

M E L V E R N L A K E - R E S E R V O I R A C C O U N T I N G

Calendar Year 2021

Date	Conservation Pool 2017 Survey Results 1,036.00 147,972		INFLOW Monthly Inflow (AF)	OUTFLOW Monthly Outflow (AF)	PRECIP Monthly Precip. (inches)	EVAP Reservoir Evap. (AF)	Other/Local				Municipal Assurance				Industrial Assurance				Reserve Capacity				Water Marketing				Water Quality													
	EOM Elevation (MSL)	EOM Storage (AF)					Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)									
	1,034.29	136,463					53,146				4,736			5,310				24,394				13,619					35,132													
Jan	1,034.58	138,341	3,654	1,230	2.67	430	1,196	0	168	97%	54,201	107	0	15	97%	4,830	120	0	17	97%	5,416	549	0	77	97%	24,878	312	60	43	94%	13,835	870	711	111	86%	35,181				
Feb	1,034.11	135,399	1,716	4,370	0.23	309	451	0	121	97%	54,563	40	0	11	97%	4,862	45	0	12	97%	5,452	207	0	56	97%	25,045	118	64	31	95%	13,867	328	3821	79	77%	31,610				
Mar	1,037.29	157,121	23,346	1,230	4.80	397	1,644	0	82	100%	56,126	146	0	7	100%	5,001	164	0	8	100%	5,608	755	0	37	100%	25,762	874	71	21	100%	14,649	6285	0	47	100%	40,825				
Apr	1,037.29	157,050	17,227	16,183	3.26	1,115	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	66	66	0	100%	14,649	0	0	0	100%	40,825				
May	1,046.14	230,594	103,370	28,316	10.50	1,519	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	69	69	0	100%	14,649	0	0	0	100%	40,825				
Jun	1,037.76	160,290	7,994	75,538	5.34	2,759	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	81	81	0	100%	14,649	0	0	0	100%	40,825				
Jul	1,036.42	150,887	31,861	37,613	4.39	3,652	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	74	76	0	100%	14,649	0	0	0	100%	40,825				
Aug	1,037.07	155,483	10,840	1,230	3.82	5,018	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	77	83	0	100%	14,649	0	0	0	100%	40,825				
Sep																																								
Oct																																								
Nov																																								
Dec																																								
TOTAL			200,006	165,710	35.01	15200	3291	0	370			293	0	33			329	0	37							1511	0	170			1671	569	95			7484	4531	237		

AF - Acre Feet
 EOM - End of Month
 Evap. - Evaporation
 Precip. - Precipitation
 MSL - Mean Sea Level

Water Marketing - Storage dedicated to serving customers of the Water Marketing Program.
 Municipal Assurance - Storage dedicated to serving municipal members of Marias des Cygnes River Water Assurance District No. 2.
 Industrial Assurance - Storage dedicated to serving industrial members of Marias des Cygnes River Water Assurance District No. 2.
 Reserve Capacity - Storage that is owned by the State but has not yet been needed for either the Water Marketing or Water Assurance programs.
 Water Quality - Storage that is managed jointly by the U.S. Army Corps of Engineers and the Kansas Water Office and is used to serve downstream water quality needs.
 Other/Local - Storage that serves in lake needs.