

MELVERN LAKE - RESERVOIR ACCOUNTING
Calendar Year 2023

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 (%)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)			
																																			51,692	4,606	3,590
Jan	1,033.29	130,357	1,785	1,230	1.15	1,287	493	0	508	92%	51,709	44	0	45	92%	4,608	49	0	35	64%	3,607	226	0	233	92%	23,735	129	69	129	89%	13,100	358	721	337	82%	33,599	
Feb	1,033.65	132,521	3,909	1,111	1.93	653	1,283	0	259	94%	52,763	114	0	23	94%	4,702	128	0	18	66%	3,720	589	0	119	94%	24,218	335	59	66	91%	13,318	934	564	168	83%	33,800	
Mar	1,034.07	135,149	4,431	1,230	1.63	573	1,451	0	228	96%	54,009	129	0	20	96%	4,813	145	0	16	69%	3,852	666	0	105	96%	24,791	379	63	58	93%	13,582	1056	607	146	84%	34,102	
Apr	1,034.05	135,024	2,400	1,190	1.38	1,333	685	0	533	97%	54,185	61	0	47	97%	4,828	68	0	38	69%	3,884	314	0	244	97%	24,871	179	64	134	93%	13,569	498	578	336	83%	33,686	
May																																					
Jun																																					
Jul																																					
Aug																																					
Sep																																					
Oct																																					
Nov																																					
Dec																																					
TOTAL			12,526	4,760	6.09	3846	3912	0	1527			349	0	136			391	0	107			1796	0	701			1021	255	386			2846	2470	988			

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.