

Summary A Temperature Driven Snow Drought

Here's a summary of the warmer Bogus Basin temperatures that allowed precipitation to fall as rain rather than snow compared to a few other higher elevation sites in across central Idaho.

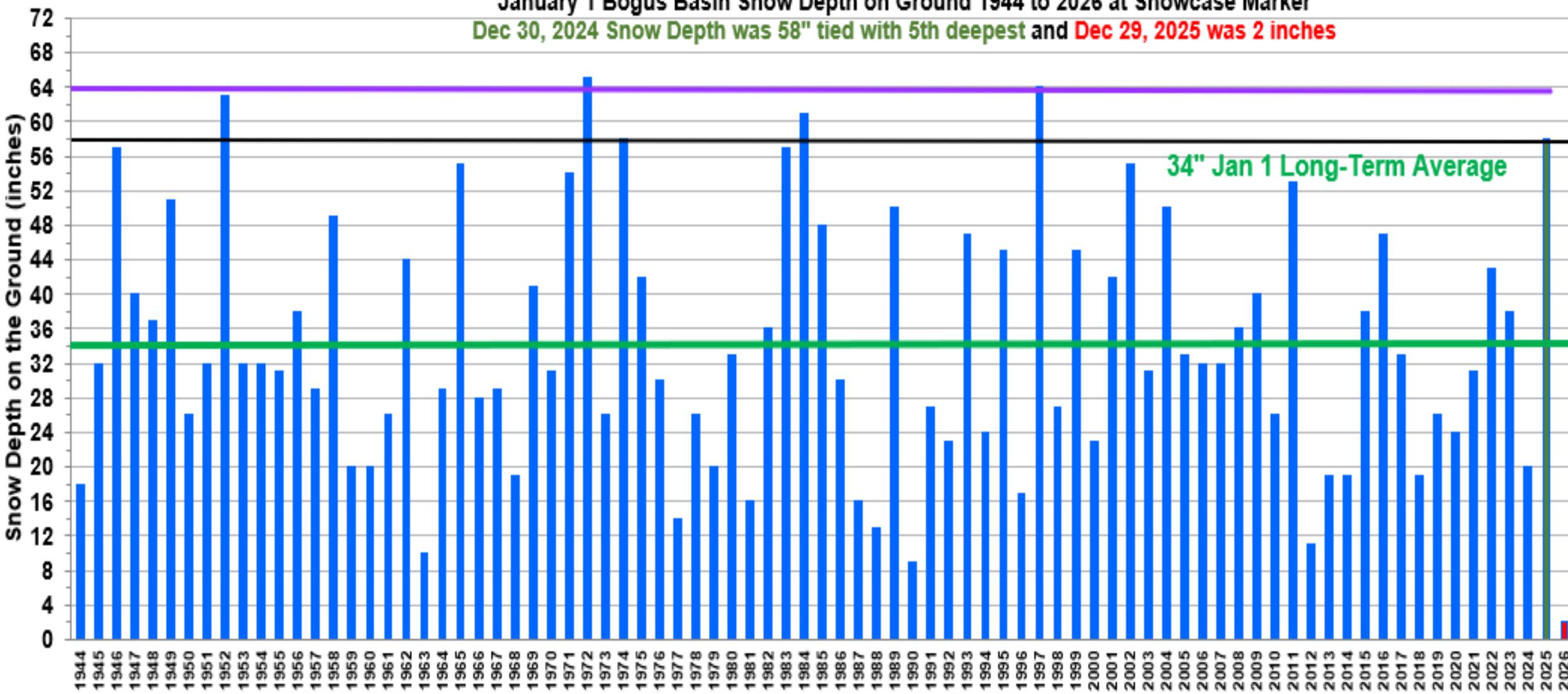
Interesting graphs, with warmer temps at Bogus Basin, elevation 6370 feet, top graph, most of precipitation fell as rain instead of snow. Normal precip with little snow to show. **Temperature Driven Snow Drought.**

While Smiley Mountain, elevation 9540 feet in the Big Lost River Basin, had nearly all precipitation since mid-October fall as snow and remain on the ground. SWE is 171%, highest in the state/region. **No Snow Drought here.**

What a Difference a Year Makes

Bogus Basin Jan 1 Snow Depth at Showcase Marker Years 1944 - 2026

January 1 Bogus Basin Snow Depth on Ground 1944 to 2026 at Showcase Marker
Dec 30, 2024 Snow Depth was 58" tied with 5th deepest and Dec 29, 2025 was 2 inches



Bogus Basin Daily Snow Depth on Ground Years 2000 - 2026

Current as of 01/02/2026

Snow Depth (in.)

