

Alpine Lake Diversion and Storage Data

Owner: Marin Municipal Water District

Water Right IDs: A009892, S014039

Measurement Device ID: M000715

These data readings and calculations are preliminary. Most data relayed by telemetry have received little or no review. Inaccuracies in the data may be present because of instrument malfunctions and/or physical changes at the measurement site. Subsequent review may result in significant revisions to the data.

| Date | Measured Water Level Down From Spillway | Unit | Amount Diverted* | Calculated Storage (AF) |
|-------------|--|-------------|-------------------------|--------------------------------|
| 1/1/2020 | 3.92 | Feet | | 8,063 |
| 1/2/2020 | 3.84 | Feet | | 8,080 |
| 1/3/2020 | 3.73 | Feet | | 8,101 |
| 1/4/2020 | 3.67 | Feet | | 8,114 |
| 1/5/2020 | 3.67 | Feet | | 8,116 |
| 1/6/2020 | 3.63 | Feet | | 8,123 |
| 1/7/2020 | 3.58 | Feet | | 8,133 |
| 1/8/2020 | 3.57 | Feet | | 8,133 |
| 1/9/2020 | 3.22 | Feet | | 8,210 |
| 1/10/2020 | 3.23 | Feet | | 8,210 |
| 1/11/2020 | 3.18 | Feet | | 8,215 |
| 1/12/2020 | 3.15 | Feet | | 8,222 |
| 1/13/2020 | 2.98 | Feet | | 8,250 |
| 1/14/2020 | 2.74 | Feet | | 8,307 |
| 1/15/2020 | 2.60 | Feet | | 8,333 |
| 1/16/2020 | 1.86 | Feet | | 8,490 |
| 1/17/2020 | 1.38 | Feet | | 8,586 |
| 1/18/2020 | 1.13 | Feet | | 8,647 |
| 1/19/2020 | 1.04 | Feet | | 8,669 |
| 1/20/2020 | 0.92 | Feet | | 8,689 |
| 1/21/2020 | 0.29 | Feet | | 8,823 |
| 1/22/2020 | -0.44 | Feet | | 8,891 |
| 1/23/2020 | -0.64 | Feet | | 8,891 |
| 1/24/2020 | -0.57 | Feet | | 8,891 |
| 1/25/2020 | -0.48 | Feet | | 8,891 |
| 1/26/2020 | -0.44 | Feet | | 8,891 |
| 1/27/2020 | -0.38 | Feet | | 8,891 |
| 1/28/2020 | -0.36 | Feet | | 8,891 |
| 1/29/2020 | -0.31 | Feet | | 8,891 |
| 1/30/2020 | -0.25 | Feet | | 8,891 |
| 1/31/2020 | -0.21 | Feet | | 8,891 |
| 2/1/2020 | -0.16 | Feet | | 8,891 |
| 2/2/2020 | -0.14 | Feet | | 8,891 |

