

Snowpack and Streamflow Comparisons April 1, 2024



Snow Water Content

% of Average

Colorado's Statewide Snowpack	109%
Upper Colorado River ⁽¹⁾	106%
South Platte Tributaries ⁽²⁾	111%

Snow-Water Content Comparisons (inches)

Watershed	April 1, 2024 Snow-Water Content			April 1 Comparative Snow-Water Content			
	2024	Average	% Avg	2023	2022	2021	2002
Blue River	14.4	13.9	104%	98%	85%	88%	69%
Upper Colorado River	15.6	15.7	99%	114%	90%	88%	64%
Willow Creek	10.6	10.2	104%	139%	100%	83%	68%
Fraser River	17.3	15.1	115%	104%	85%	98%	60%
Poudre River	12.9	13.7	94%	107%	92%	99%	65%
Big Thompson River	15.7	14.4	109%	128%	96%	103%	61%
St. Vrain River	13.0	10.9	119%	126%	102%	109%	48%
Boulder Creek	14.1	11.4	123%	103%	91%	108%	56%

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	211	276	341	283	98%
Upper Colorado River	164	208	264	226	92%
Willow Creek	38	55	72	50	110%
Fraser River	103	132	161	118	112%
Poudre River	144	227	310	230	99%
Big Thompson River	57	93	130	91	102%
St. Vrain River	61	93	126	90	103%
Boulder Creek	42	59	76	54	109%
South Platte Tributaries	--	472	--	465	102%

Precipitation within District Boundaries ⁽⁴⁾

	Totals	Average	% Average
March	1.41	1.10	128%
Nov - Mar	3.30	2.92	113%

(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