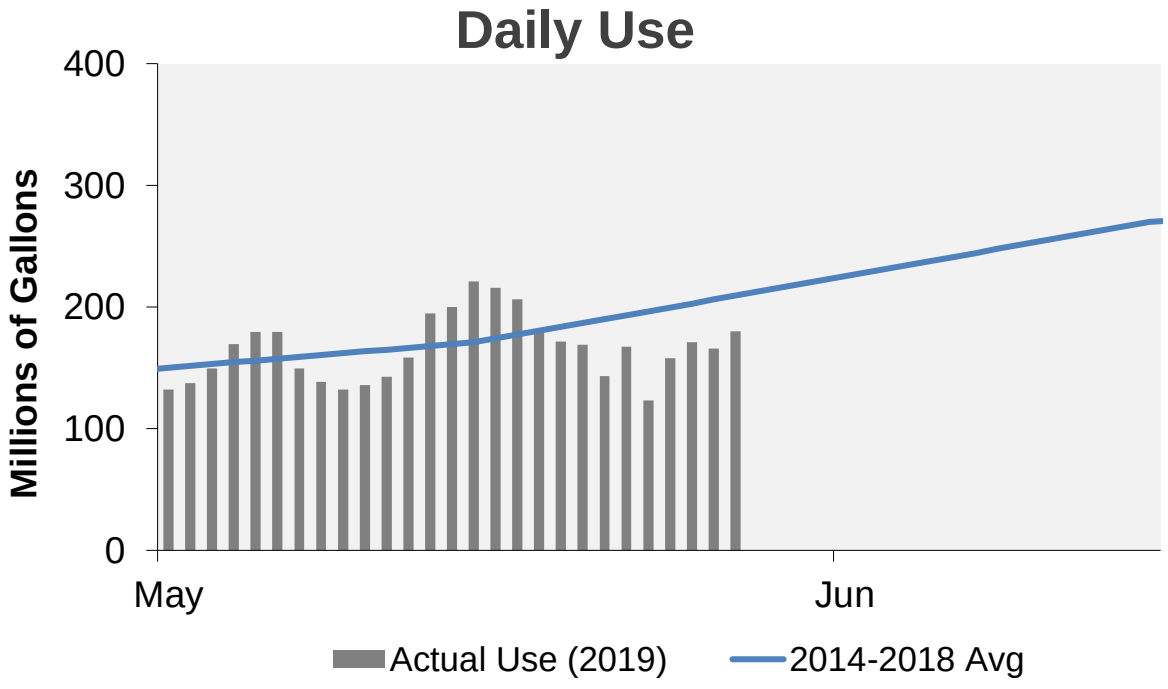
DENVER WATER

WATER WATCH REPORT

May 28, 2019

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 Historical Median
Antero	19,881	19,826	19,262	97%	101%	100%
Eleven Mile	97,779	97,779	99,658	102%	102%	102%
Cheesman	79,064	79,064	61,461	78%	89%	92%
Marston	19,256	13,133	7,110	54%	70%	76%
Strontia Springs	7,863	7,163	6,304	88%	85%	94%
Chatfield	27,076	10,782	10,629	99%	98%	93%
Dillon	257,304	249,095	180,300	72%	98%	91%
Gross	41,811	29,811	7,701	26%	52%	47%
Ralston	10,776	7,276	3,987	55%	77%	79%
Meadow Creek	5,370	4,520	0	0%	62%	29%
Total	**566,180**	**518,449**	**396,412**	**76%**	**93%**	**85%**



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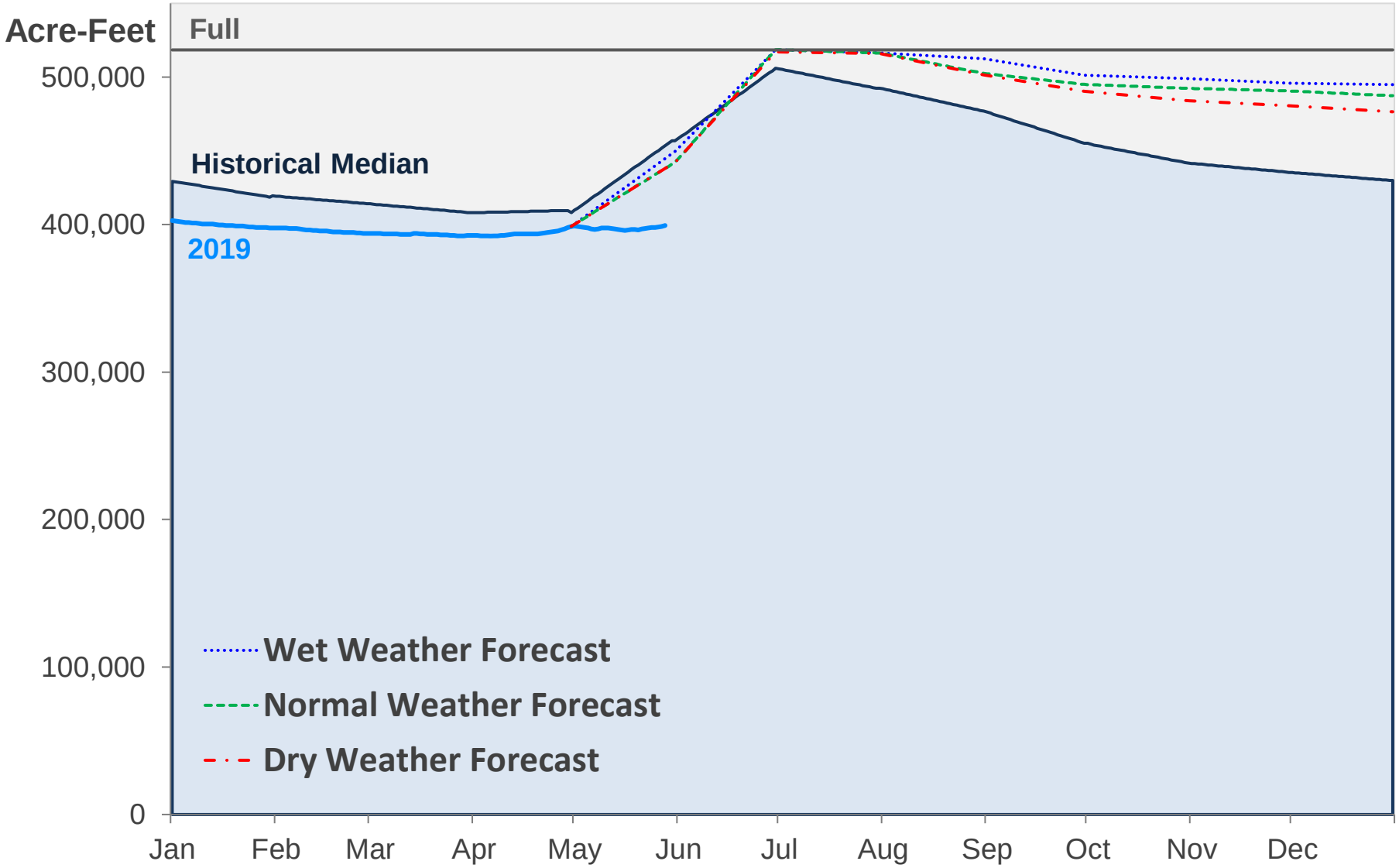
Supply Reservoir Contents