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|-----------|-------|------|--|-------|
| 2/3/2020 | -0.12 | Feet | | 8,891 |
| 2/4/2020 | -0.09 | Feet | | 8,891 |
| 2/5/2020 | -0.34 | Feet | | 8,891 |
| 2/6/2020 | -0.32 | Feet | | 8,891 |
| 2/7/2020 | -0.30 | Feet | | 8,891 |
| 2/8/2020 | -0.27 | Feet | | 8,891 |
| 2/9/2020 | -0.37 | Feet | | 8,891 |
| 2/10/2020 | -0.32 | Feet | | 8,891 |
| 2/11/2020 | -0.30 | Feet | | 8,891 |
| 2/12/2020 | -0.27 | Feet | | 8,891 |
| 2/13/2020 | -0.25 | Feet | | 8,891 |
| 2/14/2020 | -0.24 | Feet | | 8,891 |
| 2/15/2020 | -0.30 | Feet | | 8,891 |
| 2/16/2020 | -0.26 | Feet | | 8,891 |
| 2/17/2020 | -0.25 | Feet | | 8,891 |
| 2/18/2020 | -0.25 | Feet | | 8,891 |
| 2/19/2020 | -0.22 | Feet | | 8,891 |
| 2/20/2020 | -0.21 | Feet | | 8,891 |
| 2/21/2020 | -0.20 | Feet | | 8,891 |
| 2/22/2020 | -0.18 | Feet | | 8,891 |
| 2/23/2020 | -0.17 | Feet | | 8,891 |
| 2/24/2020 | -0.15 | Feet | | 8,891 |
| 2/25/2020 | -0.15 | Feet | | 8,891 |
| 2/26/2020 | -0.13 | Feet | | 8,891 |
| 2/27/2020 | -0.13 | Feet | | 8,891 |
| 2/28/2020 | -0.13 | Feet | | 8,891 |
| 2/29/2020 | -0.09 | Feet | | 8,891 |
| 3/1/2020 | -0.06 | Feet | | 8,891 |
| 3/2/2020 | 0.07 | Feet | | 8,877 |
| 3/3/2020 | 0.17 | Feet | | 8,856 |
| 3/4/2020 | 0.29 | Feet | | 8,830 |
| 3/5/2020 | 0.28 | Feet | | 8,830 |
| 3/6/2020 | 0.26 | Feet | | 8,836 |
| 3/7/2020 | 0.22 | Feet | | 8,845 |
| 3/8/2020 | 0.22 | Feet | | 8,845 |
| 3/9/2020 | 0.22 | Feet | | 8,845 |
| 3/10/2020 | 0.20 | Feet | | 8,847 |
| 3/11/2020 | 0.20 | Feet | | 8,852 |
| 3/12/2020 | 0.20 | Feet | | 8,852 |
| 3/13/2020 | 0.12 | Feet | | 8,864 |
| 3/14/2020 | 0.06 | Feet | | 8,877 |
| 3/15/2020 | 0.00 | Feet | | 8,891 |
| 3/16/2020 | 0.00 | Feet | | 8,891 |
| 3/17/2020 | -0.02 | Feet | | 8,891 |
| 3/18/2020 | -0.03 | Feet | | 8,891 |
| 3/19/2020 | -0.03 | Feet | | 8,891 |
| 3/20/2020 | -0.04 | Feet | | 8,891 |

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|-----------|-------|------|--|-------|
| 3/21/2020 | -0.04 | Feet | | 8,891 |
| 3/22/2020 | -0.04 | Feet | | 8,891 |
| 3/23/2020 | -0.03 | Feet | | 8,891 |
| 3/24/2020 | -0.13 | Feet | | 8,891 |
| 3/25/2020 | -0.10 | Feet | | 8,891 |
| 3/26/2020 | -0.10 | Feet | | 8,891 |
| 3/27/2020 | -0.06 | Feet | | 8,891 |
| 3/28/2020 | -0.06 | Feet | | 8,891 |
| 3/29/2020 | -0.05 | Feet | | 8,891 |
| 3/30/2020 | -0.03 | Feet | | 8,891 |
| 3/31/2020 | -0.01 | Feet | | 8,891 |
| 4/1/2020 | 0.00 | Feet | | 8,891 |
| 4/2/2020 | -0.01 | Feet | | 8,891 |
| 4/3/2020 | 0.02 | Feet | | 8,886 |
| 4/4/2020 | -0.17 | Feet | | 8,891 |
| 4/5/2020 | -0.27 | Feet | | 8,891 |
| 4/6/2020 | -0.30 | Feet | | 8,891 |
| 4/7/2020 | -0.28 | Feet | | 8,891 |
| 4/8/2020 | -0.25 | Feet | | 8,891 |
| 4/9/2020 | -0.22 | Feet | | 8,891 |
| 4/10/2020 | -0.18 | Feet | | 8,891 |
| 4/11/2020 | -0.15 | Feet | | 8,891 |
| 4/12/2020 | -0.14 | Feet | | 8,891 |
| 4/13/2020 | -0.13 | Feet | | 8,891 |
| 4/14/2020 | -0.24 | Feet | | 8,891 |
| 4/15/2020 | -0.21 | Feet | | 8,891 |
| 4/16/2020 | -0.24 | Feet | | 8,891 |
| 4/17/2020 | -0.21 | Feet | | 8,891 |
| 4/18/2020 | -0.18 | Feet | | 8,891 |
| 4/19/2020 | -0.17 | Feet | | 8,891 |
| 4/20/2020 | -0.15 | Feet | | 8,891 |
| 4/21/2020 | -0.14 | Feet | | 8,891 |
| 4/22/2020 | -0.18 | Feet | | 8,891 |
| 4/23/2020 | -0.17 | Feet | | 8,891 |
| 4/24/2020 | -0.17 | Feet | | 8,891 |
| 4/25/2020 | -0.17 | Feet | | 8,891 |
| 4/26/2020 | -0.18 | Feet | | 8,891 |
| 4/27/2020 | -0.22 | Feet | | 8,891 |
| 4/28/2020 | -0.20 | Feet | | 8,891 |
| 4/29/2020 | -0.19 | Feet | | 8,891 |
| 4/30/2020 | -0.20 | Feet | | 8,891 |
| 5/1/2020 | -0.18 | Feet | | 8,891 |
| 5/2/2020 | -0.18 | Feet | | 8,891 |
| 5/3/2020 | -0.15 | Feet | | 8,891 |
| 5/4/2020 | -0.14 | Feet | | 8,891 |
| 5/5/2020 | -0.14 | Feet | | 8,891 |
| 5/6/2020 | -0.13 | Feet | | 8,891 |

