4 | 49.6 | 0.2 | 0.3% | 64.2% | 46.4 | 46.4 | 0.0 | 0.1% |
| 65.4% | 65.7 | 65.7 | 0.1 | 0.1% | 65.4% | 57.1 | 57.1 | 0.0 | 0.0% | 65.4% | 49.4 | 49.5 | 0.1 | 0.3% | 65.4% | 46.3 | 46.4 | 0.1 | 0.3% |
| 66.7% | 65.6 | 65.6 | 0.0 | -0.1% | 66.7% | 57.0 | 57.0 | 0.1 | 0.1% | 66.7% | 49.3 | 49.4 | 0.1 | 0.2% | 66.7% | 46.2 | 46.4 | 0.2 | 0.3% |
| 67.9% | 65.6 | 65.6 | 0.0 | 0.0% | 67.9% | 57.0 | 56.9 | 0.0 | 0.0% | 67.9% | 49.3 | 49.3 | 0.0 | 0.0% | 67.9% | 46.2 | 46.3 | 0.1 | 0.3% |
| 69.1% | 65.6 | 65.3 | -0.3 | -0.4% | 69.1% | 56.9 | 56.9 | 0.0 | 0.0% | 69.1% | 49.2 | 49.2 | 0.0 | 0.0% | 69.1% | 46.0 | 46.0 | 0.1 | 0.1% |
| 70.4% | 65.5 | 65.3 | -0.2 | -0.3% | 70.4% | 56.9 | 56.9 | 0.0 | 0.0% | 70.4% | 49.1 | 49.1 | 0.0 | 0.0% | 70.4% | 45.9 | 45.9 | 0.0 | 0.1% |
| 71.6% | 65.4 | 65.1 | -0.3 | -0.4% | 71.6% | 56.9 | 56.9 | 0.0 | 0.0% | 71.6% | 48.9 | 49.1 | 0.2 | 0.4% | 71.6% | 45.8 | 45.9 | 0.0 | 0.1% |
| 72.8% | 65.4 | 65.1 | -0.3 | -0.4% | 72.8% | 56.8 | 56.9 | 0.0 | 0.1% | 72.8% | 48.8 | 49.0 | 0.2 | 0.5% | 72.8% | 45.8 | 45.9 | 0.0 | 0.1% |
| 74.1% | 65.4 | 65.0 | -0.3 | -0.5% | 74.1% | 56.8 | 56.8 | 0.1 | 0.1% | 74.1% | 48.6 | 48.9 | 0.3 | 0.6% | 74.1% | 45.7 | 45.8 | 0.1 | 0.1% |
| 75.3% | 65.2 | 65.0 | -0.2 | -0.3% | 75.3% | 56.7 | 56.8 | 0.1 | 0.2% | 75.3% | 48.6 | 48.9 | 0.3 | 0.6% | 75.3% | 45.7 | 45.8 | 0.1 | 0.2% |
| 76.5% | 65.1 | 64.7 | -0.3 | -0.5% | 76.5% | 56.7 | 56.8 | 0.1 | 0.2% | 76.5% | 48.6 | 48.9 | 0.3 | 0.6% | 76.5% | 45.7 | 45.7 | 0.0 | 0.0% |
| 77.8% | 65.1 | 64.7 | -0.4 | -0.6% | 77.8% | 56.5 | 56.6 | 0.1 | 0.1% | 77.8% | 48.5 | 48.6 | 0.1 | 0.2% | 77.8% | 45.6 | 45.6 | 0.0 | 0.0% |
| 79.0% | 65.0 | 64.7 | -0.3 | -0.5% | 79.0% | 56.3 | 56.6 | 0.3 | 0.5% | 79.0% | 48.4 | 48.4 | 0.0 | 0.0% | 79.0% | 45.6 | 45.6 | 0.0 | 0.0% |
| 80.2% | 65.0 | 64.7 | -0.3 | -0.5% | 80.2% | 56.2 | 56.5 | 0.2 | 0.4% | 80.2% | 48.2 | 48.3 | 0.2 | 0.3% | 80.2% | 45.6 | 45.6 | 0.0 | 0.0% |
| 81.5% | 64.9 | 64.6 | -0.3 | -0.4% | 81.5% | 56.0 | 56.4 | 0.4 | 0.7% | 81.5% | 48.1 | 48.3 | 0.2 | 0.3% | 81.5% | 45.6 | 45.5 | -0.1 | -0.1% |
| 82.7% | 64.6 | 64.6 | 0.0 | 0.0% | 82.7% | 56.0 | 56.4 | 0.4 | 0.8% | 82.7% | 47.9 | 48.1 | 0.1 | 0.3% | 82.7% | 45.5 | 45.5 | 0.0 | 0.0% |
| 84.0% | 64.6 | 64.3 | -0.3 | -0.5% | 84.0% | 55.9 | 56.3 | 0.4 | 0.6% | 84.0% | 47.8 | 47.9 | 0.1 | 0.2% | 84.0% | 45.2 | 45.2 | 0.0 | 0.1% |
| 85.2% | 64.6 | 64.2 | -0.3 | -0.5% | 85.2% | 55.9 | 56.3 | 0.3 | 0.6% | 85.2% | 47.5 | 47.7 | 0.2 | 0.4% | 85.2% | 45.2 | 45.2 | 0.1 | 0.1% |
| 86.4% | 64.4 | 64.1 | -0.3 | -0.5% | 86.4% | 55.4 | 56.0 | 0.5 | 1.0% | 86.4% | 47.4 | 47.4 | 0.0 | 0.1% | 86.4% | 45.1 | 45.2 | 0.1 | 0.2% |
| 87.7% | 64.4 | 64.1 | -0.2 | -0.4% | 87.7% | 55.3 | 55.9 | 0.6 | 1.0% | 87.7% | 47.3 | 47.4 | 0.0 | 0.1% | 87.7% | 45.1 | 45.1 | 0.0 | 0.0% |
| 88.9% | 64.2 | 64.0 | -0.2 | -0.2% | 88.9% | 55.3 | 55.5 | 0.2 | 0.4% | 88.9% | 47.2 | 47.4 | 0.1 | 0.3% | 88.9% | 44.8 | 44.8 | 0.0 | 0.0% |
| 90.1% | 63.9 | 64.0 | 0.1 | 0.1% | 90.1% | 55.3 | 55.4 | 0.2 | 0.3% | 90.1% | 47.1 | 47.2 | 0.2 | 0.4% | 90.1% | 44.7 | 44.8 | 0.0 | 0.0% |
| 91.4% | 63.7 | 63.8 | 0.1 | 0.2% | 91.4% | 55.0 | 55.3 | 0.3 | 0.6% | 91.4% | 46.8 | 46.9 | 0.1 | 0.3% | 91.4% | 44.6 | 44.6 | 0.0 | 0.0% |
| 92.6% | 63.5 | 63.8 | 0.3 | 0.5% | 92.6% | 54.0 | 55.0 | 1.0 | 1.9% | 92.6% | 46.7 | 46.4 | -0.3 | -0.7% | 92.6% | 44.6 | 44.5 | -0.1 | -0.1% |
| 93.8% | 63.2 | 63.7 | 0.5 | 0.8% | 93.8% | 53.8 | 54.3 | 0.4 | 0.8% | 93.8% | 46.0 | 46.3 | 0.2 | 0.5% | 93.8% | 44.6 | 44.5 | -0.1 | -0.2% |
| 95.1% | 62.9 | 63.6 | 0.7 | 1.0% | 95.1% | 53.4 | 54.2 | 0.8 | 1.5% | 95.1% | 45.9 | 45.9 | 0.1 | 0.1% | 95.1% | 44.5 | 44.4 | -0.1 | -0.2% |
| 96.3% | 62.3 | 62.9 | 0.6 | 0.9% | 96.3% | 53.3 | 53.7 | 0.4 | 0.7% | 96.3% | 44.7 | 45.7 | 1.0 | 2.3% | 96.3% | 44.4 | 44.3 | -0.1 | -0.2% |
| 97.5% | 62.2 | 62.4 | 0.1 | 0.2% | 97.5% | 53.1 | 53.5 | 0.4 | 0.7% | 97.5% | 44.4 | 45.4 | 1.0 | 2.3% | 97.5% | 44.3 | 43.9 | -0.4 | -0.9% |
| 98.8% | 61.0 | 61.1 | 0.1 | 0.2% | 98.8% | 50.8 | 51.5 | 0.7 | 1.3% | 98.8% | 44.2 | 44.8 | 0.5 | 1.2% | 98.8% | 43.4 | 43.7 | 0.2 | 0.6% |
| 100.0% | 61.0 | 61.1 | 0.0 | 0.2% | 100.0% | 50.8 | 51.5 | 0.7 | 1.3% | 100.0% | 44.2 | 44.8 | 0.5 | 1.2% | 100.0% | 43.4 | 43.7 | 0.2 | 0.6% |

## Table SQ10-1b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 55.0 | 54.4 | -0.6 | -1.1% | 0.0% | 57.8 | 57.9 | 0.0 | 0.0% | 0.0% | 66.4 | 64.9 | -1.6 | -2.3% | 0.0% | 70.4 | 72.4 | 1.9 | 2.8% |
| 1.2% | 53.1 | 53.1 | 0.0 | 0.0% | 1.2% | 57.6 | 57.3 | -0.3 | -0.6% | 1.2% | 65.6 | 63.9 | -1.7 | -2.6% | 1.2% | 70.4 | 70.2 | -0.3 | -0.4% |
| 2.5% | 52.1 | 51.7 | -0.5 | -0.9% | 2.5% | 57.3 | 56.9 | -0.4 | -0.7% | 2.5% | 65.0 | 63.3 | -1.7 | -2.6% | 2.5% | 70.1 | 69.9 | -0.2 | -0.3% |
| 3.7% | 51.8 | 51.1 | -0.7 | -1.4% | 3.7% | 56.9 | 56.9 | 0.0 | 0.0% | 3.7% | 64.6 | 62.8 | -1.8 | -2.8% | 3.7% | 70.0 | 69.2 | -0.8 | -1.2% |
| 4.9% | 50.8 | 50.8 | 0.0 | 0.0% | 4.9% | 56.9 | 56.9 | 0.0 | 0.0% | 4.9% | 63.6 | 62.8 | -0.8 | -1.2% | 4.9% | 69.9 | 69.0 | -0.9 | -1.3% |
| 6.2% | 50.7 | 50.7 | 0.1 | 0.1% | 6.2% | 56.9 | 56.8 | -0.1 | -0.2% | 6.2% | 63.1 | 62.4 | -0.7 | -1.1% | 6.2% | 69.1 | 68.2 | -0.9 | -1.3% |
| 7.4% | 50.6 | 50.7 | 0.1 | 0.2% | 7.4% | 56.6 | 56.5 | -0.2 | -0.3% | 7.4% | 63.0 | 62.0 | -1.0 | -1.6% | 7.4% | 69.0 | 68.0 | -1.0 | -1.4% |
| 8.6% | 50.4 | 50.4 | 0.0 | 0.0% | 8.6% | 56.5 | 56.2 | -0.3 | -0.6% | 8.6% | 62.0 | 61.9 | -0.1 | -0.2% | 8.6% | 68.5 | 68.0 | -0.6 | -0.8% |
| 9.9% | 50.3 | 50.2 | -0.1 | -0.2% | 9.9% | 56.0 | 56.2 | 0.1 | 0.3% | 9.9% | 62.0 | 61.6 | -0.3 | -0.5% | 9.9% | 68.4 | 67.7 | -0.7 | -1.0% |
| 11.1% | 50.1 | 50.1 | 0.0 | 0.0% | 11.1% | 55.9 | 55.9 | 0.0 | 0.0% | 11.1% | 62.0 | 61.6 | -0.4 | -0.6% | 11.1% | 68.3 | 67.5 | -0.8 | -1.1% |
| 12.3% | 50.0 | 50.0 | 0.1 | 0.2% | 12.3% | 55.4 | 55.3 | -0.2 | -0.3% | 12.3% | 61.9 | 61.3 | -0.6 | -1.0% | 12.3% | 68.1 | 67.4 | -0.6 | -0.9% |
| 13.6% | 49.9 | 50.0 | 0.0 | 0.1% | 13.6% | 55.4 | 55.2 | -0.2 | -0.4% | 13.6% | 61.8 | 61.1 | -0.7 | -1.1% | 13.6% | 67.9 | 67.1 | -0.8 | -1.2% |
| 14.8% | 49.9 | 49.9 | 0.0 | 0.0% | 14.8% | 55.2 | 55.2 | 0.0 | 0.0% | 14.8% | 61.3 | 61.1 | -0.2 | -0.3% | 14.8% | 67.8 | 67.1 | -0.7 | -1.0% |
| 16.0% | 49.8 | 49.9 | 0.0 | 0.1% | 16.0% | 55.2 | 55.1 | -0.1 | -0.1% | 16.0% | 61.2 | 61.0 | -0.2 | -0.3% | 16.0% | 67.8 | 67.1 | -0.7 | -1.0% |
| 17.3% | 49.7 | 49.8 | 0.1 | 0.2% | 17.3% | 54.7 | 54.7 | 0.0 | 0.0% | 17.3% | 61.2 | 61.0 | -0.2 | -0.3% | 17.3% | 67.8 | 67.0 | -0.7 | -1.1% |
| 18.5% | 49.7 | 49.7 | 0.0 | 0.0% | 18.5% | 54.5 | 54.5 | 0.0 | 0.0% | 18.5% | 61.0 | 60.6 | -0.5 | -0.8% | 18.5% | 67.8 | 67.0 | -0.8 | -1.1% |
| 19.8% | 49.5 | 49.6 | 0.0 | 0.1% | 19.8% | 54.4 | 54.2 | -0.2 | -0.4% | 19.8% | 61.0 | 60.4 | -0.5 | -0.9% | 19.8% | 67.6 | 66.8 | -0.8 | -1.2% |
| 21.0% | 49.5 | 49.6 | 0.1 | 0.1% | 21.0% | 54.2 | 54.0 | -0.2 | -0.3% | 21.0% | 60.8 | 60.4 | -0.4 | -0.7% | 21.0% | 67.3 | 66.8 | -0.5 | -0.7% |
| 22.2% | 49.3 | 49.3 | -0.1 | -0.1% | 22.2% | 54.1 | 53.9 | -0.2 | -0.3% | 22.2% | 60.7 | 60.4 | -0.3 | -0.5% | 22.2% | 67.2 | 66.6 | -0.6 | -0.9% |
| 23.5% | 49.3 | 49.2 | 0.0 | -0.1% | 23.5% | 54.1 | 53.7 | -0.4 | -0.7% | 23.5% | 60.6 | 60.3 | -0.3 | -0.5% | 23.5% | 67.2 | 66.6 | -0.6 | -0.9% |
| 24.7% | 49.1 | 49.1 | 0.0 | 0.0% | 24.7% | 53.9 | 53.2 | -0.7 | -1.3% | 24.7% | 60.6 | 60.2 | -0.4 | -0.7% | 24.7% | 67.0 | 66.5 | -0.5 | -0.8% |
| 25.9% | 48.8 | 48.9 | 0.1 | 0.1% | 25.9% | 52.8 | 52.8 | 0.0 | 0.1% | 25.9% | 60.6 | 60.1 | -0.4 | -0.7% | 25.9% | 66.9 | 66.5 | -0.4 | -0.6% |
| 27.2% | 48.8 | 48.9 | 0.1 | 0.2% | 27.2% | 52.8 | 52.8 | 0.0 | 0.0% | 27.2% | 60.4 | 60.1 | -0.3 | -0.6% | 27.2% | 66.8 | 66.4 | -0.4 | -0.6% |
| 28.4% | 48.8 | 48.8 | 0.0 | 0.1% | 28.4% | 52.7 | 52.7 | 0.0 | 0.0% | 28.4% | 60.3 | 60.0 | -0.3 | -0.5% | 28.4% | 66.8 | 66.2 | -0.6 | -0.8% |
| 29.6% | 48.4 | 48.7 | 0.3 | 0.6% | 29.6% | 52.7 | 52.7 | 0.0 | 0.0% | 29.6% | 60.1 | 59.8 | -0.3 | -0.5% | 29.6% | 66.7 | 66.2 | -0.5 | -0.8% |
| 30.9% | 48.3 | 48.5 | 0.1 | 0.3% | 30.9% | 52.6 | 52.5 | -0.1 | -0.3% | 30.9% | 60.0 | 59.8 | -0.2 | -0.4% | 30.9% | 66.6 | 66.2 | -0.4 | -0.6% |
| 32.1% | 48.2 | 48.3 | 0.1 | 0.2% | 32.1% | 52.5 | 52.5 | 0.0 | 0.0% | 32.1% | 60.0 | 59.7 | -0.3 | -0.5% | 32.1% | 66.4 | 66.1 | -0.3 | -0.5% |
| 33.3% | 48.1 | 48.3 | 0.2 | 0.4% | 33.3% | 52.3 | 52.5 | 0.2 | 0.4% | 33.3% | 59.8 | 59.5 | -0.3 | -0.5% | 33.3% | 66.2 | 66.0 | -0.2 | -0.3% |
| 34.6% | 48.1 | 48.2 | 0.1 | 0.3% | 34.6% | 52.2 | 52.2 | 0.0 | 0.0% | 34.6% | 59.8 | 59.5 | -0.3 | -0.5% | 34.6% | 66.2 | 66.0 | -0.2 | -0.3% |
| 35.8% | 48.1 | 48.1 | 0.0 | 0.1% | 35.8% | 52.0 | 52.0 | 0.0 | 0.0% | 35.8% | 59.3 | 59.4 | 0.1 | 0.2% | 35.8% | 66.1 | 65.7 | -0.4 | -0.7% |
| 37.0% | 48.0 | 48.1 | 0.1 | 0.1% | 37.0% | 52.0 | 52.0 | 0.0 | 0.1% | 37.0% | 59.0 | 59.3 | 0.3 | 0.5% | 37.0% | 66.1 | 65.6 | -0.5 | -0.7% |
| 38.3% | 48.0 | 48.1 | 0.1 | 0.1% | 38.3% | 51.9 | 51.9 | 0.0 | 0.0% | 38.3% | 58.9 | 59.0 | 0.1 | 0.1% | 38.3% | 66.0 | 65.6 | -0.4 | -0.6% |
| 39.5% | 48.0 | 48.1 | 0.1 | 0.1% | 39.5% | 51.7 | 51.7 | 0.0 | 0.0% | 39.5% | 58.9 | 58.9 | 0.0 | 0.0% | 39.5% | 65.8 | 65.5 | -0.3 | -0.5% |
| 40.7% | 47.9 | 47.9 | 0.0 | -0.1% | 40.7% | 51.4 | 51.4 | 0.0 | 0.0% | 40.7% | 58.4 | 58.9 | 0.5 | 0.9% | 40.7% | 65.8 | 65.1 | -0.7 | -1.0% |
| 42.0% | 47.9 | 47.8 | -0.2 | -0.4% | 42.0% | 51.2 | 51.2 | 0.0 | 0.0% | 42.0% | 58.4 | 58.4 | 0.1 | 0.1% | 42.0% | 65.7 | 65.1 | -0.7 | -1.0% |
| 43.2% | 47.7 | 47.7 | 0.0 | 0.0% | 43.2% | 51.2 | 51.2 | 0.0 | 0.0% | 43.2% | 58.2 | 58.4 | 0.1 | 0.2% | 43.2% | 65.6 | 65.1 | -0.6 | -0.8% |
| 44.4% | 47.6 | 47.6 | 0.0 | 0.1% | 44.4% | 51.0 | 51.0 | 0.0 | 0.1% | 44.4% | 58.2 | 58.4 | 0.2 | 0.3% | 44.4% | 65.3 | 65.0 | -0.3 | -0.4% |
| 45.7% | 47.6 | 47.6 | 0.0 | 0.0% | 45.7% | 51.0 | 51.0 | 0.0 | 0.0% | 45.7% | 58.1 | 58.2 | 0.2 | 0.3% | 45.7% | 65.3 | 65.0 | -0.3 | -0.4% |
| 46.9% | 47.6 | 47.6 | 0.0 | 0.1% | 46.9% | 50.9 | 50.9 | 0.1 | 0.1% | 46.9% | 57.9 | 58.1 | 0.2 | 0.4% | 46.9% | 65.1 | 65.0 | -0.1 | -0.2% |
| 48.1% | 47.5 | 47.6 | 0.1 | 0.3% | 48.1% | 50.7 | 50.7 | 0.0 | -0.1% | 48.1% | 57.8 | 58.0 | 0.3 | 0.5% | 48.1% | 65.1 | 65.0 | -0.1 | -0.1% |
| 49.4% | 47.4 | 47.5 | 0.0 | 0.1% | 49.4% | 50.7 | 50.7 | 0.0 | -0.1% | 49.4% | 57.7 | 57.9 | 0.1 | 0.2% | 49.4% | 65.0 | 65.0 | -0.1 | -0.1% |
| 50.6% | 47.4 | 47.4 | 0.0 | 0.1% | 50.6% | 50.6 | 50.6 | 0.0 | 0.0% | 50.6% | 57.7 | 57.8 | 0.0 | 0.1% | 50.6% | 64.7 | 64.7 | 0.0 | 0.0% |
| 51.9% | 47.4 | 47.4 | 0.0 | 0.0% | 51.9% | 50.5 | 50.5 | 0.0 | 0.0% | 51.9% | 57.7 | 57.7 | 0.0 | 0.0% | 51.9% | 64.6 | 64.6 | 0.0 | -0.1% |
| 53.1% | 47.4 | 47.4 | 0.0 | 0.0% | 53.1% | 50.3 | 50.3 | 0.0 | 0.0% | 53.1% | 57.6 | 57.6 | 0.0 | 0.0% | 53.1% | 64.5 | 64.5 | 0.0 | 0.0% |
| 54.3% | 47.3 | 47.3 | 0.1 | 0.1% | 54.3% | 50.3 | 50.3 | 0.0 | 0.0% | 54.3% | 57.6 | 57.6 | 0.1 | 0.1% | 54.3% | 64.4 | 64.1 | -0.3 | -0.5% |
| 55.6% | 47.3 | 47.2 | 0.0 | -0.1% | 55.6% | 50.1 | 50.1 | 0.0 | 0.0% | 55.6% | 57.5 | 57.6 | 0.1 | 0.2% | 55.6% | 64.2 | 64.0 | -0.2 | -0.3% |
| 56.8% | 47.1 | 47.2 | 0.1 | 0.3% | 56.8% | 50.1 | 50.1 | 0.0 | 0.0% | 56.8% | 57.4 | 57.5 | 0.1 | 0.1% | 56.8% | 64.0 | 63.9 | -0.1 | -0.2% |
| 58.0% | 47.1 | 47.2 | 0.1 | 0.2% | 58.0% | 50.1 | 50.1 | 0.0 | -0.1% | 58.0% | 57.3 | 57.3 | 0.0 | 0.1% | 58.0% | 63.7 | 63.7 | 0.0 | 0.0% |
| 59.3% | 47.0 | 47.1 | 0.1 | 0.2% | 59.3% | 50.0 | 50.0 | 0.0 | 0.0% | 59.3% | 57.2 | 57.2 | -0.1 | -0.1% | 59.3% | 63.4 | 63.4 | 0.0 | 0.0% |
| 60.5% | 46.9 | 47.1 | 0.2 | 0.4% | 60.5% | 50.0 | 50.0 | 0.0 | 0.0% | 60.5% | 56.5 | 56.5 | 0.0 | 0.0% | 60.5% | 63.4 | 63.4 | 0.0 | 0.0% |
| 61.7% | 46.9 | 46.9 | 0.0 | 0.0% | 61.7% | 50.0 | 50.0 | 0.0 | 0.0% | 61.7% | 56.5 | 56.4 | 0.0 | 0.0% | 61.7% | 63.3 | 63.4 | 0.1 | 0.1% |
| 63.0% | 46.8 | 46.8 | 0.0 | 0.0% | 63.0% | 50.0 | 50.0 | 0.0 | -0.1% | 63.0% | 56.4 | 56.4 | 0.0 | 0.0% | 63.0% | 63.1 | 63.2 | 0.0 | 0.1% |
| 64.2% | 46.8 | 46.8 | 0.0 | 0.1% | 64.2% | 50.0 | 49.9 | -0.1 | -0.1% | 64.2% | 56.4 | 56.3 | -0.1 | -0.2% | 64.2% | 62.8 | 63.1 | 0.3 | 0.4% |
| 65.4% | 46.8 | 46.8 | 0.0 | 0.0% | 65.4% | 49.9 | 49.9 | 0.0 | 0.0% | 65.4% | 56.2 | 56.2 | 0.0 | 0.0% | 65.4% | 62.7 | 62.8 | 0.1 | 0.2% |
| 66.7% | 46.7 | 46.8 | 0.0 | 0.1% | 66.7% | 49.9 | 49.9 | 0.0 | 0.0% | 66.7% | 56.2 | 56.2 | 0.0 | 0.0% | 66.7% | 62.7 | 62.7 | 0.0 | 0.0% |
| 67.9% | 46.7 | 46.8 | 0.0 | 0.1% | 67.9% | 49.8 | 49.8 | 0.0 | 0.0% | 67.9% | 55.9 | 55.9 | 0.0 | 0.0% | 67.9% | 62.7 | 62.7 | 0.0 | 0.0% |
| 69.1% | 46.6 | 46.6 | 0.0 | 0.0% | 69.1% | 49.8 | 49.8 | 0.0 | 0.0% | 69.1% | 55.8 | 55.8 | 0.0 | 0.0% | 69.1% | 62.6 | 62.6 | 0.0 | 0.0% |
| 70.4% | 46.6 | 46.6 | 0.0 | 0.0% | 70.4% | 49.8 | 49.8 | 0.0 | 0.0% | 70.4% | 55.7 | 55.7 | 0.0 | 0.0% | 70.4% | 62.6 | 62.5 | -0.1 | -0.1% |
| 71.6% | 46.6 | 46.6 | 0.0 | 0.0% | 71.6% | 49.8 | 49.8 | 0.0 | 0.0% | 71.6% | 55.5 | 55.5 | 0.0 | 0.0% | 71.6% | 62.5 | 62.2 | -0.2 | -0.4% |
| 72.8% | 46.5 | 46.6 | 0.1 | 0.2% | 72.8% | 49.8 | 49.8 | 0.0 | 0.0% | 72.8% | 55.5 | 55.5 | 0.0 | 0.0% | 72.8% | 62.3 | 62.1 | -0.2 | -0.4% |
| 74.1% | 46.4 | 46.5 | 0.0 | 0.1% | 74.1% | 49.7 | 49.7 | 0.0 | 0.0% | 74.1% | 55.2 | 55.2 | 0.0 | 0.0% | 74.1% | 62.2 | 62.0 | -0.3 | -0.4% |
| 75.3% | 46.4 | 46.5 | 0.1 | 0.2% | 75.3% | 49.6 | 49.6 | 0.0 | 0.0% | 75.3% | 54.9 | 54.9 | 0.0 | 0.1% | 75.3% | 62.1 | 61.5 | -0.5 | -0.9% |
| 76.5% | 46.4 | 46.4 | 0.0 | 0.0% | 76.5% | 49.6 | 49.6 | 0.0 | 0.0% | 76.5% | 54.5 | 54.5 | 0.0 | 0.0% | 76.5% | 62.0 | 61.5 | -0.4 | -0.7% |
| 77.8% | 46.4 | 46.4 | 0.0 | 0.0% | 77.8% | 49.5 | 49.5 | 0.0 | 0.0% | 77.8% | 54.3 | 54.3 | 0.0 | 0.0% | 77.8% | 61.5 | 61.5 | 0.0 | 0.0% |
| 79.0% | 46.4 | 46.4 | 0.0 | 0.0% | 79.0% | 49.4 | 49.4 | 0.0 | 0.0% | 79.0% | 54.3 | 54.3 | 0.0 | 0.0% | 79.0% | 61.5 | 61.4 | -0.1 | -0.2% |
| 80.2% | 46.4 | 46.4 | 0.0 | 0.0% | 80.2% | 49.4 | 49.4 | 0.0 | 0.0% | 80.2% | 54.2 | 54.2 | 0.0 | 0.0% | 80.2% | 61.5 | 61.2 | -0.3 | -0.6% |
| 81.5% | 46.4 | 46.4 | 0.0 | 0.0% | 81.5% | 49.3 | 49.3 | 0.0 | 0.0% | 81.5% | 54.1 | 54.1 | 0.0 | 0.0% | 81.5% | 61.4 | 61.2 | -0.2 | -0.4% |
| 82.7% | 46.3 | 46.3 | 0.0 | 0.0% | 82.7% | 49.2 | 49.2 | 0.0 | 0.0% | 82.7% | 54.1 | 54.1 | 0.0 | 0.0% | 82.7% | 61.2 | 61.1 | 0.0 | -0.1% |
| 84.0% | 46.2 | 46.2 | 0.0 | 0.0% | 84.0% | 49.2 | 49.2 | 0.0 | 0.0% | 84.0% | 54.0 | 54.0 | 0.0 | 0.0% | 84.0% | 60.6 | 60.6 | 0.0 | 0.0% |
| 85.2% | 46.2 | 46.2 | 0.0 | 0.0% | 85.2% | 49.1 | 49.1 | 0.0 | 0.0% | 85.2% | 53.9 | 53.9 | 0.0 | 0.0% | 85.2% | 60.1 | 60.1 | 0.0 | 0.0% |
| 86.4% | 46.1 | 46.1 | 0.0 | 0.0% | 86.4% | 49.0 | 49.1 | 0.0 | 0.1% | 86.4% | 53.9 | 53.9 | 0.0 | 0.0% | 86.4% | 59.9 | 59.9 | 0.0 | 0.0% |
| 87.7% | 46.1 | 46.1 | 0.0 | 0.0% | 87.7% | 49.0 | 49.0 | 0.0 | 0.0% | 87.7% | 53.6 | 53.6 | 0.0 | 0.0% | 87.7% | 59.8 | 59.8 | 0.0 | 0.0% |
| 88.9% | 46.1 | 46.0 | 0.0 | 0.0% | 88.9% | 48.7 | 48.7 | 0.0 | 0.0% | 88.9% | 53.1 | 53.1 | 0.0 | 0.0% | 88.9% | 59.8 | 59.7 | -0.1 | -0.1% |
| 90.1% | 45.8 | 45.9 | 0.1 | 0.1% | 90.1% | 48.7 | 48.7 | 0.0 | 0.0% | 90.1% | 53.0 | 53.0 | 0.0 | 0.0% | 90.1% | 59.6 | 59.6 | 0.0 | 0.0% |
| 91.4% | 45.8 | 45.8 | 0.0 | 0.0% | 91.4% | 48.7 | 48.7 | 0.0 | 0.0% | 91.4% | 52.9 | 52.8 | 0.0 | 0.0% | 91.4% | 59.3 | 59.2 | 0.0 | 0.0% |
| 92.6% | 45.8 | 45.7 | -0.1 | -0.2% | 92.6% | 48.6 | 48.6 | 0.0 | 0.0% | 92.6% | 52.8 | 52.8 | -0.1 | -0.1% | 92.6% | 59.2 | 59.2 | 0.0 | 0.0% |
| 93.8% | 45.8 | 45.7 | -0.1 | -0.2% | 93.8% | 48.6 | 48.6 | 0.0 | 0.1% | 93.8% | 52.6 | 52.6 | 0.0 | 0.0% | 93.8% | 58.4 | 58.4 | 0.0 | 0.0% |
| 95.1% | 45.7 | 45.7 | 0.0 | -0.1% | 95.1% | 48.3 | 48.2 | -0.1 | -0.2% | 95.1% | 52.2 | 52.5 | 0.3 | 0.6% | 95.1% | 58.0 | 58.0 | 0.0 | 0.0% |
| 96.3% | 45.7 | 45.5 | -0.2 | -0.5% | 96.3% | 48.0 | 48.0 | 0.0 | 0.0% | 96.3% | 51.8 | 51.8 | 0.0 | 0.0% | 96.3% | 57.3 | 57.3 | 0.0 | 0.0% |
| 97.5% | 45.7 | 45.4 | -0.3 | -0.6% | 97.5% | 48.0 | 48.0 | 0.0 | 0.0% | 97.5% | 51.7 | 51.7 | 0.0 | 0.1% | 97.5% | 57.0 | 57.0 | 0.0 | 0.0% |
| 98.8% | 44.8 | 45.1 | 0.3 | 0.6% | 98.8% | 47.5 | 47.5 | 0.0 | 0.0% | 98.8% | 51.0 | 51.0 | 0.0 | 0.1% | 98.8% | 56.8 | 56.9 | 0.0 | 0.1% |
| 100.0% | 44.8 | 45.1 | 0.3 | 0.6% | 100.0% | 47.5 | 47.5 | 0.0 | 0.0% | 100.0% | 51.0 | 51.0 | 0.0 | 0.1% | 100.0% | 56.8 | 56.9 | 0.0 | 0.1% |

## Table SQ10-1b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 76.2 | 77.2 | 1.0 | 1.3% | 0.0% | 78.8 | 79.5 | 0.7 | 0.9% | 0.0% | 77.9 | 76.8 | -1.1 | -1.4% | 0.0% | 75.2 | 75.1 | -0.1 | -0.2% |
| 1.2% | 76.1 | 76.0 | -0.1 | -0.1% | 1.2% | 77.1 | 75.8 | -1.4 | -1.8% | 1.2% | 76.8 | 76.4 | -0.4 | -0.5% | 1.2% | 74.0 | 73.3 | -0.7 | -0.9% |
| 2.5% | 74.8 | 74.9 | 0.1 | 0.2% | 2.5% | 76.4 | 75.5 | -0.9 | -1.2% | 2.5% | 75.7 | 74.3 | -1.5 | -1.9% | 2.5% | 73.4 | 72.9 | -0.5 | -0.7% |
| 3.7% | 74.3 | 73.9 | -0.5 | -0.6% | 3.7% | 75.2 | 75.3 | 0.1 | 0.1% | 3.7% | 75.0 | 74.1 | -0.9 | -1.2% | 3.7% | 73.3 | 72.8 | -0.5 | -0.7% |
| 4.9% | 74.2 | 73.3 | -0.9 | -1.2% | 4.9% | 75.2 | 73.9 | -1.3 | -1.7% | 4.9% | 74.9 | 74.0 | -0.9 | -1.2% | 4.9% | 73.2 | 72.7 | -0.4 | -0.6% |
| 6.2% | 73.7 | 72.8 | -0.9 | -1.2% | 6.2% | 74.7 | 73.3 | -1.5 | -2.0% | 6.2% | 74.6 | 73.8 | -0.8 | -1.1% | 6.2% | 72.9 | 72.5 | -0.4 | -0.5% |
| 7.4% | 73.7 | 72.7 | -1.0 | -1.4% | 7.4% | 73.9 | 73.3 | -0.6 | -0.8% | 7.4% | 74.0 | 73.7 | -0.3 | -0.4% | 7.4% | 72.8 | 72.5 | -0.3 | -0.4% |
| 8.6% | 73.6 | 72.3 | -1.3 | -1.8% | 8.6% | 73.7 | 73.0 | -0.6 | -0.9% | 8.6% | 74.0 | 73.5 | -0.5 | -0.6% | 8.6% | 72.8 | 72.4 | -0.4 | -0.5% |
| 9.9% | 73.6 | 72.1 | -1.5 | -2.0% | 9.9% | 73.3 | 73.0 | -0.3 | -0.4% | 9.9% | 73.9 | 73.4 | -0.5 | -0.7% | 9.9% | 72.7 | 72.1 | -0.6 | -0.9% |
| 11.1% | 73.4 | 72.1 | -1.3 | -1.8% | 11.1% | 73.2 | 72.6 | -0.7 | -0.9% | 11.1% | 73.9 | 73.4 | -0.5 | -0.7% | 11.1% | 72.7 | 72.1 | -0.7 | -0.9% |
| 12.3% | 73.3 | 72.0 | -1.3 | -1.8% | 12.3% | 73.2 | 72.6 | -0.6 | -0.8% | 12.3% | 73.9 | 73.3 | -0.6 | -0.8% | 12.3% | 72.5 | 72.0 | -0.6 | -0.8% |
| 13.6% | 73.1 | 71.9 | -1.2 | -1.7% | 13.6% | 72.8 | 72.4 | -0.4 | -0.6% | 13.6% | 73.7 | 73.2 | -0.4 | -0.6% | 13.6% | 72.5 | 71.9 | -0.5 | -0.7% |
| 14.8% | 73.0 | 71.7 | -1.3 | -1.8% | 14.8% | 72.8 | 72.3 | -0.5 | -0.6% | 14.8% | 73.6 | 72.9 | -0.7 | -1.0% | 14.8% | 72.3 | 71.8 | -0.4 | -0.6% |
| 16.0% | 73.0 | 71.7 | -1.3 | -1.8% | 16.0% | 72.5 | 72.1 | -0.4 | -0.6% | 16.0% | 73.2 | 72.6 | -0.6 | -0.8% | 16.0% | 72.3 | 71.8 | -0.5 | -0.7% |
| 17.3% | 72.9 | 71.6 | -1.3 | -1.8% | 17.3% | 72.1 | 72.0 | -0.1 | -0.1% | 17.3% | 73.2 | 72.4 | -0.9 | -1.2% | 17.3% | 72.2 | 71.7 | -0.5 | -0.6% |
| 18.5% | 72.7 | 71.4 | -1.3 | -1.8% | 18.5% | 71.3 | 71.7 | 0.4 | 0.6% | 18.5% | 72.8 | 72.3 | -0.5 | -0.6% | 18.5% | 72.0 | 71.7 | -0.3 | -0.5% |
| 19.8% | 72.4 | 71.2 | -1.2 | -1.7% | 19.8% | 71.2 | 71.6 | 0.3 | 0.4% | 19.8% | 72.7 | 72.1 | -0.6 | -0.8% | 19.8% | 72.0 | 71.5 | -0.5 | -0.7% |
| 21.0% | 72.3 | 71.1 | -1.3 | -1.7% | 21.0% | 71.2 | 71.0 | -0.2 | -0.3% | 21.0% | 72.5 | 72.1 | -0.4 | -0.5% | 21.0% | 71.8 | 71.5 | -0.3 | -0.5% |
| 22.2% | 72.3 | 71.0 | -1.3 | -1.8% | 22.2% | 71.2 | 70.5 | -0.7 | -1.0% | 22.2% | 72.5 | 72.1 | -0.3 | -0.5% | 22.2% | 71.8 | 71.3 | -0.5 | -0.7% |
| 23.5% | 72.2 | 70.8 | -1.4 | -2.0% | 23.5% | 70.9 | 70.3 | -0.6 | -0.9% | 23.5% | 72.5 | 72.0 | -0.4 | -0.6% | 23.5% | 71.7 | 71.0 | -0.8 | -1.1% |
| 24.7% | 71.9 | 70.7 | -1.2 | -1.7% | 24.7% | 70.5 | 70.3 | -0.2 | -0.4% | 24.7% | 72.4 | 71.9 | -0.5 | -0.8% | 24.7% | 71.7 | 70.8 | -0.8 | -1.2% |
| 25.9% | 71.7 | 70.6 | -1.1 | -1.6% | 25.9% | 70.4 | 70.1 | -0.3 | -0.5% | 25.9% | 72.3 | 71.6 | -0.7 | -1.0% | 25.9% | 71.6 | 70.8 | -0.9 | -1.2% |
| 27.2% | 71.4 | 70.5 | -0.9 | -1.2% | 27.2% | 70.4 | 70.0 | -0.3 | -0.4% | 27.2% | 72.2 | 71.6 | -0.5 | -0.7% | 27.2% | 71.6 | 70.8 | -0.9 | -1.2% |
| 28.4% | 71.4 | 70.2 | -1.1 | -1.6% | 28.4% | 70.3 | 69.8 | -0.5 | -0.7% | 28.4% | 72.1 | 71.5 | -0.6 | -0.8% | 28.4% | 71.6 | 70.7 | -0.8 | -1.1% |
| 29.6% | 71.2 | 70.2 | -1.1 | -1.5% | 29.6% | 70.3 | 69.8 | -0.4 | -0.6% | 29.6% | 72.1 | 71.5 | -0.6 | -0.8% | 29.6% | 71.5 | 70.7 | -0.8 | -1.1% |
| 30.9% | 70.9 | 70.1 | -0.8 | -1.2% | 30.9% | 70.2 | 69.7 | -0.5 | -0.7% | 30.9% | 72.0 | 71.5 | -0.6 | -0.8% | 30.9% | 71.3 | 70.7 | -0.7 | -0.9% |
| 32.1% | 70.9 | 70.0 | -0.9 | -1.2% | 32.1% | 70.1 | 69.4 | -0.7 | -1.0% | 32.1% | 71.9 | 71.4 | -0.5 | -0.7% | 32.1% | 71.3 | 70.7 | -0.6 | -0.9% |
| 33.3% | 70.5 | 70.0 | -0.5 | -0.7% | 33.3% | 69.9 | 69.3 | -0.6 | -0.8% | 33.3% | 71.6 | 71.2 | -0.4 | -0.5% | 33.3% | 71.2 | 70.6 | -0.6 | -0.9% |
| 34.6% | 70.3 | 69.9 | -0.5 | -0.6% | 34.6% | 69.9 | 69.3 | -0.6 | -0.9% | 34.6% | 71.6 | 71.2 | -0.4 | -0.5% | 34.6% | 71.2 | 70.6 | -0.7 | -0.9% |
| 35.8% | 70.3 | 69.9 | -0.4 | -0.6% | 35.8% | 69.7 | 69.3 | -0.4 | -0.6% | 35.8% | 71.5 | 71.2 | -0.4 | -0.5% | 35.8% | 71.2 | 70.4 | -0.8 | -1.2% |
| 37.0% | 70.2 | 69.8 | -0.4 | -0.5% | 37.0% | 69.7 | 69.1 | -0.6 | -0.8% | 37.0% | 71.4 | 71.2 | -0.3 | -0.4% | 37.0% | 71.1 | 70.3 | -0.8 | -1.1% |
| 38.3% | 70.2 | 69.7 | -0.4 | -0.6% | 38.3% | 69.6 | 69.0 | -0.6 | -0.8% | 38.3% | 71.4 | 71.2 | -0.2 | -0.3% | 38.3% | 71.1 | 70.3 | -0.8 | -1.1% |
| 39.5% | 70.2 | 69.5 | -0.6 | -0.9% | 39.5% | 69.5 | 69.0 | -0.5 | -0.8% | 39.5% | 71.4 | 71.0 | -0.4 | -0.5% | 39.5% | 71.0 | 70.2 | -0.8 | -1.2% |
| 40.7% | 69.7 | 69.5 | -0.1 | -0.2% | 40.7% | 69.5 | 69.0 | -0.5 | -0.8% | 40.7% | 71.4 | 71.0 | -0.4 | -0.5% | 40.7% | 71.0 | 70.2 | -0.8 | -1.1% |
| 42.0% | 69.3 | 69.5 | 0.1 | 0.2% | 42.0% | 69.5 | 68.9 | -0.5 | -0.8% | 42.0% | 71.1 | 70.9 | -0.2 | -0.3% | 42.0% | 71.0 | 70.2 | -0.8 | -1.1% |
| 43.2% | 69.3 | 69.5 | 0.2 | 0.3% | 43.2% | 69.4 | 68.9 | -0.5 | -0.7% | 43.2% | 71.0 | 70.8 | -0.2 | -0.3% | 43.2% | 71.0 | 70.2 | -0.8 | -1.1% |
| 44.4% | 69.2 | 69.4 | 0.2 | 0.3% | 44.4% | 69.4 | 68.9 | -0.4 | -0.6% | 44.4% | 70.9 | 70.8 | -0.2 | -0.2% | 44.4% | 71.0 | 70.1 | -0.8 | -1.2% |
| 45.7% | 69.2 | 69.3 | 0.1 | 0.1% | 45.7% | 69.3 | 68.9 | -0.4 | -0.5% | 45.7% | 70.9 | 70.7 | -0.2 | -0.3% | 45.7% | 70.9 | 70.1 | -0.9 | -1.2% |
| 46.9% | 69.2 | 68.9 | -0.3 | -0.4% | 46.9% | 69.2 | 68.7 | -0.5 | -0.7% | 46.9% | 70.9 | 70.7 | -0.2 | -0.3% | 46.9% | 70.9 | 70.0 | -0.9 | -1.3% |
| 48.1% | 69.0 | 68.8 | -0.2 | -0.3% | 48.1% | 69.2 | 68.6 | -0.5 | -0.8% | 48.1% | 70.8 | 70.6 | -0.3 | -0.4% | 48.1% | 70.9 | 70.0 | -0.9 | -1.3% |
| 49.4% | 69.0 | 68.8 | -0.2 | -0.3% | 49.4% | 69.1 | 68.6 | -0.6 | -0.9% | 49.4% | 70.8 | 70.4 | -0.4 | -0.5% | 49.4% | 70.8 | 69.9 | -0.9 | -1.3% |
| 50.6% | 68.6 | 68.8 | 0.1 | 0.2% | 50.6% | 69.1 | 68.5 | -0.6 | -0.9% | 50.6% | 70.8 | 70.4 | -0.4 | -0.5% | 50.6% | 70.7 | 69.8 | -1.0 | -1.3% |
| 51.9% | 68.5 | 68.3 | -0.2 | -0.3% | 51.9% | 69.0 | 68.3 | -0.7 | -1.0% | 51.9% | 70.8 | 70.2 | -0.5 | -0.8% | 51.9% | 70.7 | 69.7 | -0.9 | -1.3% |
| 53.1% | 68.5 | 68.2 | -0.2 | -0.3% | 53.1% | 69.0 | 68.3 | -0.7 | -1.1% | 53.1% | 70.7 | 70.2 | -0.5 | -0.8% | 53.1% | 70.6 | 69.7 | -0.9 | -1.2% |
| 54.3% | 68.2 | 68.2 | 0.0 | 0.0% | 54.3% | 68.9 | 68.2 | -0.7 | -1.0% | 54.3% | 70.7 | 70.1 | -0.6 | -0.8% | 54.3% | 70.5 | 69.7 | -0.9 | -1.3% |
| 55.6% | 68.1 | 67.8 | -0.3 | -0.5% | 55.6% | 68.8 | 68.2 | -0.6 | -0.9% | 55.6% | 70.6 | 70.1 | -0.6 | -0.8% | 55.6% | 70.5 | 69.6 | -0.9 | -1.3% |
| 56.8% | 67.9 | 67.8 | -0.1 | -0.1% | 56.8% | 68.7 | 68.0 | -0.7 | -1.0% | 56.8% | 70.6 | 69.9 | -0.7 | -1.0% | 56.8% | 70.5 | 69.5 | -1.0 | -1.4% |
| 58.0% | 67.8 | 67.8 | 0.0 | 0.0% | 58.0% | 68.6 | 68.0 | -0.6 | -0.9% | 58.0% | 70.6 | 69.8 | -0.8 | -1.1% | 58.0% | 70.5 | 69.5 | -1.0 | -1.4% |
| 59.3% | 67.5 | 67.7 | 0.2 | 0.2% | 59.3% | 68.6 | 68.0 | -0.6 | -0.9% | 59.3% | 70.6 | 69.8 | -0.8 | -1.1% | 59.3% | 70.2 | 69.4 | -0.8 | -1.1% |
| 60.5% | 67.4 | 67.4 | 0.0 | 0.0% | 60.5% | 68.6 | 68.0 | -0.6 | -0.9% | 60.5% | 70.5 | 69.8 | -0.7 | -1.0% | 60.5% | 70.1 | 69.3 | -0.8 | -1.1% |
| 61.7% | 67.4 | 67.4 | 0.0 | 0.0% | 61.7% | 68.6 | 67.9 | -0.7 | -1.0% | 61.7% | 70.4 | 69.8 | -0.7 | -1.0% | 61.7% | 70.1 | 69.2 | -0.8 | -1.2% |
| 63.0% | 67.3 | 67.3 | 0.0 | 0.0% | 63.0% | 68.6 | 67.9 | -0.7 | -1.0% | 63.0% | 70.4 | 69.7 | -0.8 | -1.1% | 63.0% | 70.1 | 69.2 | -0.9 | -1.2% |
| 64.2% | 67.2 | 67.3 | 0.1 | 0.1% | 64.2% | 68.5 | 67.9 | -0.7 | -1.0% | 64.2% | 70.4 | 69.7 | -0.7 | -1.0% | 64.2% | 70.0 | 69.1 | -0.9 | -1.3% |
| 65.4% | 67.0 | 67.2 | 0.2 | 0.3% | 65.4% | 68.4 | 67.8 | -0.6 | -0.9% | 65.4% | 70.3 | 69.6 | -0.7 | -1.0% | 65.4% | 70.0 | 69.1 | -0.9 | -1.3% |
| 66.7% | 66.8 | 67.2 | 0.4 | 0.7% | 66.7% | 68.4 | 67.8 | -0.6 | -0.9% | 66.7% | 70.3 | 69.4 | -0.9 | -1.3% | 66.7% | 70.0 | 69.1 | -0.9 | -1.3% |
| 67.9% | 66.7 | 67.2 | 0.4 | 0.6% | 67.9% | 68.3 | 67.8 | -0.5 | -0.8% | 67.9% | 70.2 | 69.4 | -0.9 | -1.3% | 67.9% | 70.0 | 69.1 | -0.9 | -1.3% |
| 69.1% | 66.6 | 67.1 | 0.5 | 0.7% | 69.1% | 68.3 | 67.8 | -0.6 | -0.8% | 69.1% | 70.2 | 69.3 | -0.9 | -1.3% | 69.1% | 69.9 | 69.0 | -0.9 | -1.3% |
| 70.4% | 66.6 | 66.9 | 0.4 | 0.6% | 70.4% | 68.3 | 67.6 | -0.7 | -1.0% | 70.4% | 70.1 | 69.2 | -0.9 | -1.3% | 70.4% | 69.9 | 68.9 | -1.0 | -1.4% |
| 71.6% | 66.5 | 66.6 | 0.1 | 0.2% | 71.6% | 68.3 | 67.6 | -0.7 | -1.0% | 71.6% | 70.1 | 69.1 | -1.0 | -1.5% | 71.6% | 69.8 | 68.9 | -0.9 | -1.3% |
| 72.8% | 66.4 | 66.6 | 0.2 | 0.3% | 72.8% | 68.2 | 67.6 | -0.6 | -0.9% | 72.8% | 70.1 | 69.1 | -1.0 | -1.5% | 72.8% | 69.8 | 68.9 | -0.9 | -1.3% |
| 74.1% | 66.4 | 66.4 | 0.0 | 0.0% | 74.1% | 68.2 | 67.5 | -0.7 | -1.0% | 74.1% | 70.1 | 69.0 | -1.1 | -1.5% | 74.1% | 69.7 | 68.9 | -0.8 | -1.2% |
| 75.3% | 66.1 | 66.3 | 0.2 | 0.3% | 75.3% | 68.1 | 67.5 | -0.6 | -0.9% | 75.3% | 70.0 | 68.9 | -1.1 | -1.6% | 75.3% | 69.4 | 68.8 | -0.6 | -0.9% |
| 76.5% | 66.1 | 66.2 | 0.2 | 0.2% | 76.5% | 68.1 | 67.5 | -0.6 | -0.9% | 76.5% | 69.9 | 68.9 | -1.1 | -1.5% | 76.5% | 69.3 | 68.7 | -0.7 | -1.0% |
| 77.8% | 65.9 | 66.1 | 0.2 | 0.3% | 77.8% | 68.0 | 67.4 | -0.6 | -0.8% | 77.8% | 69.9 | 68.8 | -1.1 | -1.6% | 77.8% | 69.3 | 68.7 | -0.6 | -0.9% |
| 79.0% | 65.9 | 65.9 | 0.0 | 0.0% | 79.0% | 68.0 | 67.3 | -0.6 | -0.9% | 79.0% | 69.9 | 68.8 | -1.1 | -1.6% | 79.0% | 69.2 | 68.7 | -0.5 | -0.7% |
| 80.2% | 65.7 | 65.8 | 0.1 | 0.2% | 80.2% | 67.9 | 67.3 | -0.6 | -0.9% | 80.2% | 69.8 | 68.7 | -1.1 | -1.5% | 80.2% | 68.9 | 68.6 | -0.3 | -0.5% |
| 81.5% | 65.4 | 65.6 | 0.2 | 0.3% | 81.5% | 67.9 | 67.3 | -0.5 | -0.8% | 81.5% | 69.8 | 68.6 | -1.2 | -1.7% | 81.5% | 68.7 | 68.3 | -0.4 | -0.5% |
| 82.7% | 65.4 | 65.5 | 0.1 | 0.2% | 82.7% | 67.8 | 67.3 | -0.5 | -0.8% | 82.7% | 69.6 | 68.5 | -1.0 | -1.5% | 82.7% | 68.7 | 68.2 | -0.5 | -0.7% |
| 84.0% | 65.3 | 65.4 | 0.2 | 0.3% | 84.0% | 67.7 | 67.3 | -0.5 | -0.7% | 84.0% | 69.5 | 68.4 | -1.1 | -1.5% | 84.0% | 68.4 | 68.2 | -0.3 | -0.4% |
| 85.2% | 65.1 | 65.3 | 0.1 | 0.2% | 85.2% | 67.7 | 67.2 | -0.5 | -0.8% | 85.2% | 69.4 | 68.4 | -1.0 | -1.5% | 85.2% | 68.4 | 68.1 | -0.3 | -0.4% |
| 86.4% | 65.0 | 65.1 | 0.2 | 0.2% | 86.4% | 67.7 | 67.2 | -0.5 | -0.7% | 86.4% | 69.3 | 68.3 | -1.0 | -1.4% | 86.4% | 68.4 | 67.6 | -0.8 | -1.1% |
| 87.7% | 64.9 | 65.0 | 0.1 | 0.1% | 87.7% | 67.6 | 67.1 | -0.5 | -0.8% | 87.7% | 69.2 | 68.3 | -0.9 | -1.3% | 87.7% | 68.3 | 67.6 | -0.7 | -1.0% |
| 88.9% | 64.8 | 64.8 | -0.1 | -0.1% | 88.9% | 67.6 | 67.1 | -0.5 | -0.8% | 88.9% | 69.0 | 68.2 | -0.8 | -1.2% | 88.9% | 68.2 | 67.4 | -0.8 | -1.2% |
| 90.1% | 64.8 | 64.7 | 0.0 | -0.1% | 90.1% | 67.6 | 67.1 | -0.5 | -0.8% | 90.1% | 68.9 | 68.2 | -0.7 | -1.1% | 90.1% | 68.2 | 67.4 | -0.8 | -1.2% |
| 91.4% | 64.7 | 64.6 | -0.1 | -0.2% | 91.4% | 67.6 | 67.1 | -0.5 | -0.7% | 91.4% | 68.9 | 68.1 | -0.8 | -1.2% | 91.4% | 68.2 | 67.3 | -0.9 | -1.3% |
| 92.6% | 64.6 | 64.4 | -0.2 | -0.3% | 92.6% | 67.5 | 67.1 | -0.5 | -0.7% | 92.6% | 68.6 | 68.0 | -0.6 | -0.9% | 92.6% | 68.1 | 67.3 | -0.8 | -1.2% |
| 93.8% | 64.2 | 64.1 | 0.0 | 0.0% | 93.8% | 67.4 | 67.0 | -0.4 | -0.5% | 93.8% | 68.6 | 68.0 | -0.6 | -0.9% | 93.8% | 67.7 | 67.2 | -0.5 | -0.8% |
| 95.1% | 63.8 | 63.9 | 0.1 | 0.2% | 95.1% | 67.2 | 66.8 | -0.4 | -0.6% | 95.1% | 68.5 | 67.6 | -0.9 | -1.3% | 95.1% | 67.3 | 67.1 | -0.3 | -0.4% |
| 96.3% | 63.7 | 63.7 | 0.0 | 0.0% | 96.3% | 67.2 | 66.7 | -0.4 | -0.7% | 96.3% | 68.5 | 67.6 | -0.9 | -1.3% | 96.3% | 67.3 | 66.9 | -0.4 | -0.6% |
| 97.5% | 63.5 | 63.5 | 0.0 | 0.0% | 97.5% | 67.2 | 66.5 | -0.6 | -0.9% | 97.5% | 68.4 | 67.3 | -1.1 | -1.6% | 97.5% | 67.3 | 66.7 | -0.6 | -0.9% |
| 98.8% | 63.3 | 63.3 | 0.0 | 0.0% | 98.8% | 67.1 | 66.4 | -0.7 | -1.0% | 98.8% | 68.3 | 67.1 | -1.2 | -1.8% | 98.8% | 67.0 | 66.6 | -0.5 | -0.7% |
| 100.0% | 63.3 | 63.3 | 0.0 | 0.0% | 100.0% | 67.1 | 66.4 | -0.7 | -1.0% | 100.0% | 68.3 | 67.1 | -1.2 | -1.8% | 100.0% | 67.0 | 66.6 | -0.5 | -0.7% |

# Table SQ10-1b

American River at Watt Avenue, Monthly Temperature

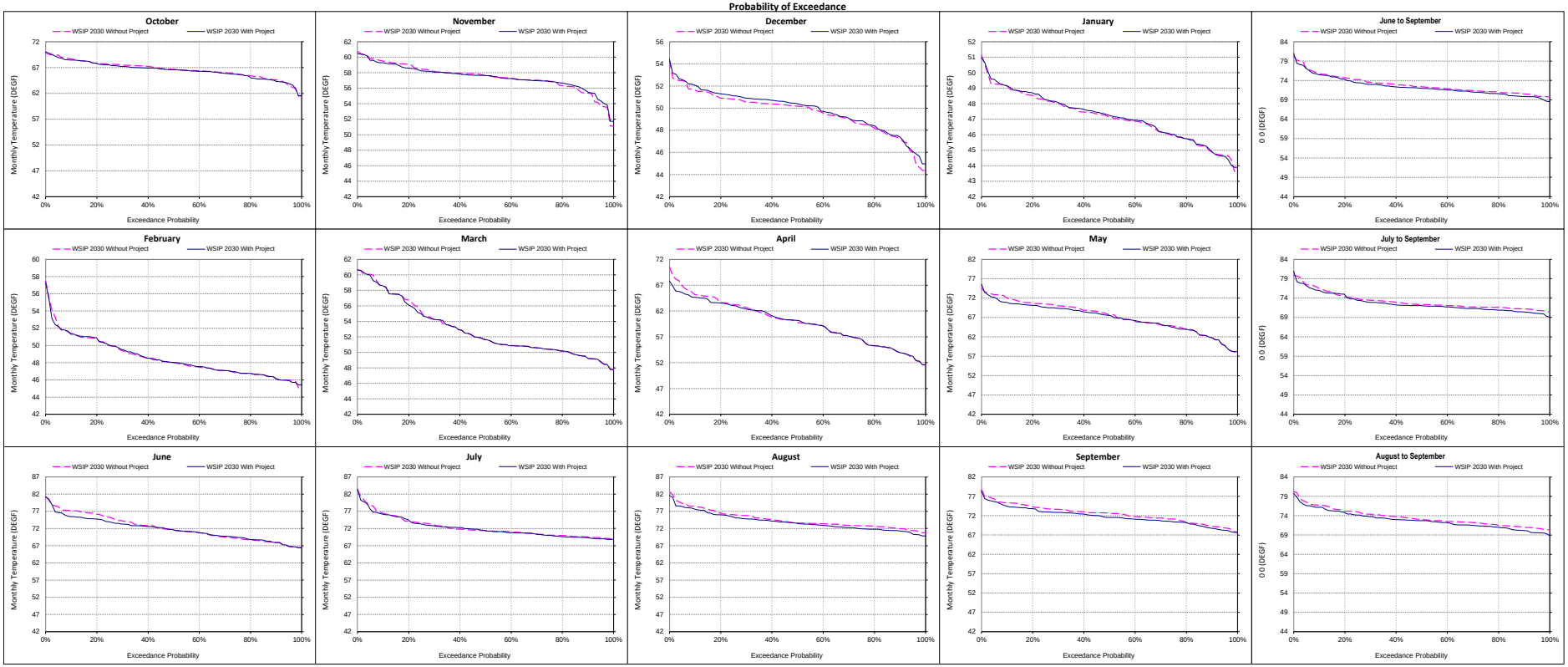
Probability of Exceedance

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 76.1 | 77.1 | 1.0 | 1.3% |
| 1.2% | 75.1 | 74.3 | -0.8 | -1.1% |
| 2.5% | 75.1 | 74.3 | -0.8 | -1.1% |
| 3.7% | 74.6 | 74.1 | -0.5 | -0.7% |
| 4.9% | 73.4 | 73.6 | 0.2 | 0.3% |
| 6.2% | 73.3 | 73.0 | -0.3 | -0.4% |
| 7.4% | 73.0 | 72.6 | -0.4 | -0.6% |
| 8.6% | 72.8 | 72.5 | -0.3 | -0.4% |
| 9.9% | 72.6 | 72.2 | -0.4 | -0.5% |
| 11.1% | 72.2 | 72.2 | 0.0 | 0.0% |
| 12.3% | 72.0 | 72.1 | 0.1 | 0.1% |
| 13.6% | 72.0 | 71.9 | -0.1 | -0.2% |
| 14.8% | 72.0 | 71.6 | -0.4 | -0.6% |
| 16.0% | 72.0 | 71.5 | -0.5 | -0.7% |
| 17.3% | 71.7 | 71.5 | -0.2 | -0.3% |
| 18.5% | 71.6 | 71.4 | -0.2 | -0.3% |
| 19.8% | 71.6 | 71.0 | -0.6 | -0.8% |
| 21.0% | 71.4 | 70.8 | -0.6 | -0.8% |
| 22.2% | 71.4 | 70.7 | -0.7 | -0.9% |
| 23.5% | 71.4 | 70.7 | -0.7 | -1.0% |
| 24.7% | 71.3 | 70.6 | -0.7 | -1.0% |
| 25.9% | 71.3 | 70.3 | -1.0 | -1.4% |
| 27.2% | 71.0 | 70.2 | -0.7 | -1.0% |
| 28.4% | 70.8 | 70.2 | -0.6 | -0.9% |
| 29.6% | 70.7 | 70.1 | -0.6 | -0.9% |
| 30.9% | 70.7 | 70.1 | -0.6 | -0.9% |
| 32.1% | 70.7 | 70.0 | -0.7 | -1.0% |
| 33.3% | 70.7 | 69.9 | -0.7 | -1.0% |
| 34.6% | 70.5 | 69.8 | -0.7 | -1.0% |
| 35.8% | 70.5 | 69.8 | -0.7 | -1.0% |
| 37.0% | 70.4 | 69.8 | -0.6 | -0.9% |
| 38.3% | 70.4 | 69.6 | -0.8 | -1.1% |
| 39.5% | 70.2 | 69.6 | -0.6 | -0.9% |
| 40.7% | 70.2 | 69.6 | -0.6 | -0.9% |
| 42.0% | 70.2 | 69.6 | -0.6 | -0.9% |
| 43.2% | 70.2 | 69.6 | -0.6 | -0.8% |
| 44.4% | 70.0 | 69.6 | -0.5 | -0.7% |
| 45.7% | 70.0 | 69.5 | -0.5 | -0.7% |
| 46.9% | 70.0 | 69.4 | -0.6 | -0.8% |
| 48.1% | 70.0 | 69.4 | -0.5 | -0.8% |
| 49.4% | 69.9 | 69.4 | -0.5 | -0.7% |
| 50.6% | 69.9 | 69.4 | -0.5 | -0.7% |
| 51.9% | 69.8 | 69.3 | -0.5 | -0.7% |
| 53.1% | 69.7 | 69.3 | -0.4 | -0.6% |
| 54.3% | 69.7 | 69.3 | -0.4 | -0.6% |
| 55.6% | 69.7 | 69.3 | -0.4 | -0.6% |
| 56.8% | 69.6 | 69.2 | -0.4 | -0.6% |
| 58.0% | 69.6 | 69.1 | -0.5 | -0.7% |
| 59.3% | 69.5 | 69.1 | -0.4 | -0.6% |
| 60.5% | 69.3 | 69.0 | -0.3 | -0.4% |
| 61.7% | 69.3 | 68.9 | -0.4 | -0.6% |
| 63.0% | 69.2 | 68.8 | -0.4 | -0.6% |
| 64.2% | 69.2 | 68.8 | -0.4 | -0.6% |
| 65.4% | 69.2 | 68.7 | -0.4 | -0.6% |
| 66.7% | 69.1 | 68.6 | -0.6 | -0.8% |
| 67.9% | 69.1 | 68.5 | -0.6 | -0.9% |
| 69.1% | 68.9 | 68.4 | -0.5 | -0.7% |
| 70.4% | 68.9 | 68.4 | -0.5 | -0.7% |
| 71.6% | 68.8 | 68.4 | -0.5 | -0.7% |
| 72.8% | 68.8 | 68.4 | -0.4 | -0.6% |
| 74.1% | 68.7 | 68.3 | -0.4 | -0.6% |
| 75.3% | 68.7 | 68.3 | -0.4 | -0.6% |
| 76.5% | 68.7 | 68.2 | -0.5 | -0.7% |
| 77.8% | 68.7 | 68.0 | -0.7 | -1.0% |
| 79.0% | 68.6 | 67.9 | -0.7 | -1.0% |
| 80.2% | 68.6 | 67.9 | -0.7 | -1.1% |
| 81.5% | 68.6 | 67.8 | -0.8 | -1.1% |
| 82.7% | 68.5 | 67.7 | -0.9 | -1.3% |
| 84.0% | 68.4 | 67.6 | -0.7 | -1.1% |
| 85.2% | 68.3 | 67.6 | -0.7 | -1.0% |
| 86.4% | 68.2 | 67.6 | -0.6 | -0.9% |
| 87.7% | 68.2 | 67.4 | -0.7 | -1.1% |
| 88.9% | 68.2 | 67.3 | -0.8 | -1.2% |
| 90.1% | 68.1 | 67.2 | -0.9 | -1.3% |
| 91.4% | 68.0 | 67.2 | -0.9 | -1.3% |
| 92.6% | 68.0 | 67.2 | -0.8 | -1.2% |
| 93.8% | 67.9 | 67.1 | -0.8 | -1.1% |
| 95.1% | 67.7 | 66.8 | -0.9 | -1.3% |
| 96.3% | 67.7 | 66.7 | -1.0 | -1.4% |
| 97.5% | 67.6 | 66.5 | -1.1 | -1.6% |
| 98.8% | 67.4 | 66.5 | -0.9 | -1.3% |
| 100.0% | 67.4 | 65.9 | -1.4 | -2.1% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 76.1 | 77.1 | 1.0 | 1.3% |
| 1.2% | 75.6 | 74.3 | -1.3 | -1.7% |
| 2.5% | 75.4 | 74.1 | -1.3 | -1.8% |
| 3.7% | 74.1 | 73.8 | -0.3 | -0.4% |
| 4.9% | 73.9 | 73.5 | -0.4 | -0.5% |
| 6.2% | 73.8 | 73.1 | -0.7 | -0.9% |
| 7.4% | 73.7 | 73.0 | -0.6 | -0.8% |
| 8.6% | 73.6 | 72.8 | -0.8 | -1.1% |
| 9.9% | 73.2 | 72.6 | -0.5 | -0.7% |
| 11.1% | 73.1 | 72.5 | -0.5 | -0.7% |
| 12.3% | 72.7 | 72.2 | -0.5 | -0.6% |
| 13.6% | 72.6 | 72.2 | -0.4 | -0.6% |
| 14.8% | 72.6 | 72.2 | -0.4 | -0.6% |
| 16.0% | 72.1 | 72.1 | 0.1 | 0.1% |
| 17.3% | 71.9 | 72.1 | 0.2 | 0.2% |
| 18.5% | 71.7 | 72.1 | 0.3 | 0.5% |
| 19.8% | 71.5 | 72.0 | 0.5 | 0.7% |
| 21.0% | 71.4 | 71.1 | -0.3 | -0.4% |
| 22.2% | 71.4 | 71.1 | -0.3 | -0.4% |
| 23.5% | 71.3 | 71.0 | -0.3 | -0.4% |
| 24.7% | 71.1 | 70.7 | -0.5 | -0.7% |
| 25.9% | 70.9 | 70.5 | -0.5 | -0.7% |
| 27.2% | 70.9 | 70.4 | -0.5 | -0.7% |
| 28.4% | 70.8 | 70.4 | -0.4 | -0.6% |
| 29.6% | 70.8 | 70.3 | -0.4 | -0.6% |
| 30.9% | 70.7 | 70.3 | -0.4 | -0.6% |
| 32.1% | 70.6 | 70.3 | -0.4 | -0.5% |
| 33.3% | 70.5 | 70.1 | -0.4 | -0.6% |
| 34.6% | 70.5 | 69.9 | -0.6 | -0.8% |
| 35.8% | 70.5 | 69.9 | -0.6 | -0.9% |
| 37.0% | 70.4 | 69.7 | -0.8 | -1.1% |
| 38.3% | 70.4 | 69.5 | -0.9 | -1.2% |
| 39.5% | 70.3 | 69.5 | -0.7 | -1.1% |
| 40.7% | 70.2 | 69.5 | -0.8 | -1.1% |
| 42.0% | 70.2 | 69.5 | -0.8 | -1.1% |
| 43.2% | 70.2 | 69.4 | -0.8 | -1.1% |
| 44.4% | 70.1 | 69.4 | -0.7 | -1.0% |
| 45.7% | 70.0 | 69.4 | -0.6 | -0.9% |
| 46.9% | 70.0 | 69.4 | -0.6 | -0.8% |
| 48.1% | 70.0 | 69.4 | -0.6 | -0.9% |
| 49.4% | 70.0 | 69.3 | -0.6 | -0.9% |
| 50.6% | 69.9 | 69.3 | -0.6 | -0.8% |
| 51.9% | 69.9 | 69.3 | -0.6 | -0.8% |
| 53.1% | 69.9 | 69.3 | -0.6 | -0.8% |
| 54.3% | 69.9 | 69.3 | -0.6 | -0.8% |
| 55.6% | 69.8 | 69.3 | -0.5 | -0.8% |
| 56.8% | 69.8 | 69.2 | -0.6 | -0.8% |
| 58.0% | 69.8 | 69.2 | -0.6 | -0.8% |
| 59.3% | 69.7 | 69.2 | -0.6 | -0.8% |
| 60.5% | 69.7 | 69.1 | -0.6 | -0.8% |
| 61.7% | 69.7 | 69.1 | -0.5 | -0.8% |
| 63.0% | 69.6 | 69.1 | -0.5 | -0.7% |
| 64.2% | 69.6 | 69.1 | -0.5 | -0.7% |
| 65.4% | 69.6 | 69.1 | -0.5 | -0.7% |
| 66.7% | 69.6 | 69.0 | -0.5 | -0.8% |
| 67.9% | 69.5 | 68.9 | -0.6 | -0.9% |
| 69.1% | 69.5 | 68.9 | -0.6 | -0.9% |
| 70.4% | 69.5 | 68.9 | -0.7 | -1.0% |
| 71.6% | 69.5 | 68.8 | -0.8 | -1.1% |
| 72.8% | 69.5 | 68.7 | -0.8 | -1.1% |
| 74.1% | 69.5 | 68.7 | -0.7 | -1.1% |
| 75.3% | 69.4 | 68.7 | -0.8 | -1.1% |
| 76.5% | 69.4 | 68.6 | -0.8 | -1.1% |
| 77.8% | 69.4 | 68.6 | -0.8 | -1.2% |
| 79.0% | 69.4 | 68.6 | -0.9 | -1.2% |
| 80.2% | 69.4 | 68.5 | -0.8 | -1.2% |
| 81.5% | 69.4 | 68.4 | -0.9 | -1.3% |
| 82.7% | 69.3 | 68.4 | -0.9 | -1.3% |
| 84.0% | 69.3 | 68.4 | -0.9 | -1.3% |
| 85.2% | 69.3 | 68.3 | -0.9 | -1.3% |
| 86.4% | 69.2 | 68.2 | -1.0 | -1.4% |
| 87.7% | 69.1 | 68.2 | -0.9 | -1.3% |
| 88.9% | 69.1 | 68.2 | -1.0 | -1.4% |
| 90.1% | 69.1 | 68.0 | -1.1 | -1.6% |
| 91.4% | 69.1 | 68.0 | -1.1 | -1.6% |
| 92.6% | 69.1 | 68.0 | -1.1 | -1.6% |
| 93.8% | 68.7 | 67.8 | -1.0 | -1.4% |
| 95.1% | 68.7 | 67.8 | -0.9 | -1.4% |
| 96.3% | 68.7 | 67.6 | -1.1 | -1.6% |
| 97.5% | 68.7 | 67.6 | -1.1 | -1.6% |
| 98.8% | 68.6 | 67.2 | -1.4 | -2.1% |
| 100.0% | 68.3 | 66.7 | -1.6 | -2.4% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 76.6 | 75.9 | -0.6 | -0.8% |
| 1.2% | 75.1 | 74.5 | -0.6 | -0.8% |
| 2.5% | 74.6 | 73.8 | -0.8 | -1.0% |
| 3.7% | 74.0 | 73.4 | -0.6 | -0.8% |
| 4.9% | 73.9 | 73.1 | -0.8 | -1.0% |
| 6.2% | 73.4 | 73.1 | -0.3 | -0.4% |
| 7.4% | 73.3 | 73.0 | -0.3 | -0.4% |
| 8.6% | 73.3 | 72.8 | -0.4 | -0.6% |
| 9.9% | 73.1 | 72.7 | -0.4 | -0.5% |
| 11.1% | 73.1 | 72.7 | -0.4 | -0.6% |
| 12.3% | 73.0 | 72.4 | -0.6 | -0.8% |
| 13.6% | 73.0 | 72.3 | -0.6 | -0.9% |
| 14.8% | 72.5 | 72.3 | -0.2 | -0.3% |
| 16.0% | 72.4 | 72.3 | -0.1 | -0.2% |
| 17.3% | 72.3 | 72.1 | -0.2 | -0.3% |
| 18.5% | 72.3 | 71.9 | -0.4 | -0.5% |
| 19.8% | 72.2 | 71.8 | -0.4 | -0.6% |
| 21.0% | 72.1 | 71.7 | -0.5 | -0.7% |
| 22.2% | 72.1 | 71.5 | -0.6 | -0.8% |
| 23.5% | 72.1 | 71.5 | -0.6 | -0.8% |
| 24.7% | 72.0 | 71.4 | -0.6 | -0.9% |
| 25.9% | 71.8 | 71.3 | -0.5 | -0.7% |
| 27.2% | 71.7 | 71.2 | -0.5 | -0.7% |
| 28.4% | 71.5 | 71.1 | -0.4 | -0.6% |
| 29.6% | 71.5 | 71.0 | -0.5 | -0.6% |
| 30.9% | 71.5 | 70.9 | -0.6 | -0.8% |
| 32.1% | 71.3 | 70.9 | -0.5 | -0.6% |
| 33.3% | 71.3 | 70.7 | -0.6 | -0.8% |
| 34.6% | 71.2 | 70.6 | -0.6 | -0.8% |
| 35.8% | 71.2 | 70.6 | -0.6 | -0.8% |
| 37.0% | 71.2 | 70.6 | -0.6 | -0.8% |
| 38.3% | 71.2 | 70.5 | -0.7 | -1.0% |
| 39.5% | 71.2 | 70.4 | -0.7 | -1.1% |
| 40.7% | 71.1 | 70.4 | -0.7 | -1.0% |
| 42.0% | 71.1 | 70.4 | -0.7 | -0.9% |
| 43.2% | 71.0 | 70.4 | -0.6 | -0.8% |
| 44.4% | 70.9 | 70.4 | -0.5 | -0.7% |
| 45.7% | 70.8 | 70.3 | -0.4 | -0.6% |
| 46.9% | 70.7 | 70.3 | -0.4 | -0.6% |
| 48.1% | 70.7 | 70.3 | -0.4 | -0.6% |
| 49.4% | 70.7 | 70.2 | -0.4 | -0.6% |
| 50.6% | 70.5 | 70.2 | -0.3 | -0.4% |
| 51.9% | 70.5 | 70.2 | -0.3 | -0.5% |
| 53.1% | 70.4 | 70.1 | -0.3 | -0.4% |
| 54.3% | 70.4 | 70.1 | -0.3 | -0.4% |
| 55.6% | 70.4 | 69.9 | -0.4 | -0.6% |
| 56.8% | 70.3 | 69.9 | -0.4 | -0.6% |
| 58.0% | 70.3 | 69.9 | -0.4 | -0.5% |
| 59.3% | 70.2 | 69.9 | -0.4 | -0.5% |
| 60.5% | 70.2 | 69.6 | -0.6 | -0.8% |
| 61.7% | 70.2 | 69.6 | -0.7 | -0.9% |
| 63.0% | 70.2 | 69.5 | -0.7 | -0.9% |
| 64.2% | 70.1 | 69.3 | -0.9 | -1.3% |
| 65.4% | 70.1 | 69.2 | -0.9 | -1.3% |
| 66.7% | 70.1 | 69.1 | -0.9 | -1.3% |
| 67.9% | 70.0 | 69.1 | -0.9 | -1.3% |
| 69.1% | 70.0 | 69.1 | -0.9 | -1.3% |
| 70.4% | 70.0 | 69.0 | -1.0 | -1.4% |
| 71.6% | 69.9 | 69.0 | -0.9 | -1.3% |
| 72.8% | 69.8 | 68.9 | -0.9 | -1.4% |
| 74.1% | 69.7 | 68.8 | -0.9 | -1.3% |
| 75.3% | 69.7 | 68.8 | -0.8 | -1.2% |
| 76.5% | 69.6 | 68.8 | -0.8 | -1.1% |
| 77.8% | 69.6 | 68.8 | -0.9 | -1.2% |
| 79.0% | 69.6 | 68.7 | -0.9 | -1.3% |
| 80.2% | 69.6 | 68.7 | -0.9 | -1.3% |
| 81.5% | 69.6 | 68.6 | -0.9 | -1.3% |
| 82.7% | 69.6 | 68.5 | -1.1 | -1.5% |
| 84.0% | 69.3 | 68.4 | -0.9 | -1.3% |
| 85.2% | 69.3 | 68.2 | -1.0 | -1.5% |
| 86.4% | 69.2 | 68.2 | -1.0 | -1.4% |
| 87.7% | 69.2 | 68.0 | -1.1 | -1.6% |
| 88.9% | 69.1 | 67.9 | -1.2 | -1.7% |
| 90.1% | 68.9 | 67.8 | -1.1 | -1.6% |
| 91.4% | 68.9 | 67.7 | -1.2 | -1.8% |
| 92.6% | 68.9 | 67.7 | -1.2 | -1.7% |
| 93.8% | 68.9 | 67.7 | -1.2 | -1.7% |
| 95.1% | 68.7 | 67.6 | -1.1 | -1.6% |
| 96.3% | 68.7 | 67.5 | -1.2 | -1.7% |
| 97.5% | 68.7 | 67.4 | -1.2 | -1.8% |
| 98.8% | 68.3 | 67.3 | -1.0 | -1.5% |
| 100.0% | 67.8 | 66.5 | -1.4 | -2.0% |