120

100

80

60

40

20

0

Oct 1

Nov 1

Dec 1

Jan 1

Feb 1

Mar 1

Apr 1

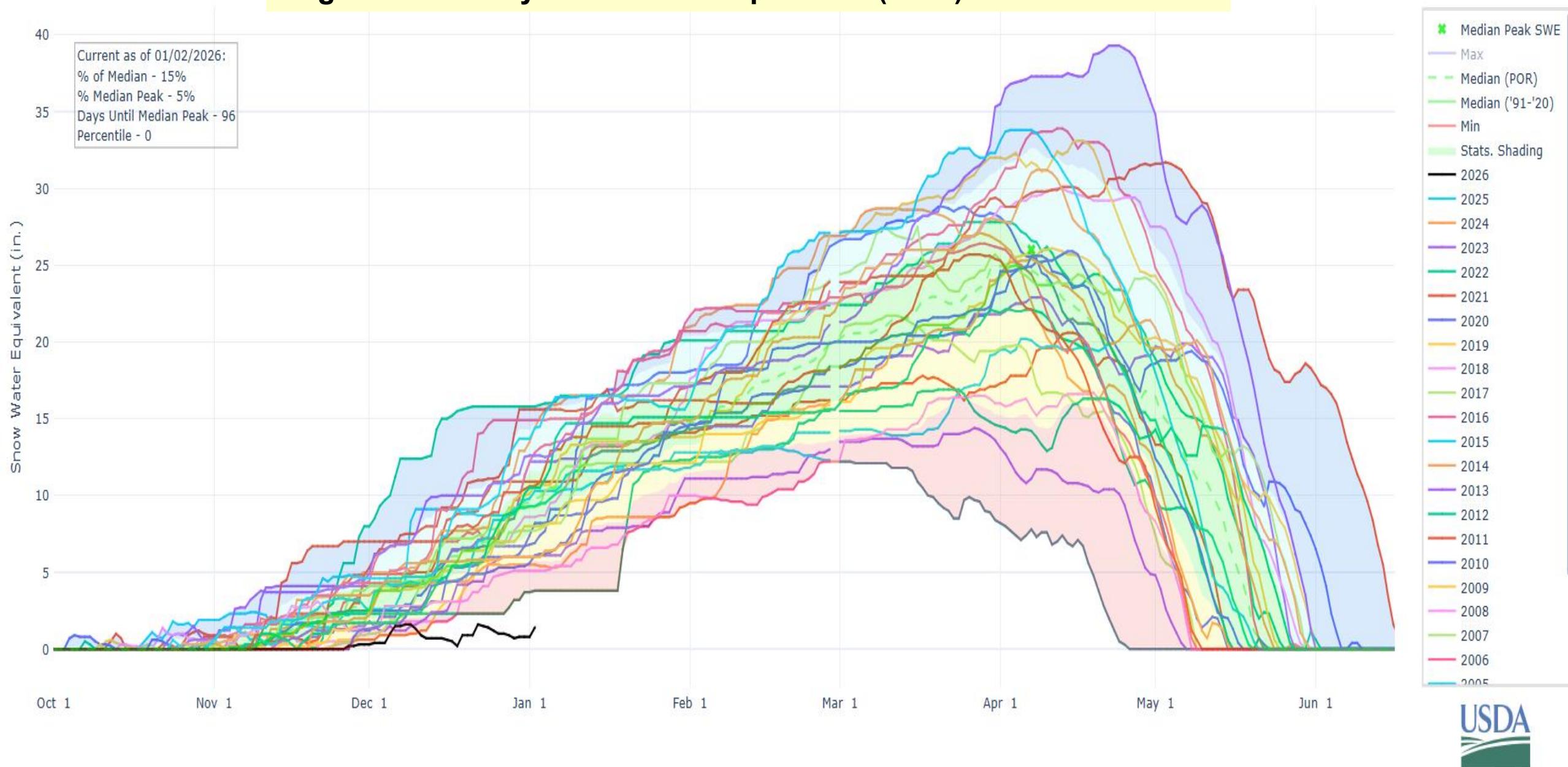
May 1

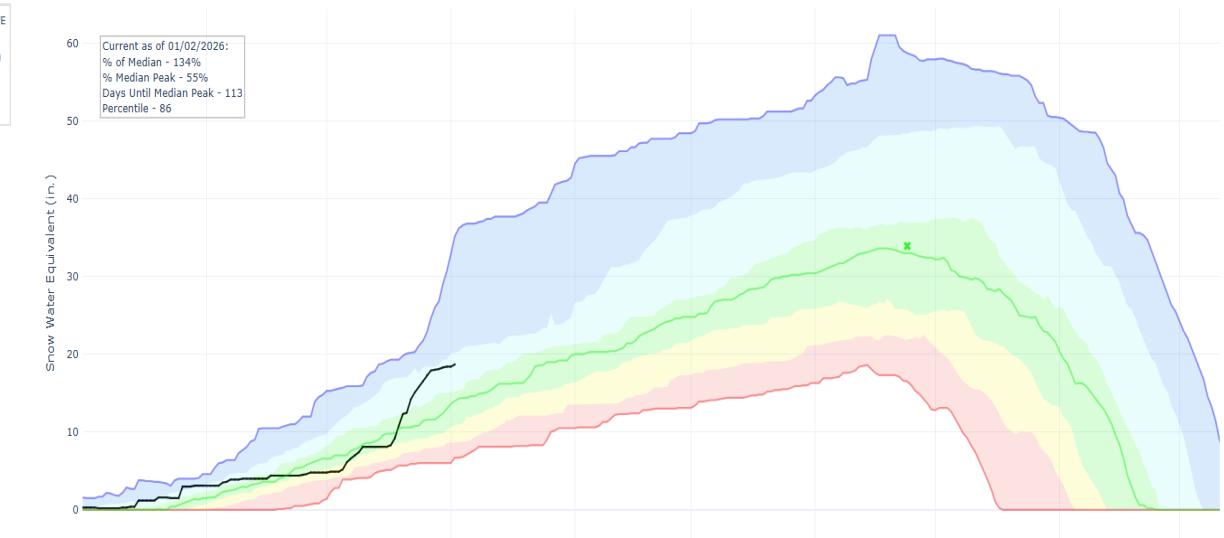
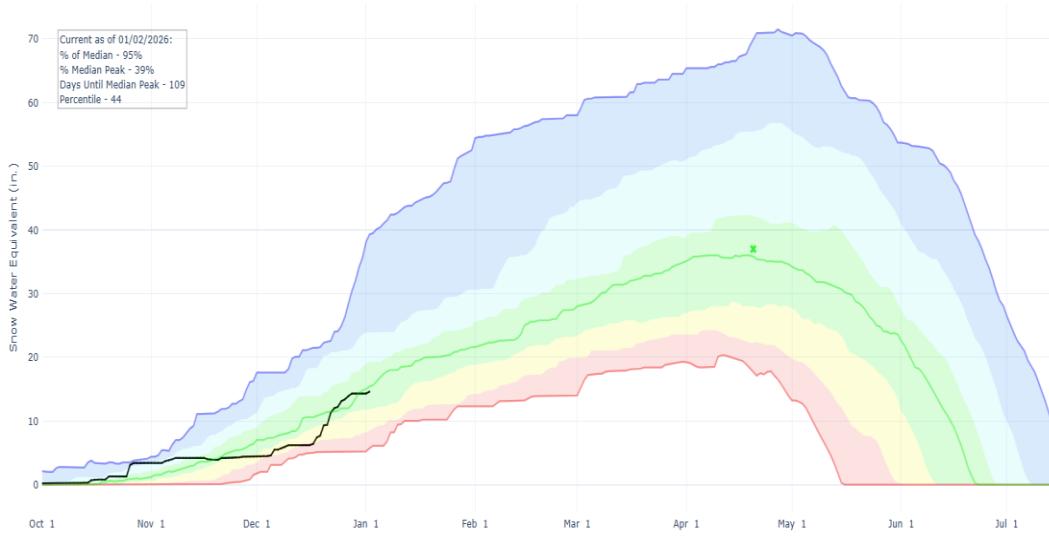
Jun 1

USDA



Bogus Basin Daily Snow Water Equivalent (SWE) Years 2000 - 2026





Median Peak SWE
 Max
 Median ('91-'20)
 Min
 Stats. Shading
 2026



Colder higher elevation temps allowed precip to fall as snow at other SNOTEL sites across central Idaho.

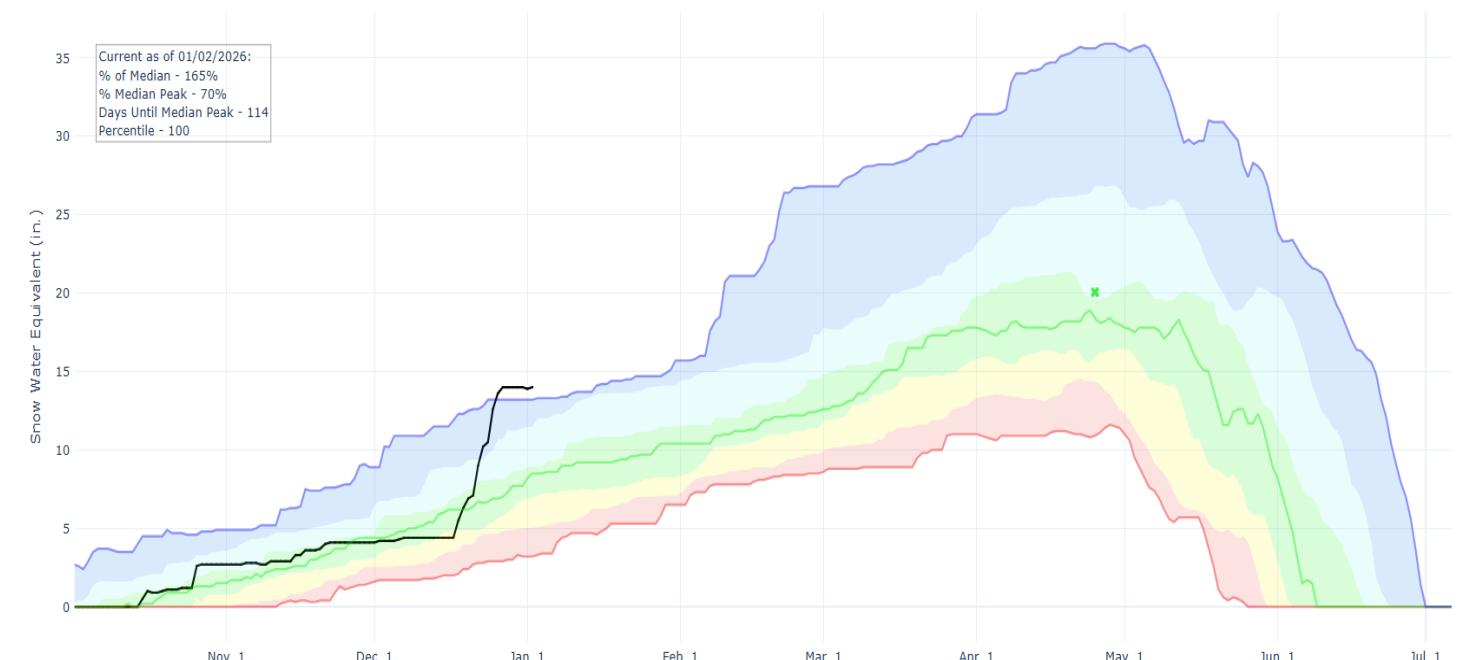
Elevations of sites in feet:

