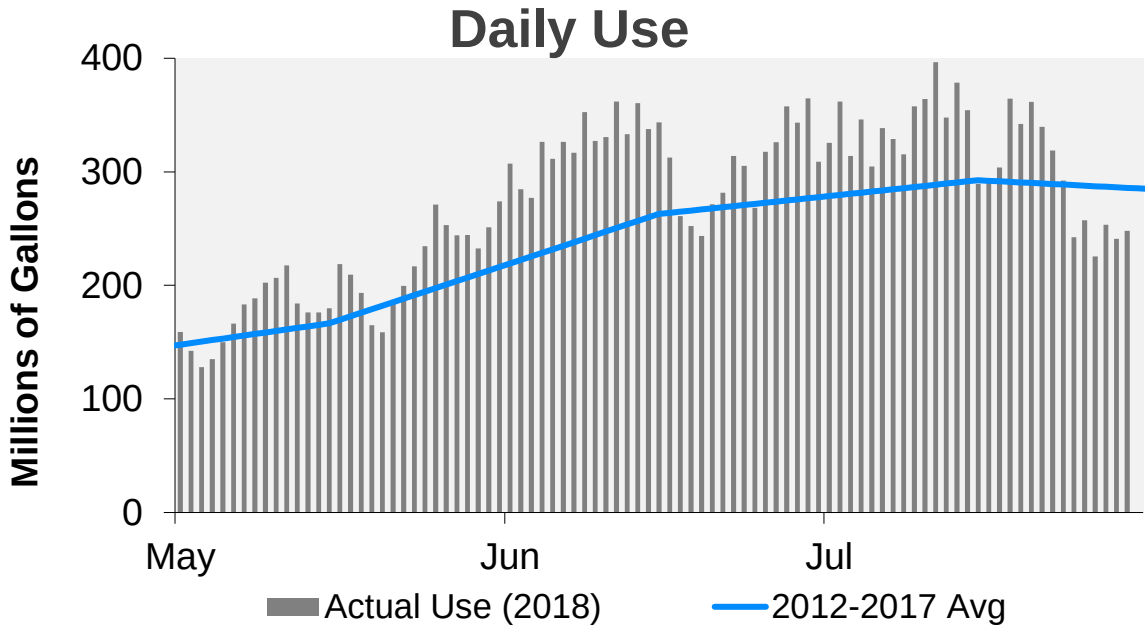
DENVER WATER

WATER WATCH REPORT

July 30, 2018

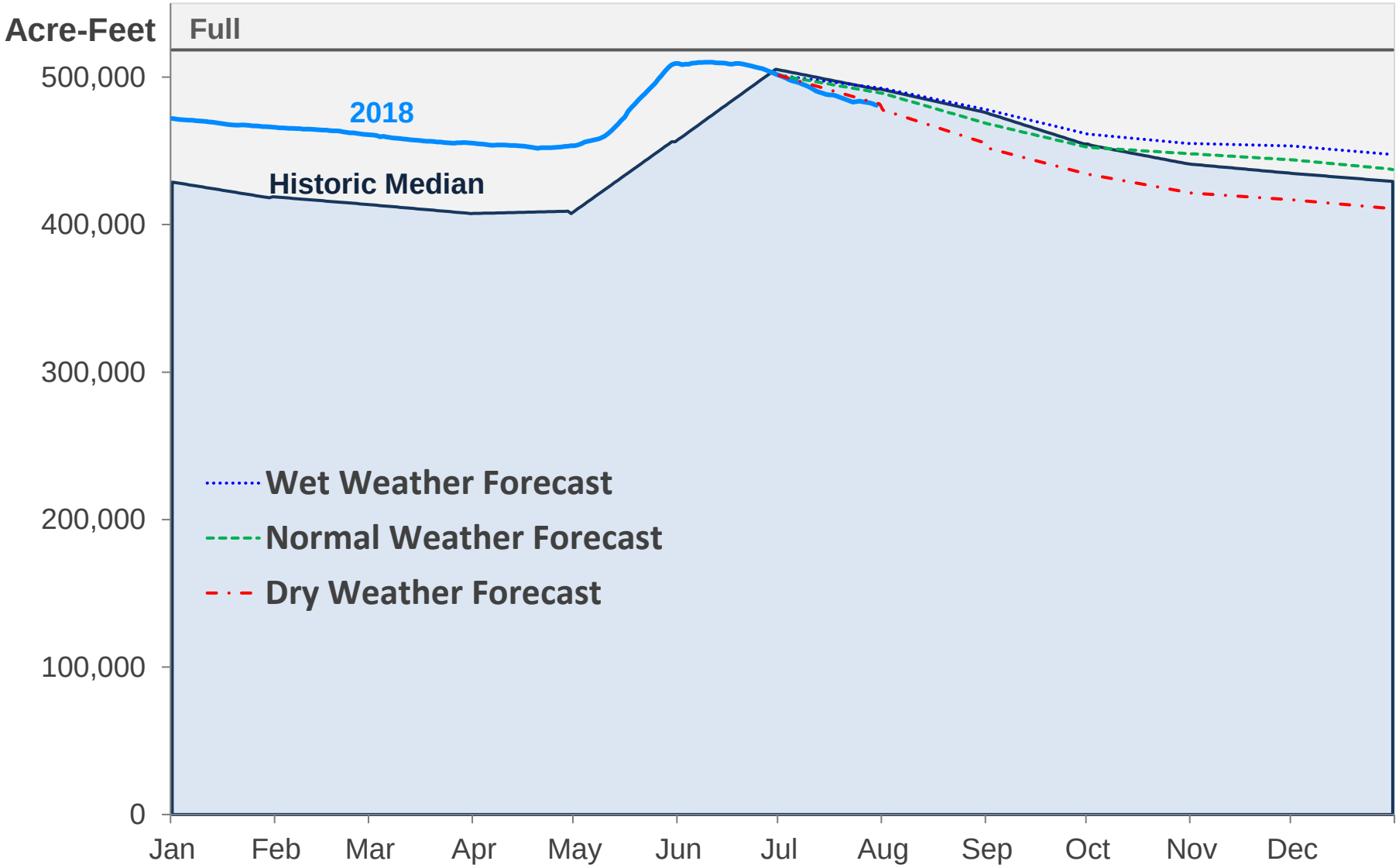
Supply Reservoir Contents

Reservoir	Capacity (acre-feet) Total	Capacity (acre-feet) Usable	Current Usable Contents (acre-feet)	Percent Full Current	Percent Full Last Year	Percent Full Historic Median
Antero	19,881	19,826	19,670	99%	100%	100%
Eleven Mile	97,779	97,779	99,486	102%	103%	103%
Cheesman	79,064	79,064	71,660	91%	100%	99%
Marston	19,256	13,133	10,089	77%	86%	76%
Strontia Springs	7,863	7,163	5,945	83%	94%	94%
Chatfield	27,076	10,782	8,923	83%	92%	75%
Dillon	257,304	249,095	229,341	92%	101%	100%
Gross	41,811	29,811	26,949	90%	99%	94%
Ralston	10,776	7,276	5,275	72%	91%	91%
Meadow Creek	5,370	4,520	3,570	79%	50%	88%
Total	**566,180**	**518,449**	**480,908**	**93%**	**100%**	**95%**



