

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 2024

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 (%)	EOM Storage (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%)	EOM Storage (AF)					
	1,038.53	166,128																																		
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	0	100%	40,825
Feb	1,036.10	148,666	20,549	34,918	1.45	361	0	0	0	100%	56,126	0	0	0	100%	5,001	450	0	0	100%	5,608	0	0	0	100%	25,762	64	68	0	100%	14,649	0	0	0	100%	40,825
Mar	1,036.08	148,547	7,428	7,081	1.65	486	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	63	63	0	100%	14,649	0	0	0	100%	40,825
Apr	1,041.06	185,937	38,008	1,190	6.58	1,384	122	0	122	100%	56,126	11	0	11	100%	5,001	12	0	12	100%	5,608	56	0	56	100%	25,762	97	65	32	100%	14,649	198	109	89	100%	40,825
May	1,037.32	157,282	11,643	38,432	3.99	1,868	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	70	70	0	100%	14,649	0	0	0	100%	40,825
Jun	1,036.77	153,344	43,706	2,600	5.12	3,824	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	69	69	0	100%	14,649	0	0	0	100%	40,825
Jul	1,036.27	149,869	44,645	45,539	3.40	3,943	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	86	86	0	100%	14,649	0	0	0	100%	40,825
Aug	1,036.05	148,322	4,374	1,230	3.72	4,685	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	80	81	0	100%	14,649	0	0	0	100%	40,825
Sep	1,035.50	144,524	2,454	1,190	3.10	5,064	714	0	1,861	98%	55,067	64	0	166	98%	4,907	71	0	186	98%	5,502	328	0	854	98%	25,276	188	74	486	98%	14,301	519	520	1354	97%	39,470
Oct																																				
Nov																																				
Dec																																				
TOTAL			197,148	158,837	31.79	22049	5253	0	1984			468	0	177			1433	0	198			2411	0	910		2339	648	518		7263	630	1443				

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.