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

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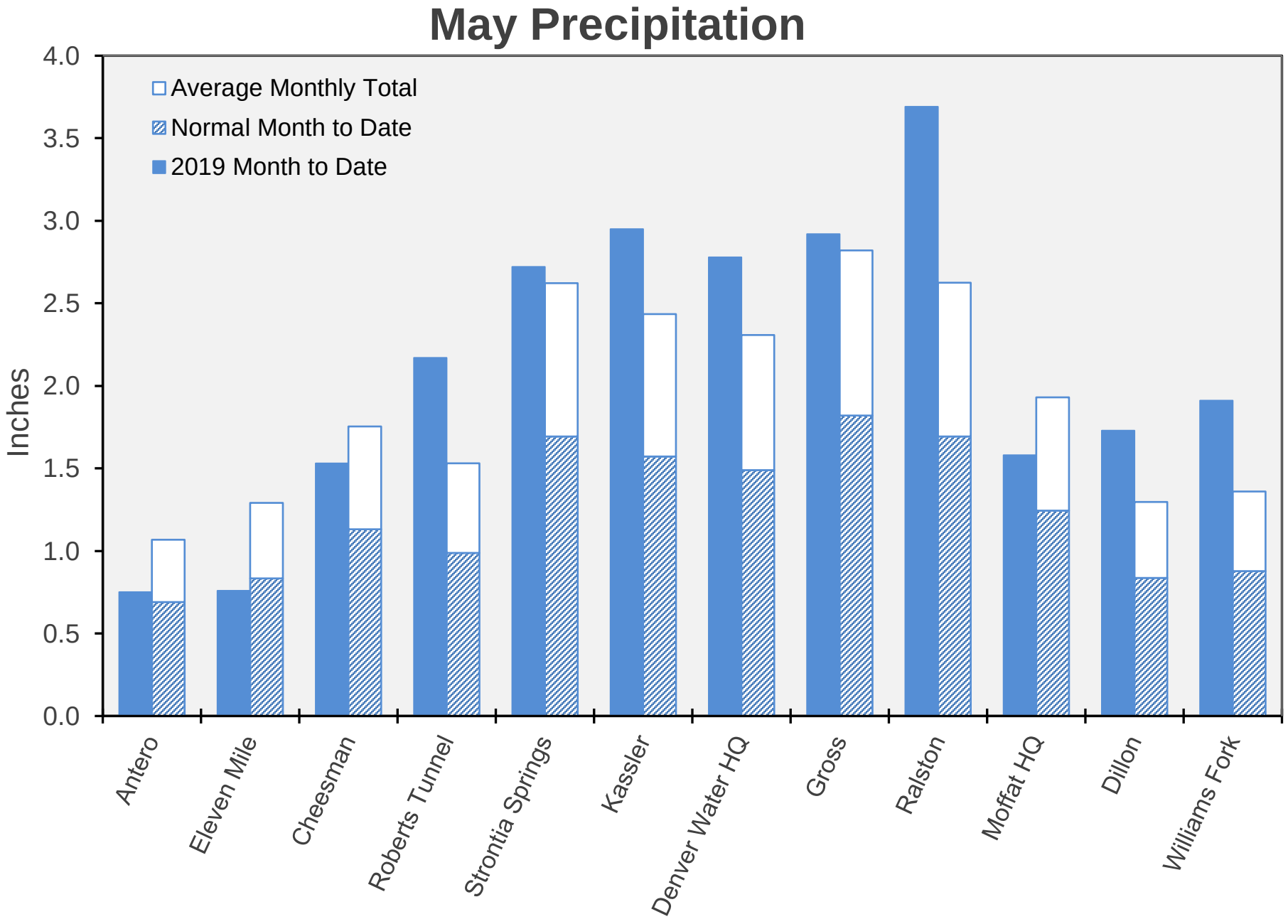
May Precipitation
Average Monthly Total
Normal Month to Date
2019 Month to Date
Inches
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Antero
Eleven Mile
Cheesman
Roberts Tunnel
Strontia Springs
Kassler
Denver Water HQ
Gross
Ralston
Moffat HQ
Dillon
Williams Fork

