

SUMMIT COUNTY STATE OF RIVER MAY 2, 2018

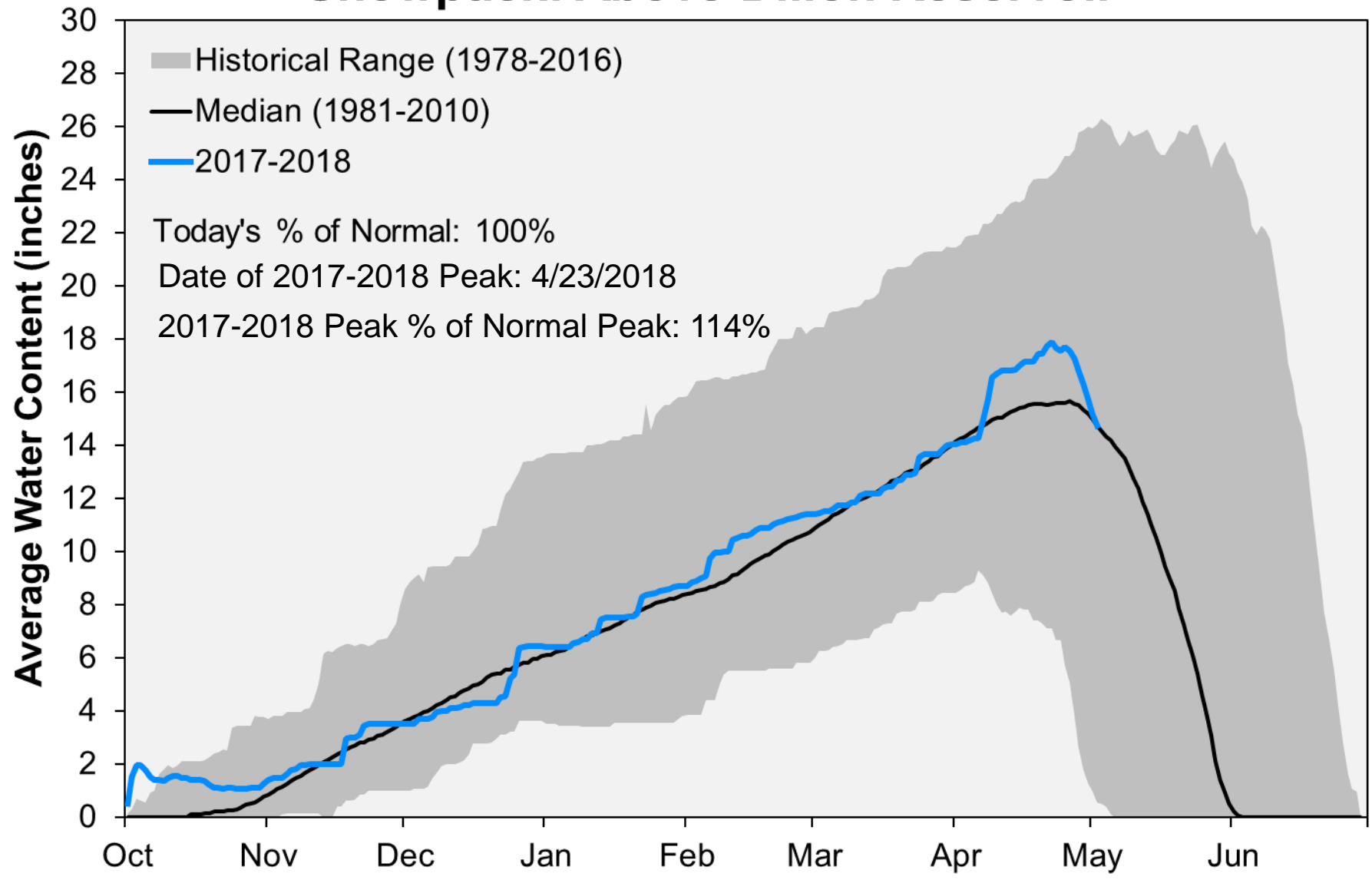


Nathan Elder, Raw Water Supply

Tonight's Agenda

- Snowpack
- Dillon Reservoir operational goals
- Dillon Reservoir projections
- Questions and answers