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|-----------|-------|------|--|-------|
| 5/7/2020 | -0.13 | Feet | | 8,891 |
| 5/8/2020 | -0.13 | Feet | | 8,891 |
| 5/9/2020 | -0.13 | Feet | | 8,891 |
| 5/10/2020 | -0.12 | Feet | | 8,891 |
| 5/11/2020 | -0.19 | Feet | | 8,891 |
| 5/12/2020 | -0.15 | Feet | | 8,891 |
| 5/13/2020 | -0.01 | Feet | | 8,891 |
| 5/14/2020 | 0.16 | Feet | | 8,858 |
| 5/15/2020 | 0.35 | Feet | | 8,816 |
| 5/16/2020 | 0.51 | Feet | | 8,781 |
| 5/17/2020 | 0.59 | Feet | | 8,763 |
| 5/18/2020 | 0.62 | Feet | | 8,757 |
| 5/19/2020 | 0.76 | Feet | | 8,726 |
| 5/20/2020 | 0.95 | Feet | | 8,686 |
| 5/21/2020 | 1.12 | Feet | | 8,649 |
| 5/22/2020 | 1.29 | Feet | | 8,612 |
| 5/23/2020 | 1.46 | Feet | | 8,577 |
| 5/24/2020 | 1.65 | Feet | | 8,535 |
| 5/25/2020 | 1.82 | Feet | | 8,501 |
| 5/26/2020 | 2.04 | Feet | | 8,452 |
| 5/27/2020 | 2.22 | Feet | | 8,415 |
| 5/28/2020 | 2.39 | Feet | | 8,381 |
| 5/29/2020 | 2.51 | Feet | | 8,354 |
| 5/30/2020 | 2.49 | Feet | | 8,359 |
| 5/31/2020 | 2.51 | Feet | | 8,354 |
| 6/1/2020 | 2.51 | Feet | | 8,354 |
| 6/2/2020 | 2.51 | Feet | | 8,354 |
| 6/3/2020 | 2.51 | Feet | | 8,354 |
| 6/4/2020 | 2.51 | Feet | | 8,357 |
| 6/5/2020 | 2.51 | Feet | | 8,354 |
| 6/6/2020 | 2.54 | Feet | | 8,348 |
| 6/7/2020 | 2.56 | Feet | | 8,345 |
| 6/8/2020 | 2.59 | Feet | | 8,342 |
| 6/9/2020 | 2.60 | Feet | | 8,335 |
| 6/10/2020 | 2.61 | Feet | | 8,335 |
| 6/11/2020 | 2.62 | Feet | | 8,331 |
| 6/12/2020 | 2.62 | Feet | | 8,331 |
| 6/13/2020 | 2.64 | Feet | | 8,329 |
| 6/14/2020 | 2.65 | Feet | | 8,326 |
| 6/15/2020 | 2.67 | Feet | | 8,322 |
| 6/16/2020 | 2.69 | Feet | | 8,320 |
| 6/17/2020 | 2.71 | Feet | | 8,315 |
| 6/18/2020 | 2.71 | Feet | | 8,313 |
| 6/19/2020 | 2.72 | Feet | | 8,309 |
| 6/20/2020 | 2.73 | Feet | | 8,309 |
| 6/21/2020 | 2.77 | Feet | | 8,301 |
| 6/22/2020 | 2.78 | Feet | | 8,300 |

