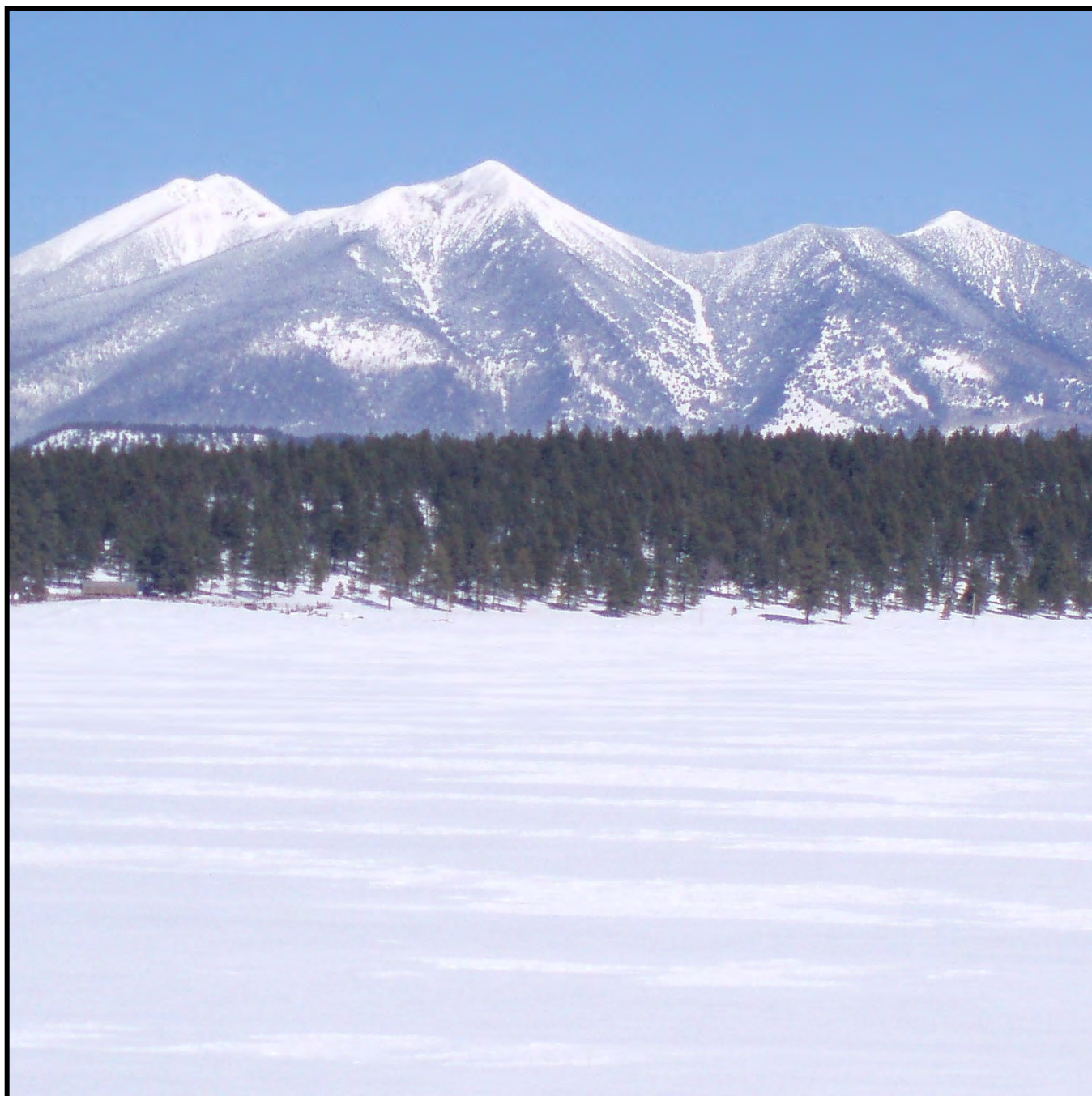




United States
Department of
Agriculture

Natural
Resources
Conservation
Service

Arizona Basin Outlook Report January 1, 2025



Issued by

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Acting Chief
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U.S. Department of Agriculture

Released by

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Phoenix, Arizona

Basin Outlook Reports And Federal – State – Private Cooperative Snow Surveys

How forecasts are made

Most of the annual streamflow in Arizona originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated Snow Telemetry (SNOTEL) sites, along with precipitation and streamflow values, are used in statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service (NRCS) the National Weather Service, and the Salt River Project.