**Figure SQ11-1b**
**American River at the Mouth, Monthly Temperature**
**Probability of Exceedance**



## Table SQ11-1b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 69.9 | 70.1 | 0.2 | 0.3% | 0.0% | 60.7 | 60.5 | -0.3 | -0.4% | 0.0% | 54.3 | 54.4 | 0.2 | 0.3% | 0.0% | 51.1 | 51.0 | -0.2 | -0.3% |
| 1.2% | 69.6 | 69.8 | 0.2 | 0.3% | 1.2% | 60.5 | 60.4 | -0.1 | -0.1% | 1.2% | 52.7 | 53.2 | 0.4 | 0.8% | 1.2% | 50.5 | 50.7 | 0.1 | 0.3% |
| 2.5% | 69.5 | 69.6 | 0.1 | 0.1% | 2.5% | 60.3 | 60.4 | 0.0 | 0.1% | 2.5% | 52.6 | 53.1 | 0.5 | 0.9% | 2.5% | 49.9 | 50.1 | 0.2 | 0.3% |
| 3.7% | 69.5 | 69.2 | -0.2 | -0.3% | 3.7% | 60.3 | 60.2 | -0.1 | -0.2% | 3.7% | 52.5 | 52.6 | 0.1 | 0.3% | 3.7% | 49.3 | 49.6 | 0.3 | 0.6% |
| 4.9% | 69.4 | 68.9 | -0.5 | -0.7% | 4.9% | 59.8 | 59.6 | -0.2 | -0.3% | 4.9% | 52.5 | 52.6 | 0.1 | 0.2% | 4.9% | 49.3 | 49.6 | 0.3 | 0.6% |
| 6.2% | 69.0 | 68.8 | -0.2 | -0.3% | 6.2% | 59.8 | 59.6 | -0.2 | -0.3% | 6.2% | 52.4 | 52.4 | 0.0 | 0.1% | 6.2% | 49.3 | 49.4 | 0.2 | 0.3% |
| 7.4% | 68.9 | 68.6 | -0.4 | -0.5% | 7.4% | 59.7 | 59.4 | -0.3 | -0.5% | 7.4% | 51.7 | 52.2 | 0.5 | 0.9% | 7.4% | 49.3 | 49.3 | 0.0 | 0.0% |
| 8.6% | 68.8 | 68.5 | -0.3 | -0.4% | 8.6% | 59.6 | 59.3 | -0.3 | -0.5% | 8.6% | 51.7 | 52.2 | 0.4 | 0.9% | 8.6% | 49.3 | 49.2 | 0.0 | -0.1% |
| 9.9% | 68.7 | 68.5 | -0.2 | -0.3% | 9.9% | 59.5 | 59.3 | -0.2 | -0.4% | 9.9% | 51.6 | 52.1 | 0.4 | 0.8% | 9.9% | 49.2 | 49.2 | 0.0 | 0.0% |
| 11.1% | 68.6 | 68.4 | -0.1 | -0.2% | 11.1% | 59.4 | 59.2 | -0.2 | -0.3% | 11.1% | 51.5 | 51.9 | 0.4 | 0.8% | 11.1% | 48.9 | 49.1 | 0.1 | 0.3% |
| 12.3% | 68.4 | 68.4 | 0.0 | 0.0% | 12.3% | 59.4 | 59.2 | -0.2 | -0.4% | 12.3% | 51.5 | 51.7 | 0.2 | 0.3% | 12.3% | 48.9 | 48.9 | 0.0 | 0.0% |
| 13.6% | 68.3 | 68.3 | -0.1 | -0.1% | 13.6% | 59.3 | 59.1 | -0.1 | -0.2% | 13.6% | 51.5 | 51.6 | 0.2 | 0.3% | 13.6% | 48.9 | 48.9 | 0.0 | 0.0% |
| 14.8% | 68.3 | 68.3 | 0.0 | 0.0% | 14.8% | 59.3 | 59.1 | -0.1 | -0.2% | 14.8% | 51.5 | 51.6 | 0.2 | 0.3% | 14.8% | 48.8 | 48.8 | 0.0 | 0.1% |
| 16.0% | 68.1 | 68.3 | 0.1 | 0.2% | 16.0% | 59.2 | 59.0 | -0.2 | -0.3% | 16.0% | 51.4 | 51.5 | 0.1 | 0.3% | 16.0% | 48.7 | 48.8 | 0.1 | 0.2% |
| 17.3% | 68.1 | 68.1 | 0.1 | 0.1% | 17.3% | 59.2 | 58.7 | -0.4 | -0.7% | 17.3% | 51.1 | 51.4 | 0.3 | 0.5% | 17.3% | 48.6 | 48.8 | 0.2 | 0.4% |
| 18.5% | 67.9 | 67.9 | 0.0 | 0.0% | 18.5% | 59.1 | 58.6 | -0.5 | -0.8% | 18.5% | 51.1 | 51.3 | 0.3 | 0.5% | 18.5% | 48.6 | 48.7 | 0.2 | 0.4% |
| 19.8% | 67.8 | 67.8 | 0.0 | -0.1% | 19.8% | 59.1 | 58.6 | -0.5 | -0.8% | 19.8% | 50.9 | 51.3 | 0.4 | 0.8% | 19.8% | 48.5 | 48.7 | 0.2 | 0.3% |
| 21.0% | 67.8 | 67.6 | -0.2 | -0.3% | 21.0% | 59.0 | 58.6 | -0.4 | -0.7% | 21.0% | 50.9 | 51.3 | 0.4 | 0.7% | 21.0% | 48.4 | 48.6 | 0.2 | 0.5% |
| 22.2% | 67.8 | 67.6 | -0.2 | -0.3% | 22.2% | 58.6 | 58.5 | -0.1 | -0.2% | 22.2% | 50.9 | 51.2 | 0.4 | 0.7% | 22.2% | 48.3 | 48.6 | 0.3 | 0.6% |
| 23.5% | 67.7 | 67.5 | -0.1 | -0.2% | 23.5% | 58.6 | 58.4 | -0.2 | -0.3% | 23.5% | 50.8 | 51.2 | 0.4 | 0.7% | 23.5% | 48.3 | 48.4 | 0.1 | 0.3% |
| 24.7% | 67.7 | 67.5 | -0.2 | -0.2% | 24.7% | 58.5 | 58.2 | -0.3 | -0.4% | 24.7% | 50.8 | 51.1 | 0.3 | 0.6% | 24.7% | 48.2 | 48.3 | 0.1 | 0.2% |
| 25.9% | 67.6 | 67.4 | -0.2 | -0.4% | 25.9% | 58.4 | 58.2 | -0.2 | -0.4% | 25.9% | 50.8 | 51.1 | 0.3 | 0.6% | 25.9% | 48.2 | 48.2 | 0.1 | 0.1% |
| 27.2% | 67.6 | 67.4 | -0.2 | -0.4% | 27.2% | 58.4 | 58.2 | -0.2 | -0.4% | 27.2% | 50.8 | 51.0 | 0.3 | 0.5% | 27.2% | 48.1 | 48.2 | 0.0 | 0.1% |
| 28.4% | 67.6 | 67.3 | -0.3 | -0.4% | 28.4% | 58.2 | 58.2 | 0.0 | -0.1% | 28.4% | 50.7 | 51.0 | 0.3 | 0.6% | 28.4% | 48.1 | 48.2 | 0.1 | 0.2% |
| 29.6% | 67.5 | 67.2 | -0.3 | -0.4% | 29.6% | 58.2 | 58.1 | -0.1 | -0.2% | 29.6% | 50.6 | 50.9 | 0.3 | 0.7% | 29.6% | 48.0 | 48.1 | 0.1 | 0.1% |
| 30.9% | 67.5 | 67.2 | -0.2 | -0.4% | 30.9% | 58.1 | 58.1 | 0.0 | 0.0% | 30.9% | 50.6 | 50.9 | 0.3 | 0.7% | 30.9% | 48.0 | 48.0 | 0.0 | 0.0% |
| 32.1% | 67.5 | 67.1 | -0.3 | -0.5% | 32.1% | 58.1 | 58.1 | 0.0 | 0.0% | 32.1% | 50.5 | 50.9 | 0.3 | 0.7% | 32.1% | 47.8 | 48.0 | 0.1 | 0.3% |
| 33.3% | 67.4 | 67.0 | -0.4 | -0.6% | 33.3% | 58.0 | 58.0 | 0.0 | 0.0% | 33.3% | 50.5 | 50.8 | 0.3 | 0.6% | 33.3% | 47.8 | 47.8 | 0.0 | 0.1% |
| 34.6% | 67.4 | 67.0 | -0.4 | -0.6% | 34.6% | 58.0 | 58.0 | 0.0 | -0.1% | 34.6% | 50.4 | 50.8 | 0.4 | 0.7% | 34.6% | 47.7 | 47.8 | 0.0 | 0.1% |
| 35.8% | 67.4 | 67.0 | -0.4 | -0.5% | 35.8% | 58.0 | 58.0 | 0.0 | -0.1% | 35.8% | 50.4 | 50.8 | 0.4 | 0.8% | 35.8% | 47.7 | 47.7 | 0.0 | 0.1% |
| 37.0% | 67.3 | 67.0 | -0.4 | -0.6% | 37.0% | 58.0 | 57.9 | 0.0 | -0.1% | 37.0% | 50.4 | 50.8 | 0.4 | 0.7% | 37.0% | 47.7 | 47.7 | 0.0 | 0.1% |
| 38.3% | 67.3 | 66.9 | -0.3 | -0.5% | 38.3% | 58.0 | 57.9 | 0.0 | -0.1% | 38.3% | 50.4 | 50.8 | 0.4 | 0.7% | 38.3% | 47.5 | 47.7 | 0.2 | 0.5% |
| 39.5% | 67.2 | 66.9 | -0.3 | -0.5% | 39.5% | 57.9 | 57.9 | -0.1 | -0.1% | 39.5% | 50.4 | 50.7 | 0.3 | 0.6% | 39.5% | 47.5 | 47.7 | 0.2 | 0.4% |
| 40.7% | 67.2 | 66.9 | -0.3 | -0.4% | 40.7% | 57.9 | 57.8 | -0.1 | -0.2% | 40.7% | 50.4 | 50.7 | 0.3 | 0.7% | 40.7% | 47.5 | 47.6 | 0.1 | 0.3% |
| 42.0% | 67.1 | 66.9 | -0.2 | -0.3% | 42.0% | 57.9 | 57.8 | -0.1 | -0.2% | 42.0% | 50.3 | 50.6 | 0.3 | 0.6% | 42.0% | 47.4 | 47.6 | 0.1 | 0.2% |
| 43.2% | 66.9 | 66.9 | -0.1 | -0.1% | 43.2% | 57.9 | 57.7 | -0.2 | -0.3% | 43.2% | 50.3 | 50.6 | 0.3 | 0.6% | 43.2% | 47.4 | 47.5 | 0.1 | 0.2% |
| 44.4% | 66.9 | 66.7 | -0.2 | -0.3% | 44.4% | 57.9 | 57.7 | -0.2 | -0.3% | 44.4% | 50.3 | 50.6 | 0.3 | 0.6% | 44.4% | 47.4 | 47.5 | 0.1 | 0.2% |
| 45.7% | 66.8 | 66.7 | -0.2 | -0.2% | 45.7% | 57.9 | 57.7 | -0.2 | -0.3% | 45.7% | 50.3 | 50.5 | 0.3 | 0.5% | 45.7% | 47.3 | 47.4 | 0.1 | 0.2% |
| 46.9% | 66.7 | 66.7 | -0.1 | -0.1% | 46.9% | 57.9 | 57.7 | -0.2 | -0.3% | 46.9% | 50.2 | 50.5 | 0.3 | 0.5% | 46.9% | 47.3 | 47.4 | 0.1 | 0.2% |
| 48.1% | 66.7 | 66.6 | -0.1 | -0.2% | 48.1% | 57.8 | 57.7 | -0.1 | -0.2% | 48.1% | 50.2 | 50.5 | 0.2 | 0.5% | 48.1% | 47.3 | 47.3 | 0.1 | 0.1% |
| 49.4% | 66.7 | 66.6 | -0.1 | -0.1% | 49.4% | 57.6 | 57.6 | 0.0 | 0.0% | 49.4% | 50.2 | 50.4 | 0.2 | 0.5% | 49.4% | 47.2 | 47.3 | 0.1 | 0.2% |
| 50.6% | 66.6 | 66.6 | 0.0 | -0.1% | 50.6% | 57.6 | 57.6 | 0.1 | 0.1% | 50.6% | 50.2 | 50.4 | 0.2 | 0.4% | 50.6% | 47.2 | 47.2 | 0.1 | 0.1% |
| 51.9% | 66.6 | 66.6 | 0.0 | 0.0% | 51.9% | 57.5 | 57.6 | 0.1 | 0.1% | 51.9% | 50.1 | 50.3 | 0.1 | 0.2% | 51.9% | 47.1 | 47.2 | 0.1 | 0.2% |
| 53.1% | 66.5 | 66.5 | -0.1 | -0.1% | 53.1% | 57.5 | 57.5 | 0.0 | 0.0% | 53.1% | 50.1 | 50.2 | 0.1 | 0.3% | 53.1% | 47.0 | 47.1 | 0.1 | 0.2% |
| 54.3% | 66.5 | 66.5 | 0.0 | 0.0% | 54.3% | 57.4 | 57.5 | 0.0 | 0.1% | 54.3% | 50.1 | 50.2 | 0.1 | 0.2% | 54.3% | 47.0 | 47.1 | 0.1 | 0.2% |
| 55.6% | 66.5 | 66.4 | 0.0 | -0.1% | 55.6% | 57.4 | 57.3 | 0.0 | -0.1% | 55.6% | 49.9 | 50.2 | 0.4 | 0.7% | 55.6% | 47.0 | 47.1 | 0.1 | 0.2% |
| 56.8% | 66.4 | 66.3 | -0.1 | -0.2% | 56.8% | 57.4 | 57.3 | -0.1 | -0.1% | 56.8% | 49.8 | 50.2 | 0.3 | 0.7% | 56.8% | 46.9 | 47.0 | 0.1 | 0.2% |
| 58.0% | 66.4 | 66.3 | -0.1 | -0.1% | 58.0% | 57.4 | 57.3 | -0.1 | -0.2% | 58.0% | 49.8 | 50.1 | 0.3 | 0.7% | 58.0% | 46.9 | 47.0 | 0.1 | 0.1% |
| 59.3% | 66.4 | 66.3 | -0.1 | -0.2% | 59.3% | 57.3 | 57.3 | -0.1 | -0.1% | 59.3% | 49.6 | 49.7 | 0.1 | 0.2% | 59.3% | 46.9 | 46.9 | 0.0 | 0.1% |
| 60.5% | 66.4 | 66.3 | -0.1 | -0.1% | 60.5% | 57.2 | 57.2 | 0.0 | 0.0% | 60.5% | 49.5 | 49.7 | 0.2 | 0.4% | 60.5% | 46.9 | 46.9 | 0.1 | 0.2% |
| 61.7% | 66.3 | 66.3 | -0.1 | -0.1% | 61.7% | 57.2 | 57.1 | -0.1 | -0.1% | 61.7% | 49.4 | 49.6 | 0.2 | 0.4% | 61.7% | 46.8 | 46.9 | 0.1 | 0.2% |
| 63.0% | 66.3 | 66.2 | -0.1 | -0.1% | 63.0% | 57.1 | 57.1 | 0.0 | 0.0% | 63.0% | 49.4 | 49.6 | 0.2 | 0.4% | 63.0% | 46.7 | 46.9 | 0.2 | 0.4% |
| 64.2% | 66.3 | 66.2 | -0.1 | -0.1% | 64.2% | 57.1 | 57.1 | 0.0 | 0.0% | 64.2% | 49.3 | 49.5 | 0.2 | 0.3% | 64.2% | 46.7 | 46.8 | 0.1 | 0.1% |
| 65.4% | 66.2 | 66.1 | -0.1 | -0.2% | 65.4% | 57.1 | 57.1 | 0.0 | 0.0% | 65.4% | 49.3 | 49.4 | 0.1 | 0.2% | 65.4% | 46.6 | 46.7 | 0.0 | 0.1% |
| 66.7% | 66.1 | 66.1 | 0.0 | -0.1% | 66.7% | 57.1 | 57.0 | 0.0 | -0.1% | 66.7% | 49.2 | 49.3 | 0.0 | 0.1% | 66.7% | 46.5 | 46.6 | 0.1 | 0.3% |
| 67.9% | 66.1 | 66.0 | -0.2 | -0.2% | 67.9% | 57.1 | 57.0 | 0.0 | -0.1% | 67.9% | 49.1 | 49.2 | 0.1 | 0.1% | 67.9% | 46.4 | 46.5 | 0.1 | 0.3% |
| 69.1% | 66.1 | 65.9 | -0.2 | -0.3% | 69.1% | 57.0 | 57.0 | -0.1 | -0.1% | 69.1% | 49.1 | 49.2 | 0.1 | 0.2% | 69.1% | 46.2 | 46.2 | 0.0 | 0.0% |
| 70.4% | 66.0 | 65.9 | -0.1 | -0.2% | 70.4% | 57.0 | 57.0 | -0.1 | -0.1% | 70.4% | 49.0 | 49.0 | 0.0 | 0.0% | 70.4% | 46.1 | 46.2 | 0.0 | 0.1% |
| 71.6% | 66.0 | 65.8 | -0.2 | -0.3% | 71.6% | 57.0 | 57.0 | -0.1 | -0.1% | 71.6% | 48.8 | 48.9 | 0.1 | 0.2% | 71.6% | 46.1 | 46.1 | 0.0 | 0.1% |
| 72.8% | 66.0 | 65.8 | -0.2 | -0.3% | 72.8% | 57.0 | 56.9 | 0.0 | 0.0% | 72.8% | 48.6 | 48.9 | 0.2 | 0.5% | 72.8% | 46.1 | 46.1 | 0.1 | 0.1% |
| 74.1% | 65.9 | 65.7 | -0.2 | -0.3% | 74.1% | 56.9 | 56.9 | 0.0 | 0.0% | 74.1% | 48.6 | 48.9 | 0.2 | 0.5% | 74.1% | 46.0 | 46.0 | 0.0 | 0.1% |
| 75.3% | 65.7 | 65.7 | 0.0 | 0.0% | 75.3% | 56.9 | 56.8 | -0.1 | -0.1% | 75.3% | 48.5 | 48.8 | 0.3 | 0.7% | 75.3% | 45.9 | 46.0 | 0.1 | 0.2% |
| 76.5% | 65.6 | 65.6 | 0.1 | 0.1% | 76.5% | 56.9 | 56.8 | 0.0 | 0.0% | 76.5% | 48.5 | 48.7 | 0.2 | 0.4% | 76.5% | 45.9 | 45.8 | 0.0 | -0.1% |
| 77.8% | 65.5 | 65.4 | -0.1 | -0.2% | 77.8% | 56.7 | 56.8 | 0.1 | 0.2% | 77.8% | 48.5 | 48.5 | 0.0 | 0.0% | 77.8% | 45.8 | 45.8 | 0.0 | 0.0% |
| 79.0% | 65.5 | 65.4 | -0.1 | -0.1% | 79.0% | 56.3 | 56.7 | 0.4 | 0.6% | 79.0% | 48.3 | 48.5 | 0.1 | 0.3% | 79.0% | 45.8 | 45.8 | 0.0 | 0.0% |
| 80.2% | 65.4 | 65.0 | -0.4 | -0.6% | 80.2% | 56.3 | 56.7 | 0.3 | 0.6% | 80.2% | 48.1 | 48.4 | 0.2 | 0.4% | 80.2% | 45.7 | 45.7 | 0.0 | 0.0% |
| 81.5% | 65.3 | 64.9 | -0.3 | -0.5% | 81.5% | 56.2 | 56.6 | 0.3 | 0.6% | 81.5% | 48.1 | 48.1 | 0.0 | 0.1% | 81.5% | 45.7 | 45.7 | -0.1 | -0.1% |
| 82.7% | 65.3 | 64.8 | -0.5 | -0.8% | 82.7% | 56.2 | 56.5 | 0.3 | 0.5% | 82.7% | 47.9 | 48.0 | 0.1 | 0.2% | 82.7% | 45.7 | 45.6 | 0.0 | -0.1% |
| 84.0% | 65.2 | 64.8 | -0.5 | -0.7% | 84.0% | 56.2 | 56.4 | 0.2 | 0.4% | 84.0% | 47.8 | 47.9 | 0.1 | 0.3% | 84.0% | 45.3 | 45.4 | 0.0 | 0.1% |
| 85.2% | 64.9 | 64.8 | -0.1 | -0.2% | 85.2% | 56.1 | 56.3 | 0.2 | 0.3% | 85.2% | 47.6 | 47.7 | 0.2 | 0.4% | 85.2% | 45.3 | 45.4 | 0.1 | 0.2% |
| 86.4% | 64.8 | 64.7 | -0.1 | -0.1% | 86.4% | 55.7 | 56.2 | 0.5 | 0.9% | 86.4% | 47.5 | 47.6 | 0.1 | 0.2% | 86.4% | 45.3 | 45.3 | 0.1 | 0.1% |
| 87.7% | 64.8 | 64.6 | -0.1 | -0.2% | 87.7% | 55.4 | 56.0 | 0.6 | 1.0% | 87.7% | 47.4 | 47.5 | 0.1 | 0.2% | 87.7% | 45.3 | 45.3 | 0.0 | 0.0% |
| 88.9% | 64.6 | 64.6 | -0.1 | -0.1% | 88.9% | 55.4 | 55.7 | 0.4 | 0.7% | 88.9% | 47.4 | 47.5 | 0.2 | 0.3% | 88.9% | 45.0 | 45.1 | 0.1 | 0.2% |
| 90.1% | 64.6 | 64.3 | -0.3 | -0.4% | 90.1% | 55.4 | 55.5 | 0.1 | 0.3% | 90.1% | 47.3 | 47.4 | 0.1 | 0.1% | 90.1% | 44.9 | 44.9 | 0.0 | 0.0% |
| 91.4% | 64.5 | 64.2 | -0.2 | -0.4% | 91.4% | 55.3 | 55.4 | 0.1 | 0.1% | 91.4% | 46.9 | 47.0 | 0.1 | 0.2% | 91.4% | 44.8 | 44.7 | 0.0 | -0.1% |
| 92.6% | 64.3 | 64.2 | -0.1 | -0.2% | 92.6% | 54.2 | 55.4 | 1.1 | 2.1% | 92.6% | 46.9 | 46.6 | -0.3 | -0.7% | 92.6% | 44.7 | 44.7 | -0.1 | -0.2% |
| 93.8% | 64.0 | 64.1 | 0.1 | 0.2% | 93.8% | 54.2 | 54.6 | 0.4 | 0.7% | 93.8% | 46.2 | 46.4 | 0.2 | 0.4% | 93.8% | 44.7 | 44.6 | -0.1 | -0.2% |
| 95.1% | 63.5 | 63.9 | 0.4 | 0.7% | 95.1% | 53.7 | 54.4 | 0.7 | 1.3% | 95.1% | 46.0 | 46.0 | 0.1 | 0.1% | 95.1% | 44.6 | 44.6 | 0.0 | -0.1% |
| 96.3% | 63.2 | 63.6 | 0.4 | 0.6% | 96.3% | 53.6 | 54.0 | 0.4 | 0.7% | 96.3% | 44.9 | 45.8 | 0.9 | 2.1% | 96.3% | 44.6 | 44.4 | -0.2 | -0.5% |
| 97.5% | 62.9 | 63.0 | 0.1 | 0.2% | 97.5% | 53.5 | 53.9 | 0.3 | 0.6% | 97.5% | 44.6 | 45.6 | 1.0 | 2.2% | 97.5% | 44.4 | 44.0 | -0.4 | -0.8% |
| 98.8% | 61.5 | 61.6 | 0.1 | 0.1% | 98.8% | 51.1 | 51.7 | 0.6 | 1.2% | 98.8% | 44.4 | 45.0 | 0.6 | 1.3% | 98.8% | 43.6 | 43.9 | 0.2 | 0.6% |
| 100.0% | 61.5 | 61.6 | 0.0 | 0.1% | 100.0% | 51.1 | 51.7 | 0.6 | 1.2% | 100.0% | 44.4 | 45.0 | 0.6 | 1.3% | 100.0% | 43.6 | 43.9 | 0.2 | 0.6% |

## Table SQ11-1b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

| February | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 57.5 | 57.3 | -0.2 | -0.4% |
| 1.2% | 55.5 | 55.5 | 0.0 | 0.0% |
| 2.5% | 54.1 | 53.1 | -1.0 | -1.8% |
| 3.7% | 53.3 | 52.4 | -0.9 | -1.7% |
| 4.9% | 52.2 | 52.2 | 0.0 | 0.0% |
| 6.2% | 51.8 | 51.8 | 0.1 | 0.1% |
| 7.4% | 51.8 | 51.8 | 0.0 | 0.1% |
| 8.6% | 51.6 | 51.7 | 0.1 | 0.2% |
| 9.9% | 51.4 | 51.3 | -0.1 | -0.2% |
| 11.1% | 51.3 | 51.3 | 0.0 | 0.0% |
| 12.3% | 51.2 | 51.1 | -0.1 | -0.2% |
| 13.6% | 51.0 | 51.1 | 0.1 | 0.3% |
| 14.8% | 50.9 | 51.0 | 0.1 | 0.2% |
| 16.0% | 50.9 | 51.0 | 0.1 | 0.3% |
| 17.3% | 50.9 | 51.0 | 0.1 | 0.2% |
| 18.5% | 50.9 | 50.9 | 0.1 | 0.1% |
| 19.8% | 50.8 | 50.9 | 0.1 | 0.2% |
| 21.0% | 50.5 | 50.4 | 0.0 | 0.0% |
| 22.2% | 50.4 | 50.4 | 0.0 | -0.1% |
| 23.5% | 50.3 | 50.3 | 0.0 | -0.1% |
| 24.7% | 50.0 | 50.0 | 0.1 | 0.1% |
| 25.9% | 49.9 | 49.9 | 0.0 | 0.0% |
| 27.2% | 49.9 | 49.9 | 0.0 | 0.0% |
| 28.4% | 49.6 | 49.7 | 0.1 | 0.3% |
| 29.6% | 49.4 | 49.5 | 0.1 | 0.2% |
| 30.9% | 49.3 | 49.5 | 0.2 | 0.3% |
| 32.1% | 49.1 | 49.3 | 0.2 | 0.4% |
| 33.3% | 49.0 | 49.3 | 0.2 | 0.4% |
| 34.6% | 49.0 | 49.1 | 0.1 | 0.2% |
| 35.8% | 48.9 | 49.0 | 0.1 | 0.2% |
| 37.0% | 48.7 | 48.8 | 0.1 | 0.2% |
| 38.3% | 48.6 | 48.7 | 0.1 | 0.1% |
| 39.5% | 48.5 | 48.6 | 0.0 | 0.0% |
| 40.7% | 48.5 | 48.5 | 0.0 | -0.1% |
| 42.0% | 48.5 | 48.4 | -0.1 | -0.3% |
| 43.2% | 48.3 | 48.3 | 0.0 | 0.1% |
| 44.4% | 48.2 | 48.3 | 0.1 | 0.2% |
| 45.7% | 48.1 | 48.2 | 0.0 | 0.1% |
| 46.9% | 48.1 | 48.1 | 0.0 | 0.0% |
| 48.1% | 48.0 | 48.1 | 0.0 | 0.1% |
| 49.4% | 48.0 | 48.1 | 0.0 | 0.1% |
| 50.6% | 48.0 | 48.0 | 0.0 | 0.0% |
| 51.9% | 47.9 | 48.0 | 0.1 | 0.2% |
| 53.1% | 47.9 | 47.9 | 0.0 | 0.1% |
| 54.3% | 47.8 | 47.9 | 0.1 | 0.2% |
| 55.6% | 47.6 | 47.8 | 0.1 | 0.3% |
| 56.8% | 47.6 | 47.7 | 0.2 | 0.3% |
| 58.0% | 47.6 | 47.6 | 0.0 | 0.1% |
| 59.3% | 47.5 | 47.6 | 0.0 | 0.1% |
| 60.5% | 47.5 | 47.6 | 0.1 | 0.2% |
| 61.7% | 47.4 | 47.5 | 0.1 | 0.2% |
| 63.0% | 47.4 | 47.4 | 0.0 | 0.0% |
| 64.2% | 47.4 | 47.4 | 0.0 | 0.0% |
| 65.4% | 47.2 | 47.2 | 0.0 | 0.0% |
| 66.7% | 47.1 | 47.1 | 0.0 | 0.0% |
| 67.9% | 47.1 | 47.1 | 0.0 | 0.1% |
| 69.1% | 47.1 | 47.1 | 0.0 | 0.1% |
| 70.4% | 47.1 | 47.1 | 0.0 | 0.0% |
| 71.6% | 47.0 | 47.0 | 0.0 | 0.0% |
| 72.8% | 47.0 | 47.0 | 0.0 | 0.0% |
| 74.1% | 46.8 | 46.9 | 0.1 | 0.3% |
| 75.3% | 46.8 | 46.8 | 0.1 | 0.1% |
| 76.5% | 46.8 | 46.8 | 0.0 | 0.0% |
| 77.8% | 46.8 | 46.8 | 0.0 | 0.0% |
| 79.0% | 46.7 | 46.8 | 0.0 | 0.0% |
| 80.2% | 46.7 | 46.7 | 0.0 | 0.0% |
| 81.5% | 46.7 | 46.7 | 0.0 | 0.0% |
| 82.7% | 46.6 | 46.6 | 0.0 | 0.0% |
| 84.0% | 46.6 | 46.6 | 0.0 | 0.0% |
| 85.2% | 46.6 | 46.6 | 0.0 | 0.0% |
| 86.4% | 46.4 | 46.4 | 0.0 | -0.1% |
| 87.7% | 46.4 | 46.4 | 0.0 | 0.0% |
| 88.9% | 46.4 | 46.4 | 0.0 | 0.0% |
| 90.1% | 46.1 | 46.1 | 0.0 | -0.1% |
| 91.4% | 46.0 | 46.0 | 0.0 | 0.0% |
| 92.6% | 46.0 | 46.0 | 0.0 | -0.1% |
| 93.8% | 46.0 | 46.0 | 0.0 | -0.1% |
| 95.1% | 46.0 | 45.9 | -0.1 | -0.2% |
| 96.3% | 46.0 | 45.7 | -0.2 | -0.5% |
| 97.5% | 45.9 | 45.7 | -0.2 | -0.3% |
| 98.8% | 45.1 | 45.4 | 0.4 | 0.8% |
| 100.0% | 45.1 | 45.4 | 0.4 | 0.8% |

| March | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 60.6 | 60.7 | 0.1 | 0.1% |
| 1.2% | 60.5 | 60.6 | 0.0 | 0.1% |
| 2.5% | 60.1 | 60.3 | 0.2 | 0.3% |
| 3.7% | 60.1 | 60.1 | 0.0 | 0.0% |
| 4.9% | 60.1 | 60.0 | -0.1 | -0.2% |
| 6.2% | 60.0 | 59.2 | -0.7 | -1.2% |
| 7.4% | 59.3 | 59.1 | -0.2 | -0.4% |
| 8.6% | 58.6 | 58.7 | 0.0 | 0.1% |
| 9.9% | 58.6 | 58.6 | 0.0 | 0.0% |
| 11.1% | 58.4 | 58.4 | 0.0 | 0.0% |
| 12.3% | 57.7 | 57.5 | -0.1 | -0.2% |
| 13.6% | 57.6 | 57.5 | -0.1 | -0.1% |
| 14.8% | 57.5 | 57.5 | 0.0 | 0.0% |
| 16.0% | 57.5 | 57.5 | 0.0 | 0.0% |
| 17.3% | 57.4 | 57.3 | -0.1 | -0.1% |
| 18.5% | 56.8 | 56.5 | -0.3 | -0.6% |
| 19.8% | 56.8 | 56.2 | -0.6 | -1.1% |
| 21.0% | 56.5 | 55.9 | -0.6 | -1.0% |
| 22.2% | 56.1 | 55.7 | -0.4 | -0.7% |
| 23.5% | 55.9 | 55.2 | -0.7 | -1.3% |
| 24.7% | 55.3 | 55.0 | -0.3 | -0.6% |
| 25.9% | 54.7 | 54.7 | 0.0 | 0.0% |
| 27.2% | 54.6 | 54.6 | 0.0 | 0.0% |
| 28.4% | 54.5 | 54.4 | -0.2 | -0.3% |
| 29.6% | 54.3 | 54.3 | 0.0 | 0.0% |
| 30.9% | 54.2 | 54.2 | 0.0 | 0.0% |
| 32.1% | 54.2 | 54.2 | 0.0 | 0.0% |
| 33.3% | 53.7 | 54.1 | 0.4 | 0.7% |
| 34.6% | 53.5 | 53.6 | 0.0 | 0.0% |
| 35.8% | 53.5 | 53.5 | 0.0 | 0.0% |
| 37.0% | 53.3 | 53.3 | 0.0 | 0.1% |
| 38.3% | 53.3 | 53.3 | 0.0 | 0.0% |
| 39.5% | 52.9 | 52.9 | 0.0 | 0.0% |
| 40.7% | 52.8 | 52.8 | 0.0 | 0.0% |
| 42.0% | 52.5 | 52.5 | 0.0 | 0.0% |
| 43.2% | 52.5 | 52.5 | 0.0 | 0.0% |
| 44.4% | 52.3 | 52.3 | 0.0 | 0.0% |
| 45.7% | 52.0 | 52.0 | 0.0 | 0.0% |
| 46.9% | 52.0 | 51.9 | 0.0 | -0.1% |
| 48.1% | 51.9 | 51.9 | 0.0 | 0.1% |
| 49.4% | 51.7 | 51.7 | 0.0 | 0.0% |
| 50.6% | 51.6 | 51.6 | 0.0 | 0.0% |
| 51.9% | 51.5 | 51.5 | 0.0 | 0.0% |
| 53.1% | 51.2 | 51.2 | 0.0 | 0.0% |
| 54.3% | 51.1 | 51.1 | 0.0 | 0.0% |
| 55.6% | 51.1 | 51.0 | -0.1 | -0.1% |
| 56.8% | 51.0 | 51.0 | 0.0 | 0.0% |
| 58.0% | 51.0 | 51.0 | 0.0 | 0.0% |
| 59.3% | 51.0 | 50.9 | -0.1 | -0.2% |
| 60.5% | 50.9 | 50.8 | 0.0 | -0.1% |
| 61.7% | 50.9 | 50.8 | 0.0 | -0.1% |
| 63.0% | 50.8 | 50.8 | 0.0 | 0.0% |
| 64.2% | 50.8 | 50.8 | 0.0 | 0.0% |
| 65.4% | 50.8 | 50.8 | 0.0 | 0.0% |
| 66.7% | 50.8 | 50.7 | 0.0 | -0.1% |
| 67.9% | 50.6 | 50.6 | 0.0 | 0.0% |
| 69.1% | 50.6 | 50.6 | 0.0 | 0.0% |
| 70.4% | 50.6 | 50.6 | 0.0 | 0.0% |
| 71.6% | 50.6 | 50.6 | 0.0 | 0.0% |
| 72.8% | 50.5 | 50.5 | 0.0 | 0.0% |
| 74.1% | 50.4 | 50.4 | 0.0 | -0.1% |
| 75.3% | 50.4 | 50.4 | 0.0 | 0.0% |
| 76.5% | 50.3 | 50.4 | 0.0 | 0.1% |
| 77.8% | 50.3 | 50.3 | 0.0 | 0.0% |
| 79.0% | 50.2 | 50.2 | 0.0 | 0.0% |
| 80.2% | 50.2 | 50.2 | 0.0 | 0.0% |
| 81.5% | 50.1 | 50.1 | 0.0 | 0.0% |
| 82.7% | 50.0 | 50.0 | 0.0 | 0.0% |
| 84.0% | 49.8 | 49.8 | 0.0 | 0.0% |
| 85.2% | 49.7 | 49.7 | 0.0 | 0.0% |
| 86.4% | 49.6 | 49.6 | 0.0 | 0.1% |
| 87.7% | 49.5 | 49.6 | 0.0 | 0.0% |
| 88.9% | 49.5 | 49.5 | 0.0 | 0.0% |
| 90.1% | 49.2 | 49.2 | 0.0 | 0.0% |
| 91.4% | 49.2 | 49.2 | 0.0 | 0.0% |
| 92.6% | 49.2 | 49.2 | 0.0 | 0.0% |
| 93.8% | 49.1 | 49.1 | 0.0 | 0.1% |
| 95.1% | 48.8 | 48.7 | -0.1 | -0.2% |
| 96.3% | 48.4 | 48.5 | 0.0 | 0.0% |
| 97.5% | 48.4 | 48.4 | 0.0 | 0.0% |
| 98.8% | 47.8 | 47.8 | 0.0 | 0.0% |
| 100.0% | 47.8 | 47.8 | 0.0 | 0.0% |

| April | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 70.5 | 67.8 | -2.8 | -3.9% |
| 1.2% | 68.8 | 66.8 | -2.0 | -2.9% |
| 2.5% | 68.2 | 65.8 | -2.3 | -3.4% |
| 3.7% | 67.9 | 65.8 | -2.1 | -3.1% |
| 4.9% | 66.9 | 65.6 | -1.4 | -2.0% |
| 6.2% | 66.3 | 65.3 | -1.0 | -1.5% |
| 7.4% | 66.0 | 65.1 | -0.9 | -1.3% |
| 8.6% | 65.7 | 64.7 | -1.0 | -1.5% |
| 9.9% | 65.1 | 64.7 | -0.5 | -0.7% |
| 11.1% | 65.1 | 64.6 | -0.5 | -0.8% |
| 12.3% | 65.0 | 64.5 | -0.5 | -0.7% |
| 13.6% | 64.9 | 64.5 | -0.4 | -0.6% |
| 14.8% | 64.8 | 64.3 | -0.4 | -0.7% |
| 16.0% | 64.7 | 63.6 | -1.1 | -1.7% |
| 17.3% | 64.7 | 63.6 | -1.1 | -1.7% |
| 18.5% | 64.4 | 63.6 | -0.8 | -1.2% |
| 19.8% | 63.6 | 63.6 | 0.0 | 0.0% |
| 21.0% | 63.6 | 63.5 | -0.1 | -0.1% |
| 22.2% | 63.6 | 63.4 | -0.1 | -0.2% |
| 23.5% | 63.4 | 63.2 | -0.2 | -0.3% |
| 24.7% | 63.3 | 63.1 | -0.2 | -0.3% |
| 25.9% | 63.2 | 63.0 | -0.2 | -0.3% |
| 27.2% | 63.2 | 62.7 | -0.4 | -0.6% |
| 28.4% | 62.9 | 62.6 | -0.3 | -0.5% |
| 29.6% | 62.7 | 62.4 | -0.3 | -0.5% |
| 30.9% | 62.5 | 62.3 | -0.2 | -0.4% |
| 32.1% | 62.4 | 62.2 | -0.2 | -0.3% |
| 33.3% | 62.1 | 62.1 | 0.0 | 0.0% |
| 34.6% | 61.9 | 62.0 | 0.2 | 0.3% |
| 35.8% | 61.7 | 62.0 | 0.4 | 0.6% |
| 37.0% | 61.5 | 61.9 | 0.4 | 0.6% |
| 38.3% | 61.2 | 61.5 | 0.4 | 0.6% |
| 39.5% | 60.9 | 61.2 | 0.3 | 0.4% |
| 40.7% | 60.7 | 60.9 | 0.2 | 0.4% |
| 42.0% | 60.6 | 60.7 | 0.1 | 0.2% |
| 43.2% | 60.4 | 60.6 | 0.1 | 0.2% |
| 44.4% | 60.3 | 60.4 | 0.1 | 0.1% |
| 45.7% | 60.3 | 60.3 | 0.0 | 0.0% |
| 46.9% | 60.3 | 60.3 | 0.0 | 0.0% |
| 48.1% | 60.2 | 60.2 | 0.0 | 0.0% |
| 49.4% | 59.8 | 60.2 | 0.4 | 0.6% |
| 50.6% | 59.7 | 60.2 | 0.4 | 0.7% |
| 51.9% | 59.7 | 59.8 | 0.1 | 0.2% |
| 53.1% | 59.7 | 59.6 | -0.1 | -0.1% |
| 54.3% | 59.5 | 59.6 | 0.0 | 0.0% |
| 55.6% | 59.5 | 59.5 | 0.0 | 0.0% |
| 56.8% | 59.4 | 59.5 | 0.1 | 0.2% |
| 58.0% | 59.2 | 59.2 | 0.0 | 0.0% |
| 59.3% | 59.2 | 59.2 | 0.0 | 0.0% |
| 60.5% | 59.0 | 59.0 | 0.0 | 0.0% |
| 61.7% | 58.4 | 58.4 | 0.0 | 0.0% |
| 63.0% | 58.0 | 57.9 | -0.1 | -0.3% |
| 64.2% | 57.8 | 57.8 | 0.0 | 0.0% |
| 65.4% | 57.8 | 57.7 | -0.1 | -0.2% |
| 66.7% | 57.7 | 57.7 | 0.0 | 0.0% |
| 67.9% | 57.2 | 57.3 | 0.0 | 0.0% |
| 69.1% | 57.2 | 57.2 | 0.0 | 0.0% |
| 70.4% | 57.1 | 57.1 | 0.0 | 0.0% |
| 71.6% | 56.9 | 56.9 | 0.0 | 0.0% |
| 72.8% | 56.8 | 56.8 | 0.0 | 0.1% |
| 74.1% | 56.7 | 56.7 | 0.0 | 0.0% |
| 75.3% | 56.4 | 56.4 | 0.0 | 0.0% |
| 76.5% | 55.7 | 55.7 | 0.0 | 0.0% |
| 77.8% | 55.4 | 55.4 | 0.0 | 0.0% |
| 79.0% | 55.3 | 55.3 | 0.0 | 0.0% |
| 80.2% | 55.3 | 55.3 | 0.0 | 0.0% |
| 81.5% | 55.3 | 55.3 | 0.0 | 0.0% |
| 82.7% | 55.1 | 55.1 | 0.0 | 0.0% |
| 84.0% | 55.1 | 55.1 | 0.0 | 0.0% |
| 85.2% | 54.9 | 54.9 | 0.0 | 0.0% |
| 86.4% | 54.9 | 54.9 | 0.0 | 0.0% |
| 87.7% | 54.5 | 54.5 | 0.0 | 0.0% |
| 88.9% | 54.1 | 54.1 | 0.0 | 0.0% |
| 90.1% | 53.9 | 53.9 | 0.0 | 0.0% |
| 91.4% | 53.8 | 53.8 | 0.0 | 0.0% |
| 92.6% | 53.7 | 53.6 | -0.1 | -0.1% |
| 93.8% | 53.2 | 53.4 | 0.2 | 0.3% |
| 95.1% | 53.1 | 53.2 | 0.1 | 0.2% |
| 96.3% | 52.4 | 52.4 | 0.0 | 0.0% |
| 97.5% | 52.2 | 52.3 | 0.0 | 0.1% |
| 98.8% | 51.6 | 51.6 | 0.0 | 0.1% |
| 100.0% | 51.6 | 51.6 | 0.0 | 0.1% |

| May | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 74.6 | 75.6 | 1.0 | 1.4% |
| 1.2% | 73.6 | 73.5 | -0.1 | -0.2% |
| 2.5% | 73.3 | 72.9 | -0.4 | -0.6% |
| 3.7% | 73.1 | 72.3 | -0.7 | -1.0% |
| 4.9% | 72.9 | 72.2 | -0.7 | -1.0% |
| 6.2% | 72.8 | 71.8 | -1.1 | -1.5% |
| 7.4% | 72.8 | 71.1 | -1.7 | -2.3% |
| 8.6% | 72.6 | 71.0 | -1.7 | -2.3% |
| 9.9% | 72.0 | 70.9 | -1.1 | -1.5% |
| 11.1% | 71.7 | 70.6 | -1.1 | -1.5% |
| 12.3% | 71.6 | 70.6 | -1.0 | -1.5% |
| 13.6% | 71.4 | 70.5 | -0.9 | -1.3% |
| 14.8% | 71.1 | 70.5 | -0.6 | -0.9% |
| 16.0% | 70.9 | 70.3 | -0.6 | -0.8% |
| 17.3% | 70.9 | 70.3 | -0.6 | -0.8% |
| 18.5% | 70.8 | 70.2 | -0.6 | -0.9% |
| 19.8% | 70.8 | 70.1 | -0.7 | -0.9% |
| 21.0% | 70.6 | 70.1 | -0.5 | -0.7% |
| 22.2% | 70.6 | 70.0 | -0.6 | -0.9% |
| 23.5% | 70.5 | 69.7 | -0.8 | -1.2% |
| 24.7% | 70.5 | 69.7 | -0.8 | -1.1% |
| 25.9% | 70.4 | 69.5 | -0.9 | -1.3% |
| 27.2% | 70.4 | 69.5 | -0.9 | -1.2% |
| 28.4% | 70.2 | 69.5 | -0.7 | -1.0% |
| 29.6% | 70.0 | 69.3 | -0.7 | -1.0% |
| 30.9% | 70.0 | 69.3 | -0.6 | -0.9% |
| 32.1% | 69.9 | 69.3 | -0.6 | -0.8% |
| 33.3% | 69.8 | 69.2 | -0.6 | -0.8% |
| 34.6% | 69.8 | 69.1 | -0.7 | -1.0% |
| 35.8% | 69.7 | 68.9 | -0.8 | -1.1% |
| 37.0% | 69.5 | 68.8 | -0.7 | -1.0% |
| 38.3% | 69.3 | 68.8 | -0.5 | -0.8% |
| 39.5% | 68.9 | 68.5 | -0.4 | -0.6% |
| 40.7% | 68.9 | 68.4 | -0.4 | -0.6% |
| 42.0% | 68.8 | 68.3 | -0.5 | -0.8% |
| 43.2% | 68.7 | 68.2 | -0.5 | -0.7% |
| 44.4% | 68.7 | 68.2 | -0.5 | -0.7% |
| 45.7% | 68.5 | 68.0 | -0.5 | -0.7% |
| 46.9% | 68.2 | 67.8 | -0.4 | -0.6% |
| 48.1% | 68.2 | 67.7 | -0.5 | -0.7% |
| 49.4% | 67.8 | 67.5 | -0.2 | -0.3% |
| 50.6% | 67.7 | 67.5 | -0.2 | -0.4% |
| 51.9% | 67.7 | 67.0 | -0.7 | -1.0% |
| 53.1% | 66.9 | 66.9 | 0.0 | 0.0% |
| 54.3% | 66.6 | 66.9 | 0.2 | 0.4% |
| 55.6% | 66.6 | 66.5 | -0.1 | -0.1% |
| 56.8% | 66.5 | 66.5 | -0.1 | -0.1% |
| 58.0% | 66.4 | 66.4 | 0.0 | 0.0% |
| 59.3% | 66.3 | 66.3 | 0.0 | 0.0% |
| 60.5% | 65.9 | 66.1 | 0.2 | 0.4% |
| 61.7% | 65.8 | 65.9 | 0.1 | 0.2% |
| 63.0% | 65.8 | 65.8 | 0.0 | 0.1% |
| 64.2% | 65.6 | 65.8 | 0.1 | 0.2% |
| 65.4% | 65.6 | 65.6 | 0.0 | 0.0% |
| 66.7% | 65.5 | 65.6 | 0.0 | 0.1% |
| 67.9% | 65.5 | 65.5 | 0.0 | 0.1% |
| 69.1% | 65.2 | 65.5 | 0.3 | 0.4% |
| 70.4% | 65.0 | 65.1 | 0.1 | 0.1% |
| 71.6% | 65.0 | 64.9 | -0.1 | -0.1% |
| 72.8% | 64.9 | 64.9 | 0.0 | 0.0% |
| 74.1% | 64.9 | 64.5 | -0.3 | -0.5% |
| 75.3% | 64.7 | 64.4 | -0.3 | -0.4% |
| 76.5% | 64.6 | 64.1 | -0.4 | -0.6% |
| 77.8% | 64.4 | 64.0 | -0.4 | -0.6% |
| 79.0% | 64.1 | 64.0 | -0.1 | -0.2% |
| 80.2% | 64.0 | 64.0 | 0.0 | 0.0% |
| 81.5% | 64.0 | 63.7 | -0.3 | -0.4% |
| 82.7% | 63.7 | 63.7 | 0.0 | 0.0% |
| 84.0% | 63.3 | 63.3 | 0.0 | 0.0% |
| 85.2% | 62.5 | 62.5 | 0.0 | 0.0% |
| 86.4% | 62.4 | 62.4 | 0.0 | 0.0% |
| 87.7% | 62.3 | 62.3 | 0.0 | 0.0% |
| 88.9% | 62.1 | 61.9 | -0.2 | -0.3% |
| 90.1% | 61.7 | 61.7 | 0.0 | 0.0% |
| 91.4% | 61.2 | 61.2 | 0.0 | 0.0% |
| 92.6% | 61.2 | 61.2 | 0.0 | 0.0% |
| 93.8% | 60.1 | 60.1 | 0.0 | 0.0% |
| 95.1% | 59.7 | 59.7 | 0.0 | 0.0% |
| 96.3% | 58.8 | 58.8 | 0.0 | 0.0% |
| 97.5% | 58.3 | 58.3 | 0.0 | 0.0% |
| 98.8% | 58.1 | 58.2 | 0.0 | 0.1% |
| 100.0% | 58.1 | 58.2 | 0.0 | 0.1% |

