



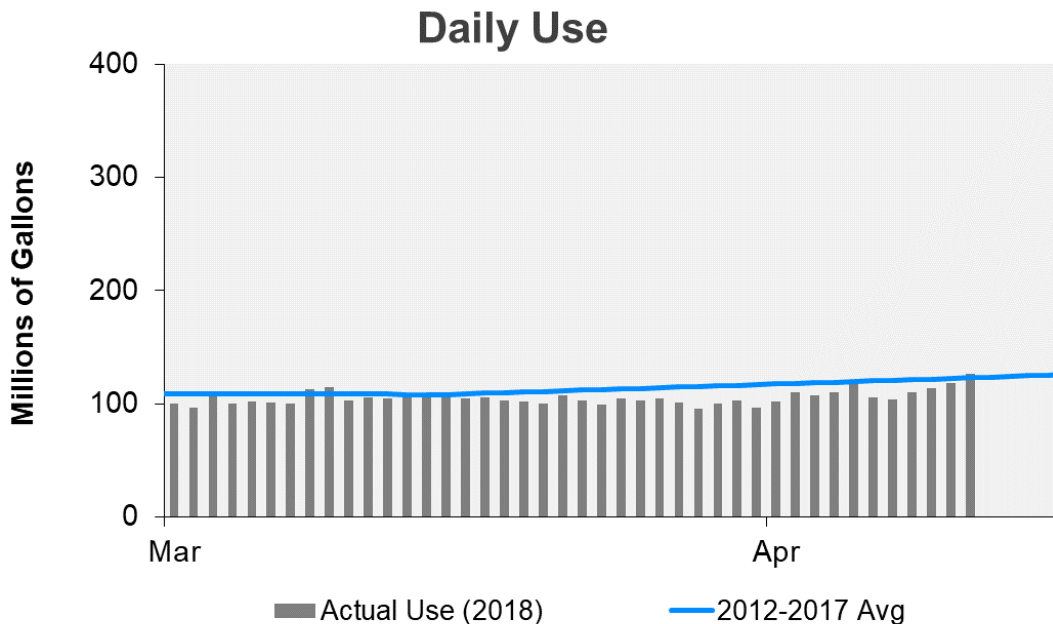
# WATER WATCH REPORT

April 16, 2018

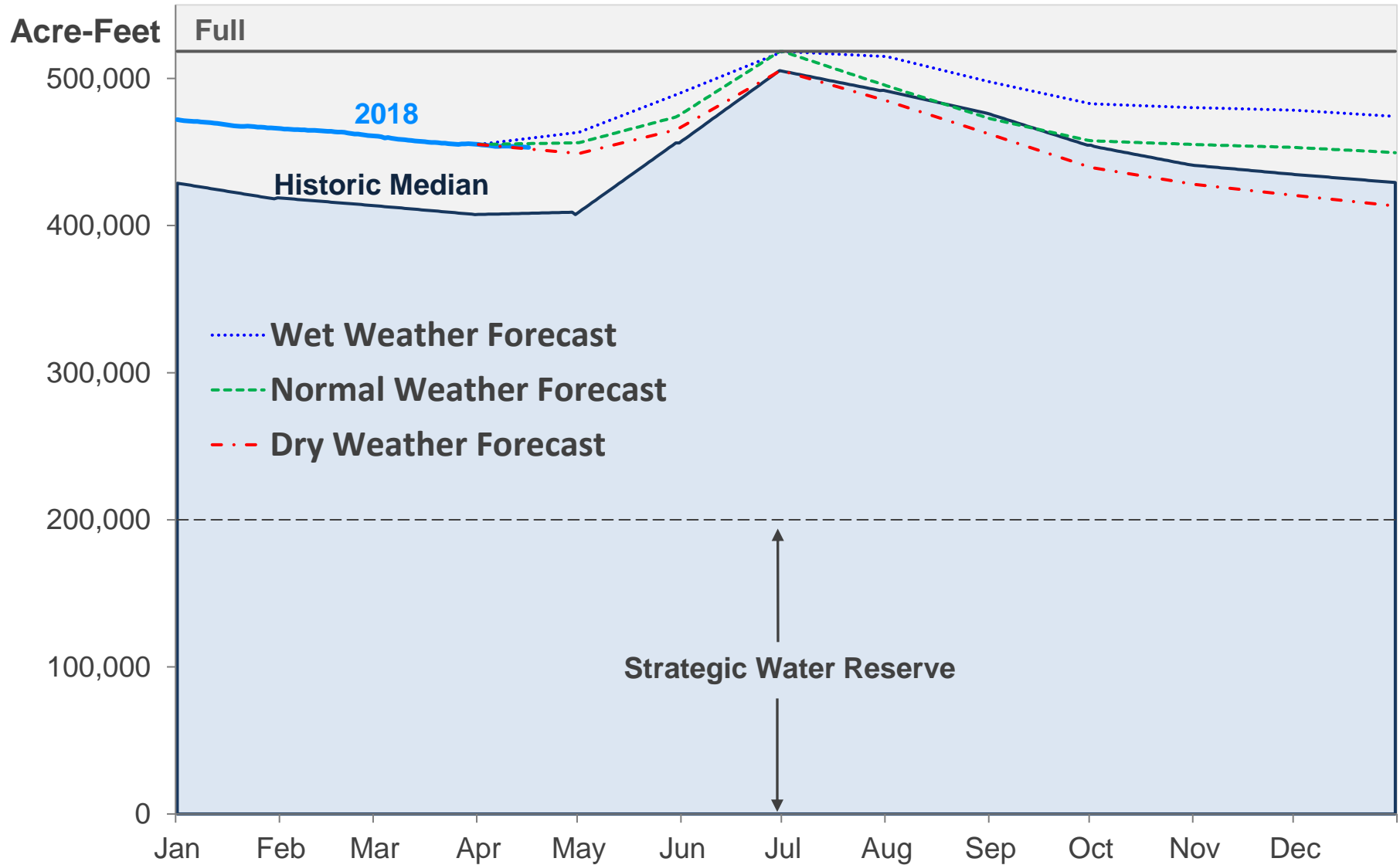
## Supply Reservoir Contents

Reservoir	Capacity (acre-feet)		Current Usable Contents (acre-feet)	Percent Full		
	Total	Usable		Current	Last Year	Historic Median
Antero	19,881	19,826	19,825	100%	79%	99%
Eleven Mile	97,779	97,779	99,383	102%	102%	102%
Cheesman	79,064	79,064	65,963	83%	94%	87%
Marston	19,256	13,133	7,270	55%	69%	66%
Strontia Springs	7,863	7,163	6,373	89%	85%	94%
Chatfield	27,076	10,782	9,495	88%	90%	95%
Dillon	257,304	249,095	228,980	92%	84%	86%
Gross	41,811	29,811	12,430	42%	35%	27%
Ralston	10,776	7,276	2,232	31%	44%	61%
Meadow Creek	5,370	4,520	1,185	26%	0%	12%
<b>Total</b>	<b>566,180</b>	<b>518,449</b>	<b>453,136</b>	<b>87%</b>	<b>84%</b>	<b>79%</b>

Note: The Board has designated 200,000 acre-feet of stored water to protect against unforeseen circumstances such as a dam or tunnel failure, a water quality crisis, climate change or catastrophic drought.