Forecasts of any kind are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertainty of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known. This is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or are concerned about having an adequate water supply, they may want to base their decisions on the 90% or 70% exceedance probability forecasts. On the other hand, if users anticipate receiving too much water, or are concerned about the threat of flooding, they may want to base their decisions on the 30% or 10% exceedance probability forecasts. Regardless of the forecast value users choose, they should be prepared to deal with either more or less water.



For more water supply and resource management information, contact:

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ARIZONA Basin Outlook Report as of January 1, 2025

SUMMARY

As of January 1, snowpack is at well below median levels throughout the major basins of the state. Precipitation for the month of December was well below median in the major river basins. The Salt and Verde River reservoir system stands at 71 percent of capacity, while San Carlos Reservoir is at 18 percent of capacity. The forecast calls for well below median runoff in the major basins for the spring runoff period.

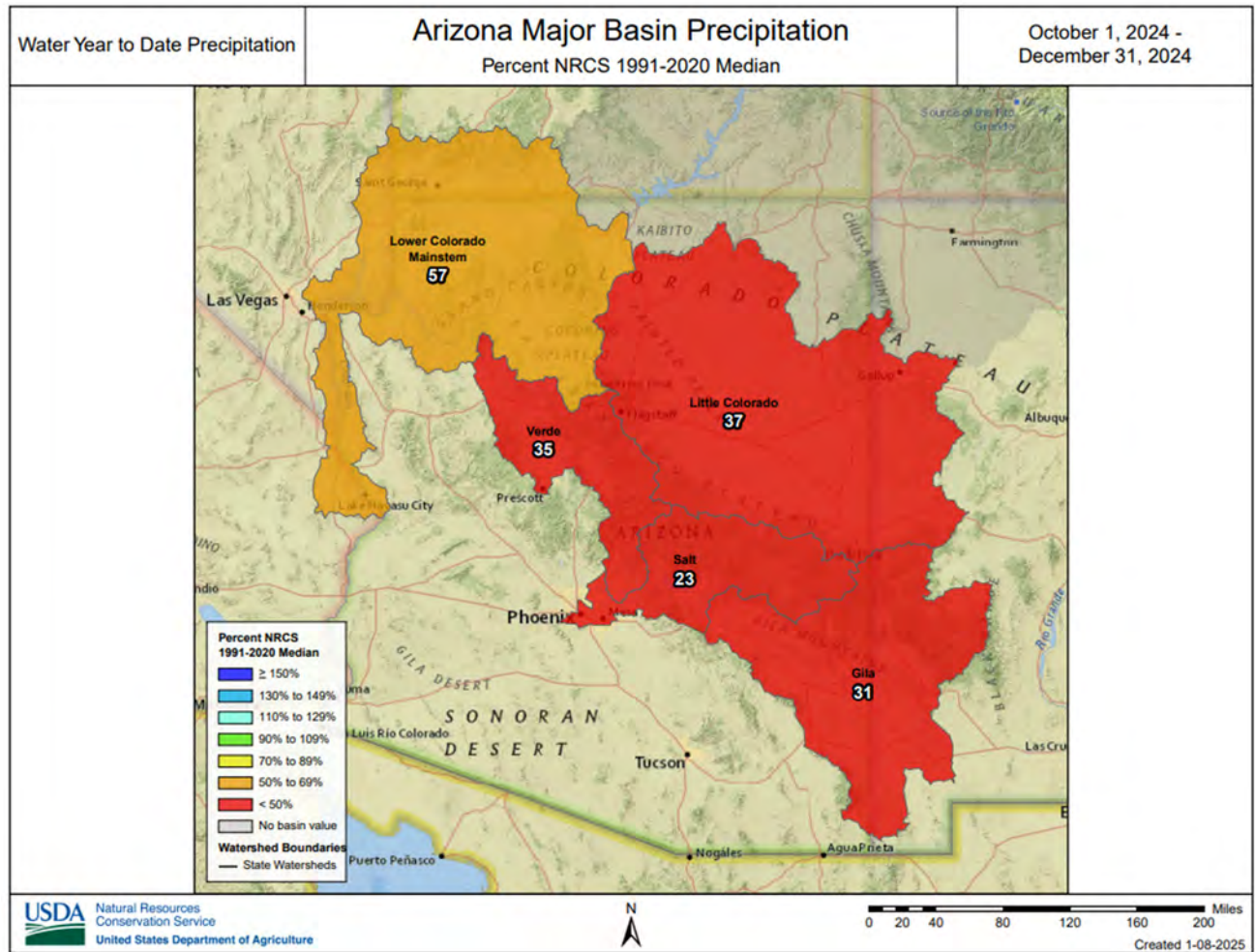
SNOWPACK

Snow water equivalent in the state's major river basins are well below median, ranging from 4 percent of median in the Salt River Basin to 30 percent of median in the Lower Colorado Mainstem.