## Table SQ11-1b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 81.2 | 81.3 | 0.1 | 0.1% | 0.0% | 83.4 | 83.4 | 0.0 | -0.1% | 0.0% | 82.7 | 81.6 | -1.2 | -1.4% | 0.0% | 78.7 | 78.4 | -0.3 | -0.4% |
| 1.2% | 80.6 | 80.4 | -0.2 | -0.2% | 1.2% | 81.3 | 80.3 | -1.0 | -1.2% | 1.2% | 81.8 | 81.0 | -0.7 | -0.9% | 1.2% | 77.0 | 76.4 | -0.6 | -0.8% |
| 2.5% | 78.9 | 78.9 | 0.0 | 0.0% | 2.5% | 80.4 | 79.8 | -0.6 | -0.8% | 2.5% | 80.2 | 78.6 | -1.6 | -2.0% | 2.5% | 76.9 | 76.1 | -0.9 | -1.1% |
| 3.7% | 78.6 | 76.8 | -1.7 | -2.2% | 3.7% | 79.1 | 79.5 | 0.4 | 0.6% | 3.7% | 79.8 | 78.6 | -1.2 | -1.5% | 3.7% | 76.6 | 75.8 | -0.7 | -1.0% |
| 4.9% | 78.4 | 76.7 | -1.7 | -2.2% | 4.9% | 78.8 | 77.7 | -1.1 | -1.4% | 4.9% | 79.3 | 78.4 | -0.9 | -1.1% | 4.9% | 76.4 | 75.6 | -0.8 | -1.0% |
| 6.2% | 77.4 | 76.5 | -0.9 | -1.1% | 6.2% | 78.5 | 76.8 | -1.7 | -2.2% | 6.2% | 79.3 | 78.1 | -1.2 | -1.5% | 6.2% | 75.6 | 75.5 | -0.1 | -0.1% |
| 7.4% | 77.3 | 76.0 | -1.4 | -1.8% | 7.4% | 77.2 | 76.7 | -0.5 | -0.6% | 7.4% | 78.6 | 78.0 | -0.5 | -0.7% | 7.4% | 75.5 | 75.1 | -0.4 | -0.6% |
| 8.6% | 77.3 | 75.6 | -1.7 | -2.1% | 8.6% | 76.8 | 76.4 | -0.5 | -0.6% | 8.6% | 78.5 | 77.9 | -0.6 | -0.7% | 8.6% | 75.4 | 74.7 | -0.7 | -0.9% |
| 9.9% | 77.2 | 75.5 | -1.7 | -2.3% | 9.9% | 76.4 | 76.2 | -0.2 | -0.3% | 9.9% | 78.5 | 77.6 | -0.9 | -1.1% | 9.9% | 75.3 | 74.4 | -0.9 | -1.2% |
| 11.1% | 77.2 | 75.4 | -1.7 | -2.3% | 11.1% | 76.3 | 76.0 | -0.2 | -0.3% | 11.1% | 78.3 | 77.4 | -0.9 | -1.1% | 11.1% | 75.3 | 74.2 | -1.0 | -1.4% |
| 12.3% | 77.2 | 75.3 | -1.8 | -2.4% | 12.3% | 75.9 | 76.0 | 0.1 | 0.2% | 12.3% | 78.2 | 77.3 | -0.9 | -1.1% | 12.3% | 75.2 | 74.2 | -1.0 | -1.3% |
| 13.6% | 76.9 | 75.3 | -1.6 | -2.1% | 13.6% | 75.8 | 75.7 | -0.1 | -0.1% | 13.6% | 77.9 | 77.3 | -0.6 | -0.8% | 13.6% | 75.2 | 74.2 | -1.1 | -1.4% |
| 14.8% | 76.7 | 75.1 | -1.6 | -2.1% | 14.8% | 75.8 | 75.4 | -0.3 | -0.5% | 14.8% | 77.7 | 76.6 | -1.1 | -1.5% | 14.8% | 74.8 | 74.1 | -0.8 | -1.1% |
| 16.0% | 76.6 | 74.9 | -1.7 | -2.2% | 16.0% | 75.3 | 75.4 | 0.1 | 0.1% | 16.0% | 77.3 | 76.5 | -0.8 | -1.0% | 16.0% | 74.8 | 74.0 | -0.8 | -1.1% |
| 17.3% | 76.5 | 74.9 | -1.7 | -2.2% | 17.3% | 75.0 | 75.3 | 0.3 | 0.4% | 17.3% | 77.3 | 76.1 | -1.2 | -1.6% | 17.3% | 74.7 | 74.0 | -0.7 | -0.9% |
| 18.5% | 76.5 | 74.8 | -1.7 | -2.2% | 18.5% | 74.2 | 74.8 | 0.7 | 0.9% | 18.5% | 76.6 | 76.0 | -0.6 | -0.7% | 18.5% | 74.6 | 73.8 | -0.8 | -1.1% |
| 19.8% | 76.1 | 74.7 | -1.4 | -1.8% | 19.8% | 74.1 | 74.6 | 0.5 | 0.7% | 19.8% | 76.6 | 76.0 | -0.6 | -0.8% | 19.8% | 74.3 | 73.8 | -0.5 | -0.7% |
| 21.0% | 76.1 | 74.7 | -1.4 | -1.8% | 21.0% | 73.9 | 73.8 | -0.1 | -0.1% | 21.0% | 76.2 | 75.9 | -0.3 | -0.4% | 21.0% | 74.2 | 73.7 | -0.4 | -0.6% |
| 22.2% | 75.7 | 74.5 | -1.2 | -1.6% | 22.2% | 73.9 | 73.5 | -0.4 | -0.5% | 22.2% | 76.2 | 75.9 | -0.3 | -0.4% | 22.2% | 74.1 | 73.1 | -0.9 | -1.3% |
| 23.5% | 75.4 | 74.0 | -1.3 | -1.7% | 23.5% | 73.7 | 73.4 | -0.3 | -0.4% | 23.5% | 76.1 | 75.6 | -0.4 | -0.5% | 23.5% | 74.0 | 73.0 | -1.0 | -1.4% |
| 24.7% | 75.3 | 74.0 | -1.3 | -1.7% | 24.7% | 73.7 | 73.4 | -0.3 | -0.4% | 24.7% | 76.0 | 75.4 | -0.6 | -0.8% | 24.7% | 73.9 | 73.0 | -0.9 | -1.2% |
| 25.9% | 75.0 | 73.7 | -1.3 | -1.7% | 25.9% | 73.6 | 73.1 | -0.5 | -0.6% | 25.9% | 76.0 | 75.1 | -0.9 | -1.1% | 25.9% | 73.8 | 72.9 | -0.8 | -1.1% |
| 27.2% | 74.5 | 73.5 | -1.0 | -1.3% | 27.2% | 73.5 | 72.9 | -0.5 | -0.7% | 27.2% | 75.8 | 75.1 | -0.8 | -1.0% | 27.2% | 73.7 | 72.9 | -0.8 | -1.1% |
| 28.4% | 74.3 | 73.5 | -0.8 | -1.1% | 28.4% | 73.3 | 72.9 | -0.5 | -0.6% | 28.4% | 75.8 | 74.9 | -0.9 | -1.2% | 28.4% | 73.7 | 72.9 | -0.8 | -1.1% |
| 29.6% | 74.3 | 73.3 | -1.0 | -1.4% | 29.6% | 73.2 | 72.8 | -0.4 | -0.6% | 29.6% | 75.8 | 74.8 | -0.9 | -1.2% | 29.6% | 73.7 | 72.8 | -0.8 | -1.1% |
| 30.9% | 74.1 | 73.3 | -0.8 | -1.1% | 30.9% | 72.8 | 72.6 | -0.2 | -0.2% | 30.9% | 75.8 | 74.8 | -1.0 | -1.3% | 30.9% | 73.6 | 72.8 | -0.7 | -1.0% |
| 32.1% | 74.1 | 73.2 | -0.9 | -1.2% | 32.1% | 72.8 | 72.6 | -0.2 | -0.3% | 32.1% | 75.7 | 74.7 | -1.0 | -1.3% | 32.1% | 73.6 | 72.8 | -0.8 | -1.1% |
| 33.3% | 73.8 | 72.9 | -1.0 | -1.3% | 33.3% | 72.7 | 72.5 | -0.1 | -0.2% | 33.3% | 75.1 | 74.7 | -0.4 | -0.6% | 33.3% | 73.4 | 72.7 | -0.7 | -1.0% |
| 34.6% | 73.3 | 72.8 | -0.5 | -0.7% | 34.6% | 72.5 | 72.5 | 0.0 | 0.0% | 34.6% | 75.1 | 74.5 | -0.5 | -0.7% | 34.6% | 73.2 | 72.7 | -0.4 | -0.6% |
| 35.8% | 73.1 | 72.8 | -0.3 | -0.4% | 35.8% | 72.1 | 72.4 | 0.3 | 0.4% | 35.8% | 75.0 | 74.5 | -0.5 | -0.7% | 35.8% | 73.2 | 72.6 | -0.5 | -0.7% |
| 37.0% | 73.0 | 72.8 | -0.2 | -0.2% | 37.0% | 72.0 | 72.3 | 0.3 | 0.4% | 37.0% | 74.9 | 74.4 | -0.5 | -0.6% | 37.0% | 73.1 | 72.6 | -0.5 | -0.7% |
| 38.3% | 72.9 | 72.7 | -0.2 | -0.2% | 38.3% | 71.8 | 72.3 | 0.5 | 0.7% | 38.3% | 74.7 | 74.4 | -0.3 | -0.4% | 38.3% | 73.1 | 72.4 | -0.6 | -0.9% |
| 39.5% | 72.9 | 72.6 | -0.3 | -0.4% | 39.5% | 71.8 | 72.3 | 0.5 | 0.6% | 39.5% | 74.7 | 74.2 | -0.5 | -0.7% | 39.5% | 73.0 | 72.4 | -0.6 | -0.9% |
| 40.7% | 72.9 | 72.6 | -0.3 | -0.4% | 40.7% | 71.8 | 72.3 | 0.5 | 0.7% | 40.7% | 74.5 | 74.1 | -0.4 | -0.6% | 40.7% | 73.0 | 72.3 | -0.7 | -0.9% |
| 42.0% | 72.8 | 72.5 | -0.3 | -0.4% | 42.0% | 71.7 | 72.0 | 0.2 | 0.3% | 42.0% | 74.4 | 74.1 | -0.3 | -0.4% | 42.0% | 72.8 | 72.1 | -0.6 | -0.9% |
| 43.2% | 72.3 | 72.4 | 0.1 | 0.1% | 43.2% | 71.7 | 72.0 | 0.3 | 0.4% | 43.2% | 74.3 | 73.9 | -0.4 | -0.6% | 43.2% | 72.8 | 72.1 | -0.7 | -0.9% |
| 44.4% | 72.1 | 72.3 | 0.2 | 0.3% | 44.4% | 71.5 | 71.9 | 0.3 | 0.4% | 44.4% | 74.1 | 73.9 | -0.2 | -0.3% | 44.4% | 72.8 | 72.1 | -0.7 | -1.0% |
| 45.7% | 71.9 | 72.3 | 0.3 | 0.5% | 45.7% | 71.5 | 71.8 | 0.3 | 0.4% | 45.7% | 74.0 | 73.8 | -0.1 | -0.2% | 45.7% | 72.8 | 72.0 | -0.7 | -1.0% |
| 46.9% | 71.8 | 72.0 | 0.1 | 0.2% | 46.9% | 71.5 | 71.8 | 0.3 | 0.4% | 46.9% | 73.9 | 73.8 | -0.1 | -0.1% | 46.9% | 72.7 | 71.8 | -1.0 | -1.3% |
| 48.1% | 71.7 | 71.8 | 0.1 | 0.2% | 48.1% | 71.4 | 71.6 | 0.1 | 0.2% | 48.1% | 73.7 | 73.7 | 0.0 | 0.0% | 48.1% | 72.7 | 71.6 | -1.1 | -1.5% |
| 49.4% | 71.6 | 71.7 | 0.1 | 0.1% | 49.4% | 71.4 | 71.5 | 0.1 | 0.2% | 49.4% | 73.7 | 73.6 | -0.1 | -0.1% | 49.4% | 72.7 | 71.5 | -1.2 | -1.6% |
| 50.6% | 71.5 | 71.5 | 0.0 | 0.0% | 50.6% | 71.3 | 71.3 | -0.1 | -0.1% | 50.6% | 73.6 | 73.3 | -0.3 | -0.4% | 50.6% | 72.6 | 71.5 | -1.1 | -1.5% |
| 51.9% | 71.3 | 71.5 | 0.2 | 0.2% | 51.9% | 71.3 | 71.2 | -0.1 | -0.1% | 51.9% | 73.6 | 73.3 | -0.3 | -0.4% | 51.9% | 72.6 | 71.5 | -1.0 | -1.4% |
| 53.1% | 71.3 | 71.3 | 0.0 | 0.0% | 53.1% | 71.3 | 71.1 | -0.1 | -0.2% | 53.1% | 73.5 | 73.3 | -0.2 | -0.3% | 53.1% | 72.5 | 71.5 | -1.0 | -1.4% |
| 54.3% | 71.1 | 71.3 | 0.2 | 0.2% | 54.3% | 71.2 | 71.1 | -0.1 | -0.1% | 54.3% | 73.5 | 73.3 | -0.2 | -0.3% | 54.3% | 72.4 | 71.4 | -0.9 | -1.3% |
| 55.6% | 71.1 | 71.2 | 0.1 | 0.1% | 55.6% | 71.2 | 71.1 | -0.1 | -0.1% | 55.6% | 73.5 | 73.1 | -0.3 | -0.5% | 55.6% | 72.3 | 71.3 | -1.0 | -1.4% |
| 56.8% | 71.1 | 71.1 | 0.0 | 0.0% | 56.8% | 71.2 | 71.1 | -0.1 | -0.1% | 56.8% | 73.5 | 73.1 | -0.4 | -0.5% | 56.8% | 72.1 | 71.2 | -0.9 | -1.3% |
| 58.0% | 71.0 | 71.1 | 0.0 | 0.1% | 58.0% | 71.2 | 70.9 | -0.3 | -0.4% | 58.0% | 73.4 | 73.1 | -0.4 | -0.5% | 58.0% | 71.8 | 71.2 | -0.6 | -0.9% |
| 59.3% | 70.9 | 70.9 | 0.0 | 0.0% | 59.3% | 71.1 | 70.8 | -0.3 | -0.4% | 59.3% | 73.4 | 72.9 | -0.5 | -0.6% | 59.3% | 71.8 | 71.1 | -0.6 | -0.9% |
| 60.5% | 70.7 | 70.7 | -0.1 | -0.1% | 60.5% | 71.0 | 70.8 | -0.2 | -0.2% | 60.5% | 73.4 | 72.9 | -0.5 | -0.7% | 60.5% | 71.7 | 71.1 | -0.7 | -0.9% |
| 61.7% | 70.7 | 70.6 | -0.1 | -0.1% | 61.7% | 71.0 | 70.7 | -0.3 | -0.4% | 61.7% | 73.3 | 72.8 | -0.5 | -0.7% | 61.7% | 71.7 | 71.1 | -0.6 | -0.9% |
| 63.0% | 70.3 | 70.6 | 0.3 | 0.4% | 63.0% | 70.9 | 70.7 | -0.2 | -0.3% | 63.0% | 73.3 | 72.7 | -0.6 | -0.8% | 63.0% | 71.7 | 71.0 | -0.7 | -1.0% |
| 64.2% | 70.2 | 70.2 | 0.0 | 0.0% | 64.2% | 70.7 | 70.7 | 0.0 | -0.1% | 64.2% | 73.3 | 72.6 | -0.7 | -0.9% | 64.2% | 71.6 | 70.9 | -0.7 | -0.9% |
| 65.4% | 70.0 | 70.1 | 0.1 | 0.2% | 65.4% | 70.7 | 70.7 | 0.0 | 0.0% | 65.4% | 73.2 | 72.5 | -0.7 | -1.0% | 65.4% | 71.5 | 70.9 | -0.7 | -0.9% |
| 66.7% | 69.9 | 70.0 | 0.2 | 0.3% | 66.7% | 70.6 | 70.6 | 0.0 | 0.0% | 66.7% | 73.1 | 72.5 | -0.7 | -0.9% | 66.7% | 71.5 | 70.8 | -0.6 | -0.8% |
| 67.9% | 69.7 | 69.9 | 0.2 | 0.3% | 67.9% | 70.6 | 70.6 | 0.0 | 0.1% | 67.9% | 73.0 | 72.3 | -0.7 | -1.0% | 67.9% | 71.4 | 70.8 | -0.6 | -0.8% |
| 69.1% | 69.6 | 69.8 | 0.2 | 0.3% | 69.1% | 70.5 | 70.4 | 0.0 | -0.1% | 69.1% | 72.9 | 72.3 | -0.6 | -0.9% | 69.1% | 71.4 | 70.8 | -0.6 | -0.9% |
| 70.4% | 69.5 | 69.7 | 0.3 | 0.4% | 70.4% | 70.4 | 70.3 | -0.1 | -0.2% | 70.4% | 72.9 | 72.3 | -0.7 | -0.9% | 70.4% | 71.4 | 70.6 | -0.7 | -1.0% |
| 71.6% | 69.5 | 69.7 | 0.2 | 0.3% | 71.6% | 70.3 | 70.3 | -0.1 | -0.1% | 71.6% | 72.9 | 72.3 | -0.6 | -0.9% | 71.6% | 71.3 | 70.6 | -0.7 | -1.0% |
| 72.8% | 69.3 | 69.6 | 0.3 | 0.4% | 72.8% | 70.2 | 70.1 | -0.1 | -0.1% | 72.8% | 72.8 | 72.1 | -0.7 | -1.0% | 72.8% | 71.1 | 70.5 | -0.6 | -0.8% |
| 74.1% | 69.2 | 69.6 | 0.4 | 0.6% | 74.1% | 70.1 | 70.0 | -0.1 | -0.1% | 74.1% | 72.8 | 71.9 | -0.9 | -1.2% | 74.1% | 71.1 | 70.5 | -0.7 | -0.9% |
| 75.3% | 69.1 | 69.4 | 0.3 | 0.4% | 75.3% | 70.1 | 70.0 | -0.1 | -0.1% | 75.3% | 72.8 | 71.9 | -0.9 | -1.2% | 75.3% | 71.1 | 70.3 | -0.8 | -1.1% |
| 76.5% | 68.9 | 69.4 | 0.4 | 0.6% | 76.5% | 70.1 | 69.8 | -0.2 | -0.4% | 76.5% | 72.8 | 71.9 | -0.9 | -1.2% | 76.5% | 71.0 | 70.3 | -0.7 | -1.0% |
| 77.8% | 68.9 | 69.2 | 0.3 | 0.5% | 77.8% | 70.0 | 69.8 | -0.2 | -0.3% | 77.8% | 72.8 | 71.8 | -1.0 | -1.3% | 77.8% | 70.7 | 70.3 | -0.4 | -0.5% |
| 79.0% | 68.7 | 68.9 | 0.2 | 0.2% | 79.0% | 70.0 | 69.7 | -0.3 | -0.4% | 79.0% | 72.7 | 71.8 | -0.9 | -1.3% | 79.0% | 70.5 | 70.3 | -0.2 | -0.3% |
| 80.2% | 68.7 | 68.8 | 0.1 | 0.2% | 80.2% | 70.0 | 69.6 | -0.3 | -0.5% | 80.2% | 72.7 | 71.8 | -0.9 | -1.2% | 80.2% | 70.2 | 70.2 | 0.0 | -0.1% |
| 81.5% | 68.6 | 68.8 | 0.1 | 0.2% | 81.5% | 70.0 | 69.5 | -0.4 | -0.6% | 81.5% | 72.5 | 71.8 | -0.8 | -1.1% | 81.5% | 70.1 | 69.8 | -0.2 | -0.3% |
| 82.7% | 68.5 | 68.7 | 0.2 | 0.2% | 82.7% | 70.0 | 69.5 | -0.4 | -0.6% | 82.7% | 72.5 | 71.6 | -0.9 | -1.3% | 82.7% | 70.0 | 69.8 | -0.2 | -0.3% |
| 84.0% | 68.4 | 68.7 | 0.2 | 0.3% | 84.0% | 69.7 | 69.5 | -0.2 | -0.3% | 84.0% | 72.5 | 71.5 | -1.0 | -1.4% | 84.0% | 70.0 | 69.6 | -0.4 | -0.6% |
| 85.2% | 68.2 | 68.6 | 0.4 | 0.6% | 85.2% | 69.7 | 69.4 | -0.2 | -0.3% | 85.2% | 72.4 | 71.5 | -0.9 | -1.3% | 85.2% | 69.9 | 69.4 | -0.5 | -0.7% |
| 86.4% | 68.2 | 68.3 | 0.1 | 0.2% | 86.4% | 69.7 | 69.4 | -0.2 | -0.3% | 86.4% | 72.2 | 71.4 | -0.8 | -1.1% | 86.4% | 69.8 | 69.2 | -0.5 | -0.8% |
| 87.7% | 68.1 | 68.3 | 0.2 | 0.3% | 87.7% | 69.7 | 69.4 | -0.3 | -0.4% | 87.7% | 72.2 | 71.4 | -0.8 | -1.1% | 87.7% | 69.5 | 68.9 | -0.6 | -0.9% |
| 88.9% | 68.0 | 68.0 | 0.0 | 0.0% | 88.9% | 69.6 | 69.4 | -0.2 | -0.3% | 88.9% | 72.1 | 71.4 | -0.7 | -1.0% | 88.9% | 69.4 | 68.9 | -0.5 | -0.7% |
| 90.1% | 67.9 | 67.9 | 0.0 | 0.0% | 90.1% | 69.6 | 69.3 | -0.2 | -0.3% | 90.1% | 72.0 | 71.2 | -0.7 | -1.0% | 90.1% | 69.2 | 68.7 | -0.5 | -0.8% |
| 91.4% | 67.9 | 67.9 | 0.0 | 0.0% | 91.4% | 69.5 | 69.2 | -0.3 | -0.4% | 91.4% | 72.0 | 71.2 | -0.8 | -1.1% | 91.4% | 69.1 | 68.6 | -0.5 | -0.7% |
| 92.6% | 67.3 | 67.3 | 0.0 | 0.0% | 92.6% | 69.4 | 69.1 | -0.3 | -0.5% | 92.6% | 71.7 | 71.1 | -0.5 | -0.7% | 92.6% | 69.1 | 68.4 | -0.7 | -1.1% |
| 93.8% | 67.2 | 67.3 | 0.1 | 0.1% | 93.8% | 69.4 | 69.0 | -0.4 | -0.6% | 93.8% | 71.5 | 71.0 | -0.5 | -0.7% | 93.8% | 68.9 | 68.3 | -0.6 | -0.9% |
| 95.1% | 66.7 | 66.9 | 0.1 | 0.2% | 95.1% | 69.4 | 69.0 | -0.4 | -0.5% | 95.1% | 71.4 | 70.3 | -1.1 | -1.5% | 95.1% | 68.8 | 68.2 | -0.6 | -0.9% |
| 96.3% | 66.7 | 66.7 | 0.0 | 0.0% | 96.3% | 69.2 | 69.0 | -0.2 | -0.3% | 96.3% | 71.4 | 70.3 | -1.1 | -1.5% | 96.3% | 68.7 | 68.1 | -0.5 | -0.8% |
| 97.5% | 66.6 | 66.6 | 0.0 | 0.0% | 97.5% | 69.1 | 68.9 | -0.3 | -0.4% | 97.5% | 71.0 | 70.2 | -0.8 | -1.1% | 97.5% | 68.5 | 67.8 | -0.7 | -1.0% |
| 98.8% | 66.4 | 66.4 | 0.0 | 0.0% | 98.8% | 69.0 | 68.8 | -0.1 | -0.2% | 98.8% | 70.8 | 69.8 | -0.9 | -1.3% | 98.8% | 67.8 | 67.7 | -0.2 | -0.3% |
| 100.0% | 66.4 | 66.4 | 0.0 | 0.0% | 100.0% | 69.0 | 68.8 | -0.1 | -0.2% | 100.0% | 70.8 | 69.8 | -0.9 | -1.3% | 100.0% | 67.8 | 67.7 | -0.2 | -0.3% |

## Table SQ11-1b

American River at the Mouth, Monthly Temperature

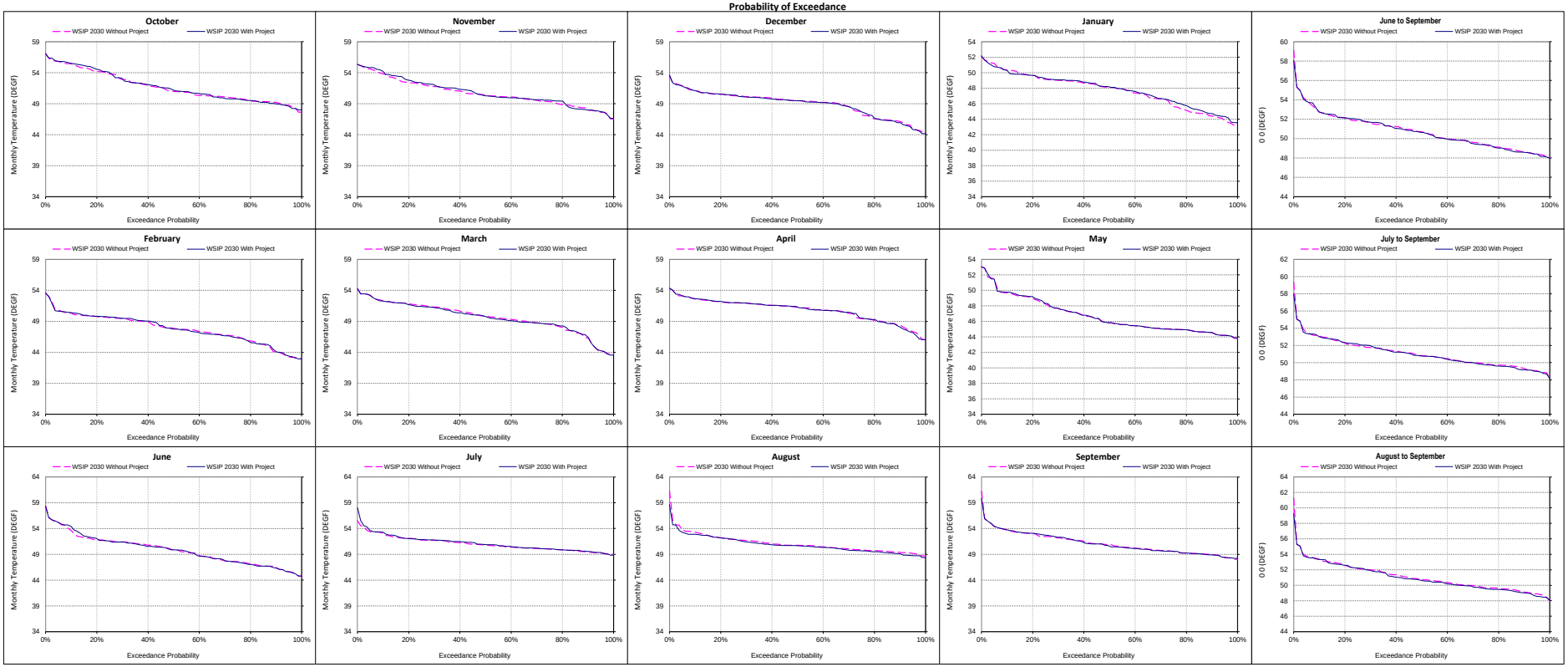
Probability of Exceedance

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 80.2 | 81.0 | 0.9 | 1.1% |
| 1.2% | 79.2 | 78.4 | -0.8 | -1.0% |
| 2.5% | 79.1 | 78.1 | -1.0 | -1.2% |
| 3.7% | 78.8 | 77.9 | -1.0 | -1.2% |
| 4.9% | 76.8 | 77.1 | 0.3 | 0.4% |
| 6.2% | 76.8 | 76.5 | -0.3 | -0.4% |
| 7.4% | 76.4 | 75.9 | -0.5 | -0.7% |
| 8.6% | 76.1 | 75.8 | -0.3 | -0.4% |
| 9.9% | 75.8 | 75.4 | -0.4 | -0.5% |
| 11.1% | 75.6 | 75.4 | -0.2 | -0.3% |
| 12.3% | 75.6 | 75.3 | -0.3 | -0.4% |
| 13.6% | 75.3 | 75.2 | -0.1 | -0.1% |
| 14.8% | 75.2 | 74.9 | -0.3 | -0.3% |
| 16.0% | 75.1 | 74.9 | -0.2 | -0.2% |
| 17.3% | 74.9 | 74.7 | -0.3 | -0.4% |
| 18.5% | 74.7 | 74.4 | -0.3 | -0.5% |
| 19.8% | 74.7 | 74.4 | -0.3 | -0.5% |
| 21.0% | 74.6 | 74.0 | -0.6 | -0.8% |
| 22.2% | 74.5 | 73.9 | -0.7 | -0.9% |
| 23.5% | 74.2 | 73.5 | -0.7 | -1.0% |
| 24.7% | 74.2 | 73.4 | -0.8 | -1.1% |
| 25.9% | 74.2 | 73.4 | -0.8 | -1.1% |
| 27.2% | 74.1 | 73.2 | -0.9 | -1.2% |
| 28.4% | 73.6 | 73.0 | -0.6 | -0.8% |
| 29.6% | 73.6 | 73.0 | -0.6 | -0.8% |
| 30.9% | 73.4 | 73.0 | -0.5 | -0.6% |
| 32.1% | 73.3 | 73.0 | -0.4 | -0.5% |
| 33.3% | 73.3 | 72.8 | -0.5 | -0.7% |
| 34.6% | 73.2 | 72.8 | -0.5 | -0.6% |
| 35.8% | 73.2 | 72.6 | -0.6 | -0.8% |
| 37.0% | 73.2 | 72.6 | -0.6 | -0.8% |
| 38.3% | 73.1 | 72.4 | -0.7 | -0.9% |
| 39.5% | 73.1 | 72.4 | -0.7 | -0.9% |
| 40.7% | 72.9 | 72.3 | -0.6 | -0.8% |
| 42.0% | 72.9 | 72.2 | -0.6 | -0.8% |
| 43.2% | 72.7 | 72.2 | -0.5 | -0.7% |
| 44.4% | 72.7 | 72.2 | -0.6 | -0.8% |
| 45.7% | 72.7 | 72.2 | -0.6 | -0.8% |
| 46.9% | 72.4 | 72.1 | -0.3 | -0.4% |
| 48.1% | 72.4 | 72.1 | -0.3 | -0.4% |
| 49.4% | 72.4 | 72.0 | -0.4 | -0.6% |
| 50.6% | 72.4 | 71.9 | -0.4 | -0.6% |
| 51.9% | 72.3 | 71.9 | -0.3 | -0.4% |
| 53.1% | 72.2 | 71.9 | -0.3 | -0.5% |
| 54.3% | 72.1 | 71.9 | -0.3 | -0.4% |
| 55.6% | 72.1 | 71.7 | -0.4 | -0.5% |
| 56.8% | 72.0 | 71.7 | -0.3 | -0.5% |
| 58.0% | 72.0 | 71.7 | -0.3 | -0.4% |
| 59.3% | 71.9 | 71.6 | -0.3 | -0.4% |
| 60.5% | 71.9 | 71.6 | -0.4 | -0.5% |
| 61.7% | 71.8 | 71.5 | -0.3 | -0.4% |
| 63.0% | 71.7 | 71.4 | -0.3 | -0.4% |
| 64.2% | 71.6 | 71.3 | -0.3 | -0.5% |
| 65.4% | 71.5 | 71.3 | -0.3 | -0.4% |
| 66.7% | 71.5 | 71.2 | -0.2 | -0.3% |
| 67.9% | 71.4 | 71.2 | -0.2 | -0.3% |
| 69.1% | 71.4 | 71.0 | -0.4 | -0.6% |
| 70.4% | 71.3 | 71.0 | -0.4 | -0.5% |
| 71.6% | 71.3 | 71.0 | -0.3 | -0.4% |
| 72.8% | 71.3 | 70.9 | -0.3 | -0.5% |
| 74.1% | 71.2 | 70.8 | -0.3 | -0.5% |
| 75.3% | 71.1 | 70.7 | -0.4 | -0.6% |
| 76.5% | 71.1 | 70.7 | -0.5 | -0.6% |
| 77.8% | 71.1 | 70.6 | -0.4 | -0.6% |
| 79.0% | 71.1 | 70.6 | -0.5 | -0.6% |
| 80.2% | 70.9 | 70.6 | -0.4 | -0.5% |
| 81.5% | 70.8 | 70.5 | -0.4 | -0.5% |
| 82.7% | 70.8 | 70.4 | -0.4 | -0.6% |
| 84.0% | 70.8 | 70.1 | -0.7 | -1.0% |
| 85.2% | 70.8 | 70.1 | -0.7 | -1.0% |
| 86.4% | 70.7 | 70.0 | -0.7 | -1.0% |
| 87.7% | 70.7 | 70.0 | -0.7 | -1.0% |
| 88.9% | 70.7 | 69.9 | -0.8 | -1.1% |
| 90.1% | 70.5 | 69.9 | -0.6 | -0.9% |
| 91.4% | 70.5 | 69.8 | -0.6 | -0.9% |
| 92.6% | 70.4 | 69.8 | -0.6 | -0.9% |
| 93.8% | 70.2 | 69.8 | -0.4 | -0.6% |
| 95.1% | 69.9 | 69.6 | -0.3 | -0.4% |
| 96.3% | 69.9 | 69.4 | -0.5 | -0.7% |
| 97.5% | 69.9 | 69.0 | -0.9 | -1.3% |
| 98.8% | 69.8 | 68.6 | -1.2 | -1.7% |
| 100.0% | 69.7 | 68.5 | -1.2 | -1.7% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 79.8 | 80.9 | 1.1 | 1.4% |
| 1.2% | 79.7 | 78.3 | -1.4 | -1.8% |
| 2.5% | 79.3 | 77.8 | -1.5 | -1.9% |
| 3.7% | 78.2 | 77.8 | -0.5 | -0.6% |
| 4.9% | 77.4 | 77.2 | -0.2 | -0.3% |
| 6.2% | 77.4 | 76.7 | -0.7 | -1.0% |
| 7.4% | 77.3 | 76.4 | -0.9 | -1.1% |
| 8.6% | 76.9 | 76.1 | -0.9 | -1.1% |
| 9.9% | 76.5 | 76.0 | -0.5 | -0.7% |
| 11.1% | 76.3 | 75.6 | -0.7 | -0.9% |
| 12.3% | 75.9 | 75.4 | -0.5 | -0.7% |
| 13.6% | 75.7 | 75.3 | -0.4 | -0.5% |
| 14.8% | 75.7 | 75.3 | -0.4 | -0.5% |
| 16.0% | 75.1 | 75.2 | 0.2 | 0.2% |
| 17.3% | 74.8 | 75.2 | 0.4 | 0.6% |
| 18.5% | 74.6 | 75.0 | 0.4 | 0.5% |
| 19.8% | 74.3 | 75.0 | 0.7 | 0.9% |
| 21.0% | 74.2 | 74.0 | -0.2 | -0.3% |
| 22.2% | 74.2 | 73.8 | -0.4 | -0.5% |
| 23.5% | 74.2 | 73.8 | -0.4 | -0.5% |
| 24.7% | 73.8 | 73.4 | -0.4 | -0.5% |
| 25.9% | 73.7 | 73.4 | -0.3 | -0.4% |
| 27.2% | 73.5 | 73.3 | -0.3 | -0.4% |
| 28.4% | 73.5 | 73.0 | -0.5 | -0.7% |
| 29.6% | 73.5 | 72.9 | -0.5 | -0.7% |
| 30.9% | 73.4 | 72.9 | -0.6 | -0.8% |
| 32.1% | 73.4 | 72.9 | -0.5 | -0.7% |
| 33.3% | 73.3 | 72.7 | -0.6 | -0.8% |
| 34.6% | 73.3 | 72.7 | -0.6 | -0.8% |
| 35.8% | 73.2 | 72.7 | -0.5 | -0.7% |
| 37.0% | 73.1 | 72.5 | -0.7 | -0.9% |
| 38.3% | 73.1 | 72.4 | -0.7 | -0.9% |
| 39.5% | 72.9 | 72.3 | -0.6 | -0.9% |
| 40.7% | 72.8 | 72.2 | -0.6 | -0.9% |
| 42.0% | 72.8 | 72.1 | -0.7 | -0.9% |
| 43.2% | 72.6 | 72.1 | -0.5 | -0.7% |
| 44.4% | 72.5 | 72.1 | -0.5 | -0.6% |
| 45.7% | 72.5 | 72.1 | -0.4 | -0.5% |
| 46.9% | 72.4 | 72.1 | -0.3 | -0.5% |
| 48.1% | 72.4 | 72.1 | -0.3 | -0.4% |
| 49.4% | 72.4 | 72.1 | -0.3 | -0.4% |
| 50.6% | 72.3 | 72.0 | -0.4 | -0.5% |
| 51.9% | 72.3 | 71.9 | -0.4 | -0.5% |
| 53.1% | 72.3 | 71.9 | -0.3 | -0.5% |
| 54.3% | 72.3 | 71.9 | -0.4 | -0.5% |
| 55.6% | 72.2 | 71.9 | -0.3 | -0.4% |
| 56.8% | 72.2 | 71.9 | -0.3 | -0.5% |
| 58.0% | 72.2 | 71.9 | -0.3 | -0.4% |
| 59.3% | 72.1 | 71.7 | -0.4 | -0.5% |
| 60.5% | 72.1 | 71.7 | -0.3 | -0.5% |
| 61.7% | 72.0 | 71.6 | -0.4 | -0.6% |
| 63.0% | 72.0 | 71.6 | -0.4 | -0.6% |
| 64.2% | 72.0 | 71.5 | -0.5 | -0.7% |
| 65.4% | 71.9 | 71.5 | -0.4 | -0.6% |
| 66.7% | 71.8 | 71.4 | -0.4 | -0.6% |
| 67.9% | 71.7 | 71.3 | -0.4 | -0.6% |
| 69.1% | 71.7 | 71.3 | -0.4 | -0.6% |
| 70.4% | 71.7 | 71.3 | -0.4 | -0.6% |
| 71.6% | 71.7 | 71.3 | -0.4 | -0.6% |
| 72.8% | 71.7 | 71.2 | -0.5 | -0.6% |
| 74.1% | 71.6 | 71.1 | -0.5 | -0.8% |
| 75.3% | 71.6 | 71.1 | -0.6 | -0.8% |
| 76.5% | 71.6 | 71.0 | -0.6 | -0.8% |
| 77.8% | 71.6 | 71.0 | -0.6 | -0.8% |
| 79.0% | 71.6 | 70.9 | -0.7 | -1.0% |
| 80.2% | 71.6 | 70.9 | -0.7 | -1.0% |
| 81.5% | 71.6 | 70.9 | -0.7 | -1.0% |
| 82.7% | 71.5 | 70.8 | -0.7 | -1.0% |
| 84.0% | 71.4 | 70.7 | -0.7 | -0.9% |
| 85.2% | 71.3 | 70.7 | -0.6 | -0.8% |
| 86.4% | 71.3 | 70.5 | -0.8 | -1.1% |
| 87.7% | 71.3 | 70.5 | -0.8 | -1.1% |
| 88.9% | 71.2 | 70.4 | -0.8 | -1.1% |
| 90.1% | 71.2 | 70.4 | -0.8 | -1.2% |
| 91.4% | 71.1 | 70.3 | -0.8 | -1.1% |
| 92.6% | 71.1 | 70.3 | -0.9 | -1.2% |
| 93.8% | 70.9 | 70.2 | -0.7 | -1.0% |
| 95.1% | 70.8 | 70.1 | -0.7 | -1.0% |
| 96.3% | 70.8 | 70.0 | -0.8 | -1.1% |
| 97.5% | 70.7 | 69.9 | -0.8 | -1.1% |
| 98.8% | 70.5 | 69.3 | -1.2 | -1.8% |
| 100.0% | 70.4 | 69.1 | -1.3 | -1.8% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 80.2 | 79.7 | -0.5 | -0.6% |
| 1.2% | 79.9 | 78.8 | -1.1 | -1.3% |
| 2.5% | 78.4 | 77.5 | -0.9 | -1.1% |
| 3.7% | 77.8 | 77.0 | -0.8 | -1.0% |
| 4.9% | 77.5 | 76.6 | -0.9 | -1.2% |
| 6.2% | 76.9 | 76.6 | -0.3 | -0.4% |
| 7.4% | 76.9 | 76.4 | -0.5 | -0.6% |
| 8.6% | 76.7 | 76.2 | -0.5 | -0.7% |
| 9.9% | 76.7 | 76.2 | -0.5 | -0.7% |
| 11.1% | 76.7 | 76.1 | -0.5 | -0.7% |
| 12.3% | 76.5 | 75.7 | -0.8 | -1.1% |
| 13.6% | 76.3 | 75.4 | -1.0 | -1.3% |
| 14.8% | 75.9 | 75.3 | -0.7 | -0.9% |
| 16.0% | 75.6 | 75.2 | -0.4 | -0.6% |
| 17.3% | 75.6 | 75.2 | -0.4 | -0.6% |
| 18.5% | 75.5 | 75.0 | -0.5 | -0.7% |
| 19.8% | 75.2 | 74.9 | -0.3 | -0.4% |
| 21.0% | 75.2 | 74.4 | -0.8 | -1.0% |
| 22.2% | 75.1 | 74.4 | -0.7 | -1.0% |
| 23.5% | 75.1 | 74.2 | -0.9 | -1.2% |
| 24.7% | 75.0 | 74.2 | -0.8 | -1.1% |
| 25.9% | 74.8 | 74.1 | -0.6 | -0.9% |
| 27.2% | 74.4 | 73.9 | -0.5 | -0.7% |
| 28.4% | 74.4 | 73.9 | -0.5 | -0.7% |
| 29.6% | 74.4 | 73.7 | -0.7 | -0.9% |
| 30.9% | 74.2 | 73.7 | -0.5 | -0.7% |
| 32.1% | 74.2 | 73.4 | -0.8 | -1.1% |
| 33.3% | 74.2 | 73.4 | -0.8 | -1.1% |
| 34.6% | 74.1 | 73.4 | -0.7 | -0.9% |
| 35.8% | 74.0 | 73.3 | -0.7 | -0.9% |
| 37.0% | 73.9 | 73.2 | -0.7 | -1.0% |
| 38.3% | 73.8 | 73.0 | -0.8 | -1.1% |
| 39.5% | 73.8 | 73.0 | -0.8 | -1.0% |
| 40.7% | 73.7 | 73.0 | -0.8 | -1.0% |
| 42.0% | 73.7 | 72.9 | -0.8 | -1.0% |
| 43.2% | 73.5 | 72.9 | -0.6 | -0.8% |
| 44.4% | 73.4 | 72.8 | -0.6 | -0.8% |
| 45.7% | 73.4 | 72.8 | -0.5 | -0.7% |
| 46.9% | 73.2 | 72.8 | -0.4 | -0.6% |
| 48.1% | 73.1 | 72.7 | -0.4 | -0.5% |
| 49.4% | 73.0 | 72.7 | -0.3 | -0.4% |
| 50.6% | 73.0 | 72.7 | -0.3 | -0.4% |
| 51.9% | 72.9 | 72.7 | -0.2 | -0.3% |
| 53.1% | 72.8 | 72.6 | -0.2 | -0.3% |
| 54.3% | 72.7 | 72.5 | -0.3 | -0.4% |
| 55.6% | 72.7 | 72.4 | -0.3 | -0.4% |
| 56.8% | 72.7 | 72.3 | -0.4 | -0.6% |
| 58.0% | 72.6 | 72.3 | -0.4 | -0.5% |
| 59.3% | 72.5 | 72.2 | -0.2 | -0.3% |
| 60.5% | 72.5 | 72.1 | -0.3 | -0.5% |
| 61.7% | 72.4 | 71.9 | -0.5 | -0.8% |
| 63.0% | 72.4 | 71.6 | -0.8 | -1.1% |
| 64.2% | 72.4 | 71.6 | -0.8 | -1.1% |
| 65.4% | 72.4 | 71.6 | -0.8 | -1.1% |
| 66.7% | 72.4 | 71.6 | -0.8 | -1.1% |
| 67.9% | 72.3 | 71.6 | -0.7 | -1.0% |
| 69.1% | 72.3 | 71.5 | -0.7 | -1.0% |
| 70.4% | 72.2 | 71.5 | -0.7 | -1.0% |
| 71.6% | 72.1 | 71.4 | -0.7 | -1.0% |
| 72.8% | 72.1 | 71.3 | -0.7 | -1.0% |
| 74.1% | 71.9 | 71.3 | -0.6 | -0.9% |
| 75.3% | 71.8 | 71.3 | -0.6 | -0.8% |
| 76.5% | 71.8 | 71.2 | -0.5 | -0.8% |
| 77.8% | 71.8 | 71.1 | -0.6 | -0.9% |
| 79.0% | 71.7 | 71.0 | -0.6 | -0.9% |
| 80.2% | 71.4 | 71.0 | -0.4 | -0.6% |
| 81.5% | 71.4 | 70.9 | -0.5 | -0.8% |
| 82.7% | 71.4 | 70.8 | -0.6 | -0.8% |
| 84.0% | 71.3 | 70.7 | -0.7 | -0.9% |
| 85.2% | 71.3 | 70.4 | -0.9 | -1.2% |
| 86.4% | 71.2 | 70.3 | -1.0 | -1.3% |
| 87.7% | 71.2 | 70.2 | -1.0 | -1.4% |
| 88.9% | 71.1 | 70.2 | -0.9 | -1.2% |
| 90.1% | 71.0 | 70.1 | -0.8 | -1.1% |
| 91.4% | 71.0 | 70.1 | -0.9 | -1.2% |
| 92.6% | 70.9 | 69.7 | -1.2 | -1.7% |
| 93.8% | 70.9 | 69.6 | -1.3 | -1.8% |
| 95.1% | 70.7 | 69.6 | -1.1 | -1.6% |
| 96.3% | 70.7 | 69.5 | -1.1 | -1.6% |
| 97.5% | 70.4 | 69.5 | -0.9 | -1.3% |
| 98.8% | 70.4 | 69.3 | -1.1 | -1.6% |
| 100.0% | 70.3 | 68.8 | -1.5 | -2.1% |

**Figure SQ12-1b**
**Trinity River below Lewiston Dam, Monthly Temperature**
**Probability of Exceedance**



## Table SQ12-1b

Trinity River below Lewiston Dam, Monthly Temperature

Probability of Exceedance

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 57.1 | 57.1 | 0.0 | 0.0% | 0.0% | 55.3 | 55.4 | 0.0 | 0.0% | 0.0% | 53.6 | 53.6 | 0.0 | 0.0% | 0.0% | 52.1 | 52.2 | 0.1 | 0.3% |
| 1.2% | 56.3 | 56.4 | 0.1 | 0.1% | 1.2% | 55.1 | 55.1 | 0.0 | 0.0% | 1.2% | 52.4 | 52.4 | 0.0 | 0.0% | 1.2% | 51.6 | 51.6 | 0.0 | 0.0% |
| 2.5% | 56.0 | 56.3 | 0.3 | 0.6% | 2.5% | 54.9 | 55.0 | 0.1 | 0.2% | 2.5% | 52.3 | 52.1 | -0.2 | -0.5% | 2.5% | 51.5 | 51.3 | -0.2 | -0.4% |
| 3.7% | 55.9 | 56.0 | 0.1 | 0.2% | 3.7% | 54.6 | 54.9 | 0.2 | 0.5% | 3.7% | 52.0 | 52.0 | 0.0 | 0.0% | 3.7% | 51.3 | 51.0 | -0.3 | -0.5% |
| 4.9% | 55.8 | 55.8 | 0.0 | 0.0% | 4.9% | 54.6 | 54.9 | 0.2 | 0.4% | 4.9% | 51.9 | 51.8 | -0.1 | -0.2% | 4.9% | 51.2 | 50.8 | -0.4 | -0.9% |
| 6.2% | 55.6 | 55.8 | 0.2 | 0.3% | 6.2% | 54.4 | 54.8 | 0.4 | 0.7% | 6.2% | 51.8 | 51.6 | -0.2 | -0.3% | 6.2% | 50.8 | 50.7 | 0.0 | 0.0% |
| 7.4% | 55.5 | 55.8 | 0.3 | 0.5% | 7.4% | 54.3 | 54.6 | 0.3 | 0.5% | 7.4% | 51.3 | 51.5 | 0.2 | 0.5% | 7.4% | 50.7 | 50.6 | -0.1 | -0.1% |
| 8.6% | 55.5 | 55.7 | 0.2 | 0.3% | 8.6% | 54.0 | 54.5 | 0.5 | 1.0% | 8.6% | 51.3 | 51.2 | -0.1 | -0.1% | 8.6% | 50.4 | 50.4 | 0.0 | -0.1% |
| 9.9% | 55.5 | 55.5 | 0.1 | 0.1% | 9.9% | 53.8 | 54.3 | 0.4 | 0.8% | 9.9% | 51.2 | 51.1 | -0.1 | -0.2% | 9.9% | 50.3 | 50.3 | 0.0 | 0.0% |
| 11.1% | 55.2 | 55.4 | 0.2 | 0.4% | 11.1% | 53.7 | 53.7 | 0.0 | 0.0% | 11.1% | 51.1 | 51.0 | -0.1 | -0.2% | 11.1% | 50.3 | 49.9 | -0.5 | -0.9% |
| 12.3% | 55.1 | 55.4 | 0.3 | 0.6% | 12.3% | 53.3 | 53.7 | 0.4 | 0.7% | 12.3% | 50.8 | 50.8 | 0.0 | 0.0% | 12.3% | 50.3 | 49.8 | -0.4 | -0.9% |
| 13.6% | 54.8 | 55.2 | 0.4 | 0.8% | 13.6% | 53.3 | 53.5 | 0.2 | 0.5% | 13.6% | 50.7 | 50.8 | 0.1 | 0.1% | 13.6% | 50.2 | 49.8 | -0.4 | -0.7% |
| 14.8% | 54.8 | 55.2 | 0.4 | 0.8% | 14.8% | 53.1 | 53.5 | 0.4 | 0.8% | 14.8% | 50.7 | 50.8 | 0.1 | 0.1% | 14.8% | 49.9 | 49.8 | -0.1 | -0.1% |
| 16.0% | 54.8 | 55.0 | 0.3 | 0.5% | 16.0% | 52.9 | 53.4 | 0.5 | 1.0% | 16.0% | 50.6 | 50.7 | 0.0 | 0.1% | 16.0% | 49.8 | 49.8 | 0.0 | 0.0% |
| 17.3% | 54.6 | 55.0 | 0.4 | 0.8% | 17.3% | 52.6 | 53.4 | 0.8 | 1.6% | 17.3% | 50.5 | 50.6 | 0.1 | 0.1% | 17.3% | 49.8 | 49.7 | -0.1 | -0.1% |
| 18.5% | 54.3 | 54.8 | 0.5 | 0.9% | 18.5% | 52.5 | 53.0 | 0.5 | 1.0% | 18.5% | 50.5 | 50.6 | 0.1 | 0.1% | 18.5% | 49.7 | 49.7 | 0.0 | 0.1% |
| 19.8% | 54.2 | 54.6 | 0.3 | 0.6% | 19.8% | 52.4 | 52.8 | 0.4 | 0.7% | 19.8% | 50.5 | 50.6 | 0.0 | 0.1% | 19.8% | 49.7 | 49.7 | 0.0 | 0.0% |
| 21.0% | 54.2 | 54.5 | 0.3 | 0.6% | 21.0% | 52.4 | 52.7 | 0.4 | 0.7% | 21.0% | 50.5 | 50.5 | 0.0 | 0.0% | 21.0% | 49.6 | 49.6 | -0.1 | -0.1% |
| 22.2% | 54.2 | 54.2 | 0.1 | 0.1% | 22.2% | 52.4 | 52.5 | 0.2 | 0.3% | 22.2% | 50.4 | 50.5 | 0.1 | 0.2% | 22.2% | 49.3 | 49.4 | 0.2 | 0.3% |
| 23.5% | 54.0 | 54.2 | 0.2 | 0.4% | 23.5% | 52.3 | 52.4 | 0.2 | 0.3% | 23.5% | 50.3 | 50.4 | 0.1 | 0.2% | 23.5% | 49.2 | 49.4 | 0.1 | 0.3% |
| 24.7% | 53.8 | 54.1 | 0.3 | 0.5% | 24.7% | 52.2 | 52.4 | 0.2 | 0.3% | 24.7% | 50.3 | 50.4 | 0.1 | 0.2% | 24.7% | 49.2 | 49.3 | 0.1 | 0.3% |
| 25.9% | 53.8 | 53.7 | -0.1 | -0.1% | 25.9% | 52.0 | 52.3 | 0.2 | 0.4% | 25.9% | 50.3 | 50.4 | 0.1 | 0.2% | 25.9% | 49.1 | 49.2 | 0.0 | 0.1% |
| 27.2% | 53.7 | 53.2 | -0.5 | -1.0% | 27.2% | 51.9 | 52.2 | 0.3 | 0.6% | 27.2% | 50.2 | 50.2 | 0.0 | -0.1% | 27.2% | 49.1 | 49.1 | 0.1 | 0.1% |
| 28.4% | 53.2 | 53.2 | 0.0 | -0.1% | 28.4% | 51.9 | 52.2 | 0.3 | 0.6% | 28.4% | 50.2 | 50.1 | -0.1 | -0.2% | 28.4% | 49.1 | 49.1 | 0.1 | 0.1% |
| 29.6% | 52.9 | 53.2 | 0.2 | 0.4% | 29.6% | 51.8 | 52.1 | 0.3 | 0.7% | 29.6% | 50.2 | 50.1 | -0.1 | -0.2% | 29.6% | 49.0 | 49.1 | 0.1 | 0.1% |
| 30.9% | 52.9 | 52.6 | -0.3 | -0.6% | 30.9% | 51.8 | 51.8 | 0.1 | 0.1% | 30.9% | 50.2 | 50.0 | -0.1 | -0.2% | 30.9% | 49.0 | 49.1 | 0.1 | 0.2% |
| 32.1% | 52.9 | 52.6 | -0.3 | -0.5% | 32.1% | 51.7 | 51.7 | 0.0 | -0.1% | 32.1% | 50.1 | 50.0 | 0.0 | -0.1% | 32.1% | 49.0 | 49.1 | 0.1 | 0.2% |
| 33.3% | 52.4 | 52.4 | 0.0 | -0.1% | 33.3% | 51.4 | 51.7 | 0.3 | 0.5% | 33.3% | 50.1 | 50.0 | 0.0 | -0.1% | 33.3% | 49.0 | 49.0 | 0.1 | 0.1% |
| 34.6% | 52.4 | 52.4 | 0.0 | 0.0% | 34.6% | 51.3 | 51.6 | 0.2 | 0.4% | 34.6% | 50.1 | 50.0 | -0.1 | -0.1% | 34.6% | 48.9 | 49.0 | 0.1 | 0.1% |
| 35.8% | 52.4 | 52.3 | 0.0 | -0.1% | 35.8% | 51.3 | 51.6 | 0.3 | 0.5% | 35.8% | 50.1 | 50.0 | -0.1 | -0.2% | 35.8% | 48.9 | 49.0 | 0.1 | 0.2% |
| 37.0% | 52.2 | 52.3 | 0.1 | 0.2% | 37.0% | 51.2 | 51.5 | 0.3 | 0.6% | 37.0% | 50.0 | 49.9 | -0.1 | -0.2% | 37.0% | 48.8 | 49.0 | 0.2 | 0.3% |
| 38.3% | 52.1 | 52.2 | 0.1 | 0.2% | 38.3% | 51.1 | 51.5 | 0.4 | 0.8% | 38.3% | 50.0 | 49.8 | -0.2 | -0.3% | 38.3% | 48.8 | 48.9 | 0.1 | 0.3% |
| 39.5% | 52.0 | 52.1 | 0.1 | 0.2% | 39.5% | 51.1 | 51.3 | 0.2 | 0.5% | 39.5% | 49.9 | 49.8 | -0.2 | -0.3% | 39.5% | 48.7 | 48.8 | 0.1 | 0.2% |
| 40.7% | 51.8 | 52.0 | 0.2 | 0.5% | 40.7% | 51.0 | 51.3 | 0.3 | 0.7% | 40.7% | 49.9 | 49.8 | -0.2 | -0.3% | 40.7% | 48.6 | 48.8 | 0.1 | 0.3% |
| 42.0% | 51.8 | 52.0 | 0.2 | 0.3% | 42.0% | 50.7 | 51.2 | 0.5 | 1.0% | 42.0% | 49.7 | 49.7 | -0.1 | -0.1% | 42.0% | 48.6 | 48.7 | 0.1 | 0.2% |
| 43.2% | 51.7 | 51.9 | 0.2 | 0.4% | 43.2% | 50.6 | 51.1 | 0.5 | 1.0% | 43.2% | 49.7 | 49.7 | 0.0 | -0.1% | 43.2% | 48.6 | 48.6 | 0.1 | 0.1% |
| 44.4% | 51.6 | 51.7 | 0.1 | 0.2% | 44.4% | 50.6 | 51.1 | 0.5 | 0.9% | 44.4% | 49.7 | 49.7 | 0.0 | -0.1% | 44.4% | 48.5 | 48.6 | 0.2 | 0.3% |
| 45.7% | 51.6 | 51.6 | -0.1 | -0.1% | 45.7% | 50.6 | 50.8 | 0.2 | 0.4% | 45.7% | 49.6 | 49.6 | 0.0 | 0.0% | 45.7% | 48.3 | 48.3 | 0.0 | -0.1% |
| 46.9% | 51.3 | 51.5 | 0.3 | 0.5% | 46.9% | 50.6 | 50.6 | 0.0 | 0.0% | 46.9% | 49.6 | 49.5 | 0.0 | -0.1% | 46.9% | 48.2 | 48.2 | 0.0 | 0.1% |
| 48.1% | 51.1 | 51.5 | 0.4 | 0.8% | 48.1% | 50.5 | 50.5 | 0.0 | 0.0% | 48.1% | 49.5 | 49.5 | 0.0 | 0.1% | 48.1% | 48.2 | 48.2 | 0.1 | 0.2% |
| 49.4% | 51.0 | 51.3 | 0.3 | 0.5% | 49.4% | 50.4 | 50.3 | -0.1 | -0.3% | 49.4% | 49.5 | 49.5 | 0.0 | 0.0% | 49.4% | 48.2 | 48.2 | 0.1 | 0.2% |
| 50.6% | 51.0 | 51.1 | 0.1 | 0.3% | 50.6% | 50.3 | 50.2 | 0.0 | -0.1% | 50.6% | 49.5 | 49.5 | 0.0 | 0.0% | 50.6% | 48.1 | 48.1 | 0.0 | 0.0% |
| 51.9% | 50.9 | 51.0 | 0.1 | 0.1% | 51.9% | 50.3 | 50.2 | 0.0 | -0.1% | 51.9% | 49.4 | 49.5 | 0.0 | 0.1% | 51.9% | 48.1 | 48.1 | 0.0 | 0.1% |
| 53.1% | 50.9 | 51.0 | 0.1 | 0.3% | 53.1% | 50.2 | 50.2 | -0.1 | -0.2% | 53.1% | 49.4 | 49.3 | -0.1 | -0.2% | 53.1% | 47.9 | 48.0 | 0.0 | 0.1% |
| 54.3% | 50.9 | 50.9 | 0.1 | 0.1% | 54.3% | 50.2 | 50.1 | -0.1 | -0.3% | 54.3% | 49.4 | 49.3 | -0.1 | -0.3% | 54.3% | 47.9 | 47.9 | 0.0 | 0.0% |
| 55.6% | 50.9 | 50.9 | 0.1 | 0.2% | 55.6% | 50.1 | 50.0 | -0.1 | -0.3% | 55.6% | 49.4 | 49.3 | -0.1 | -0.2% | 55.6% | 47.9 | 47.9 | 0.0 | 0.0% |
| 56.8% | 50.8 | 50.8 | 0.0 | 0.0% | 56.8% | 50.1 | 50.0 | -0.1 | -0.3% | 56.8% | 49.3 | 49.3 | -0.1 | -0.1% | 56.8% | 47.7 | 47.7 | 0.0 | -0.1% |
| 58.0% | 50.5 | 50.7 | 0.2 | 0.5% | 58.0% | 50.1 | 50.0 | -0.1 | -0.2% | 58.0% | 49.3 | 49.2 | -0.1 | -0.1% | 58.0% | 47.7 | 47.7 | 0.0 | 0.1% |
| 59.3% | 50.3 | 50.7 | 0.4 | 0.7% | 59.3% | 50.1 | 49.9 | -0.1 | -0.3% | 59.3% | 49.2 | 49.2 | 0.0 | -0.1% | 59.3% | 47.4 | 47.6 | 0.2 | 0.5% |
| 60.5% | 50.3 | 50.6 | 0.3 | 0.6% | 60.5% | 50.1 | 49.9 | -0.1 | -0.3% | 60.5% | 49.2 | 49.2 | 0.0 | -0.1% | 60.5% | 47.4 | 47.5 | 0.1 | 0.3% |
| 61.7% | 50.3 | 50.6 | 0.3 | 0.5% | 61.7% | 50.0 | 49.9 | -0.1 | -0.2% | 61.7% | 49.2 | 49.1 | -0.1 | -0.1% | 61.7% | 47.3 | 47.4 | 0.1 | 0.2% |
| 63.0% | 50.3 | 50.5 | 0.2 | 0.4% | 63.0% | 49.9 | 49.9 | 0.0 | -0.1% | 63.0% | 49.2 | 49.1 | -0.1 | -0.1% | 63.0% | 47.3 | 47.4 | 0.1 | 0.3% |
| 64.2% | 50.3 | 50.5 | 0.2 | 0.5% | 64.2% | 49.9 | 49.9 | 0.0 | -0.1% | 64.2% | 49.2 | 49.0 | -0.1 | -0.3% | 64.2% | 47.2 | 47.3 | 0.1 | 0.2% |
| 65.4% | 50.2 | 50.1 | -0.1 | -0.3% | 65.4% | 49.8 | 49.8 | 0.0 | 0.1% | 65.4% | 49.0 | 49.0 | 0.0 | -0.1% | 65.4% | 46.8 | 47.1 | 0.4 | 0.8% |
| 66.7% | 50.2 | 50.1 | -0.1 | -0.2% | 66.7% | 49.7 | 49.8 | 0.1 | 0.3% | 66.7% | 49.0 | 48.8 | -0.2 | -0.4% | 66.7% | 46.7 | 47.0 | 0.3 | 0.7% |
| 67.9% | 50.2 | 49.9 | -0.2 | -0.5% | 67.9% | 49.7 | 49.7 | 0.0 | 0.0% | 67.9% | 48.9 | 48.7 | -0.2 | -0.4% | 67.9% | 46.7 | 46.8 | 0.1 | 0.3% |
| 69.1% | 50.1 | 49.9 | -0.2 | -0.4% | 69.1% | 49.6 | 49.7 | 0.1 | 0.1% | 69.1% | 48.6 | 48.6 | 0.0 | 0.0% | 69.1% | 46.6 | 46.7 | 0.0 | 0.1% |
| 70.4% | 50.1 | 49.8 | -0.3 | -0.6% | 70.4% | 49.5 | 49.7 | 0.2 | 0.3% | 70.4% | 48.5 | 48.5 | 0.0 | 0.0% | 70.4% | 46.6 | 46.7 | 0.0 | 0.1% |
| 71.6% | 50.0 | 49.8 | -0.2 | -0.4% | 71.6% | 49.4 | 49.6 | 0.2 | 0.5% | 71.6% | 48.0 | 48.2 | 0.2 | 0.5% | 71.6% | 46.6 | 46.6 | 0.0 | 0.0% |
| 72.8% | 50.0 | 49.8 | -0.2 | -0.4% | 72.8% | 49.4 | 49.6 | 0.2 | 0.4% | 72.8% | 47.8 | 48.1 | 0.3 | 0.7% | 72.8% | 46.4 | 46.5 | 0.2 | 0.4% |
| 74.1% | 49.9 | 49.8 | -0.1 | -0.3% | 74.1% | 49.4 | 49.6 | 0.2 | 0.4% | 74.1% | 47.8 | 47.9 | 0.1 | 0.2% | 74.1% | 45.8 | 46.4 | 0.5 | 1.2% |
| 75.3% | 49.9 | 49.7 | -0.2 | -0.3% | 75.3% | 49.3 | 49.6 | 0.2 | 0.5% | 75.3% | 47.2 | 47.6 | 0.5 | 1.0% | 75.3% | 45.6 | 46.3 | 0.7 | 1.5% |
| 76.5% | 49.8 | 49.7 | -0.1 | -0.2% | 76.5% | 49.3 | 49.5 | 0.2 | 0.4% | 76.5% | 47.1 | 47.5 | 0.4 | 0.8% | 76.5% | 45.6 | 46.1 | 0.5 | 1.1% |
| 77.8% | 49.7 | 49.6 | -0.1 | -0.3% | 77.8% | 49.0 | 49.4 | 0.4 | 0.8% | 77.8% | 47.0 | 47.2 | 0.2 | 0.3% | 77.8% | 45.4 | 46.0 | 0.6 | 1.4% |
| 79.0% | 49.6 | 49.5 | 0.0 | -0.1% | 79.0% | 48.9 | 49.4 | 0.5 | 1.1% | 79.0% | 46.6 | 47.1 | 0.5 | 1.0% | 79.0% | 45.2 | 45.8 | 0.6 | 1.4% |
| 80.2% | 49.4 | 49.5 | 0.1 | 0.2% | 80.2% | 48.9 | 49.4 | 0.5 | 1.1% | 80.2% | 46.6 | 46.6 | 0.0 | 0.1% | 80.2% | 45.1 | 45.7 | 0.6 | 1.3% |
| 81.5% | 49.4 | 49.5 | 0.1 | 0.2% | 81.5% | 48.8 | 48.7 | -0.1 | -0.1% | 81.5% | 46.5 | 46.5 | 0.1 | 0.1% | 81.5% | 44.9 | 45.5 | 0.6 | 1.3% |
| 82.7% | 49.4 | 49.3 | -0.1 | -0.1% | 82.7% | 48.8 | 48.4 | -0.4 | -0.8% | 82.7% | 46.4 | 46.4 | -0.1 | -0.1% | 82.7% | 44.8 | 45.3 | 0.5 | 1.1% |
| 84.0% | 49.4 | 49.2 | -0.1 | -0.3% | 84.0% | 48.6 | 48.3 | -0.3 | -0.7% | 84.0% | 46.4 | 46.3 | -0.1 | -0.2% | 84.0% | 44.8 | 45.3 | 0.5 | 1.0% |
| 85.2% | 49.4 | 49.2 | -0.1 | -0.3% | 85.2% | 48.6 | 48.2 | -0.4 | -0.8% | 85.2% | 46.4 | 46.3 | -0.1 | -0.2% | 85.2% | 44.7 | 45.2 | 0.4 | 1.0% |
| 86.4% | 49.3 | 49.2 | -0.1 | -0.2% | 86.4% | 48.4 | 48.1 | -0.3 | -0.6% | 86.4% | 46.3 | 46.3 | -0.1 | -0.2% | 86.4% | 44.7 | 45.0 | 0.3 | 0.7% |
| 87.7% | 49.3 | 49.1 | -0.3 | -0.5% | 87.7% | 48.4 | 48.1 | -0.2 | -0.5% | 87.7% | 46.3 | 46.2 | -0.1 | -0.3% | 87.7% | 44.7 | 44.9 | 0.2 | 0.4% |
| 88.9% | 49.2 | 49.0 | -0.2 | -0.4% | 88.9% | 48.3 | 48.1 | -0.3 | -0.6% | 88.9% | 46.2 | 45.9 | -0.3 | -0.6% | 88.9% | 44.5 | 44.7 | 0.3 | 0.6% |
| 90.1% | 49.2 | 49.0 | -0.2 | -0.5% | 90.1% | 47.9 | 48.0 | 0.0 | 0.0% | 90.1% | 46.1 | 45.9 | -0.2 | -0.4% | 90.1% | 44.4 | 44.7 | 0.3 | 0.7% |
| 91.4% | 49.1 | 48.9 | -0.1 | -0.3% | 91.4% | 47.9 | 48.0 | 0.0 | 0.0% | 91.4% | 45.9 | 45.6 | -0.3 | -0.7% | 91.4% | 44.4 | 44.5 | 0.2 | 0.4% |
| 92.6% | 48.9 | 48.8 | -0.1 | -0.1% | 92.6% | 47.9 | 47.9 | 0.0 | -0.1% | 92.6% | 45.6 | 45.5 | -0.1 | -0.3% | 92.6% | 44.2 | 44.4 | 0.2 | 0.5% |
| 93.8% | 48.8 | 48.7 | 0.0 | 0.0% | 93.8% | 47.7 | 47.9 | 0.1 | 0.2% | 93.8% | 45.6 | 45.3 | -0.2 | -0.5% | 93.8% | 44.1 | 44.4 | 0.2 | 0.6% |
| 95.1% | 48.8 | 48.6 | -0.2 | -0.4% | 95.1% | 47.6 | 47.7 | 0.1 | 0.2% | 95.1% | 44.9 | 44.8 | -0.1 | -0.2% | 95.1% | 43.8 | 44.4 | 0.6 | 1.3% |
| 96.3% | 48.5 | 48.2 | -0.2 | -0.5% | 96.3% | 47.6 | 47.6 | 0.0 | 0.1% | 96.3% | 44.8 | 44.8 | 0.0 | -0.1% | 96.3% | 43.6 | 44.2 | 0.6 | 1.3% |
| 97.5% | 48.3 | 48.2 | 0.0 | -0.1% | 97.5% | 47.4 | 47.3 | -0.1 | -0.3% | 97.5% | 44.7 | 44.5 | -0.1 | -0.3% | 97.5% | 43.4 | 43.6 | 0.2 | 0.4% |
| 98.8% | 47.6 | 48.0 | 0.4 | 0.8% | 98.8% | 46.6 | 46.6 | 0.1 | 0.2% | 98.8% | 44.5 | 44.2 | -0.3 | -0.6% | 98.8% | 43.2 | 43.6 | 0.4 | 0.9% |
| 100.0% | 47.6 | 48.0 | 0.0 | 0.8% | 100.0% | 46.6 | 46.6 | 0.1 | 0.2% | 100.0% | 44.5 | 44.2 | -0.3 | -0.6% | 100.0% | 43.2 | 43.6 | 0.4 | 0.9% |