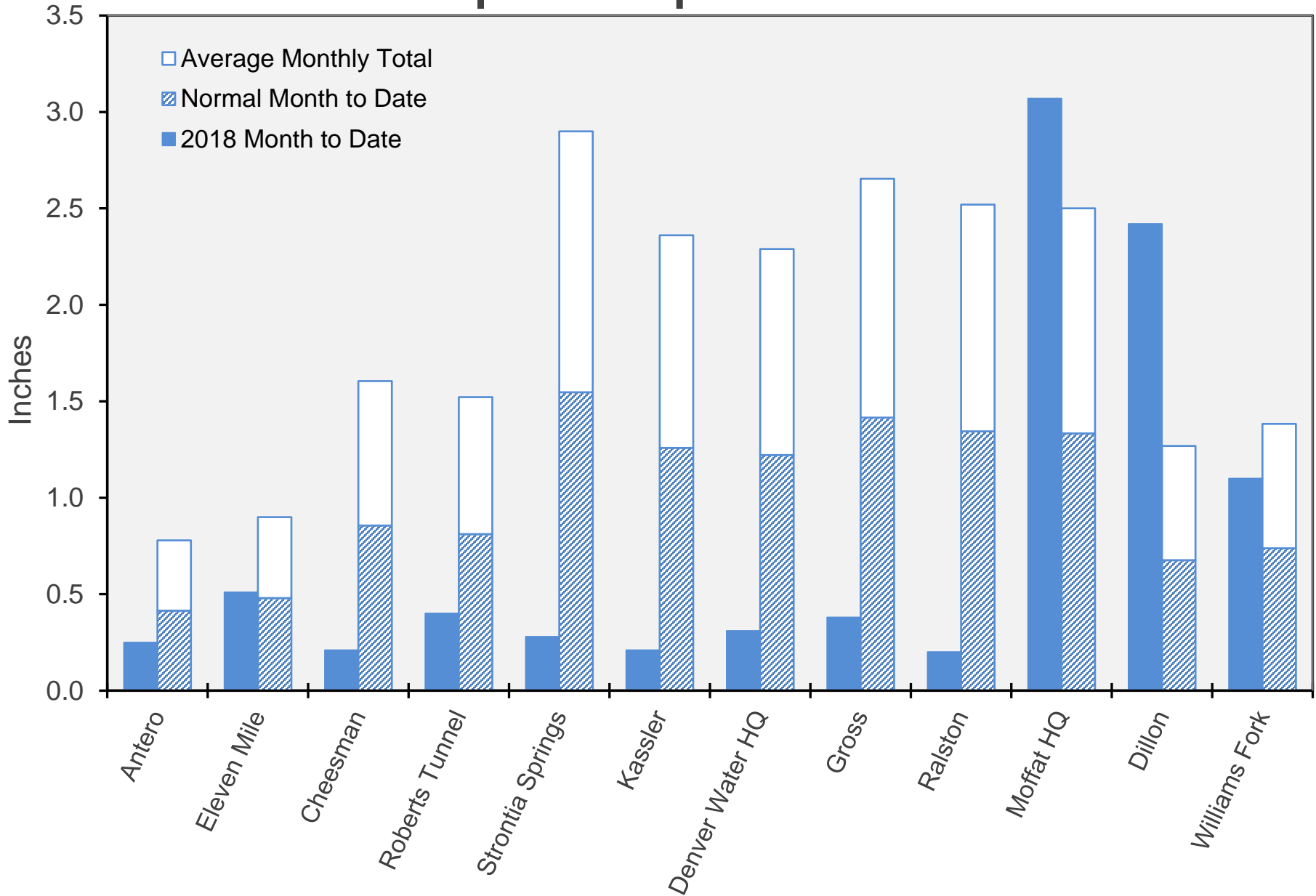
# Supply Reservoir Contents



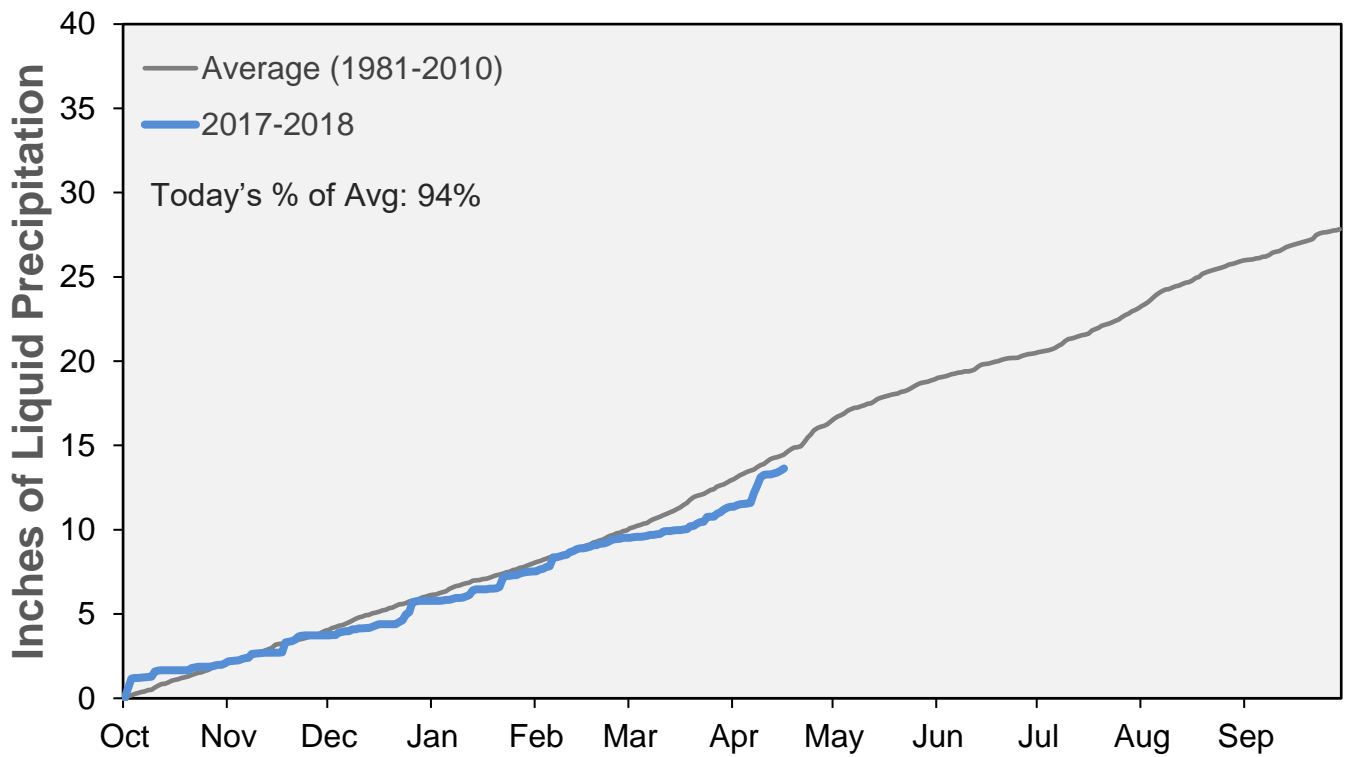
Note: The Board has designated 200,000 acre feet of stored water to protect against unforeseen circumstances such as a dam or tunnel failure, a water quality crisis, climate change or catastrophic drought. Denver Water forecasts seasonal reservoir storage contents under dry future weather, normal future weather and wet future weather scenarios.