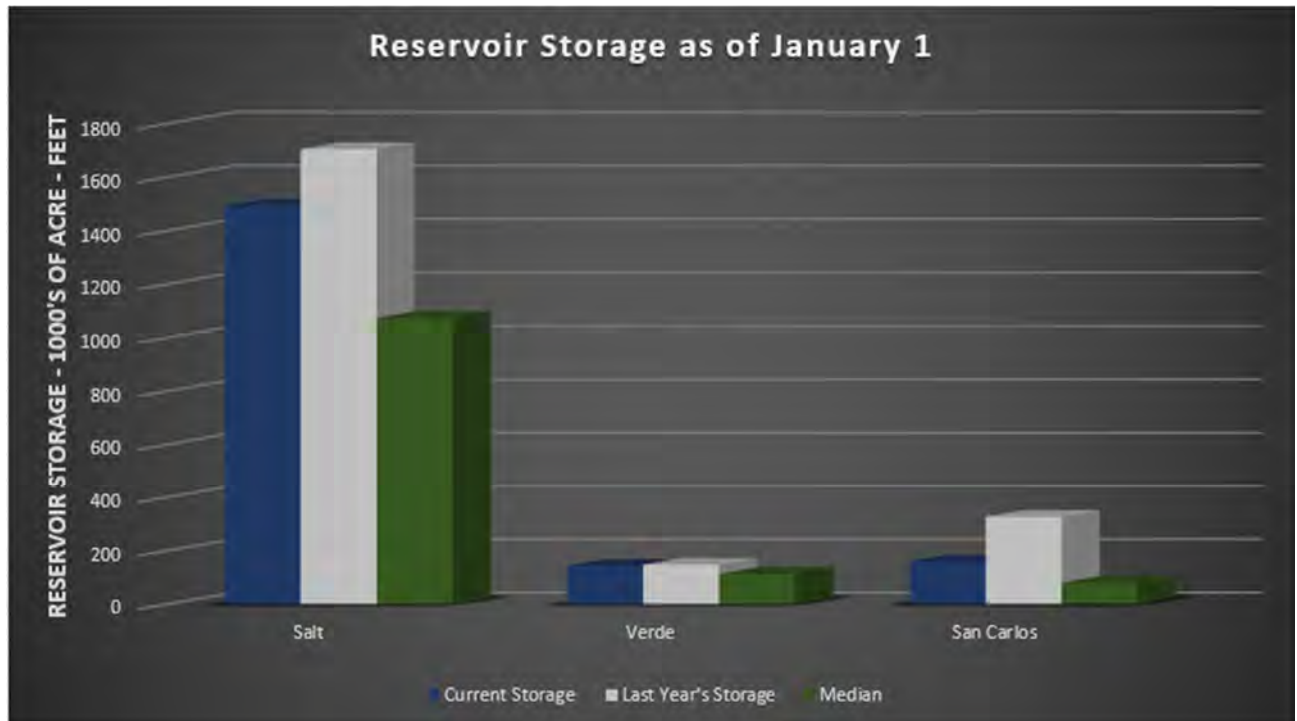
PRECIPITATION

Mountain data from NRCS SNOTEL sites and NWS Cooperator gages show that precipitation for December was well below median in the major river basins, while cumulative precipitation since October 1 was also at well below median levels throughout the state.



RESERVOIR STORAGE

As of January 1, the Salt and Verde River reservoir system stands at 71 percent of capacity. San Carlos Reservoir is currently at 18 percent of capacity.

