

MELVERN LAKE - RESERVOIR ACCOUNTING

Calendar Year 2017

Date	Conservation Pool 2009 Survey Results		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 (%)							
	1,036.00	149,630																																			
Jan	1,034.25	137,955	2,549	11,798	0.00	430	169	0	165	100%	56,733	16	0	15	100%	5,057	17	0	17	100%	5,675	78	0	76	100%	26,041	155	61	43	100%	14,748	534	10197	115	72%	29,604	
Feb	1,034.14	137,253	744	1,111	0.11	333	87	0	137	100%	56,723	8	0	12	100%	5,055	9	0	14	100%	5,672	40	0	63	100%	26,036	23	53	36	100%	14,752	63	581	72	70%	29,014	
Mar	1,038.46	167,362	31,716	1,230	4.38	373	174	0	143	100%	56,755	15	0	13	100%	5,057	17	0	14	100%	5,675	80	0	65	100%	26,051	154	56	37	100%	14,813	8581	0	73	100%	41,283	
Apr	1,037.65	161,362	50,629	55,534	4.77	1,097	0	0	0	100%	56,755	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	57	57	0	100%	14,813	0	0	0	100%	41,283	
May	1,038.38	166,759	24,347	17,110	3.19	1,841	0	0	0	100%	56,755	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	61	61	0	100%	14,813	0	0	0	100%	41,283	
Jun																																					
Jul																																					
Aug																																					
Sep																																					
Oct																																					
Nov																																					
Dec																																					
TOTAL			109,985	86,782	12.45	4074	430	0	445			39	0	40			43	0	45			197	0	204			450	287	116		9178	10778	259				

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.