April 16, 2018

# April Precipitation

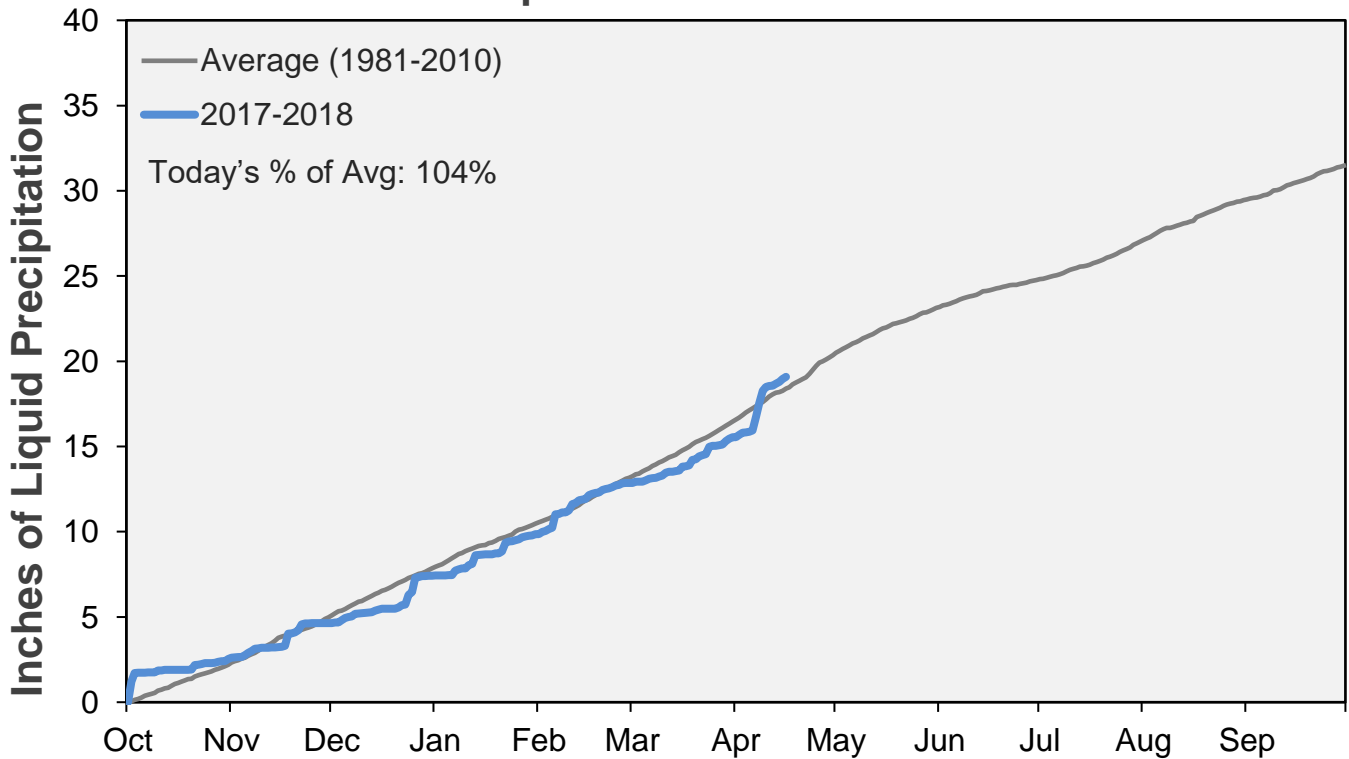


### Cumulative Precipitation: South Platte River Watershed



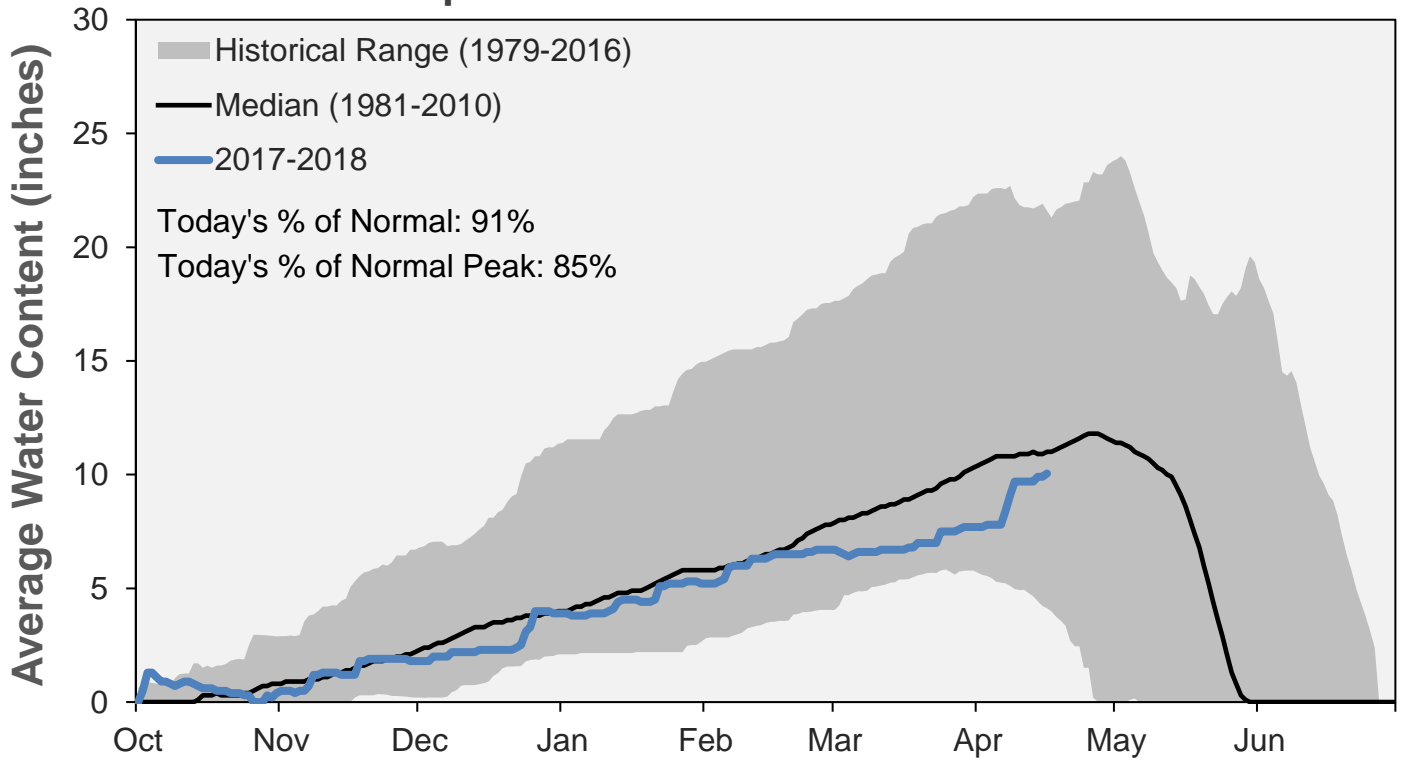
Data are from the 7 SNOTEL stations above Denver Water's Upper South Platte diversion facilities.