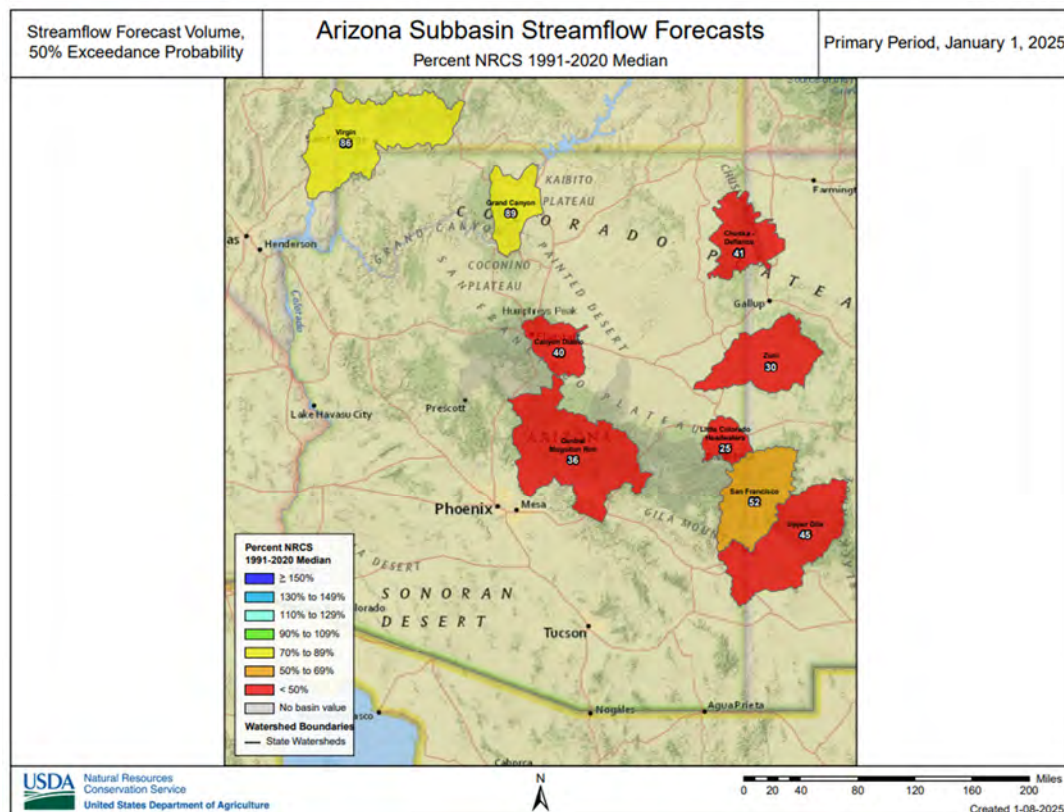
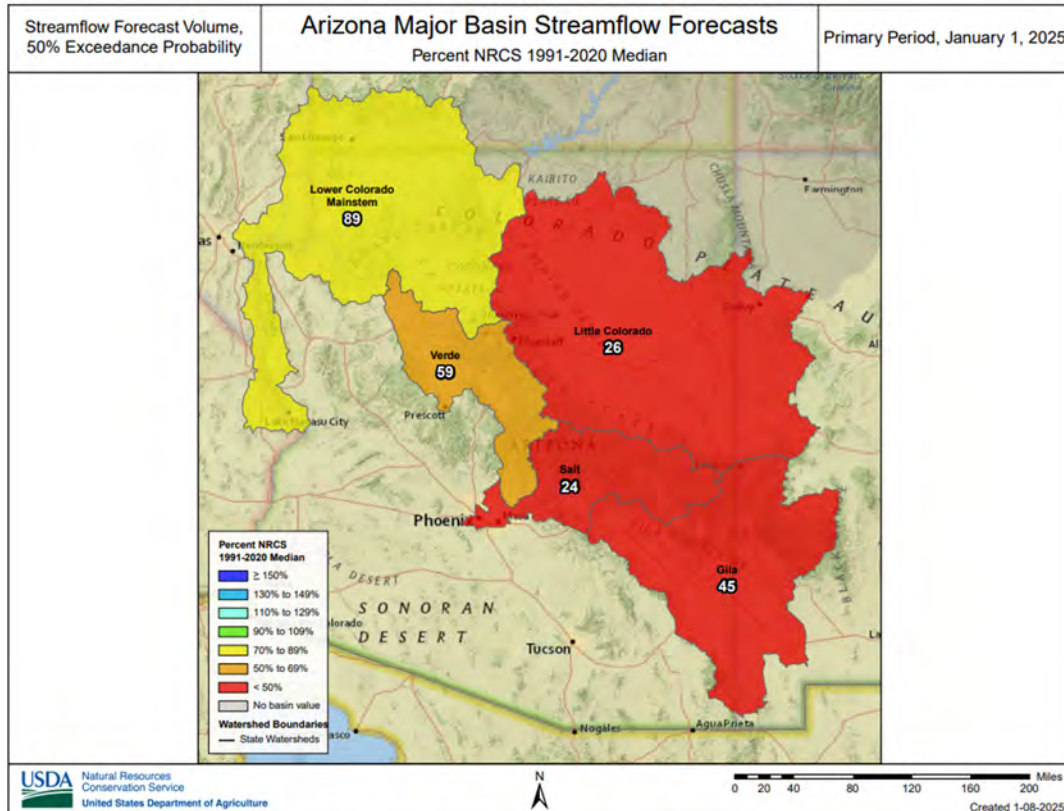


Key storage volumes displayed in thousands of acre-feet (x1000):