## Table SQ12-1b

**Trinity River below Lewiston Dam, Monthly Temperature**

**Probability of Exceedance**

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 53.5 | 53.6 | 0.1 | 0.2% | 0.0% | 54.3 | 54.3 | 0.0 | 0.0% | 0.0% | 54.3 | 54.3 | 0.0 | 0.0% | 0.0% | 53.0 | 53.0 | 0.0 | 0.0% |
| 1.2% | 53.0 | 53.0 | 0.0 | 0.0% | 1.2% | 53.4 | 53.4 | 0.0 | 0.0% | 1.2% | 54.0 | 54.0 | 0.0 | 0.0% | 1.2% | 52.9 | 52.9 | 0.0 | 0.0% |
| 2.5% | 52.1 | 51.9 | -0.2 | -0.5% | 2.5% | 53.4 | 53.4 | 0.0 | 0.0% | 2.5% | 53.3 | 53.4 | 0.1 | 0.1% | 2.5% | 51.7 | 52.1 | 0.4 | 0.7% |
| 3.7% | 50.9 | 50.7 | -0.2 | -0.3% | 3.7% | 53.4 | 53.4 | 0.0 | 0.0% | 3.7% | 53.1 | 53.4 | 0.2 | 0.5% | 3.7% | 51.6 | 51.5 | -0.1 | -0.2% |
| 4.9% | 50.8 | 50.6 | -0.2 | -0.3% | 4.9% | 53.2 | 53.2 | 0.0 | 0.0% | 4.9% | 53.1 | 53.1 | 0.0 | 0.0% | 4.9% | 51.5 | 51.4 | -0.1 | -0.1% |
| 6.2% | 50.6 | 50.6 | -0.1 | -0.1% | 6.2% | 52.8 | 52.8 | 0.0 | 0.1% | 6.2% | 53.0 | 53.0 | 0.0 | 0.0% | 6.2% | 50.2 | 49.9 | -0.3 | -0.6% |
| 7.4% | 50.4 | 50.6 | 0.1 | 0.2% | 7.4% | 52.5 | 52.5 | 0.0 | 0.0% | 7.4% | 52.9 | 53.0 | 0.0 | 0.0% | 7.4% | 49.8 | 49.8 | 0.0 | 0.1% |
| 8.6% | 50.3 | 50.4 | 0.1 | 0.2% | 8.6% | 52.5 | 52.3 | -0.2 | -0.3% | 8.6% | 52.7 | 52.7 | 0.0 | 0.0% | 8.6% | 49.7 | 49.8 | 0.1 | 0.1% |
| 9.9% | 50.3 | 50.4 | 0.1 | 0.2% | 9.9% | 52.3 | 52.3 | 0.0 | -0.1% | 9.9% | 52.6 | 52.7 | 0.1 | 0.1% | 9.9% | 49.7 | 49.8 | 0.1 | 0.2% |
| 11.1% | 50.1 | 50.3 | 0.3 | 0.5% | 11.1% | 52.2 | 52.2 | 0.0 | 0.0% | 11.1% | 52.6 | 52.6 | 0.0 | 0.0% | 11.1% | 49.7 | 49.7 | 0.1 | 0.1% |
| 12.3% | 50.1 | 50.3 | 0.2 | 0.5% | 12.3% | 52.2 | 52.2 | 0.0 | 0.0% | 12.3% | 52.5 | 52.6 | 0.1 | 0.2% | 12.3% | 49.5 | 49.6 | 0.1 | 0.3% |
| 13.6% | 50.0 | 50.2 | 0.1 | 0.3% | 13.6% | 52.1 | 52.0 | 0.0 | 0.0% | 13.6% | 52.4 | 52.5 | 0.1 | 0.2% | 13.6% | 49.3 | 49.5 | 0.2 | 0.3% |
| 14.8% | 49.9 | 50.0 | 0.1 | 0.1% | 14.8% | 52.0 | 52.0 | 0.0 | 0.0% | 14.8% | 52.4 | 52.4 | 0.1 | 0.1% | 14.8% | 49.3 | 49.4 | 0.1 | 0.2% |
| 16.0% | 49.9 | 50.0 | 0.1 | 0.2% | 16.0% | 52.0 | 52.0 | 0.0 | 0.0% | 16.0% | 52.3 | 52.4 | 0.0 | 0.1% | 16.0% | 49.2 | 49.3 | 0.1 | 0.1% |
| 17.3% | 49.9 | 49.9 | 0.0 | -0.1% | 17.3% | 52.0 | 51.9 | 0.0 | -0.1% | 17.3% | 52.2 | 52.3 | 0.0 | 0.1% | 17.3% | 49.2 | 49.3 | 0.1 | 0.1% |
| 18.5% | 49.8 | 49.9 | 0.0 | 0.1% | 18.5% | 52.0 | 51.9 | 0.0 | -0.1% | 18.5% | 52.2 | 52.2 | 0.0 | 0.0% | 18.5% | 49.2 | 49.2 | 0.0 | 0.1% |
| 19.8% | 49.8 | 49.8 | 0.0 | 0.0% | 19.8% | 51.9 | 51.7 | -0.2 | -0.4% | 19.8% | 52.1 | 52.2 | 0.1 | 0.1% | 19.8% | 49.0 | 49.2 | 0.2 | 0.4% |
| 21.0% | 49.7 | 49.8 | 0.1 | 0.2% | 21.0% | 51.8 | 51.6 | -0.1 | -0.3% | 21.0% | 52.1 | 52.1 | 0.1 | 0.2% | 21.0% | 48.8 | 49.0 | 0.1 | 0.3% |
| 22.2% | 49.7 | 49.8 | 0.1 | 0.2% | 22.2% | 51.7 | 51.5 | -0.2 | -0.4% | 22.2% | 52.0 | 52.1 | 0.1 | 0.2% | 22.2% | 48.7 | 48.8 | 0.2 | 0.3% |
| 23.5% | 49.7 | 49.8 | 0.1 | 0.2% | 23.5% | 51.6 | 51.4 | -0.2 | -0.4% | 23.5% | 52.0 | 52.0 | 0.0 | 0.0% | 23.5% | 48.4 | 48.7 | 0.3 | 0.6% |
| 24.7% | 49.6 | 49.7 | 0.1 | 0.1% | 24.7% | 51.6 | 51.4 | -0.2 | -0.4% | 24.7% | 52.0 | 52.0 | 0.0 | 0.0% | 24.7% | 48.3 | 48.3 | 0.0 | 0.1% |
| 25.9% | 49.6 | 49.7 | 0.1 | 0.1% | 25.9% | 51.6 | 51.4 | -0.2 | -0.4% | 25.9% | 52.0 | 52.0 | 0.0 | 0.0% | 25.9% | 48.1 | 48.3 | 0.2 | 0.4% |
| 27.2% | 49.5 | 49.6 | 0.1 | 0.2% | 27.2% | 51.4 | 51.3 | -0.1 | -0.2% | 27.2% | 52.0 | 52.0 | 0.0 | 0.1% | 27.2% | 47.7 | 47.9 | 0.2 | 0.4% |
| 28.4% | 49.5 | 49.5 | 0.0 | 0.0% | 28.4% | 51.3 | 51.3 | 0.0 | -0.1% | 28.4% | 51.9 | 52.0 | 0.0 | 0.1% | 28.4% | 47.7 | 47.8 | 0.1 | 0.1% |
| 29.6% | 49.5 | 49.5 | 0.1 | 0.2% | 29.6% | 51.3 | 51.3 | -0.1 | -0.1% | 29.6% | 51.9 | 52.0 | 0.0 | 0.1% | 29.6% | 47.7 | 47.7 | 0.0 | 0.0% |
| 30.9% | 49.4 | 49.5 | 0.0 | 0.1% | 30.9% | 51.3 | 51.1 | -0.2 | -0.3% | 30.9% | 51.9 | 51.9 | 0.0 | 0.1% | 30.9% | 47.5 | 47.6 | 0.0 | 0.0% |
| 32.1% | 49.4 | 49.5 | 0.1 | 0.2% | 32.1% | 51.3 | 51.1 | -0.1 | -0.3% | 32.1% | 51.8 | 51.8 | 0.0 | 0.0% | 32.1% | 47.5 | 47.5 | 0.0 | -0.1% |
| 33.3% | 49.1 | 49.4 | 0.3 | 0.6% | 33.3% | 51.1 | 51.0 | -0.1 | -0.3% | 33.3% | 51.8 | 51.8 | 0.0 | 0.0% | 33.3% | 47.3 | 47.4 | 0.0 | 0.1% |
| 34.6% | 49.1 | 49.3 | 0.1 | 0.3% | 34.6% | 51.0 | 50.8 | -0.2 | -0.4% | 34.6% | 51.8 | 51.8 | 0.0 | 0.0% | 34.6% | 47.2 | 47.3 | 0.1 | 0.1% |
| 35.8% | 49.1 | 49.2 | 0.1 | 0.2% | 35.8% | 50.9 | 50.8 | -0.1 | -0.1% | 35.8% | 51.8 | 51.8 | 0.0 | 0.0% | 35.8% | 47.2 | 47.2 | -0.1 | -0.1% |
| 37.0% | 49.0 | 49.1 | 0.1 | 0.1% | 37.0% | 50.8 | 50.5 | -0.3 | -0.6% | 37.0% | 51.6 | 51.7 | 0.1 | 0.1% | 37.0% | 47.1 | 47.1 | 0.0 | 0.0% |
| 38.3% | 49.0 | 49.1 | 0.1 | 0.2% | 38.3% | 50.8 | 50.4 | -0.4 | -0.8% | 38.3% | 51.6 | 51.6 | 0.0 | 0.0% | 38.3% | 47.0 | 46.9 | 0.0 | -0.1% |
| 39.5% | 48.9 | 49.0 | 0.1 | 0.2% | 39.5% | 50.7 | 50.4 | -0.3 | -0.6% | 39.5% | 51.6 | 51.6 | 0.0 | 0.0% | 39.5% | 46.8 | 46.8 | 0.0 | 0.0% |
| 40.7% | 48.8 | 49.0 | 0.2 | 0.5% | 40.7% | 50.6 | 50.4 | -0.2 | -0.5% | 40.7% | 51.6 | 51.6 | 0.0 | 0.0% | 40.7% | 46.7 | 46.8 | 0.1 | 0.3% |
| 42.0% | 48.4 | 48.9 | 0.5 | 1.1% | 42.0% | 50.5 | 50.2 | -0.3 | -0.6% | 42.0% | 51.5 | 51.6 | 0.0 | 0.1% | 42.0% | 46.7 | 46.7 | 0.0 | 0.1% |
| 43.2% | 48.3 | 48.8 | 0.5 | 1.0% | 43.2% | 50.4 | 50.2 | -0.2 | -0.5% | 43.2% | 51.5 | 51.6 | 0.1 | 0.1% | 43.2% | 46.6 | 46.5 | 0.0 | 0.0% |
| 44.4% | 48.3 | 48.3 | 0.1 | 0.2% | 44.4% | 50.3 | 50.1 | -0.3 | -0.5% | 44.4% | 51.5 | 51.5 | 0.0 | 0.0% | 44.4% | 46.4 | 46.4 | 0.0 | 0.0% |
| 45.7% | 48.1 | 48.3 | 0.3 | 0.6% | 45.7% | 50.0 | 50.0 | 0.0 | 0.0% | 45.7% | 51.4 | 51.5 | 0.0 | 0.1% | 45.7% | 46.4 | 46.4 | 0.0 | 0.0% |
| 46.9% | 48.0 | 48.0 | 0.0 | -0.1% | 46.9% | 50.0 | 50.0 | 0.0 | 0.0% | 46.9% | 51.4 | 51.4 | 0.0 | 0.0% | 46.9% | 46.1 | 46.0 | -0.1 | -0.2% |
| 48.1% | 48.0 | 47.9 | 0.0 | -0.1% | 48.1% | 49.9 | 50.0 | 0.1 | 0.2% | 48.1% | 51.4 | 51.4 | 0.1 | 0.1% | 48.1% | 45.9 | 45.9 | 0.0 | 0.0% |
| 49.4% | 47.9 | 47.8 | -0.2 | -0.3% | 49.4% | 49.9 | 49.9 | 0.0 | 0.0% | 49.4% | 51.3 | 51.4 | 0.1 | 0.2% | 49.4% | 45.8 | 45.8 | 0.0 | 0.0% |
| 50.6% | 47.8 | 47.8 | -0.1 | -0.1% | 50.6% | 49.8 | 49.7 | -0.1 | -0.2% | 50.6% | 51.3 | 51.2 | -0.1 | -0.2% | 50.6% | 45.8 | 45.8 | 0.0 | 0.0% |
| 51.9% | 47.8 | 47.7 | 0.0 | -0.1% | 51.9% | 49.7 | 49.5 | -0.2 | -0.4% | 51.9% | 51.2 | 51.2 | 0.0 | -0.1% | 51.9% | 45.7 | 45.7 | 0.1 | 0.1% |
| 53.1% | 47.7 | 47.6 | -0.1 | -0.2% | 53.1% | 49.7 | 49.5 | -0.2 | -0.5% | 53.1% | 51.2 | 51.1 | -0.1 | -0.1% | 53.1% | 45.7 | 45.7 | 0.0 | 0.0% |
| 54.3% | 47.7 | 47.6 | -0.1 | -0.2% | 54.3% | 49.6 | 49.4 | -0.2 | -0.4% | 54.3% | 51.2 | 50.9 | -0.2 | -0.5% | 54.3% | 45.6 | 45.6 | 0.0 | 0.0% |
| 55.6% | 47.6 | 47.6 | -0.1 | -0.1% | 55.6% | 49.5 | 49.4 | -0.1 | -0.3% | 55.6% | 51.0 | 50.9 | -0.2 | -0.3% | 55.6% | 45.6 | 45.6 | 0.0 | 0.0% |
| 56.8% | 47.6 | 47.4 | -0.2 | -0.5% | 56.8% | 49.5 | 49.3 | -0.2 | -0.3% | 56.8% | 50.9 | 50.9 | 0.0 | 0.0% | 56.8% | 45.6 | 45.6 | 0.0 | 0.0% |
| 58.0% | 47.6 | 47.3 | -0.3 | -0.6% | 58.0% | 49.4 | 49.2 | -0.2 | -0.4% | 58.0% | 50.9 | 50.9 | 0.0 | 0.0% | 58.0% | 45.5 | 45.4 | 0.0 | -0.1% |
| 59.3% | 47.4 | 47.3 | -0.2 | -0.3% | 59.3% | 49.3 | 49.1 | -0.2 | -0.5% | 59.3% | 50.9 | 50.8 | -0.1 | -0.1% | 59.3% | 45.5 | 45.4 | 0.0 | 0.0% |
| 60.5% | 47.3 | 47.1 | -0.2 | -0.5% | 60.5% | 49.3 | 49.1 | -0.2 | -0.5% | 60.5% | 50.8 | 50.8 | -0.1 | -0.1% | 60.5% | 45.4 | 45.4 | 0.0 | 0.0% |
| 61.7% | 47.3 | 47.0 | -0.2 | -0.5% | 61.7% | 49.2 | 49.0 | -0.2 | -0.4% | 61.7% | 50.8 | 50.8 | 0.0 | 0.0% | 61.7% | 45.4 | 45.4 | 0.0 | 0.1% |
| 63.0% | 47.2 | 47.0 | -0.2 | -0.5% | 63.0% | 49.1 | 48.9 | -0.2 | -0.4% | 63.0% | 50.7 | 50.7 | 0.0 | 0.0% | 63.0% | 45.3 | 45.3 | 0.0 | 0.0% |
| 64.2% | 47.2 | 46.9 | -0.3 | -0.5% | 64.2% | 49.1 | 48.9 | -0.2 | -0.4% | 64.2% | 50.7 | 50.7 | 0.0 | 0.0% | 64.2% | 45.3 | 45.2 | 0.0 | -0.1% |
| 65.4% | 47.0 | 46.9 | -0.1 | -0.2% | 65.4% | 49.1 | 48.8 | -0.2 | -0.4% | 65.4% | 50.7 | 50.7 | 0.0 | 0.0% | 65.4% | 45.2 | 45.2 | 0.0 | 0.1% |
| 66.7% | 46.9 | 46.9 | 0.0 | -0.1% | 66.7% | 48.9 | 48.8 | -0.1 | -0.1% | 66.7% | 50.7 | 50.5 | -0.1 | -0.2% | 66.7% | 45.2 | 45.1 | 0.0 | -0.1% |
| 67.9% | 46.9 | 46.8 | -0.1 | -0.1% | 67.9% | 48.9 | 48.8 | 0.0 | -0.1% | 67.9% | 50.5 | 50.5 | 0.0 | -0.1% | 67.9% | 45.1 | 45.1 | 0.0 | -0.1% |
| 69.1% | 46.8 | 46.7 | -0.1 | -0.2% | 69.1% | 48.8 | 48.7 | -0.1 | -0.2% | 69.1% | 50.3 | 50.5 | 0.1 | 0.2% | 69.1% | 45.1 | 45.1 | 0.0 | -0.1% |
| 70.4% | 46.7 | 46.7 | -0.1 | -0.2% | 70.4% | 48.7 | 48.7 | 0.0 | 0.0% | 70.4% | 50.3 | 50.5 | 0.2 | 0.4% | 70.4% | 45.1 | 45.0 | 0.0 | 0.0% |
| 71.6% | 46.7 | 46.6 | -0.1 | -0.2% | 71.6% | 48.7 | 48.7 | 0.0 | 0.0% | 71.6% | 50.3 | 50.3 | 0.0 | 0.0% | 71.6% | 45.1 | 45.0 | -0.1 | -0.1% |
| 72.8% | 46.7 | 46.5 | -0.2 | -0.4% | 72.8% | 48.6 | 48.6 | 0.0 | 0.0% | 72.8% | 49.6 | 50.2 | 0.6 | 1.2% | 72.8% | 45.0 | 45.0 | -0.1 | -0.1% |
| 74.1% | 46.5 | 46.4 | -0.1 | -0.2% | 74.1% | 48.6 | 48.6 | 0.0 | 0.0% | 74.1% | 49.5 | 49.6 | 0.1 | 0.2% | 74.1% | 45.0 | 45.0 | -0.1 | -0.2% |
| 75.3% | 46.5 | 46.3 | -0.1 | -0.3% | 75.3% | 48.5 | 48.6 | 0.1 | 0.1% | 75.3% | 49.4 | 49.5 | 0.1 | 0.2% | 75.3% | 45.0 | 45.0 | 0.0 | 0.0% |
| 76.5% | 46.3 | 46.3 | 0.0 | -0.1% | 76.5% | 48.4 | 48.6 | 0.2 | 0.4% | 76.5% | 49.4 | 49.4 | 0.0 | 0.0% | 76.5% | 44.9 | 44.9 | 0.0 | 0.0% |
| 77.8% | 46.1 | 46.1 | 0.0 | 0.1% | 77.8% | 48.3 | 48.4 | 0.1 | 0.2% | 77.8% | 49.4 | 49.4 | 0.0 | 0.0% | 77.8% | 44.9 | 44.9 | 0.0 | 0.0% |
| 79.0% | 45.9 | 45.9 | 0.0 | 0.0% | 79.0% | 48.1 | 48.3 | 0.2 | 0.3% | 79.0% | 49.3 | 49.3 | 0.0 | 0.0% | 79.0% | 44.9 | 44.9 | 0.0 | 0.0% |
| 80.2% | 45.8 | 45.5 | -0.3 | -0.6% | 80.2% | 48.0 | 48.3 | 0.3 | 0.5% | 80.2% | 49.1 | 49.3 | 0.2 | 0.3% | 80.2% | 44.9 | 44.9 | 0.0 | 0.0% |
| 81.5% | 45.7 | 45.5 | -0.2 | -0.4% | 81.5% | 47.5 | 48.0 | 0.5 | 1.0% | 81.5% | 49.1 | 49.0 | -0.1 | -0.2% | 81.5% | 44.8 | 44.8 | 0.0 | 0.0% |
| 82.7% | 45.6 | 45.4 | -0.2 | -0.4% | 82.7% | 47.5 | 47.5 | 0.0 | -0.1% | 82.7% | 49.0 | 48.9 | -0.1 | -0.2% | 82.7% | 44.8 | 44.7 | 0.0 | -0.1% |
| 84.0% | 45.4 | 45.3 | 0.0 | 0.0% | 84.0% | 47.4 | 47.5 | 0.1 | 0.2% | 84.0% | 48.8 | 48.9 | 0.0 | 0.1% | 84.0% | 44.7 | 44.7 | 0.0 | 0.0% |
| 85.2% | 45.3 | 45.3 | 0.0 | 0.0% | 85.2% | 47.2 | 47.4 | 0.2 | 0.5% | 85.2% | 48.8 | 48.7 | -0.1 | -0.3% | 85.2% | 44.6 | 44.7 | 0.1 | 0.1% |
| 86.4% | 45.0 | 45.3 | 0.3 | 0.6% | 86.4% | 47.1 | 47.1 | 0.0 | 0.0% | 86.4% | 48.6 | 48.6 | 0.0 | 0.0% | 86.4% | 44.6 | 44.7 | 0.0 | 0.1% |
| 87.7% | 44.8 | 45.1 | 0.2 | 0.5% | 87.7% | 46.9 | 46.9 | 0.1 | 0.1% | 87.7% | 48.6 | 48.6 | 0.0 | 0.0% | 87.7% | 44.6 | 44.6 | 0.0 | 0.0% |
| 88.9% | 44.1 | 44.5 | 0.4 | 0.8% | 88.9% | 46.4 | 46.8 | 0.5 | 1.0% | 88.9% | 48.4 | 48.3 | -0.1 | -0.2% | 88.9% | 44.6 | 44.6 | 0.0 | 0.0% |
| 90.1% | 44.0 | 44.1 | 0.0 | 0.1% | 90.1% | 46.3 | 46.4 | 0.1 | 0.2% | 90.1% | 48.4 | 48.1 | -0.3 | -0.6% | 90.1% | 44.5 | 44.5 | 0.0 | 0.0% |
| 91.4% | 44.0 | 44.0 | 0.0 | -0.1% | 91.4% | 45.5 | 45.5 | 0.0 | 0.0% | 91.4% | 48.1 | 47.7 | -0.3 | -0.7% | 91.4% | 44.3 | 44.3 | 0.0 | 0.0% |
| 92.6% | 43.7 | 44.0 | 0.2 | 0.5% | 92.6% | 44.8 | 44.8 | 0.0 | 0.0% | 92.6% | 47.7 | 47.6 | -0.2 | -0.4% | 92.6% | 44.2 | 44.2 | 0.0 | 0.0% |
| 93.8% | 43.5 | 43.5 | 0.1 | 0.1% | 93.8% | 44.3 | 44.4 | 0.1 | 0.2% | 93.8% | 47.6 | 47.3 | -0.2 | -0.5% | 93.8% | 44.2 | 44.2 | 0.0 | 0.0% |
| 95.1% | 43.2 | 43.4 | 0.1 | 0.3% | 95.1% | 44.3 | 44.3 | -0.1 | -0.1% | 95.1% | 47.3 | 47.2 | -0.2 | -0.3% | 95.1% | 44.2 | 44.2 | 0.0 | 0.0% |
| 96.3% | 43.2 | 43.3 | 0.1 | 0.2% | 96.3% | 44.1 | 44.1 | 0.0 | 0.0% | 96.3% | 47.2 | 46.7 | -0.5 | -1.0% | 96.3% | 44.2 | 44.2 | 0.0 | 0.0% |
| 97.5% | 43.2 | 43.1 | -0.1 | -0.3% | 97.5% | 43.8 | 43.7 | -0.1 | -0.2% | 97.5% | 46.7 | 46.2 | -0.5 | -1.1% | 97.5% | 44.1 | 44.1 | 0.0 | -0.1% |
| 98.8% | 43.0 | 43.0 | 0.0 | 0.0% | 98.8% | 43.8 | 43.6 | -0.2 | -0.4% | 98.8% | 46.0 | 46.1 | 0.0 | 0.0% | 98.8% | 43.8 | 43.9 | 0.1 | 0.2% |
| 100.0% | 43.0 | 43.0 | 0.0 | 0.0% | 100.0% | 43.8 | 43.6 | -0.2 | -0.4% | 100.0% | 46.0 | 46.1 | 0.0 | 0.0% | 100.0% | 43.8 | 43.9 | 0.1 | 0.2% |

## Table SQ12-1b

**Trinity River below Lewiston Dam, Monthly Temperature**

**Probability of Exceedance**

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 58.4 | 58.4 | 0.0 | 0.0% | 0.0% | 55.5 | 58.0 | 2.5 | 4.5% | 0.0% | 61.3 | 58.6 | -2.7 | -4.4% | 0.0% | 61.2 | 59.9 | -1.4 | -2.2% |
| 1.2% | 56.1 | 56.1 | 0.0 | 0.0% | 1.2% | 54.6 | 55.5 | 1.0 | 1.8% | 1.2% | 55.6 | 54.7 | -0.9 | -1.6% | 1.2% | 55.9 | 55.9 | -0.1 | -0.1% |
| 2.5% | 55.7 | 55.7 | 0.0 | 0.0% | 2.5% | 54.4 | 54.5 | 0.2 | 0.3% | 2.5% | 54.7 | 54.7 | -0.1 | -0.1% | 2.5% | 55.4 | 55.4 | 0.0 | 0.0% |
| 3.7% | 55.4 | 55.5 | 0.1 | 0.2% | 3.7% | 53.7 | 54.3 | 0.7 | 1.3% | 3.7% | 54.6 | 53.6 | -1.0 | -1.8% | 3.7% | 55.0 | 55.0 | 0.1 | 0.1% |
| 4.9% | 55.3 | 55.2 | -0.1 | -0.2% | 4.9% | 53.4 | 53.6 | 0.2 | 0.4% | 4.9% | 53.8 | 53.3 | -0.5 | -0.9% | 4.9% | 54.4 | 54.5 | 0.1 | 0.1% |
| 6.2% | 54.7 | 54.9 | 0.2 | 0.3% | 6.2% | 53.3 | 53.4 | 0.1 | 0.1% | 6.2% | 53.5 | 53.1 | -0.4 | -0.7% | 6.2% | 54.3 | 54.2 | 0.0 | 0.0% |
| 7.4% | 54.6 | 54.7 | 0.1 | 0.1% | 7.4% | 53.3 | 53.4 | 0.0 | 0.0% | 7.4% | 53.5 | 52.9 | -0.6 | -1.1% | 7.4% | 54.0 | 54.0 | 0.0 | 0.0% |
| 8.6% | 54.1 | 54.7 | 0.6 | 1.1% | 8.6% | 53.3 | 53.3 | 0.1 | 0.1% | 8.6% | 53.4 | 52.9 | -0.6 | -1.1% | 8.6% | 53.9 | 53.9 | 0.1 | 0.1% |
| 9.9% | 53.7 | 54.5 | 0.8 | 1.5% | 9.9% | 53.1 | 53.3 | 0.2 | 0.3% | 9.9% | 53.3 | 52.9 | -0.4 | -0.8% | 9.9% | 53.7 | 53.7 | 0.0 | 0.0% |
| 11.1% | 53.0 | 53.7 | 0.7 | 1.3% | 11.1% | 52.7 | 52.9 | 0.3 | 0.5% | 11.1% | 53.2 | 52.9 | -0.3 | -0.6% | 11.1% | 53.5 | 53.6 | 0.1 | 0.2% |
| 12.3% | 52.5 | 53.4 | 0.9 | 1.8% | 12.3% | 52.6 | 52.7 | 0.1 | 0.3% | 12.3% | 53.0 | 52.7 | -0.3 | -0.6% | 12.3% | 53.4 | 53.5 | 0.1 | 0.2% |
| 13.6% | 52.4 | 53.1 | 0.7 | 1.3% | 13.6% | 52.4 | 52.7 | 0.3 | 0.5% | 13.6% | 52.8 | 52.7 | -0.1 | -0.2% | 13.6% | 53.3 | 53.3 | 0.0 | 0.1% |
| 14.8% | 52.2 | 52.6 | 0.4 | 0.7% | 14.8% | 52.4 | 52.6 | 0.2 | 0.4% | 14.8% | 52.7 | 52.7 | 0.0 | -0.1% | 14.8% | 53.2 | 53.3 | 0.1 | 0.1% |
| 16.0% | 52.2 | 52.5 | 0.3 | 0.5% | 16.0% | 52.2 | 52.4 | 0.1 | 0.2% | 16.0% | 52.5 | 52.5 | 0.0 | 0.1% | 16.0% | 53.2 | 53.2 | 0.0 | 0.1% |
| 17.3% | 52.1 | 52.3 | 0.2 | 0.4% | 17.3% | 52.1 | 52.2 | 0.1 | 0.2% | 17.3% | 52.4 | 52.3 | -0.1 | -0.1% | 17.3% | 53.1 | 53.1 | 0.1 | 0.1% |
| 18.5% | 51.9 | 52.2 | 0.3 | 0.6% | 18.5% | 52.1 | 52.1 | 0.0 | 0.0% | 18.5% | 52.3 | 52.3 | 0.0 | 0.1% | 18.5% | 53.1 | 53.1 | 0.0 | 0.0% |
| 19.8% | 51.8 | 52.1 | 0.3 | 0.5% | 19.8% | 52.1 | 52.0 | -0.1 | -0.1% | 19.8% | 52.2 | 52.2 | 0.0 | -0.1% | 19.8% | 53.0 | 53.1 | 0.1 | 0.2% |
| 21.0% | 51.8 | 51.7 | -0.1 | -0.2% | 21.0% | 52.1 | 52.0 | -0.1 | -0.2% | 21.0% | 52.2 | 52.1 | -0.1 | -0.2% | 21.0% | 53.0 | 53.0 | 0.0 | 0.1% |
| 22.2% | 51.8 | 51.7 | -0.1 | -0.1% | 22.2% | 52.0 | 52.0 | 0.0 | -0.1% | 22.2% | 52.0 | 52.1 | 0.1 | 0.2% | 22.2% | 52.6 | 52.9 | 0.4 | 0.7% |
| 23.5% | 51.7 | 51.6 | 0.0 | -0.1% | 23.5% | 51.9 | 51.9 | -0.1 | -0.1% | 23.5% | 51.9 | 52.0 | 0.1 | 0.1% | 23.5% | 52.5 | 52.8 | 0.3 | 0.6% |
| 24.7% | 51.6 | 51.6 | 0.0 | 0.0% | 24.7% | 51.8 | 51.9 | 0.1 | 0.2% | 24.7% | 51.9 | 51.9 | 0.1 | 0.1% | 24.7% | 52.5 | 52.8 | 0.3 | 0.5% |
| 25.9% | 51.6 | 51.4 | -0.2 | -0.4% | 25.9% | 51.8 | 51.8 | 0.1 | 0.2% | 25.9% | 51.9 | 51.8 | 0.0 | -0.1% | 25.9% | 52.4 | 52.7 | 0.2 | 0.5% |
| 27.2% | 51.4 | 51.4 | 0.0 | -0.1% | 27.2% | 51.7 | 51.8 | 0.1 | 0.1% | 27.2% | 51.8 | 51.7 | -0.1 | -0.1% | 27.2% | 52.4 | 52.6 | 0.2 | 0.3% |
| 28.4% | 51.4 | 51.4 | 0.0 | -0.1% | 28.4% | 51.7 | 51.8 | 0.1 | 0.1% | 28.4% | 51.7 | 51.5 | -0.2 | -0.4% | 28.4% | 52.4 | 52.5 | 0.1 | 0.2% |
| 29.6% | 51.4 | 51.4 | 0.0 | -0.1% | 29.6% | 51.7 | 51.8 | 0.1 | 0.1% | 29.6% | 51.7 | 51.4 | -0.2 | -0.4% | 29.6% | 52.2 | 52.3 | 0.1 | 0.3% |
| 30.9% | 51.4 | 51.4 | 0.0 | 0.0% | 30.9% | 51.7 | 51.8 | 0.1 | 0.1% | 30.9% | 51.6 | 51.4 | -0.3 | -0.5% | 30.9% | 52.2 | 52.3 | 0.1 | 0.2% |
| 32.1% | 51.3 | 51.2 | -0.1 | -0.3% | 32.1% | 51.7 | 51.8 | 0.1 | 0.2% | 32.1% | 51.6 | 51.3 | -0.3 | -0.6% | 32.1% | 52.0 | 52.2 | 0.3 | 0.5% |
| 33.3% | 51.2 | 51.2 | 0.0 | -0.1% | 33.3% | 51.7 | 51.7 | 0.0 | 0.1% | 33.3% | 51.5 | 51.2 | -0.3 | -0.6% | 33.3% | 51.9 | 52.0 | 0.1 | 0.2% |
| 34.6% | 51.2 | 51.1 | -0.1 | -0.1% | 34.6% | 51.6 | 51.7 | 0.1 | 0.2% | 34.6% | 51.5 | 51.1 | -0.4 | -0.7% | 34.6% | 51.9 | 51.9 | 0.1 | 0.1% |
| 35.8% | 51.0 | 51.0 | -0.1 | -0.1% | 35.8% | 51.4 | 51.6 | 0.3 | 0.6% | 35.8% | 51.5 | 51.1 | -0.4 | -0.7% | 35.8% | 51.8 | 51.9 | 0.1 | 0.2% |
| 37.0% | 51.0 | 50.8 | -0.2 | -0.3% | 37.0% | 51.3 | 51.5 | 0.2 | 0.3% | 37.0% | 51.2 | 51.0 | -0.2 | -0.5% | 37.0% | 51.7 | 51.6 | -0.1 | -0.2% |
| 38.3% | 51.0 | 50.8 | -0.2 | -0.4% | 38.3% | 51.3 | 51.5 | 0.2 | 0.4% | 38.3% | 51.2 | 51.0 | -0.2 | -0.4% | 38.3% | 51.7 | 51.6 | -0.1 | -0.1% |
| 39.5% | 50.8 | 50.5 | -0.3 | -0.5% | 39.5% | 51.3 | 51.5 | 0.2 | 0.4% | 39.5% | 51.1 | 50.8 | -0.3 | -0.6% | 39.5% | 51.6 | 51.4 | -0.3 | -0.5% |
| 40.7% | 50.8 | 50.5 | -0.2 | -0.5% | 40.7% | 51.2 | 51.4 | 0.2 | 0.4% | 40.7% | 51.0 | 50.8 | -0.2 | -0.4% | 40.7% | 51.3 | 51.1 | -0.1 | -0.2% |
| 42.0% | 50.8 | 50.5 | -0.2 | -0.5% | 42.0% | 51.2 | 51.4 | 0.2 | 0.4% | 42.0% | 51.0 | 50.8 | -0.2 | -0.4% | 42.0% | 51.2 | 51.0 | -0.2 | -0.3% |
| 43.2% | 50.6 | 50.4 | -0.2 | -0.5% | 43.2% | 51.0 | 51.3 | 0.3 | 0.6% | 43.2% | 50.9 | 50.7 | -0.2 | -0.4% | 43.2% | 51.1 | 51.0 | -0.1 | -0.2% |
| 44.4% | 50.5 | 50.4 | -0.1 | -0.3% | 44.4% | 51.0 | 51.3 | 0.4 | 0.7% | 44.4% | 50.8 | 50.7 | -0.1 | -0.2% | 44.4% | 51.0 | 51.0 | 0.0 | 0.0% |
| 45.7% | 50.5 | 50.4 | -0.1 | -0.2% | 45.7% | 50.9 | 51.2 | 0.3 | 0.5% | 45.7% | 50.8 | 50.7 | -0.1 | -0.1% | 45.7% | 51.0 | 51.0 | 0.0 | 0.0% |
| 46.9% | 50.2 | 50.3 | 0.0 | 0.1% | 46.9% | 50.9 | 51.0 | 0.1 | 0.1% | 46.9% | 50.8 | 50.7 | -0.1 | -0.1% | 46.9% | 51.0 | 51.0 | 0.0 | 0.0% |
| 48.1% | 50.1 | 50.0 | -0.2 | -0.4% | 48.1% | 50.9 | 51.0 | 0.1 | 0.2% | 48.1% | 50.8 | 50.7 | -0.1 | -0.1% | 48.1% | 50.9 | 50.8 | -0.1 | -0.3% |
| 49.4% | 49.9 | 49.9 | 0.0 | 0.0% | 49.4% | 50.8 | 50.9 | 0.1 | 0.1% | 49.4% | 50.7 | 50.7 | 0.0 | -0.1% | 49.4% | 50.9 | 50.7 | -0.2 | -0.4% |
| 50.6% | 49.8 | 49.9 | 0.1 | 0.1% | 50.6% | 50.8 | 50.9 | 0.1 | 0.3% | 50.6% | 50.7 | 50.7 | -0.1 | -0.2% | 50.6% | 50.9 | 50.5 | -0.4 | -0.8% |
| 51.9% | 49.8 | 49.8 | 0.1 | 0.1% | 51.9% | 50.7 | 50.9 | 0.2 | 0.3% | 51.9% | 50.7 | 50.6 | -0.1 | -0.3% | 51.9% | 50.6 | 50.5 | -0.2 | -0.4% |
| 53.1% | 49.5 | 49.8 | 0.3 | 0.6% | 53.1% | 50.7 | 50.8 | 0.2 | 0.3% | 53.1% | 50.7 | 50.6 | -0.1 | -0.2% | 53.1% | 50.6 | 50.4 | -0.2 | -0.3% |
| 54.3% | 49.5 | 49.7 | 0.2 | 0.4% | 54.3% | 50.6 | 50.8 | 0.2 | 0.3% | 54.3% | 50.7 | 50.5 | -0.2 | -0.4% | 54.3% | 50.4 | 50.4 | 0.0 | 0.0% |
| 55.6% | 49.3 | 49.5 | 0.2 | 0.4% | 55.6% | 50.6 | 50.7 | 0.0 | 0.1% | 55.6% | 50.7 | 50.5 | -0.2 | -0.4% | 55.6% | 50.4 | 50.3 | -0.1 | -0.1% |
| 56.8% | 49.3 | 49.3 | 0.1 | 0.1% | 56.8% | 50.6 | 50.6 | 0.0 | 0.1% | 56.8% | 50.7 | 50.4 | -0.2 | -0.4% | 56.8% | 50.4 | 50.2 | -0.2 | -0.3% |
| 58.0% | 49.2 | 49.2 | 0.0 | -0.1% | 58.0% | 50.4 | 50.5 | 0.1 | 0.2% | 58.0% | 50.5 | 50.4 | -0.1 | -0.3% | 58.0% | 50.3 | 50.2 | -0.1 | -0.3% |
| 59.3% | 49.2 | 48.7 | -0.5 | -1.0% | 59.3% | 50.4 | 50.5 | 0.1 | 0.2% | 59.3% | 50.5 | 50.4 | -0.1 | -0.2% | 59.3% | 50.3 | 50.1 | -0.2 | -0.3% |
| 60.5% | 48.6 | 48.6 | 0.0 | 0.0% | 60.5% | 50.4 | 50.4 | 0.0 | 0.1% | 60.5% | 50.4 | 50.3 | -0.1 | -0.2% | 60.5% | 50.2 | 50.1 | -0.1 | -0.1% |
| 61.7% | 48.6 | 48.6 | -0.1 | -0.1% | 61.7% | 50.3 | 50.4 | 0.1 | 0.2% | 61.7% | 50.3 | 50.3 | 0.0 | -0.1% | 61.7% | 50.1 | 50.0 | -0.1 | -0.2% |
| 63.0% | 48.6 | 48.5 | -0.1 | -0.1% | 63.0% | 50.3 | 50.3 | 0.0 | 0.1% | 63.0% | 50.3 | 50.3 | 0.0 | 0.0% | 63.0% | 50.1 | 50.0 | -0.1 | -0.2% |
| 64.2% | 48.5 | 48.4 | -0.1 | -0.3% | 64.2% | 50.3 | 50.3 | 0.0 | 0.0% | 64.2% | 50.3 | 50.2 | -0.1 | -0.1% | 64.2% | 50.1 | 50.0 | -0.1 | -0.2% |
| 65.4% | 48.1 | 48.2 | 0.1 | 0.1% | 65.4% | 50.2 | 50.3 | 0.0 | 0.1% | 65.4% | 50.2 | 50.1 | -0.1 | -0.1% | 65.4% | 50.0 | 49.9 | 0.0 | -0.1% |
| 66.7% | 48.1 | 48.2 | 0.0 | 0.1% | 66.7% | 50.2 | 50.3 | 0.0 | 0.1% | 66.7% | 50.2 | 50.1 | -0.1 | -0.2% | 66.7% | 49.9 | 49.7 | -0.2 | -0.4% |
| 67.9% | 48.0 | 48.2 | 0.2 | 0.3% | 67.9% | 50.2 | 50.2 | 0.1 | 0.1% | 67.9% | 50.1 | 49.9 | -0.2 | -0.4% | 67.9% | 49.8 | 49.7 | -0.1 | -0.2% |
| 69.1% | 47.9 | 48.0 | 0.1 | 0.2% | 69.1% | 50.1 | 50.2 | 0.1 | 0.2% | 69.1% | 50.1 | 49.9 | -0.2 | -0.5% | 69.1% | 49.8 | 49.7 | -0.1 | -0.1% |
| 70.4% | 47.7 | 47.7 | 0.0 | 0.0% | 70.4% | 50.1 | 50.2 | 0.1 | 0.1% | 70.4% | 50.1 | 49.8 | -0.3 | -0.6% | 70.4% | 49.7 | 49.7 | -0.1 | -0.1% |
| 71.6% | 47.7 | 47.7 | 0.0 | -0.1% | 71.6% | 50.1 | 50.1 | 0.0 | 0.0% | 71.6% | 50.0 | 49.8 | -0.2 | -0.4% | 71.6% | 49.7 | 49.6 | -0.1 | -0.2% |
| 72.8% | 47.6 | 47.6 | 0.0 | 0.0% | 72.8% | 50.1 | 50.1 | 0.0 | 0.0% | 72.8% | 49.9 | 49.7 | -0.2 | -0.4% | 72.8% | 49.7 | 49.6 | -0.1 | -0.2% |
| 74.1% | 47.6 | 47.6 | -0.1 | -0.1% | 74.1% | 50.1 | 50.0 | 0.0 | -0.1% | 74.1% | 49.9 | 49.7 | -0.2 | -0.4% | 74.1% | 49.6 | 49.6 | 0.0 | -0.1% |
| 75.3% | 47.5 | 47.4 | -0.1 | -0.3% | 75.3% | 50.0 | 50.0 | 0.0 | 0.1% | 75.3% | 49.9 | 49.7 | -0.2 | -0.4% | 75.3% | 49.5 | 49.6 | 0.0 | 0.0% |
| 76.5% | 47.5 | 47.3 | -0.1 | -0.3% | 76.5% | 49.9 | 50.0 | 0.1 | 0.2% | 76.5% | 49.8 | 49.7 | -0.1 | -0.2% | 76.5% | 49.4 | 49.5 | 0.1 | 0.2% |
| 77.8% | 47.4 | 47.3 | -0.1 | -0.2% | 77.8% | 49.9 | 49.9 | 0.0 | 0.0% | 77.8% | 49.8 | 49.6 | -0.1 | -0.3% | 77.8% | 49.3 | 49.3 | 0.0 | -0.1% |
| 79.0% | 47.3 | 47.1 | -0.2 | -0.4% | 79.0% | 49.9 | 49.9 | 0.0 | -0.1% | 79.0% | 49.7 | 49.5 | -0.2 | -0.4% | 79.0% | 49.2 | 49.2 | 0.0 | 0.0% |
| 80.2% | 47.1 | 47.0 | 0.0 | -0.1% | 80.2% | 49.8 | 49.9 | 0.0 | 0.1% | 80.2% | 49.7 | 49.5 | -0.2 | -0.4% | 80.2% | 49.2 | 49.2 | 0.0 | 0.0% |
| 81.5% | 47.1 | 46.9 | -0.2 | -0.4% | 81.5% | 49.8 | 49.8 | 0.0 | 0.1% | 81.5% | 49.7 | 49.5 | -0.2 | -0.4% | 81.5% | 49.2 | 49.2 | 0.0 | 0.0% |
| 82.7% | 46.9 | 46.7 | -0.2 | -0.4% | 82.7% | 49.8 | 49.8 | 0.0 | 0.0% | 82.7% | 49.7 | 49.4 | -0.3 | -0.5% | 82.7% | 49.2 | 49.2 | 0.0 | 0.0% |
| 84.0% | 46.8 | 46.7 | 0.0 | -0.1% | 84.0% | 49.8 | 49.8 | 0.0 | 0.0% | 84.0% | 49.7 | 49.4 | -0.3 | -0.6% | 84.0% | 49.1 | 49.1 | 0.0 | 0.0% |
| 85.2% | 46.7 | 46.7 | 0.0 | 0.0% | 85.2% | 49.6 | 49.8 | 0.2 | 0.4% | 85.2% | 49.6 | 49.3 | -0.3 | -0.6% | 85.2% | 49.1 | 49.1 | 0.0 | 0.0% |
| 86.4% | 46.7 | 46.7 | 0.0 | 0.0% | 86.4% | 49.6 | 49.7 | 0.2 | 0.4% | 86.4% | 49.5 | 49.3 | -0.2 | -0.4% | 86.4% | 49.1 | 49.0 | 0.0 | -0.1% |
| 87.7% | 46.7 | 46.7 | 0.0 | -0.1% | 87.7% | 49.5 | 49.6 | 0.1 | 0.1% | 87.7% | 49.5 | 49.2 | -0.2 | -0.5% | 87.7% | 49.0 | 48.9 | -0.1 | -0.2% |
| 88.9% | 46.7 | 46.5 | -0.2 | -0.5% | 88.9% | 49.5 | 49.6 | 0.1 | 0.2% | 88.9% | 49.4 | 49.1 | -0.3 | -0.6% | 88.9% | 49.0 | 48.9 | -0.1 | -0.3% |
| 90.1% | 46.5 | 46.3 | -0.2 | -0.4% | 90.1% | 49.4 | 49.6 | 0.1 | 0.3% | 90.1% | 49.4 | 49.1 | -0.2 | -0.5% | 90.1% | 48.9 | 48.9 | 0.0 | 0.0% |
| 91.4% | 46.1 | 46.1 | 0.0 | 0.1% | 91.4% | 49.4 | 49.5 | 0.2 | 0.3% | 91.4% | 49.3 | 48.8 | -0.5 | -1.0% | 91.4% | 48.9 | 48.8 | -0.1 | -0.1% |
| 92.6% | 46.0 | 46.0 | 0.0 | 0.0% | 92.6% | 49.4 | 49.4 | 0.0 | 0.0% | 92.6% | 49.3 | 48.8 | -0.5 | -1.0% | 92.6% | 48.8 | 48.8 | 0.0 | -0.1% |
| 93.8% | 45.8 | 45.7 | -0.1 | -0.2% | 93.8% | 49.3 | 49.3 | 0.0 | 0.0% | 93.8% | 49.3 | 48.8 | -0.5 | -1.0% | 93.8% | 48.5 | 48.5 | -0.1 | -0.1% |
| 95.1% | 45.6 | 45.6 | 0.0 | 0.0% | 95.1% | 49.2 | 49.3 | 0.1 | 0.2% | 95.1% | 49.2 | 48.7 | -0.4 | -0.9% | 95.1% | 48.3 | 48.4 | 0.1 | 0.2% |
| 96.3% | 45.4 | 45.5 | 0.1 | 0.2% | 96.3% | 49.2 | 49.1 | -0.1 | -0.2% | 96.3% | 49.1 | 48.7 | -0.4 | -0.8% | 96.3% | 48.3 | 48.3 | 0.0 | 0.0% |
| 97.5% | 45.1 | 45.2 | 0.1 | 0.1% | 97.5% | 49.0 | 49.1 | 0.1 | 0.1% | 97.5% | 48.8 | 48.7 | -0.1 | -0.3% | 97.5% | 48.3 | 48.3 | 0.0 | 0.1% |
| 98.8% | 44.8 | 44.8 | 0.0 | 0.0% | 98.8% | 49.0 | 48.8 | -0.2 | -0.4% | 98.8% | 48.7 | 48.4 | -0.3 | -0.7% | 98.8% | 48.0 | 48.2 | 0.2 | 0.4% |
| 100.0% | 44.8 | 44.8 | 0.0 | 0.0% | 100.0% | 49.0 | 48.8 | -0.2 | -0.4% | 100.0% | 48.7 | 48.4 | -0.3 | -0.7% | 100.0% | 48.0 | 48.2 | 0.2 | 0.4% |

# Table SQ12-1b

**Trinity River below Lewiston Dam, Monthly Temperature**

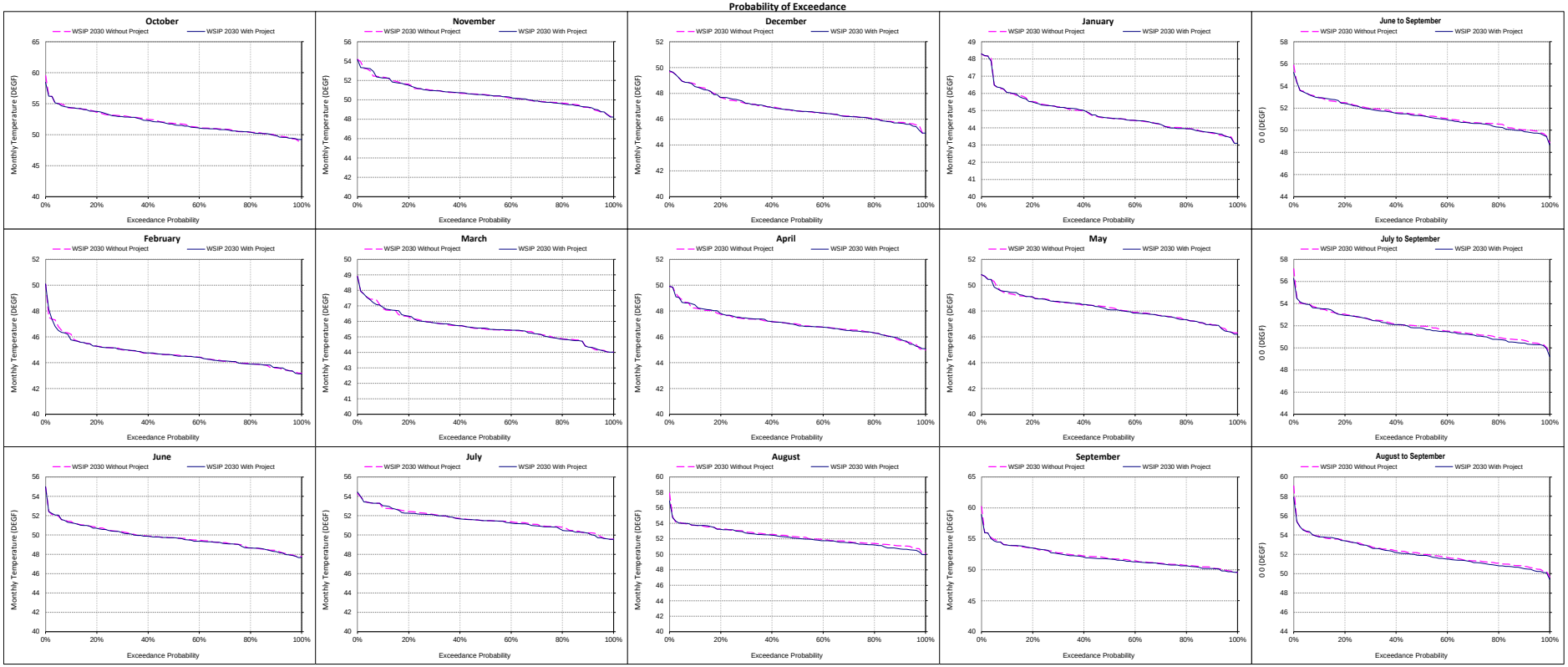
**Probability of Exceedance**

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 59.1 | 58.1 | -1.0 | -1.7% |
| 1.2% | 55.3 | 55.3 | 0.0 | 0.0% |
| 2.5% | 54.9 | 55.0 | 0.1 | 0.1% |
| 3.7% | 54.3 | 54.1 | -0.2 | -0.3% |
| 4.9% | 53.9 | 53.8 | -0.1 | -0.2% |
| 6.2% | 53.7 | 53.7 | 0.1 | 0.1% |
| 7.4% | 53.4 | 53.7 | 0.3 | 0.6% |
| 8.6% | 53.1 | 53.2 | 0.1 | 0.2% |
| 9.9% | 52.8 | 52.8 | 0.0 | 0.0% |
| 11.1% | 52.7 | 52.6 | 0.0 | 0.0% |
| 12.3% | 52.6 | 52.5 | -0.1 | -0.1% |
| 13.6% | 52.5 | 52.5 | 0.1 | 0.2% |
| 14.8% | 52.4 | 52.5 | 0.1 | 0.3% |
| 16.0% | 52.3 | 52.5 | 0.2 | 0.4% |
| 17.3% | 52.2 | 52.2 | -0.1 | -0.1% |
| 18.5% | 52.2 | 52.2 | 0.0 | -0.1% |
| 19.8% | 52.1 | 52.2 | 0.0 | 0.1% |
| 21.0% | 52.1 | 52.1 | 0.1 | 0.1% |
| 22.2% | 51.9 | 52.1 | 0.1 | 0.3% |
| 23.5% | 51.9 | 52.1 | 0.2 | 0.3% |
| 24.7% | 51.8 | 52.0 | 0.1 | 0.3% |
| 25.9% | 51.8 | 52.0 | 0.1 | 0.3% |
| 27.2% | 51.8 | 51.8 | 0.0 | 0.0% |
| 28.4% | 51.7 | 51.8 | 0.1 | 0.1% |
| 29.6% | 51.7 | 51.7 | 0.0 | 0.1% |
| 30.9% | 51.5 | 51.7 | 0.2 | 0.3% |
| 32.1% | 51.5 | 51.7 | 0.2 | 0.4% |
| 33.3% | 51.5 | 51.6 | 0.2 | 0.4% |
| 34.6% | 51.4 | 51.6 | 0.1 | 0.2% |
| 35.8% | 51.3 | 51.3 | 0.0 | 0.0% |
| 37.0% | 51.3 | 51.3 | 0.0 | 0.0% |
| 38.3% | 51.3 | 51.2 | -0.1 | -0.1% |
| 39.5% | 51.3 | 51.1 | -0.2 | -0.4% |
| 40.7% | 51.2 | 51.0 | -0.2 | -0.4% |
| 42.0% | 51.1 | 51.0 | -0.1 | -0.2% |
| 43.2% | 51.0 | 50.9 | 0.0 | -0.1% |
| 44.4% | 51.0 | 50.9 | -0.1 | -0.2% |
| 45.7% | 50.9 | 50.8 | -0.1 | -0.2% |
| 46.9% | 50.9 | 50.7 | -0.2 | -0.3% |
| 48.1% | 50.7 | 50.7 | 0.0 | 0.0% |
| 49.4% | 50.7 | 50.7 | -0.1 | -0.1% |
| 50.6% | 50.7 | 50.6 | 0.0 | -0.1% |
| 51.9% | 50.6 | 50.5 | -0.1 | -0.2% |
| 53.1% | 50.4 | 50.4 | 0.0 | 0.0% |
| 54.3% | 50.4 | 50.3 | -0.1 | -0.2% |
| 55.6% | 50.1 | 50.1 | 0.0 | 0.0% |
| 56.8% | 50.1 | 50.1 | 0.0 | 0.0% |
| 58.0% | 50.1 | 50.0 | 0.0 | 0.0% |
| 59.3% | 50.0 | 50.0 | 0.0 | 0.0% |
| 60.5% | 50.0 | 49.9 | -0.1 | -0.2% |
| 61.7% | 49.9 | 49.9 | 0.0 | -0.1% |
| 63.0% | 49.9 | 49.8 | 0.0 | -0.1% |
| 64.2% | 49.9 | 49.8 | 0.0 | -0.1% |
| 65.4% | 49.8 | 49.8 | 0.0 | 0.0% |
| 66.7% | 49.8 | 49.8 | 0.0 | 0.0% |
| 67.9% | 49.7 | 49.8 | 0.1 | 0.2% |
| 69.1% | 49.6 | 49.5 | -0.1 | -0.2% |
| 70.4% | 49.6 | 49.4 | -0.2 | -0.3% |
| 71.6% | 49.6 | 49.4 | -0.2 | -0.3% |
| 72.8% | 49.5 | 49.4 | -0.1 | -0.2% |
| 74.1% | 49.4 | 49.4 | 0.0 | -0.1% |
| 75.3% | 49.3 | 49.3 | 0.0 | 0.1% |
| 76.5% | 49.2 | 49.3 | 0.1 | 0.2% |
| 77.8% | 49.2 | 49.1 | 0.0 | -0.1% |
| 79.0% | 49.1 | 49.0 | -0.1 | -0.2% |
| 80.2% | 49.1 | 49.0 | -0.1 | -0.2% |
| 81.5% | 49.0 | 49.0 | 0.0 | 0.0% |
| 82.7% | 49.0 | 48.9 | -0.1 | -0.3% |
| 84.0% | 48.9 | 48.8 | -0.1 | -0.2% |
| 85.2% | 48.9 | 48.7 | -0.2 | -0.4% |
| 86.4% | 48.8 | 48.6 | -0.2 | -0.4% |
| 87.7% | 48.7 | 48.6 | -0.1 | -0.2% |
| 88.9% | 48.7 | 48.6 | 0.0 | -0.1% |
| 90.1% | 48.6 | 48.6 | 0.0 | -0.1% |
| 91.4% | 48.6 | 48.5 | 0.0 | 0.0% |
| 92.6% | 48.5 | 48.5 | 0.0 | 0.0% |
| 93.8% | 48.4 | 48.4 | 0.0 | 0.0% |
| 95.1% | 48.4 | 48.4 | 0.0 | 0.0% |
| 96.3% | 48.3 | 48.2 | -0.2 | -0.4% |
| 97.5% | 48.3 | 48.2 | -0.1 | -0.3% |
| 98.8% | 48.1 | 48.1 | 0.0 | 0.1% |
| 100.0% | 48.1 | 48.0 | -0.1 | -0.2% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 59.4 | 58.0 | -1.3 | -2.3% |
| 1.2% | 55.1 | 55.0 | 0.0 | 0.0% |
| 2.5% | 54.8 | 54.8 | 0.0 | 0.0% |
| 3.7% | 53.9 | 53.6 | -0.4 | -0.6% |
| 4.9% | 53.5 | 53.4 | -0.1 | -0.2% |
| 6.2% | 53.4 | 53.3 | 0.0 | 0.0% |
| 7.4% | 53.2 | 53.3 | 0.1 | 0.3% |
| 8.6% | 53.2 | 53.3 | 0.1 | 0.2% |
| 9.9% | 53.1 | 53.0 | -0.1 | -0.2% |
| 11.1% | 53.0 | 52.9 | -0.1 | -0.2% |
| 12.3% | 52.9 | 52.8 | -0.1 | -0.2% |
| 13.6% | 52.9 | 52.8 | -0.1 | -0.2% |
| 14.8% | 52.8 | 52.7 | -0.1 | -0.2% |
| 16.0% | 52.6 | 52.7 | 0.1 | 0.2% |
| 17.3% | 52.5 | 52.7 | 0.1 | 0.2% |
| 18.5% | 52.4 | 52.4 | 0.0 | 0.0% |
| 19.8% | 52.3 | 52.3 | 0.0 | 0.0% |
| 21.0% | 52.1 | 52.3 | 0.2 | 0.3% |
| 22.2% | 52.1 | 52.2 | 0.1 | 0.3% |
| 23.5% | 52.0 | 52.2 | 0.2 | 0.4% |
| 24.7% | 52.0 | 52.2 | 0.2 | 0.4% |
| 25.9% | 51.9 | 52.1 | 0.1 | 0.3% |
| 27.2% | 51.9 | 52.0 | 0.1 | 0.3% |
| 28.4% | 51.8 | 52.0 | 0.2 | 0.5% |
| 29.6% | 51.8 | 52.0 | 0.2 | 0.5% |
| 30.9% | 51.7 | 51.8 | 0.1 | 0.2% |
| 32.1% | 51.7 | 51.7 | 0.0 | 0.1% |
| 33.3% | 51.7 | 51.7 | 0.0 | 0.1% |
| 34.6% | 51.6 | 51.5 | -0.1 | -0.2% |
| 35.8% | 51.6 | 51.5 | -0.1 | -0.1% |
| 37.0% | 51.4 | 51.4 | 0.0 | -0.1% |
| 38.3% | 51.4 | 51.3 | -0.1 | -0.3% |
| 39.5% | 51.3 | 51.2 | -0.1 | -0.2% |
| 40.7% | 51.3 | 51.2 | -0.1 | -0.2% |
| 42.0% | 51.2 | 51.2 | 0.0 | 0.0% |
| 43.2% | 51.2 | 51.2 | 0.0 | 0.0% |
| 44.4% | 51.1 | 51.1 | 0.0 | -0.1% |
| 45.7% | 51.1 | 51.0 | -0.1 | -0.2% |
| 46.9% | 51.0 | 50.9 | -0.2 | -0.3% |
| 48.1% | 50.9 | 50.9 | 0.0 | 0.0% |
| 49.4% | 50.8 | 50.8 | -0.1 | -0.1% |
| 50.6% | 50.8 | 50.8 | -0.1 | -0.1% |
| 51.9% | 50.8 | 50.8 | 0.0 | 0.0% |
| 53.1% | 50.8 | 50.7 | 0.0 | -0.1% |
| 54.3% | 50.7 | 50.7 | 0.0 | 0.0% |
| 55.6% | 50.6 | 50.7 | 0.0 | 0.1% |
| 56.8% | 50.6 | 50.6 | 0.0 | -0.1% |
| 58.0% | 50.5 | 50.6 | 0.0 | 0.1% |
| 59.3% | 50.5 | 50.4 | 0.0 | -0.1% |
| 60.5% | 50.5 | 50.4 | -0.1 | -0.2% |
| 61.7% | 50.4 | 50.3 | -0.1 | -0.2% |
| 63.0% | 50.3 | 50.2 | 0.0 | -0.1% |
| 64.2% | 50.2 | 50.2 | 0.0 | -0.1% |
| 65.4% | 50.1 | 50.2 | 0.0 | 0.1% |
| 66.7% | 50.0 | 50.1 | 0.1 | 0.1% |
| 67.9% | 50.0 | 50.0 | 0.0 | 0.0% |
| 69.1% | 50.0 | 50.0 | 0.0 | 0.0% |
| 70.4% | 50.0 | 50.0 | 0.0 | 0.0% |
| 71.6% | 50.0 | 49.9 | -0.1 | -0.1% |
| 72.8% | 50.0 | 49.8 | -0.1 | -0.2% |
| 74.1% | 49.9 | 49.8 | -0.1 | -0.2% |
| 75.3% | 49.9 | 49.7 | -0.1 | -0.2% |
| 76.5% | 49.8 | 49.7 | 0.0 | -0.1% |
| 77.8% | 49.7 | 49.7 | 0.0 | -0.1% |
| 79.0% | 49.7 | 49.6 | -0.1 | -0.2% |
| 80.2% | 49.7 | 49.6 | -0.1 | -0.3% |
| 81.5% | 49.7 | 49.6 | -0.1 | -0.3% |
| 82.7% | 49.7 | 49.6 | -0.1 | -0.3% |
| 84.0% | 49.7 | 49.5 | -0.1 | -0.3% |
| 85.2% | 49.6 | 49.5 | -0.1 | -0.3% |
| 86.4% | 49.6 | 49.4 | -0.1 | -0.3% |
| 87.7% | 49.6 | 49.2 | -0.3 | -0.6% |
| 88.9% | 49.4 | 49.2 | -0.2 | -0.4% |
| 90.1% | 49.3 | 49.2 | -0.2 | -0.3% |
| 91.4% | 49.2 | 49.2 | 0.0 | 0.0% |
| 92.6% | 49.1 | 49.1 | 0.0 | 0.0% |
| 93.8% | 49.1 | 49.0 | 0.0 | -0.1% |
| 95.1% | 49.1 | 49.0 | -0.1 | -0.1% |
| 96.3% | 48.9 | 48.9 | 0.0 | 0.1% |
| 97.5% | 48.9 | 48.7 | -0.1 | -0.3% |
| 98.8% | 48.8 | 48.7 | -0.1 | -0.2% |
| 100.0% | 48.1 | 48.1 | 0.0 | 0.0% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 61.3 | 59.3 | -2.0 | -3.3% |
| 1.2% | 55.3 | 55.3 | 0.0 | 0.0% |
| 2.5% | 55.1 | 55.1 | 0.0 | 0.0% |
| 3.7% | 54.0 | 53.8 | -0.2 | -0.4% |
| 4.9% | 53.8 | 53.7 | -0.1 | -0.2% |
| 6.2% | 53.6 | 53.6 | 0.0 | 0.0% |
| 7.4% | 53.6 | 53.5 | 0.0 | -0.1% |
| 8.6% | 53.5 | 53.4 | 0.0 | -0.1% |
| 9.9% | 53.4 | 53.3 | 0.0 | -0.1% |
| 11.1% | 53.1 | 53.3 | 0.2 | 0.3% |
| 12.3% | 53.1 | 53.3 | 0.2 | 0.5% |
| 13.6% | 53.1 | 52.9 | -0.1 | -0.3% |
| 14.8% | 53.0 | 52.8 | -0.2 | -0.4% |
| 16.0% | 52.9 | 52.7 | -0.2 | -0.4% |
| 17.3% | 52.8 | 52.7 | -0.1 | -0.2% |
| 18.5% | 52.8 | 52.7 | -0.1 | -0.2% |
| 19.8% | 52.6 | 52.6 | 0.0 | -0.1% |
| 21.0% | 52.5 | 52.6 | 0.1 | 0.2% |
| 22.2% | 52.3 | 52.3 | 0.0 | 0.0% |
| 23.5% | 52.3 | 52.3 | 0.0 | -0.1% |
| 24.7% | 52.2 | 52.2 | 0.1 | 0.1% |
| 25.9% | 52.1 | 52.2 | 0.1 | 0.2% |
| 27.2% | 52.1 | 52.2 | 0.1 | 0.2% |
| 28.4% | 52.1 | 52.0 | -0.1 | -0.2% |
| 29.6% | 52.0 | 52.0 | 0.0 | 0.0% |
| 30.9% | 52.0 | 51.8 | -0.1 | -0.3% |
| 32.1% | 51.9 | 51.8 | -0.2 | -0.3% |
| 33.3% | 51.9 | 51.8 | -0.1 | -0.2% |
| 34.6% | 51.7 | 51.7 | 0.0 | 0.1% |
| 35.8% | 51.6 | 51.6 | 0.0 | 0.0% |
| 37.0% | 51.5 | 51.2 | -0.2 | -0.5% |
| 38.3% | 51.4 | 51.1 | -0.2 | -0.5% |
| 39.5% | 51.4 | 51.1 | -0.3 | -0.6% |
| 40.7% | 51.3 | 51.0 | -0.3 | -0.7% |
| 42.0% | 51.2 | 51.0 | -0.2 | -0.4% |
| 43.2% | 51.1 | 50.9 | -0.2 | -0.5% |
| 44.4% | 51.0 | 50.9 | -0.2 | -0.3% |
| 45.7% | 50.9 | 50.8 | 0.0 | -0.1% |
| 46.9% | 50.9 | 50.8 | -0.1 | -0.2% |
| 48.1% | 50.9 | 50.8 | -0.1 | -0.2% |
| 49.4% | 50.7 | 50.7 | -0.1 | -0.2% |
| 50.6% | 50.7 | 50.6 | -0.2 | -0.3% |
| 51.9% | 50.7 | 50.5 | -0.2 | -0.3% |
| 53.1% | 50.6 | 50.5 | -0.1 | -0.2% |
| 54.3% | 50.6 | 50.4 | -0.2 | -0.5% |
| 55.6% | 50.5 | 50.4 | -0.1 | -0.2% |
| 56.8% | 50.5 | 50.4 | -0.1 | -0.2% |
| 58.0% | 50.4 | 50.4 | 0.0 | -0.1% |
| 59.3% | 50.4 | 50.2 | -0.1 | -0.3% |
| 60.5% | 50.4 | 50.2 | -0.2 | -0.4% |
| 61.7% | 50.2 | 50.1 | -0.1 | -0.3% |
| 63.0% | 50.2 | 50.1 | -0.1 | -0.3% |
| 64.2% | 50.1 | 50.0 | 0.0 | -0.1% |
| 65.4% | 50.1 | 50.0 | -0.1 | -0.2% |
| 66.7% | 50.0 | 49.9 | -0.1 | -0.2% |
| 67.9% | 50.0 | 49.9 | -0.1 | -0.2% |
| 69.1% | 50.0 | 49.9 | -0.1 | -0.1% |
| 70.4% | 50.0 | 49.7 | -0.2 | -0.5% |
| 71.6% | 49.9 | 49.7 | -0.1 | -0.3% |
| 72.8% | 49.8 | 49.7 | -0.2 | -0.3% |
| 74.1% | 49.7 | 49.6 | -0.1 | -0.2% |
| 75.3% | 49.7 | 49.5 | -0.1 | -0.3% |
| 76.5% | 49.7 | 49.5 | -0.2 | -0.3% |
| 77.8% | 49.7 | 49.5 | -0.2 | -0.3% |
| 79.0% | 49.7 | 49.5 | -0.2 | -0.4% |
| 80.2% | 49.6 | 49.5 | -0.2 | -0.3% |
| 81.5% | 49.5 | 49.4 | -0.1 | -0.2% |
| 82.7% | 49.5 | 49.4 | -0.1 | -0.2% |
| 84.0% | 49.5 | 49.4 | -0.2 | -0.3% |
| 85.2% | 49.5 | 49.3 | -0.2 | -0.4% |
| 86.4% | 49.4 | 49.2 | -0.2 | -0.4% |
| 87.7% | 49.3 | 49.1 | -0.2 | -0.3% |
| 88.9% | 49.2 | 49.0 | -0.2 | -0.4% |
| 90.1% | 49.1 | 49.0 | -0.1 | -0.2% |
| 91.4% | 49.1 | 49.0 | -0.1 | -0.2% |
| 92.6% | 49.0 | 48.9 | -0.1 | -0.2% |
| 93.8% | 48.9 | 48.7 | -0.2 | -0.4% |
| 95.1% | 48.9 | 48.6 | -0.3 | -0.7% |
| 96.3% | 48.8 | 48.5 | -0.3 | -0.6% |
| 97.5% | 48.7 | 48.5 | -0.3 | -0.6% |
| 98.8% | 48.4 | 48.4 | 0.0 | 0.0% |
| 100.0% | 48.0 | 48.0 | 0.0 | 0.1% |