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|-----------|------|------|--|-------|
| 6/23/2020 | 2.79 | Feet | | 8,296 |
| 6/24/2020 | 2.80 | Feet | | 8,296 |
| 6/25/2020 | 2.83 | Feet | | 8,290 |
| 6/26/2020 | 2.84 | Feet | | 8,288 |
| 6/27/2020 | 2.85 | Feet | | 8,285 |
| 6/28/2020 | 2.87 | Feet | | 8,281 |
| 6/29/2020 | 2.88 | Feet | | 8,279 |
| 6/30/2020 | 2.93 | Feet | | 8,265 |
| 7/1/2020 | 2.96 | Feet | | 8,263 |
| 7/2/2020 | 2.98 | Feet | | 8,259 |
| 7/3/2020 | 3.01 | Feet | | 8,250 |
| 7/4/2020 | 3.03 | Feet | | 8,246 |
| 7/5/2020 | 3.05 | Feet | | 8,242 |
| 7/6/2020 | 3.07 | Feet | | 8,239 |
| 7/7/2020 | 3.09 | Feet | | 8,235 |
| 7/8/2020 | 3.12 | Feet | | 8,229 |
| 7/9/2020 | 3.13 | Feet | | 8,227 |
| 7/10/2020 | 3.16 | Feet | | 8,218 |
| 7/11/2020 | 3.18 | Feet | | 8,217 |
| 7/12/2020 | 3.19 | Feet | | 8,215 |
| 7/13/2020 | 3.24 | Feet | | 8,205 |
| 7/14/2020 | 3.27 | Feet | | 8,199 |
| 7/15/2020 | 3.29 | Feet | | 8,194 |
| 7/16/2020 | 3.33 | Feet | | 8,183 |
| 7/17/2020 | 3.35 | Feet | | 8,179 |
| 7/18/2020 | 3.39 | Feet | | 8,172 |
| 7/19/2020 | 3.41 | Feet | | 8,168 |
| 7/20/2020 | 3.44 | Feet | | 8,161 |
| 7/21/2020 | 3.58 | Feet | | 8,133 |
| 7/22/2020 | 3.79 | Feet | | 8,088 |
| 7/23/2020 | 4.05 | Feet | | 8,039 |
| 7/24/2020 | 4.28 | Feet | | 7,992 |
| 7/25/2020 | 4.50 | Feet | | 7,947 |
| 7/26/2020 | 4.73 | Feet | | 7,901 |
| 7/27/2020 | 5.02 | Feet | | 7,843 |
| 7/28/2020 | 5.25 | Feet | | 7,796 |
| 7/29/2020 | 5.48 | Feet | | 7,751 |
| 7/30/2020 | 5.25 | Feet | | 7,800 |
| 7/31/2020 | 5.02 | Feet | | 7,843 |
| 8/1/2020 | 4.90 | Feet | | 7,869 |
| 8/2/2020 | 4.85 | Feet | | 7,878 |
| 8/3/2020 | 4.88 | Feet | | 7,874 |
| 8/4/2020 | 6.34 | Feet | | 7,586 |
| 8/5/2020 | 6.49 | Feet | | 7,556 |
| 8/6/2020 | 6.63 | Feet | | 7,529 |
| 8/7/2020 | 6.82 | Feet | | 7,494 |
| 8/8/2020 | 7.02 | Feet | | 7,458 |

