

Phoenix Lake Diversion and Storage Data

Owner: Marin Municipal Water District

Water Right ID: S004745

Measurement Device ID: M002169

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)
1/1/2022	-0.34	Feet		411
1/2/2022	-0.24	Feet		411
1/3/2022	-1.11	Feet		411
1/4/2022	-0.82	Feet		411
1/5/2022	-0.58	Feet		411
1/6/2022	-0.45	Feet		411
1/7/2022	-0.35	Feet		411
1/8/2022	-0.26	Feet		411
1/9/2022	-0.18	Feet		411
1/10/2022	-0.14	Feet		411
1/11/2022	-0.09	Feet		411
1/12/2022	-0.07	Feet		411
1/13/2022	-0.04	Feet		411
1/14/2022	-0.02	Feet		411
1/15/2022	0.00	Feet		411
1/16/2022	0.02	Feet		411
1/17/2022	0.04	Feet		411
1/18/2022	0.05	Feet		411
1/19/2022	0.06	Feet		410
1/20/2022	0.07	Feet		410
1/21/2022	0.09	Feet		410
1/22/2022	0.10	Feet		410
1/23/2022	0.12	Feet		410
1/24/2022	0.12	Feet		410
1/25/2022	-0.15	Feet		411
1/26/2022	-0.15	Feet		411
1/27/2022	-0.15	Feet		411
1/28/2022	-0.13	Feet		411
1/29/2022	-0.13	Feet		411
1/30/2022	-0.12	Feet		411
1/31/2022	-0.12	Feet		411
2/1/2022	-0.12	Feet		411
2/2/2022	-0.10	Feet		411
2/3/2022	-0.10	Feet		411

2/4/2022	-0.09	Feet		411
2/5/2022	-0.09	Feet		411
2/6/2022	-0.07	Feet		411
2/7/2022	-0.07	Feet		411
2/8/2022	-0.07	Feet		411
2/9/2022	-0.06	Feet		411
2/10/2022	-0.06	Feet		411
2/11/2022	-0.06	Feet		411
2/12/2022	-0.05	Feet		411
2/13/2022	-0.04	Feet		411
2/14/2022	-0.04	Feet		411
2/15/2022	-0.04	Feet		411
2/16/2022	-0.03	Feet		411
2/17/2022	-0.03	Feet		411
2/18/2022	-0.03	Feet		411
2/19/2022	-0.03	Feet		411
2/20/2022	-0.02	Feet		411
2/21/2022	-0.02	Feet		411
2/22/2022	-0.08	Feet		411
2/23/2022	-0.07	Feet		411
2/24/2022	-0.06	Feet		411
2/25/2022	-0.06	Feet		411
2/26/2022	-0.06	Feet		411
2/27/2022	-0.06	Feet		411
2/28/2022	-0.06	Feet		411
3/1/2022	-0.06	Feet		411
3/2/2022	-0.06	Feet		411
3/3/2022	-0.07	Feet		411
3/4/2022	-0.07	Feet		411
3/5/2022	-0.07	Feet		411
3/6/2022	-0.06	Feet		411
3/7/2022	-0.06	Feet		411
3/8/2022	-0.05	Feet		411
3/9/2022	-0.05	Feet		411
3/10/2022	-0.04	Feet		411
3/11/2022	-0.03	Feet		411
3/12/2022	-0.03	Feet		411
3/13/2022	-0.03	Feet		411
3/14/2022	-0.04	Feet		411
3/15/2022	-0.04	Feet		411
3/16/2022	-0.04	Feet		411
3/17/2022	-0.04	Feet		411
3/18/2022	-0.03	Feet		411
3/19/2022	-0.05	Feet		411
3/20/2022	-0.04	Feet		411
3/21/2022	-0.04	Feet		411
3/22/2022	-0.04	Feet		411