Snowpack: Above Dillon Reservoir



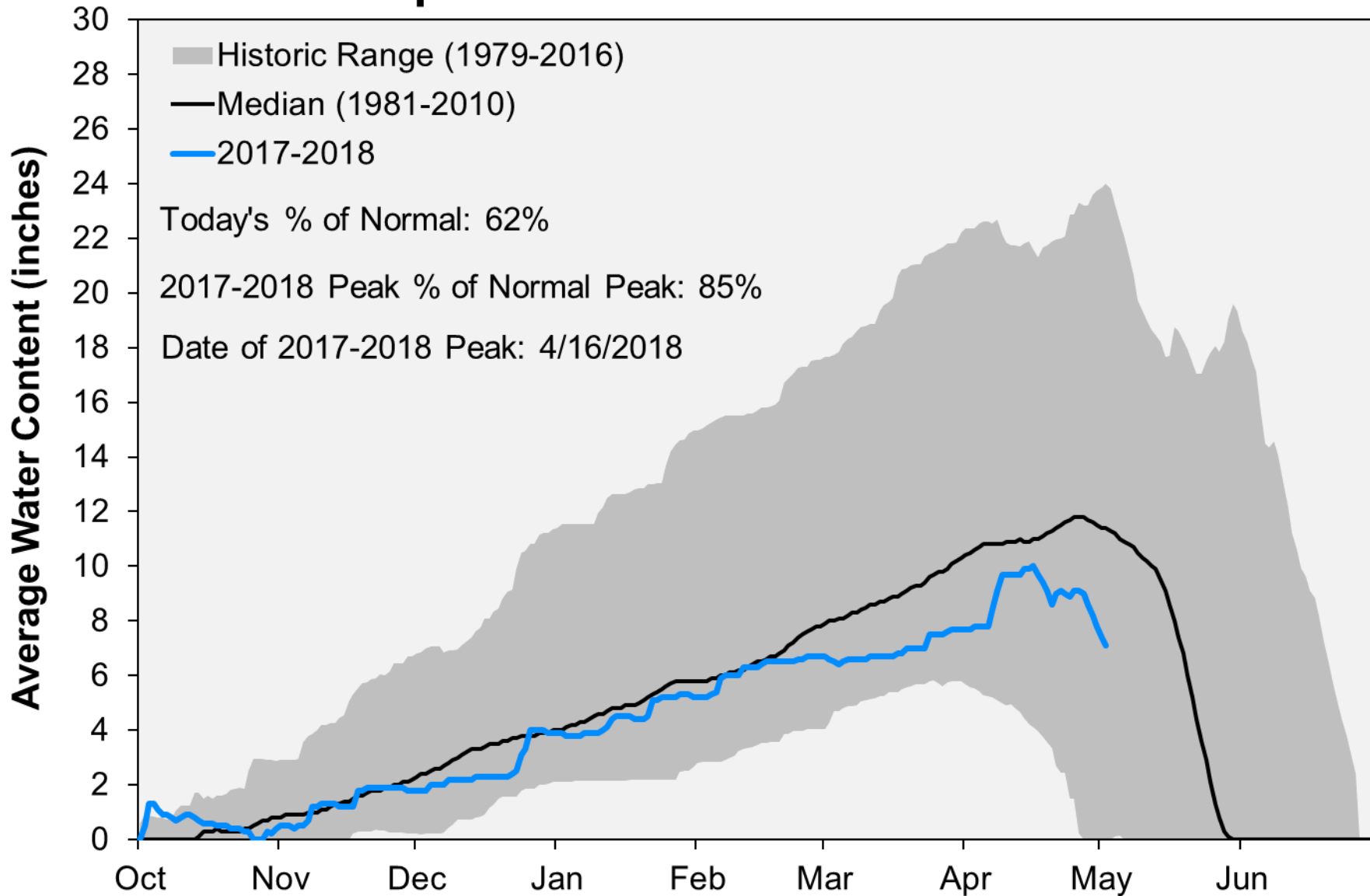
5/2/2018

Data are from the 4 Snotel stations above Denver Water's Dillon Reservoir.