**Figure SQ13-1b**
**Clear Creek below Whiskeytown, Monthly Temperature**
**Probability of Exceedance**



## Table SQ13-1b

**Clear Creek below Whiskeytown, Monthly Temperature**

**Probability of Exceedance**

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 59.5 | 58.4 | -1.1 | -1.8% | 0.0% | 54.2 | 54.2 | 0.0 | 0.0% | 0.0% | 49.7 | 49.8 | 0.1 | 0.2% | 0.0% | 48.3 | 48.3 | 0.0 | 0.0% |
| 1.2% | 56.2 | 56.2 | 0.0 | 0.0% | 1.2% | 53.9 | 53.3 | -0.6 | -1.1% | 1.2% | 49.6 | 49.6 | 0.0 | 0.0% | 1.2% | 48.2 | 48.2 | 0.0 | 0.0% |
| 2.5% | 56.2 | 56.2 | 0.0 | 0.0% | 2.5% | 53.3 | 53.3 | 0.1 | 0.1% | 2.5% | 49.4 | 49.4 | 0.0 | 0.0% | 2.5% | 48.2 | 48.2 | 0.0 | 0.0% |
| 3.7% | 55.0 | 55.1 | 0.1 | 0.2% | 3.7% | 53.2 | 53.3 | 0.1 | 0.1% | 3.7% | 49.2 | 49.2 | 0.0 | 0.0% | 3.7% | 48.1 | 47.9 | -0.2 | -0.5% |
| 4.9% | 55.0 | 55.0 | 0.0 | 0.0% | 4.9% | 53.0 | 53.2 | 0.2 | 0.5% | 4.9% | 49.0 | 49.0 | 0.0 | 0.0% | 4.9% | 46.5 | 46.5 | 0.0 | 0.0% |
| 6.2% | 55.0 | 54.7 | -0.3 | -0.5% | 6.2% | 52.4 | 53.0 | 0.5 | 1.0% | 6.2% | 48.9 | 48.9 | 0.0 | 0.0% | 6.2% | 46.3 | 46.4 | 0.0 | 0.1% |
| 7.4% | 54.8 | 54.6 | -0.2 | -0.4% | 7.4% | 52.4 | 52.4 | -0.1 | -0.1% | 7.4% | 48.8 | 48.8 | 0.0 | 0.0% | 7.4% | 46.3 | 46.3 | 0.1 | 0.1% |
| 8.6% | 54.3 | 54.5 | 0.1 | 0.2% | 8.6% | 52.4 | 52.3 | -0.1 | -0.1% | 8.6% | 48.8 | 48.8 | 0.0 | -0.1% | 8.6% | 46.2 | 46.3 | 0.0 | 0.0% |
| 9.9% | 54.3 | 54.4 | 0.1 | 0.1% | 9.9% | 52.4 | 52.2 | -0.1 | -0.2% | 9.9% | 48.7 | 48.5 | -0.2 | -0.4% | 9.9% | 46.0 | 46.0 | 0.0 | 0.0% |
| 11.1% | 54.3 | 54.3 | 0.0 | 0.1% | 11.1% | 52.3 | 52.2 | 0.0 | -0.1% | 11.1% | 48.5 | 48.5 | 0.0 | -0.1% | 11.1% | 46.0 | 46.0 | 0.1 | 0.1% |
| 12.3% | 54.3 | 54.2 | 0.0 | -0.1% | 12.3% | 52.2 | 52.2 | 0.0 | 0.1% | 12.3% | 48.5 | 48.4 | -0.1 | -0.1% | 12.3% | 46.0 | 46.0 | 0.0 | 0.0% |
| 13.6% | 54.1 | 54.2 | 0.1 | 0.1% | 13.6% | 52.0 | 51.8 | -0.1 | -0.3% | 13.6% | 48.4 | 48.3 | -0.1 | -0.3% | 13.6% | 45.9 | 46.0 | 0.1 | 0.2% |
| 14.8% | 54.1 | 54.1 | -0.1 | -0.1% | 14.8% | 51.9 | 51.8 | -0.2 | -0.3% | 14.8% | 48.3 | 48.3 | 0.0 | 0.0% | 14.8% | 45.9 | 45.8 | -0.1 | -0.2% |
| 16.0% | 54.1 | 54.0 | 0.0 | 0.0% | 16.0% | 51.8 | 51.7 | -0.1 | -0.2% | 16.0% | 48.1 | 48.2 | 0.0 | 0.0% | 16.0% | 45.8 | 45.7 | -0.1 | -0.2% |
| 17.3% | 54.0 | 53.8 | -0.2 | -0.3% | 17.3% | 51.7 | 51.7 | 0.0 | 0.0% | 17.3% | 48.0 | 47.9 | -0.1 | -0.2% | 17.3% | 45.8 | 45.7 | -0.1 | -0.2% |
| 18.5% | 53.8 | 53.8 | 0.0 | 0.0% | 18.5% | 51.7 | 51.6 | -0.1 | -0.1% | 18.5% | 47.9 | 47.9 | 0.0 | 0.0% | 18.5% | 45.5 | 45.5 | 0.0 | 0.0% |
| 19.8% | 53.6 | 53.8 | 0.1 | 0.2% | 19.8% | 51.6 | 51.5 | -0.1 | -0.2% | 19.8% | 47.7 | 47.7 | 0.0 | 0.0% | 19.8% | 45.5 | 45.5 | 0.0 | 0.0% |
| 21.0% | 53.5 | 53.7 | 0.1 | 0.3% | 21.0% | 51.5 | 51.4 | -0.1 | -0.2% | 21.0% | 47.6 | 47.7 | 0.1 | 0.1% | 21.0% | 45.5 | 45.5 | -0.1 | -0.1% |
| 22.2% | 53.4 | 53.6 | 0.2 | 0.3% | 22.2% | 51.2 | 51.3 | 0.1 | 0.3% | 22.2% | 47.5 | 47.7 | 0.1 | 0.3% | 22.2% | 45.4 | 45.4 | 0.0 | -0.1% |
| 23.5% | 53.2 | 53.4 | 0.2 | 0.4% | 23.5% | 51.1 | 51.2 | 0.0 | 0.1% | 23.5% | 47.5 | 47.6 | 0.1 | 0.3% | 23.5% | 45.4 | 45.3 | -0.1 | -0.1% |
| 24.7% | 53.2 | 53.2 | 0.1 | 0.1% | 24.7% | 51.1 | 51.2 | 0.0 | 0.1% | 24.7% | 47.4 | 47.6 | 0.1 | 0.2% | 24.7% | 45.3 | 45.3 | 0.0 | -0.1% |
| 25.9% | 53.2 | 53.1 | -0.1 | -0.2% | 25.9% | 51.1 | 51.0 | -0.1 | -0.1% | 25.9% | 47.4 | 47.5 | 0.1 | 0.2% | 25.9% | 45.3 | 45.3 | 0.0 | 0.0% |
| 27.2% | 53.1 | 53.0 | -0.1 | -0.2% | 27.2% | 51.1 | 51.0 | -0.1 | -0.1% | 27.2% | 47.4 | 47.5 | 0.1 | 0.2% | 27.2% | 45.3 | 45.3 | 0.0 | 0.0% |
| 28.4% | 53.1 | 52.9 | -0.2 | -0.3% | 28.4% | 51.0 | 50.9 | -0.1 | -0.1% | 28.4% | 47.3 | 47.4 | 0.1 | 0.2% | 28.4% | 45.3 | 45.3 | 0.0 | 0.0% |
| 29.6% | 53.0 | 52.9 | -0.1 | -0.2% | 29.6% | 51.0 | 50.9 | 0.0 | -0.1% | 29.6% | 47.2 | 47.3 | 0.0 | 0.1% | 29.6% | 45.2 | 45.2 | 0.0 | 0.0% |
| 30.9% | 53.0 | 52.9 | -0.2 | -0.3% | 30.9% | 51.0 | 50.9 | 0.0 | -0.1% | 30.9% | 47.2 | 47.2 | 0.0 | 0.0% | 30.9% | 45.2 | 45.2 | 0.0 | -0.1% |
| 32.1% | 52.9 | 52.8 | -0.1 | -0.2% | 32.1% | 50.9 | 50.9 | 0.0 | 0.0% | 32.1% | 47.2 | 47.1 | 0.0 | -0.1% | 32.1% | 45.2 | 45.2 | 0.0 | 0.0% |
| 33.3% | 52.8 | 52.8 | 0.0 | 0.0% | 33.3% | 50.8 | 50.9 | 0.0 | 0.0% | 33.3% | 47.2 | 47.1 | 0.0 | 0.0% | 33.3% | 45.1 | 45.1 | 0.0 | 0.0% |
| 34.6% | 52.8 | 52.8 | 0.0 | 0.0% | 34.6% | 50.8 | 50.8 | 0.0 | 0.0% | 34.6% | 47.1 | 47.1 | 0.1 | 0.1% | 34.6% | 45.1 | 45.1 | 0.1 | 0.2% |
| 35.8% | 52.8 | 52.7 | -0.1 | -0.1% | 35.8% | 50.8 | 50.8 | 0.1 | 0.1% | 35.8% | 47.0 | 47.1 | 0.1 | 0.2% | 35.8% | 45.0 | 45.1 | 0.1 | 0.2% |
| 37.0% | 52.7 | 52.5 | -0.1 | -0.2% | 37.0% | 50.8 | 50.8 | 0.0 | 0.0% | 37.0% | 47.0 | 47.0 | 0.0 | 0.1% | 37.0% | 45.0 | 45.1 | 0.1 | 0.2% |
| 38.3% | 52.6 | 52.3 | -0.3 | -0.6% | 38.3% | 50.7 | 50.8 | 0.0 | 0.0% | 38.3% | 47.0 | 47.0 | 0.0 | 0.0% | 38.3% | 45.0 | 45.0 | 0.0 | 0.1% |
| 39.5% | 52.5 | 52.3 | -0.2 | -0.4% | 39.5% | 50.7 | 50.7 | 0.0 | 0.1% | 39.5% | 47.0 | 46.9 | 0.0 | -0.1% | 39.5% | 45.0 | 45.0 | 0.0 | 0.1% |
| 40.7% | 52.5 | 52.3 | -0.2 | -0.4% | 40.7% | 50.7 | 50.7 | 0.1 | 0.1% | 40.7% | 46.9 | 46.9 | -0.1 | -0.2% | 40.7% | 45.0 | 45.0 | 0.0 | 0.0% |
| 42.0% | 52.4 | 52.1 | -0.3 | -0.6% | 42.0% | 50.7 | 50.7 | 0.1 | 0.1% | 42.0% | 46.9 | 46.8 | 0.0 | -0.1% | 42.0% | 44.8 | 44.9 | 0.1 | 0.1% |
| 43.2% | 52.3 | 52.1 | -0.2 | -0.5% | 43.2% | 50.6 | 50.6 | 0.0 | 0.0% | 43.2% | 46.8 | 46.8 | 0.0 | 0.0% | 43.2% | 44.7 | 44.7 | 0.0 | 0.1% |
| 44.4% | 52.1 | 52.1 | 0.0 | -0.1% | 44.4% | 50.6 | 50.6 | 0.0 | 0.0% | 44.4% | 46.7 | 46.8 | 0.0 | 0.1% | 44.4% | 44.7 | 44.7 | 0.1 | 0.1% |
| 45.7% | 52.0 | 52.0 | -0.1 | -0.1% | 45.7% | 50.6 | 50.6 | 0.0 | -0.1% | 45.7% | 46.7 | 46.7 | 0.0 | 0.0% | 45.7% | 44.6 | 44.6 | 0.0 | 0.0% |
| 46.9% | 52.0 | 51.9 | -0.2 | -0.3% | 46.9% | 50.6 | 50.6 | 0.0 | -0.1% | 46.9% | 46.7 | 46.7 | 0.0 | 0.0% | 46.9% | 44.6 | 44.6 | 0.0 | 0.1% |
| 48.1% | 51.9 | 51.7 | -0.1 | -0.3% | 48.1% | 50.6 | 50.5 | 0.0 | 0.0% | 48.1% | 46.7 | 46.7 | 0.0 | 0.1% | 48.1% | 44.6 | 44.6 | 0.0 | 0.1% |
| 49.4% | 51.9 | 51.7 | -0.1 | -0.3% | 49.4% | 50.6 | 50.5 | 0.0 | -0.1% | 49.4% | 46.6 | 46.7 | 0.0 | 0.0% | 49.4% | 44.6 | 44.6 | 0.0 | 0.0% |
| 50.6% | 51.8 | 51.5 | -0.3 | -0.5% | 50.6% | 50.5 | 50.5 | -0.1 | -0.1% | 50.6% | 46.6 | 46.6 | 0.0 | 0.0% | 50.6% | 44.6 | 44.5 | 0.0 | 0.0% |
| 51.9% | 51.8 | 51.5 | -0.3 | -0.5% | 51.9% | 50.5 | 50.4 | 0.0 | -0.1% | 51.9% | 46.6 | 46.6 | 0.0 | 0.0% | 51.9% | 44.5 | 44.5 | 0.0 | 0.1% |
| 53.1% | 51.7 | 51.5 | -0.2 | -0.4% | 53.1% | 50.4 | 50.4 | 0.0 | 0.0% | 53.1% | 46.6 | 46.6 | 0.0 | 0.0% | 53.1% | 44.5 | 44.5 | 0.0 | 0.0% |
| 54.3% | 51.7 | 51.4 | -0.3 | -0.5% | 54.3% | 50.4 | 50.4 | 0.0 | 0.0% | 54.3% | 46.6 | 46.6 | 0.0 | 0.0% | 54.3% | 44.5 | 44.5 | 0.0 | 0.0% |
| 55.6% | 51.5 | 51.4 | -0.1 | -0.3% | 55.6% | 50.4 | 50.4 | 0.0 | 0.1% | 55.6% | 46.6 | 46.6 | 0.0 | 0.1% | 55.6% | 44.5 | 44.5 | 0.0 | 0.0% |
| 56.8% | 51.3 | 51.2 | -0.1 | -0.2% | 56.8% | 50.4 | 50.3 | 0.0 | -0.1% | 56.8% | 46.5 | 46.5 | 0.0 | 0.1% | 56.8% | 44.5 | 44.5 | 0.0 | -0.1% |
| 58.0% | 51.3 | 51.2 | -0.1 | -0.3% | 58.0% | 50.3 | 50.3 | 0.1 | 0.1% | 58.0% | 46.5 | 46.5 | 0.0 | 0.0% | 58.0% | 44.4 | 44.4 | 0.0 | 0.0% |
| 59.3% | 51.2 | 51.1 | -0.1 | -0.2% | 59.3% | 50.2 | 50.3 | 0.1 | 0.2% | 59.3% | 46.5 | 46.5 | 0.0 | 0.0% | 59.3% | 44.4 | 44.4 | 0.0 | 0.0% |
| 60.5% | 51.1 | 51.0 | -0.1 | -0.1% | 60.5% | 50.2 | 50.2 | 0.0 | 0.0% | 60.5% | 46.5 | 46.5 | 0.0 | 0.0% | 60.5% | 44.4 | 44.4 | 0.0 | 0.0% |
| 61.7% | 51.1 | 51.0 | -0.1 | -0.1% | 61.7% | 50.1 | 50.2 | 0.0 | 0.1% | 61.7% | 46.4 | 46.4 | 0.0 | 0.0% | 61.7% | 44.4 | 44.4 | 0.0 | 0.0% |
| 63.0% | 51.1 | 51.0 | -0.1 | -0.2% | 63.0% | 50.1 | 50.1 | 0.0 | 0.0% | 63.0% | 46.4 | 46.4 | 0.0 | 0.0% | 63.0% | 44.4 | 44.4 | 0.0 | 0.1% |
| 64.2% | 51.0 | 51.0 | -0.1 | -0.2% | 64.2% | 50.1 | 50.1 | 0.0 | 0.1% | 64.2% | 46.4 | 46.4 | 0.0 | 0.0% | 64.2% | 44.4 | 44.4 | 0.0 | 0.1% |
| 65.4% | 51.0 | 50.9 | -0.1 | -0.1% | 65.4% | 50.0 | 50.1 | 0.1 | 0.2% | 65.4% | 46.3 | 46.4 | 0.0 | 0.1% | 65.4% | 44.3 | 44.3 | 0.0 | 0.0% |
| 66.7% | 51.0 | 50.9 | 0.0 | -0.1% | 66.7% | 50.0 | 50.0 | 0.0 | 0.0% | 66.7% | 46.3 | 46.3 | 0.0 | 0.0% | 66.7% | 44.3 | 44.3 | 0.0 | -0.1% |
| 67.9% | 51.0 | 50.8 | -0.1 | -0.2% | 67.9% | 49.9 | 50.0 | 0.0 | 0.1% | 67.9% | 46.3 | 46.2 | 0.0 | -0.1% | 67.9% | 44.2 | 44.3 | 0.0 | 0.0% |
| 69.1% | 50.9 | 50.8 | -0.1 | -0.2% | 69.1% | 49.9 | 49.9 | 0.0 | 0.0% | 69.1% | 46.2 | 46.2 | 0.0 | -0.1% | 69.1% | 44.2 | 44.2 | 0.0 | 0.0% |
| 70.4% | 50.9 | 50.8 | -0.1 | -0.2% | 70.4% | 49.8 | 49.9 | 0.0 | 0.1% | 70.4% | 46.2 | 46.2 | 0.0 | -0.1% | 70.4% | 44.2 | 44.2 | 0.0 | 0.0% |
| 71.6% | 50.9 | 50.8 | -0.1 | -0.2% | 71.6% | 49.8 | 49.8 | 0.0 | 0.0% | 71.6% | 46.2 | 46.2 | 0.0 | -0.1% | 71.6% | 44.1 | 44.1 | 0.0 | 0.0% |
| 72.8% | 50.7 | 50.6 | -0.1 | -0.2% | 72.8% | 49.8 | 49.8 | 0.0 | -0.1% | 72.8% | 46.2 | 46.2 | 0.0 | 0.0% | 72.8% | 44.1 | 44.0 | -0.1 | -0.1% |
| 74.1% | 50.6 | 50.6 | 0.0 | 0.1% | 74.1% | 49.8 | 49.7 | 0.0 | -0.1% | 74.1% | 46.2 | 46.2 | 0.0 | 0.0% | 74.1% | 44.0 | 44.0 | 0.0 | -0.1% |
| 75.3% | 50.5 | 50.5 | 0.0 | 0.0% | 75.3% | 49.8 | 49.7 | 0.0 | 0.0% | 75.3% | 46.2 | 46.1 | 0.0 | 0.0% | 75.3% | 44.0 | 44.0 | 0.0 | -0.1% |
| 76.5% | 50.5 | 50.5 | 0.0 | 0.0% | 76.5% | 49.7 | 49.7 | 0.0 | -0.1% | 76.5% | 46.1 | 46.1 | 0.0 | 0.0% | 76.5% | 44.0 | 44.0 | -0.1 | -0.1% |
| 77.8% | 50.5 | 50.5 | 0.0 | 0.0% | 77.8% | 49.7 | 49.7 | -0.1 | -0.1% | 77.8% | 46.1 | 46.1 | 0.0 | 0.0% | 77.8% | 44.0 | 44.0 | -0.1 | -0.1% |
| 79.0% | 50.4 | 50.5 | 0.1 | 0.1% | 79.0% | 49.7 | 49.6 | -0.1 | -0.2% | 79.0% | 46.1 | 46.0 | -0.1 | -0.1% | 79.0% | 44.0 | 44.0 | 0.0 | -0.1% |
| 80.2% | 50.4 | 50.4 | 0.0 | 0.0% | 80.2% | 49.7 | 49.6 | -0.1 | -0.1% | 80.2% | 46.1 | 46.0 | -0.1 | -0.1% | 80.2% | 44.0 | 43.9 | 0.0 | 0.0% |
| 81.5% | 50.4 | 50.3 | -0.1 | -0.2% | 81.5% | 49.6 | 49.5 | -0.1 | -0.3% | 81.5% | 46.0 | 46.0 | 0.0 | 0.0% | 81.5% | 43.9 | 43.9 | 0.0 | 0.0% |
| 82.7% | 50.4 | 50.2 | -0.1 | -0.3% | 82.7% | 49.6 | 49.5 | -0.1 | -0.1% | 82.7% | 45.9 | 45.9 | 0.0 | -0.1% | 82.7% | 43.9 | 43.9 | 0.0 | -0.1% |
| 84.0% | 50.3 | 50.2 | -0.1 | -0.2% | 84.0% | 49.6 | 49.5 | -0.1 | -0.1% | 84.0% | 45.9 | 45.8 | 0.0 | 0.0% | 84.0% | 43.9 | 43.8 | -0.1 | -0.2% |
| 85.2% | 50.2 | 50.2 | 0.0 | 0.0% | 85.2% | 49.5 | 49.4 | -0.1 | -0.2% | 85.2% | 45.8 | 45.8 | 0.0 | 0.0% | 85.2% | 43.8 | 43.8 | 0.0 | 0.0% |
| 86.4% | 50.2 | 50.2 | 0.0 | 0.0% | 86.4% | 49.5 | 49.4 | -0.1 | -0.1% | 86.4% | 45.8 | 45.8 | 0.0 | -0.1% | 86.4% | 43.8 | 43.8 | 0.0 | 0.1% |
| 87.7% | 50.1 | 50.1 | 0.0 | 0.1% | 87.7% | 49.2 | 49.3 | 0.1 | 0.2% | 87.7% | 45.8 | 45.7 | -0.1 | -0.2% | 87.7% | 43.7 | 43.8 | 0.0 | 0.0% |
| 88.9% | 50.1 | 49.9 | -0.1 | -0.3% | 88.9% | 49.2 | 49.3 | 0.0 | 0.1% | 88.9% | 45.8 | 45.7 | -0.1 | -0.1% | 88.9% | 43.7 | 43.7 | 0.0 | 0.0% |
| 90.1% | 49.8 | 49.9 | 0.1 | 0.2% | 90.1% | 49.2 | 49.2 | 0.0 | 0.0% | 90.1% | 45.8 | 45.7 | -0.1 | -0.1% | 90.1% | 43.7 | 43.7 | 0.1 | 0.1% |
| 91.4% | 49.8 | 49.6 | -0.2 | -0.3% | 91.4% | 49.1 | 49.2 | 0.1 | 0.2% | 91.4% | 45.8 | 45.7 | -0.1 | -0.2% | 91.4% | 43.7 | 43.7 | 0.0 | 0.1% |
| 92.6% | 49.7 | 49.6 | -0.2 | -0.3% | 92.6% | 48.9 | 49.0 | 0.1 | 0.1% | 92.6% | 45.7 | 45.6 | -0.1 | -0.2% | 92.6% | 43.6 | 43.7 | 0.1 | 0.1% |
| 93.8% | 49.6 | 49.5 | -0.1 | -0.2% | 93.8% | 48.9 | 49.0 | 0.1 | 0.2% | 93.8% | 45.7 | 45.6 | -0.1 | -0.1% | 93.8% | 43.6 | 43.6 | 0.1 | 0.2% |
| 95.1% | 49.5 | 49.5 | -0.1 | -0.2% | 95.1% | 48.7 | 48.8 | 0.0 | 0.1% | 95.1% | 45.6 | 45.5 | -0.2 | -0.4% | 95.1% | 43.5 | 43.5 | 0.0 | -0.1% |
| 96.3% | 49.3 | 49.4 | 0.1 | 0.2% | 96.3% | 48.7 | 48.7 | 0.0 | 0.1% | 96.3% | 45.6 | 45.4 | -0.1 | -0.3% | 96.3% | 43.5 | 43.5 | 0.0 | -0.1% |
| 97.5% | 49.3 | 49.3 | 0.0 | 0.1% | 97.5% | 48.5 | 48.5 | 0.0 | -0.1% | 97.5% | 45.5 | 45.1 | -0.4 | -0.8% | 97.5% | 43.5 | 43.4 | 0.0 | -0.1% |
| 98.8% | 49.0 | 49.2 | 0.3 | 0.6% | 98.8% | 48.3 | 48.2 | -0.1 | -0.1% | 98.8% | 44.9 | 44.9 | 0.0 | 0.1% | 98.8% | 43.1 | 43.1 | 0.0 | 0.0% |
| 100.0% | 49.0 | 49.2 | 0.0 | 0.6% | 100.0% | 48.3 | 48.2 | -0.1 | -0.1% | 100.0% | 44.9 | 44.9 | 0.0 | 0.1% | 100.0% | 43.1 | 43.1 | 0.0 | 0.0% |

## Table SQ13-1b

**Clear Creek below Whiskeytown, Monthly Temperature**

**Probability of Exceedance**

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 50.1 | 50.1 | 0.0 | 0.0% | 0.0% | 48.9 | 48.9 | 0.0 | 0.0% | 0.0% | 49.9 | 49.9 | 0.0 | 0.0% | 0.0% | 50.8 | 50.8 | 0.0 | 0.1% |
| 1.2% | 47.5 | 48.1 | 0.6 | 1.3% | 1.2% | 48.0 | 48.0 | 0.0 | 0.0% | 1.2% | 49.8 | 49.8 | 0.0 | 0.0% | 1.2% | 50.7 | 50.7 | 0.0 | 0.0% |
| 2.5% | 47.4 | 47.4 | 0.0 | 0.0% | 2.5% | 47.8 | 47.8 | 0.0 | 0.0% | 2.5% | 49.4 | 49.1 | -0.3 | -0.5% | 2.5% | 50.5 | 50.5 | 0.0 | -0.1% |
| 3.7% | 47.3 | 46.8 | -0.5 | -1.1% | 3.7% | 47.6 | 47.5 | 0.0 | 0.0% | 3.7% | 49.1 | 49.0 | 0.0 | 0.0% | 3.7% | 50.4 | 50.4 | 0.0 | 0.0% |
| 4.9% | 46.8 | 46.5 | -0.3 | -0.7% | 4.9% | 47.4 | 47.4 | 0.0 | -0.1% | 4.9% | 48.9 | 48.7 | -0.2 | -0.4% | 4.9% | 50.3 | 49.9 | -0.4 | -0.8% |
| 6.2% | 46.5 | 46.3 | -0.2 | -0.4% | 6.2% | 47.4 | 47.2 | -0.2 | -0.4% | 6.2% | 48.7 | 48.6 | -0.1 | -0.1% | 6.2% | 49.8 | 49.7 | -0.1 | -0.3% |
| 7.4% | 46.3 | 46.3 | 0.0 | -0.1% | 7.4% | 47.4 | 47.1 | -0.3 | -0.6% | 7.4% | 48.6 | 48.6 | 0.0 | 0.0% | 7.4% | 49.6 | 49.6 | 0.0 | -0.1% |
| 8.6% | 46.3 | 46.2 | -0.1 | -0.2% | 8.6% | 47.1 | 47.1 | 0.0 | -0.1% | 8.6% | 48.2 | 48.6 | 0.3 | 0.7% | 8.6% | 49.4 | 49.5 | 0.1 | 0.2% |
| 9.9% | 46.2 | 45.8 | -0.4 | -1.0% | 9.9% | 46.8 | 46.9 | 0.1 | 0.2% | 9.9% | 48.2 | 48.5 | 0.2 | 0.5% | 9.9% | 49.4 | 49.5 | 0.1 | 0.2% |
| 11.1% | 45.8 | 45.7 | -0.1 | -0.2% | 11.1% | 46.7 | 46.8 | 0.1 | 0.2% | 11.1% | 48.2 | 48.2 | 0.0 | 0.1% | 11.1% | 49.3 | 49.5 | 0.1 | 0.2% |
| 12.3% | 45.7 | 45.7 | 0.0 | 0.0% | 12.3% | 46.7 | 46.8 | 0.0 | 0.1% | 12.3% | 48.1 | 48.2 | 0.1 | 0.1% | 12.3% | 49.3 | 49.4 | 0.1 | 0.3% |
| 13.6% | 45.6 | 45.6 | 0.0 | 0.0% | 13.6% | 46.7 | 46.7 | 0.0 | 0.0% | 13.6% | 48.0 | 48.1 | 0.1 | 0.2% | 13.6% | 49.2 | 49.4 | 0.2 | 0.4% |
| 14.8% | 45.5 | 45.6 | 0.0 | 0.0% | 14.8% | 46.7 | 46.7 | 0.0 | 0.0% | 14.8% | 48.0 | 48.1 | 0.1 | 0.1% | 14.8% | 49.2 | 49.3 | 0.1 | 0.2% |
| 16.0% | 45.5 | 45.5 | 0.0 | 0.0% | 16.0% | 46.4 | 46.7 | 0.2 | 0.5% | 16.0% | 48.0 | 48.1 | 0.1 | 0.1% | 16.0% | 49.2 | 49.2 | 0.1 | 0.2% |
| 17.3% | 45.5 | 45.5 | 0.0 | 0.0% | 17.3% | 46.3 | 46.4 | 0.1 | 0.2% | 17.3% | 48.0 | 48.0 | 0.0 | 0.1% | 17.3% | 49.1 | 49.1 | 0.0 | 0.0% |
| 18.5% | 45.3 | 45.3 | 0.0 | 0.0% | 18.5% | 46.3 | 46.4 | 0.0 | 0.1% | 18.5% | 47.8 | 48.0 | 0.2 | 0.4% | 18.5% | 49.1 | 49.1 | 0.0 | 0.0% |
| 19.8% | 45.3 | 45.3 | 0.0 | 0.0% | 19.8% | 46.3 | 46.3 | 0.0 | 0.1% | 19.8% | 47.8 | 47.8 | 0.1 | 0.2% | 19.8% | 49.1 | 49.1 | 0.0 | 0.0% |
| 21.0% | 45.3 | 45.2 | 0.0 | -0.1% | 21.0% | 46.2 | 46.3 | 0.1 | 0.3% | 21.0% | 47.7 | 47.7 | 0.0 | 0.1% | 21.0% | 49.0 | 49.0 | 0.0 | -0.1% |
| 22.2% | 45.2 | 45.2 | 0.0 | 0.0% | 22.2% | 46.1 | 46.1 | 0.0 | 0.0% | 22.2% | 47.6 | 47.7 | 0.0 | 0.1% | 22.2% | 49.0 | 48.9 | 0.0 | -0.1% |
| 23.5% | 45.2 | 45.2 | 0.0 | 0.0% | 23.5% | 46.1 | 46.0 | -0.1 | -0.2% | 23.5% | 47.6 | 47.7 | 0.0 | 0.0% | 23.5% | 49.0 | 48.9 | 0.0 | 0.0% |
| 24.7% | 45.2 | 45.2 | 0.0 | 0.0% | 24.7% | 46.1 | 46.0 | -0.1 | -0.1% | 24.7% | 47.5 | 47.6 | 0.1 | 0.2% | 24.7% | 48.9 | 48.9 | 0.0 | -0.1% |
| 25.9% | 45.2 | 45.1 | 0.0 | 0.0% | 25.9% | 46.0 | 46.0 | 0.0 | -0.1% | 25.9% | 47.5 | 47.5 | 0.0 | 0.1% | 25.9% | 48.9 | 48.8 | -0.1 | -0.1% |
| 27.2% | 45.1 | 45.1 | 0.0 | 0.0% | 27.2% | 46.0 | 46.0 | 0.0 | 0.0% | 27.2% | 47.5 | 47.5 | 0.1 | 0.1% | 27.2% | 48.8 | 48.8 | -0.1 | -0.1% |
| 28.4% | 45.1 | 45.0 | -0.1 | -0.2% | 28.4% | 46.0 | 45.9 | 0.0 | 0.0% | 28.4% | 47.4 | 47.5 | 0.0 | 0.1% | 28.4% | 48.7 | 48.8 | 0.0 | 0.0% |
| 29.6% | 45.0 | 45.0 | 0.0 | 0.1% | 29.6% | 45.9 | 45.9 | 0.0 | 0.0% | 29.6% | 47.4 | 47.5 | 0.1 | 0.2% | 29.6% | 48.7 | 48.7 | 0.0 | 0.1% |
| 30.9% | 45.0 | 45.0 | 0.0 | 0.0% | 30.9% | 45.9 | 45.9 | 0.0 | -0.1% | 30.9% | 47.4 | 47.4 | 0.0 | 0.1% | 30.9% | 48.7 | 48.7 | 0.1 | 0.1% |
| 32.1% | 45.0 | 45.0 | 0.0 | 0.0% | 32.1% | 45.8 | 45.9 | 0.0 | 0.1% | 32.1% | 47.4 | 47.4 | 0.0 | 0.0% | 32.1% | 48.7 | 48.7 | 0.0 | 0.1% |
| 33.3% | 44.9 | 44.9 | 0.0 | 0.0% | 33.3% | 45.8 | 45.8 | 0.0 | 0.0% | 33.3% | 47.4 | 47.4 | 0.0 | 0.0% | 33.3% | 48.6 | 48.7 | 0.0 | 0.1% |
| 34.6% | 44.9 | 44.9 | 0.0 | 0.1% | 34.6% | 45.8 | 45.8 | 0.0 | 0.1% | 34.6% | 47.3 | 47.4 | 0.0 | 0.1% | 34.6% | 48.6 | 48.6 | 0.0 | 0.0% |
| 35.8% | 44.9 | 44.9 | 0.0 | 0.0% | 35.8% | 45.8 | 45.8 | 0.1 | 0.1% | 35.8% | 47.3 | 47.4 | 0.1 | 0.1% | 35.8% | 48.6 | 48.6 | 0.0 | 0.1% |
| 37.0% | 44.8 | 44.9 | 0.0 | 0.1% | 37.0% | 45.7 | 45.8 | 0.0 | 0.1% | 37.0% | 47.2 | 47.4 | 0.1 | 0.3% | 37.0% | 48.5 | 48.6 | 0.0 | 0.1% |
| 38.3% | 44.7 | 44.8 | 0.0 | 0.1% | 38.3% | 45.7 | 45.7 | 0.0 | 0.0% | 38.3% | 47.2 | 47.2 | 0.0 | 0.0% | 38.3% | 48.5 | 48.6 | 0.1 | 0.1% |
| 39.5% | 44.7 | 44.8 | 0.0 | 0.0% | 39.5% | 45.7 | 45.7 | 0.0 | 0.0% | 39.5% | 47.2 | 47.2 | 0.0 | 0.0% | 39.5% | 48.5 | 48.5 | 0.0 | 0.1% |
| 40.7% | 44.7 | 44.8 | 0.0 | 0.0% | 40.7% | 45.7 | 45.7 | 0.0 | 0.0% | 40.7% | 47.2 | 47.1 | 0.0 | 0.0% | 40.7% | 48.5 | 48.5 | 0.0 | 0.1% |
| 42.0% | 44.7 | 44.7 | 0.0 | 0.1% | 42.0% | 45.7 | 45.7 | 0.0 | 0.0% | 42.0% | 47.1 | 47.1 | 0.0 | 0.0% | 42.0% | 48.5 | 48.5 | 0.0 | 0.0% |
| 43.2% | 44.7 | 44.7 | 0.0 | 0.0% | 43.2% | 45.6 | 45.6 | 0.0 | 0.1% | 43.2% | 47.1 | 47.1 | 0.0 | 0.0% | 43.2% | 48.4 | 48.4 | 0.0 | 0.0% |
| 44.4% | 44.6 | 44.7 | 0.0 | 0.1% | 44.4% | 45.6 | 45.6 | 0.0 | 0.1% | 44.4% | 47.1 | 47.1 | 0.0 | 0.0% | 44.4% | 48.4 | 48.4 | -0.1 | -0.1% |
| 45.7% | 44.6 | 44.7 | 0.0 | 0.0% | 45.7% | 45.5 | 45.6 | 0.0 | 0.1% | 45.7% | 47.1 | 47.1 | 0.0 | 0.0% | 45.7% | 48.4 | 48.3 | -0.1 | -0.1% |
| 46.9% | 44.6 | 44.6 | 0.0 | 0.0% | 46.9% | 45.5 | 45.6 | 0.0 | 0.1% | 46.9% | 47.0 | 47.0 | 0.0 | -0.1% | 46.9% | 48.4 | 48.3 | -0.1 | -0.2% |
| 48.1% | 44.6 | 44.6 | 0.0 | 0.0% | 48.1% | 45.5 | 45.6 | 0.0 | 0.1% | 48.1% | 47.0 | 47.0 | 0.0 | -0.1% | 48.1% | 48.4 | 48.2 | -0.1 | -0.3% |
| 49.4% | 44.6 | 44.6 | 0.0 | 0.0% | 49.4% | 45.5 | 45.6 | 0.0 | 0.1% | 49.4% | 47.0 | 46.9 | -0.1 | -0.2% | 49.4% | 48.3 | 48.1 | -0.2 | -0.3% |
| 50.6% | 44.6 | 44.5 | 0.0 | -0.1% | 50.6% | 45.5 | 45.5 | 0.1 | 0.2% | 50.6% | 47.0 | 46.9 | -0.1 | -0.2% | 50.6% | 48.2 | 48.1 | -0.2 | -0.3% |
| 51.9% | 44.6 | 44.5 | -0.1 | -0.2% | 51.9% | 45.5 | 45.5 | 0.0 | 0.0% | 51.9% | 46.9 | 46.8 | -0.1 | -0.1% | 51.9% | 48.2 | 48.1 | -0.1 | -0.3% |
| 53.1% | 44.5 | 44.5 | 0.0 | 0.0% | 53.1% | 45.5 | 45.5 | 0.0 | 0.0% | 53.1% | 46.9 | 46.8 | 0.0 | -0.1% | 53.1% | 48.1 | 48.1 | 0.0 | 0.0% |
| 54.3% | 44.5 | 44.5 | 0.0 | -0.1% | 54.3% | 45.5 | 45.5 | 0.0 | 0.0% | 54.3% | 46.8 | 46.8 | 0.0 | -0.1% | 54.3% | 48.1 | 48.0 | -0.1 | -0.1% |
| 55.6% | 44.5 | 44.5 | 0.0 | 0.0% | 55.6% | 45.4 | 45.5 | 0.0 | 0.0% | 55.6% | 46.8 | 46.8 | 0.0 | 0.0% | 55.6% | 48.0 | 48.0 | 0.0 | 0.0% |
| 56.8% | 44.5 | 44.5 | 0.0 | 0.0% | 56.8% | 45.4 | 45.5 | 0.0 | 0.0% | 56.8% | 46.8 | 46.8 | 0.0 | 0.0% | 56.8% | 48.0 | 48.0 | 0.0 | -0.1% |
| 58.0% | 44.5 | 44.4 | 0.0 | 0.0% | 58.0% | 45.4 | 45.5 | 0.0 | 0.1% | 58.0% | 46.8 | 46.8 | 0.0 | 0.0% | 58.0% | 48.0 | 47.9 | 0.0 | 0.0% |
| 59.3% | 44.4 | 44.4 | 0.0 | 0.0% | 59.3% | 45.4 | 45.4 | 0.0 | 0.1% | 59.3% | 46.8 | 46.8 | 0.0 | 0.0% | 59.3% | 47.9 | 47.8 | -0.1 | -0.1% |
| 60.5% | 44.4 | 44.4 | 0.0 | -0.1% | 60.5% | 45.4 | 45.4 | 0.0 | 0.1% | 60.5% | 46.7 | 46.7 | 0.0 | 0.0% | 60.5% | 47.9 | 47.8 | -0.1 | -0.1% |
| 61.7% | 44.3 | 44.3 | 0.0 | 0.0% | 61.7% | 45.4 | 45.4 | 0.0 | 0.1% | 61.7% | 46.7 | 46.7 | 0.0 | 0.0% | 61.7% | 47.9 | 47.8 | -0.1 | -0.1% |
| 63.0% | 44.3 | 44.3 | 0.0 | 0.0% | 63.0% | 45.4 | 45.4 | 0.0 | 0.1% | 63.0% | 46.7 | 46.7 | 0.0 | 0.0% | 63.0% | 47.8 | 47.8 | -0.1 | -0.1% |
| 64.2% | 44.3 | 44.3 | 0.0 | 0.0% | 64.2% | 45.4 | 45.4 | 0.0 | 0.0% | 64.2% | 46.7 | 46.6 | 0.0 | -0.1% | 64.2% | 47.8 | 47.8 | -0.1 | -0.1% |
| 65.4% | 44.2 | 44.2 | 0.0 | -0.1% | 65.4% | 45.4 | 45.4 | 0.0 | 0.0% | 65.4% | 46.7 | 46.6 | 0.0 | 0.0% | 65.4% | 47.8 | 47.8 | -0.1 | -0.1% |
| 66.7% | 44.2 | 44.2 | 0.0 | 0.0% | 66.7% | 45.3 | 45.3 | -0.1 | -0.2% | 66.7% | 46.6 | 46.6 | 0.0 | -0.1% | 66.7% | 47.8 | 47.7 | 0.0 | -0.1% |
| 67.9% | 44.2 | 44.1 | -0.1 | -0.1% | 67.9% | 45.3 | 45.2 | -0.1 | -0.2% | 67.9% | 46.6 | 46.5 | 0.0 | -0.1% | 67.9% | 47.7 | 47.7 | 0.0 | 0.0% |
| 69.1% | 44.1 | 44.1 | 0.0 | 0.0% | 69.1% | 45.2 | 45.2 | 0.0 | -0.1% | 69.1% | 46.6 | 46.5 | -0.1 | -0.2% | 69.1% | 47.7 | 47.7 | 0.0 | 0.0% |
| 70.4% | 44.1 | 44.1 | 0.0 | 0.1% | 70.4% | 45.2 | 45.2 | 0.0 | 0.0% | 70.4% | 46.6 | 46.5 | -0.1 | -0.1% | 70.4% | 47.7 | 47.6 | -0.1 | -0.1% |
| 71.6% | 44.1 | 44.1 | 0.0 | 0.0% | 71.6% | 45.1 | 45.2 | 0.0 | 0.0% | 71.6% | 46.5 | 46.5 | -0.1 | -0.2% | 71.6% | 47.6 | 47.6 | 0.0 | 0.0% |
| 72.8% | 44.1 | 44.1 | 0.0 | 0.0% | 72.8% | 45.1 | 45.0 | -0.1 | -0.2% | 72.8% | 46.5 | 46.4 | -0.1 | -0.2% | 72.8% | 47.6 | 47.5 | 0.0 | -0.1% |
| 74.1% | 44.1 | 44.1 | 0.0 | 0.0% | 74.1% | 45.0 | 45.0 | 0.0 | -0.1% | 74.1% | 46.5 | 46.4 | -0.1 | -0.1% | 74.1% | 47.5 | 47.5 | 0.0 | 0.0% |
| 75.3% | 44.0 | 44.0 | 0.0 | 0.0% | 75.3% | 45.0 | 45.0 | -0.1 | -0.2% | 75.3% | 46.5 | 46.4 | -0.1 | -0.2% | 75.3% | 47.5 | 47.5 | 0.0 | 0.0% |
| 76.5% | 44.0 | 43.9 | 0.0 | 0.0% | 76.5% | 44.9 | 44.9 | 0.0 | 0.0% | 76.5% | 46.4 | 46.4 | 0.0 | 0.0% | 76.5% | 47.5 | 47.4 | -0.1 | -0.2% |
| 77.8% | 44.0 | 43.9 | 0.0 | -0.1% | 77.8% | 44.9 | 44.9 | 0.0 | 0.0% | 77.8% | 46.3 | 46.4 | 0.0 | 0.1% | 77.8% | 47.5 | 47.4 | -0.1 | -0.2% |
| 79.0% | 43.9 | 43.9 | 0.0 | -0.1% | 79.0% | 44.9 | 44.9 | 0.0 | -0.1% | 79.0% | 46.3 | 46.4 | 0.0 | 0.0% | 79.0% | 47.3 | 47.3 | 0.0 | 0.1% |
| 80.2% | 43.9 | 43.9 | 0.0 | -0.1% | 80.2% | 44.9 | 44.8 | 0.0 | -0.1% | 80.2% | 46.3 | 46.3 | 0.0 | 0.0% | 80.2% | 47.3 | 47.3 | 0.0 | 0.0% |
| 81.5% | 43.9 | 43.9 | 0.0 | 0.0% | 81.5% | 44.8 | 44.8 | 0.0 | 0.0% | 81.5% | 46.3 | 46.3 | 0.0 | 0.0% | 81.5% | 47.2 | 47.2 | 0.0 | 0.0% |
| 82.7% | 43.9 | 43.9 | 0.0 | 0.0% | 82.7% | 44.8 | 44.8 | 0.0 | -0.1% | 82.7% | 46.2 | 46.2 | 0.0 | 0.0% | 82.7% | 47.2 | 47.2 | 0.0 | 0.0% |
| 84.0% | 43.9 | 43.9 | 0.0 | 0.0% | 84.0% | 44.8 | 44.8 | -0.1 | -0.1% | 84.0% | 46.1 | 46.1 | 0.0 | 0.0% | 84.0% | 47.2 | 47.2 | 0.0 | 0.0% |
| 85.2% | 43.8 | 43.8 | 0.0 | 0.0% | 85.2% | 44.8 | 44.8 | 0.0 | -0.1% | 85.2% | 46.1 | 46.1 | 0.0 | 0.0% | 85.2% | 47.1 | 47.1 | 0.0 | 0.0% |
| 86.4% | 43.8 | 43.8 | 0.0 | 0.1% | 86.4% | 44.8 | 44.8 | 0.0 | -0.1% | 86.4% | 46.0 | 46.0 | 0.0 | -0.1% | 86.4% | 47.1 | 47.1 | 0.0 | 0.1% |
| 87.7% | 43.6 | 43.8 | 0.2 | 0.4% | 87.7% | 44.8 | 44.7 | 0.0 | -0.1% | 87.7% | 46.0 | 46.0 | 0.0 | 0.0% | 87.7% | 47.0 | 47.0 | -0.1 | -0.1% |
| 88.9% | 43.6 | 43.6 | 0.0 | 0.0% | 88.9% | 44.4 | 44.4 | 0.0 | 0.0% | 88.9% | 45.8 | 45.9 | 0.1 | 0.3% | 88.9% | 47.0 | 46.9 | -0.1 | -0.1% |
| 90.1% | 43.6 | 43.6 | 0.0 | 0.1% | 90.1% | 44.4 | 44.3 | 0.0 | 0.0% | 90.1% | 45.7 | 45.8 | 0.1 | 0.2% | 90.1% | 46.9 | 46.9 | 0.0 | 0.0% |
| 91.4% | 43.6 | 43.6 | 0.0 | 0.1% | 91.4% | 44.3 | 44.3 | 0.0 | 0.0% | 91.4% | 45.7 | 45.7 | 0.0 | 0.0% | 91.4% | 46.9 | 46.9 | 0.0 | 0.0% |
| 92.6% | 43.5 | 43.6 | 0.1 | 0.3% | 92.6% | 44.2 | 44.3 | 0.1 | 0.2% | 92.6% | 45.6 | 45.7 | 0.1 | 0.2% | 92.6% | 46.8 | 46.9 | 0.1 | 0.2% |
| 93.8% | 43.4 | 43.4 | 0.0 | 0.0% | 93.8% | 44.1 | 44.2 | 0.0 | 0.1% | 93.8% | 45.6 | 45.4 | -0.1 | -0.3% | 93.8% | 46.7 | 46.6 | -0.1 | -0.1% |
| 95.1% | 43.4 | 43.4 | 0.0 | 0.0% | 95.1% | 44.1 | 44.1 | 0.0 | 0.0% | 95.1% | 45.4 | 45.4 | 0.0 | 0.0% | 95.1% | 46.6 | 46.5 | -0.2 | -0.4% |
| 96.3% | 43.3 | 43.4 | 0.0 | 0.0% | 96.3% | 44.1 | 44.1 | -0.1 | -0.1% | 96.3% | 45.4 | 45.3 | -0.1 | -0.3% | 96.3% | 46.4 | 46.4 | 0.0 | 0.0% |
| 97.5% | 43.3 | 43.2 | -0.1 | -0.2% | 97.5% | 44.0 | 44.0 | 0.0 | 0.0% | 97.5% | 45.1 | 45.2 | 0.1 | 0.2% | 97.5% | 46.4 | 46.4 | 0.0 | 0.0% |
| 98.8% | 43.2 | 43.1 | 0.0 | -0.1% | 98.8% | 44.0 | 44.0 | 0.0 | 0.0% | 98.8% | 45.0 | 45.1 | 0.1 | 0.2% | 98.8% | 46.3 | 46.2 | -0.1 | -0.2% |
| 100.0% | 43.2 | 43.1 | 0.0 | -0.1% | 100.0% | 44.0 | 44.0 | 0.0 | 0.0% | 100.0% | 45.0 | 45.1 | 0.1 | 0.2% | 100.0% | 46.3 | 46.2 | -0.1 | -0.2% |

## Table SQ13-1b

**Clear Creek below Whiskeytown, Monthly Temperature**

**Probability of Exceedance**

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 55.0 | 55.0 | 0.0 | 0.1% | 0.0% | 54.3 | 54.4 | 0.2 | 0.3% | 0.0% | 57.9 | 56.9 | -1.0 | -1.7% | 0.0% | 60.2 | 58.9 | -1.3 | -2.2% |
| 1.2% | 52.4 | 52.4 | 0.0 | 0.0% | 1.2% | 54.0 | 54.0 | 0.0 | 0.0% | 1.2% | 54.8 | 54.7 | -0.1 | -0.1% | 1.2% | 56.0 | 56.0 | 0.0 | 0.0% |
| 2.5% | 52.1 | 52.2 | 0.1 | 0.2% | 2.5% | 53.6 | 53.4 | -0.2 | -0.3% | 2.5% | 54.2 | 54.3 | 0.1 | 0.2% | 2.5% | 56.0 | 55.9 | 0.0 | 0.0% |
| 3.7% | 52.1 | 52.1 | 0.0 | 0.0% | 3.7% | 53.4 | 53.4 | 0.0 | 0.0% | 3.7% | 54.1 | 54.0 | -0.1 | -0.2% | 3.7% | 55.2 | 55.0 | -0.2 | -0.3% |
| 4.9% | 52.0 | 52.1 | 0.1 | 0.2% | 4.9% | 53.3 | 53.3 | 0.0 | 0.0% | 4.9% | 54.0 | 54.0 | 0.0 | 0.0% | 4.9% | 54.9 | 54.7 | -0.3 | -0.5% |
| 6.2% | 51.6 | 51.6 | 0.0 | 0.0% | 6.2% | 53.3 | 53.3 | 0.0 | 0.0% | 6.2% | 53.9 | 54.0 | 0.1 | 0.1% | 6.2% | 54.7 | 54.5 | -0.2 | -0.4% |
| 7.4% | 51.6 | 51.5 | -0.1 | -0.2% | 7.4% | 53.3 | 53.3 | 0.0 | 0.0% | 7.4% | 53.9 | 54.0 | 0.0 | 0.1% | 7.4% | 54.5 | 54.5 | 0.0 | -0.1% |
| 8.6% | 51.4 | 51.3 | -0.1 | -0.2% | 8.6% | 53.3 | 53.3 | 0.0 | 0.0% | 8.6% | 53.8 | 53.8 | 0.0 | 0.1% | 8.6% | 54.1 | 54.0 | -0.1 | -0.1% |
| 9.9% | 51.4 | 51.3 | -0.1 | -0.3% | 9.9% | 52.8 | 53.0 | 0.2 | 0.4% | 9.9% | 53.7 | 53.8 | 0.0 | 0.1% | 9.9% | 54.0 | 54.0 | 0.0 | -0.1% |
| 11.1% | 51.2 | 51.2 | 0.0 | 0.0% | 11.1% | 52.8 | 53.0 | 0.2 | 0.5% | 11.1% | 53.7 | 53.7 | 0.0 | 0.0% | 11.1% | 54.0 | 53.9 | 0.0 | -0.1% |
| 12.3% | 51.2 | 51.1 | 0.0 | 0.0% | 12.3% | 52.7 | 52.9 | 0.2 | 0.4% | 12.3% | 53.7 | 53.7 | 0.0 | 0.0% | 12.3% | 53.9 | 53.9 | 0.0 | 0.0% |
| 13.6% | 51.1 | 51.0 | 0.0 | -0.1% | 13.6% | 52.7 | 52.8 | 0.1 | 0.1% | 13.6% | 53.6 | 53.7 | 0.1 | 0.2% | 13.6% | 53.9 | 53.9 | 0.0 | 0.1% |
| 14.8% | 51.0 | 51.0 | 0.0 | -0.1% | 14.8% | 52.7 | 52.7 | 0.0 | 0.0% | 14.8% | 53.5 | 53.7 | 0.2 | 0.3% | 14.8% | 53.7 | 53.9 | 0.1 | 0.3% |
| 16.0% | 51.0 | 51.0 | 0.0 | 0.0% | 16.0% | 52.6 | 52.6 | 0.0 | -0.1% | 16.0% | 53.5 | 53.6 | 0.0 | 0.1% | 16.0% | 53.7 | 53.8 | 0.1 | 0.3% |
| 17.3% | 50.9 | 50.9 | 0.0 | 0.0% | 17.3% | 52.6 | 52.3 | -0.2 | -0.4% | 17.3% | 53.5 | 53.5 | 0.0 | -0.1% | 17.3% | 53.6 | 53.7 | 0.1 | 0.1% |
| 18.5% | 50.9 | 50.7 | -0.2 | -0.3% | 18.5% | 52.5 | 52.3 | -0.2 | -0.4% | 18.5% | 53.3 | 53.3 | 0.0 | -0.1% | 18.5% | 53.6 | 53.6 | 0.0 | -0.1% |
| 19.8% | 50.8 | 50.7 | -0.1 | -0.2% | 19.8% | 52.4 | 52.2 | -0.2 | -0.4% | 19.8% | 53.3 | 53.3 | 0.0 | 0.0% | 19.8% | 53.5 | 53.5 | 0.0 | 0.0% |
| 21.0% | 50.7 | 50.6 | -0.1 | -0.2% | 21.0% | 52.4 | 52.2 | -0.2 | -0.3% | 21.0% | 53.3 | 53.2 | -0.1 | -0.2% | 21.0% | 53.5 | 53.5 | 0.0 | 0.0% |
| 22.2% | 50.7 | 50.6 | -0.1 | -0.3% | 22.2% | 52.4 | 52.2 | -0.2 | -0.3% | 22.2% | 53.3 | 53.2 | -0.1 | -0.1% | 22.2% | 53.2 | 53.3 | 0.1 | 0.2% |
| 23.5% | 50.6 | 50.6 | 0.0 | 0.0% | 23.5% | 52.3 | 52.2 | -0.1 | -0.3% | 23.5% | 53.1 | 53.2 | 0.0 | 0.0% | 23.5% | 53.2 | 53.3 | 0.1 | 0.1% |
| 24.7% | 50.5 | 50.4 | 0.0 | -0.1% | 24.7% | 52.3 | 52.2 | -0.1 | -0.3% | 24.7% | 53.1 | 53.2 | 0.1 | 0.1% | 24.7% | 53.2 | 53.2 | 0.0 | 0.1% |
| 25.9% | 50.4 | 50.4 | 0.0 | -0.1% | 25.9% | 52.3 | 52.2 | -0.1 | -0.2% | 25.9% | 53.1 | 53.0 | -0.1 | -0.1% | 25.9% | 53.1 | 53.1 | 0.1 | 0.1% |
| 27.2% | 50.4 | 50.4 | 0.0 | 0.0% | 27.2% | 52.2 | 52.1 | -0.1 | -0.2% | 27.2% | 53.1 | 53.0 | -0.1 | -0.2% | 27.2% | 53.0 | 52.8 | -0.3 | -0.5% |
| 28.4% | 50.4 | 50.4 | 0.0 | 0.0% | 28.4% | 52.2 | 52.1 | -0.1 | -0.1% | 28.4% | 53.0 | 52.9 | -0.1 | -0.2% | 28.4% | 52.9 | 52.7 | -0.2 | -0.4% |
| 29.6% | 50.3 | 50.3 | -0.1 | -0.2% | 29.6% | 52.1 | 52.1 | 0.0 | -0.1% | 29.6% | 52.9 | 52.8 | -0.2 | -0.3% | 29.6% | 52.7 | 52.6 | -0.1 | -0.2% |
| 30.9% | 50.3 | 50.2 | -0.1 | -0.2% | 30.9% | 52.1 | 52.0 | -0.1 | -0.1% | 30.9% | 52.8 | 52.7 | -0.2 | -0.3% | 30.9% | 52.7 | 52.5 | -0.2 | -0.3% |
| 32.1% | 50.2 | 50.1 | -0.1 | -0.2% | 32.1% | 52.0 | 52.0 | 0.0 | -0.1% | 32.1% | 52.8 | 52.7 | -0.2 | -0.3% | 32.1% | 52.7 | 52.4 | -0.3 | -0.5% |
| 33.3% | 50.1 | 50.1 | 0.0 | -0.1% | 33.3% | 52.0 | 52.0 | 0.0 | 0.0% | 33.3% | 52.7 | 52.6 | -0.1 | -0.2% | 33.3% | 52.5 | 52.4 | -0.2 | -0.3% |
| 34.6% | 50.1 | 50.0 | -0.1 | -0.2% | 34.6% | 51.9 | 52.0 | 0.0 | 0.0% | 34.6% | 52.7 | 52.6 | -0.2 | -0.3% | 34.6% | 52.5 | 52.3 | -0.2 | -0.3% |
| 35.8% | 50.0 | 50.0 | 0.0 | 0.0% | 35.8% | 51.8 | 51.9 | 0.0 | 0.1% | 35.8% | 52.7 | 52.6 | -0.1 | -0.3% | 35.8% | 52.4 | 52.3 | -0.1 | -0.2% |
| 37.0% | 49.9 | 50.0 | 0.0 | 0.0% | 37.0% | 51.8 | 51.8 | 0.0 | 0.1% | 37.0% | 52.6 | 52.5 | -0.1 | -0.2% | 37.0% | 52.4 | 52.2 | -0.1 | -0.3% |
| 38.3% | 49.9 | 49.9 | -0.1 | -0.1% | 38.3% | 51.8 | 51.7 | 0.0 | 0.0% | 38.3% | 52.6 | 52.5 | -0.1 | -0.2% | 38.3% | 52.4 | 52.2 | -0.2 | -0.4% |
| 39.5% | 49.9 | 49.9 | 0.0 | 0.0% | 39.5% | 51.7 | 51.7 | -0.1 | -0.1% | 39.5% | 52.6 | 52.5 | -0.1 | -0.2% | 39.5% | 52.3 | 52.1 | -0.2 | -0.3% |
| 40.7% | 49.9 | 49.9 | 0.0 | 0.0% | 40.7% | 51.7 | 51.6 | 0.0 | -0.1% | 40.7% | 52.6 | 52.5 | -0.1 | -0.2% | 40.7% | 52.2 | 51.9 | -0.3 | -0.5% |
| 42.0% | 49.9 | 49.8 | -0.1 | -0.1% | 42.0% | 51.6 | 51.6 | 0.0 | -0.1% | 42.0% | 52.5 | 52.4 | -0.1 | -0.2% | 42.0% | 52.2 | 51.9 | -0.3 | -0.5% |
| 43.2% | 49.8 | 49.8 | 0.0 | 0.0% | 43.2% | 51.6 | 51.6 | 0.0 | 0.0% | 43.2% | 52.5 | 52.3 | -0.1 | -0.3% | 43.2% | 52.1 | 51.9 | -0.3 | -0.5% |
| 44.4% | 49.8 | 49.8 | 0.0 | 0.0% | 44.4% | 51.6 | 51.6 | 0.0 | 0.0% | 44.4% | 52.5 | 52.3 | -0.2 | -0.3% | 44.4% | 52.1 | 51.9 | -0.3 | -0.5% |
| 45.7% | 49.8 | 49.7 | 0.0 | 0.0% | 45.7% | 51.6 | 51.6 | 0.0 | 0.0% | 45.7% | 52.4 | 52.2 | -0.2 | -0.4% | 45.7% | 52.1 | 51.8 | -0.3 | -0.6% |
| 46.9% | 49.7 | 49.7 | 0.0 | 0.0% | 46.9% | 51.5 | 51.6 | 0.0 | 0.1% | 46.9% | 52.3 | 52.2 | -0.1 | -0.2% | 46.9% | 52.1 | 51.8 | -0.3 | -0.5% |
| 48.1% | 49.7 | 49.7 | 0.0 | 0.0% | 48.1% | 51.5 | 51.5 | 0.0 | 0.0% | 48.1% | 52.3 | 52.1 | -0.2 | -0.4% | 48.1% | 51.9 | 51.8 | -0.2 | -0.3% |
| 49.4% | 49.7 | 49.7 | 0.0 | 0.0% | 49.4% | 51.5 | 51.5 | 0.0 | 0.0% | 49.4% | 52.3 | 52.1 | -0.2 | -0.4% | 49.4% | 51.9 | 51.8 | -0.1 | -0.2% |
| 50.6% | 49.7 | 49.7 | 0.0 | 0.0% | 50.6% | 51.5 | 51.5 | 0.0 | 0.0% | 50.6% | 52.2 | 52.0 | -0.2 | -0.4% | 50.6% | 51.8 | 51.7 | -0.1 | -0.1% |
| 51.9% | 49.7 | 49.6 | 0.0 | -0.1% | 51.9% | 51.5 | 51.5 | 0.0 | 0.0% | 51.9% | 52.2 | 52.0 | -0.2 | -0.4% | 51.9% | 51.8 | 51.7 | -0.1 | -0.2% |
| 53.1% | 49.7 | 49.6 | 0.0 | 0.0% | 53.1% | 51.5 | 51.5 | 0.0 | 0.0% | 53.1% | 52.2 | 52.0 | -0.2 | -0.5% | 53.1% | 51.7 | 51.6 | -0.2 | -0.4% |
| 54.3% | 49.6 | 49.5 | -0.1 | -0.3% | 54.3% | 51.4 | 51.5 | 0.0 | 0.0% | 54.3% | 52.0 | 52.0 | -0.1 | -0.1% | 54.3% | 51.7 | 51.5 | -0.2 | -0.4% |
| 55.6% | 49.5 | 49.5 | -0.1 | -0.1% | 55.6% | 51.4 | 51.4 | 0.0 | 0.0% | 55.6% | 52.0 | 51.9 | -0.1 | -0.1% | 55.6% | 51.7 | 51.5 | -0.2 | -0.3% |
| 56.8% | 49.5 | 49.5 | 0.0 | -0.1% | 56.8% | 51.4 | 51.4 | 0.0 | 0.0% | 56.8% | 52.0 | 51.9 | -0.1 | -0.2% | 56.8% | 51.6 | 51.4 | -0.3 | -0.5% |
| 58.0% | 49.5 | 49.4 | -0.1 | -0.2% | 58.0% | 51.4 | 51.3 | -0.1 | -0.3% | 58.0% | 52.0 | 51.8 | -0.1 | -0.2% | 58.0% | 51.5 | 51.4 | -0.1 | -0.3% |
| 59.3% | 49.5 | 49.4 | -0.1 | -0.3% | 59.3% | 51.4 | 51.3 | -0.1 | -0.3% | 59.3% | 51.9 | 51.8 | -0.2 | -0.4% | 59.3% | 51.5 | 51.3 | -0.2 | -0.4% |
| 60.5% | 49.5 | 49.3 | -0.1 | -0.2% | 60.5% | 51.4 | 51.2 | -0.1 | -0.3% | 60.5% | 51.9 | 51.7 | -0.1 | -0.2% | 60.5% | 51.4 | 51.3 | -0.2 | -0.3% |
| 61.7% | 49.4 | 49.3 | -0.1 | -0.2% | 61.7% | 51.3 | 51.2 | -0.1 | -0.2% | 61.7% | 51.9 | 51.7 | -0.1 | -0.2% | 61.7% | 51.3 | 51.2 | -0.1 | -0.1% |
| 63.0% | 49.4 | 49.3 | -0.1 | -0.2% | 63.0% | 51.3 | 51.2 | -0.1 | -0.2% | 63.0% | 51.8 | 51.7 | 0.0 | -0.1% | 63.0% | 51.3 | 51.2 | -0.1 | -0.1% |
| 64.2% | 49.4 | 49.3 | -0.1 | -0.2% | 64.2% | 51.3 | 51.2 | -0.1 | -0.2% | 64.2% | 51.8 | 51.7 | -0.1 | -0.1% | 64.2% | 51.2 | 51.1 | -0.1 | -0.2% |
| 65.4% | 49.3 | 49.3 | 0.0 | 0.0% | 65.4% | 51.3 | 51.1 | -0.1 | -0.2% | 65.4% | 51.7 | 51.6 | -0.1 | -0.2% | 65.4% | 51.2 | 51.1 | 0.0 | -0.1% |
| 66.7% | 49.3 | 49.2 | 0.0 | 0.0% | 66.7% | 51.2 | 51.1 | -0.1 | -0.2% | 66.7% | 51.7 | 51.6 | -0.2 | -0.3% | 66.7% | 51.2 | 51.1 | 0.0 | -0.1% |
| 67.9% | 49.2 | 49.2 | 0.0 | 0.0% | 67.9% | 51.1 | 51.0 | -0.1 | -0.3% | 67.9% | 51.7 | 51.6 | -0.2 | -0.3% | 67.9% | 51.1 | 51.1 | 0.0 | 0.0% |
| 69.1% | 49.2 | 49.1 | -0.1 | -0.2% | 69.1% | 51.1 | 51.0 | -0.1 | -0.3% | 69.1% | 51.7 | 51.5 | -0.1 | -0.2% | 69.1% | 51.1 | 51.0 | -0.1 | -0.2% |
| 70.4% | 49.2 | 49.1 | -0.1 | -0.2% | 70.4% | 51.1 | 50.9 | -0.2 | -0.4% | 70.4% | 51.6 | 51.5 | -0.1 | -0.3% | 70.4% | 51.0 | 51.0 | -0.1 | -0.2% |
| 71.6% | 49.1 | 49.1 | 0.0 | -0.1% | 71.6% | 50.9 | 50.9 | 0.0 | 0.0% | 71.6% | 51.5 | 51.5 | -0.1 | -0.1% | 71.6% | 51.0 | 50.9 | -0.1 | -0.1% |
| 72.8% | 49.1 | 49.1 | 0.0 | -0.1% | 72.8% | 50.9 | 50.9 | -0.1 | -0.1% | 72.8% | 51.5 | 51.4 | -0.1 | -0.2% | 72.8% | 50.9 | 50.8 | -0.1 | -0.2% |
| 74.1% | 49.1 | 49.0 | 0.0 | 0.0% | 74.1% | 50.9 | 50.8 | 0.0 | -0.1% | 74.1% | 51.5 | 51.3 | -0.2 | -0.4% | 74.1% | 50.9 | 50.8 | -0.1 | -0.2% |
| 75.3% | 49.0 | 49.0 | 0.0 | 0.0% | 75.3% | 50.9 | 50.8 | 0.0 | -0.1% | 75.3% | 51.5 | 51.3 | -0.2 | -0.4% | 75.3% | 50.9 | 50.8 | -0.1 | -0.2% |
| 76.5% | 49.0 | 48.8 | -0.2 | -0.3% | 76.5% | 50.9 | 50.8 | 0.0 | -0.1% | 76.5% | 51.4 | 51.3 | -0.2 | -0.3% | 76.5% | 50.9 | 50.8 | -0.1 | -0.2% |
| 77.8% | 48.8 | 48.7 | -0.1 | -0.3% | 77.8% | 50.9 | 50.8 | -0.1 | -0.1% | 77.8% | 51.4 | 51.2 | -0.2 | -0.4% | 77.8% | 50.8 | 50.7 | -0.2 | -0.3% |
| 79.0% | 48.7 | 48.7 | 0.0 | 0.0% | 79.0% | 50.8 | 50.6 | -0.2 | -0.4% | 79.0% | 51.4 | 51.2 | -0.2 | -0.4% | 79.0% | 50.7 | 50.7 | -0.1 | -0.2% |
| 80.2% | 48.7 | 48.7 | 0.0 | 0.0% | 80.2% | 50.8 | 50.5 | -0.3 | -0.7% | 80.2% | 51.4 | 51.2 | -0.2 | -0.4% | 80.2% | 50.7 | 50.6 | -0.1 | -0.1% |
| 81.5% | 48.7 | 48.6 | 0.0 | 0.0% | 81.5% | 50.7 | 50.4 | -0.2 | -0.5% | 81.5% | 51.4 | 51.1 | -0.2 | -0.4% | 81.5% | 50.7 | 50.5 | -0.2 | -0.3% |
| 82.7% | 48.6 | 48.6 | 0.0 | 0.0% | 82.7% | 50.5 | 50.4 | 0.0 | -0.1% | 82.7% | 51.3 | 51.1 | -0.2 | -0.3% | 82.7% | 50.6 | 50.5 | -0.1 | -0.3% |
| 84.0% | 48.6 | 48.6 | 0.1 | 0.1% | 84.0% | 50.5 | 50.4 | -0.1 | -0.1% | 84.0% | 51.3 | 51.0 | -0.3 | -0.6% | 84.0% | 50.6 | 50.5 | -0.1 | -0.2% |
| 85.2% | 48.5 | 48.5 | 0.0 | 0.0% | 85.2% | 50.4 | 50.3 | -0.1 | -0.2% | 85.2% | 51.3 | 50.8 | -0.4 | -0.8% | 85.2% | 50.5 | 50.4 | -0.2 | -0.4% |
| 86.4% | 48.5 | 48.5 | -0.1 | -0.1% | 86.4% | 50.4 | 50.3 | -0.1 | -0.2% | 86.4% | 51.2 | 50.8 | -0.4 | -0.8% | 86.4% | 50.5 | 50.2 | -0.3 | -0.5% |
| 87.7% | 48.4 | 48.4 | 0.0 | -0.1% | 87.7% | 50.3 | 50.3 | 0.0 | 0.0% | 87.7% | 51.2 | 50.8 | -0.4 | -0.7% | 87.7% | 50.5 | 50.2 | -0.3 | -0.5% |
| 88.9% | 48.4 | 48.3 | -0.1 | -0.3% | 88.9% | 50.2 | 50.2 | 0.0 | 0.0% | 88.9% | 51.1 | 50.7 | -0.4 | -0.7% | 88.9% | 50.5 | 50.2 | -0.3 | -0.5% |
| 90.1% | 48.4 | 48.3 | -0.1 | -0.3% | 90.1% | 50.2 | 50.2 | 0.0 | -0.1% | 90.1% | 51.1 | 50.7 | -0.4 | -0.8% | 90.1% | 50.3 | 50.2 | -0.1 | -0.3% |
| 91.4% | 48.3 | 48.2 | -0.1 | -0.2% | 91.4% | 50.2 | 50.0 | -0.2 | -0.4% | 91.4% | 51.1 | 50.7 | -0.4 | -0.8% | 91.4% | 50.2 | 50.2 | 0.0 | -0.1% |
| 92.6% | 48.1 | 48.1 | 0.0 | -0.1% | 92.6% | 50.2 | 50.0 | -0.2 | -0.5% | 92.6% | 51.1 | 50.7 | -0.4 | -0.8% | 92.6% | 50.2 | 50.2 | 0.0 | 0.0% |
| 93.8% | 48.1 | 48.0 | -0.1 | -0.2% | 93.8% | 50.0 | 49.7 | -0.3 | -0.6% | 93.8% | 51.0 | 50.6 | -0.4 | -0.9% | 93.8% | 50.1 | 49.8 | -0.3 | -0.6% |
| 95.1% | 47.9 | 47.9 | 0.0 | 0.0% | 95.1% | 49.8 | 49.7 | -0.1 | -0.2% | 95.1% | 50.8 | 50.6 | -0.3 | -0.6% | 95.1% | 50.0 | 49.8 | -0.2 | -0.3% |
| 96.3% | 47.9 | 47.9 | -0.1 | -0.1% | 96.3% | 49.7 | 49.6 | 0.0 | -0.1% | 96.3% | 50.8 | 50.5 | -0.2 | -0.5% | 96.3% | 49.9 | 49.7 | -0.2 | -0.3% |
| 97.5% | 47.8 | 47.8 | 0.0 | 0.0% | 97.5% | 49.6 | 49.6 | 0.0 | 0.0% | 97.5% | 50.7 | 50.3 | -0.4 | -0.8% | 97.5% | 49.8 | 49.7 | -0.1 | -0.2% |
| 98.8% | 47.8 | 47.7 | -0.1 | -0.2% | 98.8% | 49.6 | 49.5 | 0.0 | -0.1% | 98.8% | 50.1 | 50.0 | -0.2 | -0.3% | 98.8% | 49.6 | 49.6 | 0.0 | 0.1% |
| 100.0% | 47.8 | 47.7 | -0.1 | -0.2% | 100.0% | 49.6 | 49.5 | 0.0 | -0.1% | 100.0% | 50.1 | 50.0 | -0.2 | -0.3% | 100.0% | 49.6 | 49.6 | 0.0 | 0.1% |