<u>Reservoir</u>	<u>Current Storage</u>	<u>Last Year Storage</u>	<u>30-Year Median</u>	<u>Storage Capacity</u>
Salt River System	1492.0	1704.8	1073.0	2025.8
Verde River System	143.2	147.4	112.8	287.4
San Carlos Reservoir	159.7	326.4	79.4	875.0
Lyman Lake	9.5	12.1	7.1	30.0
Lake Havasu	555.1	578.3	558.0	619.0
Lake Mohave	1601.0	1627.0	1608.0	1810.0
Lake Mead	8674.5	9045.0	15014.0	26159.0
Lake Powell	8668.9	8440.7	13921.0	24322.0

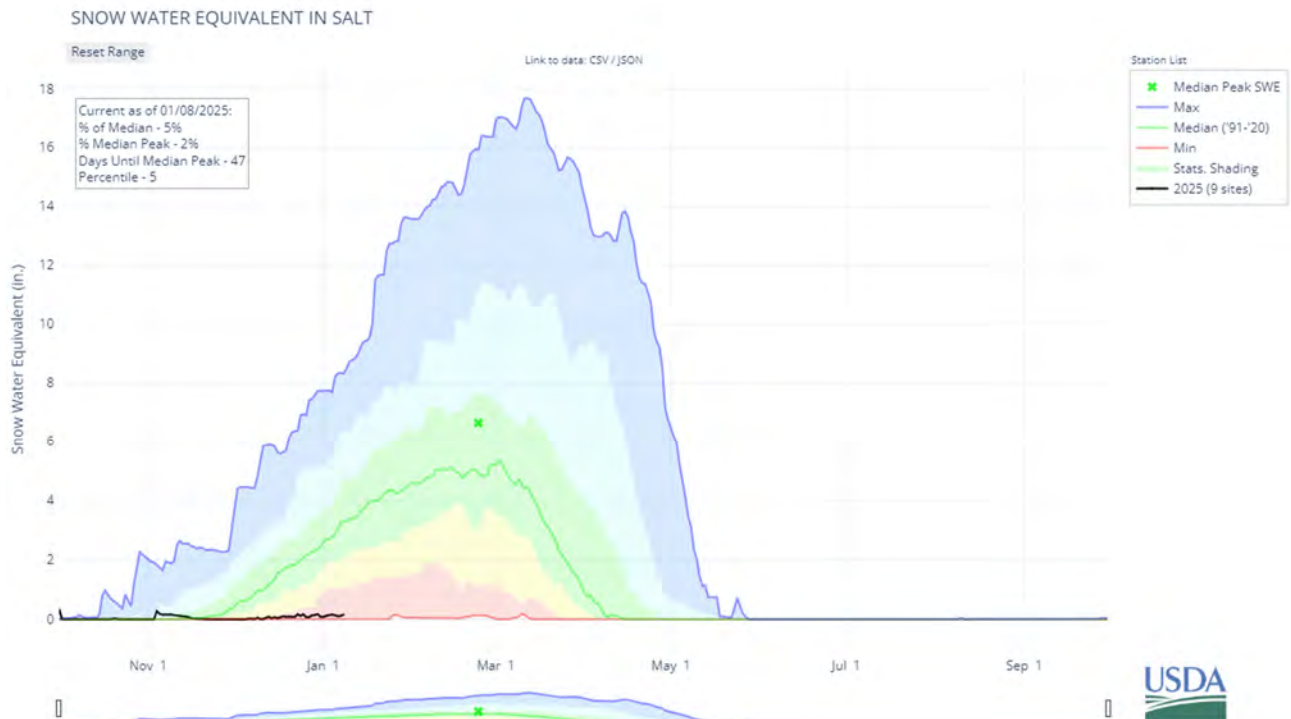
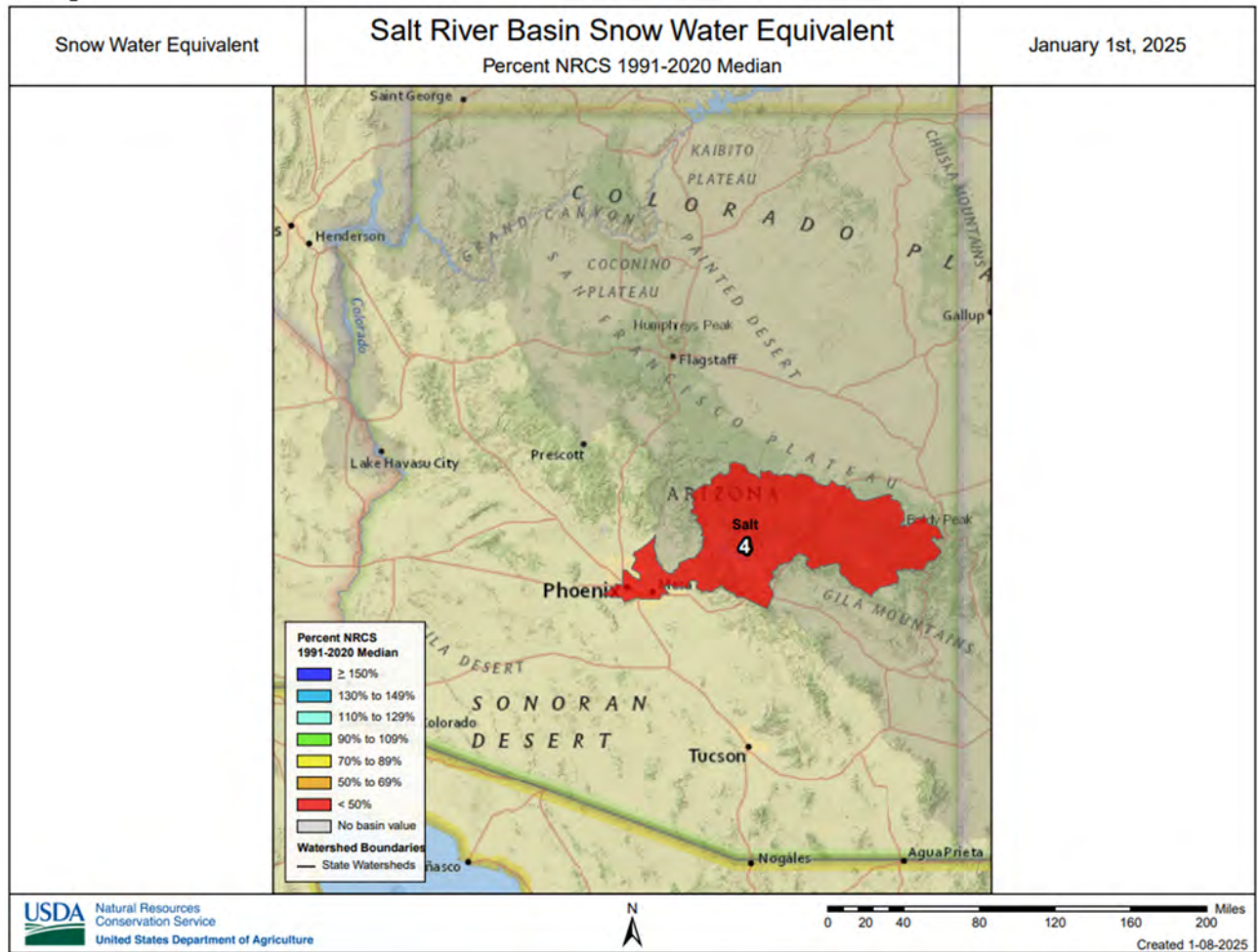
STREAMFLOW