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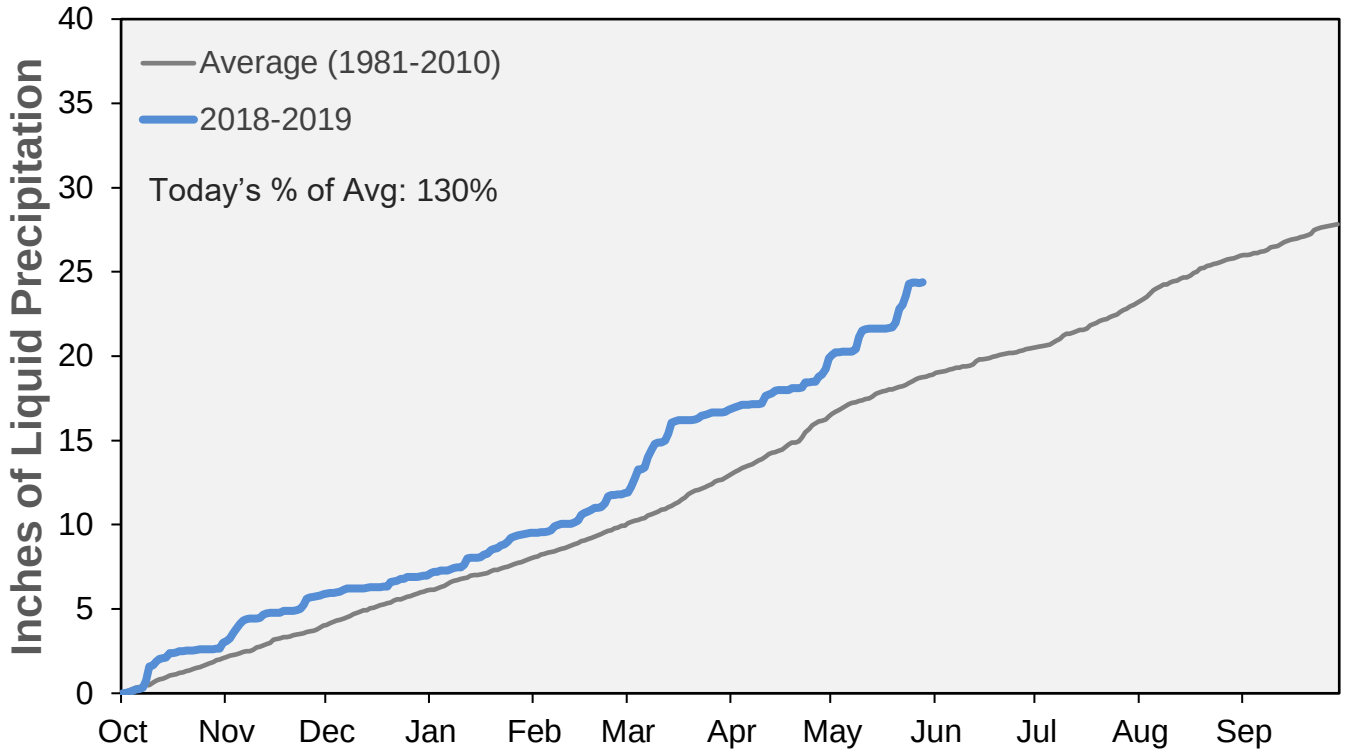
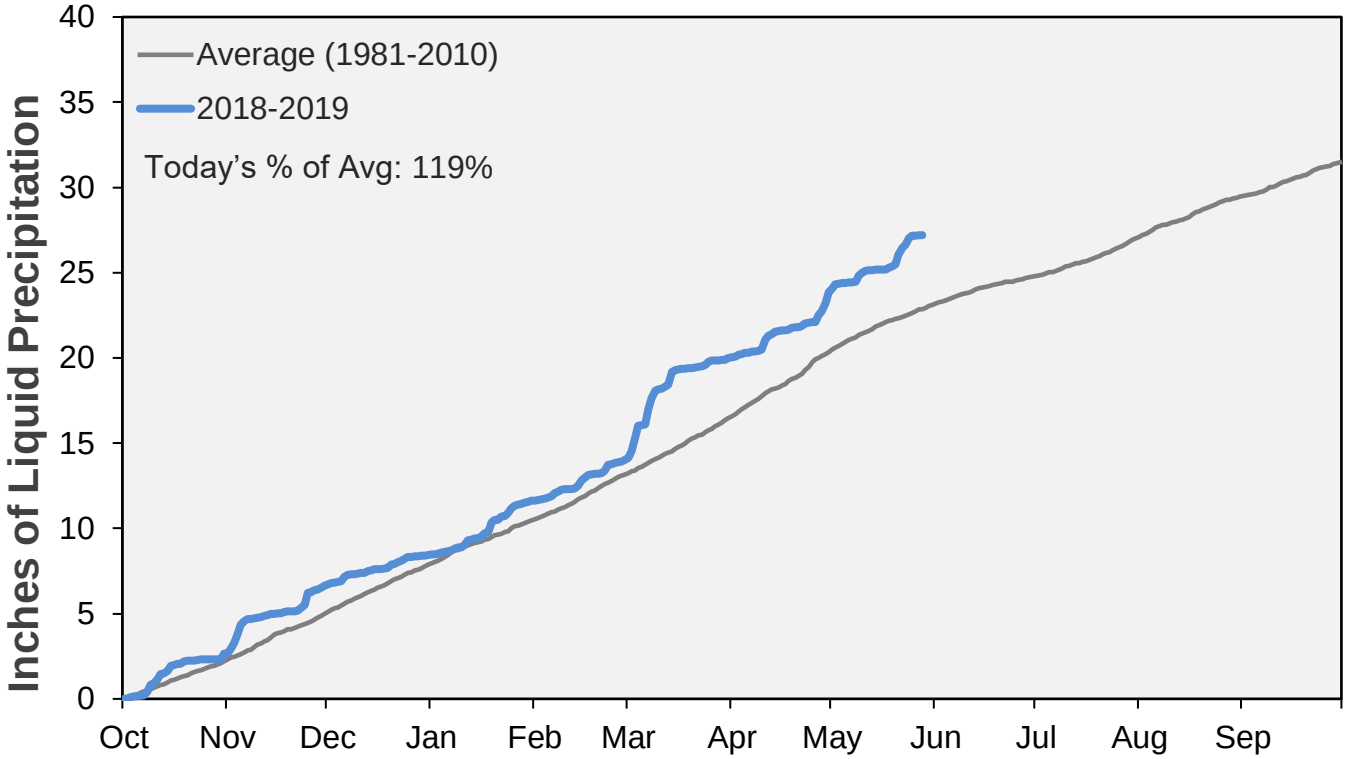
Cumulative Precipitation: South Platte River Watershed



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.