### Cumulative Precipitation: Colorado River Watershed



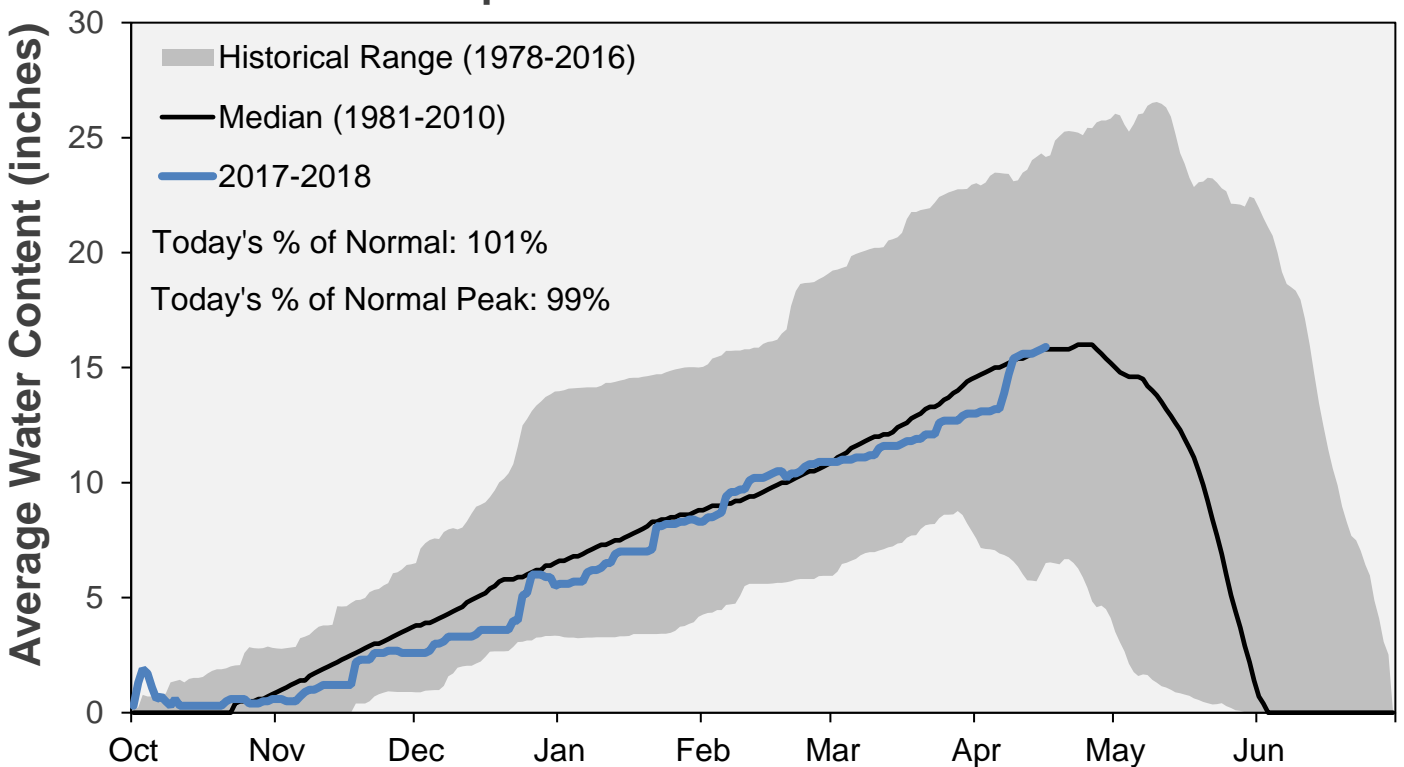
Data are from the 7 SNOTEL stations above Denver Water's Upper Colorado diversion facilities.

