

**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 2022

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)					
Jan	1,034.28	136,463	258	12,809	1.02	1,107	38	0	372	99%	55,837	3	0	33	99%	4,976	4	0	37	99%	5,579	17	0	171	99%	25,629	10	65	97	99%	14,509	27	10651	270	73%	29,932
Feb	1,034.28	136,463	1,438	1,111	0.83	331	380	0	136	100%	56,106	34	0	12	100%	5,000	38	0	14	100%	5,606	174	0	62	100%	25,753	99	60	35	99%	14,520	276	657	73	72%	29,479
Mar	1,038.17	163,468	33,184	5,804	3.98	381	131	0	111	100%	56,126	12	0	10	100%	5,001	13	0	11	100%	5,608	60	0	51	100%	25,762	222	64	29	100%	14,649	8986	0	58	100%	40,825
Apr	1,037.10	155,483	10,927	17,675	1.26	1,252	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	62	62	0	100%	14,649	0	0	0	100%	40,825
May	1,039.93	176,896	63,125	39,849	7.96	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	65	65	0	100%	14,649	0	0	0	100%	40,825
Jun	1,036.53	151,650	34,160	56,435	4.67	2,973	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	72	76	0	100%	14,649	0	0	0	100%	40,825
Jul	1,036.12	148,805	10,889	9,338	4.51	4,395	0	0	0	100%	56,126	0	0	0	100%	5,001	0	0	0	100%	5,608	0	0	0	100%	25,762	84	84	0	100%	14,649	0	0	0	100%	40,825
Aug	1,035.55	144,861	2,354	1,230	2.07	5,068	655	0	1,571	98%	55,206	58	0	140	98%	4,920	65	0	157	98%	5,516	300	0	721	98%	25,340	187	82	410	98%	14,343	476	623	1143	97%	39,536
Sep	1,034.79	139,741	2,955	1,190	0.91	6,889	933	0	2,625	95%	53,544	83	0	234	95%	4,771	93	0	262	95%	5,350	428	0	1205	95%	24,577	243	75	682	94%	13,837	679	673	1880	92%	37,662
Oct	1,034.12	135,462	2,235	1,825	1.16	4,689	615	0	1,797	93%	52,390	55	0	160	93%	4,669	61	595	180	83%	4,640	282	0	825	93%	24,047	160	74	464	92%	13,466	447	595	1264	89%	36,251
Nov																																				
Dec																																				
<b>TOTAL</b>			<b>161,526</b>	<b>147,265</b>	<b>28.37</b>	<b>28953</b>	<b>2750</b>	<b>0</b>	<b>6611</b>			<b>245</b>	<b>0</b>	<b>589</b>			<b>275</b>	<b>595</b>	<b>661</b>			<b>1262</b>	<b>0</b>	<b>3034</b>			<b>1204</b>	<b>706</b>	<b>1717</b>			<b>10891</b>	<b>13197</b>	<b>4688</b>		

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.