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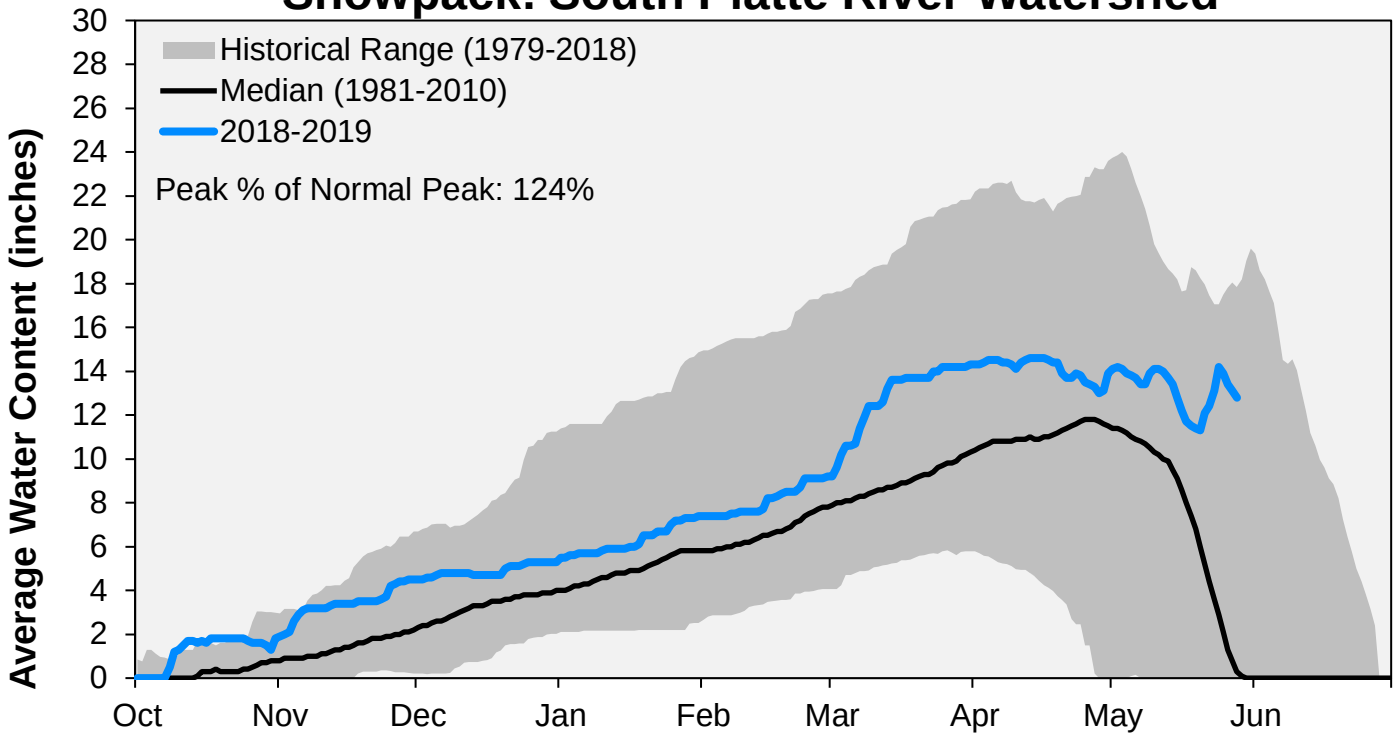
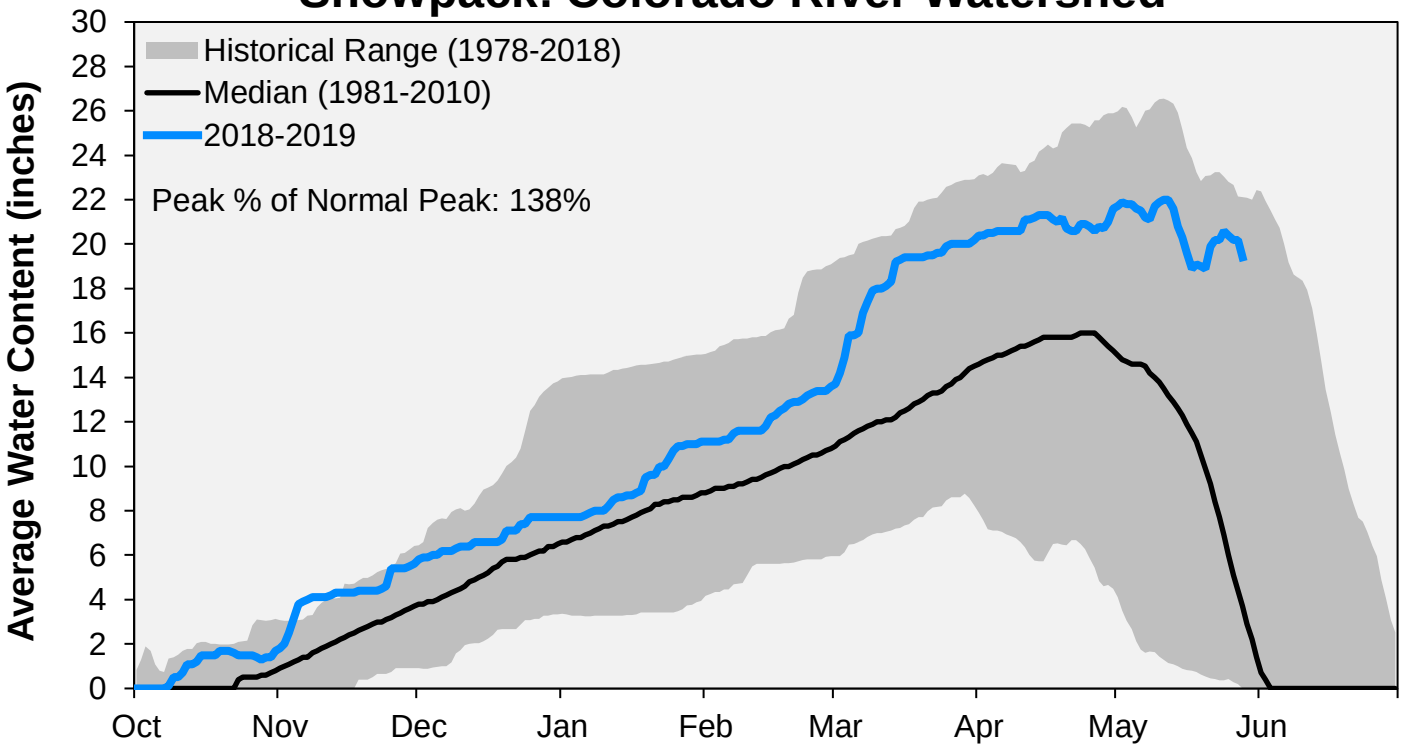
Snowpack: South Platte River Watershed