Bogus Basin 6370

Trinity Mtn 7790

Vienna Mine 8930

Smiley Mountain 9540



Median Peak SWE
 Max
 Median ('91-'20)
 Min
 Stats. Shading
 2026

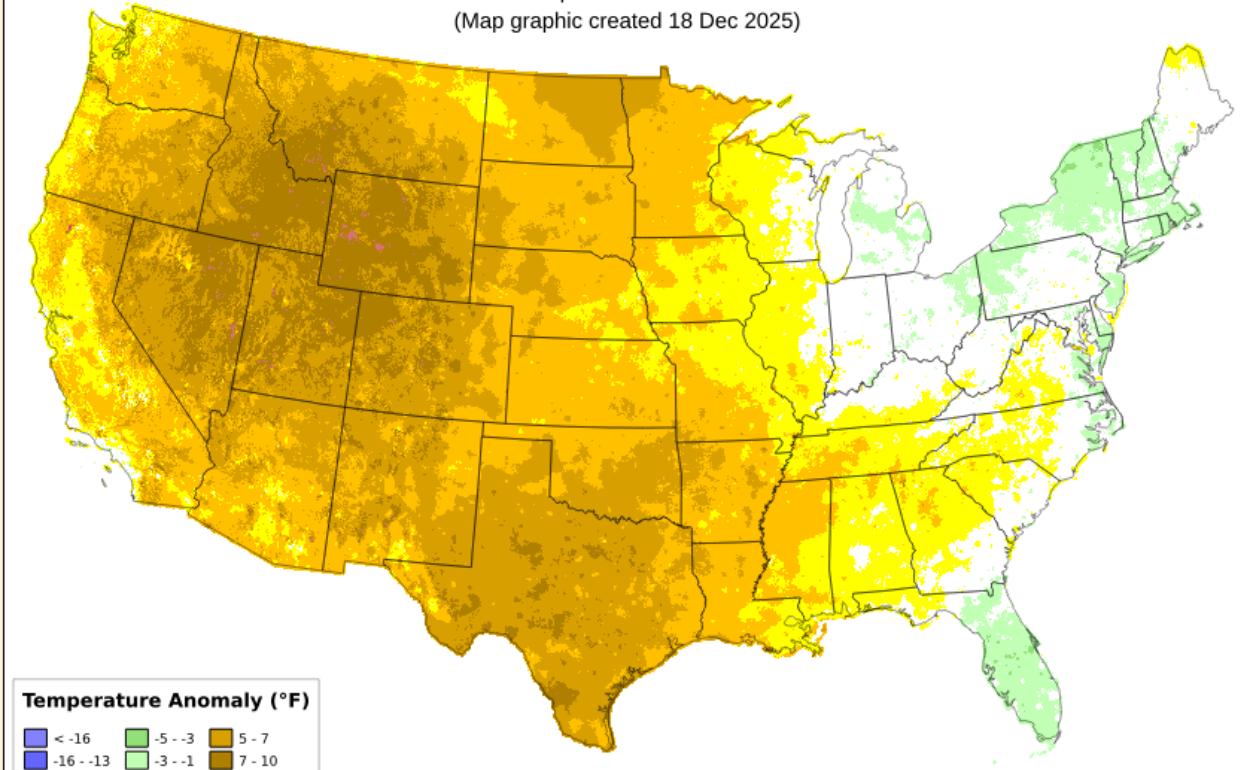


Daily Mean Temperature Anomaly: Nov 2025

Period ending 7 AM EST 30 Nov 2025

Base period: 1991 - 2020

(Map graphic created 18 Dec 2025)



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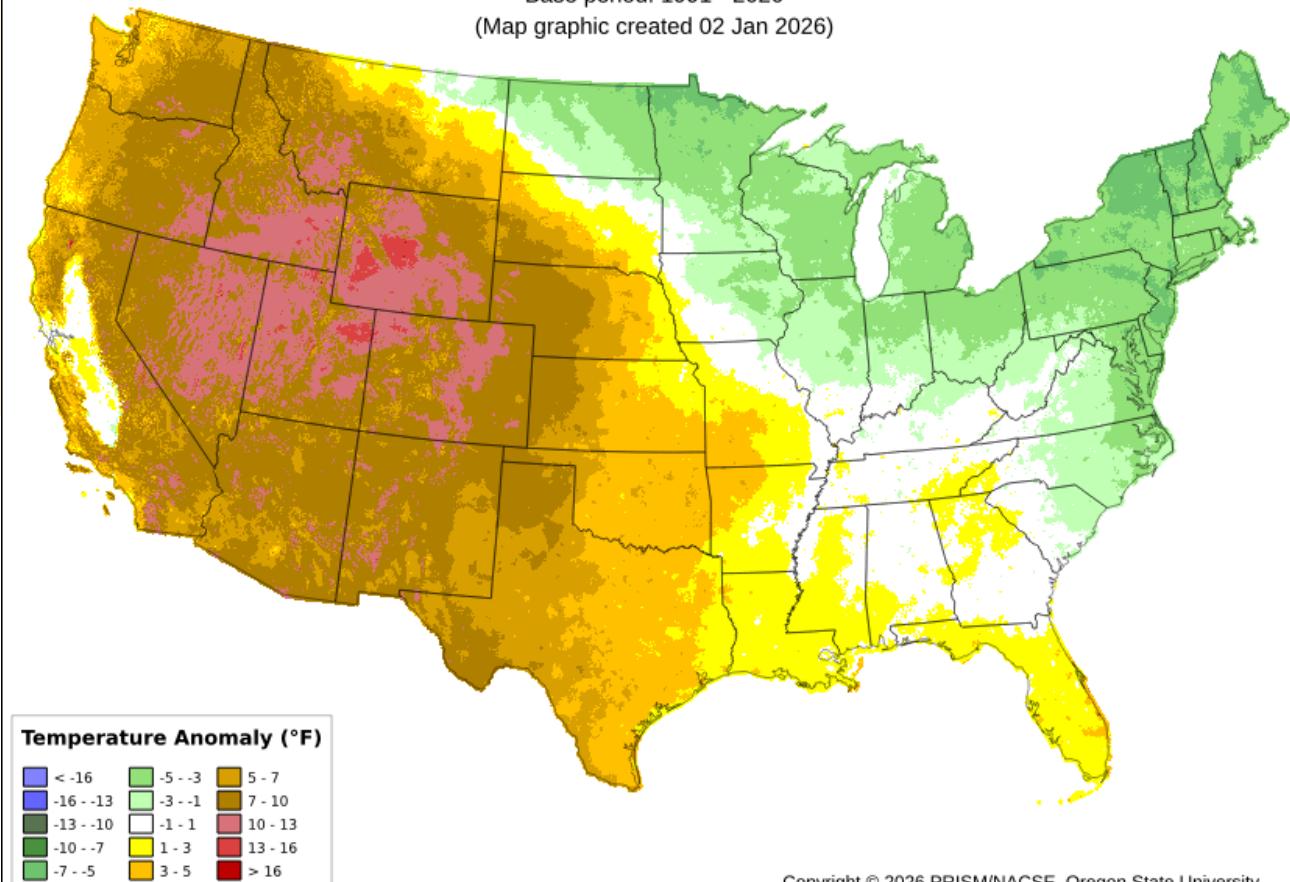
Daily Mean Temp Anomaly for Nov & Dec 2025