# Table SQ13-1b

**Clear Creek below Whiskeytown, Monthly Temperature**

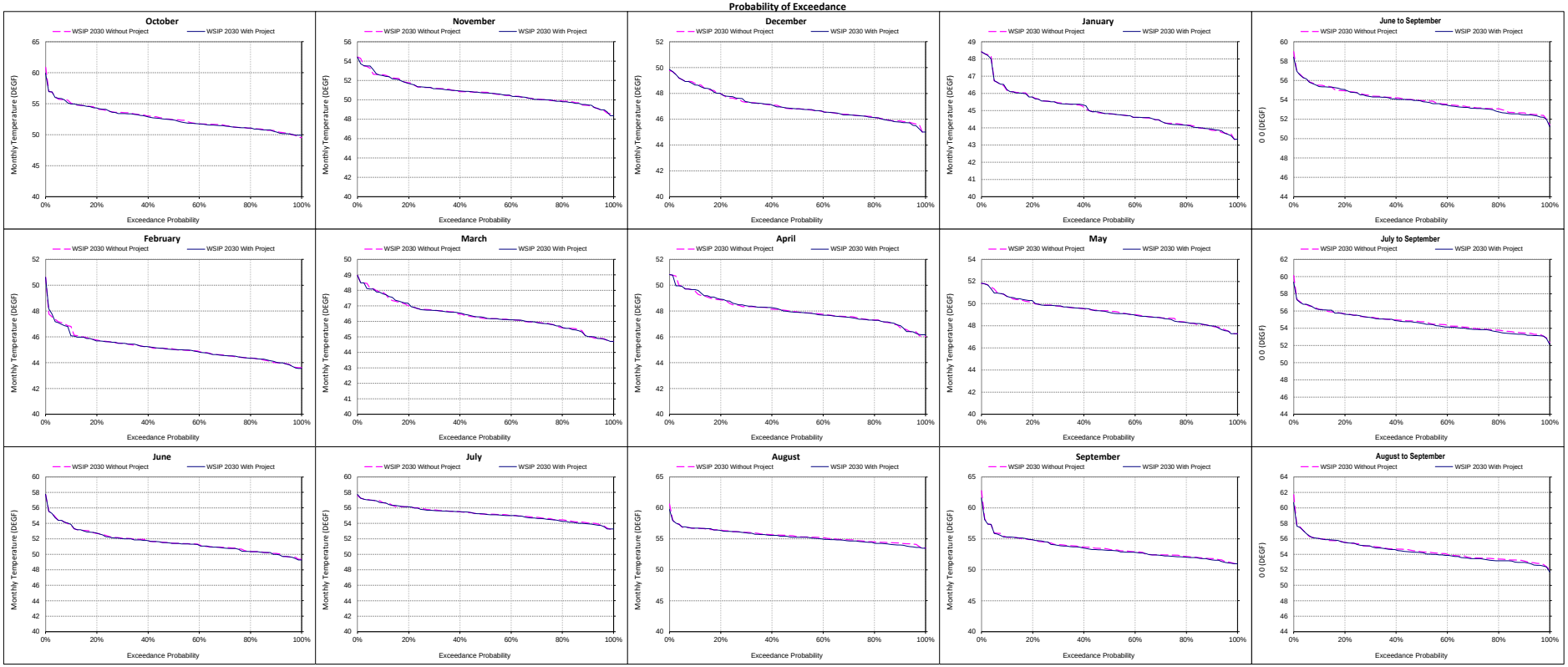
**Probability of Exceedance**

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 55.9 | 55.2 | -0.6 | -1.2% |
| 1.2% | 54.3 | 54.4 | 0.1 | 0.2% |
| 2.5% | 53.6 | 53.6 | 0.0 | 0.0% |
| 3.7% | 53.5 | 53.5 | -0.1 | -0.1% |
| 4.9% | 53.4 | 53.3 | 0.0 | -0.1% |
| 6.2% | 53.2 | 53.2 | 0.0 | 0.0% |
| 7.4% | 53.1 | 53.1 | -0.1 | -0.1% |
| 8.6% | 53.1 | 53.0 | -0.1 | -0.2% |
| 9.9% | 53.0 | 52.9 | 0.0 | -0.1% |
| 11.1% | 52.9 | 52.9 | 0.0 | 0.1% |
| 12.3% | 52.8 | 52.9 | 0.1 | 0.3% |
| 13.6% | 52.7 | 52.8 | 0.2 | 0.3% |
| 14.8% | 52.6 | 52.8 | 0.1 | 0.3% |
| 16.0% | 52.6 | 52.8 | 0.2 | 0.3% |
| 17.3% | 52.5 | 52.7 | 0.2 | 0.3% |
| 18.5% | 52.5 | 52.5 | 0.0 | -0.1% |
| 19.8% | 52.5 | 52.4 | -0.1 | -0.1% |
| 21.0% | 52.5 | 52.4 | -0.1 | -0.2% |
| 22.2% | 52.4 | 52.3 | -0.1 | -0.1% |
| 23.5% | 52.3 | 52.2 | -0.1 | -0.1% |
| 24.7% | 52.2 | 52.2 | 0.0 | -0.1% |
| 25.9% | 52.1 | 52.1 | 0.0 | -0.1% |
| 27.2% | 52.1 | 52.0 | -0.1 | -0.2% |
| 28.4% | 52.0 | 51.9 | -0.1 | -0.2% |
| 29.6% | 52.0 | 51.9 | -0.1 | -0.1% |
| 30.9% | 51.9 | 51.9 | -0.1 | -0.2% |
| 32.1% | 51.9 | 51.8 | -0.1 | -0.3% |
| 33.3% | 51.9 | 51.8 | -0.2 | -0.3% |
| 34.6% | 51.8 | 51.7 | -0.1 | -0.2% |
| 35.8% | 51.8 | 51.7 | -0.1 | -0.2% |
| 37.0% | 51.8 | 51.7 | -0.1 | -0.3% |
| 38.3% | 51.7 | 51.6 | 0.0 | -0.1% |
| 39.5% | 51.6 | 51.5 | 0.0 | -0.1% |
| 40.7% | 51.6 | 51.5 | -0.1 | -0.1% |
| 42.0% | 51.6 | 51.5 | -0.1 | -0.2% |
| 43.2% | 51.6 | 51.5 | -0.1 | -0.1% |
| 44.4% | 51.5 | 51.5 | 0.0 | -0.1% |
| 45.7% | 51.5 | 51.4 | -0.1 | -0.2% |
| 46.9% | 51.5 | 51.3 | -0.1 | -0.2% |
| 48.1% | 51.4 | 51.3 | -0.1 | -0.2% |
| 49.4% | 51.4 | 51.3 | -0.1 | -0.3% |
| 50.6% | 51.3 | 51.3 | 0.0 | -0.1% |
| 51.9% | 51.3 | 51.3 | 0.0 | -0.1% |
| 53.1% | 51.3 | 51.2 | -0.1 | -0.2% |
| 54.3% | 51.3 | 51.1 | -0.2 | -0.3% |
| 55.6% | 51.2 | 51.1 | -0.2 | -0.3% |
| 56.8% | 51.2 | 51.1 | -0.1 | -0.3% |
| 58.0% | 51.1 | 51.0 | -0.1 | -0.2% |
| 59.3% | 51.1 | 51.0 | -0.1 | -0.2% |
| 60.5% | 51.0 | 50.9 | -0.1 | -0.3% |
| 61.7% | 51.0 | 50.9 | -0.1 | -0.2% |
| 63.0% | 51.0 | 50.8 | -0.2 | -0.3% |
| 64.2% | 50.9 | 50.8 | -0.1 | -0.3% |
| 65.4% | 50.9 | 50.7 | -0.2 | -0.4% |
| 66.7% | 50.8 | 50.7 | -0.1 | -0.1% |
| 67.9% | 50.7 | 50.7 | 0.0 | 0.0% |
| 69.1% | 50.7 | 50.6 | -0.1 | -0.1% |
| 70.4% | 50.7 | 50.6 | -0.1 | -0.1% |
| 71.6% | 50.7 | 50.6 | -0.1 | -0.1% |
| 72.8% | 50.6 | 50.6 | 0.0 | -0.1% |
| 74.1% | 50.6 | 50.6 | -0.1 | -0.1% |
| 75.3% | 50.6 | 50.5 | -0.1 | -0.2% |
| 76.5% | 50.6 | 50.5 | -0.1 | -0.2% |
| 77.8% | 50.6 | 50.4 | -0.2 | -0.4% |
| 79.0% | 50.6 | 50.3 | -0.3 | -0.5% |
| 80.2% | 50.6 | 50.3 | -0.3 | -0.5% |
| 81.5% | 50.5 | 50.3 | -0.3 | -0.5% |
| 82.7% | 50.4 | 50.1 | -0.3 | -0.5% |
| 84.0% | 50.2 | 50.1 | -0.1 | -0.3% |
| 85.2% | 50.2 | 50.1 | -0.2 | -0.3% |
| 86.4% | 50.1 | 50.0 | -0.1 | -0.3% |
| 87.7% | 50.1 | 50.0 | -0.1 | -0.2% |
| 88.9% | 50.1 | 50.0 | -0.1 | -0.1% |
| 90.1% | 50.0 | 49.9 | -0.2 | -0.3% |
| 91.4% | 50.0 | 49.8 | -0.2 | -0.4% |
| 92.6% | 50.0 | 49.8 | -0.2 | -0.4% |
| 93.8% | 50.0 | 49.8 | -0.2 | -0.4% |
| 95.1% | 49.9 | 49.7 | -0.2 | -0.4% |
| 96.3% | 49.8 | 49.7 | -0.1 | -0.2% |
| 97.5% | 49.7 | 49.6 | -0.1 | -0.3% |
| 98.8% | 49.5 | 49.4 | 0.0 | 0.0% |
| 100.0% | 48.9 | 48.7 | -0.2 | -0.4% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 57.1 | 56.3 | -0.9 | -1.5% |
| 1.2% | 54.5 | 54.5 | 0.0 | -0.1% |
| 2.5% | 54.0 | 54.2 | 0.1 | 0.2% |
| 3.7% | 54.0 | 54.0 | 0.0 | 0.0% |
| 4.9% | 54.0 | 53.9 | 0.0 | -0.1% |
| 6.2% | 54.0 | 53.9 | 0.0 | -0.1% |
| 7.4% | 53.8 | 53.6 | -0.1 | -0.2% |
| 8.6% | 53.7 | 53.6 | -0.1 | -0.1% |
| 9.9% | 53.5 | 53.6 | 0.1 | 0.1% |
| 11.1% | 53.5 | 53.5 | 0.0 | 0.1% |
| 12.3% | 53.4 | 53.5 | 0.1 | 0.2% |
| 13.6% | 53.3 | 53.5 | 0.2 | 0.4% |
| 14.8% | 53.2 | 53.4 | 0.2 | 0.3% |
| 16.0% | 53.2 | 53.2 | 0.0 | 0.0% |
| 17.3% | 53.1 | 53.0 | -0.1 | -0.1% |
| 18.5% | 53.1 | 53.0 | -0.1 | -0.1% |
| 19.8% | 53.1 | 52.9 | -0.1 | -0.2% |
| 21.0% | 53.0 | 52.9 | -0.1 | -0.1% |
| 22.2% | 53.0 | 52.9 | -0.1 | -0.1% |
| 23.5% | 52.9 | 52.9 | 0.0 | -0.1% |
| 24.7% | 52.8 | 52.8 | 0.0 | 0.1% |
| 25.9% | 52.8 | 52.8 | 0.0 | 0.0% |
| 27.2% | 52.7 | 52.7 | 0.0 | -0.1% |
| 28.4% | 52.7 | 52.7 | 0.0 | 0.0% |
| 29.6% | 52.6 | 52.6 | 0.0 | 0.1% |
| 30.9% | 52.5 | 52.5 | -0.1 | -0.1% |
| 32.1% | 52.5 | 52.5 | -0.1 | -0.1% |
| 33.3% | 52.5 | 52.4 | -0.1 | -0.1% |
| 34.6% | 52.5 | 52.3 | -0.2 | -0.3% |
| 35.8% | 52.4 | 52.3 | -0.1 | -0.2% |
| 37.0% | 52.3 | 52.1 | -0.2 | -0.3% |
| 38.3% | 52.2 | 52.1 | -0.1 | -0.1% |
| 39.5% | 52.2 | 52.1 | 0.0 | -0.1% |
| 40.7% | 52.1 | 52.1 | 0.0 | 0.0% |
| 42.0% | 52.1 | 52.1 | 0.0 | 0.0% |
| 43.2% | 52.1 | 52.1 | 0.0 | 0.0% |
| 44.4% | 52.1 | 52.0 | -0.1 | -0.2% |
| 45.7% | 52.0 | 51.8 | -0.2 | -0.4% |
| 46.9% | 52.0 | 51.8 | -0.2 | -0.4% |
| 48.1% | 52.0 | 51.8 | -0.2 | -0.3% |
| 49.4% | 52.0 | 51.8 | -0.2 | -0.3% |
| 50.6% | 52.0 | 51.8 | -0.2 | -0.4% |
| 51.9% | 51.9 | 51.7 | -0.3 | -0.6% |
| 53.1% | 51.9 | 51.6 | -0.3 | -0.5% |
| 54.3% | 51.8 | 51.5 | -0.2 | -0.5% |
| 55.6% | 51.8 | 51.5 | -0.3 | -0.5% |
| 56.8% | 51.7 | 51.5 | -0.2 | -0.4% |
| 58.0% | 51.6 | 51.5 | -0.1 | -0.2% |
| 59.3% | 51.5 | 51.5 | -0.1 | -0.1% |
| 60.5% | 51.5 | 51.5 | -0.1 | -0.1% |
| 61.7% | 51.5 | 51.4 | -0.1 | -0.1% |
| 63.0% | 51.5 | 51.4 | -0.1 | -0.1% |
| 64.2% | 51.4 | 51.3 | -0.1 | -0.3% |
| 65.4% | 51.4 | 51.3 | -0.1 | -0.3% |
| 66.7% | 51.4 | 51.2 | -0.1 | -0.3% |
| 67.9% | 51.3 | 51.2 | -0.1 | -0.2% |
| 69.1% | 51.3 | 51.2 | -0.1 | -0.2% |
| 70.4% | 51.3 | 51.2 | -0.1 | -0.2% |
| 71.6% | 51.2 | 51.1 | -0.2 | -0.3% |
| 72.8% | 51.2 | 51.1 | -0.1 | -0.2% |
| 74.1% | 51.1 | 51.0 | -0.1 | -0.2% |
| 75.3% | 51.1 | 51.0 | -0.2 | -0.3% |
| 76.5% | 51.1 | 50.9 | -0.2 | -0.5% |
| 77.8% | 51.1 | 50.8 | -0.3 | -0.5% |
| 79.0% | 50.9 | 50.8 | -0.2 | -0.4% |
| 80.2% | 50.9 | 50.8 | -0.2 | -0.3% |
| 81.5% | 50.9 | 50.7 | -0.2 | -0.3% |
| 82.7% | 50.8 | 50.7 | -0.2 | -0.3% |
| 84.0% | 50.8 | 50.5 | -0.3 | -0.5% |
| 85.2% | 50.8 | 50.5 | -0.2 | -0.5% |
| 86.4% | 50.8 | 50.5 | -0.2 | -0.5% |
| 87.7% | 50.7 | 50.5 | -0.3 | -0.5% |
| 88.9% | 50.7 | 50.4 | -0.3 | -0.6% |
| 90.1% | 50.7 | 50.4 | -0.2 | -0.5% |
| 91.4% | 50.6 | 50.3 | -0.3 | -0.5% |
| 92.6% | 50.5 | 50.3 | -0.2 | -0.3% |
| 93.8% | 50.4 | 50.3 | -0.1 | -0.3% |
| 95.1% | 50.4 | 50.3 | -0.1 | -0.3% |
| 96.3% | 50.3 | 50.3 | 0.0 | -0.1% |
| 97.5% | 50.3 | 50.2 | -0.1 | -0.2% |
| 98.8% | 50.0 | 50.0 | -0.1 | -0.1% |
| 100.0% | 49.5 | 49.2 | -0.3 | -0.6% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 59.1 | 57.9 | -1.2 | -2.0% |
| 1.2% | 55.4 | 55.4 | 0.0 | -0.1% |
| 2.5% | 54.8 | 54.8 | 0.0 | 0.0% |
| 3.7% | 54.6 | 54.5 | -0.1 | -0.2% |
| 4.9% | 54.3 | 54.4 | 0.1 | 0.1% |
| 6.2% | 54.3 | 54.3 | 0.1 | 0.2% |
| 7.4% | 54.0 | 54.0 | 0.0 | 0.0% |
| 8.6% | 53.9 | 53.9 | 0.0 | 0.0% |
| 9.9% | 53.9 | 53.8 | -0.1 | -0.1% |
| 11.1% | 53.8 | 53.8 | -0.1 | -0.1% |
| 12.3% | 53.7 | 53.8 | 0.1 | 0.1% |
| 13.6% | 53.6 | 53.8 | 0.1 | 0.2% |
| 14.8% | 53.6 | 53.7 | 0.1 | 0.2% |
| 16.0% | 53.6 | 53.6 | 0.1 | 0.1% |
| 17.3% | 53.6 | 53.6 | 0.0 | 0.0% |
| 18.5% | 53.5 | 53.4 | -0.1 | -0.2% |
| 19.8% | 53.4 | 53.4 | 0.0 | 0.0% |
| 21.0% | 53.4 | 53.4 | 0.0 | 0.0% |
| 22.2% | 53.3 | 53.3 | 0.0 | 0.0% |
| 23.5% | 53.2 | 53.2 | 0.0 | 0.0% |
| 24.7% | 53.2 | 53.2 | -0.1 | -0.1% |
| 25.9% | 53.1 | 53.0 | -0.1 | -0.3% |
| 27.2% | 53.0 | 53.0 | 0.0 | 0.0% |
| 28.4% | 52.9 | 52.9 | 0.1 | 0.1% |
| 29.6% | 52.9 | 52.8 | -0.1 | -0.2% |
| 30.9% | 52.7 | 52.6 | -0.1 | -0.2% |
| 32.1% | 52.7 | 52.6 | -0.1 | -0.1% |
| 33.3% | 52.6 | 52.6 | -0.1 | -0.1% |
| 34.6% | 52.6 | 52.5 | -0.1 | -0.1% |
| 35.8% | 52.5 | 52.4 | -0.1 | -0.2% |
| 37.0% | 52.5 | 52.4 | -0.1 | -0.2% |
| 38.3% | 52.5 | 52.3 | -0.2 | -0.3% |
| 39.5% | 52.4 | 52.2 | -0.2 | -0.4% |
| 40.7% | 52.3 | 52.2 | -0.2 | -0.3% |
| 42.0% | 52.3 | 52.1 | -0.2 | -0.4% |
| 43.2% | 52.3 | 52.1 | -0.2 | -0.4% |
| 44.4% | 52.2 | 52.1 | -0.1 | -0.2% |
| 45.7% | 52.2 | 52.0 | -0.2 | -0.3% |
| 46.9% | 52.2 | 52.0 | -0.2 | -0.4% |
| 48.1% | 52.2 | 51.9 | -0.3 | -0.5% |
| 49.4% | 52.1 | 51.9 | -0.2 | -0.3% |
| 50.6% | 52.0 | 51.9 | -0.1 | -0.2% |
| 51.9% | 52.0 | 51.9 | -0.1 | -0.2% |
| 53.1% | 52.0 | 51.8 | -0.2 | -0.3% |
| 54.3% | 51.9 | 51.7 | -0.2 | -0.4% |
| 55.6% | 51.9 | 51.7 | -0.2 | -0.4% |
| 56.8% | 51.8 | 51.6 | -0.2 | -0.4% |
| 58.0% | 51.8 | 51.6 | -0.2 | -0.4% |
| 59.3% | 51.7 | 51.5 | -0.2 | -0.4% |
| 60.5% | 51.6 | 51.5 | -0.2 | -0.3% |
| 61.7% | 51.6 | 51.4 | -0.2 | -0.3% |
| 63.0% | 51.6 | 51.4 | -0.2 | -0.3% |
| 64.2% | 51.6 | 51.4 | -0.2 | -0.3% |
| 65.4% | 51.5 | 51.4 | -0.1 | -0.2% |
| 66.7% | 51.4 | 51.3 | -0.1 | -0.1% |
| 67.9% | 51.4 | 51.3 | -0.1 | -0.2% |
| 69.1% | 51.3 | 51.3 | -0.1 | -0.1% |
| 70.4% | 51.3 | 51.1 | -0.2 | -0.4% |
| 71.6% | 51.3 | 51.1 | -0.2 | -0.3% |
| 72.8% | 51.3 | 51.1 | -0.2 | -0.4% |
| 74.1% | 51.2 | 51.1 | -0.2 | -0.4% |
| 75.3% | 51.2 | 51.0 | -0.2 | -0.4% |
| 76.5% | 51.2 | 51.0 | -0.2 | -0.4% |
| 77.8% | 51.2 | 50.9 | -0.2 | -0.5% |
| 79.0% | 51.1 | 50.9 | -0.2 | -0.4% |
| 80.2% | 51.1 | 50.8 | -0.3 | -0.6% |
| 81.5% | 51.0 | 50.8 | -0.2 | -0.4% |
| 82.7% | 51.0 | 50.7 | -0.2 | -0.5% |
| 84.0% | 51.0 | 50.7 | -0.2 | -0.5% |
| 85.2% | 50.9 | 50.7 | -0.2 | -0.3% |
| 86.4% | 50.8 | 50.7 | -0.2 | -0.3% |
| 87.7% | 50.8 | 50.7 | -0.2 | -0.3% |
| 88.9% | 50.8 | 50.6 | -0.2 | -0.5% |
| 90.1% | 50.8 | 50.5 | -0.3 | -0.5% |
| 91.4% | 50.7 | 50.5 | -0.2 | -0.5% |
| 92.6% | 50.6 | 50.4 | -0.2 | -0.3% |
| 93.8% | 50.6 | 50.3 | -0.3 | -0.5% |
| 95.1% | 50.5 | 50.2 | -0.2 | -0.4% |
| 96.3% | 50.4 | 50.2 | -0.2 | -0.4% |
| 97.5% | 50.3 | 50.1 | -0.1 | -0.2% |
| 98.8% | 50.2 | 50.1 | -0.1 | -0.2% |
| 100.0% | 49.7 | 49.4 | -0.3 | -0.5% |

**Figure SQ14-1b**
**Clear Creek at Igo, Monthly Temperature**
**Probability of Exceedance**



## Table SQ14-1b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

| October | | | | | November | | | | | December | | | | | January | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 60.9 | 59.9 | -1.0 | -1.6% | 0.0% | 54.4 | 54.4 | 0.0 | 0.0% | 0.0% | 49.8 | 49.9 | 0.1 | 0.2% | 0.0% | 48.4 | 48.4 | 0.0 | 0.0% |
| 1.2% | 57.0 | 57.0 | 0.0 | 0.0% | 1.2% | 54.3 | 53.7 | -0.5 | -1.0% | 1.2% | 49.7 | 49.7 | 0.0 | 0.0% | 1.2% | 48.3 | 48.3 | 0.0 | 0.0% |
| 2.5% | 56.9 | 56.9 | 0.0 | 0.0% | 2.5% | 53.5 | 53.5 | 0.0 | 0.0% | 2.5% | 49.5 | 49.5 | 0.0 | 0.0% | 2.5% | 48.3 | 48.2 | -0.1 | -0.1% |
| 3.7% | 56.2 | 56.0 | -0.2 | -0.3% | 3.7% | 53.4 | 53.5 | 0.1 | 0.1% | 3.7% | 49.2 | 49.2 | 0.0 | 0.0% | 3.7% | 48.2 | 48.0 | -0.2 | -0.4% |
| 4.9% | 55.7 | 55.9 | 0.1 | 0.3% | 4.9% | 53.3 | 53.5 | 0.2 | 0.4% | 4.9% | 49.1 | 49.1 | 0.0 | 0.0% | 4.9% | 46.7 | 46.7 | 0.0 | 0.0% |
| 6.2% | 55.7 | 55.8 | 0.2 | 0.3% | 6.2% | 52.6 | 53.1 | 0.5 | 0.9% | 6.2% | 48.9 | 48.9 | 0.0 | 0.0% | 6.2% | 46.6 | 46.6 | 0.0 | 0.0% |
| 7.4% | 55.6 | 55.6 | 0.0 | 0.0% | 7.4% | 52.6 | 52.7 | 0.0 | 0.1% | 7.4% | 48.9 | 48.9 | 0.0 | 0.0% | 7.4% | 46.5 | 46.5 | 0.0 | 0.0% |
| 8.6% | 55.6 | 55.2 | -0.4 | -0.8% | 8.6% | 52.6 | 52.6 | -0.1 | -0.1% | 8.6% | 48.9 | 48.8 | -0.1 | -0.2% | 8.6% | 46.5 | 46.5 | 0.1 | 0.2% |
| 9.9% | 55.1 | 55.0 | -0.1 | -0.2% | 9.9% | 52.6 | 52.5 | -0.1 | -0.2% | 9.9% | 48.8 | 48.7 | -0.1 | -0.2% | 9.9% | 46.2 | 46.2 | 0.0 | 0.1% |
| 11.1% | 54.8 | 54.9 | 0.1 | 0.2% | 11.1% | 52.5 | 52.4 | -0.1 | -0.2% | 11.1% | 48.7 | 48.6 | -0.1 | -0.1% | 11.1% | 46.1 | 46.1 | 0.0 | 0.0% |
| 12.3% | 54.8 | 54.9 | 0.1 | 0.1% | 12.3% | 52.4 | 52.4 | 0.0 | 0.1% | 12.3% | 48.6 | 48.5 | -0.1 | -0.2% | 12.3% | 46.1 | 46.1 | 0.0 | 0.0% |
| 13.6% | 54.7 | 54.8 | 0.0 | 0.0% | 13.6% | 52.3 | 52.2 | -0.1 | -0.2% | 13.6% | 48.4 | 48.4 | 0.0 | 0.0% | 13.6% | 46.1 | 46.0 | 0.0 | -0.1% |
| 14.8% | 54.7 | 54.7 | 0.0 | 0.0% | 14.8% | 52.2 | 52.1 | -0.1 | -0.2% | 14.8% | 48.4 | 48.4 | 0.0 | 0.0% | 14.8% | 46.1 | 46.0 | 0.0 | -0.1% |
| 16.0% | 54.6 | 54.6 | -0.1 | -0.1% | 16.0% | 52.2 | 52.1 | -0.1 | -0.3% | 16.0% | 48.2 | 48.3 | 0.1 | 0.2% | 16.0% | 46.0 | 46.0 | 0.0 | 0.0% |
| 17.3% | 54.6 | 54.5 | 0.0 | 0.0% | 17.3% | 51.9 | 51.9 | 0.0 | 0.0% | 17.3% | 48.2 | 48.1 | -0.1 | -0.3% | 17.3% | 46.0 | 46.0 | 0.0 | -0.1% |
| 18.5% | 54.5 | 54.4 | -0.2 | -0.3% | 18.5% | 51.8 | 51.8 | 0.0 | 0.0% | 18.5% | 48.0 | 48.0 | 0.0 | 0.0% | 18.5% | 45.8 | 45.8 | 0.0 | 0.0% |
| 19.8% | 54.1 | 54.3 | 0.2 | 0.4% | 19.8% | 51.8 | 51.7 | -0.1 | -0.1% | 19.8% | 48.0 | 48.0 | 0.0 | 0.0% | 19.8% | 45.8 | 45.8 | 0.0 | 0.0% |
| 21.0% | 54.1 | 54.2 | 0.1 | 0.2% | 21.0% | 51.8 | 51.6 | -0.1 | -0.2% | 21.0% | 47.9 | 47.9 | 0.0 | 0.0% | 21.0% | 45.7 | 45.7 | 0.0 | -0.1% |
| 22.2% | 54.0 | 54.1 | 0.1 | 0.1% | 22.2% | 51.5 | 51.5 | 0.0 | 0.1% | 22.2% | 47.7 | 47.8 | 0.1 | 0.2% | 22.2% | 45.7 | 45.7 | 0.0 | 0.0% |
| 23.5% | 53.9 | 54.1 | 0.2 | 0.3% | 23.5% | 51.3 | 51.4 | 0.0 | 0.0% | 23.5% | 47.6 | 47.8 | 0.1 | 0.2% | 23.5% | 45.6 | 45.6 | 0.0 | -0.1% |
| 24.7% | 53.8 | 53.8 | 0.1 | 0.1% | 24.7% | 51.3 | 51.4 | 0.0 | 0.1% | 24.7% | 47.6 | 47.7 | 0.1 | 0.2% | 24.7% | 45.6 | 45.6 | 0.0 | 0.0% |
| 25.9% | 53.7 | 53.6 | -0.1 | -0.1% | 25.9% | 51.3 | 51.3 | 0.0 | 0.0% | 25.9% | 47.6 | 47.6 | 0.1 | 0.2% | 25.9% | 45.5 | 45.5 | 0.0 | 0.0% |
| 27.2% | 53.6 | 53.6 | 0.0 | -0.1% | 27.2% | 51.3 | 51.3 | 0.0 | 0.0% | 27.2% | 47.5 | 47.6 | 0.1 | 0.2% | 27.2% | 45.5 | 45.5 | 0.0 | 0.0% |
| 28.4% | 53.6 | 53.4 | -0.2 | -0.3% | 28.4% | 51.3 | 51.3 | 0.0 | 0.0% | 28.4% | 47.4 | 47.6 | 0.2 | 0.5% | 28.4% | 45.5 | 45.5 | 0.0 | 0.0% |
| 29.6% | 53.6 | 53.4 | -0.2 | -0.4% | 29.6% | 51.2 | 51.2 | 0.0 | -0.1% | 29.6% | 47.3 | 47.4 | 0.1 | 0.1% | 29.6% | 45.5 | 45.4 | 0.0 | -0.1% |
| 30.9% | 53.5 | 53.4 | -0.1 | -0.3% | 30.9% | 51.2 | 51.2 | 0.0 | 0.0% | 30.9% | 47.3 | 47.3 | 0.0 | 0.1% | 30.9% | 45.4 | 45.4 | 0.0 | -0.1% |
| 32.1% | 53.5 | 53.4 | -0.2 | -0.3% | 32.1% | 51.2 | 51.1 | 0.0 | -0.1% | 32.1% | 47.3 | 47.3 | 0.0 | 0.0% | 32.1% | 45.4 | 45.4 | 0.0 | -0.1% |
| 33.3% | 53.5 | 53.4 | -0.1 | -0.2% | 33.3% | 51.2 | 51.1 | -0.1 | -0.1% | 33.3% | 47.3 | 47.3 | 0.0 | 0.0% | 33.3% | 45.4 | 45.4 | 0.0 | 0.0% |
| 34.6% | 53.3 | 53.3 | -0.1 | -0.1% | 34.6% | 51.1 | 51.0 | -0.1 | -0.1% | 34.6% | 47.2 | 47.2 | 0.0 | 0.0% | 34.6% | 45.4 | 45.4 | 0.0 | 0.0% |
| 35.8% | 53.3 | 53.2 | 0.0 | -0.1% | 35.8% | 51.1 | 51.0 | -0.1 | -0.1% | 35.8% | 47.2 | 47.2 | 0.0 | 0.1% | 35.8% | 45.4 | 45.4 | 0.0 | 0.0% |
| 37.0% | 53.2 | 53.1 | -0.1 | -0.3% | 37.0% | 51.0 | 51.0 | 0.0 | 0.0% | 37.0% | 47.2 | 47.2 | 0.0 | 0.0% | 37.0% | 45.3 | 45.4 | 0.0 | 0.1% |
| 38.3% | 53.2 | 53.0 | -0.2 | -0.3% | 38.3% | 51.0 | 51.0 | 0.0 | 0.0% | 38.3% | 47.1 | 47.2 | 0.0 | 0.0% | 38.3% | 45.3 | 45.4 | 0.0 | 0.1% |
| 39.5% | 53.0 | 52.9 | -0.1 | -0.2% | 39.5% | 50.9 | 50.9 | 0.1 | 0.1% | 39.5% | 47.1 | 47.1 | 0.0 | 0.1% | 39.5% | 45.3 | 45.3 | 0.1 | 0.2% |
| 40.7% | 53.0 | 52.8 | -0.2 | -0.3% | 40.7% | 50.8 | 50.9 | 0.0 | 0.1% | 40.7% | 47.1 | 47.0 | -0.1 | -0.1% | 40.7% | 45.1 | 45.3 | 0.2 | 0.5% |
| 42.0% | 52.9 | 52.7 | -0.2 | -0.3% | 42.0% | 50.8 | 50.9 | 0.0 | 0.1% | 42.0% | 47.1 | 47.0 | -0.1 | -0.2% | 42.0% | 45.0 | 45.0 | 0.0 | 0.0% |
| 43.2% | 52.9 | 52.7 | -0.2 | -0.5% | 43.2% | 50.8 | 50.9 | 0.1 | 0.1% | 43.2% | 47.0 | 46.9 | 0.0 | -0.1% | 43.2% | 44.9 | 44.9 | 0.0 | 0.0% |
| 44.4% | 52.7 | 52.6 | -0.1 | -0.2% | 44.4% | 50.8 | 50.9 | 0.0 | 0.1% | 44.4% | 46.9 | 46.9 | 0.0 | 0.1% | 44.4% | 44.9 | 44.9 | 0.0 | 0.1% |
| 45.7% | 52.7 | 52.5 | -0.2 | -0.3% | 45.7% | 50.8 | 50.8 | 0.0 | 0.0% | 45.7% | 46.8 | 46.9 | 0.0 | 0.1% | 45.7% | 44.9 | 44.9 | 0.1 | 0.1% |
| 46.9% | 52.5 | 52.5 | -0.1 | -0.1% | 46.9% | 50.8 | 50.8 | 0.0 | 0.0% | 46.9% | 46.8 | 46.8 | 0.0 | 0.1% | 46.9% | 44.9 | 44.9 | 0.0 | 0.1% |
| 48.1% | 52.5 | 52.4 | -0.1 | -0.1% | 48.1% | 50.8 | 50.7 | -0.1 | -0.1% | 48.1% | 46.8 | 46.8 | 0.0 | 0.1% | 48.1% | 44.8 | 44.8 | 0.0 | 0.0% |
| 49.4% | 52.4 | 52.4 | 0.0 | -0.1% | 49.4% | 50.8 | 50.7 | -0.1 | -0.1% | 49.4% | 46.8 | 46.8 | 0.0 | 0.0% | 49.4% | 44.8 | 44.8 | 0.0 | 0.0% |
| 50.6% | 52.4 | 52.3 | -0.1 | -0.2% | 50.6% | 50.8 | 50.7 | -0.1 | -0.1% | 50.6% | 46.8 | 46.8 | 0.0 | 0.0% | 50.6% | 44.8 | 44.8 | 0.0 | 0.0% |
| 51.9% | 52.4 | 52.2 | -0.3 | -0.5% | 51.9% | 50.7 | 50.7 | 0.0 | -0.1% | 51.9% | 46.8 | 46.8 | 0.0 | 0.0% | 51.9% | 44.8 | 44.8 | 0.0 | 0.0% |
| 53.1% | 52.3 | 52.0 | -0.3 | -0.6% | 53.1% | 50.6 | 50.7 | 0.0 | 0.0% | 53.1% | 46.8 | 46.7 | 0.0 | -0.1% | 53.1% | 44.8 | 44.8 | 0.0 | 0.0% |
| 54.3% | 52.3 | 51.9 | -0.4 | -0.7% | 54.3% | 50.6 | 50.6 | 0.1 | 0.1% | 54.3% | 46.7 | 46.7 | 0.0 | 0.0% | 54.3% | 44.8 | 44.8 | 0.0 | 0.0% |
| 55.6% | 52.1 | 51.9 | -0.2 | -0.4% | 55.6% | 50.5 | 50.6 | 0.0 | 0.1% | 55.6% | 46.7 | 46.7 | 0.0 | 0.1% | 55.6% | 44.7 | 44.7 | 0.0 | 0.0% |
| 56.8% | 51.9 | 51.9 | -0.1 | -0.1% | 56.8% | 50.5 | 50.5 | 0.0 | 0.1% | 56.8% | 46.7 | 46.7 | 0.0 | 0.0% | 56.8% | 44.7 | 44.7 | 0.0 | 0.0% |
| 58.0% | 51.9 | 51.8 | 0.0 | -0.1% | 58.0% | 50.5 | 50.5 | 0.0 | 0.1% | 58.0% | 46.7 | 46.7 | 0.0 | 0.0% | 58.0% | 44.7 | 44.7 | 0.0 | 0.0% |
| 59.3% | 51.7 | 51.8 | 0.0 | 0.0% | 59.3% | 50.4 | 50.5 | 0.0 | 0.1% | 59.3% | 46.6 | 46.6 | 0.0 | 0.0% | 59.3% | 44.6 | 44.6 | 0.0 | 0.0% |
| 60.5% | 51.7 | 51.7 | 0.0 | 0.0% | 60.5% | 50.4 | 50.4 | 0.0 | -0.1% | 60.5% | 46.6 | 46.5 | 0.0 | 0.0% | 60.5% | 44.6 | 44.6 | 0.0 | 0.0% |
| 61.7% | 51.7 | 51.7 | -0.1 | -0.1% | 61.7% | 50.4 | 50.4 | 0.0 | 0.0% | 61.7% | 46.5 | 46.5 | 0.0 | 0.0% | 61.7% | 44.6 | 44.6 | 0.0 | 0.0% |
| 63.0% | 51.7 | 51.6 | -0.1 | -0.2% | 63.0% | 50.4 | 50.3 | 0.0 | -0.1% | 63.0% | 46.5 | 46.5 | 0.0 | -0.1% | 63.0% | 44.6 | 44.6 | 0.0 | 0.0% |
| 64.2% | 51.7 | 51.6 | -0.1 | -0.2% | 64.2% | 50.3 | 50.3 | 0.0 | 0.1% | 64.2% | 46.5 | 46.5 | 0.0 | 0.1% | 64.2% | 44.6 | 44.6 | 0.0 | 0.0% |
| 65.4% | 51.7 | 51.6 | -0.1 | -0.2% | 65.4% | 50.3 | 50.3 | 0.0 | 0.0% | 65.4% | 46.4 | 46.5 | 0.0 | 0.1% | 65.4% | 44.6 | 44.6 | 0.0 | 0.0% |
| 66.7% | 51.6 | 51.5 | -0.1 | -0.2% | 66.7% | 50.2 | 50.2 | 0.0 | 0.0% | 66.7% | 46.4 | 46.4 | 0.0 | 0.1% | 66.7% | 44.5 | 44.5 | 0.0 | 0.0% |
| 67.9% | 51.6 | 51.5 | -0.2 | -0.3% | 67.9% | 50.2 | 50.1 | 0.0 | 0.0% | 67.9% | 46.4 | 46.3 | -0.1 | -0.1% | 67.9% | 44.5 | 44.5 | 0.0 | 0.0% |
| 69.1% | 51.6 | 51.5 | -0.1 | -0.3% | 69.1% | 50.1 | 50.1 | 0.0 | -0.1% | 69.1% | 46.4 | 46.3 | -0.1 | -0.1% | 69.1% | 44.5 | 44.5 | 0.0 | 0.0% |
| 70.4% | 51.5 | 51.4 | -0.1 | -0.1% | 70.4% | 50.1 | 50.0 | 0.0 | 0.0% | 70.4% | 46.4 | 46.3 | 0.0 | -0.1% | 70.4% | 44.4 | 44.4 | 0.0 | 0.0% |
| 71.6% | 51.4 | 51.3 | -0.1 | -0.1% | 71.6% | 50.0 | 50.0 | 0.0 | -0.1% | 71.6% | 46.3 | 46.3 | 0.0 | -0.1% | 71.6% | 44.3 | 44.3 | 0.0 | 0.0% |
| 72.8% | 51.3 | 51.3 | 0.0 | 0.0% | 72.8% | 50.0 | 50.0 | 0.0 | 0.0% | 72.8% | 46.3 | 46.3 | 0.0 | 0.0% | 72.8% | 44.3 | 44.2 | 0.0 | -0.1% |
| 74.1% | 51.2 | 51.2 | 0.0 | 0.0% | 74.1% | 50.0 | 50.0 | 0.0 | 0.0% | 74.1% | 46.3 | 46.3 | 0.0 | 0.0% | 74.1% | 44.3 | 44.2 | -0.1 | -0.1% |
| 75.3% | 51.2 | 51.2 | 0.0 | 0.0% | 75.3% | 49.9 | 50.0 | 0.1 | 0.1% | 75.3% | 46.3 | 46.2 | 0.0 | 0.0% | 75.3% | 44.2 | 44.2 | -0.1 | -0.1% |
| 76.5% | 51.2 | 51.1 | 0.0 | 0.0% | 76.5% | 49.9 | 49.9 | 0.0 | 0.0% | 76.5% | 46.2 | 46.2 | 0.0 | 0.0% | 76.5% | 44.2 | 44.2 | -0.1 | -0.1% |
| 77.8% | 51.1 | 51.1 | 0.0 | 0.0% | 77.8% | 49.9 | 49.8 | -0.1 | -0.2% | 77.8% | 46.2 | 46.2 | -0.1 | -0.1% | 77.8% | 44.2 | 44.2 | 0.0 | -0.1% |
| 79.0% | 51.1 | 51.1 | 0.0 | 0.1% | 79.0% | 49.9 | 49.8 | -0.1 | -0.1% | 79.0% | 46.2 | 46.2 | -0.1 | -0.1% | 79.0% | 44.2 | 44.2 | 0.0 | 0.0% |
| 80.2% | 51.0 | 51.1 | 0.1 | 0.1% | 80.2% | 49.9 | 49.8 | -0.1 | -0.1% | 80.2% | 46.1 | 46.1 | 0.0 | 0.0% | 80.2% | 44.2 | 44.1 | 0.0 | -0.1% |
| 81.5% | 51.0 | 50.9 | -0.1 | -0.1% | 81.5% | 49.9 | 49.8 | -0.1 | -0.1% | 81.5% | 46.1 | 46.1 | 0.0 | 0.0% | 81.5% | 44.2 | 44.1 | 0.0 | -0.1% |
| 82.7% | 50.9 | 50.9 | 0.0 | -0.1% | 82.7% | 49.8 | 49.7 | -0.1 | -0.2% | 82.7% | 46.1 | 46.0 | 0.0 | 0.0% | 82.7% | 44.1 | 44.0 | -0.1 | -0.1% |
| 84.0% | 50.9 | 50.8 | -0.1 | -0.2% | 84.0% | 49.8 | 49.7 | -0.1 | -0.2% | 84.0% | 46.0 | 46.0 | -0.1 | -0.1% | 84.0% | 44.1 | 44.0 | -0.1 | -0.1% |
| 85.2% | 50.8 | 50.8 | 0.0 | -0.1% | 85.2% | 49.7 | 49.6 | -0.1 | -0.1% | 85.2% | 46.0 | 45.9 | 0.0 | -0.1% | 85.2% | 44.0 | 44.0 | 0.0 | 0.1% |
| 86.4% | 50.7 | 50.8 | 0.1 | 0.2% | 86.4% | 49.7 | 49.6 | -0.1 | -0.1% | 86.4% | 45.9 | 45.9 | 0.0 | 0.0% | 86.4% | 44.0 | 44.0 | 0.0 | 0.0% |
| 87.7% | 50.7 | 50.8 | 0.1 | 0.2% | 87.7% | 49.5 | 49.5 | 0.0 | 0.1% | 87.7% | 45.9 | 45.8 | -0.1 | -0.1% | 87.7% | 44.0 | 44.0 | 0.0 | 0.0% |
| 88.9% | 50.7 | 50.6 | -0.1 | -0.2% | 88.9% | 49.4 | 49.5 | 0.1 | 0.2% | 88.9% | 45.9 | 45.8 | -0.1 | -0.2% | 88.9% | 43.9 | 43.9 | 0.0 | 0.1% |
| 90.1% | 50.6 | 50.4 | -0.1 | -0.2% | 90.1% | 49.4 | 49.5 | 0.0 | 0.1% | 90.1% | 45.9 | 45.8 | -0.1 | -0.2% | 90.1% | 43.8 | 43.9 | 0.1 | 0.2% |
| 91.4% | 50.4 | 50.3 | -0.1 | -0.3% | 91.4% | 49.3 | 49.4 | 0.2 | 0.3% | 91.4% | 45.8 | 45.7 | -0.1 | -0.2% | 91.4% | 43.8 | 43.9 | 0.0 | 0.1% |
| 92.6% | 50.3 | 50.2 | -0.2 | -0.3% | 92.6% | 49.2 | 49.2 | 0.0 | 0.0% | 92.6% | 45.8 | 45.7 | -0.1 | -0.1% | 92.6% | 43.8 | 43.9 | 0.0 | 0.1% |
| 93.8% | 50.3 | 50.2 | -0.1 | -0.2% | 93.8% | 49.1 | 49.1 | 0.0 | 0.1% | 93.8% | 45.8 | 45.7 | 0.0 | -0.1% | 93.8% | 43.7 | 43.8 | 0.1 | 0.2% |
| 95.1% | 50.2 | 50.2 | -0.1 | -0.2% | 95.1% | 49.0 | 49.0 | 0.0 | 0.1% | 95.1% | 45.7 | 45.5 | -0.2 | -0.3% | 95.1% | 43.7 | 43.7 | 0.0 | 0.0% |
| 96.3% | 50.0 | 50.0 | 0.0 | 0.1% | 96.3% | 48.9 | 49.0 | 0.1 | 0.2% | 96.3% | 45.6 | 45.5 | -0.1 | -0.3% | 96.3% | 43.7 | 43.6 | -0.1 | -0.1% |
| 97.5% | 49.9 | 49.9 | 0.0 | 0.0% | 97.5% | 48.6 | 48.7 | 0.1 | 0.2% | 97.5% | 45.6 | 45.2 | -0.3 | -0.8% | 97.5% | 43.6 | 43.5 | -0.1 | -0.2% |
| 98.8% | 49.6 | 49.9 | 0.4 | 0.7% | 98.8% | 48.6 | 48.4 | -0.2 | -0.4% | 98.8% | 45.0 | 45.0 | 0.0 | 0.1% | 98.8% | 43.3 | 43.3 | 0.0 | 0.0% |
| 100.0% | 49.6 | 49.9 | 0.0 | 0.7% | 100.0% | 48.6 | 48.4 | -0.2 | -0.4% | 100.0% | 45.0 | 45.0 | 0.0 | 0.1% | 100.0% | 43.3 | 43.3 | 0.0 | 0.0% |

## Table SQ14-1b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 50.6 | 50.6 | 0.0 | 0.0% | 0.0% | 49.0 | 49.0 | 0.0 | 0.0% | 0.0% | 50.8 | 50.8 | 0.0 | 0.0% | 0.0% | 51.8 | 51.8 | 0.0 | 0.0% |
| 1.2% | 47.8 | 48.2 | 0.4 | 0.8% | 1.2% | 48.5 | 48.5 | 0.0 | 0.0% | 1.2% | 50.8 | 50.8 | 0.0 | 0.0% | 1.2% | 51.8 | 51.8 | 0.0 | -0.1% |
| 2.5% | 47.5 | 47.8 | 0.2 | 0.5% | 2.5% | 48.5 | 48.5 | 0.0 | 0.0% | 2.5% | 50.7 | 50.0 | -0.8 | -1.5% | 2.5% | 51.7 | 51.7 | 0.0 | 0.0% |
| 3.7% | 47.4 | 47.2 | -0.2 | -0.4% | 3.7% | 48.4 | 48.1 | -0.3 | -0.7% | 3.7% | 50.0 | 49.9 | 0.0 | -0.1% | 3.7% | 51.5 | 51.3 | -0.2 | -0.3% |
| 4.9% | 47.2 | 47.1 | -0.1 | -0.2% | 4.9% | 48.1 | 48.1 | 0.0 | 0.0% | 4.9% | 49.9 | 49.9 | 0.0 | 0.0% | 4.9% | 51.3 | 51.0 | -0.4 | -0.7% |
| 6.2% | 47.1 | 47.0 | -0.1 | -0.3% | 6.2% | 48.1 | 48.1 | 0.0 | 0.0% | 6.2% | 49.7 | 49.7 | 0.0 | 0.0% | 6.2% | 51.0 | 51.0 | 0.0 | -0.1% |
| 7.4% | 47.0 | 46.9 | -0.1 | -0.3% | 7.4% | 48.0 | 47.9 | -0.1 | -0.2% | 7.4% | 49.7 | 49.7 | 0.0 | 0.0% | 7.4% | 50.9 | 50.9 | 0.0 | 0.0% |
| 8.6% | 46.9 | 46.8 | -0.1 | -0.1% | 8.6% | 47.9 | 47.9 | 0.0 | -0.1% | 8.6% | 49.6 | 49.7 | 0.0 | 0.0% | 8.6% | 50.9 | 50.9 | 0.0 | 0.0% |
| 9.9% | 46.8 | 46.1 | -0.7 | -1.5% | 9.9% | 47.9 | 47.8 | -0.1 | -0.2% | 9.9% | 49.6 | 49.7 | 0.1 | 0.2% | 9.9% | 50.7 | 50.7 | 0.0 | 0.0% |
| 11.1% | 46.1 | 46.1 | -0.1 | -0.1% | 11.1% | 47.7 | 47.7 | 0.0 | 0.0% | 11.1% | 49.3 | 49.6 | 0.3 | 0.6% | 11.1% | 50.6 | 50.6 | 0.0 | 0.0% |
| 12.3% | 46.1 | 46.0 | -0.1 | -0.2% | 12.3% | 47.5 | 47.6 | 0.1 | 0.3% | 12.3% | 49.2 | 49.4 | 0.2 | 0.4% | 12.3% | 50.4 | 50.5 | 0.1 | 0.2% |
| 13.6% | 46.0 | 46.0 | 0.0 | -0.1% | 13.6% | 47.3 | 47.5 | 0.2 | 0.4% | 13.6% | 49.2 | 49.2 | 0.0 | 0.0% | 13.6% | 50.4 | 50.5 | 0.1 | 0.2% |
| 14.8% | 46.0 | 46.0 | 0.0 | -0.1% | 14.8% | 47.3 | 47.4 | 0.1 | 0.1% | 14.8% | 49.1 | 49.2 | 0.1 | 0.2% | 14.8% | 50.4 | 50.4 | 0.1 | 0.2% |
| 16.0% | 45.9 | 45.9 | -0.1 | -0.2% | 16.0% | 47.2 | 47.3 | 0.1 | 0.2% | 16.0% | 49.0 | 49.1 | 0.1 | 0.2% | 16.0% | 50.3 | 50.4 | 0.1 | 0.2% |
| 17.3% | 45.9 | 45.9 | 0.0 | 0.0% | 17.3% | 47.2 | 47.2 | 0.0 | 0.1% | 17.3% | 48.9 | 49.1 | 0.1 | 0.3% | 17.3% | 50.2 | 50.3 | 0.1 | 0.2% |
| 18.5% | 45.8 | 45.8 | 0.0 | 0.0% | 18.5% | 47.1 | 47.2 | 0.1 | 0.1% | 18.5% | 48.9 | 49.0 | 0.1 | 0.2% | 18.5% | 50.2 | 50.3 | 0.1 | 0.2% |
| 19.8% | 45.8 | 45.7 | -0.1 | -0.2% | 19.8% | 47.0 | 47.2 | 0.2 | 0.3% | 19.8% | 48.9 | 48.9 | 0.0 | 0.1% | 19.8% | 50.1 | 50.3 | 0.1 | 0.3% |
| 21.0% | 45.7 | 45.7 | 0.0 | -0.1% | 21.0% | 46.9 | 46.9 | 0.0 | 0.0% | 21.0% | 48.8 | 48.9 | 0.1 | 0.1% | 21.0% | 50.0 | 50.0 | 0.0 | 0.1% |
| 22.2% | 45.7 | 45.7 | 0.0 | 0.0% | 22.2% | 46.9 | 46.9 | 0.0 | 0.0% | 22.2% | 48.8 | 48.8 | 0.0 | 0.1% | 22.2% | 49.9 | 50.0 | 0.0 | 0.0% |
| 23.5% | 45.7 | 45.6 | 0.0 | -0.1% | 23.5% | 46.8 | 46.8 | 0.0 | 0.0% | 23.5% | 48.6 | 48.8 | 0.2 | 0.4% | 23.5% | 49.9 | 49.9 | 0.0 | 0.0% |
| 24.7% | 45.6 | 45.6 | 0.0 | 0.0% | 24.7% | 46.8 | 46.8 | -0.1 | -0.1% | 24.7% | 48.5 | 48.6 | 0.1 | 0.3% | 24.7% | 49.9 | 49.8 | 0.0 | 0.0% |
| 25.9% | 45.6 | 45.6 | 0.0 | 0.0% | 25.9% | 46.8 | 46.7 | 0.0 | -0.1% | 25.9% | 48.5 | 48.5 | 0.1 | 0.2% | 25.9% | 49.9 | 49.8 | 0.0 | 0.0% |
| 27.2% | 45.5 | 45.6 | 0.0 | 0.1% | 27.2% | 46.8 | 46.7 | 0.0 | -0.1% | 27.2% | 48.4 | 48.5 | 0.0 | 0.1% | 27.2% | 49.9 | 49.8 | 0.0 | 0.0% |
| 28.4% | 45.5 | 45.5 | 0.0 | 0.0% | 28.4% | 46.7 | 46.7 | 0.0 | -0.1% | 28.4% | 48.3 | 48.5 | 0.1 | 0.3% | 28.4% | 49.8 | 49.8 | 0.0 | 0.0% |
| 29.6% | 45.5 | 45.5 | 0.0 | 0.0% | 29.6% | 46.7 | 46.7 | 0.0 | 0.0% | 29.6% | 48.3 | 48.4 | 0.1 | 0.2% | 29.6% | 49.8 | 49.8 | 0.0 | 0.0% |
| 30.9% | 45.5 | 45.5 | 0.0 | 0.0% | 30.9% | 46.7 | 46.7 | 0.0 | 0.0% | 30.9% | 48.3 | 48.4 | 0.1 | 0.1% | 30.9% | 49.7 | 49.8 | 0.0 | 0.1% |
| 32.1% | 45.4 | 45.4 | 0.0 | 0.0% | 32.1% | 46.7 | 46.7 | 0.0 | 0.0% | 32.1% | 48.3 | 48.4 | 0.0 | 0.1% | 32.1% | 49.7 | 49.7 | 0.0 | 0.0% |
| 33.3% | 45.4 | 45.4 | 0.0 | 0.1% | 33.3% | 46.7 | 46.6 | 0.0 | 0.0% | 33.3% | 48.3 | 48.3 | 0.0 | 0.0% | 33.3% | 49.7 | 49.7 | 0.0 | 0.1% |
| 34.6% | 45.4 | 45.4 | 0.1 | 0.2% | 34.6% | 46.7 | 46.6 | -0.1 | -0.1% | 34.6% | 48.3 | 48.3 | 0.0 | 0.0% | 34.6% | 49.6 | 49.7 | 0.0 | 0.1% |
| 35.8% | 45.3 | 45.4 | 0.0 | 0.1% | 35.8% | 46.6 | 46.6 | 0.0 | 0.0% | 35.8% | 48.3 | 48.3 | 0.0 | 0.0% | 35.8% | 49.6 | 49.6 | 0.0 | 0.0% |
| 37.0% | 45.3 | 45.3 | 0.0 | 0.0% | 37.0% | 46.6 | 46.6 | 0.0 | -0.1% | 37.0% | 48.3 | 48.3 | 0.0 | 0.0% | 37.0% | 49.6 | 49.6 | 0.0 | 0.0% |
| 38.3% | 45.3 | 45.3 | 0.0 | 0.0% | 38.3% | 46.6 | 46.6 | 0.0 | 0.0% | 38.3% | 48.3 | 48.3 | 0.0 | 0.0% | 38.3% | 49.6 | 49.6 | 0.0 | 0.0% |
| 39.5% | 45.2 | 45.3 | 0.0 | 0.0% | 39.5% | 46.5 | 46.5 | 0.1 | 0.2% | 39.5% | 48.1 | 48.3 | 0.1 | 0.2% | 39.5% | 49.6 | 49.6 | 0.0 | 0.0% |
| 40.7% | 45.2 | 45.2 | 0.0 | 0.0% | 40.7% | 46.5 | 46.5 | 0.1 | 0.1% | 40.7% | 48.1 | 48.2 | 0.1 | 0.2% | 40.7% | 49.5 | 49.6 | 0.1 | 0.2% |
| 42.0% | 45.1 | 45.2 | 0.1 | 0.1% | 42.0% | 46.4 | 46.5 | 0.1 | 0.2% | 42.0% | 48.1 | 48.2 | 0.1 | 0.1% | 42.0% | 49.5 | 49.5 | 0.1 | 0.1% |
| 43.2% | 45.1 | 45.1 | 0.0 | 0.1% | 43.2% | 46.4 | 46.4 | 0.1 | 0.1% | 43.2% | 48.1 | 48.1 | 0.0 | 0.0% | 43.2% | 49.4 | 49.4 | 0.0 | 0.0% |
| 44.4% | 45.1 | 45.1 | 0.0 | 0.0% | 44.4% | 46.3 | 46.4 | 0.1 | 0.1% | 44.4% | 48.1 | 48.0 | -0.1 | -0.1% | 44.4% | 49.4 | 49.4 | -0.1 | -0.1% |
| 45.7% | 45.1 | 45.1 | 0.0 | 0.0% | 45.7% | 46.3 | 46.3 | 0.0 | 0.0% | 45.7% | 48.0 | 48.0 | -0.1 | -0.1% | 45.7% | 49.4 | 49.4 | 0.0 | -0.1% |
| 46.9% | 45.1 | 45.1 | 0.0 | -0.1% | 46.9% | 46.3 | 46.3 | 0.0 | 0.1% | 46.9% | 48.0 | 47.9 | -0.1 | -0.1% | 46.9% | 49.4 | 49.3 | 0.0 | 0.0% |
| 48.1% | 45.1 | 45.0 | -0.1 | -0.1% | 48.1% | 46.2 | 46.3 | 0.1 | 0.1% | 48.1% | 48.0 | 47.9 | 0.0 | -0.1% | 48.1% | 49.4 | 49.3 | 0.0 | -0.1% |
| 49.4% | 45.1 | 45.0 | -0.1 | -0.1% | 49.4% | 46.2 | 46.3 | 0.1 | 0.2% | 49.4% | 47.9 | 47.9 | 0.0 | -0.1% | 49.4% | 49.4 | 49.2 | -0.1 | -0.2% |
| 50.6% | 45.0 | 45.0 | 0.0 | 0.0% | 50.6% | 46.2 | 46.2 | 0.0 | 0.0% | 50.6% | 47.9 | 47.9 | 0.0 | 0.0% | 50.6% | 49.3 | 49.2 | -0.1 | -0.3% |
| 51.9% | 45.0 | 45.0 | 0.0 | 0.0% | 51.9% | 46.2 | 46.2 | 0.0 | 0.0% | 51.9% | 47.9 | 47.9 | 0.0 | 0.0% | 51.9% | 49.3 | 49.1 | -0.2 | -0.4% |
| 53.1% | 45.0 | 45.0 | 0.0 | 0.0% | 53.1% | 46.2 | 46.2 | 0.0 | 0.0% | 53.1% | 47.9 | 47.9 | 0.0 | 0.0% | 53.1% | 49.3 | 49.1 | -0.1 | -0.3% |
| 54.3% | 45.0 | 45.0 | 0.0 | 0.0% | 54.3% | 46.2 | 46.2 | 0.0 | 0.0% | 54.3% | 47.8 | 47.8 | 0.0 | 0.0% | 54.3% | 49.2 | 49.1 | -0.1 | -0.1% |
| 55.6% | 44.9 | 45.0 | 0.0 | 0.1% | 55.6% | 46.2 | 46.1 | 0.0 | 0.0% | 55.6% | 47.8 | 47.8 | 0.0 | 0.0% | 55.6% | 49.1 | 49.1 | 0.0 | -0.1% |
| 56.8% | 44.9 | 45.0 | 0.0 | 0.1% | 56.8% | 46.1 | 46.1 | 0.0 | 0.0% | 56.8% | 47.8 | 47.8 | 0.0 | -0.1% | 56.8% | 49.1 | 49.1 | 0.0 | 0.0% |
| 58.0% | 44.9 | 44.9 | 0.0 | -0.1% | 58.0% | 46.1 | 46.1 | 0.0 | -0.1% | 58.0% | 47.8 | 47.7 | -0.1 | -0.1% | 58.0% | 49.0 | 49.0 | 0.0 | 0.0% |
| 59.3% | 44.9 | 44.9 | -0.1 | -0.1% | 59.3% | 46.1 | 46.1 | 0.0 | 0.0% | 59.3% | 47.8 | 47.7 | -0.1 | -0.2% | 59.3% | 49.0 | 49.0 | 0.0 | 0.0% |
| 60.5% | 44.8 | 44.8 | 0.0 | -0.1% | 60.5% | 46.1 | 46.1 | 0.0 | 0.0% | 60.5% | 47.7 | 47.7 | -0.1 | -0.1% | 60.5% | 49.0 | 48.9 | 0.0 | -0.1% |
| 61.7% | 44.8 | 44.8 | 0.0 | 0.0% | 61.7% | 46.1 | 46.1 | 0.0 | 0.0% | 61.7% | 47.7 | 47.7 | 0.0 | -0.1% | 61.7% | 48.9 | 48.9 | -0.1 | -0.2% |
| 63.0% | 44.8 | 44.8 | 0.0 | 0.0% | 63.0% | 46.1 | 46.1 | 0.0 | 0.0% | 63.0% | 47.7 | 47.7 | 0.0 | 0.0% | 63.0% | 48.9 | 48.9 | 0.0 | -0.1% |
| 64.2% | 44.7 | 44.7 | 0.0 | -0.1% | 64.2% | 46.1 | 46.1 | 0.0 | 0.0% | 64.2% | 47.6 | 47.6 | 0.0 | -0.1% | 64.2% | 48.8 | 48.8 | 0.0 | 0.0% |
| 65.4% | 44.6 | 44.6 | 0.0 | 0.0% | 65.4% | 46.0 | 46.0 | 0.0 | 0.1% | 65.4% | 47.6 | 47.6 | 0.0 | 0.0% | 65.4% | 48.8 | 48.8 | 0.0 | -0.1% |
| 66.7% | 44.6 | 44.6 | 0.0 | 0.0% | 66.7% | 46.0 | 46.0 | 0.0 | 0.0% | 66.7% | 47.6 | 47.6 | 0.0 | -0.1% | 66.7% | 48.8 | 48.8 | 0.0 | 0.0% |
| 67.9% | 44.6 | 44.6 | 0.0 | -0.1% | 67.9% | 46.0 | 46.0 | 0.0 | 0.1% | 67.9% | 47.6 | 47.6 | 0.0 | -0.1% | 67.9% | 48.8 | 48.8 | 0.0 | 0.0% |
| 69.1% | 44.6 | 44.6 | 0.0 | -0.1% | 69.1% | 45.9 | 46.0 | 0.0 | 0.0% | 69.1% | 47.6 | 47.5 | 0.0 | -0.1% | 69.1% | 48.8 | 48.8 | 0.0 | 0.0% |
| 70.4% | 44.6 | 44.5 | 0.0 | 0.0% | 70.4% | 45.9 | 45.9 | 0.0 | -0.1% | 70.4% | 47.6 | 47.5 | -0.1 | -0.1% | 70.4% | 48.7 | 48.7 | 0.0 | 0.0% |
| 71.6% | 44.5 | 44.5 | 0.0 | 0.0% | 71.6% | 45.9 | 45.9 | 0.0 | -0.1% | 71.6% | 47.6 | 47.5 | -0.1 | -0.2% | 71.6% | 48.7 | 48.6 | -0.1 | -0.1% |
| 72.8% | 44.5 | 44.5 | 0.0 | 0.0% | 72.8% | 45.9 | 45.9 | 0.0 | -0.1% | 72.8% | 47.5 | 47.4 | -0.1 | -0.1% | 72.8% | 48.7 | 48.6 | -0.1 | -0.2% |
| 74.1% | 44.5 | 44.5 | 0.0 | 0.1% | 74.1% | 45.9 | 45.8 | 0.0 | -0.1% | 74.1% | 47.5 | 47.4 | -0.1 | -0.2% | 74.1% | 48.7 | 48.6 | -0.1 | -0.2% |
| 75.3% | 44.5 | 44.5 | 0.0 | 0.0% | 75.3% | 45.8 | 45.8 | 0.0 | -0.1% | 75.3% | 47.4 | 47.4 | 0.0 | -0.1% | 75.3% | 48.7 | 48.4 | -0.2 | -0.5% |
| 76.5% | 44.4 | 44.4 | 0.0 | 0.1% | 76.5% | 45.8 | 45.8 | 0.0 | 0.0% | 76.5% | 47.4 | 47.3 | 0.0 | 0.0% | 76.5% | 48.4 | 48.4 | 0.0 | 0.0% |
| 77.8% | 44.4 | 44.4 | 0.0 | 0.0% | 77.8% | 45.7 | 45.7 | 0.0 | 0.0% | 77.8% | 47.3 | 47.3 | 0.0 | -0.1% | 77.8% | 48.4 | 48.3 | 0.0 | 0.0% |
| 79.0% | 44.4 | 44.3 | 0.0 | -0.1% | 79.0% | 45.6 | 45.7 | 0.1 | 0.2% | 79.0% | 47.3 | 47.3 | 0.0 | 0.0% | 79.0% | 48.4 | 48.3 | 0.0 | -0.1% |
| 80.2% | 44.4 | 44.3 | 0.0 | -0.1% | 80.2% | 45.6 | 45.6 | 0.0 | 0.0% | 80.2% | 47.3 | 47.3 | 0.0 | 0.0% | 80.2% | 48.3 | 48.3 | 0.0 | 0.0% |
| 81.5% | 44.3 | 44.3 | 0.0 | 0.0% | 81.5% | 45.6 | 45.5 | 0.0 | 0.0% | 81.5% | 47.3 | 47.3 | 0.0 | -0.1% | 81.5% | 48.2 | 48.2 | 0.0 | 0.0% |
| 82.7% | 44.3 | 44.3 | 0.0 | 0.0% | 82.7% | 45.6 | 45.5 | 0.0 | 0.0% | 82.7% | 47.2 | 47.2 | 0.0 | 0.0% | 82.7% | 48.2 | 48.2 | 0.0 | 0.0% |
| 84.0% | 44.3 | 44.3 | 0.0 | 0.0% | 84.0% | 45.5 | 45.5 | -0.1 | -0.2% | 84.0% | 47.1 | 47.2 | 0.0 | 0.0% | 84.0% | 48.1 | 48.2 | 0.1 | 0.2% |
| 85.2% | 44.2 | 44.3 | 0.1 | 0.2% | 85.2% | 45.5 | 45.4 | -0.1 | -0.2% | 85.2% | 47.1 | 47.1 | 0.0 | 0.1% | 85.2% | 48.1 | 48.2 | 0.1 | 0.2% |
| 86.4% | 44.2 | 44.2 | 0.1 | 0.1% | 86.4% | 45.5 | 45.4 | -0.1 | -0.2% | 86.4% | 47.1 | 47.1 | 0.0 | 0.1% | 86.4% | 48.1 | 48.1 | 0.0 | 0.0% |
| 87.7% | 44.1 | 44.1 | 0.0 | 0.1% | 87.7% | 45.4 | 45.3 | -0.1 | -0.2% | 87.7% | 47.0 | 47.1 | 0.1 | 0.2% | 87.7% | 48.1 | 48.1 | 0.0 | 0.0% |
| 88.9% | 44.0 | 44.1 | 0.1 | 0.2% | 88.9% | 45.1 | 45.1 | 0.0 | 0.0% | 88.9% | 46.9 | 46.9 | 0.0 | 0.0% | 88.9% | 48.0 | 48.0 | 0.0 | 0.0% |
| 90.1% | 44.0 | 44.0 | 0.0 | 0.1% | 90.1% | 45.0 | 45.0 | 0.0 | 0.0% | 90.1% | 46.7 | 46.9 | 0.2 | 0.3% | 90.1% | 48.0 | 48.0 | 0.0 | 0.0% |
| 91.4% | 44.0 | 44.0 | 0.0 | 0.0% | 91.4% | 45.0 | 45.0 | 0.0 | 0.1% | 91.4% | 46.6 | 46.7 | 0.0 | 0.1% | 91.4% | 47.9 | 48.0 | 0.1 | 0.1% |
| 92.6% | 44.0 | 44.0 | 0.0 | 0.0% | 92.6% | 44.9 | 45.0 | 0.1 | 0.2% | 92.6% | 46.6 | 46.4 | -0.1 | -0.3% | 92.6% | 47.9 | 47.8 | -0.1 | -0.2% |
| 93.8% | 43.9 | 43.9 | 0.0 | 0.0% | 93.8% | 44.9 | 44.9 | 0.0 | 0.0% | 93.8% | 46.4 | 46.4 | 0.0 | 0.0% | 93.8% | 47.8 | 47.6 | -0.1 | -0.3% |
| 95.1% | 43.9 | 43.9 | 0.0 | 0.0% | 95.1% | 44.9 | 44.9 | 0.0 | 0.0% | 95.1% | 46.4 | 46.4 | 0.0 | 0.0% | 95.1% | 47.6 | 47.5 | -0.1 | -0.2% |
| 96.3% | 43.7 | 43.7 | 0.0 | -0.1% | 96.3% | 44.9 | 44.8 | 0.0 | -0.1% | 96.3% | 46.4 | 46.3 | -0.1 | -0.3% | 96.3% | 47.5 | 47.5 | 0.0 | 0.0% |
| 97.5% | 43.6 | 43.6 | 0.0 | -0.1% | 97.5% | 44.8 | 44.8 | 0.0 | 0.0% | 97.5% | 46.1 | 46.2 | 0.1 | 0.2% | 97.5% | 47.4 | 47.3 | -0.1 | -0.2% |
| 98.8% | 43.6 | 43.6 | -0.1 | -0.1% | 98.8% | 44.7 | 44.7 | 0.0 | 0.0% | 98.8% | 46.0 | 46.2 | 0.1 | 0.3% | 98.8% | 47.3 | 47.3 | 0.0 | 0.0% |
| 100.0% | 43.6 | 43.6 | -0.1 | -0.1% | 100.0% | 44.7 | 44.7 | 0.0 | 0.0% | 100.0% | 46.0 | 46.2 | 0.1 | 0.3% | 100.0% | 47.3 | 47.3 | 0.0 | 0.0% |