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.

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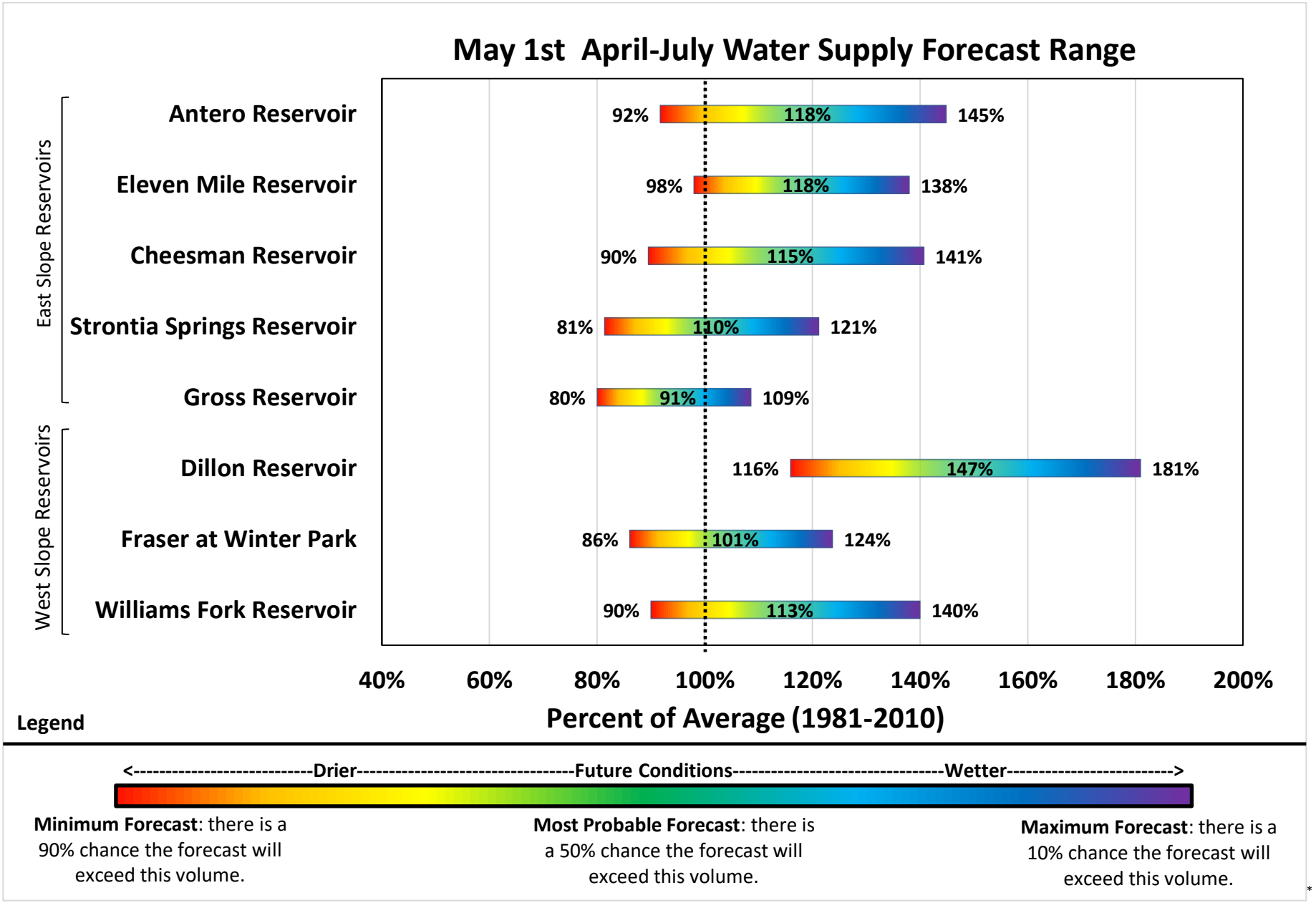

[*] *Runoff forecasts are updated monthly on the 1st, so these numbers do not reflect precipitation that occurs later in the month.*