Daily Mean Temperature Anomaly: Dec 2025

Period ending 7 AM EST 31 Dec 2025

Base period: 1991 - 2020

(Map graphic created 02 Jan 2026)



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Average Monthly Temperature for November

Station: Boise Area

Period of Record: 1877-2026 (149 years)

Normal (1991-2020): 40.1 °F

YEAR	VALUE (°F)	RANK (COLDEST)	RANK (WARMEST) ▲
1904	47.5	149	1
1999	46.9	148	2
2016	46.8	147	3
1934	46.6	146	4
1899	46.5	145	5
2025	46.3	144	6
1927	45.8	143	7
1926	45.8	142	8
1937	45.7	141	9
1885	45.6	140	10

Boise Area Average Monthly Temps Starting in 1877

Nov 2025 was 6th Warmest

Dec 2025 was 3rd Warmest

Average Monthly Temperature for December

Station: Boise Area

Period of Record: 1877-2026 (149 years)

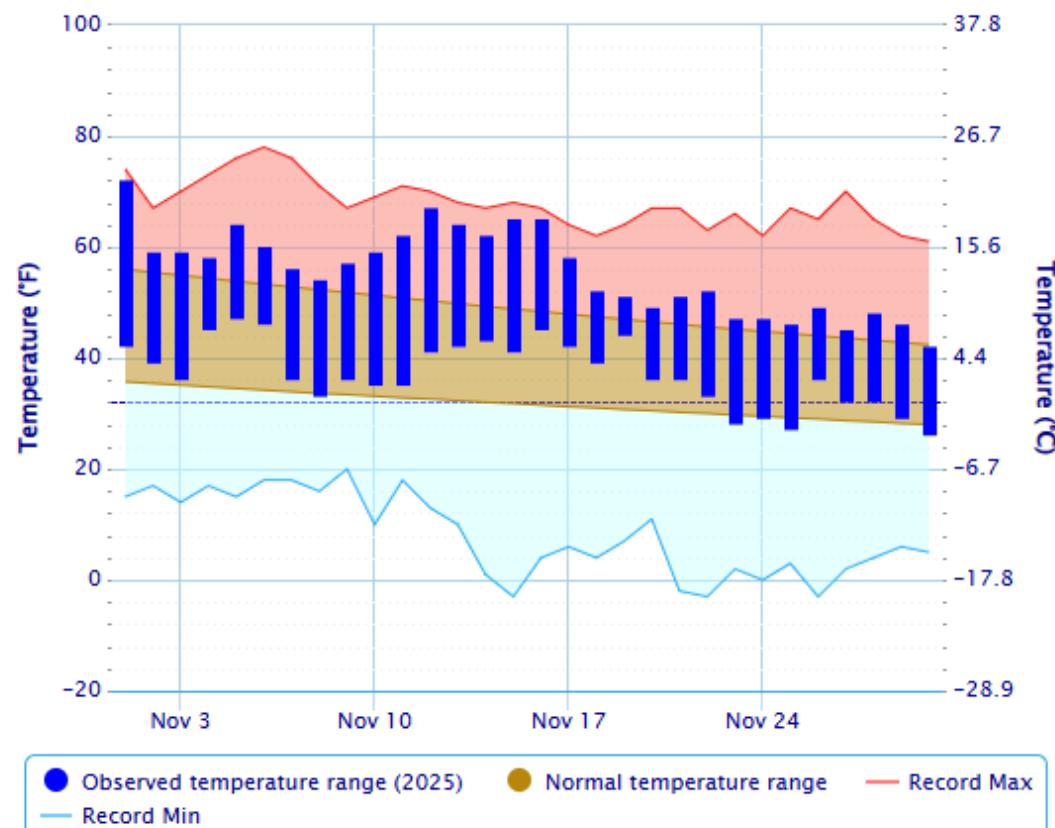
Normal (1991-2020): 32.0 °F

YEAR	VALUE (°F)	RANK (COLDEST)	RANK (WARMEST) ▲
1917	43.1	148	1
1933	42.4	147	2
2025	41.6	146	3
1939	40.2	145	4
1906	38.6	144	5
1973	38.4	143	6
1929	37.6	142	7
1937	37.5	141	8
2014	37.4	140	9
2002	37.3	139	10

Boise Air Terminal Area Average Monthly Temp Starting in 1940

Nov 2025 was 3rd Warmest

Daily Temperature Data – BOISE AIR TERMINAL, ID



Average Monthly Temperature for November

Station: BOISE AIR TERMINAL

Period of Record: 1940-2026 (86 years)