## Table SQ14-1b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

| June | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 57.7 | 57.8 | 0.0 | 0.1% |
| 1.2% | 55.5 | 55.5 | 0.0 | 0.0% |
| 2.5% | 55.3 | 55.3 | 0.0 | -0.1% |
| 3.7% | 54.9 | 54.7 | -0.1 | -0.2% |
| 4.9% | 54.4 | 54.4 | 0.0 | 0.0% |
| 6.2% | 54.4 | 54.4 | 0.0 | 0.0% |
| 7.4% | 54.2 | 54.1 | 0.0 | -0.1% |
| 8.6% | 54.0 | 54.0 | 0.1 | 0.1% |
| 9.9% | 53.8 | 53.9 | 0.1 | 0.2% |
| 11.1% | 53.3 | 53.3 | 0.0 | 0.0% |
| 12.3% | 53.2 | 53.2 | 0.0 | 0.0% |
| 13.6% | 53.2 | 53.2 | 0.0 | 0.0% |
| 14.8% | 53.1 | 53.0 | -0.1 | -0.1% |
| 16.0% | 53.1 | 52.9 | -0.2 | -0.3% |
| 17.3% | 53.0 | 52.9 | -0.2 | -0.3% |
| 18.5% | 52.8 | 52.8 | 0.0 | 0.0% |
| 19.8% | 52.7 | 52.8 | 0.1 | 0.1% |
| 21.0% | 52.7 | 52.6 | -0.1 | -0.1% |
| 22.2% | 52.6 | 52.5 | 0.0 | 0.0% |
| 23.5% | 52.4 | 52.3 | -0.2 | -0.3% |
| 24.7% | 52.3 | 52.2 | -0.1 | -0.2% |
| 25.9% | 52.2 | 52.2 | -0.1 | -0.1% |
| 27.2% | 52.2 | 52.1 | -0.1 | -0.1% |
| 28.4% | 52.2 | 52.1 | 0.0 | -0.1% |
| 29.6% | 52.1 | 52.1 | 0.0 | -0.1% |
| 30.9% | 52.1 | 52.0 | -0.1 | -0.1% |
| 32.1% | 52.1 | 52.0 | 0.0 | -0.1% |
| 33.3% | 52.0 | 52.0 | 0.0 | -0.1% |
| 34.6% | 52.0 | 51.9 | -0.1 | -0.2% |
| 35.8% | 52.0 | 51.9 | -0.1 | -0.2% |
| 37.0% | 51.9 | 51.8 | -0.1 | -0.2% |
| 38.3% | 51.9 | 51.8 | -0.1 | -0.2% |
| 39.5% | 51.9 | 51.8 | -0.1 | -0.2% |
| 40.7% | 51.7 | 51.7 | 0.0 | 0.0% |
| 42.0% | 51.7 | 51.7 | 0.0 | 0.0% |
| 43.2% | 51.6 | 51.7 | 0.0 | 0.0% |
| 44.4% | 51.6 | 51.6 | 0.0 | 0.1% |
| 45.7% | 51.6 | 51.5 | -0.1 | -0.1% |
| 46.9% | 51.5 | 51.5 | 0.0 | 0.0% |
| 48.1% | 51.5 | 51.5 | 0.0 | -0.1% |
| 49.4% | 51.5 | 51.4 | 0.0 | -0.1% |
| 50.6% | 51.4 | 51.4 | 0.0 | 0.0% |
| 51.9% | 51.4 | 51.4 | 0.0 | 0.0% |
| 53.1% | 51.4 | 51.4 | 0.0 | -0.1% |
| 54.3% | 51.4 | 51.3 | 0.0 | -0.1% |
| 55.6% | 51.4 | 51.3 | 0.0 | -0.1% |
| 56.8% | 51.3 | 51.3 | 0.0 | 0.0% |
| 58.0% | 51.3 | 51.3 | 0.0 | -0.1% |
| 59.3% | 51.3 | 51.3 | -0.1 | -0.1% |
| 60.5% | 51.2 | 51.1 | -0.1 | -0.2% |
| 61.7% | 51.1 | 51.1 | 0.0 | 0.0% |
| 63.0% | 51.0 | 51.1 | 0.1 | 0.1% |
| 64.2% | 51.0 | 51.0 | 0.0 | 0.0% |
| 65.4% | 51.0 | 50.9 | 0.0 | 0.0% |
| 66.7% | 50.9 | 50.9 | 0.0 | 0.0% |
| 67.9% | 50.9 | 50.9 | 0.0 | 0.0% |
| 69.1% | 50.9 | 50.8 | -0.1 | -0.2% |
| 70.4% | 50.9 | 50.8 | -0.1 | -0.2% |
| 71.6% | 50.9 | 50.8 | -0.1 | -0.2% |
| 72.8% | 50.8 | 50.8 | -0.1 | -0.1% |
| 74.1% | 50.8 | 50.8 | 0.0 | -0.1% |
| 75.3% | 50.7 | 50.7 | 0.0 | -0.1% |
| 76.5% | 50.7 | 50.4 | -0.3 | -0.5% |
| 77.8% | 50.5 | 50.4 | -0.1 | -0.2% |
| 79.0% | 50.4 | 50.4 | 0.0 | -0.1% |
| 80.2% | 50.4 | 50.3 | 0.0 | 0.0% |
| 81.5% | 50.4 | 50.3 | 0.0 | 0.0% |
| 82.7% | 50.3 | 50.3 | 0.0 | 0.0% |
| 84.0% | 50.3 | 50.3 | -0.1 | -0.2% |
| 85.2% | 50.3 | 50.2 | 0.0 | 0.0% |
| 86.4% | 50.2 | 50.2 | 0.0 | 0.1% |
| 87.7% | 50.2 | 50.2 | 0.1 | 0.1% |
| 88.9% | 50.1 | 50.0 | -0.1 | -0.2% |
| 90.1% | 50.1 | 50.0 | -0.1 | -0.2% |
| 91.4% | 50.1 | 49.9 | -0.1 | -0.2% |
| 92.6% | 49.7 | 49.7 | 0.0 | 0.0% |
| 93.8% | 49.7 | 49.7 | 0.0 | 0.0% |
| 95.1% | 49.7 | 49.7 | 0.0 | 0.0% |
| 96.3% | 49.7 | 49.6 | 0.0 | -0.1% |
| 97.5% | 49.6 | 49.5 | -0.2 | -0.4% |
| 98.8% | 49.4 | 49.3 | -0.1 | -0.2% |
| 100.0% | 49.4 | 49.3 | -0.1 | -0.2% |

| July | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 57.6 | 57.7 | 0.1 | 0.3% |
| 1.2% | 57.3 | 57.3 | 0.0 | 0.0% |
| 2.5% | 57.2 | 57.1 | 0.0 | -0.1% |
| 3.7% | 57.1 | 57.0 | -0.1 | -0.1% |
| 4.9% | 57.0 | 57.0 | 0.0 | 0.0% |
| 6.2% | 57.0 | 57.0 | 0.0 | 0.0% |
| 7.4% | 56.9 | 56.9 | 0.0 | 0.0% |
| 8.6% | 56.9 | 56.7 | -0.2 | -0.4% |
| 9.9% | 56.7 | 56.7 | 0.0 | 0.0% |
| 11.1% | 56.6 | 56.6 | 0.0 | 0.0% |
| 12.3% | 56.6 | 56.4 | -0.1 | -0.3% |
| 13.6% | 56.4 | 56.3 | 0.0 | -0.1% |
| 14.8% | 56.2 | 56.3 | 0.1 | 0.3% |
| 16.0% | 56.2 | 56.3 | 0.1 | 0.2% |
| 17.3% | 56.2 | 56.2 | 0.0 | 0.0% |
| 18.5% | 56.2 | 56.2 | 0.0 | 0.0% |
| 19.8% | 56.1 | 56.2 | 0.0 | 0.0% |
| 21.0% | 56.0 | 56.1 | 0.1 | 0.2% |
| 22.2% | 56.0 | 56.0 | -0.1 | -0.1% |
| 23.5% | 56.0 | 56.0 | 0.0 | -0.1% |
| 24.7% | 56.0 | 55.8 | -0.1 | -0.2% |
| 25.9% | 55.9 | 55.8 | -0.1 | -0.2% |
| 27.2% | 55.8 | 55.7 | -0.1 | -0.2% |
| 28.4% | 55.8 | 55.7 | -0.1 | -0.1% |
| 29.6% | 55.7 | 55.7 | -0.1 | -0.1% |
| 30.9% | 55.7 | 55.6 | -0.1 | -0.1% |
| 32.1% | 55.7 | 55.6 | 0.0 | 0.0% |
| 33.3% | 55.6 | 55.6 | 0.0 | 0.0% |
| 34.6% | 55.6 | 55.6 | 0.0 | 0.0% |
| 35.8% | 55.6 | 55.6 | 0.0 | 0.0% |
| 37.0% | 55.5 | 55.6 | 0.0 | 0.0% |
| 38.3% | 55.5 | 55.5 | 0.0 | 0.0% |
| 39.5% | 55.5 | 55.5 | 0.0 | 0.0% |
| 40.7% | 55.5 | 55.5 | 0.0 | 0.1% |
| 42.0% | 55.4 | 55.5 | 0.1 | 0.1% |
| 43.2% | 55.4 | 55.5 | 0.1 | 0.1% |
| 44.4% | 55.4 | 55.4 | 0.0 | 0.0% |
| 45.7% | 55.3 | 55.3 | 0.0 | 0.0% |
| 46.9% | 55.3 | 55.3 | 0.0 | 0.0% |
| 48.1% | 55.2 | 55.2 | 0.0 | 0.1% |
| 49.4% | 55.2 | 55.2 | 0.0 | 0.0% |
| 50.6% | 55.2 | 55.1 | -0.1 | -0.1% |
| 51.9% | 55.2 | 55.1 | -0.1 | -0.1% |
| 53.1% | 55.2 | 55.1 | -0.1 | -0.1% |
| 54.3% | 55.2 | 55.1 | 0.0 | -0.1% |
| 55.6% | 55.1 | 55.1 | -0.1 | -0.1% |
| 56.8% | 55.1 | 55.0 | -0.1 | -0.2% |
| 58.0% | 55.1 | 55.0 | -0.1 | -0.2% |
| 59.3% | 55.0 | 55.0 | 0.0 | 0.0% |
| 60.5% | 55.0 | 55.0 | 0.0 | 0.0% |
| 61.7% | 55.0 | 55.0 | 0.0 | 0.0% |
| 63.0% | 55.0 | 54.9 | 0.0 | 0.0% |
| 64.2% | 55.0 | 54.9 | 0.0 | -0.1% |
| 65.4% | 54.9 | 54.8 | -0.1 | -0.2% |
| 66.7% | 54.9 | 54.7 | -0.1 | -0.2% |
| 67.9% | 54.8 | 54.7 | -0.1 | -0.2% |
| 69.1% | 54.8 | 54.7 | -0.1 | -0.2% |
| 70.4% | 54.8 | 54.6 | -0.2 | -0.3% |
| 71.6% | 54.7 | 54.6 | -0.1 | -0.2% |
| 72.8% | 54.7 | 54.6 | -0.1 | -0.1% |
| 74.1% | 54.6 | 54.5 | -0.1 | -0.2% |
| 75.3% | 54.6 | 54.5 | -0.1 | -0.2% |
| 76.5% | 54.5 | 54.4 | 0.0 | -0.1% |
| 77.8% | 54.5 | 54.4 | -0.1 | -0.1% |
| 79.0% | 54.5 | 54.3 | -0.1 | -0.2% |
| 80.2% | 54.5 | 54.3 | -0.2 | -0.4% |
| 81.5% | 54.4 | 54.2 | -0.2 | -0.3% |
| 82.7% | 54.3 | 54.2 | -0.2 | -0.4% |
| 84.0% | 54.2 | 54.1 | -0.1 | -0.2% |
| 85.2% | 54.2 | 54.1 | -0.1 | -0.2% |
| 86.4% | 54.2 | 54.0 | -0.2 | -0.3% |
| 87.7% | 54.2 | 54.0 | -0.2 | -0.3% |
| 88.9% | 54.1 | 54.0 | -0.1 | -0.3% |
| 90.1% | 54.0 | 53.9 | -0.1 | -0.2% |
| 91.4% | 54.0 | 53.9 | -0.1 | -0.3% |
| 92.6% | 54.0 | 53.8 | -0.2 | -0.3% |
| 93.8% | 53.9 | 53.8 | -0.2 | -0.3% |
| 95.1% | 53.8 | 53.7 | 0.0 | -0.1% |
| 96.3% | 53.7 | 53.6 | -0.1 | -0.2% |
| 97.5% | 53.4 | 53.3 | -0.1 | -0.2% |
| 98.8% | 53.2 | 53.3 | 0.0 | 0.1% |
| 100.0% | 53.2 | 53.3 | 0.0 | 0.1% |

| August | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 60.6 | 59.8 | -0.9 | -1.4% |
| 1.2% | 58.0 | 58.0 | -0.1 | -0.1% |
| 2.5% | 57.4 | 57.5 | 0.1 | 0.2% |
| 3.7% | 57.4 | 57.3 | -0.1 | -0.2% |
| 4.9% | 56.9 | 57.0 | 0.1 | 0.1% |
| 6.2% | 56.9 | 57.0 | 0.1 | 0.2% |
| 7.4% | 56.8 | 56.8 | 0.0 | -0.1% |
| 8.6% | 56.7 | 56.7 | 0.0 | 0.0% |
| 9.9% | 56.7 | 56.7 | 0.0 | 0.1% |
| 11.1% | 56.7 | 56.7 | 0.0 | 0.0% |
| 12.3% | 56.7 | 56.7 | 0.0 | 0.0% |
| 13.6% | 56.7 | 56.7 | 0.0 | 0.0% |
| 14.8% | 56.5 | 56.7 | 0.1 | 0.2% |
| 16.0% | 56.5 | 56.6 | 0.1 | 0.2% |
| 17.3% | 56.5 | 56.4 | 0.0 | -0.1% |
| 18.5% | 56.5 | 56.4 | 0.0 | -0.1% |
| 19.8% | 56.5 | 56.4 | -0.1 | -0.1% |
| 21.0% | 56.3 | 56.2 | -0.1 | -0.2% |
| 22.2% | 56.3 | 56.2 | -0.1 | -0.2% |
| 23.5% | 56.3 | 56.2 | -0.1 | -0.1% |
| 24.7% | 56.2 | 56.2 | 0.0 | 0.0% |
| 25.9% | 56.1 | 56.2 | 0.0 | 0.0% |
| 27.2% | 56.1 | 56.1 | 0.0 | -0.1% |
| 28.4% | 56.1 | 56.1 | 0.0 | 0.0% |
| 29.6% | 56.0 | 56.0 | -0.1 | -0.1% |
| 30.9% | 56.0 | 55.9 | -0.1 | -0.2% |
| 32.1% | 56.0 | 55.9 | -0.1 | -0.1% |
| 33.3% | 56.0 | 55.8 | -0.2 | -0.4% |
| 34.6% | 55.9 | 55.7 | -0.1 | -0.3% |
| 35.8% | 55.8 | 55.7 | -0.1 | -0.2% |
| 37.0% | 55.8 | 55.7 | -0.1 | -0.2% |
| 38.3% | 55.7 | 55.6 | -0.1 | -0.1% |
| 39.5% | 55.7 | 55.6 | -0.1 | -0.2% |
| 40.7% | 55.6 | 55.6 | -0.1 | -0.1% |
| 42.0% | 55.6 | 55.6 | -0.1 | -0.1% |
| 43.2% | 55.6 | 55.5 | -0.1 | -0.3% |
| 44.4% | 55.6 | 55.4 | -0.1 | -0.2% |
| 45.7% | 55.6 | 55.4 | -0.1 | -0.2% |
| 46.9% | 55.5 | 55.3 | -0.2 | -0.4% |
| 48.1% | 55.5 | 55.3 | -0.2 | -0.4% |
| 49.4% | 55.4 | 55.3 | -0.1 | -0.2% |
| 50.6% | 55.3 | 55.3 | -0.1 | -0.1% |
| 51.9% | 55.3 | 55.2 | -0.1 | -0.1% |
| 53.1% | 55.3 | 55.2 | -0.1 | -0.1% |
| 54.3% | 55.3 | 55.2 | -0.1 | -0.1% |
| 55.6% | 55.3 | 55.1 | -0.2 | -0.3% |
| 56.8% | 55.3 | 55.1 | -0.2 | -0.3% |
| 58.0% | 55.2 | 55.1 | -0.2 | -0.3% |
| 59.3% | 55.2 | 55.0 | -0.2 | -0.4% |
| 60.5% | 55.2 | 54.9 | -0.3 | -0.5% |
| 61.7% | 55.1 | 54.9 | -0.2 | -0.3% |
| 63.0% | 55.0 | 54.9 | -0.1 | -0.3% |
| 64.2% | 55.0 | 54.9 | -0.1 | -0.3% |
| 65.4% | 54.9 | 54.8 | -0.1 | -0.2% |
| 66.7% | 54.9 | 54.8 | -0.1 | -0.1% |
| 67.9% | 54.9 | 54.8 | -0.1 | -0.2% |
| 69.1% | 54.9 | 54.7 | -0.2 | -0.3% |
| 70.4% | 54.8 | 54.7 | -0.2 | -0.3% |
| 71.6% | 54.8 | 54.7 | -0.2 | -0.3% |
| 72.8% | 54.7 | 54.7 | -0.1 | -0.1% |
| 74.1% | 54.7 | 54.6 | -0.1 | -0.2% |
| 75.3% | 54.7 | 54.5 | -0.1 | -0.3% |
| 76.5% | 54.6 | 54.5 | -0.2 | -0.3% |
| 77.8% | 54.5 | 54.4 | -0.1 | -0.2% |
| 79.0% | 54.5 | 54.4 | -0.1 | -0.2% |
| 80.2% | 54.5 | 54.3 | -0.2 | -0.4% |
| 81.5% | 54.5 | 54.3 | -0.2 | -0.4% |
| 82.7% | 54.4 | 54.3 | -0.2 | -0.3% |
| 84.0% | 54.4 | 54.2 | -0.2 | -0.4% |
| 85.2% | 54.4 | 54.2 | -0.2 | -0.4% |
| 86.4% | 54.4 | 54.1 | -0.3 | -0.5% |
| 87.7% | 54.4 | 54.0 | -0.3 | -0.6% |
| 88.9% | 54.3 | 54.0 | -0.3 | -0.6% |
| 90.1% | 54.3 | 54.0 | -0.3 | -0.6% |
| 91.4% | 54.2 | 54.0 | -0.3 | -0.5% |
| 92.6% | 54.2 | 53.9 | -0.4 | -0.7% |
| 93.8% | 54.2 | 53.7 | -0.5 | -0.8% |
| 95.1% | 54.2 | 53.7 | -0.4 | -0.8% |
| 96.3% | 54.1 | 53.6 | -0.5 | -0.9% |
| 97.5% | 53.7 | 53.6 | -0.1 | -0.3% |
| 98.8% | 53.5 | 53.5 | 0.0 | -0.1% |
| 100.0% | 53.5 | 53.5 | 0.0 | -0.1% |

| September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 62.8 | 61.6 | -1.2 | -1.8% |
| 1.2% | 58.2 | 58.1 | -0.2 | -0.3% |
| 2.5% | 57.4 | 57.4 | 0.0 | 0.0% |
| 3.7% | 57.3 | 57.3 | 0.0 | 0.0% |
| 4.9% | 56.0 | 55.9 | -0.1 | -0.2% |
| 6.2% | 55.9 | 55.8 | -0.1 | -0.2% |
| 7.4% | 55.9 | 55.6 | -0.3 | -0.6% |
| 8.6% | 55.5 | 55.3 | -0.1 | -0.3% |
| 9.9% | 55.3 | 55.3 | 0.0 | 0.1% |
| 11.1% | 55.2 | 55.3 | 0.1 | 0.1% |
| 12.3% | 55.2 | 55.2 | 0.0 | 0.0% |
| 13.6% | 55.2 | 55.2 | 0.0 | -0.1% |
| 14.8% | 55.1 | 55.1 | 0.0 | 0.0% |
| 16.0% | 55.0 | 55.1 | 0.1 | 0.2% |
| 17.3% | 55.0 | 55.1 | 0.1 | 0.2% |
| 18.5% | 54.9 | 54.9 | 0.0 | 0.1% |
| 19.8% | 54.9 | 54.9 | 0.0 | 0.0% |
| 21.0% | 54.9 | 54.7 | -0.1 | -0.2% |
| 22.2% | 54.6 | 54.7 | 0.1 | 0.2% |
| 23.5% | 54.5 | 54.6 | 0.1 | 0.2% |
| 24.7% | 54.5 | 54.5 | 0.0 | 0.1% |
| 25.9% | 54.4 | 54.5 | 0.1 | 0.2% |
| 27.2% | 54.3 | 54.1 | -0.2 | -0.4% |
| 28.4% | 54.1 | 54.0 | -0.1 | -0.2% |
| 29.6% | 54.1 | 54.0 | -0.1 | -0.2% |
| 30.9% | 54.1 | 53.9 | -0.2 | -0.3% |
| 32.1% | 54.0 | 53.8 | -0.2 | -0.3% |
| 33.3% | 53.9 | 53.8 | -0.1 | -0.2% |
| 34.6% | 53.9 | 53.7 | -0.2 | -0.3% |
| 35.8% | 53.9 | 53.7 | -0.2 | -0.3% |
| 37.0% | 53.8 | 53.7 | -0.1 | -0.3% |
| 38.3% | 53.7 | 53.6 | -0.1 | -0.1% |
| 39.5% | 53.7 | 53.5 | -0.2 | -0.3% |
| 40.7% | 53.7 | 53.4 | -0.2 | -0.4% |
| 42.0% | 53.6 | 53.4 | -0.3 | -0.5% |
| 43.2% | 53.6 | 53.3 | -0.3 | -0.6% |
| 44.4% | 53.5 | 53.3 | -0.2 | -0.4% |
| 45.7% | 53.5 | 53.2 | -0.2 | -0.5% |
| 46.9% | 53.5 | 53.2 | -0.2 | -0.4% |
| 48.1% | 53.4 | 53.2 | -0.3 | -0.5% |
| 49.4% | 53.3 | 53.2 | -0.2 | -0.4% |
| 50.6% | 53.2 | 53.1 | -0.1 | -0.2% |
| 51.9% | 53.2 | 53.1 | -0.1 | -0.2% |
| 53.1% | 53.2 | 53.1 | -0.1 | -0.2% |
| 54.3% | 53.1 | 52.9 | -0.2 | -0.4% |
| 55.6% | 53.1 | 52.9 | -0.2 | -0.4% |
| 56.8% | 53.0 | 52.9 | -0.2 | -0.3% |
| 58.0% | 53.0 | 52.8 | -0.1 | -0.3% |
| 59.3% | 52.9 | 52.8 | -0.1 | -0.2% |
| 60.5% | 52.9 | 52.8 | -0.1 | -0.2% |
| 61.7% | 52.9 | 52.7 | -0.2 | -0.3% |
| 63.0% | 52.8 | 52.7 | -0.1 | -0.2% |
| 64.2% | 52.5 | 52.6 | 0.1 | 0.2% |
| 65.4% | 52.5 | 52.4 | -0.1 | -0.1% |
| 66.7% | 52.4 | 52.4 | 0.0 | 0.0% |
| 67.9% | 52.4 | 52.4 | 0.0 | 0.0% |
| 69.1% | 52.4 | 52.4 | 0.0 | -0.1% |
| 70.4% | 52.4 | 52.3 | -0.1 | -0.2% |
| 71.6% | 52.4 | 52.3 | -0.2 | -0.3% |
| 72.8% | 52.4 | 52.2 | -0.2 | -0.3% |
| 74.1% | 52.4 | 52.2 | -0.2 | -0.4% |
| 75.3% | 52.4 | 52.1 | -0.2 | -0.5% |
| 76.5% | 52.4 | 52.1 | -0.2 | -0.4% |
| 77.8% | 52.3 | 52.1 | -0.2 | -0.3% |
| 79.0% | 52.2 | 52.1 | -0.1 | -0.2% |
| 80.2% | 52.1 | 52.0 | -0.1 | -0.2% |
| 81.5% | 52.1 | 52.0 | -0.1 | -0.2% |
| 82.7% | 52.1 | 52.0 | -0.1 | -0.2% |
| 84.0% | 52.0 | 52.0 | -0.1 | -0.1% |
| 85.2% | 52.0 | 51.8 | -0.1 | -0.2% |
| 86.4% | 51.9 | 51.8 | -0.1 | -0.2% |
| 87.7% | 51.9 | 51.8 | -0.1 | -0.2% |
| 88.9% | 51.8 | 51.7 | -0.2 | -0.3% |
| 90.1% | 51.8 | 51.6 | -0.2 | -0.4% |
| 91.4% | 51.8 | 51.6 | -0.2 | -0.5% |
| 92.6% | 51.6 | 51.5 | -0.1 | -0.2% |
| 93.8% | 51.6 | 51.3 | -0.3 | -0.6% |
| 95.1% | 51.3 | 51.2 | -0.1 | -0.3% |
| 96.3% | 51.3 | 51.1 | -0.2 | -0.4% |
| 97.5% | 51.2 | 51.1 | -0.1 | -0.1% |
| 98.8% | 51.0 | 51.0 | 0.0 | 0.0% |
| 100.0% | 51.0 | 51.0 | 0.0 | 0.0% |

## Table SQ14-1b

**Clear Creek at Igo, Monthly Temperature**

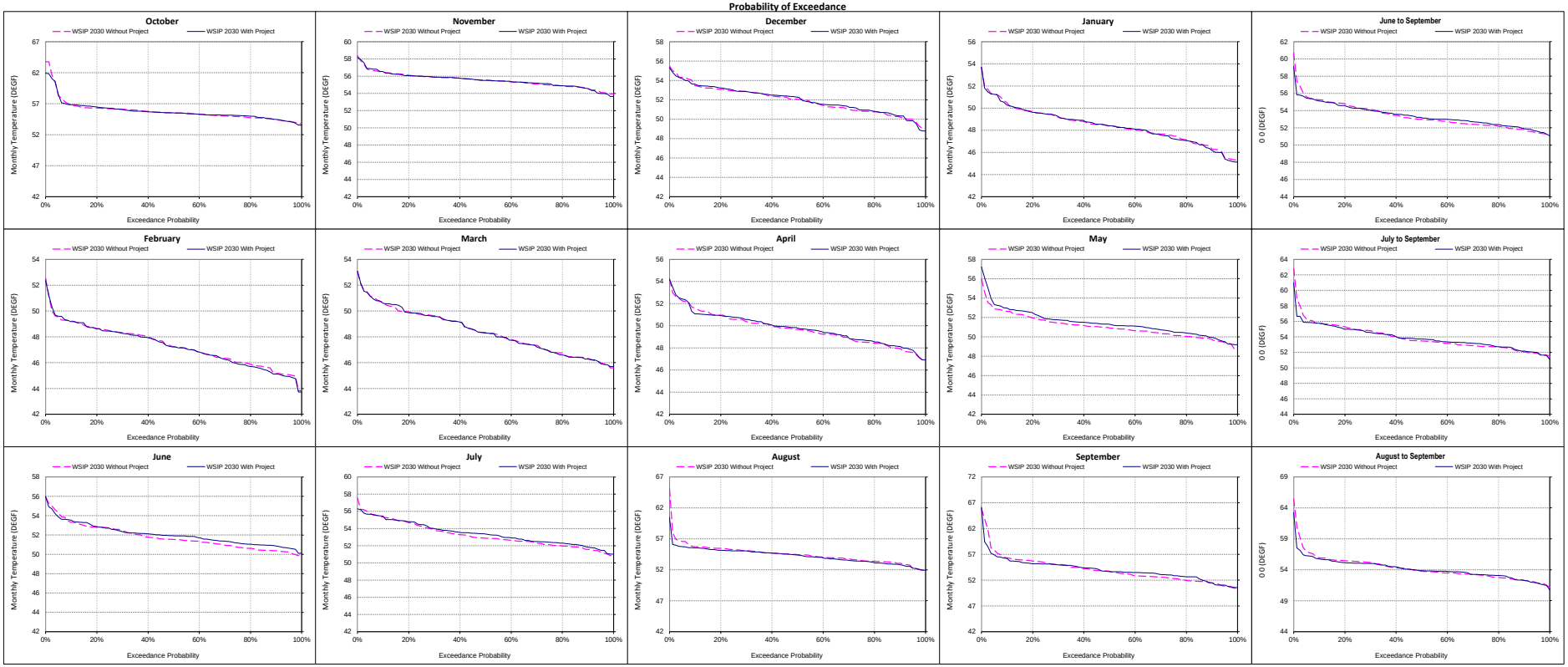
**Probability of Exceedance**

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 59.0 | 58.4 | -0.6 | -1.0% |
| 1.2% | 56.9 | 56.9 | 0.1 | 0.2% |
| 2.5% | 56.6 | 56.6 | -0.1 | -0.1% |
| 3.7% | 56.3 | 56.3 | 0.0 | 0.0% |
| 4.9% | 56.2 | 56.2 | 0.0 | 0.0% |
| 6.2% | 55.9 | 55.8 | 0.0 | -0.1% |
| 7.4% | 55.7 | 55.7 | -0.1 | -0.1% |
| 8.6% | 55.5 | 55.6 | 0.0 | 0.0% |
| 9.9% | 55.5 | 55.4 | -0.1 | -0.3% |
| 11.1% | 55.5 | 55.4 | -0.1 | -0.3% |
| 12.3% | 55.4 | 55.3 | -0.1 | -0.1% |
| 13.6% | 55.4 | 55.3 | -0.1 | -0.1% |
| 14.8% | 55.3 | 55.3 | 0.0 | 0.0% |
| 16.0% | 55.0 | 55.3 | 0.2 | 0.4% |
| 17.3% | 55.0 | 55.2 | 0.2 | 0.4% |
| 18.5% | 55.0 | 55.1 | 0.1 | 0.3% |
| 19.8% | 54.9 | 55.1 | 0.1 | 0.2% |
| 21.0% | 54.9 | 54.9 | 0.1 | 0.1% |
| 22.2% | 54.8 | 54.8 | 0.0 | -0.1% |
| 23.5% | 54.8 | 54.8 | 0.0 | -0.1% |
| 24.7% | 54.7 | 54.7 | 0.0 | 0.0% |
| 25.9% | 54.7 | 54.5 | -0.2 | -0.3% |
| 27.2% | 54.6 | 54.5 | -0.1 | -0.1% |
| 28.4% | 54.5 | 54.4 | -0.1 | -0.2% |
| 29.6% | 54.5 | 54.4 | -0.1 | -0.2% |
| 30.9% | 54.4 | 54.3 | -0.1 | -0.2% |
| 32.1% | 54.4 | 54.3 | -0.1 | -0.2% |
| 33.3% | 54.4 | 54.3 | -0.1 | -0.1% |
| 34.6% | 54.3 | 54.3 | -0.1 | -0.1% |
| 35.8% | 54.3 | 54.3 | 0.0 | 0.0% |
| 37.0% | 54.3 | 54.2 | -0.1 | -0.1% |
| 38.3% | 54.3 | 54.1 | -0.1 | -0.3% |
| 39.5% | 54.2 | 54.1 | -0.1 | -0.2% |
| 40.7% | 54.2 | 54.1 | -0.2 | -0.3% |
| 42.0% | 54.2 | 54.0 | -0.1 | -0.2% |
| 43.2% | 54.1 | 54.0 | 0.0 | 0.0% |
| 44.4% | 54.0 | 54.0 | 0.0 | 0.0% |
| 45.7% | 54.0 | 54.0 | 0.0 | 0.0% |
| 46.9% | 54.0 | 53.9 | -0.1 | -0.2% |
| 48.1% | 54.0 | 53.9 | -0.1 | -0.1% |
| 49.4% | 53.9 | 53.9 | 0.0 | 0.0% |
| 50.6% | 53.9 | 53.8 | -0.1 | -0.2% |
| 51.9% | 53.9 | 53.8 | -0.1 | -0.2% |
| 53.1% | 53.9 | 53.7 | -0.2 | -0.3% |
| 54.3% | 53.9 | 53.6 | -0.3 | -0.5% |
| 55.6% | 53.7 | 53.6 | -0.1 | -0.1% |
| 56.8% | 53.6 | 53.6 | 0.0 | -0.1% |
| 58.0% | 53.6 | 53.5 | -0.1 | -0.1% |
| 59.3% | 53.6 | 53.5 | -0.1 | -0.1% |
| 60.5% | 53.5 | 53.4 | -0.1 | -0.2% |
| 61.7% | 53.5 | 53.3 | -0.1 | -0.2% |
| 63.0% | 53.4 | 53.3 | -0.1 | -0.2% |
| 64.2% | 53.4 | 53.3 | -0.1 | -0.3% |
| 65.4% | 53.4 | 53.2 | -0.1 | -0.3% |
| 66.7% | 53.4 | 53.2 | -0.1 | -0.2% |
| 67.9% | 53.3 | 53.2 | -0.1 | -0.1% |
| 69.1% | 53.3 | 53.1 | -0.1 | -0.2% |
| 70.4% | 53.2 | 53.1 | -0.1 | -0.1% |
| 71.6% | 53.2 | 53.1 | -0.1 | -0.1% |
| 72.8% | 53.2 | 53.1 | -0.1 | -0.1% |
| 74.1% | 53.1 | 53.1 | 0.0 | -0.1% |
| 75.3% | 53.1 | 53.1 | -0.1 | -0.1% |
| 76.5% | 53.1 | 53.0 | -0.1 | -0.1% |
| 77.8% | 53.1 | 53.0 | -0.1 | -0.2% |
| 79.0% | 53.1 | 52.8 | -0.2 | -0.4% |
| 80.2% | 53.1 | 52.7 | -0.3 | -0.6% |
| 81.5% | 53.0 | 52.7 | -0.3 | -0.6% |
| 82.7% | 52.9 | 52.7 | -0.3 | -0.5% |
| 84.0% | 52.7 | 52.6 | -0.1 | -0.2% |
| 85.2% | 52.7 | 52.6 | -0.1 | -0.2% |
| 86.4% | 52.7 | 52.6 | -0.1 | -0.2% |
| 87.7% | 52.7 | 52.5 | -0.1 | -0.2% |
| 88.9% | 52.7 | 52.5 | -0.2 | -0.4% |
| 90.1% | 52.6 | 52.5 | -0.2 | -0.4% |
| 91.4% | 52.5 | 52.4 | -0.1 | -0.2% |
| 92.6% | 52.5 | 52.4 | -0.1 | -0.1% |
| 93.8% | 52.5 | 52.4 | -0.1 | -0.2% |
| 95.1% | 52.5 | 52.3 | -0.1 | -0.3% |
| 96.3% | 52.4 | 52.2 | -0.2 | -0.4% |
| 97.5% | 52.4 | 52.2 | -0.2 | -0.4% |
| 98.8% | 52.0 | 52.0 | 0.0 | 0.0% |
| 100.0% | 51.4 | 51.2 | -0.2 | -0.4% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 60.1 | 59.4 | -0.8 | -1.3% |
| 1.2% | 57.4 | 57.3 | 0.0 | -0.1% |
| 2.5% | 57.1 | 57.0 | -0.1 | -0.1% |
| 3.7% | 56.8 | 56.8 | 0.0 | 0.0% |
| 4.9% | 56.8 | 56.8 | 0.0 | 0.0% |
| 6.2% | 56.6 | 56.7 | 0.1 | 0.2% |
| 7.4% | 56.5 | 56.5 | -0.1 | -0.1% |
| 8.6% | 56.4 | 56.2 | -0.1 | -0.2% |
| 9.9% | 56.2 | 56.2 | 0.0 | 0.1% |
| 11.1% | 56.2 | 56.1 | 0.0 | -0.1% |
| 12.3% | 56.1 | 56.1 | 0.1 | 0.1% |
| 13.6% | 55.9 | 56.1 | 0.2 | 0.3% |
| 14.8% | 55.9 | 56.1 | 0.2 | 0.4% |
| 16.0% | 55.9 | 55.8 | -0.1 | -0.2% |
| 17.3% | 55.8 | 55.8 | -0.1 | -0.1% |
| 18.5% | 55.7 | 55.8 | 0.0 | 0.0% |
| 19.8% | 55.7 | 55.6 | -0.1 | -0.1% |
| 21.0% | 55.7 | 55.6 | -0.1 | -0.1% |
| 22.2% | 55.6 | 55.6 | 0.0 | 0.0% |
| 23.5% | 55.5 | 55.5 | 0.0 | 0.0% |
| 24.7% | 55.5 | 55.5 | 0.0 | 0.0% |
| 25.9% | 55.4 | 55.5 | 0.1 | 0.2% |
| 27.2% | 55.3 | 55.4 | 0.0 | 0.0% |
| 28.4% | 55.3 | 55.3 | 0.0 | 0.0% |
| 29.6% | 55.3 | 55.3 | 0.0 | 0.0% |
| 30.9% | 55.3 | 55.2 | -0.1 | -0.1% |
| 32.1% | 55.2 | 55.1 | -0.1 | -0.2% |
| 33.3% | 55.1 | 55.1 | -0.1 | -0.1% |
| 34.6% | 55.1 | 55.1 | -0.1 | -0.1% |
| 35.8% | 55.1 | 55.1 | 0.0 | 0.0% |
| 37.0% | 55.0 | 55.1 | 0.0 | 0.0% |
| 38.3% | 55.0 | 55.0 | 0.0 | 0.0% |
| 39.5% | 55.0 | 54.9 | -0.1 | -0.2% |
| 40.7% | 54.9 | 54.8 | -0.1 | -0.2% |
| 42.0% | 54.9 | 54.8 | -0.1 | -0.2% |
| 43.2% | 54.9 | 54.8 | -0.1 | -0.2% |
| 44.4% | 54.9 | 54.8 | -0.1 | -0.2% |
| 45.7% | 54.9 | 54.7 | -0.1 | -0.2% |
| 46.9% | 54.8 | 54.7 | -0.1 | -0.3% |
| 48.1% | 54.8 | 54.7 | -0.1 | -0.3% |
| 49.4% | 54.8 | 54.6 | -0.2 | -0.3% |
| 50.6% | 54.8 | 54.5 | -0.2 | -0.4% |
| 51.9% | 54.7 | 54.5 | -0.2 | -0.4% |
| 53.1% | 54.6 | 54.5 | -0.1 | -0.2% |
| 54.3% | 54.5 | 54.4 | -0.1 | -0.1% |
| 55.6% | 54.5 | 54.3 | -0.1 | -0.3% |
| 56.8% | 54.4 | 54.3 | -0.2 | -0.3% |
| 58.0% | 54.4 | 54.2 | -0.2 | -0.4% |
| 59.3% | 54.4 | 54.1 | -0.3 | -0.5% |
| 60.5% | 54.3 | 54.1 | -0.1 | -0.2% |
| 61.7% | 54.2 | 54.1 | -0.1 | -0.2% |
| 63.0% | 54.2 | 54.1 | -0.1 | -0.2% |
| 64.2% | 54.2 | 54.1 | -0.2 | -0.3% |
| 65.4% | 54.2 | 54.0 | -0.1 | -0.3% |
| 66.7% | 54.1 | 54.0 | -0.1 | -0.2% |
| 67.9% | 54.1 | 53.9 | -0.2 | -0.4% |
| 69.1% | 54.0 | 53.9 | -0.1 | -0.2% |
| 70.4% | 54.0 | 53.9 | -0.1 | -0.2% |
| 71.6% | 53.9 | 53.9 | -0.1 | -0.1% |
| 72.8% | 53.9 | 53.8 | -0.1 | -0.2% |
| 74.1% | 53.9 | 53.8 | -0.1 | -0.2% |
| 75.3% | 53.9 | 53.8 | 0.0 | -0.1% |
| 76.5% | 53.8 | 53.8 | -0.1 | -0.2% |
| 77.8% | 53.8 | 53.7 | -0.1 | -0.2% |
| 79.0% | 53.8 | 53.6 | -0.2 | -0.3% |
| 80.2% | 53.8 | 53.5 | -0.2 | -0.4% |
| 81.5% | 53.7 | 53.5 | -0.3 | -0.5% |
| 82.7% | 53.7 | 53.4 | -0.2 | -0.4% |
| 84.0% | 53.6 | 53.4 | -0.2 | -0.4% |
| 85.2% | 53.6 | 53.4 | -0.2 | -0.4% |
| 86.4% | 53.5 | 53.3 | -0.2 | -0.3% |
| 87.7% | 53.5 | 53.3 | -0.2 | -0.4% |
| 88.9% | 53.5 | 53.3 | -0.2 | -0.3% |
| 90.1% | 53.4 | 53.3 | -0.2 | -0.3% |
| 91.4% | 53.4 | 53.2 | -0.2 | -0.5% |
| 92.6% | 53.4 | 53.2 | -0.2 | -0.5% |
| 93.8% | 53.3 | 53.1 | -0.2 | -0.3% |
| 95.1% | 53.3 | 53.1 | -0.2 | -0.3% |
| 96.3% | 53.3 | 53.1 | -0.1 | -0.3% |
| 97.5% | 53.1 | 53.1 | 0.0 | 0.0% |
| 98.8% | 52.9 | 52.8 | -0.1 | -0.1% |
| 100.0% | 52.4 | 52.1 | -0.3 | -0.5% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 61.7 | 60.7 | -1.0 | -1.6% |
| 1.2% | 57.7 | 57.7 | 0.0 | -0.1% |
| 2.5% | 57.6 | 57.4 | -0.1 | -0.2% |
| 3.7% | 57.1 | 57.1 | 0.0 | 0.0% |
| 4.9% | 56.7 | 56.7 | 0.0 | 0.1% |
| 6.2% | 56.3 | 56.4 | 0.1 | 0.1% |
| 7.4% | 56.2 | 56.1 | -0.1 | -0.1% |
| 8.6% | 56.1 | 56.1 | 0.0 | 0.0% |
| 9.9% | 56.1 | 56.0 | 0.0 | 0.0% |
| 11.1% | 56.0 | 56.0 | 0.0 | 0.0% |
| 12.3% | 56.0 | 55.9 | -0.1 | -0.1% |
| 13.6% | 55.8 | 55.9 | 0.1 | 0.2% |
| 14.8% | 55.8 | 55.9 | 0.1 | 0.2% |
| 16.0% | 55.8 | 55.8 | 0.1 | 0.1% |
| 17.3% | 55.8 | 55.8 | 0.0 | 0.1% |
| 18.5% | 55.7 | 55.6 | -0.1 | -0.1% |
| 19.8% | 55.5 | 55.5 | 0.0 | 0.0% |
| 21.0% | 55.5 | 55.5 | 0.0 | 0.0% |
| 22.2% | 55.5 | 55.5 | 0.0 | 0.0% |
| 23.5% | 55.4 | 55.5 | 0.1 | 0.1% |
| 24.7% | 55.4 | 55.3 | -0.1 | -0.2% |
| 25.9% | 55.3 | 55.2 | -0.2 | -0.3% |
| 27.2% | 55.1 | 55.1 | 0.1 | 0.1% |
| 28.4% | 55.1 | 55.1 | 0.0 | 0.0% |
| 29.6% | 55.0 | 55.1 | 0.1 | 0.1% |
| 30.9% | 55.0 | 54.9 | -0.1 | -0.2% |
| 32.1% | 55.0 | 54.8 | -0.2 | -0.3% |
| 33.3% | 54.9 | 54.8 | -0.1 | -0.2% |
| 34.6% | 54.8 | 54.8 | -0.1 | -0.1% |
| 35.8% | 54.8 | 54.7 | -0.1 | -0.1% |
| 37.0% | 54.7 | 54.7 | -0.1 | -0.1% |
| 38.3% | 54.7 | 54.6 | -0.1 | -0.1% |
| 39.5% | 54.7 | 54.6 | -0.1 | -0.1% |
| 40.7% | 54.7 | 54.5 | -0.2 | -0.3% |
| 42.0% | 54.7 | 54.5 | -0.2 | -0.4% |
| 43.2% | 54.6 | 54.4 | -0.3 | -0.5% |
| 44.4% | 54.6 | 54.4 | -0.3 | -0.5% |
| 45.7% | 54.5 | 54.3 | -0.2 | -0.4% |
| 46.9% | 54.5 | 54.3 | -0.2 | -0.3% |
| 48.1% | 54.4 | 54.3 | -0.2 | -0.3% |
| 49.4% | 54.4 | 54.2 | -0.1 | -0.2% |
| 50.6% | 54.3 | 54.2 | -0.1 | -0.2% |
| 51.9% | 54.3 | 54.0 | -0.2 | -0.4% |
| 53.1% | 54.3 | 54.0 | -0.2 | -0.4% |
| 54.3% | 54.2 | 54.0 | -0.2 | -0.4% |
| 55.6% | 54.2 | 54.0 | -0.2 | -0.3% |
| 56.8% | 54.1 | 53.9 | -0.2 | -0.3% |
| 58.0% | 54.1 | 53.9 | -0.2 | -0.3% |
| 59.3% | 54.1 | 53.9 | -0.2 | -0.4% |
| 60.5% | 53.9 | 53.9 | -0.1 | -0.2% |
| 61.7% | 53.9 | 53.8 | -0.1 | -0.3% |
| 63.0% | 53.8 | 53.7 | -0.1 | -0.2% |
| 64.2% | 53.8 | 53.7 | -0.1 | -0.1% |
| 65.4% | 53.8 | 53.6 | -0.2 | -0.4% |
| 66.7% | 53.8 | 53.5 | -0.2 | -0.4% |
| 67.9% | 53.6 | 53.5 | -0.1 | -0.2% |
| 69.1% | 53.6 | 53.5 | -0.1 | -0.2% |
| 70.4% | 53.5 | 53.4 | -0.1 | -0.2% |
| 71.6% | 53.5 | 53.4 | -0.1 | -0.2% |
| 72.8% | 53.5 | 53.4 | -0.1 | -0.2% |
| 74.1% | 53.5 | 53.4 | -0.1 | -0.2% |
| 75.3% | 53.5 | 53.3 | -0.2 | -0.3% |
| 76.5% | 53.5 | 53.2 | -0.3 | -0.5% |
| 77.8% | 53.4 | 53.2 | -0.2 | -0.4% |
| 79.0% | 53.4 | 53.2 | -0.2 | -0.5% |
| 80.2% | 53.4 | 53.2 | -0.2 | -0.4% |
| 81.5% | 53.4 | 53.2 | -0.2 | -0.4% |
| 82.7% | 53.3 | 53.2 | -0.2 | -0.3% |
| 84.0% | 53.3 | 53.2 | -0.1 | -0.2% |
| 85.2% | 53.3 | 53.1 | -0.1 | -0.3% |
| 86.4% | 53.3 | 53.0 | -0.3 | -0.5% |
| 87.7% | 53.2 | 53.0 | -0.3 | -0.5% |
| 88.9% | 53.2 | 53.0 | -0.3 | -0.5% |
| 90.1% | 53.1 | 52.9 | -0.2 | -0.3% |
| 91.4% | 53.0 | 52.9 | -0.1 | -0.3% |
| 92.6% | 52.9 | 52.8 | -0.2 | -0.3% |
| 93.8% | 52.9 | 52.6 | -0.3 | -0.5% |
| 95.1% | 52.8 | 52.6 | -0.2 | -0.5% |
| 96.3% | 52.8 | 52.6 | -0.3 | -0.5% |
| 97.5% | 52.7 | 52.5 | -0.2 | -0.4% |
| 98.8% | 52.4 | 52.4 | 0.0 | 0.0% |
| 100.0% | 52.0 | 51.7 | -0.3 | -0.5% |

**Figure SQ15-1b**
**Clear Creek at Mouth, Monthly Temperature**
**Probability of Exceedance**



## Table SQ15-1b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

| October | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 63.8 | 61.9 | -1.9 | -2.9% |
| 1.2% | 63.8 | 61.8 | -1.9 | -3.0% |
| 2.5% | 61.6 | 61.1 | -0.5 | -0.9% |
| 3.7% | 60.5 | 60.5 | 0.0 | 0.0% |
| 4.9% | 58.3 | 58.5 | 0.2 | 0.3% |
| 6.2% | 57.9 | 57.1 | -0.7 | -1.3% |
| 7.4% | 57.4 | 57.1 | -0.3 | -0.5% |
| 8.6% | 57.0 | 56.9 | -0.2 | -0.3% |
| 9.9% | 56.8 | 56.8 | 0.0 | 0.0% |
| 11.1% | 56.6 | 56.8 | 0.2 | 0.3% |
| 12.3% | 56.6 | 56.8 | 0.2 | 0.3% |
| 13.6% | 56.5 | 56.7 | 0.3 | 0.5% |
| 14.8% | 56.4 | 56.7 | 0.3 | 0.6% |
| 16.0% | 56.3 | 56.6 | 0.3 | 0.5% |
| 17.3% | 56.3 | 56.6 | 0.3 | 0.5% |
| 18.5% | 56.3 | 56.5 | 0.2 | 0.4% |
| 19.8% | 56.3 | 56.5 | 0.2 | 0.3% |
| 21.0% | 56.3 | 56.4 | 0.1 | 0.2% |
| 22.2% | 56.3 | 56.4 | 0.1 | 0.2% |
| 23.5% | 56.2 | 56.3 | 0.1 | 0.2% |
| 24.7% | 56.2 | 56.3 | 0.1 | 0.2% |
| 25.9% | 56.2 | 56.3 | 0.1 | 0.2% |
| 27.2% | 56.1 | 56.1 | 0.0 | 0.0% |
| 28.4% | 56.1 | 56.1 | 0.0 | 0.0% |
| 29.6% | 56.1 | 56.1 | 0.0 | 0.0% |
| 30.9% | 56.1 | 56.0 | -0.1 | -0.2% |
| 32.1% | 56.1 | 55.9 | -0.2 | -0.3% |
| 33.3% | 56.0 | 55.8 | -0.2 | -0.3% |
| 34.6% | 56.0 | 55.8 | -0.2 | -0.3% |
| 35.8% | 56.0 | 55.8 | -0.2 | -0.3% |
| 37.0% | 55.9 | 55.8 | -0.1 | -0.1% |
| 38.3% | 55.8 | 55.8 | -0.1 | -0.1% |
| 39.5% | 55.8 | 55.7 | -0.1 | -0.1% |
| 40.7% | 55.8 | 55.7 | -0.1 | -0.2% |
| 42.0% | 55.7 | 55.7 | 0.0 | 0.0% |
| 43.2% | 55.7 | 55.6 | 0.0 | 0.0% |
| 44.4% | 55.7 | 55.6 | -0.1 | -0.1% |
| 45.7% | 55.6 | 55.6 | -0.1 | -0.1% |
| 46.9% | 55.5 | 55.6 | 0.0 | 0.0% |
| 48.1% | 55.5 | 55.5 | 0.0 | 0.0% |
| 49.4% | 55.5 | 55.5 | 0.0 | 0.0% |
| 50.6% | 55.5 | 55.5 | 0.0 | 0.0% |
| 51.9% | 55.5 | 55.5 | 0.0 | 0.0% |
| 53.1% | 55.5 | 55.5 | 0.0 | 0.0% |
| 54.3% | 55.5 | 55.4 | -0.1 | -0.1% |
| 55.6% | 55.5 | 55.4 | -0.1 | -0.2% |
| 56.8% | 55.4 | 55.4 | -0.1 | -0.1% |
| 58.0% | 55.3 | 55.3 | 0.0 | 0.0% |
| 59.3% | 55.3 | 55.3 | 0.0 | 0.0% |
| 60.5% | 55.3 | 55.3 | 0.0 | 0.0% |
| 61.7% | 55.3 | 55.3 | 0.0 | -0.1% |
| 63.0% | 55.2 | 55.2 | 0.0 | 0.0% |
| 64.2% | 55.2 | 55.2 | 0.0 | 0.1% |
| 65.4% | 55.1 | 55.2 | 0.1 | 0.1% |
| 66.7% | 55.1 | 55.2 | 0.1 | 0.1% |
| 67.9% | 55.1 | 55.2 | 0.1 | 0.2% |
| 69.1% | 55.0 | 55.2 | 0.1 | 0.2% |
| 70.4% | 55.0 | 55.2 | 0.1 | 0.3% |
| 71.6% | 55.0 | 55.2 | 0.2 | 0.3% |
| 72.8% | 55.0 | 55.1 | 0.1 | 0.3% |
| 74.1% | 54.9 | 55.1 | 0.2 | 0.3% |
| 75.3% | 54.9 | 55.1 | 0.2 | 0.3% |
| 76.5% | 54.9 | 55.1 | 0.2 | 0.3% |
| 77.8% | 54.9 | 55.1 | 0.2 | 0.3% |
| 79.0% | 54.8 | 55.0 | 0.2 | 0.4% |
| 80.2% | 54.7 | 55.0 | 0.2 | 0.4% |
| 81.5% | 54.7 | 55.0 | 0.2 | 0.5% |
| 82.7% | 54.7 | 54.8 | 0.1 | 0.2% |
| 84.0% | 54.7 | 54.8 | 0.1 | 0.1% |
| 85.2% | 54.7 | 54.8 | 0.1 | 0.1% |
| 86.4% | 54.7 | 54.6 | -0.1 | -0.1% |
| 87.7% | 54.6 | 54.6 | 0.0 | -0.1% |
| 88.9% | 54.5 | 54.5 | 0.0 | 0.0% |
| 90.1% | 54.4 | 54.5 | 0.1 | 0.2% |
| 91.4% | 54.3 | 54.4 | 0.1 | 0.2% |
| 92.6% | 54.3 | 54.3 | 0.0 | -0.1% |
| 93.8% | 54.2 | 54.2 | 0.0 | -0.1% |
| 95.1% | 54.2 | 54.1 | -0.1 | -0.1% |
| 96.3% | 54.1 | 54.0 | -0.1 | -0.1% |
| 97.5% | 54.0 | 53.9 | -0.1 | -0.2% |
| 98.8% | 53.8 | 53.6 | -0.2 | -0.4% |
| 100.0% | 53.8 | 53.6 | 0.0 | -0.4% |

| November | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 58.4 | 58.2 | -0.2 | -0.3% |
| 1.2% | 57.8 | 57.9 | 0.1 | 0.2% |
| 2.5% | 57.4 | 57.5 | 0.1 | 0.2% |
| 3.7% | 56.8 | 56.9 | 0.1 | 0.2% |
| 4.9% | 56.7 | 56.9 | 0.2 | 0.3% |
| 6.2% | 56.6 | 56.8 | 0.2 | 0.3% |
| 7.4% | 56.6 | 56.8 | 0.2 | 0.3% |
| 8.6% | 56.5 | 56.6 | 0.0 | 0.1% |
| 9.9% | 56.5 | 56.5 | 0.0 | 0.0% |
| 11.1% | 56.4 | 56.4 | -0.1 | -0.1% |
| 12.3% | 56.4 | 56.4 | 0.0 | 0.0% |
| 13.6% | 56.3 | 56.2 | -0.1 | -0.1% |
| 14.8% | 56.3 | 56.2 | -0.1 | -0.1% |
| 16.0% | 56.3 | 56.2 | 0.0 | -0.1% |
| 17.3% | 56.2 | 56.2 | -0.1 | -0.1% |
| 18.5% | 56.2 | 56.1 | -0.1 | -0.3% |
| 19.8% | 56.1 | 56.1 | 0.0 | -0.1% |
| 21.0% | 56.1 | 56.0 | -0.1 | -0.1% |
| 22.2% | 56.0 | 56.0 | 0.0 | 0.0% |
| 23.5% | 56.0 | 56.0 | 0.0 | 0.0% |
| 24.7% | 56.0 | 56.0 | 0.0 | 0.0% |
| 25.9% | 56.0 | 56.0 | 0.0 | 0.1% |
| 27.2% | 55.9 | 56.0 | 0.0 | 0.1% |
| 28.4% | 55.9 | 55.9 | 0.0 | 0.0% |
| 29.6% | 55.9 | 55.9 | 0.0 | 0.0% |
| 30.9% | 55.9 | 55.9 | 0.0 | 0.0% |
| 32.1% | 55.9 | 55.9 | 0.0 | 0.0% |
| 33.3% | 55.9 | 55.9 | 0.0 | 0.0% |
| 34.6% | 55.8 | 55.9 | 0.0 | 0.0% |
| 35.8% | 55.8 | 55.8 | 0.0 | 0.0% |
| 37.0% | 55.8 | 55.8 | 0.0 | 0.0% |
| 38.3% | 55.8 | 55.8 | 0.0 | 0.0% |
| 39.5% | 55.8 | 55.8 | 0.0 | 0.0% |
| 40.7% | 55.8 | 55.7 | 0.0 | -0.1% |
| 42.0% | 55.7 | 55.7 | 0.0 | -0.1% |
| 43.2% | 55.7 | 55.7 | 0.0 | -0.1% |
| 44.4% | 55.6 | 55.7 | 0.0 | 0.0% |
| 45.7% | 55.6 | 55.6 | 0.0 | 0.1% |
| 46.9% | 55.6 | 55.6 | 0.0 | 0.0% |
| 48.1% | 55.6 | 55.5 | -0.1 | -0.1% |
| 49.4% | 55.6 | 55.5 | -0.1 | -0.1% |
| 50.6% | 55.6 | 55.5 | -0.1 | -0.1% |
| 51.9% | 55.5 | 55.5 | 0.0 | 0.0% |
| 53.1% | 55.5 | 55.5 | 0.0 | 0.0% |
| 54.3% | 55.4 | 55.5 | 0.0 | 0.0% |
| 55.6% | 55.4 | 55.4 | 0.0 | 0.0% |
| 56.8% | 55.4 | 55.4 | 0.0 | 0.0% |
| 58.0% | 55.4 | 55.4 | 0.1 | 0.1% |
| 59.3% | 55.4 | 55.4 | 0.0 | 0.1% |
| 60.5% | 55.3 | 55.3 | 0.0 | 0.0% |
| 61.7% | 55.3 | 55.3 | 0.0 | 0.0% |
| 63.0% | 55.3 | 55.3 | 0.0 | 0.0% |
| 64.2% | 55.3 | 55.3 | 0.0 | 0.0% |
| 65.4% | 55.2 | 55.3 | 0.1 | 0.2% |
| 66.7% | 55.2 | 55.2 | 0.0 | 0.1% |
| 67.9% | 55.1 | 55.2 | 0.1 | 0.1% |
| 69.1% | 55.1 | 55.2 | 0.1 | 0.2% |
| 70.4% | 55.1 | 55.2 | 0.1 | 0.2% |
| 71.6% | 55.0 | 55.1 | 0.1 | 0.2% |
| 72.8% | 55.0 | 55.1 | 0.1 | 0.2% |
| 74.1% | 55.0 | 55.1 | 0.2 | 0.3% |
| 75.3% | 55.0 | 55.1 | 0.1 | 0.2% |
| 76.5% | 55.0 | 54.9 | 0.0 | 0.0% |
| 77.8% | 54.9 | 54.9 | 0.0 | -0.1% |
| 79.0% | 54.9 | 54.9 | 0.0 | 0.0% |
| 80.2% | 54.9 | 54.9 | 0.0 | 0.0% |
| 81.5% | 54.8 | 54.9 | 0.1 | 0.1% |
| 82.7% | 54.8 | 54.9 | 0.1 | 0.1% |
| 84.0% | 54.8 | 54.8 | 0.1 | 0.1% |
| 85.2% | 54.8 | 54.8 | 0.1 | 0.1% |
| 86.4% | 54.7 | 54.7 | 0.0 | 0.0% |
| 87.7% | 54.7 | 54.7 | 0.0 | -0.1% |
| 88.9% | 54.6 | 54.6 | 0.0 | -0.1% |
| 90.1% | 54.5 | 54.5 | 0.0 | 0.0% |
| 91.4% | 54.4 | 54.4 | 0.0 | -0.1% |
| 92.6% | 54.4 | 54.3 | -0.1 | -0.2% |
| 93.8% | 54.3 | 54.0 | -0.3 | -0.6% |
| 95.1% | 54.1 | 54.0 | -0.1 | -0.2% |
| 96.3% | 54.1 | 54.0 | -0.1 | -0.2% |
| 97.5% | 54.0 | 53.9 | -0.1 | -0.2% |
| 98.8% | 53.9 | 53.6 | -0.3 | -0.6% |
| 100.0% | 53.9 | 53.6 | -0.3 | -0.6% |

| December | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 55.5 | 55.3 | -0.2 | -0.3% |
| 1.2% | 55.0 | 54.8 | -0.2 | -0.3% |
| 2.5% | 54.9 | 54.5 | -0.4 | -0.7% |
| 3.7% | 54.3 | 54.3 | 0.0 | 0.0% |
| 4.9% | 54.3 | 54.2 | -0.1 | -0.2% |
| 6.2% | 54.3 | 54.0 | -0.3 | -0.5% |
| 7.4% | 54.1 | 54.0 | -0.2 | -0.3% |
| 8.6% | 54.0 | 53.7 | -0.4 | -0.7% |
| 9.9% | 53.5 | 53.6 | 0.1 | 0.3% |
| 11.1% | 53.4 | 53.5 | 0.1 | 0.1% |
| 12.3% | 53.3 | 53.5 | 0.1 | 0.3% |
| 13.6% | 53.2 | 53.4 | 0.2 | 0.3% |
| 14.8% | 53.2 | 53.4 | 0.2 | 0.4% |
| 16.0% | 53.2 | 53.4 | 0.2 | 0.3% |
| 17.3% | 53.2 | 53.4 | 0.2 | 0.4% |
| 18.5% | 53.1 | 53.3 | 0.2 | 0.3% |
| 19.8% | 53.1 | 53.2 | 0.2 | 0.3% |
| 21.0% | 53.1 | 53.2 | 0.1 | 0.2% |
| 22.2% | 53.0 | 53.1 | 0.2 | 0.3% |
| 23.5% | 53.0 | 53.1 | 0.1 | 0.2% |
| 24.7% | 52.9 | 53.0 | 0.1 | 0.1% |
| 25.9% | 52.9 | 52.9 | 0.0 | -0.1% |
| 27.2% | 52.9 | 52.9 | 0.0 | -0.1% |
| 28.4% | 52.9 | 52.9 | 0.0 | 0.0% |
| 29.6% | 52.9 | 52.9 | 0.0 | 0.0% |
| 30.9% | 52.8 | 52.8 | 0.1 | 0.1% |
| 32.1% | 52.8 | 52.8 | 0.0 | 0.0% |
| 33.3% | 52.7 | 52.7 | 0.0 | 0.0% |
| 34.6% | 52.7 | 52.7 | 0.0 | 0.0% |
| 35.8% | 52.7 | 52.6 | 0.0 | 0.0% |
| 37.0% | 52.6 | 52.6 | 0.0 | 0.0% |
| 38.3% | 52.4 | 52.6 | 0.1 | 0.2% |
| 39.5% | 52.4 | 52.5 | 0.1 | 0.2% |
| 40.7% | 52.4 | 52.5 | 0.1 | 0.2% |
| 42.0% | 52.3 | 52.5 | 0.1 | 0.2% |
| 43.2% | 52.3 | 52.4 | 0.1 | 0.3% |
| 44.4% | 52.3 | 52.4 | 0.1 | 0.2% |
| 45.7% | 52.3 | 52.4 | 0.1 | 0.2% |
| 46.9% | 52.1 | 52.4 | 0.3 | 0.5% |
| 48.1% | 52.1 | 52.3 | 0.3 | 0.5% |
| 49.4% | 52.1 | 52.3 | 0.2 | 0.4% |
| 50.6% | 52.0 | 52.2 | 0.2 | 0.4% |
| 51.9% | 52.0 | 51.9 | -0.1 | -0.2% |
| 53.1% | 52.0 | 51.8 | -0.1 | -0.3% |
| 54.3% | 51.9 | 51.8 | -0.1 | -0.2% |
| 55.6% | 51.7 | 51.7 | 0.1 | 0.1% |
| 56.8% | 51.6 | 51.7 | 0.1 | 0.2% |
| 58.0% | 51.6 | 51.6 | 0.0 | 0.0% |
| 59.3% | 51.5 | 51.5 | 0.1 | 0.1% |
| 60.5% | 51.4 | 51.5 | 0.2 | 0.3% |
| 61.7% | 51.3 | 51.5 | 0.2 | 0.4% |
| 63.0% | 51.3 | 51.5 | 0.2 | 0.4% |
| 64.2% | 51.2 | 51.5 | 0.2 | 0.5% |
| 65.4% | 51.2 | 51.5 | 0.2 | 0.5% |
| 66.7% | 51.2 | 51.5 | 0.2 | 0.5% |
| 67.9% | 51.2 | 51.4 | 0.2 | 0.4% |
| 69.1% | 51.1 | 51.4 | 0.3 | 0.5% |
| 70.4% | 51.0 | 51.2 | 0.2 | 0.5% |
| 71.6% | 50.9 | 51.2 | 0.3 | 0.6% |
| 72.8% | 50.9 | 51.2 | 0.3 | 0.5% |
| 74.1% | 50.9 | 51.0 | 0.1 | 0.1% |
| 75.3% | 50.8 | 51.0 | 0.1 | 0.2% |
| 76.5% | 50.8 | 50.9 | 0.1 | 0.2% |
| 77.8% | 50.8 | 50.9 | 0.1 | 0.2% |
| 79.0% | 50.8 | 50.9 | 0.1 | 0.2% |
| 80.2% | 50.8 | 50.8 | 0.0 | 0.1% |
| 81.5% | 50.7 | 50.7 | 0.0 | 0.0% |
| 82.7% | 50.6 | 50.7 | 0.1 | 0.2% |
| 84.0% | 50.6 | 50.7 | 0.1 | 0.2% |
| 85.2% | 50.4 | 50.7 | 0.2 | 0.5% |
| 86.4% | 50.4 | 50.6 | 0.2 | 0.4% |
| 87.7% | 50.3 | 50.4 | 0.1 | 0.3% |
| 88.9% | 50.3 | 50.4 | 0.1 | 0.2% |
| 90.1% | 50.2 | 50.3 | 0.1 | 0.2% |
| 91.4% | 50.1 | 50.3 | 0.2 | 0.5% |
| 92.6% | 50.0 | 49.9 | -0.2 | -0.3% |
| 93.8% | 50.0 | 49.8 | -0.2 | -0.3% |
| 95.1% | 50.0 | 49.8 | -0.2 | -0.3% |
| 96.3% | 49.7 | 49.5 | -0.2 | -0.3% |
| 97.5% | 49.3 | 48.9 | -0.4 | -0.8% |
| 98.8% | 49.1 | 48.8 | -0.3 | -0.6% |
| 100.0% | 49.1 | 48.8 | -0.3 | -0.6% |

| January | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 53.7 | 53.7 | 0.0 | 0.0% |
| 1.2% | 51.9 | 51.8 | -0.1 | -0.2% |
| 2.5% | 51.7 | 51.5 | -0.2 | -0.5% |
| 3.7% | 51.3 | 51.3 | 0.0 | -0.1% |
| 4.9% | 51.3 | 51.2 | -0.1 | -0.1% |
| 6.2% | 51.2 | 51.2 | 0.0 | 0.0% |
| 7.4% | 51.0 | 50.6 | -0.4 | -0.7% |
| 8.6% | 50.7 | 50.6 | -0.2 | -0.3% |
| 9.9% | 50.5 | 50.3 | -0.2 | -0.4% |
| 11.1% | 50.1 | 50.2 | 0.1 | 0.1% |
| 12.3% | 50.1 | 50.1 | 0.0 | 0.0% |
| 13.6% | 50.0 | 50.0 | 0.1 | 0.2% |
| 14.8% | 49.9 | 50.0 | 0.1 | 0.2% |
| 16.0% | 49.8 | 49.9 | 0.1 | 0.1% |
| 17.3% | 49.8 | 49.8 | 0.0 | 0.0% |
| 18.5% | 49.8 | 49.7 | -0.1 | -0.1% |
| 19.8% | 49.7 | 49.6 | -0.1 | -0.1% |
| 21.0% | 49.6 | 49.6 | 0.0 | 0.1% |
| 22.2% | 49.6 | 49.6 | 0.0 | 0.0% |
| 23.5% | 49.6 | 49.5 | 0.0 | 0.0% |
| 24.7% | 49.5 | 49.5 | 0.0 | 0.0% |
| 25.9% | 49.5 | 49.4 | 0.0 | -0.1% |
| 27.2% | 49.5 | 49.4 | 0.0 | 0.0% |
| 28.4% | 49.3 | 49.4 | 0.1 | 0.2% |
| 29.6% | 49.2 | 49.3 | 0.1 | 0.2% |
| 30.9% | 49.1 | 49.1 | 0.0 | 0.0% |
| 32.1% | 49.1 | 49.1 | 0.0 | 0.0% |
| 33.3% | 48.9 | 49.0 | 0.1 | 0.1% |
| 34.6% | 48.9 | 49.0 | 0.1 | 0.1% |
| 35.8% | 48.9 | 49.0 | 0.1 | 0.2% |
| 37.0% | 48.8 | 48.9 | 0.1 | 0.2% |
| 38.3% | 48.8 | 48.9 | 0.1 | 0.1% |
| 39.5% | 48.8 | 48.9 | 0.1 | 0.2% |
| 40.7% | 48.7 | 48.7 | 0.0 | 0.0% |
| 42.0% | 48.6 | 48.7 | 0.2 | 0.3% |
| 43.2% | 48.6 | 48.7 | 0.1 | 0.3% |
| 44.4% | 48.5 | 48.6 | 0.0 | 0.1% |
| 45.7% | 48.5 | 48.5 | 0.0 | 0.1% |
| 46.9% | 48.5 | 48.5 | 0.0 | 0.1% |
| 48.1% | 48.5 | 48.5 | 0.0 | -0.1% |
| 49.4% | 48.4 | 48.4 | 0.0 | 0.0% |
| 50.6% | 48.4 | 48.4 | 0.0 | 0.1% |
| 51.9% | 48.4 | 48.4 | 0.0 | 0.1% |
| 53.1% | 48.3 | 48.3 | -0.1 | -0.1% |
| 54.3% | 48.3 | 48.3 | 0.0 | 0.0% |
| 55.6% | 48.2 | 48.2 | 0.1 | 0.1% |
| 56.8% | 48.1 | 48.2 | 0.1 | 0.1% |
| 58.0% | 48.1 | 48.2 | 0.1 | 0.1% |
| 59.3% | 48.1 | 48.1 | 0.1 | 0.1% |
| 60.5% | 48.0 | 48.1 | 0.1 | 0.2% |
| 61.7% | 48.0 | 48.1 | 0.1 | 0.2% |
| 63.0% | 48.0 | 48.0 | 0.1 | 0.1% |
| 64.2% | 47.9 | 48.0 | 0.1 | 0.2% |
| 65.4% | 47.8 | 47.8 | 0.1 | 0.2% |
| 66.7% | 47.7 | 47.7 | -0.1 | -0.2% |
| 67.9% | 47.7 | 47.7 | 0.0 | -0.1% |
| 69.1% | 47.7 | 47.6 | -0.1 | -0.1% |
| 70.4% | 47.7 | 47.6 | -0.1 | -0.2% |
| 71.6% | 47.7 | 47.5 | -0.1 | -0.3% |
| 72.8% | 47.6 | 47.5 | -0.1 | -0.1% |
| 74.1% | 47.5 | 47.3 | -0.3 | -0.6% |
| 75.3% | 47.5 | 47.2 | -0.3 | -0.5% |
| 76.5% | 47.5 | 47.2 | -0.3 | -0.6% |
| 77.8% | 47.2 | 47.1 | -0.1 | -0.3% |
| 79.0% | 47.2 | 47.1 | -0.1 | -0.2% |
| 80.2% | 47.1 | 47.1 | 0.0 | -0.1% |
| 81.5% | 47.1 | 47.0 | -0.1 | -0.1% |
| 82.7% | 46.8 | 47.0 | 0.1 | 0.3% |
| 84.0% | 46.8 | 46.9 | 0.1 | 0.3% |
| 85.2% | 46.8 | 46.7 | -0.1 | -0.2% |
| 86.4% | 46.7 | 46.7 | 0.0 | -0.1% |
| 87.7% | 46.6 | 46.5 | -0.2 | -0.4% |
| 88.9% | 46.6 | 46.4 | -0.3 | -0.6% |
| 90.1% | 46.3 | 46.2 | -0.1 | -0.3% |
| 91.4% | 46.3 | 46.0 | -0.3 | -0.6% |
| 92.6% | 46.3 | 46.0 | -0.2 | -0.5% |
| 93.8% | 46.1 | 46.0 | -0.1 | -0.2% |
| 95.1% | 45.5 | 45.4 | -0.1 | -0.2% |
| 96.3% | 45.4 | 45.3 | -0.2 | -0.4% |
| 97.5% | 45.4 | 45.2 | -0.2 | -0.4% |
| 98.8% | 45.3 | 45.1 | -0.2 | -0.4% |
| 100.0% | 45.3 | 45.1 | -0.2 | -0.4% |