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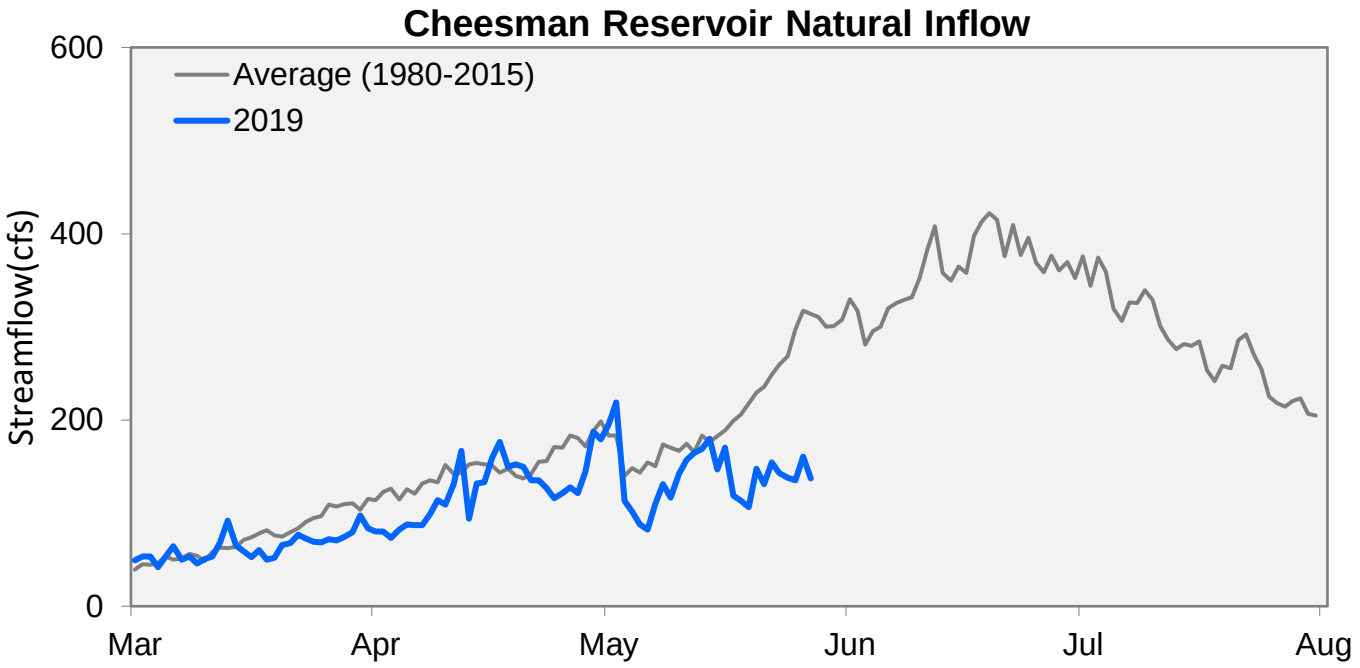
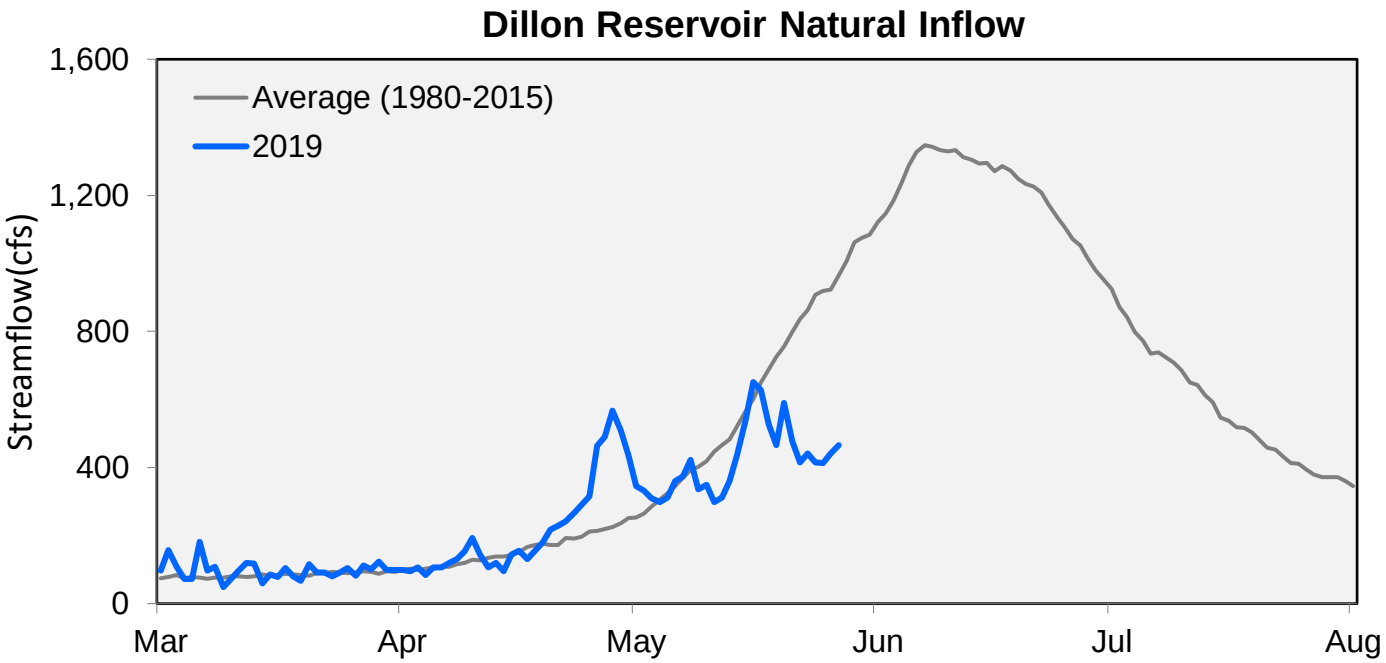

Cheesman Reservoir Natural Inflow
Average (1980-2015)
2019
Streamflow(cfs)
600
400
200
0
Mar
Apr
May
Jun
Jul
Aug


Dillon Reservoir Natural Inflow
Average (1980-2015)
2019
Streamflow(cfs)
1,600
1,200
800
400
0
Mar
Apr
May
Jun
Jul
Aug