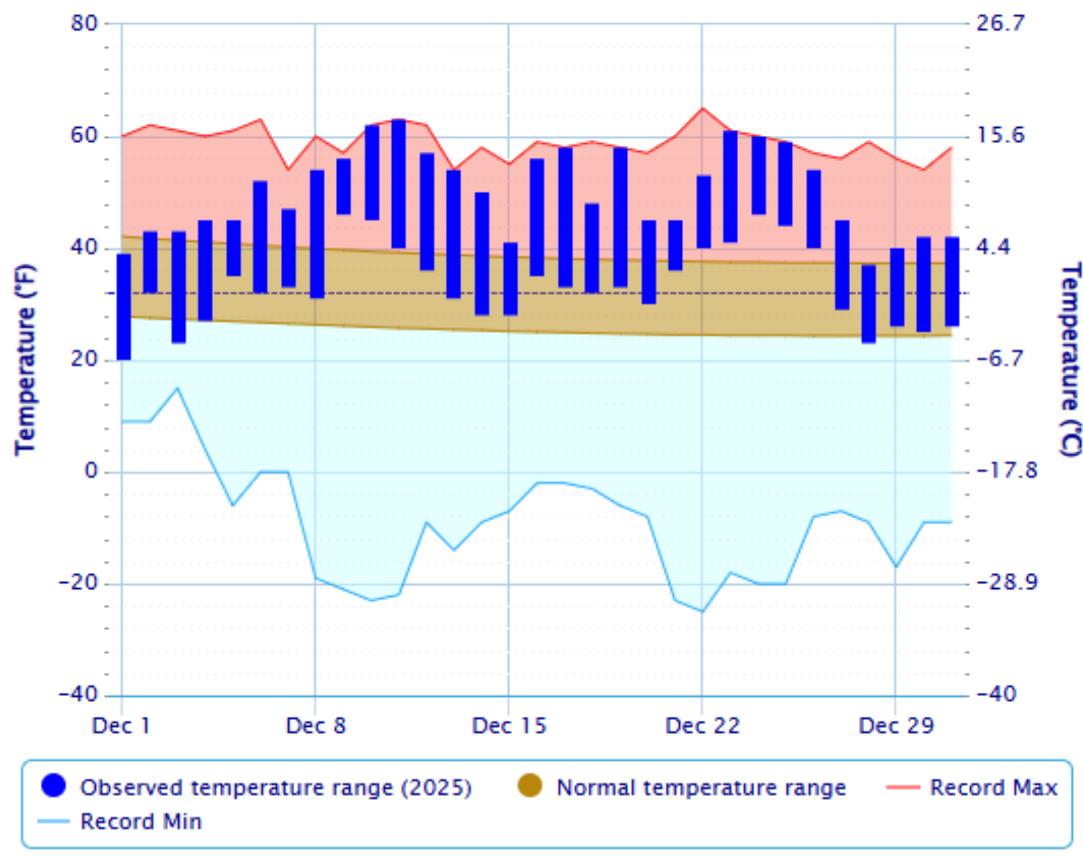
Normal (1991-2020): 40.1 °F

YEAR	VALUE (°F)	RANK (COLDEST) ▾	RANK (WARMEST)
1999	46.9	86	1
2016	46.8	85	2
2025	46.3	84	3
1953	45.3	83	4
1949	44.6	81	5
2012	44.6	81	5
1995	44.4	79	7
2021	44.4	79	7
1965	44.3	78	9
1981	44.0	77	10

Boise Air Terminal Area Average Monthly Temp Starting in 1940

Dec 2025 was 1st Warmest
Beating Dec 1973 by 3.2 Degrees

Daily Temperature Data – BOISE AIR TERMINAL, ID



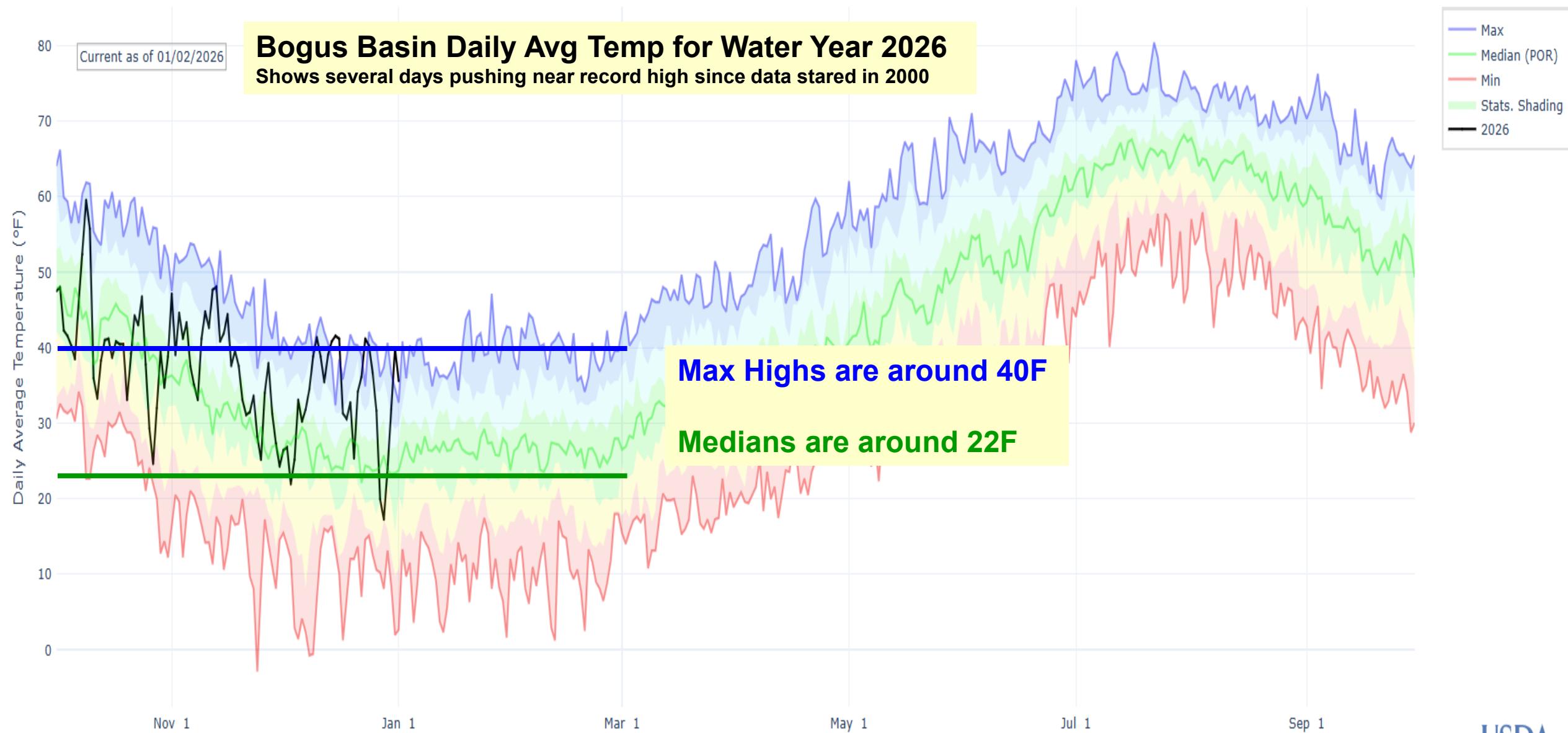
Average Monthly Temperature for December