### Snowpack: South Platte River Watershed



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

### Snowpack: Colorado River Watershed

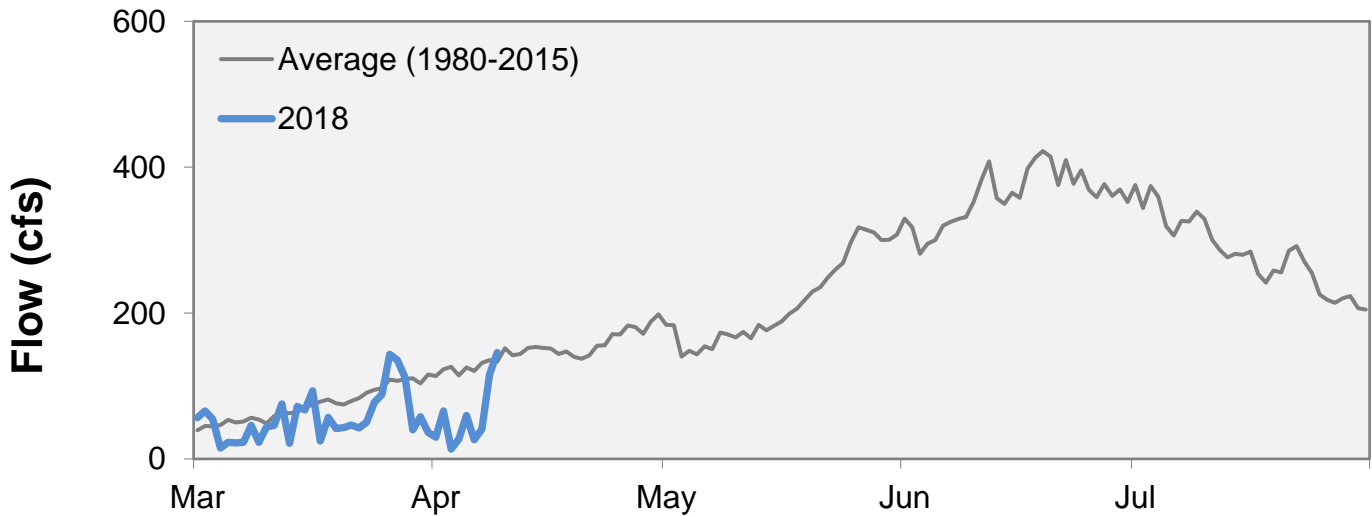


Data are from the 7 SNOTEL stations above Denver Water's Upper Colorado diversion facilities.