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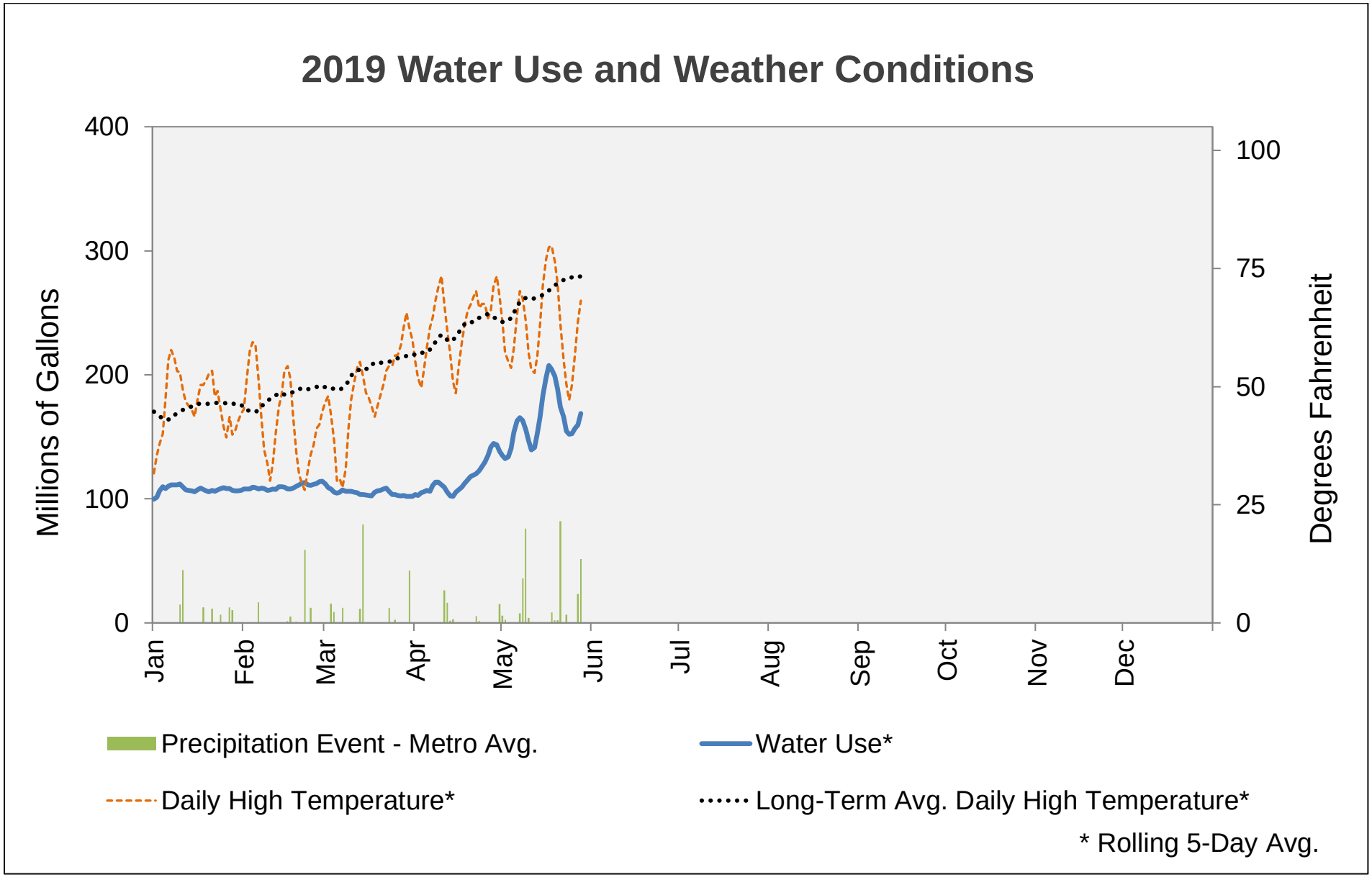
2019 Water Use and Weather Conditions
Millions of Gallons
400
300
200
100
0
100
75
50
25
0
Degrees Fahrenheit
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Precipitation Event - Metro Avg.
Water Use*
Daily High Temperature*
Long-Term Avg. Daily High Temperature*
* Rolling 5-Day Avg.

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Denver Water Use and Reservoir Contents 2019

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD-Avg
Predicted End-of-Month Supply Reservoir Contents (Full = 518,449 AF)						445,000								
Actual End-of-Month Supply Reservoir Contents (AF)		397,696	393,994	392,690	398,810									
Actual % Full		76%	76%	76%	77%									
Historical Median % Full		80%	80%	79%	77%									
14-'18 Avg. Daily Use (MG)		109	109	107	126	171	270	296	280	246	149	108	105	123
Actual Daily Use (MG)	1	102	111	101	114	132								
	2	111	105	101	96	137								
	3	112	106	109	105	149								
	4	111	114	107	109	169								
	5	106	108	105	108	180								
	6	112	106	104	111	179								
	7	116	110	110	121	149								
	8	112	103	104	118	138								
	9	110	107	108	110	132								
D	10	111	109	105	97	136								
A	11	100	111	101	102	143								
Y	12	104	109	107	102	159								
	13	109	113	97	100	195								
O	14	109	107	108	108	200								
F	15	106	108	104	114	221								
	16	108	104	99	114	216								
M	17	110	108	104	112	206								
O	18	105	117	112	115	180								
N	19	102	114	113	122	171								
T	20	103	113	105	127	169								
H	21	113	111	105	120	143								
	22	106	111	108	117	168								
	23	112	108	99	128	123								
	24	109	112	98	139	158								
	25	106	115	106	143	171								
	26	109	116	103	148	166								
	27	106	118	106	151	180								
	28	105	110	100	142									
	29	107		95	135									
	30	107		105	116									
	31	110		103										
Monthly Average		108	110	104	118	166								120
% of '14-'18 Avg. Daily Use		99%	101%	97%	94%	97%								97%

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 May 1, 2019. 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 May 8, 2019. 6) Daily water figures are subject to change.