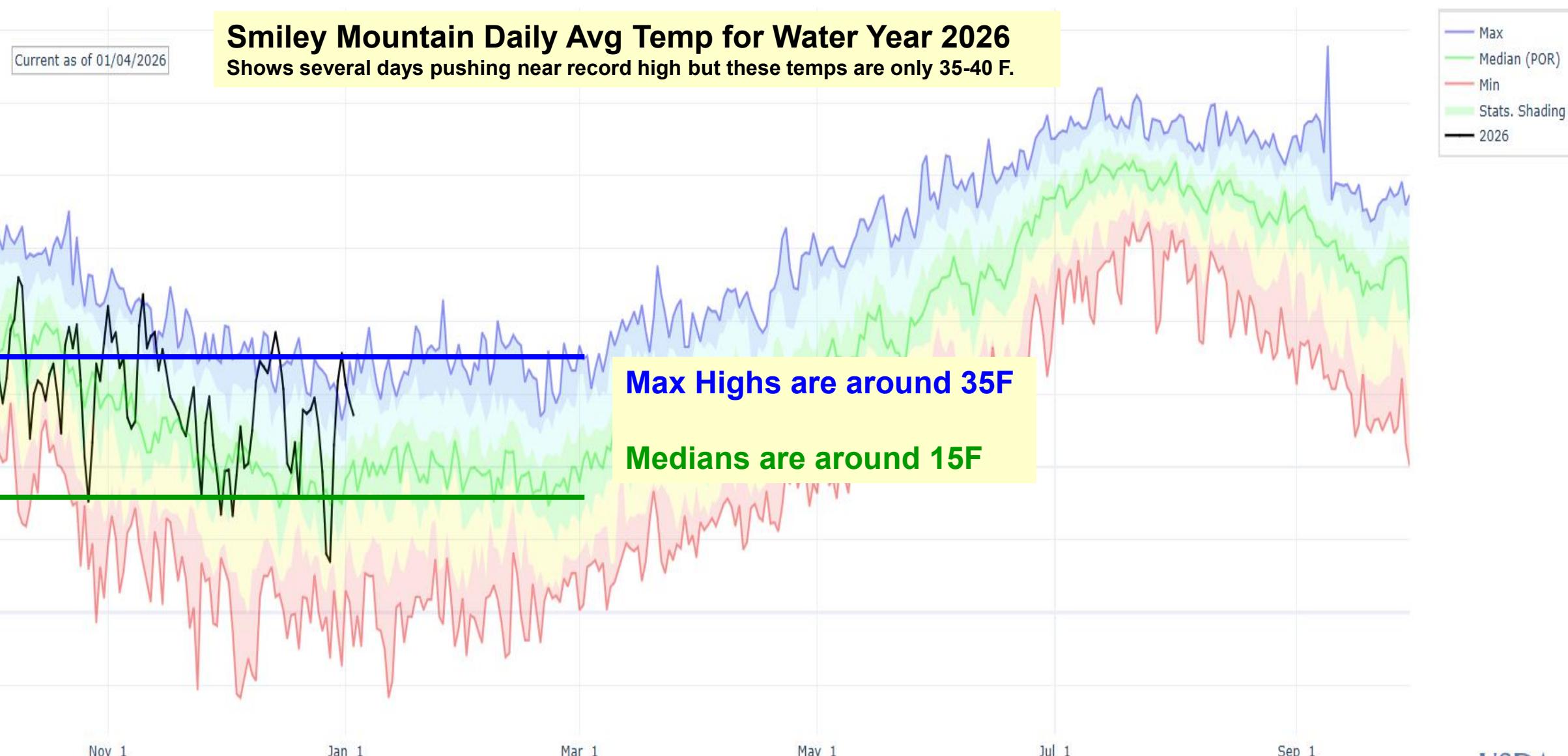
Station: BOISE AIR TERMINAL

Period of Record: 1940-2026 (86 years)

Normal (1991-2020): 32.0 °F

YEAR	VALUE (°F)	RANK (COLDEST) ▼	RANK (WARMEST)
2025	41.6	86	1
1973	38.4	85	2
2014	37.4	84	3
2002	37.3	83	4
1977	37.2	82	5
2003	37.2	81	6
1958	36.6	80	7
1996	36.3	79	8
2023	36.3	78	9
1946	36.2	76	10
1950	36.2	76	10





Not a Precipitation Drought in Idaho

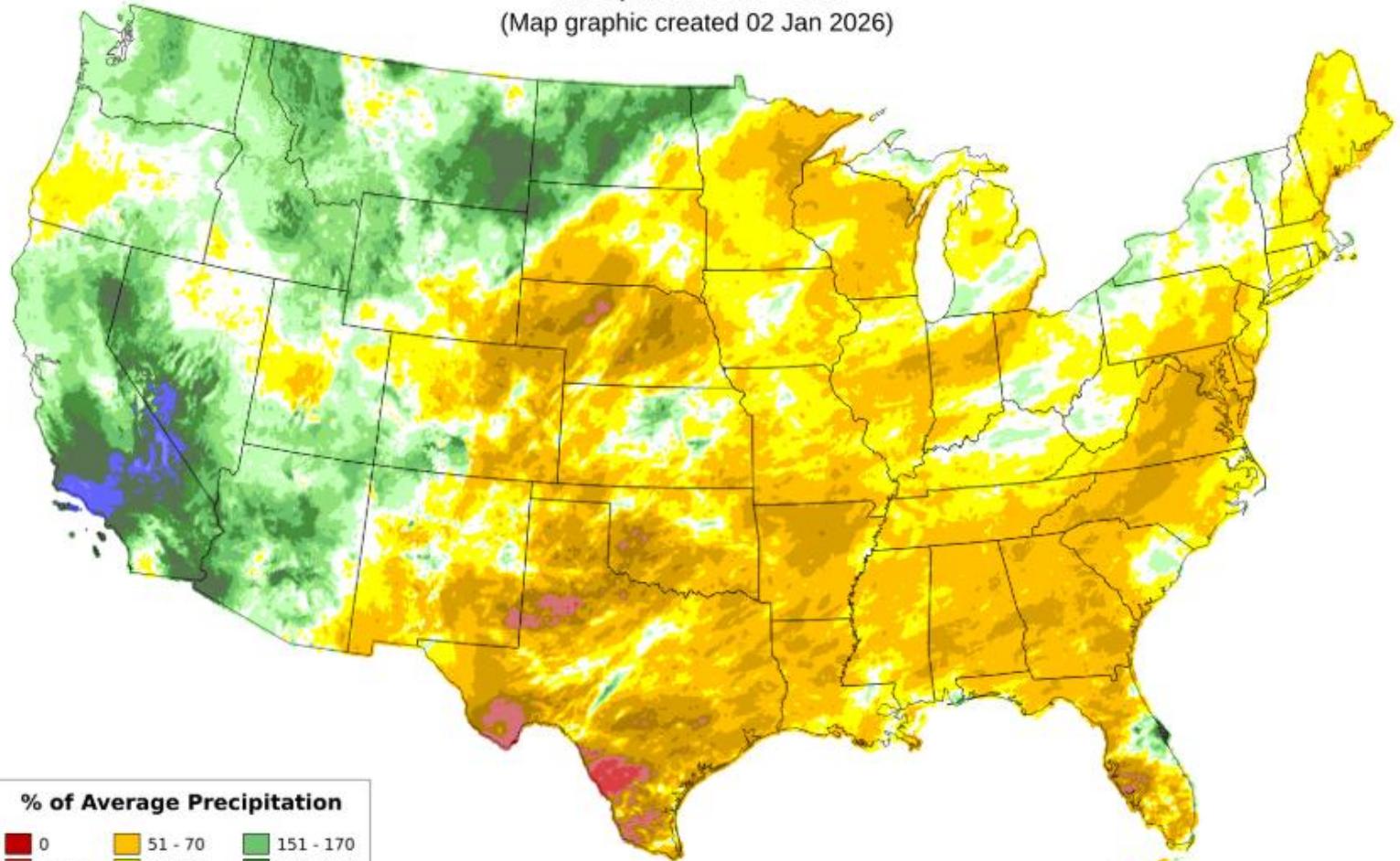
3 Precip Maps for Oct-Dec, Nov-Dec and Dec show near normal or better precip falling across most of Idaho with exception of 3-Corners (OR-ID-NV) region.

Total Precipitation Anomaly: Oct 2025 - Dec 2025

Period ending 7 AM EST 31 Dec 2025

Base period: 1991 - 2020

(Map graphic created 02 Jan 2026)