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|-----------|-------|------|--|-------|
| 8/9/2020 | 7.23 | Feet | | 7,416 |
| 8/10/2020 | 7.46 | Feet | | 7,370 |
| 8/11/2020 | 7.71 | Feet | | 7,325 |
| 8/12/2020 | 7.94 | Feet | | 7,281 |
| 8/13/2020 | 8.19 | Feet | | 7,234 |
| 8/14/2020 | 8.43 | Feet | | 7,190 |
| 8/15/2020 | 8.68 | Feet | | 7,141 |
| 8/16/2020 | 8.92 | Feet | | 7,100 |
| 8/17/2020 | 9.04 | Feet | | 7,077 |
| 8/18/2020 | 9.07 | Feet | | 7,073 |
| 8/19/2020 | 9.11 | Feet | | 7,062 |
| 8/20/2020 | 9.21 | Feet | | 7,046 |
| 8/21/2020 | 9.17 | Feet | | 7,050 |
| 8/22/2020 | 9.21 | Feet | | 7,046 |
| 8/23/2020 | 9.27 | Feet | | 7,035 |
| 8/24/2020 | 9.42 | Feet | | 7,003 |
| 8/25/2020 | 9.71 | Feet | | 6,954 |
| 8/26/2020 | 9.96 | Feet | | 6,905 |
| 8/27/2020 | 10.23 | Feet | | 6,857 |
| 8/28/2020 | 10.50 | Feet | | 6,810 |
| 8/29/2020 | 10.77 | Feet | | 6,761 |
| 8/30/2020 | 11.04 | Feet | | 6,709 |
| 8/31/2020 | 11.30 | Feet | | 6,664 |
| 9/1/2020 | 11.40 | Feet | | 6,646 |
| 9/2/2020 | 11.43 | Feet | | 6,641 |
| 9/3/2020 | 11.45 | Feet | | 6,637 |
| 9/4/2020 | 11.48 | Feet | | 6,632 |
| 9/5/2020 | 11.50 | Feet | | 6,629 |
| 9/6/2020 | 11.52 | Feet | | 6,624 |
| 9/7/2020 | 11.55 | Feet | | 6,621 |
| 9/8/2020 | 11.59 | Feet | | 6,614 |
| 9/9/2020 | 11.61 | Feet | | 6,605 |
| 9/10/2020 | 11.63 | Feet | | 6,602 |
| 9/11/2020 | 11.65 | Feet | | 6,599 |
| 9/12/2020 | 11.67 | Feet | | 6,598 |
| 9/13/2020 | 11.69 | Feet | | 6,593 |
| 9/14/2020 | 11.71 | Feet | | 6,590 |
| 9/15/2020 | 11.75 | Feet | | 6,587 |
| 9/16/2020 | 11.75 | Feet | | 6,586 |
| 9/17/2020 | 11.77 | Feet | | 6,583 |
| 9/18/2020 | 11.79 | Feet | | 6,580 |
| 9/19/2020 | 11.80 | Feet | | 6,578 |
| 9/20/2020 | 11.82 | Feet | | 6,573 |
| 9/21/2020 | 11.84 | Feet | | 6,569 |
| 9/22/2020 | 11.86 | Feet | | 6,562 |
| 9/23/2020 | 11.88 | Feet | | 6,561 |
| 9/24/2020 | 11.90 | Feet | | 6,559 |