3/23/2022	-0.03	Feet		411
3/24/2022	-0.03	Feet		411
3/25/2022	-0.03	Feet		411
3/26/2022	-0.02	Feet		411
3/27/2022	-0.10	Feet		411
3/28/2022	-0.12	Feet		411
3/29/2022	-0.09	Feet		411
3/30/2022	-0.06	Feet		411
3/31/2022	-0.04	Feet		411
4/1/2022	-0.03	Feet		411
4/2/2022	-0.02	Feet		411
4/3/2022	-0.01	Feet		411
4/4/2022	0.00	Feet		411
4/5/2022	0.00	Feet		411
4/6/2022	0.00	Feet		411
4/7/2022	0.02	Feet		411
4/8/2022	0.01	Feet		411
4/9/2022	0.02	Feet		411
4/10/2022	0.03	Feet		411
4/11/2022	-0.02	Feet		411
4/12/2022	-0.02	Feet		411
4/13/2022	-0.02	Feet		411
4/14/2022	-0.05	Feet		411
4/15/2022	-0.05	Feet		411
4/16/2022	-0.19	Feet		411
4/17/2022	-0.15	Feet		411
4/18/2022	-0.14	Feet		411
4/19/2022	-0.15	Feet		411
4/20/2022	-0.18	Feet		411
4/21/2022	-0.19	Feet		411
4/22/2022	-0.18	Feet		411
4/23/2022	-0.15	Feet		411
4/24/2022	-0.13	Feet		411
4/25/2022	-0.12	Feet		411
4/26/2022	-0.09	Feet		411
4/27/2022	-0.09	Feet		411
4/28/2022	-0.07	Feet		411
4/29/2022	-0.06	Feet		411
4/30/2022	-0.06	Feet		411
5/1/2022	-0.04	Feet		411
5/2/2022	-0.03	Feet		411
5/3/2022	-0.03	Feet		411
5/4/2022	-0.03	Feet		411
5/5/2022	-0.02	Feet		411
5/6/2022	-0.01	Feet		411
5/7/2022	-0.01	Feet		411
5/8/2022	0.00	Feet		411

5/9/2022	0.02	Feet		411
5/10/2022	0.02	Feet		411
5/11/2022	0.02	Feet		411
5/12/2022	0.03	Feet		411
5/13/2022	0.03	Feet		411
5/14/2022	0.04	Feet		411
5/15/2022	0.05	Feet		411
5/16/2022	0.05	Feet		410
5/17/2022	0.07	Feet		410
5/18/2022	0.07	Feet		410
5/19/2022	0.10	Feet		410
5/20/2022	0.12	Feet		410
5/21/2022	0.13	Feet		409
5/22/2022	0.14	Feet		409
5/23/2022	0.16	Feet		409
5/24/2022	0.17	Feet		409
5/25/2022	0.01	Feet		411
5/26/2022	0.20	Feet		408
5/27/2022	0.22	Feet		408
5/28/2022	0.23	Feet		407
5/29/2022	0.27	Feet		407
5/30/2022	0.28	Feet		406
5/31/2022	0.31	Feet		406
6/1/2022	0.32	Feet		406
6/2/2022	0.34	Feet		405
6/3/2022	0.36	Feet		405
6/4/2022	0.38	Feet		404
6/5/2022	0.36	Feet		405
6/6/2022	0.38	Feet		404
6/7/2022	0.40	Feet		404
6/8/2022	0.40	Feet		404
6/9/2022	0.42	Feet		404
6/10/2022	0.45	Feet		403
6/11/2022	0.38	Feet		404
6/12/2022	0.49	Feet		402
6/13/2022	0.52	Feet		402
6/14/2022	0.55	Feet		401
6/15/2022	0.57	Feet		401
6/16/2022	0.61	Feet		400
6/17/2022	0.63	Feet		399
6/18/2022	0.66	Feet		399
6/19/2022	0.68	Feet		398

* 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 Licenses for each separate water right.

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