

MELVERN LAKE - RESERVOIR ACCOUNTING
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)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) (AF)							
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																																					
Jun																																					
Jul																																					
Aug																																					
Sep																																					
Oct																																					
Nov																																					
Dec																																					
TOTAL			45,807	37,399	7.09	3070	548	0	618			49	0	55			55	0	62			252	0	284			392	250	161			9290	11307	401			

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.