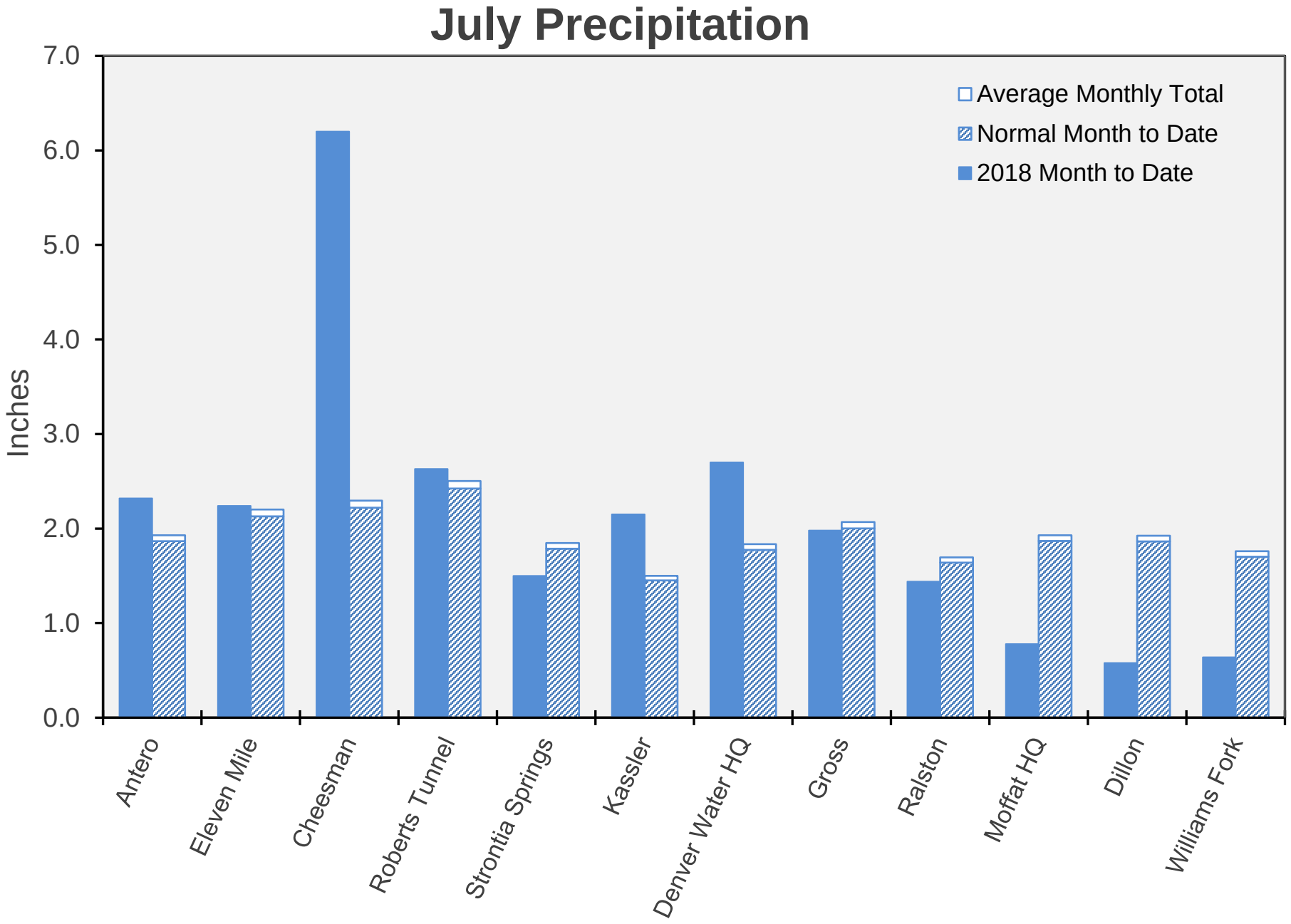
July 30, 2018

Supply Reservoir Contents



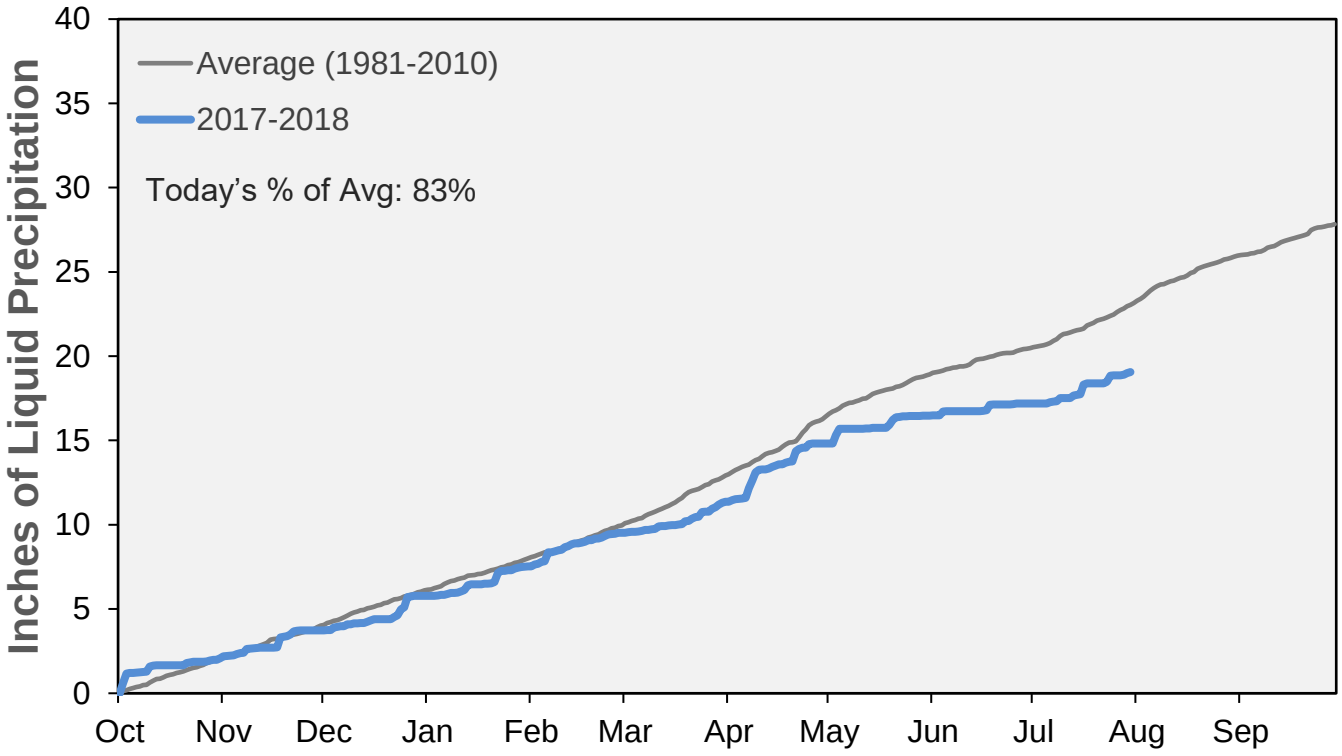
Note: Denver Water forecasts seasonal reservoir storage contents under dry future weather, normal future weather and wet future weather scenarios.

July 30, 2018


July Precipitation
Inches
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Average Monthly Total
Normal Month to Date
2018 Month to Date
Antero
Eleven Mile
Cheesman
Roberts Tunnel
Strontia Springs
Kassler
Denver Water HQ
Gross
Ralston
Moffat HQ
Dillon
Williams Fork

