

Snowpack and Streamflow Comparisons February 1, 2024



Snow Water Content

% of Average

Colorado's Statewide Snowpack	85%
Upper Colorado River ⁽¹⁾	91%
South Platte Tributaries ⁽²⁾	90%

Snow-Water Content Comparisons (inches)

Watershed	February 1, 2024 Snow-Water Content			February 1 Comparative Snow-Water Content			
	2024	Average	% Avg	2023	2022	2021	2002
Blue River	7.9	8.8	90%	97%	95%	68%	75%
Upper Colorado River	8.1	9.7	84%	122%	105%	64%	64%
Willow Creek	5.4	6.6	82%	136%	115%	66%	54%
Fraser River	9.6	8.8	109%	122%	98%	75%	62%
Poudre River	6.7	8.7	77%	123%	114%	66%	53%
Big Thompson River	7.6	8.7	88%	146%	120%	62%	57%
St. Vrain River	6.6	6.8	96%	133%	126%	58%	55%
Boulder Creek	6.8	6.9	98%	114%	100%	64%	59%

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	175	253	330	283	89%
Upper Colorado River	148	193	253	226	85%
Willow Creek	26	47	68	50	94%
Fraser River	83	118	154	118	100%
Poudre River	96	185	274	230	80%
Big Thompson River	42	80	118	91	88%
St. Vrain River	46	81	115	90	90%
Boulder Creek	35	52	69	54	96%
South Platte Tributaries	--	398	--	465	86%

Precipitation within District Boundaries ⁽⁴⁾

	Totals	Average	% Average
January	0.16	0.38	42%
Nov - Jan	0.62	1.47	42%

(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