

Snowpack and Streamflow Comparisons May 1, 2024



Snow Water Content

% of Average

Colorado's Statewide Snowpack	90%
Upper Colorado River ⁽¹⁾	105%
South Platte Tributaries ⁽²⁾	108%

Snow-Water Content Comparisons (inches)

Watershed	May 1, 2024 Snow-Water Content			May 1 Comparative Snow-Water Content			
	2024	Average	% Avg	2023	2022	2021	2002
Blue River	15.1	14.0	107%	99%	89%	81%	32%
Upper Colorado River	15.0	15.2	98%	102%	83%	81%	36%
Willow Creek	9.3	8.8	106%	142%	90%	82%	36%
Fraser River	17.5	16.0	110%	95%	77%	90%	35%
Poudre River	13.3	14.1	95%	107%	89%	96%	46%
Big Thompson River	15.5	15.1	103%	130%	96%	106%	37%
St. Vrain River	12.6	11.0	114%	111%	95%	121%	11%
Boulder Creek	12.9	10.8	119%	108%	86%	122%	14%

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	225	286	347	283	101%
Upper Colorado River	182	220	267	226	97%
Willow Creek	47	61	74	50	121%
Fraser River	110	135	159	118	114%
Poudre River	151	225	300	230	98%
Big Thompson River	62	93	124	91	102%
St. Vrain River	71	98	124	90	109%
Boulder Creek	46	59	71	54	109%
South Platte Tributaries	--	475	--	465	102%

Precipitation within District Boundaries ⁽⁴⁾

	Totals	Average	% Average
April	2.16	1.73	125%
Nov - Apr	5.46	4.67	117%

- (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