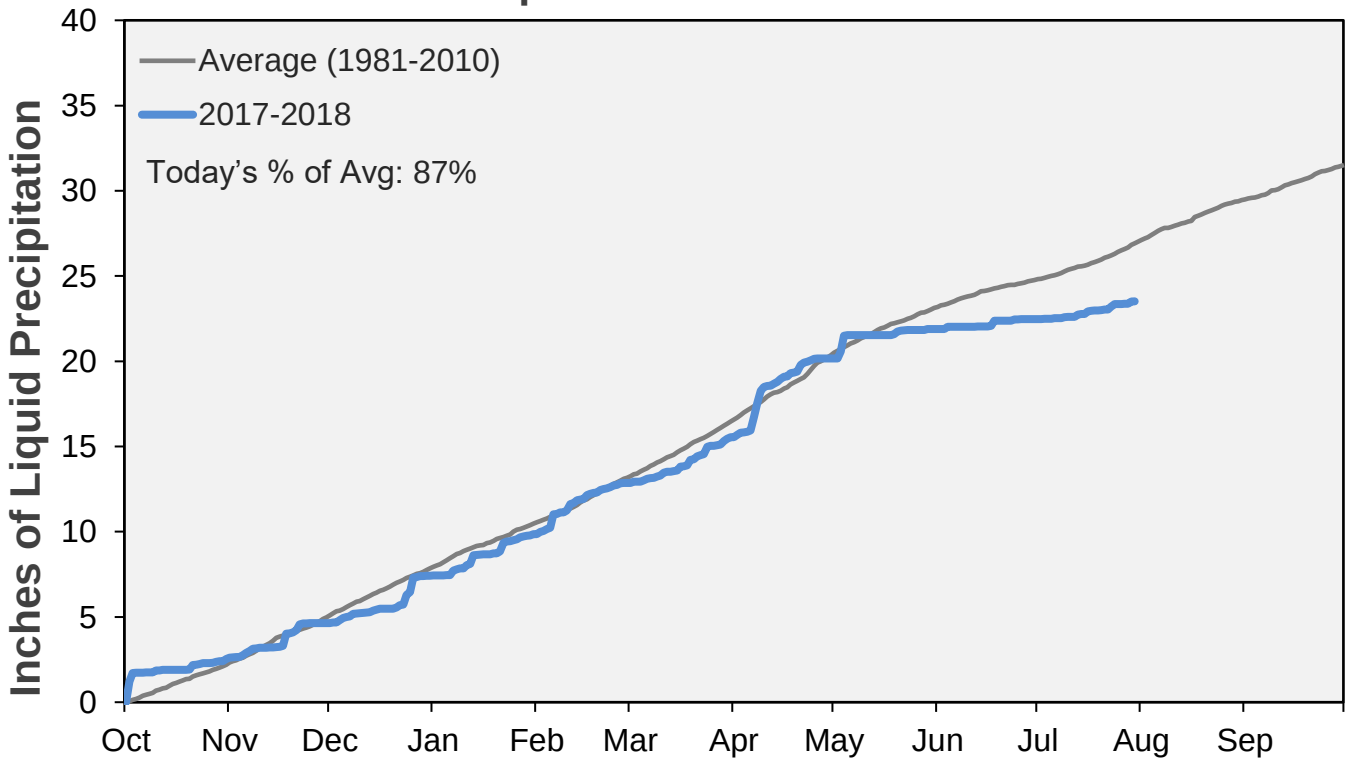
July 30, 2018

Cumulative Precipitation: South Platte River Watershed



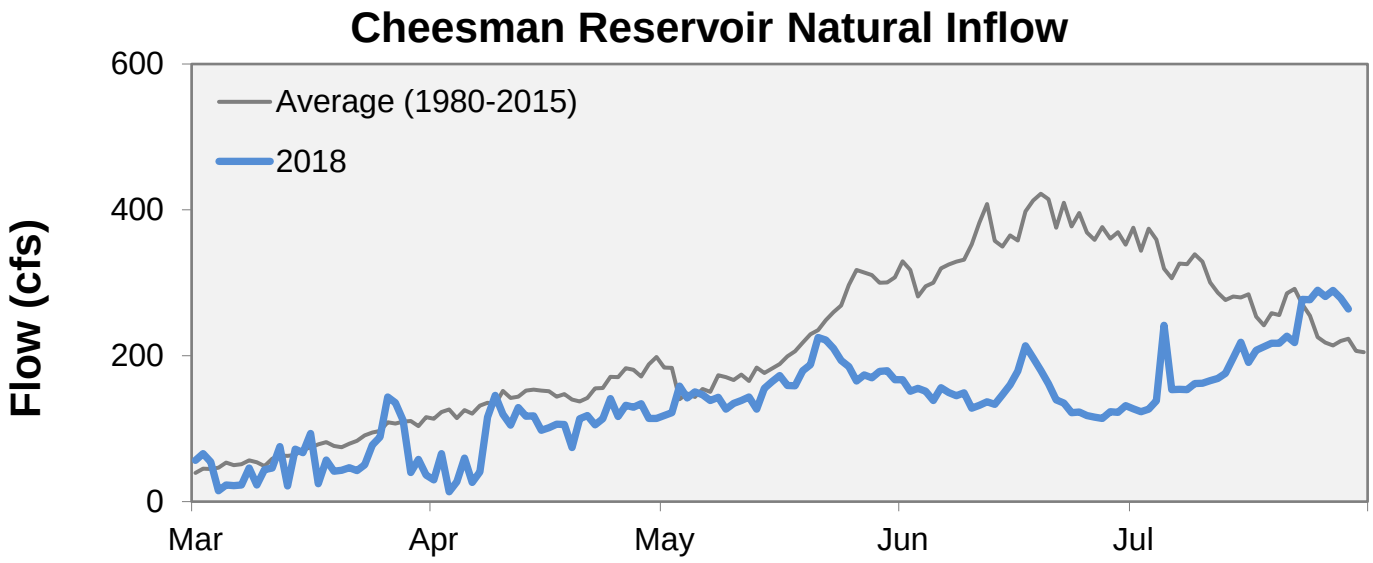