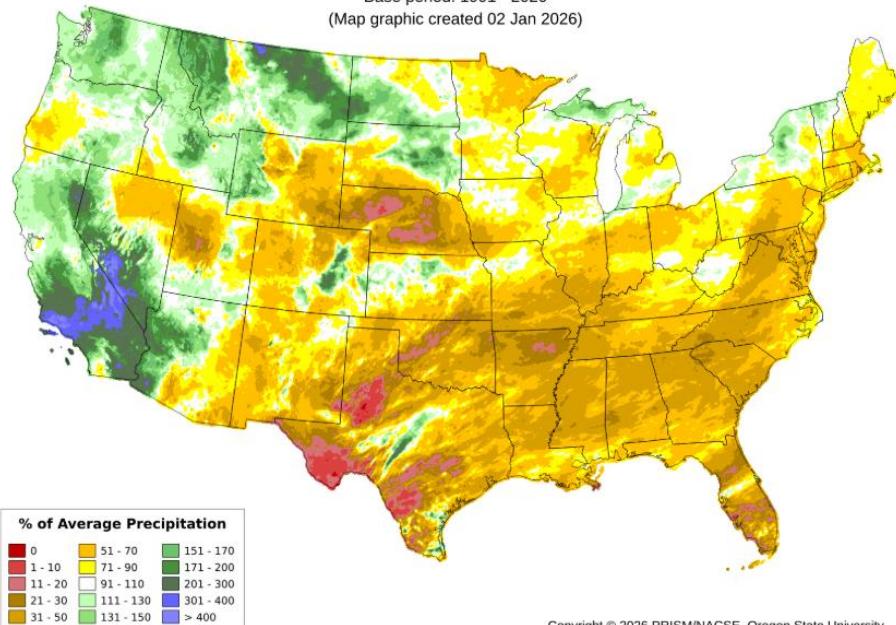
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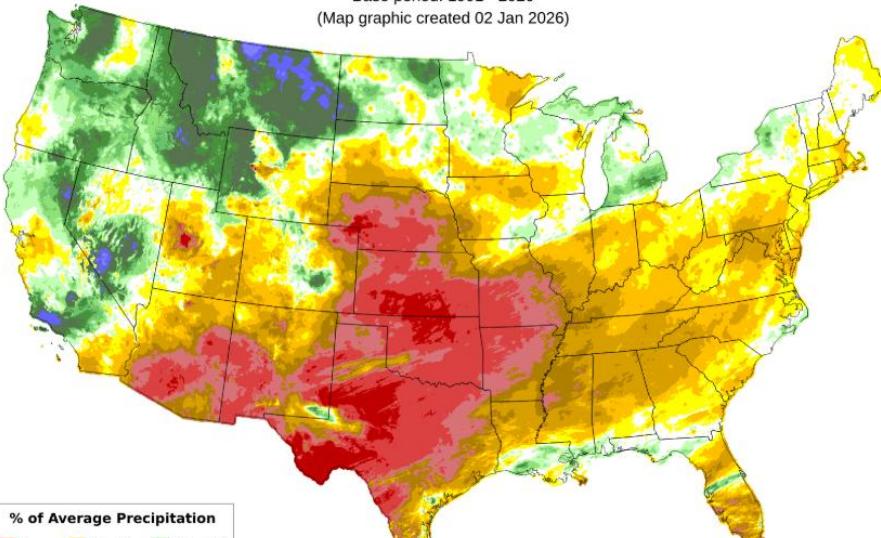
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Total Precipitation Anomaly: Dec 2025

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(Map graphic created 02 Jan 2026)



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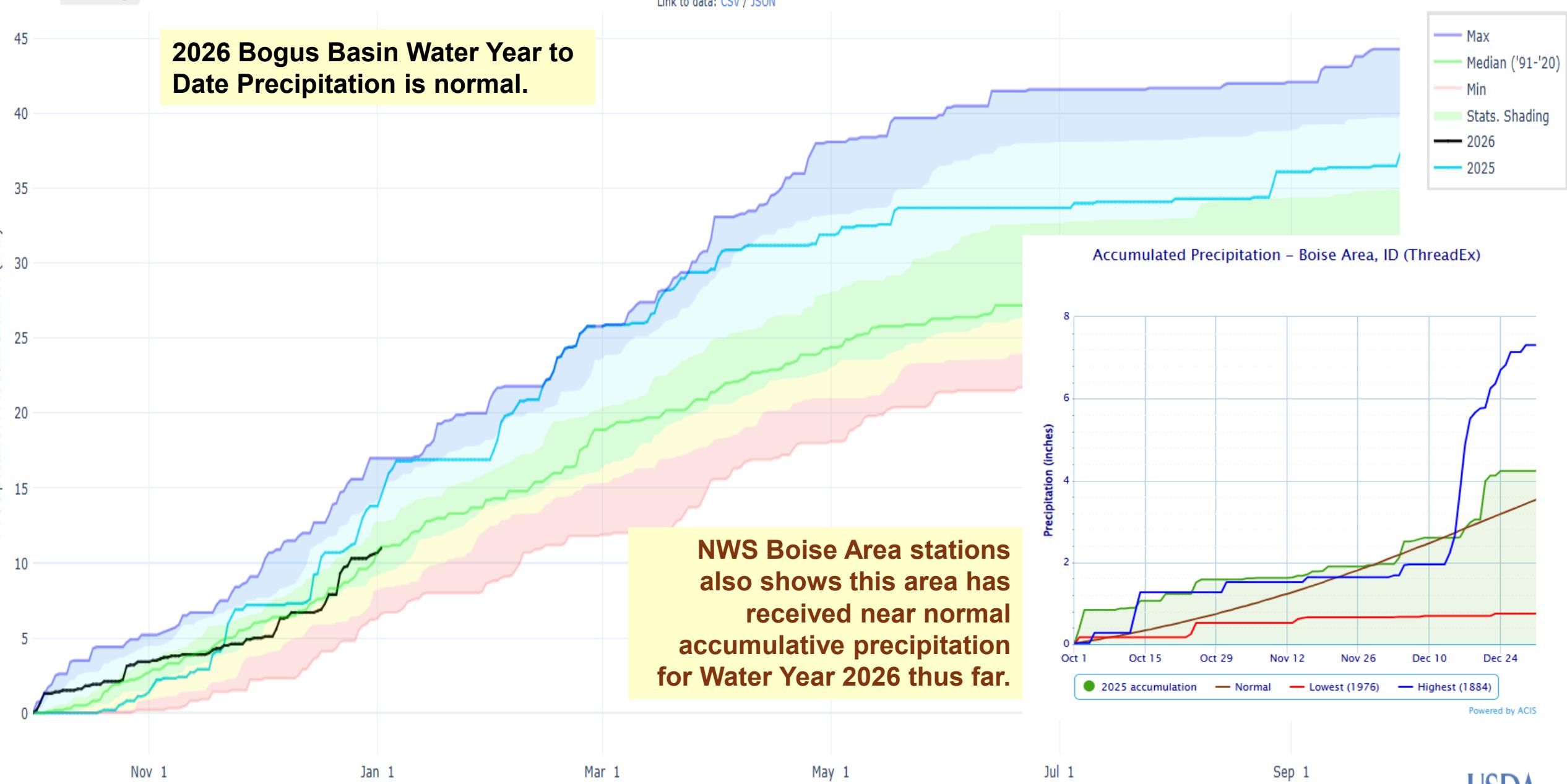
BOGUS BASIN, ID (978) PRECIPITATION ACCUMULATION

