

# ELK CITY LAKE - RESERVOIR ACCOUNTING

Calendar Year 2017

Date	Conservation Pool 2010 Survey Results		INFLOW Monthly Inflow (AF)	OUTFLOW Monthly Outflow (AF)	PRECIP Monthly Precip. (inches)	EVAP Reservoir Evap. (AF)	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)
	796.00 796.15	37,422 37,975																			
Jan	796.80	40,371	17,137	14,083	1.69	675	0	0	0	100%	10,654	0	0	0	100%	21,499	0	0	0	100%	5,269
Feb	796.49	39,228	17,653	10,328	0.04	814	0	0	0	100%	10,654	0	0	0	100%	21,499	0	0	0	100%	5,269
Mar	799.48	50,872	18,288	8,708	2.19	1,144	0	0	0	100%	10,654	0	0	0	100%	21,499	0	0	0	100%	5,269
Apr	806.22	83,902	18,863	101,761	10.24	1,301	0	0	0	100%	10,654	0	0	0	100%	21,499	0	0	0	100%	5,269
May	811.10	120,426	19,448	87,454	7.13	4,579	0	0	0	100%	10,654	0	0	0	100%	21,499	0	0	0	100%	5,269
Jun	796.94	40,887	20,014	110,084	7.58	2,805	0	0	0	100%	10,654	0	0	0	100%	21,499	0	0	0	100%	5,269
Jul																					
Aug																					
Sep																					
Oct																					
Nov																					
Dec																					
<b>TOTAL</b>			<b>111,403</b>	<b>332,419</b>	<b>28.87</b>	<b>11318</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>	<b>0</b>	<b>0</b>		

in	check	check	check
flood	inflow	evap	storage
yes	17,137	675	2,949
yes	17,653	814	1,806
yes	18,288	1,144	13,450
yes	18,863	1,301	46,480
yes	19,448	4,579	83,004
yes	20,014	2,805	3,465
no	0	0	0
no	0	0	0
no	0	0	0
no	0	0	0
no	0	0	0
no	0	0	0

AF - Acre Feet  
 EOM - End of Month  
 Evap. - Evaporation  
 Precip. - Precipitation  
 MSL - Mean Sea Level

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.  
 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.