5/23/2018



Snowpack: South Platte River Watershed



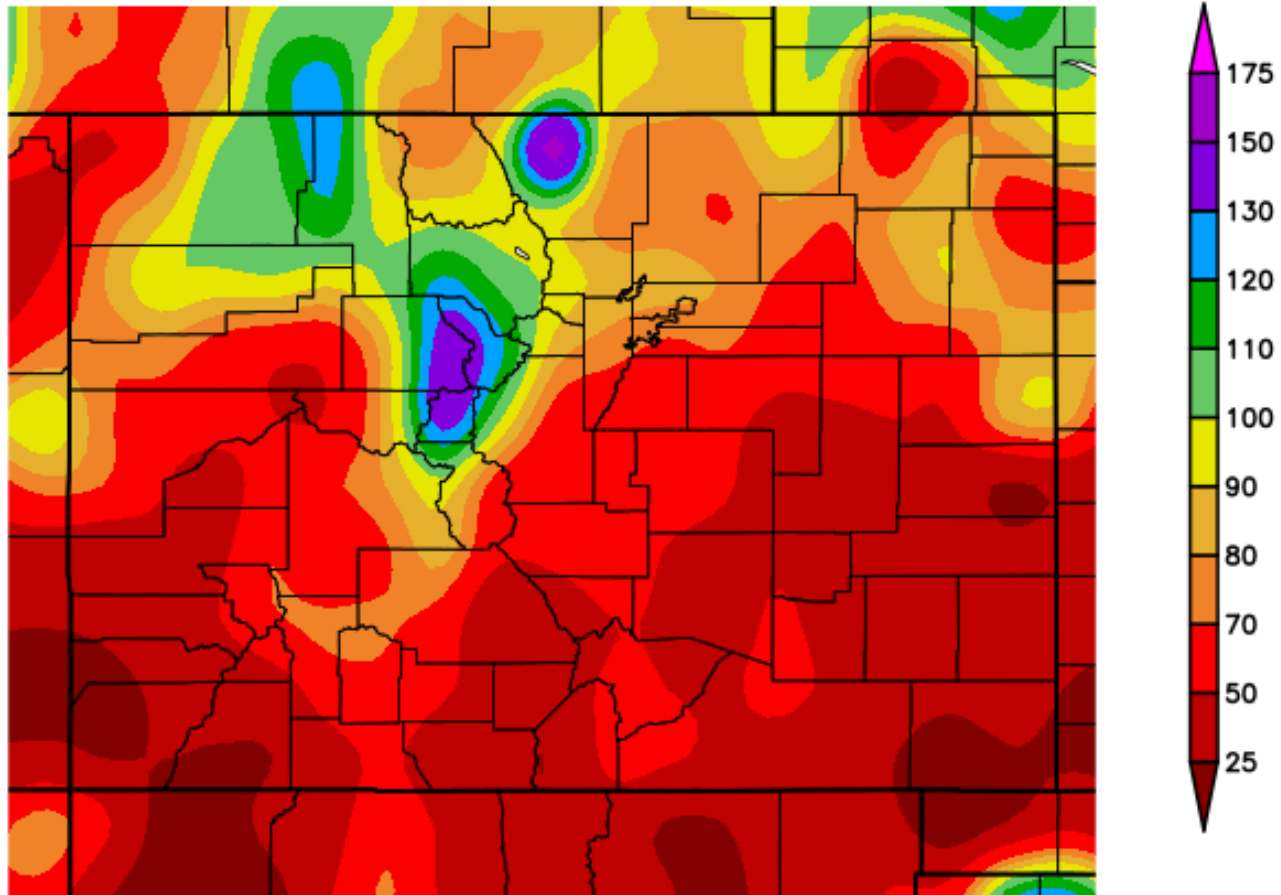
5/2/2018

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

5/23/2018

Summit County Precipitation

Percent of Normal Precipitation (%)
10/1/2017 – 4/30/2018



Generated 5/1/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Dillon Reservoir Operational Goals

- Water supply
- Reduce flood risk
- Reservoir boating
- Rafting and kayaking
- Trout fishing
- Endangered fish



Dillon Reservoir Comparison Chart

May 2, 2018

	2017	2018	20 Year Average
May 2 Snow Water Equivalent (inches)	18.4	14.8	15
Peak Snow Water Equivalent (inches)	18.8 (May 4)	17.9 (April 23)	15.7 (April 26)
May 2 Reservoir Elevation (feet)	9004.23 *	9010.55 *	9002 *
May 2 Release to Blue River (cfs)	98	100	210
Peak Inflow (cfs)	2042	??	1790
Peak Outflow (cfs)	1514	??	1151
Fill Date	6/21/2017	??	June 5