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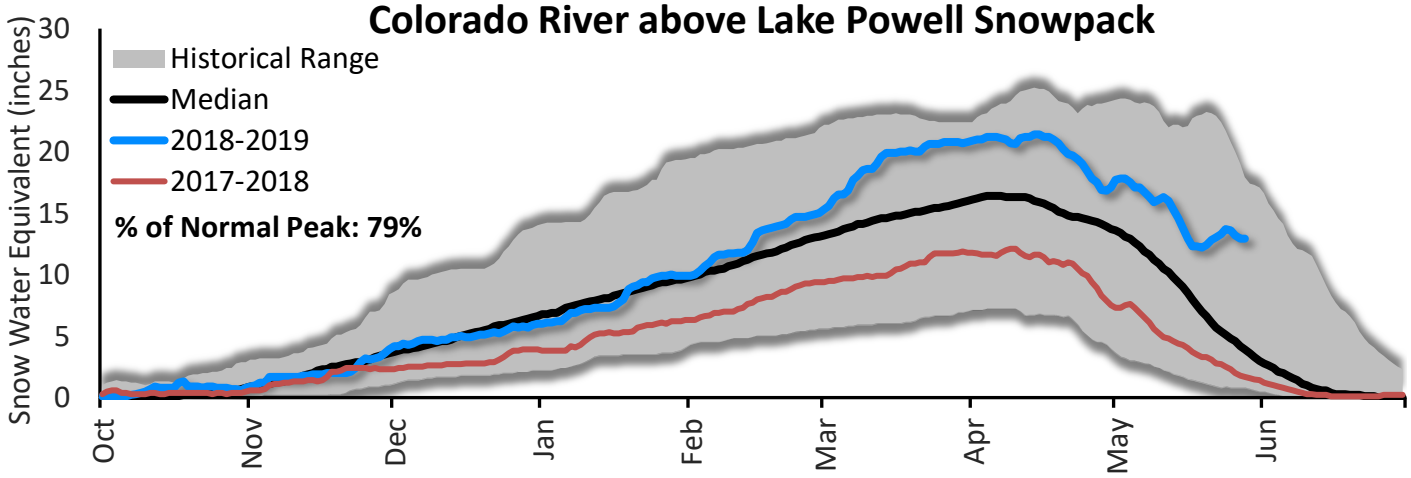
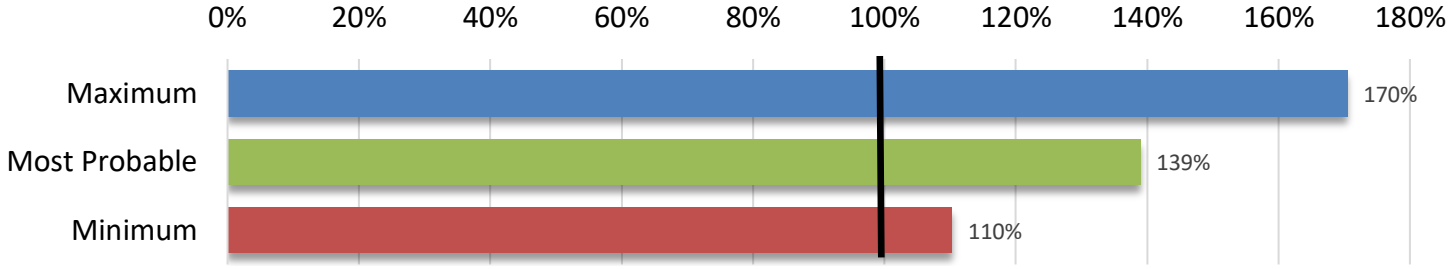
Lake Powell Report*

Colorado River above Lake Powell Snowpack



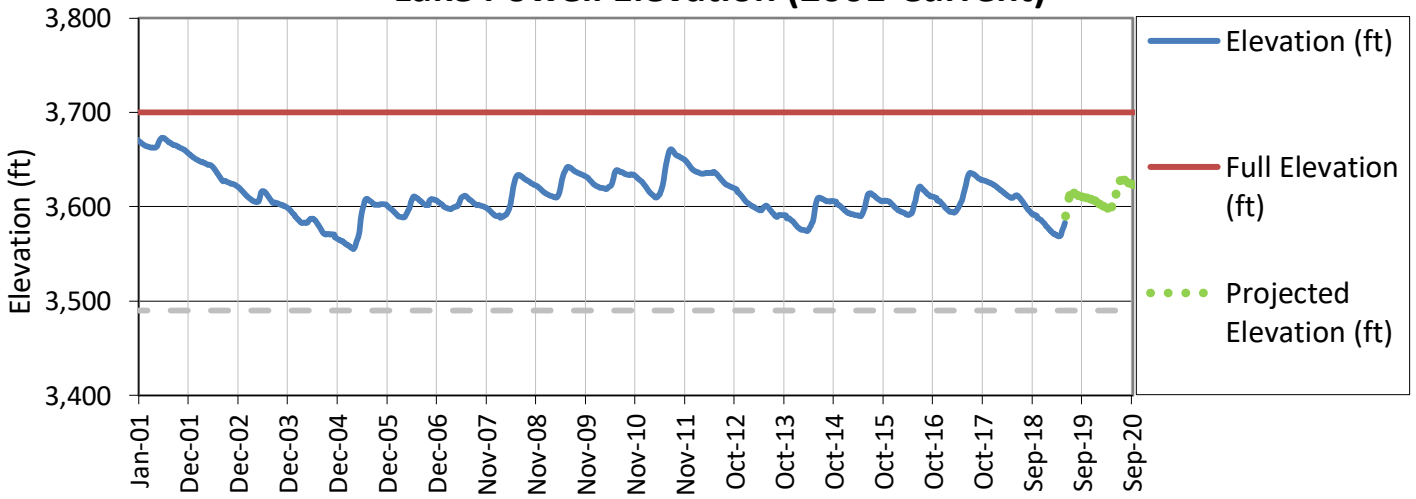
Data are from the 115 SNOTEL stations above Lake Powell located in Colorado, Utah and Wyoming.

May 1st Lake Powell Apr-Jul Natural Runoff Volume Forecast



Percent of 1981-2010 Average

Lake Powell Elevation (2001-Current)



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* *Denver Water gets half of its water supply from the Colorado River and closely monitors conditions at Lake Powell and within the greater Colorado River Basin.*