

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 2022

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) 1,036.31	EOM Storage (AF) 150,123					Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (AF) 56,126	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (AF) 5,001	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (AF) 5,608	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (AF) 25,762	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (AF) 14,649	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (AF) 40,825						
																															(%)	(%)	(%)	(%)	(%)	(%)
Jan	1,034.28	136,463	258	12,809	1.02	1,107	38	0	372	99%	55,837	3	0	33	99%	4,976	4	0	37	99%	5,579	17	0	171	99%	25,629	10	65	97	99%	14,509	27	10651	270	73%	29,932
Feb	1,034.28	136,463	1,438	1,111	0.83	331	380	0	136	100%	56,106	34	0	12	100%	5,000	38	0	14	100%	5,606	174	0	62	100%	25,753	99	60	35	99%	14,520	276	657	73	72%	29,479
Mar	1,038.17	163,468	33,184	5,804	3.98	381	131	0	111	100%	56,126	12	0	10	100%	5,001	13	0	11	100%	5,608	60	0	51	100%	25,762	222	64	29	100%	14,649	8986	0	58	100%	40,825
Apr	1,037.10	155,483	10,927	17,675	1.26	1,252	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	62	62	0	100%	14,649	0	0	0	100%	40,825
May	1,039.93	176,896	63,125	39,849	7.96	1,868	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	65	65	0	100%	14,649	0	0	0	100%	40,825
Jun	1,036.53	151,650	34,160	56,435	4.67	2,973	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	72	76	0	100%	14,649	0	0	0	100%	40,825
Jul	1,036.12	148,805	10,889	9,338	4.51	4,395	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	84	84	0	100%	14,649	0	0	0	100%	40,825
Aug	1,035.55	144,861	2,354	1,230	2.07	5,068	655	0	1,571	98%	55,203	58	0	140	98%	4,919	65	0	157	98%	5,516	300	0	721	98%	25,338	185	72	410	98%	14,350	476	625	1143	97%	39,534
Sep																																				
Oct																																				
Nov																																				
Dec																																				
TOTAL			156,336	144,250	26.30	17375	1203	0	2189			107	0	195			120	0	219			552	0	1005			799	547	571			9766	11932	1544		

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.