

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 2016

Date	Conservation Pool 2009 Survey Results 1,036.00 149,630		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) 1,036.17	EOM Storage (AF) 150,823					Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 56,755	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 5,057	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 5,675	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 26,051	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 14,813	Inflow Share (AF)	Use (AF)	Evap. Share (AF)	EOM Storage (%) 14,813						
																															69	0	69	100%	56,754	6
Jan	1,034.68	140,699	6,427	16,100	1.10	452	69	0	69	100%	56,754	6	0	6	100%	5,057	7	0	7	100%	5,675	32	0	32	100%	26,051	83	65	18	100%	14,813	186	9069	50	78%	32,349
Feb	1,034.51	139,614	3,560	4,298	0.36	345	113	0	139	100%	56,754	10	0	12	100%	5,057	11	0	14	100%	5,675	52	0	64	100%	26,051	71	58	36	100%	14,813	824	1830	79	76%	31,264
Mar	1,034.71	140,891	2,876	1,230	1.05	369	150	0	150	100%	56,754	13	0	13	100%	5,057	15	0	15	100%	5,675	69	0	69	100%	26,051	97	58	39	100%	14,813	627	0	83	79%	32,541
Apr	1,041.65	192,616	54,737	1,809	5.61	1,202	340	0	340	100%	56,754	30	0	30	100%	5,057	34	0	34	100%	5,675	156	0	156	100%	26,051	144	55	89	100%	14,813	9417	484	195	100%	41,280
May	1,043.56	208,973	67,984	50,185	5.99	1,442	0	0	0	100%	56,754	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	66	66	0	100%	14,813	0	0	0	100%	41,280
Jun	1,036.62	153,981	2,142	53,612	0.63	3,523	0	0	0	100%	56,754	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	50	73	0	100%	14,813	0	0	0	100%	41,280
Jul	1,036.39	152,367	9,428	7,256	5.05	3,787	0	0	0	100%	56,754	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	72	72	0	100%	14,813	0	0	0	100%	41,280
Aug	1,036.56	153,560	6,724	1,230	5.36	4,302	0	0	0	100%	56,754	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	75	75	0	100%	14,813	0	0	0	100%	41,280
Sep	1,039.01	171,503	34,860	12,534	4.77	4,384	0	0	0	100%	56,754	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	69	69	0	100%	14,813	0	0	0	100%	41,280
Oct	1,037.33	159,041	5,653	14,938	1.90	3,178	0	0	0	100%	56,754	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	65	65	0	100%	14,813	0	0	0	100%	41,280
Nov	1,036.97	156,437	188	1,190	0.08	1,601	0	0	0	100%	56,754	0	0	0	100%	5,057	0	0	0	100%	5,675	0	0	0	100%	26,051	0	62	0	100%	14,813	0	0	0	100%	41,280
Dec	1,035.71	147,632	204	8,396	0.02	615	0	0	29	100%	56,733	0	0	3	100%	5,055	0	0	3	100%	5,673	0	0	13	100%	26,041	0	60	8	100%	14,748	0	1877	21	95%	39,382
TOTAL			194,784	172,777	31.92	25198	671	0	727			59	0	65			67	0	73			308	0	334			791	778	190			11055	13260	428		

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.