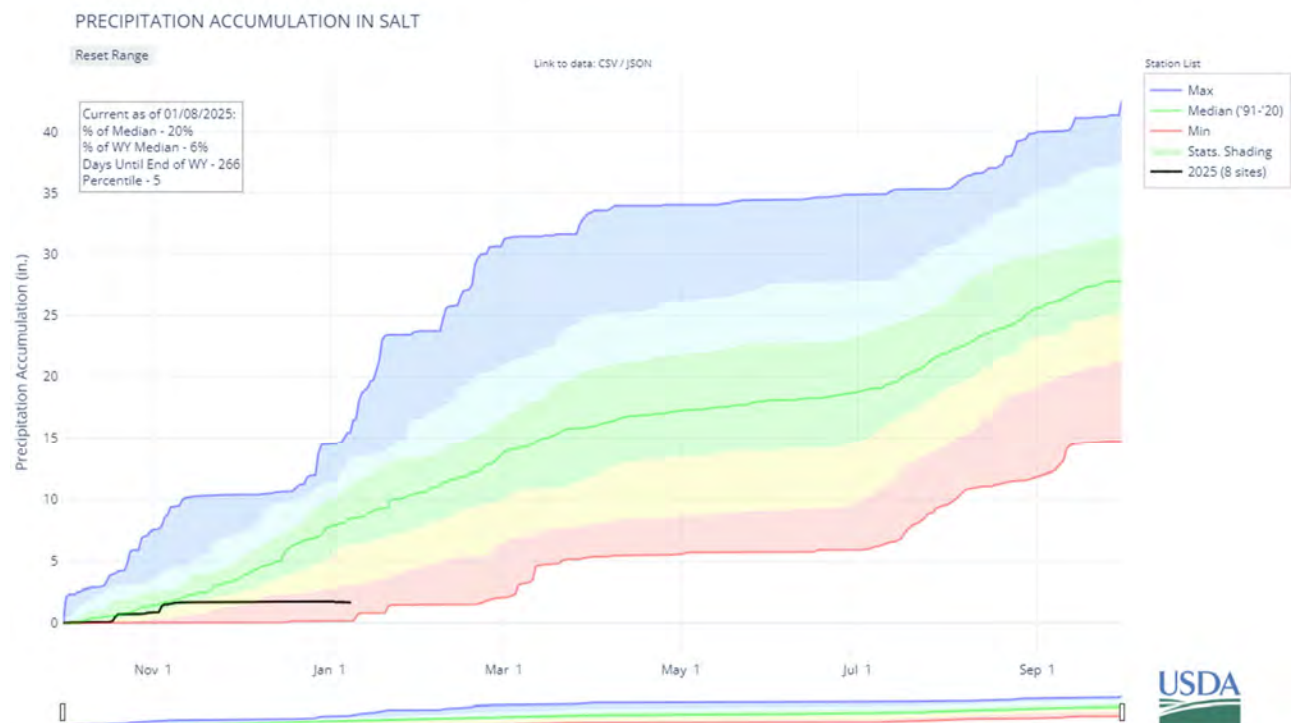
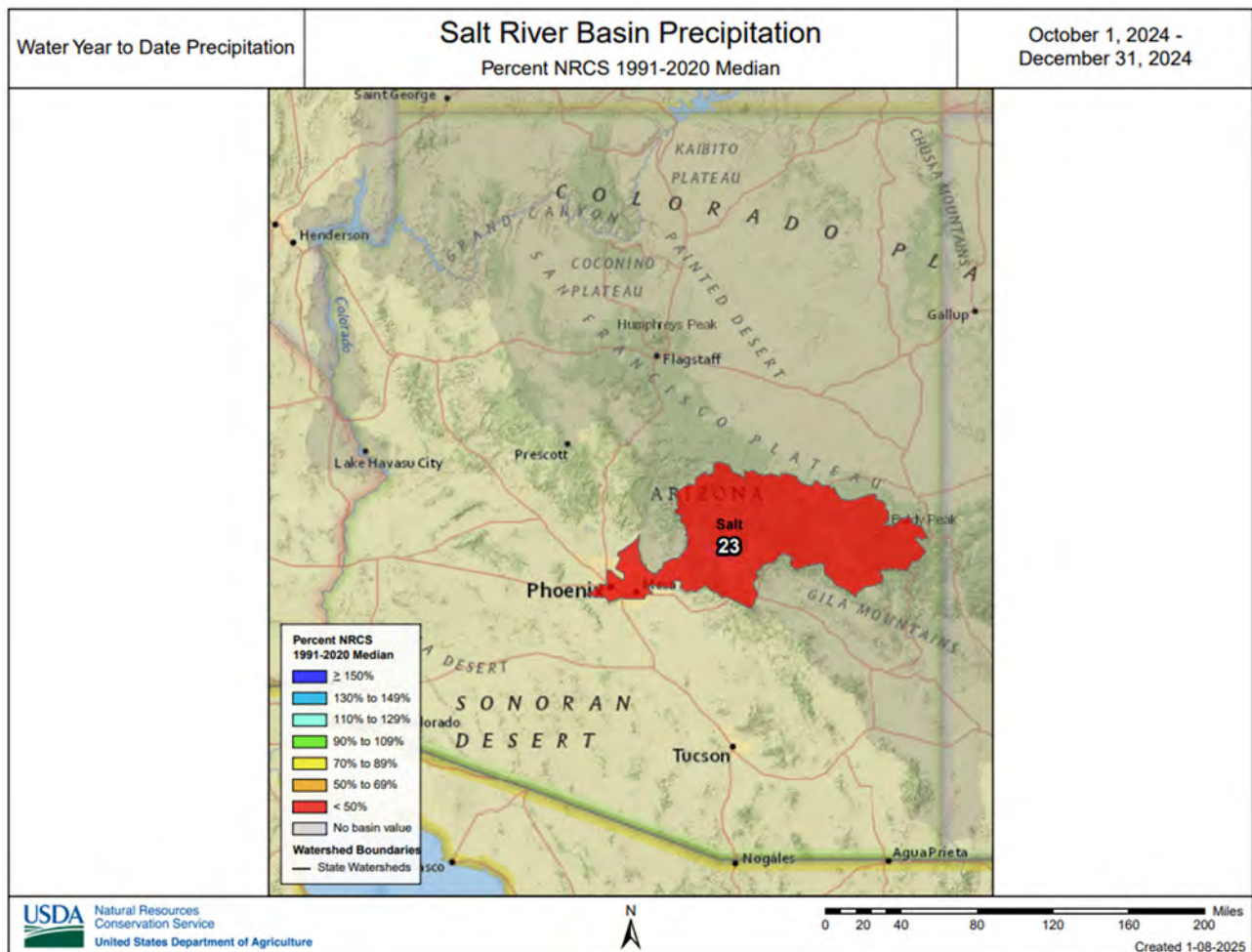
As of January 1, the forecast calls for well below to below median streamflow for the spring runoff period, ranging from 24 percent of median in the Salt River Basin to 89 percent of median in the Lower Colorado Mainstem. Please refer to the basin forecast tables found in this report for more information regarding water supply forecasts.