Data are from the 7 SNOTEL stations above Denver Water's Upper South Platte diversion facilities.

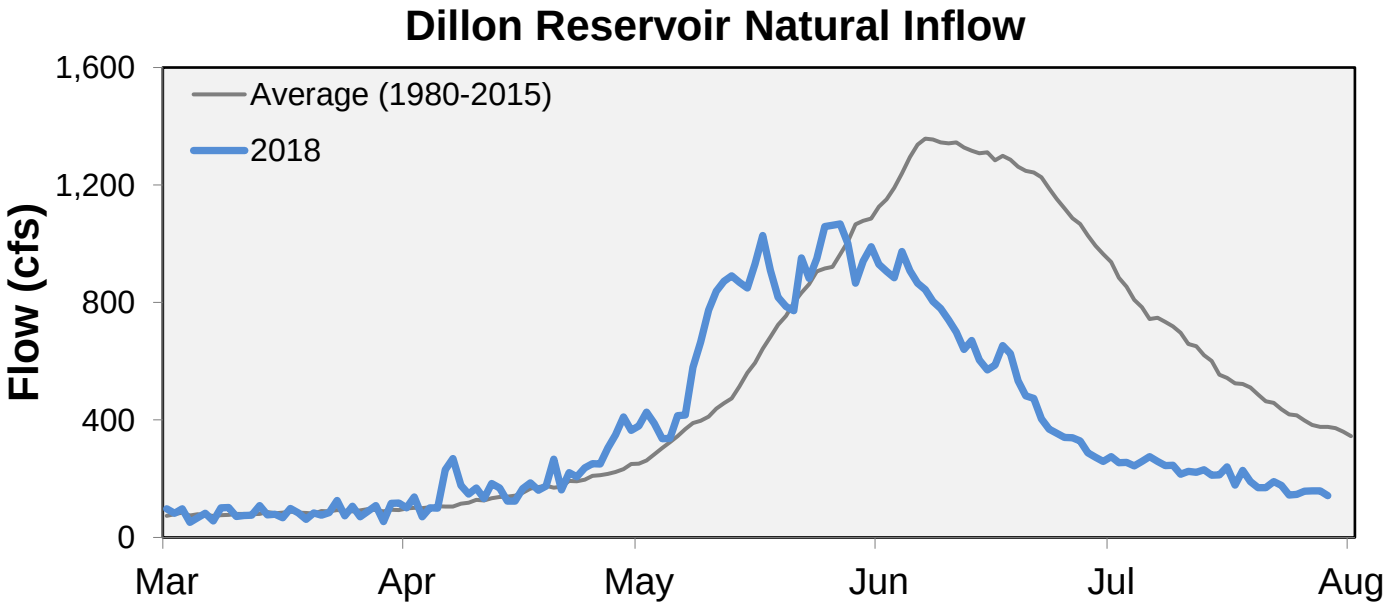
Cumulative Precipitation: Colorado River Watershed