Reset Range

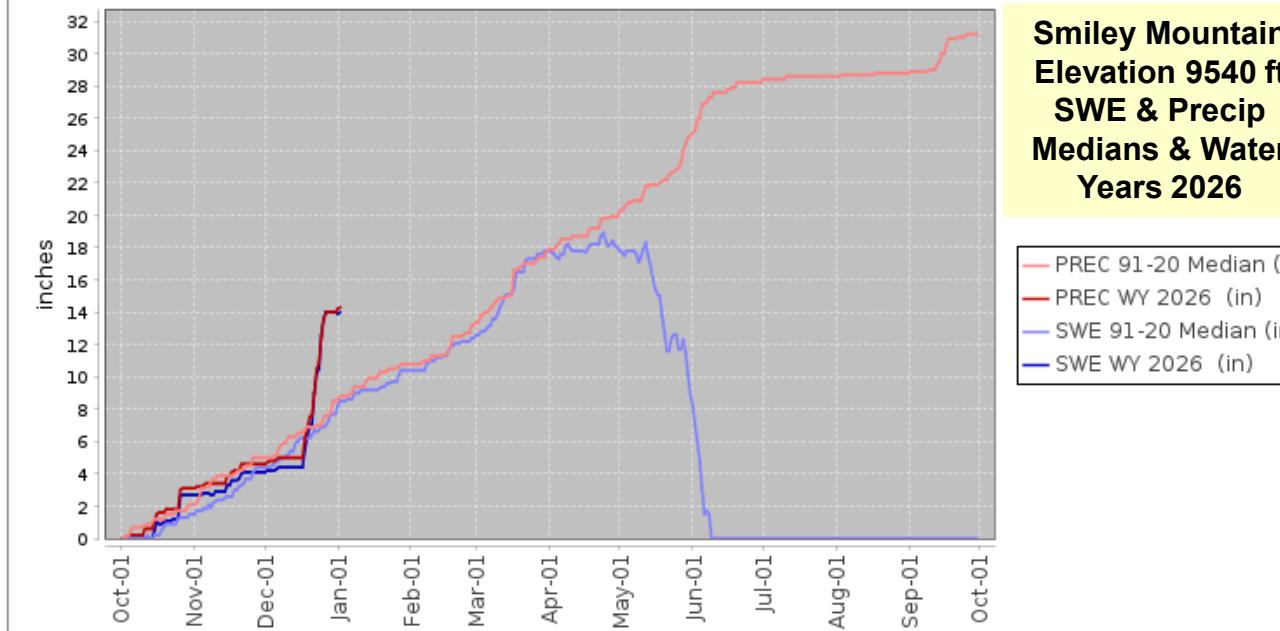
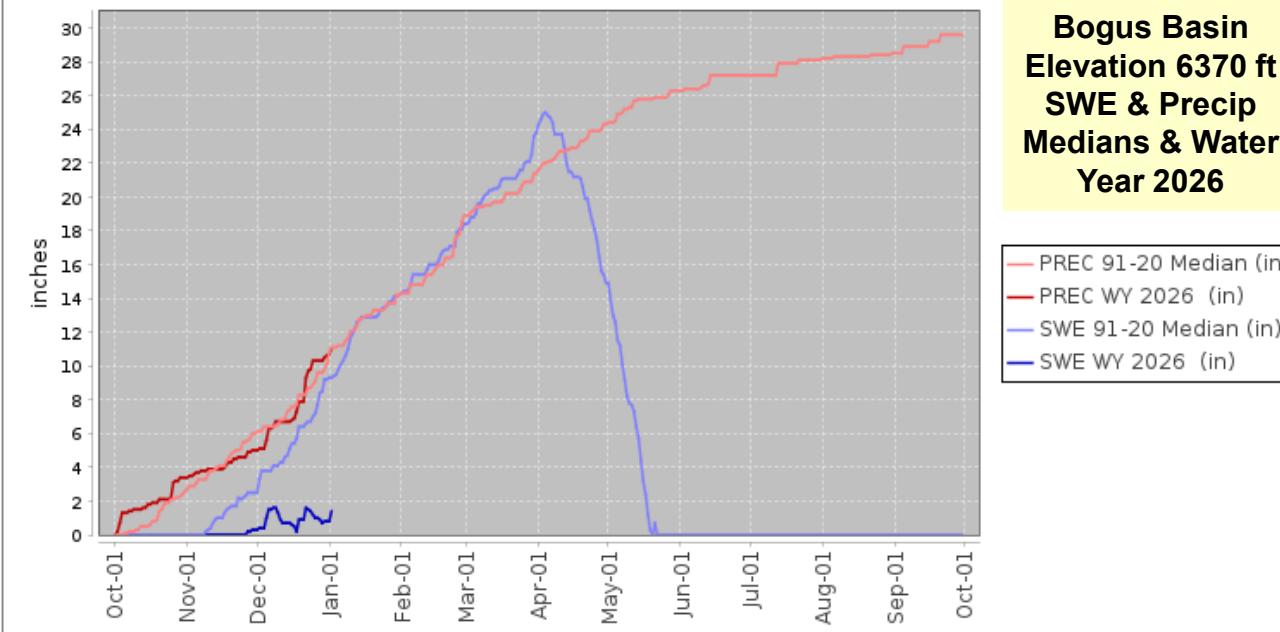
Link to data: [CSV](#) / [JSON](#)

2026 Bogus Basin Water Year to Date Precipitation is normal.

Precipitation Accumulation (in.)



NWS Boise Area stations also shows this area has received near normal accumulative precipitation for Water Year 2026 thus far.



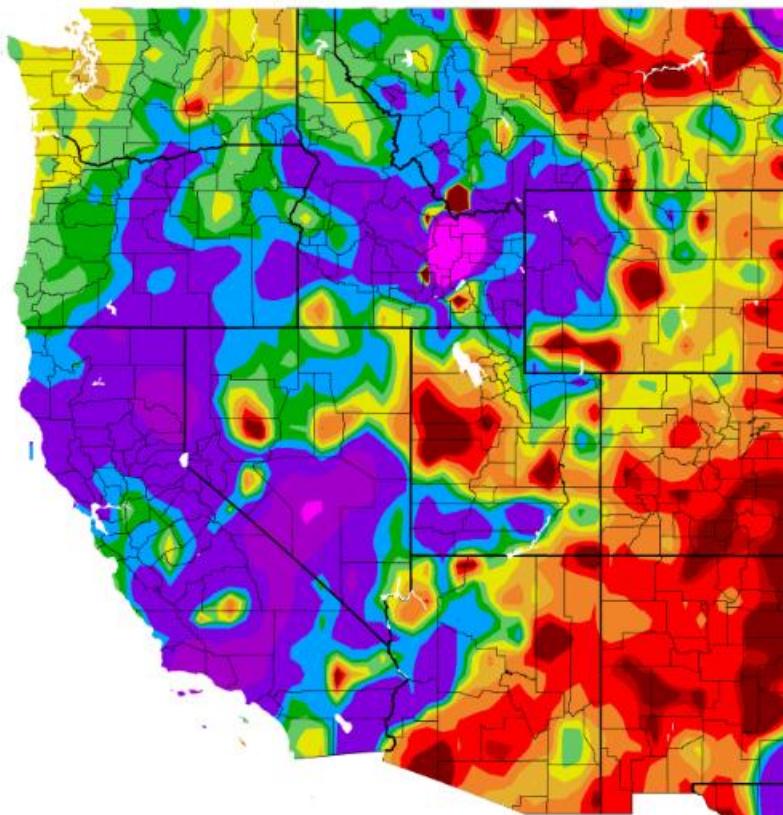
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Interesting graphs, with warmer temps at Bogus Basin, elevation 6370 feet, top graph, most of precipitation fell as rain instead of snow. Normal precip with little snow to show. **Temperature Driven Snow Drought.**

While Smiley Mountain, elevation 9540 feet in the Big Lost River Basin, had nearly all precipitation since mid-October fall as snow and remain on the ground. SWE is 171%, highest in the state/region. **No Snow Drought here.**

Percent of Normal Precipitation (%)
12/18/2025 – 12/31/2025



Generated 1/1/2026 using provisional data.

ACIS Web Services

Bonus slide shows pockets of well above normal precipitation that fell in central Idaho Dec 18-31.

Need a finer temperature map or graph of snow line elevation in the Big Lost Mountains to better illustrate colder higher elevation temps and influence on snowfall here and around Idaho.

Departure from Normal Temperature (F)
12/18/2025 – 12/31/2025