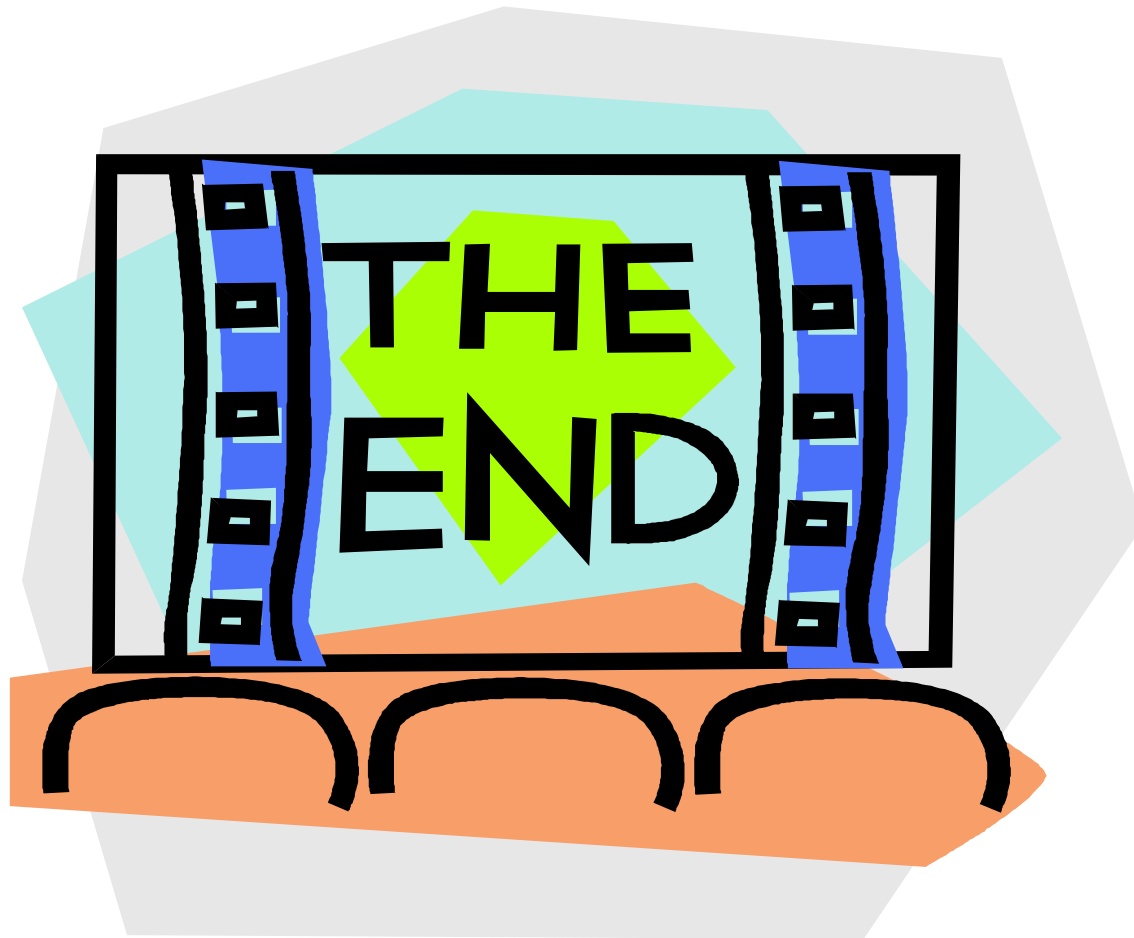
* Full elevation = 9017

Recreation

Caution: The following are very rough predictions. Denver water will be watching the weather and operating as best we can to meet the operational goals.

1. Dillon has likely reached its lowest point for the spring at 9010 feet in late April. Dillon is expected to fill by mid-June.
2. We think there will be raftable flows (500 cfs or more) for 2 to 4 weeks starting sometime between late May and mid-June. Flows will be highly dependent on how quickly and when snowpack melts.





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