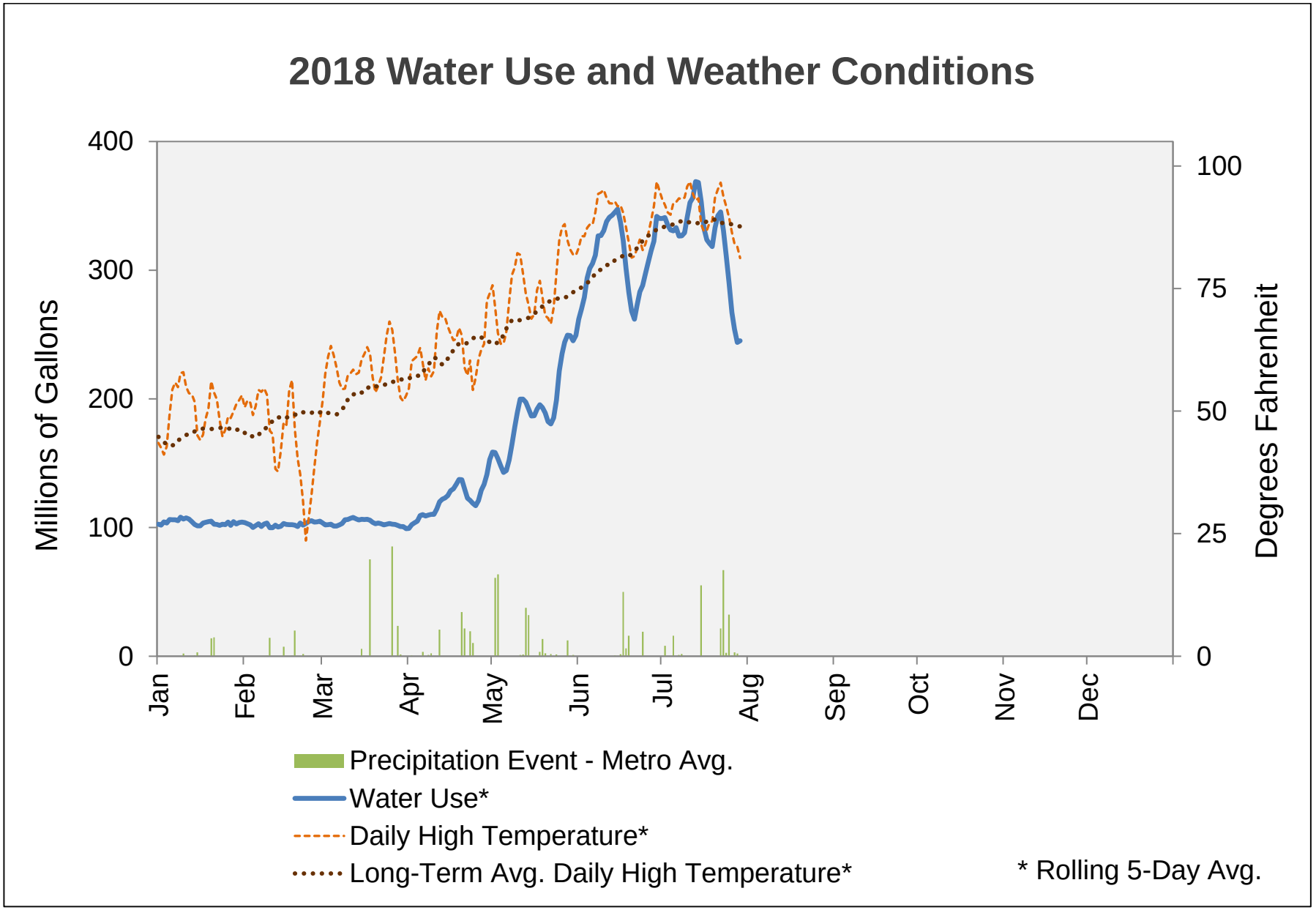
Data are from the 7 SNOTEL stations above Denver Water's Upper Colorado diversion facilities.

