MELVERN LAKE - RESERVOIR ACCOUNTING

Calendar Year 2024

	Conserva	ation Pool	INFLOW	OW OUTFLOW PRECIP EVAP Other/Local					Municipal Assurance					Industrial Assurance					Reserve Capacity				Water Marketing					Water Quality						
2017 Survey Results																															1			
	1,036.00	147,972																														1		
	EOM	EOM	Monthly	Monthly	Monthly	Reservoir	Inflow		Evap.		Inflow		Evap.			Inflow		Evap.			Inflow		Evap.		Inflow		Evap.			Inflow		Evap.		
Date	Elevation	Storage	Inflow	Outflow	Precip.	Evap.	Share	Use			Share	Use	Share	EOM St		Share		Share	EOM S		Share	Use	Share		Share		Share			Share	Use	Share	EOM S	
	(MSL)	(AF)	(AF)	(AF)	(inches)	(AF)	(AF)	(AF)	(AF)	(%) (AF)	(AF)	(AF)	(AF)	(%)	(AF)	(AF)	(AF)	(AF)	(%)	(AF)	(AF)	(AF)	(AF)	(%) (AF)	(AF)	(AF)	(AF)	(%)	(AF)	(AF)	(AF)	(AF)	(%)	(AF)
	1,038.53	166,128								51,709					4,608					3,607				23,735					13,100			 '		33,599
Jan	1,038.16	163,394	24,342	26,656	2.78	432	4,417	0	0	100% 56,126	394	0	0	100%	5,001	899	0	0	92%	5,158	2027	0	0	100% 25,762	1622	73	0	100%	14,649	6546	0	<u> </u>	100%	40,825
Feb																																 '		
Mar																																 '		
Apr																																<u> </u>		
May																																 '		
Jun																																<u> </u> '		
Jul																																<u> </u>		
Aug																																<u> </u>		
Sep																																<u> </u>		
Oct																																<u> </u> '		
Nov																																<u> </u>		
Dec																																<u> </u>		
TOTAL			24,342	26,656	2.78	432	4417	0	0		394	0	0			899	0	0			2027	0	0		1622	73	0			6546	0	0		

AF - Acre Feet EOM - End of Month

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.

Evap. - Evaporation

Precip. - Precipitation

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. MSL - Mean Sea Level