

Snowpack and Streamflow Comparisons March 1, 2024



Snow Water Content

% of Average

Colorado's Statewide Snowpack	94%
Upper Colorado River ⁽¹⁾	98%
South Platte Tributaries ⁽²⁾	90%

Snow-Water Content Comparisons (inches)

Watershed	March 1, 2024 Snow-Water Content			March 1 Comparative Snow-Water Content			
	2024	Average	% Avg	2023	2022	2021	2002
Blue River	11.2	11.4	98%	91%	85%	80%	72%
Upper Colorado River	11.2	12.6	89%	109%	93%	81%	65%
Willow Creek	7.9	8.6	92%	122%	103%	82%	63%
Fraser River	13.2	11.6	114%	106%	88%	87%	62%
Poudre River	9.6	11.3	85%	109%	100%	83%	63%
Big Thompson River	10.6	11.6	91%	126%	108%	88%	58%
St. Vrain River	8.3	9.1	91%	121%	110%	85%	50%
Boulder Creek	8.5	9.1	94%	104%	95%	83%	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	193	267	341	283	94%
Upper Colorado River	150	196	255	226	87%
Willow Creek	29	48	67	50	96%
Fraser River	86	121	155	118	103%
Poudre River	112	198	283	230	86%
Big Thompson River	45	83	121	91	91%
St. Vrain River	48	83	118	90	92%
Boulder Creek	35	52	70	54	96%
South Platte Tributaries	--	416	--	465	89%

Precipitation within District Boundaries ⁽⁴⁾

	Totals	Average	% Average
February	1.27	0.34	372%
Nov - Feb	1.89	1.82	104%

(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 1991-2020

(4) Computed using CoCoRaHS and Northern Water Stations