July 30, 2018


Cheesman Reservoir Natural Inflow
Flow (cfs)
600
400
200
0
Average (1980-2015)
2018
Mar
Apr
May
Jun
Jul


Dillon Reservoir Natural Inflow
Flow (cfs)
1,600
1,200
800
400
0
Average (1980-2015)
2018
Mar
Apr
May
Jun
Jul
Aug

July 30, 2018


2018 Water Use and Weather Conditions
Millions of Gallons
400
300
200
100
0
Degrees Fahrenheit
100
75
50
25
0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Precipitation Event - Metro Avg.
Water Use*
Daily High Temperature*
Long-Term Avg. Daily High Temperature*
* Rolling 5-Day Avg.

July 30, 2018

Denver Water Use and Reservoir Contents 2018

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD-Avg
Predicted End-of-Month Supply Reserv Contents (Full = 518,449 AF)								497,300						
Actual End-of-Month Supply Reservoir Contents (AF)		466,073	460,966	455,332	453,635	509,294	502,005							
Actual % Full		90%	89%	88%	87%	98%	97%							
Historical Median % Full		81%	80%	79%	79%	89%	98%							
12-17 Avg. Daily Use (MG)		109	109	108	126	167	263	293	278	241	149	108	104	167
Actual Daily Use (MG)	1	99	96	100	102	159	307	326						
	2	105	106	97	110	142	285	362						
	3	112	98	108	107	128	277	314						
	4	100	95	100	110	135	326	346						
	5	115	111	102	118	150	311	305						
	6	99	104	101	105	166	326	338						
	7	105	96	100	104	183	317	329						
	8	108	107	113	110	189	353	315						
	9	114	100	114	113	202	327	358						
D	10	107	93	103	118	207	331	364						
A	11	103	103	105	126	218	362	396						
Y	12	101	105	105	132	184	333	348						
	13	99	100	107	121	176	360	378						
O	14	102	102	109	117	176	338	354						
F	15	101	105	106	127	180	344	289						
	16	103	99	105	146	219	313	292						
M	17	112	105	105	139	209	261	304						
O	18	101	100	103	138	193	252	365						
N	19	105	100	102	137	165	244	342						
T	20	103	100	100	126	159	271	362						
H	21	91	112	107	110	186	282	340						
	22	111	97	103	104	200	314	319						
	23	97	106	99	129	217	305	292						
	24	111	107	104	125	234	268	242						
	25	101	104	103	117	271	318	257						
	26	102	106	105	131	253	326	226						
	27	98	97	101	144	244	358	253						
	28	111	109	95	152	244	343	241						
	29	102		100	163	233	365	248						
	30	105		103	175	251	309							
	31	104		97		274								
Monthly Average		104	102	103	125	198	314	317						180
% of 12-17 Avg. Daily Use		95%	94%	95%	99%	119%	120%	108%						108%

Notes: 1) "AF" denotes acre-feet. "MG" denotes million gallons. 2) Expected Daily Use is based on historical use with normal weather conditions. 3) The predicted end-of-month supply reservoir contents figures assume normal weather after June 1, 2018. 4) The differences between predicted and actual end-of-month supply reservoir contents are the result of normal estimation error of daily use, supply, evaporation, carriage losses and raw water deliveries. 5) Predicted supply reservoir contents last updated on June 8, 2018. 6) Daily water figures are subject to change.