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|------------|-------|------|--|-------|
| 9/25/2020 | 11.92 | Feet | | 6,555 |
| 9/26/2020 | 11.94 | Feet | | 6,552 |
| 9/27/2020 | 11.96 | Feet | | 6,549 |
| 9/28/2020 | 11.98 | Feet | | 6,546 |
| 9/29/2020 | 11.99 | Feet | | 6,542 |
| 9/30/2020 | 12.02 | Feet | | 6,535 |
| 10/1/2020 | 12.02 | Feet | | 6,535 |
| 10/2/2020 | 12.04 | Feet | | 6,531 |
| 10/3/2020 | 12.04 | Feet | | 6,531 |
| 10/4/2020 | 12.07 | Feet | | 6,528 |
| 10/5/2020 | 12.09 | Feet | | 6,524 |
| 10/6/2020 | 12.11 | Feet | | 6,521 |
| 10/7/2020 | 12.11 | Feet | | 6,521 |
| 10/8/2020 | 11.45 | Feet | | 6,637 |
| 10/9/2020 | 11.45 | Feet | | 6,637 |
| 10/10/2020 | 11.46 | Feet | | 6,635 |
| 10/11/2020 | 11.47 | Feet | | 6,633 |
| 10/12/2020 | 11.47 | Feet | | 6,633 |
| 10/13/2020 | 11.63 | Feet | | 6,602 |
| 10/14/2020 | 11.90 | Feet | | 6,556 |
| 10/15/2020 | 12.17 | Feet | | 6,510 |
| 10/16/2020 | 12.44 | Feet | | 6,461 |
| 10/17/2020 | 12.69 | Feet | | 6,418 |
| 10/18/2020 | 12.96 | Feet | | 6,371 |
| 10/19/2020 | 13.23 | Feet | | 6,325 |
| 10/20/2020 | 13.50 | Feet | | 6,280 |
| 10/21/2020 | 13.73 | Feet | | 6,237 |
| 10/22/2020 | 14.00 | Feet | | 6,193 |
| 10/23/2020 | 14.25 | Feet | | 6,149 |
| 10/24/2020 | 14.52 | Feet | | 6,104 |
| 10/25/2020 | 14.66 | Feet | | 6,080 |
| 10/26/2020 | 14.66 | Feet | | 6,079 |
| 10/27/2020 | 14.82 | Feet | | 6,054 |
| 10/28/2020 | 15.11 | Feet | | 6,005 |
| 10/29/2020 | 15.54 | Feet | | 5,932 |
| 10/30/2020 | 15.80 | Feet | | 5,890 |
| 10/31/2020 | 15.86 | Feet | | 5,879 |
| 11/1/2020 | 15.86 | Feet | | 5,879 |
| 11/2/2020 | 15.86 | Feet | | 5,879 |
| 11/3/2020 | 16.05 | Feet | | 5,848 |
| 11/4/2020 | 16.34 | Feet | | 5,799 |
| 11/5/2020 | 16.60 | Feet | | 5,757 |
| 11/6/2020 | 16.86 | Feet | | 5,716 |
| 11/7/2020 | 17.13 | Feet | | 5,671 |
| 11/8/2020 | 17.42 | Feet | | 5,625 |
| 11/9/2020 | 17.69 | Feet | | 5,582 |
| 11/10/2020 | 17.96 | Feet | | 5,536 |

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|------------|-------|------|--|-------|
| 11/11/2020 | 18.22 | Feet | | 5,497 |
| 11/12/2020 | 18.48 | Feet | | 5,453 |
| 11/13/2020 | 18.59 | Feet | | 5,437 |
| 11/14/2020 | 18.84 | Feet | | 5,397 |
| 11/15/2020 | 19.10 | Feet | | 5,358 |
| 11/16/2020 | 19.38 | Feet | | 5,316 |

* Due to the complex nature of calculating the amount diverted for each water right, which involves multiple devices and data that need verification later in the year, a Measurement Method is used to quantify the amount of water diverted under all separate priorities of rights being exercised pursuant to California Code of Regulations, Title 23, Division 3, Chapter 2.8, Section 934. The amount diverted during the year will be reported in the annual Report of Licensee for each separate water right.

A reservoir gauge measures water level elevation in the reservoir, which is then converted to volume using a depth-capacity rating table.