

Salmon River Basin SWSI

Adequate Water Supply Not Available or Known

| Station ID | Station Name | Period | Data Type | Years | # of Years | | |
|---|-----------------------|---------|---------------------|------------------|----------------------------|----------------------------|------|
| 13317000 | Salmon R at Whitebird | Apr-Sep | strm | 1991-2022 | 32 Units KAF | | |
| ENSO Classification | | | | | | | |
| SE Strong El Nino - EN Mild El Nino - N Neutral - LN Mild La Nina - SL Strong La Nina | | | | | | | |
| Rank | Year | Enso | Stream Flow Apr-Sep | Reservoir 31-Jan | Streamflow + Reservoir Sum | Non-Exceedance Probability | SWSI |
| 1 | 1997 | N | 10250 | 0 | 10250 | 97% | 3.9 |
| 2 | 2017 | LN | 9301 | 0 | 9301 | 94% | 3.7 |
| 3 | 2011 | SL | 9175 | 0 | 9175 | 91% | 3.4 |
| 4 | 1996 | N | 9149 | 0 | 9149 | 88% | 3.2 |
| 5 | 1999 | SL | 7785 | 0 | 7785 | 85% | 2.9 |
| 2023 10% Chance Exceedance Forecast | | LN | 7690 | 0 | 7690 | 83% | 2.8 |
| 6 | 1995 | SE | 7579 | 0 | 7579 | 82% | 2.7 |
| 7 | 2018 | LN | 7226 | 0 | 7226 | 79% | 2.4 |
| 8 | 2009 | N | 7169 | 0 | 7169 | 76% | 2.1 |
| 9 | 2008 | N | 7145 | 0 | 7145 | 73% | 1.9 |
| 10 | 2012 | LN | 7082 | 0 | 7082 | 70% | 1.6 |
| 11 | 2006 | N | 6947 | 0 | 6947 | 67% | 1.4 |
| 12 | 2014 | N | 6822 | 0 | 6822 | 64% | 1.1 |
| 13 | 1993 | EN | 6673 | 0 | 6673 | 61% | 0.9 |
| 14 | 1998 | SE | 6622 | 0 | 6622 | 58% | 0.6 |
| 15 | 2019 | N | 6600 | 0 | 6600 | 55% | 0.4 |
| 16 | 2020 | N | 6591 | 0 | 6591 | 52% | 0.1 |
| 2023 30% Chance Exceedance Forecast | | LN | 6560 | 0 | 6560 | 50% | 0.0 |
| 17 | 2022 | LN | 6026 | 0 | 6026 | 48% | -0.1 |
| 18 | 2010 | EN | 5967 | 0 | 5967 | 45% | -0.4 |
| 2023 50% Chance Exceedance Forecast | | LN | 5800 | 0 | 5800 | 44% | -0.5 |
| 19 | 2016 | SE | 5752 | 0 | 5752 | 42% | -0.6 |
| 20 | 2003 | EN | 5705 | 0 | 5705 | 39% | -0.9 |
| 21 | 2002 | N | 5045 | 0 | 5045 | 36% | -1.1 |
| 2023 70% Chance Exceedance Forecast | | LN | 5040 | 0 | 5040 | 35% | -1.3 |
| 22 | 2000 | N | 4859 | 0 | 4859 | 33% | -1.4 |
| 23 | 2013 | N | 4852 | 0 | 4852 | 30% | -1.6 |
| 24 | 2004 | N | 4590 | 0 | 4590 | 27% | -1.9 |
| 25 | 1991 | N | 4384 | 0 | 4384 | 24% | -2.1 |
| 26 | 2005 | EN | 4330 | 0 | 4330 | 21% | -2.4 |
| 27 | 2015 | EN | 4066 | 0 | 4066 | 18% | -2.7 |
| 28 | 2007 | EN | 4058 | 0 | 4058 | 15% | -2.9 |
| 2023 90% Chance Exceedance Forecast | | LN | 3910 | 0 | 3910 | 14% | -3.0 |
| 29 | 2021 | LN | 3747 | 0 | 3747 | 12% | -3.2 |
| 30 | 1994 | SE | 3222 | 0 | 3222 | 9% | -3.4 |
| 31 | 1992 | EN | 3050 | 0 | 3050 | 6% | -3.7 |
| 32 | 2001 | LN | 2983 | 0 | 2983 | 3% | -3.9 |