## Table SQ15-1b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

| February | | | | | March | | | | | April | | | | | May | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 52.5 | 52.4 | -0.2 | -0.3% | 0.0% | 53.0 | 53.1 | 0.1 | 0.1% | 0.0% | 54.2 | 54.2 | 0.0 | 0.0% | 0.0% | 56.0 | 57.2 | 1.3 | 2.3% |
| 1.2% | 51.1 | 51.2 | 0.1 | 0.2% | 1.2% | 52.1 | 52.2 | 0.0 | 0.1% | 1.2% | 53.0 | 53.5 | 0.5 | 0.9% | 1.2% | 54.6 | 56.1 | 1.5 | 2.8% |
| 2.5% | 50.0 | 50.3 | 0.3 | 0.6% | 2.5% | 51.6 | 51.5 | -0.1 | -0.2% | 2.5% | 52.6 | 52.8 | 0.2 | 0.3% | 2.5% | 53.5 | 55.1 | 1.5 | 2.8% |
| 3.7% | 49.6 | 49.7 | 0.1 | 0.2% | 3.7% | 51.5 | 51.4 | 0.0 | -0.1% | 3.7% | 52.5 | 52.5 | 0.0 | 0.1% | 3.7% | 53.3 | 54.0 | 0.7 | 1.3% |
| 4.9% | 49.5 | 49.6 | 0.1 | 0.2% | 4.9% | 51.2 | 51.2 | 0.0 | 0.0% | 4.9% | 52.3 | 52.4 | 0.2 | 0.3% | 4.9% | 52.9 | 53.3 | 0.4 | 0.8% |
| 6.2% | 49.3 | 49.6 | 0.3 | 0.6% | 6.2% | 51.1 | 50.9 | -0.1 | -0.3% | 6.2% | 52.2 | 52.3 | 0.2 | 0.3% | 6.2% | 52.8 | 53.3 | 0.4 | 0.8% |
| 7.4% | 49.3 | 49.3 | 0.1 | 0.1% | 7.4% | 50.9 | 50.8 | -0.1 | -0.2% | 7.4% | 52.2 | 52.1 | 0.0 | -0.1% | 7.4% | 52.8 | 53.2 | 0.4 | 0.7% |
| 8.6% | 49.3 | 49.3 | 0.0 | 0.0% | 8.6% | 50.7 | 50.8 | 0.0 | 0.1% | 8.6% | 51.7 | 51.3 | -0.4 | -0.8% | 8.6% | 52.7 | 53.0 | 0.3 | 0.7% |
| 9.9% | 49.2 | 49.2 | -0.1 | -0.1% | 9.9% | 50.7 | 50.6 | -0.1 | -0.2% | 9.9% | 51.6 | 51.1 | -0.5 | -1.0% | 9.9% | 52.6 | 53.0 | 0.4 | 0.7% |
| 11.1% | 49.2 | 49.2 | 0.0 | 0.0% | 11.1% | 50.5 | 50.6 | 0.1 | 0.2% | 11.1% | 51.4 | 51.1 | -0.4 | -0.7% | 11.1% | 52.6 | 52.8 | 0.2 | 0.4% |
| 12.3% | 49.1 | 49.1 | 0.0 | 0.0% | 12.3% | 50.4 | 50.6 | 0.2 | 0.3% | 12.3% | 51.3 | 51.1 | -0.3 | -0.5% | 12.3% | 52.4 | 52.8 | 0.4 | 0.8% |
| 13.6% | 49.1 | 49.1 | 0.0 | 0.0% | 13.6% | 50.3 | 50.5 | 0.2 | 0.3% | 13.6% | 51.3 | 51.0 | -0.3 | -0.6% | 13.6% | 52.3 | 52.7 | 0.4 | 0.7% |
| 14.8% | 48.9 | 49.1 | 0.2 | 0.4% | 14.8% | 50.2 | 50.5 | 0.3 | 0.5% | 14.8% | 51.3 | 51.0 | -0.3 | -0.7% | 14.8% | 52.3 | 52.7 | 0.4 | 0.7% |
| 16.0% | 48.8 | 48.8 | 0.0 | 0.0% | 16.0% | 50.0 | 50.4 | 0.5 | 0.9% | 16.0% | 51.1 | 51.0 | -0.1 | -0.2% | 16.0% | 52.3 | 52.7 | 0.4 | 0.7% |
| 17.3% | 48.8 | 48.7 | -0.1 | -0.1% | 17.3% | 50.0 | 50.3 | 0.3 | 0.6% | 17.3% | 51.0 | 50.9 | 0.0 | -0.1% | 17.3% | 52.1 | 52.6 | 0.5 | 1.0% |
| 18.5% | 48.7 | 48.7 | 0.0 | 0.0% | 18.5% | 50.0 | 49.9 | 0.0 | -0.1% | 18.5% | 51.0 | 50.9 | 0.0 | -0.1% | 18.5% | 52.1 | 52.5 | 0.5 | 0.9% |
| 19.8% | 48.7 | 48.6 | 0.0 | -0.1% | 19.8% | 50.0 | 49.9 | -0.1 | -0.2% | 19.8% | 51.0 | 50.9 | 0.0 | -0.1% | 19.8% | 52.0 | 52.5 | 0.6 | 1.1% |
| 21.0% | 48.6 | 48.6 | 0.0 | 0.0% | 21.0% | 49.9 | 49.9 | 0.0 | 0.0% | 21.0% | 51.0 | 50.9 | -0.1 | -0.1% | 21.0% | 51.9 | 52.3 | 0.4 | 0.8% |
| 22.2% | 48.6 | 48.5 | -0.2 | -0.3% | 22.2% | 49.8 | 49.8 | 0.1 | 0.1% | 22.2% | 50.8 | 50.8 | 0.1 | 0.1% | 22.2% | 51.8 | 52.2 | 0.4 | 0.8% |
| 23.5% | 48.5 | 48.5 | -0.1 | -0.2% | 23.5% | 49.8 | 49.8 | 0.1 | 0.2% | 23.5% | 50.6 | 50.8 | 0.2 | 0.4% | 23.5% | 51.7 | 52.0 | 0.3 | 0.6% |
| 24.7% | 48.5 | 48.4 | 0.0 | -0.1% | 24.7% | 49.7 | 49.8 | 0.1 | 0.1% | 24.7% | 50.6 | 50.8 | 0.2 | 0.4% | 24.7% | 51.7 | 51.9 | 0.2 | 0.3% |
| 25.9% | 48.4 | 48.4 | 0.0 | -0.1% | 25.9% | 49.7 | 49.7 | -0.1 | -0.1% | 25.9% | 50.6 | 50.8 | 0.2 | 0.4% | 25.9% | 51.5 | 51.8 | 0.3 | 0.6% |
| 27.2% | 48.4 | 48.4 | 0.0 | 0.0% | 27.2% | 49.7 | 49.6 | -0.1 | -0.1% | 27.2% | 50.6 | 50.7 | 0.2 | 0.3% | 27.2% | 51.5 | 51.8 | 0.3 | 0.5% |
| 28.4% | 48.4 | 48.4 | 0.0 | 0.0% | 28.4% | 49.7 | 49.6 | 0.0 | -0.1% | 28.4% | 50.6 | 50.7 | 0.1 | 0.2% | 28.4% | 51.5 | 51.8 | 0.3 | 0.6% |
| 29.6% | 48.3 | 48.3 | -0.1 | -0.1% | 29.6% | 49.6 | 49.6 | -0.1 | -0.2% | 29.6% | 50.4 | 50.6 | 0.2 | 0.3% | 29.6% | 51.5 | 51.8 | 0.3 | 0.6% |
| 30.9% | 48.3 | 48.2 | 0.0 | -0.1% | 30.9% | 49.6 | 49.6 | -0.1 | -0.1% | 30.9% | 50.3 | 50.6 | 0.2 | 0.5% | 30.9% | 51.4 | 51.7 | 0.3 | 0.6% |
| 32.1% | 48.3 | 48.2 | 0.0 | 0.0% | 32.1% | 49.6 | 49.5 | 0.0 | -0.1% | 32.1% | 50.2 | 50.5 | 0.2 | 0.5% | 32.1% | 51.4 | 51.7 | 0.3 | 0.7% |
| 33.3% | 48.2 | 48.1 | -0.1 | -0.2% | 33.3% | 49.3 | 49.4 | 0.1 | 0.2% | 33.3% | 50.2 | 50.4 | 0.2 | 0.4% | 33.3% | 51.3 | 51.7 | 0.4 | 0.8% |
| 34.6% | 48.2 | 48.1 | -0.1 | -0.2% | 34.6% | 49.3 | 49.3 | 0.0 | 0.0% | 34.6% | 50.2 | 50.4 | 0.2 | 0.3% | 34.6% | 51.3 | 51.6 | 0.3 | 0.6% |
| 35.8% | 48.2 | 48.1 | -0.1 | -0.2% | 35.8% | 49.3 | 49.3 | 0.0 | 0.0% | 35.8% | 50.2 | 50.4 | 0.2 | 0.3% | 35.8% | 51.2 | 51.6 | 0.3 | 0.6% |
| 37.0% | 48.1 | 48.0 | -0.1 | -0.2% | 37.0% | 49.2 | 49.2 | 0.0 | -0.1% | 37.0% | 50.2 | 50.2 | 0.0 | 0.0% | 37.0% | 51.2 | 51.5 | 0.3 | 0.6% |
| 38.3% | 48.1 | 48.0 | -0.1 | -0.3% | 38.3% | 49.2 | 49.2 | 0.0 | -0.1% | 38.3% | 50.2 | 50.2 | 0.0 | 0.0% | 38.3% | 51.2 | 51.5 | 0.3 | 0.6% |
| 39.5% | 48.0 | 48.0 | -0.1 | -0.2% | 39.5% | 49.1 | 49.2 | 0.0 | 0.1% | 39.5% | 50.0 | 50.1 | 0.1 | 0.2% | 39.5% | 51.2 | 51.5 | 0.3 | 0.6% |
| 40.7% | 47.9 | 47.9 | 0.0 | -0.1% | 40.7% | 49.1 | 49.1 | 0.0 | -0.1% | 40.7% | 49.9 | 50.0 | 0.1 | 0.1% | 40.7% | 51.1 | 51.5 | 0.4 | 0.7% |
| 42.0% | 47.8 | 47.8 | 0.0 | 0.1% | 42.0% | 48.7 | 48.8 | 0.1 | 0.2% | 42.0% | 49.9 | 50.0 | 0.1 | 0.1% | 42.0% | 51.1 | 51.5 | 0.4 | 0.8% |
| 43.2% | 47.8 | 47.7 | -0.1 | -0.1% | 43.2% | 48.7 | 48.7 | 0.0 | 0.0% | 43.2% | 49.8 | 49.9 | 0.1 | 0.3% | 43.2% | 51.1 | 51.4 | 0.3 | 0.6% |
| 44.4% | 47.7 | 47.6 | -0.1 | -0.2% | 44.4% | 48.6 | 48.6 | 0.0 | -0.1% | 44.4% | 49.8 | 49.9 | 0.1 | 0.3% | 44.4% | 51.1 | 51.4 | 0.3 | 0.7% |
| 45.7% | 47.7 | 47.6 | -0.1 | -0.2% | 45.7% | 48.5 | 48.5 | 0.0 | 0.0% | 45.7% | 49.8 | 49.9 | 0.1 | 0.3% | 45.7% | 51.0 | 51.4 | 0.3 | 0.7% |
| 46.9% | 47.4 | 47.3 | 0.0 | 0.0% | 46.9% | 48.4 | 48.4 | 0.0 | 0.1% | 46.9% | 49.8 | 49.9 | 0.1 | 0.2% | 46.9% | 51.0 | 51.3 | 0.3 | 0.6% |
| 48.1% | 47.4 | 47.3 | -0.1 | -0.2% | 48.1% | 48.3 | 48.3 | 0.0 | 0.0% | 48.1% | 49.7 | 49.8 | 0.1 | 0.2% | 48.1% | 51.0 | 51.3 | 0.4 | 0.7% |
| 49.4% | 47.3 | 47.2 | 0.0 | 0.0% | 49.4% | 48.3 | 48.3 | 0.0 | -0.1% | 49.4% | 49.7 | 49.8 | 0.2 | 0.3% | 49.4% | 51.0 | 51.3 | 0.4 | 0.7% |
| 50.6% | 47.2 | 47.2 | 0.0 | 0.1% | 50.6% | 48.3 | 48.3 | 0.0 | -0.1% | 50.6% | 49.7 | 49.7 | 0.1 | 0.2% | 50.6% | 50.9 | 51.3 | 0.4 | 0.7% |
| 51.9% | 47.2 | 47.2 | 0.0 | -0.1% | 51.9% | 48.2 | 48.3 | 0.0 | 0.0% | 51.9% | 49.6 | 49.7 | 0.1 | 0.2% | 51.9% | 50.9 | 51.2 | 0.3 | 0.6% |
| 53.1% | 47.2 | 47.1 | 0.0 | -0.1% | 53.1% | 48.2 | 48.3 | 0.0 | 0.0% | 53.1% | 49.6 | 49.7 | 0.1 | 0.3% | 53.1% | 50.8 | 51.2 | 0.3 | 0.6% |
| 54.3% | 47.1 | 47.1 | 0.0 | 0.1% | 54.3% | 48.2 | 48.0 | -0.2 | -0.4% | 54.3% | 49.5 | 49.7 | 0.1 | 0.2% | 54.3% | 50.8 | 51.2 | 0.3 | 0.7% |
| 55.6% | 47.0 | 47.0 | 0.0 | 0.0% | 55.6% | 48.1 | 48.0 | -0.1 | -0.3% | 55.6% | 49.5 | 49.6 | 0.1 | 0.3% | 55.6% | 50.8 | 51.1 | 0.3 | 0.7% |
| 56.8% | 47.0 | 47.0 | 0.0 | 0.0% | 56.8% | 48.0 | 48.0 | 0.0 | 0.0% | 56.8% | 49.4 | 49.6 | 0.2 | 0.5% | 56.8% | 50.8 | 51.1 | 0.4 | 0.7% |
| 58.0% | 47.0 | 47.0 | 0.0 | 0.0% | 58.0% | 47.9 | 48.0 | 0.1 | 0.2% | 58.0% | 49.4 | 49.6 | 0.2 | 0.4% | 58.0% | 50.7 | 51.1 | 0.4 | 0.8% |
| 59.3% | 46.9 | 46.9 | 0.0 | 0.0% | 59.3% | 47.9 | 47.8 | -0.1 | -0.2% | 59.3% | 49.3 | 49.5 | 0.2 | 0.4% | 59.3% | 50.6 | 51.1 | 0.5 | 0.9% |
| 60.5% | 46.8 | 46.8 | 0.0 | 0.0% | 60.5% | 47.8 | 47.7 | -0.1 | -0.1% | 60.5% | 49.2 | 49.4 | 0.1 | 0.3% | 60.5% | 50.6 | 51.1 | 0.5 | 1.0% |
| 61.7% | 46.7 | 46.7 | 0.0 | -0.1% | 61.7% | 47.7 | 47.7 | 0.0 | 0.0% | 61.7% | 49.2 | 49.4 | 0.1 | 0.3% | 61.7% | 50.6 | 51.1 | 0.5 | 0.9% |
| 63.0% | 46.6 | 46.6 | 0.0 | 0.0% | 63.0% | 47.6 | 47.5 | -0.1 | -0.3% | 63.0% | 49.2 | 49.3 | 0.1 | 0.2% | 63.0% | 50.6 | 51.0 | 0.4 | 0.8% |
| 64.2% | 46.6 | 46.6 | 0.0 | -0.1% | 64.2% | 47.5 | 47.5 | -0.1 | -0.1% | 64.2% | 49.2 | 49.3 | 0.1 | 0.2% | 64.2% | 50.6 | 51.0 | 0.4 | 0.7% |
| 65.4% | 46.5 | 46.6 | 0.0 | 0.1% | 65.4% | 47.5 | 47.4 | 0.0 | -0.1% | 65.4% | 49.1 | 49.2 | 0.1 | 0.2% | 65.4% | 50.6 | 50.9 | 0.4 | 0.7% |
| 66.7% | 46.4 | 46.6 | 0.1 | 0.3% | 66.7% | 47.4 | 47.4 | 0.0 | 0.0% | 66.7% | 49.1 | 49.2 | 0.1 | 0.2% | 66.7% | 50.5 | 50.8 | 0.4 | 0.8% |
| 67.9% | 46.4 | 46.4 | 0.0 | 0.0% | 67.9% | 47.4 | 47.4 | 0.0 | -0.1% | 67.9% | 49.0 | 49.1 | 0.1 | 0.3% | 67.9% | 50.5 | 50.8 | 0.4 | 0.7% |
| 69.1% | 46.3 | 46.3 | 0.0 | -0.1% | 69.1% | 47.4 | 47.4 | 0.0 | 0.0% | 69.1% | 49.0 | 49.1 | 0.1 | 0.3% | 69.1% | 50.4 | 50.8 | 0.4 | 0.7% |
| 70.4% | 46.3 | 46.2 | -0.1 | -0.2% | 70.4% | 47.3 | 47.2 | -0.1 | -0.3% | 70.4% | 48.9 | 48.8 | -0.1 | -0.2% | 70.4% | 50.3 | 50.7 | 0.4 | 0.8% |
| 71.6% | 46.3 | 46.2 | -0.1 | -0.3% | 71.6% | 47.1 | 47.1 | 0.0 | -0.1% | 71.6% | 48.7 | 48.8 | 0.1 | 0.2% | 71.6% | 50.3 | 50.7 | 0.4 | 0.7% |
| 72.8% | 46.2 | 46.0 | -0.2 | -0.4% | 72.8% | 47.0 | 47.0 | 0.0 | 0.0% | 72.8% | 48.6 | 48.7 | 0.2 | 0.3% | 72.8% | 50.3 | 50.6 | 0.3 | 0.7% |
| 74.1% | 46.0 | 46.0 | -0.1 | -0.2% | 74.1% | 47.0 | 47.0 | 0.0 | 0.1% | 74.1% | 48.5 | 48.7 | 0.2 | 0.4% | 74.1% | 50.2 | 50.6 | 0.3 | 0.7% |
| 75.3% | 46.0 | 45.9 | -0.2 | -0.3% | 75.3% | 46.9 | 46.8 | -0.1 | -0.2% | 75.3% | 48.5 | 48.7 | 0.2 | 0.4% | 75.3% | 50.1 | 50.5 | 0.3 | 0.6% |
| 76.5% | 46.0 | 45.9 | -0.2 | -0.3% | 76.5% | 46.8 | 46.8 | 0.0 | 0.0% | 76.5% | 48.5 | 48.7 | 0.2 | 0.4% | 76.5% | 50.1 | 50.5 | 0.3 | 0.6% |
| 77.8% | 46.0 | 45.8 | -0.2 | -0.3% | 77.8% | 46.8 | 46.7 | -0.1 | -0.1% | 77.8% | 48.5 | 48.7 | 0.2 | 0.4% | 77.8% | 50.1 | 50.5 | 0.3 | 0.7% |
| 79.0% | 46.0 | 45.7 | -0.2 | -0.5% | 79.0% | 46.8 | 46.6 | -0.2 | -0.3% | 79.0% | 48.5 | 48.6 | 0.2 | 0.3% | 79.0% | 50.1 | 50.4 | 0.4 | 0.7% |
| 80.2% | 45.8 | 45.7 | -0.2 | -0.3% | 80.2% | 46.8 | 46.6 | -0.2 | -0.3% | 80.2% | 48.4 | 48.5 | 0.1 | 0.2% | 80.2% | 50.0 | 50.4 | 0.3 | 0.7% |
| 81.5% | 45.8 | 45.7 | -0.1 | -0.3% | 81.5% | 46.5 | 46.5 | 0.0 | 0.0% | 81.5% | 48.4 | 48.5 | 0.1 | 0.2% | 81.5% | 50.0 | 50.4 | 0.3 | 0.7% |
| 82.7% | 45.7 | 45.6 | -0.1 | -0.3% | 82.7% | 46.5 | 46.4 | 0.0 | -0.1% | 82.7% | 48.4 | 48.4 | 0.0 | 0.0% | 82.7% | 49.9 | 50.3 | 0.3 | 0.7% |
| 84.0% | 45.7 | 45.5 | -0.2 | -0.4% | 84.0% | 46.5 | 46.4 | 0.0 | -0.1% | 84.0% | 48.3 | 48.4 | 0.1 | 0.1% | 84.0% | 49.9 | 50.3 | 0.3 | 0.7% |
| 85.2% | 45.7 | 45.5 | -0.2 | -0.5% | 85.2% | 46.4 | 46.4 | 0.0 | 0.0% | 85.2% | 48.2 | 48.2 | 0.0 | 0.1% | 85.2% | 49.9 | 50.2 | 0.2 | 0.5% |
| 86.4% | 45.6 | 45.4 | -0.2 | -0.5% | 86.4% | 46.4 | 46.4 | 0.0 | -0.1% | 86.4% | 48.0 | 48.2 | 0.2 | 0.4% | 86.4% | 49.9 | 50.1 | 0.3 | 0.5% |
| 87.7% | 45.6 | 45.3 | -0.3 | -0.7% | 87.7% | 46.4 | 46.4 | 0.0 | 0.0% | 87.7% | 48.0 | 48.2 | 0.2 | 0.5% | 87.7% | 49.8 | 50.1 | 0.3 | 0.5% |
| 88.9% | 45.2 | 45.1 | -0.1 | -0.2% | 88.9% | 46.4 | 46.3 | -0.1 | -0.2% | 88.9% | 48.0 | 48.2 | 0.2 | 0.4% | 88.9% | 49.8 | 50.0 | 0.1 | 0.2% |
| 90.1% | 45.2 | 45.1 | 0.0 | -0.1% | 90.1% | 46.3 | 46.3 | 0.0 | -0.1% | 90.1% | 47.9 | 48.1 | 0.2 | 0.4% | 90.1% | 49.7 | 49.9 | 0.2 | 0.5% |
| 91.4% | 45.2 | 45.1 | -0.1 | -0.1% | 91.4% | 46.2 | 46.2 | 0.0 | -0.1% | 91.4% | 47.7 | 48.0 | 0.3 | 0.6% | 91.4% | 49.6 | 49.9 | 0.3 | 0.6% |
| 92.6% | 45.1 | 45.0 | -0.1 | -0.2% | 92.6% | 46.1 | 46.2 | 0.1 | 0.2% | 92.6% | 47.7 | 48.0 | 0.3 | 0.7% | 92.6% | 49.5 | 49.7 | 0.1 | 0.3% |
| 93.8% | 45.1 | 45.0 | -0.1 | -0.3% | 93.8% | 46.1 | 46.1 | 0.0 | 0.0% | 93.8% | 47.6 | 47.9 | 0.3 | 0.6% | 93.8% | 49.5 | 49.6 | 0.1 | 0.1% |
| 95.1% | 45.1 | 44.9 | -0.1 | -0.3% | 95.1% | 46.0 | 45.9 | -0.1 | -0.2% | 95.1% | 47.6 | 47.8 | 0.2 | 0.4% | 95.1% | 49.4 | 49.5 | 0.1 | 0.2% |
| 96.3% | 45.0 | 44.8 | -0.2 | -0.4% | 96.3% | 45.9 | 45.9 | 0.0 | -0.1% | 96.3% | 47.4 | 47.5 | 0.1 | 0.2% | 96.3% | 49.4 | 49.3 | -0.1 | -0.3% |
| 97.5% | 45.0 | 44.8 | -0.2 | -0.5% | 97.5% | 45.9 | 45.8 | 0.0 | -0.1% | 97.5% | 47.1 | 47.1 | 0.0 | 0.0% | 97.5% | 49.2 | 49.2 | 0.0 | 0.0% |
| 98.8% | 43.8 | 43.7 | -0.1 | -0.2% | 98.8% | 45.6 | 45.7 | 0.1 | 0.2% | 98.8% | 46.9 | 46.9 | 0.0 | 0.0% | 98.8% | 48.7 | 49.2 | 0.4 | 0.9% |
| 100.0% | 43.8 | 43.7 | -0.1 | -0.2% | 100.0% | 45.6 | 45.7 | 0.1 | 0.2% | 100.0% | 46.9 | 46.9 | 0.0 | 0.0% | 100.0% | 48.7 | 49.2 | 0.4 | 0.9% |

## Table SQ15-1b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

| June | | | | | July | | | | | August | | | | | September | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) | Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 55.9 | 56.0 | 0.0 | 0.1% | 0.0% | 57.5 | 56.3 | -1.3 | -2.2% | 0.0% | 65.1 | 60.5 | -4.6 | -7.1% | 0.0% | 65.9 | 66.1 | 0.2 | 0.3% |
| 1.2% | 55.3 | 54.9 | -0.4 | -0.7% | 1.2% | 56.2 | 56.2 | -0.1 | -0.1% | 1.2% | 58.0 | 56.1 | -1.9 | -3.2% | 1.2% | 63.8 | 59.5 | -4.4 | -6.8% |
| 2.5% | 55.0 | 54.7 | -0.3 | -0.5% | 2.5% | 56.2 | 55.8 | -0.4 | -0.7% | 2.5% | 56.9 | 56.0 | -1.0 | -1.7% | 2.5% | 61.9 | 58.5 | -3.4 | -5.5% |
| 3.7% | 54.6 | 54.2 | -0.4 | -0.7% | 3.7% | 56.0 | 55.7 | -0.3 | -0.6% | 3.7% | 56.7 | 55.8 | -1.0 | -1.7% | 3.7% | 58.2 | 57.2 | -1.1 | -1.8% |
| 4.9% | 54.3 | 53.9 | -0.5 | -0.9% | 4.9% | 55.8 | 55.7 | -0.1 | -0.2% | 4.9% | 56.6 | 55.8 | -0.8 | -1.4% | 4.9% | 57.9 | 56.9 | -1.0 | -1.7% |
| 6.2% | 53.9 | 53.6 | -0.2 | -0.4% | 6.2% | 55.6 | 55.6 | 0.1 | 0.1% | 6.2% | 56.6 | 55.7 | -0.9 | -1.6% | 6.2% | 57.2 | 56.6 | -0.6 | -1.1% |
| 7.4% | 53.8 | 53.6 | -0.2 | -0.4% | 7.4% | 55.5 | 55.5 | 0.0 | 0.0% | 7.4% | 56.1 | 55.6 | -0.5 | -0.9% | 7.4% | 56.9 | 56.5 | -0.4 | -0.7% |
| 8.6% | 53.5 | 53.6 | 0.1 | 0.2% | 8.6% | 55.4 | 55.5 | 0.1 | 0.2% | 8.6% | 55.8 | 55.6 | -0.2 | -0.4% | 8.6% | 56.5 | 56.2 | -0.2 | -0.4% |
| 9.9% | 53.3 | 53.5 | 0.2 | 0.4% | 9.9% | 55.4 | 55.5 | 0.1 | 0.2% | 9.9% | 55.7 | 55.5 | -0.2 | -0.3% | 9.9% | 56.3 | 56.2 | -0.1 | -0.2% |
| 11.1% | 53.3 | 53.4 | 0.1 | 0.1% | 11.1% | 55.3 | 55.1 | -0.2 | -0.4% | 11.1% | 55.7 | 55.5 | -0.2 | -0.3% | 11.1% | 56.2 | 55.7 | -0.5 | -0.9% |
| 12.3% | 53.2 | 53.4 | 0.1 | 0.2% | 12.3% | 55.2 | 55.1 | -0.2 | -0.3% | 12.3% | 55.7 | 55.5 | -0.2 | -0.4% | 12.3% | 56.0 | 55.7 | -0.3 | -0.6% |
| 13.6% | 53.1 | 53.3 | 0.2 | 0.4% | 13.6% | 55.2 | 55.0 | -0.1 | -0.2% | 13.6% | 55.7 | 55.4 | -0.2 | -0.4% | 13.6% | 56.0 | 55.6 | -0.4 | -0.7% |
| 14.8% | 53.0 | 53.3 | 0.3 | 0.6% | 14.8% | 55.0 | 55.0 | 0.0 | -0.1% | 14.8% | 55.6 | 55.4 | -0.2 | -0.4% | 14.8% | 55.9 | 55.6 | -0.3 | -0.6% |
| 16.0% | 52.9 | 53.3 | 0.4 | 0.8% | 16.0% | 54.9 | 54.9 | 0.0 | 0.0% | 16.0% | 55.5 | 55.3 | -0.3 | -0.5% | 16.0% | 55.9 | 55.4 | -0.5 | -1.0% |
| 17.3% | 52.8 | 53.1 | 0.3 | 0.5% | 17.3% | 54.9 | 54.9 | 0.0 | 0.0% | 17.3% | 55.5 | 55.3 | -0.2 | -0.4% | 17.3% | 55.8 | 55.3 | -0.5 | -0.9% |
| 18.5% | 52.8 | 52.9 | 0.1 | 0.2% | 18.5% | 54.8 | 54.9 | 0.1 | 0.1% | 18.5% | 55.5 | 55.2 | -0.3 | -0.5% | 18.5% | 55.8 | 55.3 | -0.5 | -0.9% |
| 19.8% | 52.8 | 52.9 | 0.1 | 0.1% | 19.8% | 54.7 | 54.8 | 0.1 | 0.2% | 19.8% | 55.5 | 55.1 | -0.3 | -0.6% | 19.8% | 55.7 | 55.2 | -0.5 | -0.9% |
| 21.0% | 52.8 | 52.8 | 0.0 | 0.1% | 21.0% | 54.7 | 54.8 | 0.1 | 0.3% | 21.0% | 55.4 | 55.1 | -0.3 | -0.5% | 21.0% | 55.6 | 55.2 | -0.5 | -0.8% |
| 22.2% | 52.8 | 52.8 | 0.0 | 0.0% | 22.2% | 54.6 | 54.8 | 0.2 | 0.4% | 22.2% | 55.4 | 55.1 | -0.3 | -0.5% | 22.2% | 55.6 | 55.2 | -0.4 | -0.8% |
| 23.5% | 52.8 | 52.7 | -0.1 | -0.1% | 23.5% | 54.4 | 54.5 | 0.1 | 0.3% | 23.5% | 55.3 | 55.1 | -0.2 | -0.3% | 23.5% | 55.5 | 55.1 | -0.4 | -0.7% |
| 24.7% | 52.7 | 52.7 | 0.0 | -0.1% | 24.7% | 54.3 | 54.5 | 0.2 | 0.3% | 24.7% | 55.3 | 55.1 | -0.2 | -0.4% | 24.7% | 55.4 | 55.1 | -0.3 | -0.5% |
| 25.9% | 52.7 | 52.6 | -0.1 | -0.2% | 25.9% | 54.2 | 54.5 | 0.3 | 0.5% | 25.9% | 55.2 | 55.1 | -0.2 | -0.3% | 25.9% | 55.3 | 55.1 | -0.2 | -0.4% |
| 27.2% | 52.6 | 52.6 | 0.0 | -0.1% | 27.2% | 54.1 | 54.3 | 0.2 | 0.4% | 27.2% | 55.2 | 55.1 | -0.2 | -0.3% | 27.2% | 55.1 | 55.1 | 0.0 | 0.0% |
| 28.4% | 52.6 | 52.5 | -0.1 | -0.2% | 28.4% | 54.0 | 54.0 | 0.1 | 0.1% | 28.4% | 55.1 | 55.0 | -0.1 | -0.1% | 28.4% | 55.0 | 55.1 | 0.1 | 0.1% |
| 29.6% | 52.5 | 52.4 | -0.1 | -0.2% | 29.6% | 53.9 | 54.0 | 0.1 | 0.2% | 29.6% | 55.1 | 55.0 | -0.1 | -0.1% | 29.6% | 55.0 | 55.0 | 0.0 | -0.1% |
| 30.9% | 52.4 | 52.3 | -0.1 | -0.2% | 30.9% | 53.7 | 53.9 | 0.2 | 0.3% | 30.9% | 55.1 | 55.0 | -0.1 | -0.1% | 30.9% | 55.0 | 54.9 | -0.1 | -0.2% |
| 32.1% | 52.2 | 52.2 | 0.0 | 0.0% | 32.1% | 53.7 | 53.9 | 0.2 | 0.3% | 32.1% | 55.0 | 54.9 | -0.1 | -0.2% | 32.1% | 55.0 | 54.9 | -0.1 | -0.2% |
| 33.3% | 52.2 | 52.2 | 0.0 | 0.0% | 33.3% | 53.7 | 53.8 | 0.1 | 0.2% | 33.3% | 55.0 | 54.9 | -0.1 | -0.2% | 33.3% | 54.8 | 54.9 | 0.0 | 0.0% |
| 34.6% | 52.1 | 52.2 | 0.1 | 0.2% | 34.6% | 53.5 | 53.8 | 0.3 | 0.5% | 34.6% | 54.9 | 54.9 | -0.1 | -0.1% | 34.6% | 54.5 | 54.9 | 0.3 | 0.6% |
| 35.8% | 52.0 | 52.2 | 0.1 | 0.3% | 35.8% | 53.5 | 53.7 | 0.2 | 0.5% | 35.8% | 54.8 | 54.8 | 0.0 | 0.0% | 35.8% | 54.5 | 54.8 | 0.3 | 0.5% |
| 37.0% | 52.0 | 52.2 | 0.2 | 0.3% | 37.0% | 53.4 | 53.7 | 0.3 | 0.6% | 37.0% | 54.7 | 54.8 | 0.0 | 0.0% | 37.0% | 54.5 | 54.7 | 0.2 | 0.4% |
| 38.3% | 51.8 | 52.2 | 0.4 | 0.7% | 38.3% | 53.4 | 53.6 | 0.2 | 0.5% | 38.3% | 54.7 | 54.8 | 0.0 | 0.1% | 38.3% | 54.4 | 54.5 | 0.1 | 0.1% |
| 39.5% | 51.8 | 52.1 | 0.3 | 0.6% | 39.5% | 53.3 | 53.6 | 0.3 | 0.5% | 39.5% | 54.7 | 54.7 | 0.0 | 0.0% | 39.5% | 54.3 | 54.4 | 0.1 | 0.2% |
| 40.7% | 51.7 | 52.1 | 0.3 | 0.7% | 40.7% | 53.3 | 53.5 | 0.2 | 0.5% | 40.7% | 54.7 | 54.7 | 0.0 | 0.0% | 40.7% | 54.2 | 54.4 | 0.1 | 0.2% |
| 42.0% | 51.7 | 52.1 | 0.3 | 0.6% | 42.0% | 53.2 | 53.5 | 0.3 | 0.5% | 42.0% | 54.6 | 54.7 | 0.0 | 0.1% | 42.0% | 54.1 | 54.4 | 0.2 | 0.4% |
| 43.2% | 51.7 | 52.0 | 0.3 | 0.6% | 43.2% | 53.2 | 53.5 | 0.3 | 0.6% | 43.2% | 54.6 | 54.6 | 0.0 | 0.0% | 43.2% | 53.9 | 54.3 | 0.4 | 0.7% |
| 44.4% | 51.6 | 52.0 | 0.4 | 0.8% | 44.4% | 53.0 | 53.4 | 0.4 | 0.8% | 44.4% | 54.6 | 54.6 | 0.0 | -0.1% | 44.4% | 53.9 | 54.3 | 0.4 | 0.7% |
| 45.7% | 51.6 | 52.0 | 0.4 | 0.8% | 45.7% | 53.0 | 53.4 | 0.5 | 0.9% | 45.7% | 54.6 | 54.5 | 0.0 | -0.1% | 45.7% | 53.9 | 54.1 | 0.2 | 0.4% |
| 46.9% | 51.6 | 52.0 | 0.4 | 0.7% | 46.9% | 52.9 | 53.4 | 0.5 | 0.9% | 46.9% | 54.6 | 54.5 | -0.1 | -0.1% | 46.9% | 53.8 | 53.8 | -0.1 | -0.2% |
| 48.1% | 51.6 | 51.9 | 0.4 | 0.7% | 48.1% | 52.9 | 53.4 | 0.5 | 0.9% | 48.1% | 54.5 | 54.4 | -0.1 | -0.1% | 48.1% | 53.8 | 53.7 | -0.1 | -0.1% |
| 49.4% | 51.5 | 51.9 | 0.4 | 0.7% | 49.4% | 52.9 | 53.4 | 0.5 | 0.9% | 49.4% | 54.5 | 54.4 | 0.0 | -0.1% | 49.4% | 53.8 | 53.7 | -0.1 | -0.2% |
| 50.6% | 51.5 | 51.9 | 0.4 | 0.7% | 50.6% | 52.9 | 53.3 | 0.5 | 0.9% | 50.6% | 54.4 | 54.3 | -0.1 | -0.2% | 50.6% | 53.6 | 53.6 | 0.0 | 0.0% |
| 51.9% | 51.5 | 51.9 | 0.4 | 0.8% | 51.9% | 52.9 | 53.3 | 0.4 | 0.8% | 51.9% | 54.4 | 54.3 | -0.2 | -0.3% | 51.9% | 53.5 | 53.6 | 0.1 | 0.2% |
| 53.1% | 51.5 | 51.9 | 0.4 | 0.8% | 53.1% | 52.8 | 53.2 | 0.4 | 0.8% | 53.1% | 54.4 | 54.2 | -0.3 | -0.5% | 53.1% | 53.4 | 53.6 | 0.2 | 0.3% |
| 54.3% | 51.4 | 51.9 | 0.5 | 0.9% | 54.3% | 52.8 | 53.2 | 0.4 | 0.7% | 54.3% | 54.4 | 54.1 | -0.3 | -0.5% | 54.3% | 53.3 | 53.6 | 0.3 | 0.6% |
| 55.6% | 51.4 | 51.8 | 0.4 | 0.8% | 55.6% | 52.7 | 53.1 | 0.4 | 0.8% | 55.6% | 54.2 | 54.1 | -0.1 | -0.2% | 55.6% | 53.2 | 53.5 | 0.3 | 0.6% |
| 56.8% | 51.4 | 51.8 | 0.5 | 0.9% | 56.8% | 52.7 | 53.0 | 0.3 | 0.5% | 56.8% | 54.2 | 54.1 | -0.1 | -0.3% | 56.8% | 53.2 | 53.5 | 0.3 | 0.6% |
| 58.0% | 51.4 | 51.8 | 0.5 | 0.9% | 58.0% | 52.7 | 53.0 | 0.3 | 0.5% | 58.0% | 54.1 | 54.0 | -0.1 | -0.1% | 58.0% | 53.2 | 53.5 | 0.3 | 0.7% |
| 59.3% | 51.4 | 51.8 | 0.4 | 0.7% | 59.3% | 52.7 | 52.9 | 0.3 | 0.5% | 59.3% | 54.1 | 54.0 | -0.1 | -0.1% | 59.3% | 52.9 | 53.5 | 0.6 | 1.1% |
| 60.5% | 51.3 | 51.7 | 0.4 | 0.8% | 60.5% | 52.6 | 52.9 | 0.2 | 0.5% | 60.5% | 54.0 | 53.9 | -0.2 | -0.3% | 60.5% | 52.8 | 53.5 | 0.6 | 1.2% |
| 61.7% | 51.2 | 51.6 | 0.3 | 0.6% | 61.7% | 52.6 | 52.9 | 0.3 | 0.6% | 61.7% | 54.0 | 53.8 | -0.1 | -0.2% | 61.7% | 52.8 | 53.5 | 0.7 | 1.3% |
| 63.0% | 51.2 | 51.6 | 0.3 | 0.7% | 63.0% | 52.5 | 52.8 | 0.2 | 0.5% | 63.0% | 53.9 | 53.8 | -0.2 | -0.3% | 63.0% | 52.8 | 53.4 | 0.6 | 1.2% |
| 64.2% | 51.2 | 51.5 | 0.3 | 0.7% | 64.2% | 52.5 | 52.8 | 0.2 | 0.4% | 64.2% | 53.9 | 53.8 | -0.2 | -0.3% | 64.2% | 52.7 | 53.4 | 0.7 | 1.2% |
| 65.4% | 51.1 | 51.5 | 0.3 | 0.7% | 65.4% | 52.5 | 52.6 | 0.1 | 0.2% | 65.4% | 53.9 | 53.7 | -0.2 | -0.4% | 65.4% | 52.7 | 53.4 | 0.7 | 1.3% |
| 66.7% | 51.1 | 51.4 | 0.4 | 0.7% | 66.7% | 52.5 | 52.6 | 0.1 | 0.2% | 66.7% | 53.9 | 53.7 | -0.3 | -0.5% | 66.7% | 52.7 | 53.4 | 0.7 | 1.2% |
| 67.9% | 51.1 | 51.4 | 0.3 | 0.6% | 67.9% | 52.5 | 52.5 | 0.1 | 0.1% | 67.9% | 53.9 | 53.6 | -0.3 | -0.5% | 67.9% | 52.6 | 53.3 | 0.7 | 1.3% |
| 69.1% | 51.1 | 51.4 | 0.3 | 0.6% | 69.1% | 52.4 | 52.5 | 0.1 | 0.1% | 69.1% | 53.8 | 53.6 | -0.2 | -0.3% | 69.1% | 52.6 | 53.2 | 0.6 | 1.1% |
| 70.4% | 50.9 | 51.3 | 0.4 | 0.8% | 70.4% | 52.3 | 52.5 | 0.2 | 0.4% | 70.4% | 53.7 | 53.5 | -0.2 | -0.4% | 70.4% | 52.6 | 53.1 | 0.5 | 0.9% |
| 71.6% | 50.9 | 51.3 | 0.4 | 0.8% | 71.6% | 52.3 | 52.5 | 0.2 | 0.4% | 71.6% | 53.6 | 53.5 | -0.2 | -0.3% | 71.6% | 52.5 | 53.0 | 0.5 | 1.0% |
| 72.8% | 50.9 | 51.3 | 0.4 | 0.8% | 72.8% | 52.2 | 52.5 | 0.3 | 0.6% | 72.8% | 53.6 | 53.4 | -0.2 | -0.4% | 72.8% | 52.4 | 53.0 | 0.6 | 1.1% |
| 74.1% | 50.8 | 51.2 | 0.4 | 0.8% | 74.1% | 52.1 | 52.4 | 0.3 | 0.6% | 74.1% | 53.5 | 53.4 | -0.1 | -0.2% | 74.1% | 52.4 | 53.0 | 0.6 | 1.2% |
| 75.3% | 50.7 | 51.2 | 0.5 | 0.9% | 75.3% | 52.1 | 52.4 | 0.3 | 0.6% | 75.3% | 53.5 | 53.4 | -0.1 | -0.2% | 75.3% | 52.3 | 52.8 | 0.5 | 1.0% |
| 76.5% | 50.7 | 51.1 | 0.4 | 0.8% | 76.5% | 52.0 | 52.4 | 0.3 | 0.6% | 76.5% | 53.4 | 53.4 | -0.1 | -0.1% | 76.5% | 52.3 | 52.8 | 0.6 | 1.1% |
| 77.8% | 50.6 | 51.1 | 0.5 | 0.9% | 77.8% | 52.0 | 52.4 | 0.3 | 0.7% | 77.8% | 53.4 | 53.3 | -0.1 | -0.1% | 77.8% | 52.1 | 52.7 | 0.7 | 1.3% |
| 79.0% | 50.6 | 51.0 | 0.4 | 0.8% | 79.0% | 52.0 | 52.3 | 0.3 | 0.5% | 79.0% | 53.4 | 53.2 | -0.1 | -0.3% | 79.0% | 52.0 | 52.7 | 0.7 | 1.3% |
| 80.2% | 50.6 | 51.0 | 0.4 | 0.8% | 80.2% | 52.0 | 52.3 | 0.3 | 0.6% | 80.2% | 53.4 | 53.1 | -0.3 | -0.5% | 80.2% | 51.9 | 52.7 | 0.7 | 1.4% |
| 81.5% | 50.6 | 51.0 | 0.4 | 0.9% | 81.5% | 52.0 | 52.2 | 0.3 | 0.6% | 81.5% | 53.4 | 53.1 | -0.2 | -0.4% | 81.5% | 51.9 | 52.7 | 0.8 | 1.5% |
| 82.7% | 50.5 | 51.0 | 0.5 | 1.0% | 82.7% | 51.9 | 52.2 | 0.3 | 0.6% | 82.7% | 53.3 | 53.1 | -0.3 | -0.5% | 82.7% | 51.8 | 52.7 | 0.8 | 1.6% |
| 84.0% | 50.4 | 51.0 | 0.5 | 1.1% | 84.0% | 51.9 | 52.1 | 0.3 | 0.5% | 84.0% | 53.3 | 53.0 | -0.3 | -0.5% | 84.0% | 51.8 | 52.6 | 0.8 | 1.6% |
| 85.2% | 50.4 | 51.0 | 0.5 | 1.1% | 85.2% | 51.9 | 52.1 | 0.3 | 0.5% | 85.2% | 53.3 | 52.9 | -0.3 | -0.6% | 85.2% | 51.7 | 52.2 | 0.5 | 1.0% |
| 86.4% | 50.4 | 50.9 | 0.5 | 1.1% | 86.4% | 51.8 | 52.1 | 0.3 | 0.5% | 86.4% | 53.2 | 52.9 | -0.3 | -0.6% | 86.4% | 51.7 | 52.0 | 0.2 | 0.4% |
| 87.7% | 50.4 | 50.9 | 0.5 | 1.1% | 87.7% | 51.8 | 52.0 | 0.3 | 0.5% | 87.7% | 53.2 | 52.9 | -0.3 | -0.6% | 87.7% | 51.7 | 51.8 | 0.1 | 0.2% |
| 88.9% | 50.4 | 50.9 | 0.5 | 1.1% | 88.9% | 51.6 | 51.9 | 0.3 | 0.6% | 88.9% | 53.1 | 52.9 | -0.2 | -0.3% | 88.9% | 51.4 | 51.5 | 0.1 | 0.2% |
| 90.1% | 50.4 | 50.9 | 0.5 | 1.0% | 90.1% | 51.6 | 51.8 | 0.3 | 0.5% | 90.1% | 53.0 | 52.8 | -0.3 | -0.5% | 90.1% | 51.4 | 51.4 | 0.0 | 0.0% |
| 91.4% | 50.3 | 50.8 | 0.5 | 1.0% | 91.4% | 51.6 | 51.8 | 0.2 | 0.4% | 91.4% | 52.9 | 52.7 | -0.2 | -0.4% | 91.4% | 51.4 | 51.1 | -0.3 | -0.6% |
| 92.6% | 50.3 | 50.7 | 0.4 | 0.9% | 92.6% | 51.4 | 51.7 | 0.3 | 0.6% | 92.6% | 52.8 | 52.6 | -0.3 | -0.5% | 92.6% | 51.2 | 51.0 | -0.2 | -0.3% |
| 93.8% | 50.3 | 50.7 | 0.4 | 0.9% | 93.8% | 51.4 | 51.6 | 0.1 | 0.3% | 93.8% | 52.8 | 52.5 | -0.2 | -0.4% | 93.8% | 50.9 | 51.0 | 0.1 | 0.1% |
| 95.1% | 50.2 | 50.6 | 0.4 | 0.8% | 95.1% | 51.3 | 51.5 | 0.2 | 0.4% | 95.1% | 52.2 | 52.2 | 0.0 | 0.1% | 95.1% | 50.8 | 51.0 | 0.2 | 0.4% |
| 96.3% | 50.1 | 50.6 | 0.5 | 1.0% | 96.3% | 51.1 | 51.5 | 0.3 | 0.6% | 96.3% | 52.2 | 52.2 | 0.0 | 0.0% | 96.3% | 50.8 | 50.8 | 0.0 | 0.0% |
| 97.5% | 50.0 | 50.5 | 0.6 | 1.1% | 97.5% | 51.0 | 51.1 | 0.1 | 0.2% | 97.5% | 52.0 | 52.1 | 0.1 | 0.1% | 97.5% | 50.6 | 50.7 | 0.1 | 0.2% |
| 98.8% | 49.9 | 50.1 | 0.3 | 0.5% | 98.8% | 50.9 | 51.0 | 0.2 | 0.3% | 98.8% | 51.9 | 51.9 | 0.0 | 0.0% | 98.8% | 50.4 | 50.6 | 0.1 | 0.3% |
| 100.0% | 49.9 | 50.1 | 0.3 | 0.5% | 100.0% | 50.9 | 51.0 | 0.2 | 0.3% | 100.0% | 51.9 | 51.9 | 0.0 | 0.0% | 100.0% | 50.4 | 50.6 | 0.1 | 0.3% |

## Table SQ15-1b

**Clear Creek at Mouth, Monthly Temperature**

**Probability of Exceedance**

| June to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 60.7 | 59.1 | -1.6 | -2.6% |
| 1.2% | 57.4 | 55.8 | -1.5 | -2.7% |
| 2.5% | 56.8 | 55.8 | -1.0 | -1.8% |
| 3.7% | 56.1 | 55.7 | -0.4 | -0.7% |
| 4.9% | 55.6 | 55.5 | -0.2 | -0.3% |
| 6.2% | 55.4 | 55.4 | -0.1 | -0.1% |
| 7.4% | 55.4 | 55.4 | 0.0 | 0.0% |
| 8.6% | 55.3 | 55.2 | -0.1 | -0.2% |
| 9.9% | 55.3 | 55.1 | -0.1 | -0.3% |
| 11.1% | 55.2 | 55.1 | -0.1 | -0.3% |
| 12.3% | 55.1 | 55.0 | -0.1 | -0.1% |
| 13.6% | 55.0 | 54.9 | -0.1 | -0.2% |
| 14.8% | 55.0 | 54.9 | 0.0 | -0.1% |
| 16.0% | 54.9 | 54.9 | -0.1 | -0.1% |
| 17.3% | 54.9 | 54.6 | -0.3 | -0.5% |
| 18.5% | 54.9 | 54.6 | -0.3 | -0.5% |
| 19.8% | 54.8 | 54.6 | -0.2 | -0.4% |
| 21.0% | 54.6 | 54.5 | -0.2 | -0.3% |
| 22.2% | 54.5 | 54.4 | -0.2 | -0.3% |
| 23.5% | 54.5 | 54.3 | -0.2 | -0.3% |
| 24.7% | 54.3 | 54.3 | 0.0 | 0.1% |
| 25.9% | 54.2 | 54.3 | 0.0 | 0.0% |
| 27.2% | 54.2 | 54.2 | -0.1 | -0.1% |
| 28.4% | 54.2 | 54.1 | -0.1 | -0.3% |
| 29.6% | 54.2 | 54.1 | -0.1 | -0.2% |
| 30.9% | 54.1 | 54.0 | -0.1 | -0.2% |
| 32.1% | 54.0 | 53.9 | -0.1 | -0.2% |
| 33.3% | 54.0 | 53.9 | -0.1 | -0.2% |
| 34.6% | 53.7 | 53.8 | 0.1 | 0.2% |
| 35.8% | 53.7 | 53.8 | 0.1 | 0.2% |
| 37.0% | 53.6 | 53.7 | 0.1 | 0.2% |
| 38.3% | 53.5 | 53.7 | 0.2 | 0.4% |
| 39.5% | 53.5 | 53.6 | 0.1 | 0.2% |
| 40.7% | 53.5 | 53.6 | 0.1 | 0.2% |
| 42.0% | 53.3 | 53.6 | 0.3 | 0.5% |
| 43.2% | 53.2 | 53.5 | 0.3 | 0.5% |
| 44.4% | 53.2 | 53.5 | 0.3 | 0.5% |
| 45.7% | 53.1 | 53.4 | 0.3 | 0.6% |
| 46.9% | 53.1 | 53.3 | 0.3 | 0.5% |
| 48.1% | 53.0 | 53.2 | 0.2 | 0.4% |
| 49.4% | 53.0 | 53.2 | 0.2 | 0.4% |
| 50.6% | 53.0 | 53.1 | 0.1 | 0.3% |
| 51.9% | 52.9 | 53.1 | 0.2 | 0.4% |
| 53.1% | 52.9 | 53.0 | 0.1 | 0.2% |
| 54.3% | 52.9 | 53.0 | 0.1 | 0.2% |
| 55.6% | 52.9 | 53.0 | 0.2 | 0.3% |
| 56.8% | 52.8 | 53.0 | 0.2 | 0.3% |
| 58.0% | 52.8 | 53.0 | 0.2 | 0.4% |
| 59.3% | 52.8 | 53.0 | 0.2 | 0.4% |
| 60.5% | 52.7 | 53.0 | 0.3 | 0.5% |
| 61.7% | 52.6 | 52.9 | 0.3 | 0.6% |
| 63.0% | 52.6 | 52.9 | 0.3 | 0.6% |
| 64.2% | 52.6 | 52.9 | 0.3 | 0.6% |
| 65.4% | 52.5 | 52.9 | 0.4 | 0.7% |
| 66.7% | 52.5 | 52.8 | 0.4 | 0.7% |
| 67.9% | 52.4 | 52.8 | 0.4 | 0.7% |
| 69.1% | 52.4 | 52.7 | 0.3 | 0.6% |
| 70.4% | 52.4 | 52.7 | 0.3 | 0.5% |
| 71.6% | 52.4 | 52.7 | 0.3 | 0.6% |
| 72.8% | 52.4 | 52.6 | 0.3 | 0.5% |
| 74.1% | 52.3 | 52.6 | 0.3 | 0.5% |
| 75.3% | 52.3 | 52.6 | 0.3 | 0.5% |
| 76.5% | 52.3 | 52.5 | 0.2 | 0.3% |
| 77.8% | 52.3 | 52.4 | 0.1 | 0.2% |
| 79.0% | 52.3 | 52.4 | 0.1 | 0.2% |
| 80.2% | 52.2 | 52.4 | 0.2 | 0.4% |
| 81.5% | 52.1 | 52.3 | 0.1 | 0.2% |
| 82.7% | 52.1 | 52.2 | 0.1 | 0.2% |
| 84.0% | 51.9 | 52.2 | 0.3 | 0.6% |
| 85.2% | 51.9 | 52.2 | 0.2 | 0.5% |
| 86.4% | 51.8 | 52.1 | 0.3 | 0.6% |
| 87.7% | 51.8 | 52.1 | 0.3 | 0.6% |
| 88.9% | 51.8 | 52.0 | 0.1 | 0.3% |
| 90.1% | 51.8 | 51.9 | 0.1 | 0.2% |
| 91.4% | 51.6 | 51.9 | 0.2 | 0.5% |
| 92.6% | 51.6 | 51.8 | 0.2 | 0.5% |
| 93.8% | 51.5 | 51.7 | 0.2 | 0.4% |
| 95.1% | 51.4 | 51.6 | 0.2 | 0.4% |
| 96.3% | 51.4 | 51.5 | 0.1 | 0.2% |
| 97.5% | 51.3 | 51.4 | 0.1 | 0.2% |
| 98.8% | 51.3 | 51.3 | 0.0 | 0.0% |
| 100.0% | 51.3 | 51.1 | -0.2 | -0.4% |

| July to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 62.8 | 61.0 | -1.9 | -3.0% |
| 1.2% | 58.9 | 56.7 | -2.2 | -3.8% |
| 2.5% | 58.0 | 56.6 | -1.4 | -2.3% |
| 3.7% | 56.8 | 55.9 | -0.9 | -1.6% |
| 4.9% | 56.3 | 55.9 | -0.5 | -0.8% |
| 6.2% | 56.1 | 55.9 | -0.3 | -0.5% |
| 7.4% | 56.1 | 55.8 | -0.2 | -0.4% |
| 8.6% | 55.7 | 55.8 | 0.0 | 0.0% |
| 9.9% | 55.7 | 55.8 | 0.0 | 0.1% |
| 11.1% | 55.7 | 55.7 | 0.0 | 0.0% |
| 12.3% | 55.7 | 55.6 | -0.1 | -0.1% |
| 13.6% | 55.6 | 55.5 | -0.1 | -0.2% |
| 14.8% | 55.6 | 55.5 | -0.1 | -0.2% |
| 16.0% | 55.5 | 55.4 | -0.2 | -0.3% |
| 17.3% | 55.5 | 55.3 | -0.2 | -0.4% |
| 18.5% | 55.3 | 55.2 | -0.2 | -0.3% |
| 19.8% | 55.3 | 55.0 | -0.3 | -0.6% |
| 21.0% | 55.2 | 55.0 | -0.2 | -0.4% |
| 22.2% | 55.1 | 55.0 | -0.2 | -0.3% |
| 23.5% | 55.0 | 54.9 | 0.0 | -0.1% |
| 24.7% | 54.9 | 54.9 | 0.0 | -0.1% |
| 25.9% | 54.9 | 54.9 | -0.1 | -0.1% |
| 27.2% | 54.9 | 54.8 | -0.1 | -0.1% |
| 28.4% | 54.8 | 54.6 | -0.2 | -0.5% |
| 29.6% | 54.8 | 54.6 | -0.2 | -0.5% |
| 30.9% | 54.7 | 54.5 | -0.2 | -0.4% |
| 32.1% | 54.6 | 54.4 | -0.1 | -0.2% |
| 33.3% | 54.5 | 54.4 | -0.1 | -0.1% |
| 34.6% | 54.5 | 54.4 | -0.1 | -0.2% |
| 35.8% | 54.3 | 54.3 | 0.0 | 0.0% |
| 37.0% | 54.2 | 54.3 | 0.0 | 0.1% |
| 38.3% | 54.1 | 54.3 | 0.2 | 0.4% |
| 39.5% | 54.0 | 54.1 | 0.1 | 0.1% |
| 40.7% | 53.9 | 53.9 | 0.0 | 0.0% |
| 42.0% | 53.8 | 53.8 | 0.0 | 0.0% |
| 43.2% | 53.7 | 53.8 | 0.1 | 0.2% |
| 44.4% | 53.7 | 53.8 | 0.2 | 0.3% |
| 45.7% | 53.5 | 53.8 | 0.3 | 0.5% |
| 46.9% | 53.5 | 53.8 | 0.3 | 0.5% |
| 48.1% | 53.5 | 53.7 | 0.2 | 0.4% |
| 49.4% | 53.5 | 53.7 | 0.2 | 0.4% |
| 50.6% | 53.5 | 53.7 | 0.2 | 0.5% |
| 51.9% | 53.4 | 53.7 | 0.2 | 0.5% |
| 53.1% | 53.4 | 53.7 | 0.2 | 0.5% |
| 54.3% | 53.4 | 53.7 | 0.3 | 0.5% |
| 55.6% | 53.3 | 53.5 | 0.2 | 0.3% |
| 56.8% | 53.3 | 53.5 | 0.2 | 0.3% |
| 58.0% | 53.2 | 53.4 | 0.2 | 0.3% |
| 59.3% | 53.2 | 53.4 | 0.2 | 0.4% |
| 60.5% | 53.1 | 53.3 | 0.2 | 0.4% |
| 61.7% | 53.1 | 53.3 | 0.2 | 0.3% |
| 63.0% | 53.1 | 53.3 | 0.2 | 0.3% |
| 64.2% | 53.0 | 53.3 | 0.3 | 0.6% |
| 65.4% | 52.9 | 53.3 | 0.3 | 0.6% |
| 66.7% | 52.9 | 53.3 | 0.3 | 0.6% |
| 67.9% | 52.9 | 53.2 | 0.3 | 0.6% |
| 69.1% | 52.9 | 53.2 | 0.3 | 0.6% |
| 70.4% | 52.9 | 53.2 | 0.3 | 0.5% |
| 71.6% | 52.8 | 53.1 | 0.3 | 0.6% |
| 72.8% | 52.8 | 53.1 | 0.4 | 0.7% |
| 74.1% | 52.7 | 53.0 | 0.3 | 0.5% |
| 75.3% | 52.7 | 53.0 | 0.2 | 0.5% |
| 76.5% | 52.7 | 53.0 | 0.2 | 0.4% |
| 77.8% | 52.7 | 52.9 | 0.1 | 0.3% |
| 79.0% | 52.7 | 52.7 | 0.0 | 0.1% |
| 80.2% | 52.7 | 52.7 | 0.0 | 0.1% |
| 81.5% | 52.6 | 52.7 | 0.1 | 0.1% |
| 82.7% | 52.6 | 52.7 | 0.1 | 0.2% |
| 84.0% | 52.5 | 52.7 | 0.2 | 0.3% |
| 85.2% | 52.5 | 52.6 | 0.1 | 0.3% |
| 86.4% | 52.3 | 52.4 | 0.1 | 0.2% |
| 87.7% | 52.1 | 52.3 | 0.1 | 0.2% |
| 88.9% | 52.1 | 52.2 | 0.0 | 0.1% |
| 90.1% | 52.0 | 52.1 | 0.1 | 0.2% |
| 91.4% | 52.0 | 52.1 | 0.1 | 0.2% |
| 92.6% | 51.9 | 52.0 | 0.1 | 0.2% |
| 93.8% | 51.9 | 52.0 | 0.1 | 0.3% |
| 95.1% | 51.9 | 52.0 | 0.1 | 0.2% |
| 96.3% | 51.8 | 51.7 | -0.1 | -0.2% |
| 97.5% | 51.7 | 51.6 | -0.1 | -0.1% |
| 98.8% | 51.7 | 51.6 | -0.1 | -0.2% |
| 100.0% | 51.4 | 51.1 | -0.3 | -0.6% |

| August to September | | | | |
|---|---|---|---|---|
| Percent Exceedance Probability (%) | WSIP 2030 Without Project Monthly Temperature (DEGF) | WSIP 2030 With Project Monthly Temperature (DEGF) | Absolute Difference (DEGF) | Relative Difference (%) |
| 0.0% | 65.5 | 63.3 | -2.2 | -3.3% |
| 1.2% | 60.9 | 57.5 | -3.4 | -5.5% |
| 2.5% | 59.2 | 57.1 | -2.1 | -3.5% |
| 3.7% | 57.6 | 56.4 | -1.2 | -2.1% |
| 4.9% | 57.0 | 56.3 | -0.7 | -1.2% |
| 6.2% | 56.8 | 56.3 | -0.5 | -0.9% |
| 7.4% | 56.6 | 56.2 | -0.4 | -0.8% |
| 8.6% | 56.2 | 55.8 | -0.3 | -0.6% |
| 9.9% | 55.9 | 55.7 | -0.2 | -0.3% |
| 11.1% | 55.9 | 55.7 | -0.2 | -0.4% |
| 12.3% | 55.9 | 55.6 | -0.2 | -0.4% |
| 13.6% | 55.7 | 55.6 | -0.1 | -0.2% |
| 14.8% | 55.6 | 55.4 | -0.2 | -0.4% |
| 16.0% | 55.6 | 55.4 | -0.2 | -0.4% |
| 17.3% | 55.6 | 55.3 | -0.3 | -0.5% |
| 18.5% | 55.5 | 55.2 | -0.3 | -0.6% |
| 19.8% | 55.5 | 55.1 | -0.3 | -0.6% |
| 21.0% | 55.4 | 55.1 | -0.3 | -0.6% |
| 22.2% | 55.4 | 55.1 | -0.3 | -0.5% |
| 23.5% | 55.4 | 55.1 | -0.3 | -0.5% |
| 24.7% | 55.4 | 55.1 | -0.3 | -0.5% |
| 25.9% | 55.3 | 55.1 | -0.3 | -0.5% |
| 27.2% | 55.3 | 55.0 | -0.3 | -0.5% |
| 28.4% | 55.2 | 55.0 | -0.2 | -0.4% |
| 29.6% | 55.2 | 55.0 | -0.2 | -0.3% |
| 30.9% | 55.1 | 55.0 | -0.1 | -0.2% |
| 32.1% | 55.0 | 55.0 | 0.0 | 0.0% |
| 33.3% | 55.0 | 54.8 | -0.1 | -0.3% |
| 34.6% | 54.8 | 54.8 | 0.0 | 0.0% |
| 35.8% | 54.6 | 54.8 | 0.2 | 0.3% |
| 37.0% | 54.5 | 54.5 | 0.0 | 0.0% |
| 38.3% | 54.4 | 54.5 | 0.1 | 0.2% |
| 39.5% | 54.4 | 54.5 | 0.1 | 0.3% |
| 40.7% | 54.3 | 54.4 | 0.1 | 0.3% |
| 42.0% | 54.3 | 54.2 | 0.0 | -0.1% |
| 43.2% | 54.3 | 54.1 | -0.1 | -0.2% |
| 44.4% | 54.1 | 54.1 | 0.0 | 0.0% |
| 45.7% | 54.1 | 54.0 | -0.1 | -0.1% |
| 46.9% | 53.9 | 54.0 | 0.1 | 0.2% |
| 48.1% | 53.9 | 53.9 | 0.1 | 0.1% |
| 49.4% | 53.8 | 53.9 | 0.1 | 0.1% |
| 50.6% | 53.7 | 53.9 | 0.1 | 0.2% |
| 51.9% | 53.7 | 53.8 | 0.1 | 0.2% |
| 53.1% | 53.7 | 53.8 | 0.1 | 0.2% |
| 54.3% | 53.7 | 53.8 | 0.1 | 0.2% |
| 55.6% | 53.6 | 53.8 | 0.2 | 0.3% |
| 56.8% | 53.6 | 53.8 | 0.1 | 0.3% |
| 58.0% | 53.5 | 53.8 | 0.2 | 0.4% |
| 59.3% | 53.5 | 53.8 | 0.3 | 0.5% |
| 60.5% | 53.5 | 53.7 | 0.2 | 0.4% |
| 61.7% | 53.5 | 53.7 | 0.2 | 0.4% |
| 63.0% | 53.5 | 53.7 | 0.2 | 0.4% |
| 64.2% | 53.4 | 53.7 | 0.3 | 0.6% |
| 65.4% | 53.4 | 53.7 | 0.3 | 0.6% |
| 66.7% | 53.3 | 53.6 | 0.3 | 0.5% |
| 67.9% | 53.3 | 53.5 | 0.2 | 0.4% |
| 69.1% | 53.3 | 53.3 | 0.0 | 0.0% |
| 70.4% | 53.2 | 53.2 | 0.0 | 0.1% |
| 71.6% | 53.2 | 53.2 | 0.0 | 0.1% |
| 72.8% | 53.1 | 53.2 | 0.1 | 0.1% |
| 74.1% | 53.1 | 53.2 | 0.1 | 0.2% |
| 75.3% | 53.0 | 53.2 | 0.1 | 0.2% |
| 76.5% | 52.9 | 53.1 | 0.2 | 0.3% |
| 77.8% | 52.8 | 53.1 | 0.3 | 0.6% |
| 79.0% | 52.8 | 53.1 | 0.3 | 0.6% |
| 80.2% | 52.7 | 53.1 | 0.3 | 0.6% |
| 81.5% | 52.7 | 53.0 | 0.4 | 0.7% |
| 82.7% | 52.7 | 53.0 | 0.3 | 0.6% |
| 84.0% | 52.6 | 52.8 | 0.2 | 0.4% |
| 85.2% | 52.5 | 52.7 | 0.2 | 0.4% |
| 86.4% | 52.5 | 52.4 | -0.1 | -0.1% |
| 87.7% | 52.4 | 52.3 | -0.1 | -0.1% |
| 88.9% | 52.4 | 52.3 | -0.1 | -0.1% |
| 90.1% | 52.3 | 52.2 | 0.0 | -0.1% |
| 91.4% | 52.2 | 52.2 | 0.0 | 0.1% |
| 92.6% | 52.1 | 52.0 | -0.1 | -0.2% |
| 93.8% | 52.1 | 52.0 | -0.1 | -0.2% |
| 95.1% | 51.9 | 51.9 | 0.0 | 0.0% |
| 96.3% | 51.9 | 51.7 | -0.2 | -0.3% |
| 97.5% | 51.8 | 51.6 | -0.2 | -0.4% |
| 98.8% | 51.5 | 51.5 | 0.0 | 0.0% |
| 100.0% | 51.2 | 50.7 | -0.5 | -0.9% |