

# M A R I O N R E S E R V O I R A C C O U N T I N G

Calendar Year 2023

Date	Conservation Pool 2008 Survey Results 1350.50 80,668		INFLOW Monthly Inflow (AF)	OUTFLOW Monthly Outflow (AF)	PRECIP Monthly Precip. (inches)	EVAP Reservoir Evap. (AF)	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)
Jan	1,348.53	68,392	1,208	123	1.35	691	5	0	3	89%	308	216	0	130	89%	12,849	553	50	326	87%	32,291	433	123	232	79%	22,944
Feb	1,348.52	68,332	1,252	111	0.74	1,165	5	0	5	89%	308	224	0	219	89%	12,856	573	47	550	87%	32,272	449	111	391	79%	22,895
Mar	1,348.32	67,134	635	123	0.10	1,657	3	0	7	88%	304	114	0	312	88%	12,660	291	62	783	86%	31,722	228	123	555	78%	22,448
Apr	1,348.02	65,337	1,517	119	1.08	3,177	7	0	14	85%	296	272	0	599	85%	12,342	695	73	1501	84%	30,868	544	119	1062	75%	21,830
May	1,347.82	64,199	1,910	123	1.16	3,030	8	0	14	84%	291	342	0	572	84%	12,139	874	47	1432	82%	30,333	685	123	1012	74%	21,435
Jun	1,347.70	63,509	2,670	119	2.26	3,217	11	0	15	83%	288	478	0	608	83%	12,017	1222	65	1520	81%	29,989	958	119	1074	73%	21,214
Jul	1,347.29	61,202	1,198	123	2.15	3,423	5	0	16	80%	278	215	0	648	80%	11,604	548	68	1616	78%	28,903	430	123	1143	71%	20,417
Aug	1,346.73	58,126	615	125	1.21	3,571	3	0	16	76%	265	110	0	677	76%	11,053	281	85	1687	74%	27,454	221	125	1191	67%	19,354
Sep																										
Oct																										
Nov																										
Dec																										
<b>TOTAL</b>			<b>11,004</b>	<b>966</b>	<b>10.05</b>	<b>19931</b>	<b>47</b>	<b>0</b>	<b>90</b>			<b>1972</b>	<b>0</b>	<b>3765</b>			<b>5037</b>	<b>496</b>	<b>9414</b>			<b>3948</b>	<b>966</b>	<b>6662</b>		

AF - Acre Feet

EOM - End of Month

Evap. - Evaporation

Precip. - Precipitation

MSL - Mean Sea Level

Assurance - Storage dedicated to serving members of Cottonwood and Neosho River Basins Assurance District No. 3.

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 Marketing - Storage dedicated to serving customers of the Water Marketing Program, sufficient for a drought having a 2% chance occurrence.

Water Conservation Plan triggers issued by KWO are based on remaining Water Marketing Storage, as follows:

Water Watch: 75%      Water Warning & Emergency: No specific remaining storage threshold. KWO will issue if any monitored drought indicator is observed to be more severe than the 2% chance condition.

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.