

Snowpack and Streamflow Comparisons March 1, 2021



Snow Water Content

% of Average

Colorado's Statewide Snowpack	85%
Upper Colorado River ⁽¹⁾	82%
South Platte Tributaries ⁽²⁾	85%

Snow-Water Content Comparisons (inches)

Watershed	March 1, 2021 Snow-Water Content			March 1 Comparative Snow-Water Content			
	2021	Average	% Avg	2020	2019	2018	2002
Blue River	9.1	11.4	80%	121%	114%	89%	71%
Upper Colorado River	9.8	12.6	78%	117%	96%	83%	65%
Willow Creek	7.0	8.6	82%	108%	95%	89%	64%
Fraser River	10.2	11.7	87%	127%	99%	80%	67%
Poudre River	9.3	11.4	82%	117%	92%	87%	63%
Big Thompson River	10.2	11.6	89%	126%	94%	81%	59%
St. Vrain River	7.7	9.1	86%	121%	97%	78%	50%
Boulder Creek	7.5	9.1	82%	130%	97%	91%	54%

Apr-Jul Maximum, Minimum and Most Probable Streamflow Forecasts (1000 af)

Watershed	Forecast Minimum	Most Probable	Forecast Maximum	Apr-Jul Avg ⁽³⁾	Most Prob % Average
Blue River	112	185	257	275	67%
Upper Colorado River	124	161	233	220	73%
Willow Creek	13	32	66	47	68%
Fraser River	60	95	130	117	81%
Poudre River	87	174	260	225	77%
Big Thompson River	36	74	112	90	82%
St. Vrain River	35	70	106	88	80%
Boulder Creek	28	45	61	54	83%
South Platte Tributaries	--	363	--	457	80%

Precipitation within District Boundaries ⁽⁴⁾

	Totals	Average	% Average
February	0.52	0.34	153%
Nov - Feb	1.55	1.81	85%

- (1) Includes the Colorado, Willow Creek, Fraser and Blue River Watersheds
 (2) Includes the Poudre, Big Thompson, Saint Vrain and Boulder Creek Watersheds
 (3) Average for the period 1981-2010
 (4) Computed using CoCoRaHS and Northern Water Stations