

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) 1,034.29	EOM Storage (AF) 136,463					Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 53,146	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 4,736	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 5,310	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 24,394	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 13,619	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 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																																								
May																																								
Jun																																								
Jul																																								
Aug																																								
Sep																																								
Oct																																								
Nov																																								
Dec																																								
TOTAL			28,715	6,829	7.70	1137	3291	0	370			293	0	33			329	0	37							1511	0	170			1304	195	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.