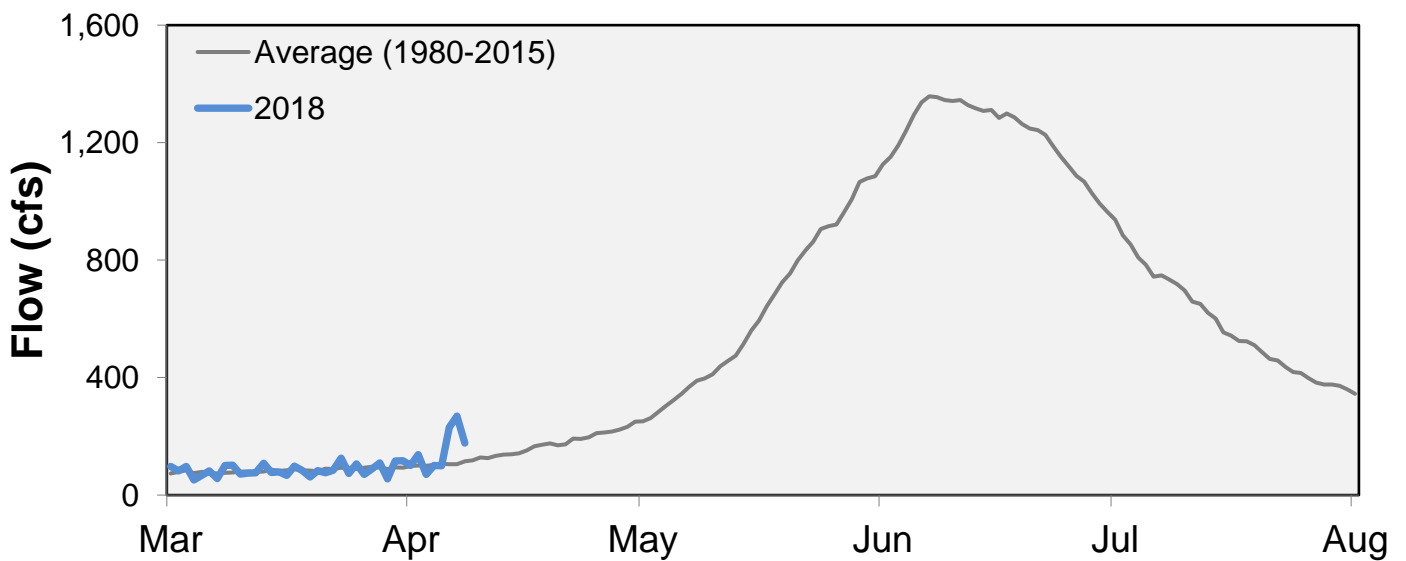
Natural Streamflow Volume Forecast							
Most Probable Percent of Average, April through July							
Colorado Basin			South Platte Basin				
Dillon Reservoir	Fraser at Winter Park	Williams Fork Reservoir	Gross Reservoir	Antero Reservoir	Eleven Mile Reservoir	Cheesman Reservoir	Strontia Springs Reservoir
98%	105%	94%	87%	58%	74%	68%	68%

Streamflow forecasts provided by the Natural Resource Conservation Service, Colorado Basin River Forecast Center and Missouri Basin River Forecast Center.

### Cheesman Reservoir Natural Inflow



### Dillon Reservoir Natural Inflow



April 16, 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)	446,300												
Actual End-of-Month Supply Reservoir Contents (AF)	466,073	460,966	455,332										
Actual % Full	90%	89%	88%										
Historical Median % Full	81%	80%	79%										
12-17 Avg. Daily Use (MG)	109	109	108	125	169	289	289	281	239	152	108	104	111
Actual Daily Use (MG)	1	99	96	100	102								
	2	105	106	97	110								
	3	112	98	108	107								
	4	100	95	100	110								
	5	115	111	102	118								
	6	99	104	101	105								
	7	105	96	100	104								
	8	108	107	113	110								
	9	114	100	114	113								
D	10	107	93	103	118								
A	11	103	103	105	126								
Y	12	101	105	105									
	13	99	100	107									
O	14	102	102	109									
F	15	101	105	106									
	16	103	99	105									
M	17	112	105	105									
O	18	101	100	103									
N	19	105	100	102									
T	20	103	100	100									
H	21	91	112	107									
	22	111	97	103									
	23	97	106	99									
	24	111	107	104									
	25	101	104	103									
	26	102	106	105									
	27	98	97	101									
	28	111	109	95									
	29	102		100									
	30	105		103									
	31	104		97									
Monthly Average	104	102	103	111									104
% of 12-17 Avg. Daily Use	96%	94%	95%	89%									94%

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 April 1, 2018. 4) The differences between predicted and actual end-of-month supply reservoir contents are the result of imperfect predictions of daily use, supply, evaporation, carriage losses and raw water deliveries. 5) Predicted supply reservoir contents last updated on April 7, 2018. 6) Daily water figures are subject to change.