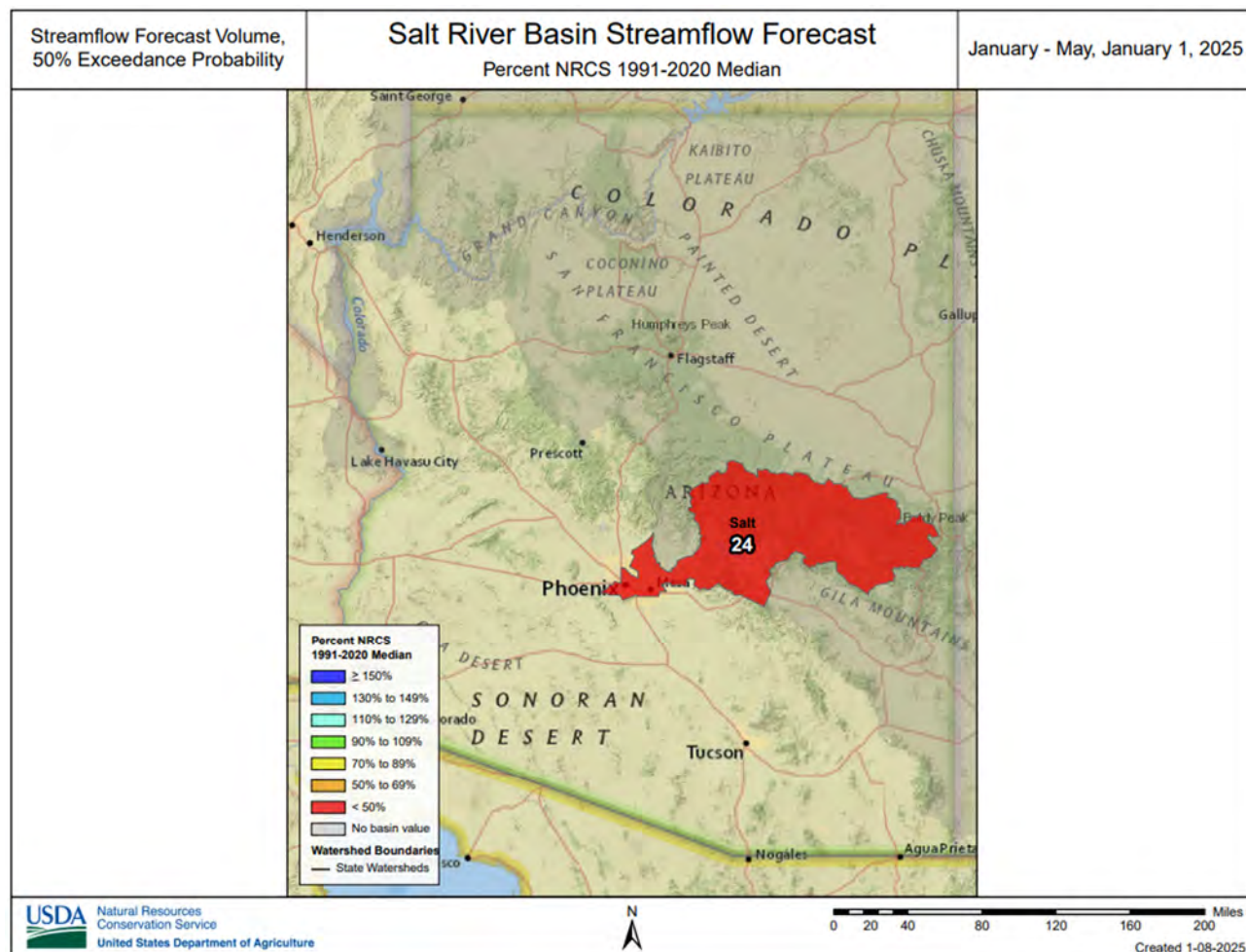


SALT RIVER BASIN as of January 1, 2025

Well below median streamflow levels are forecast for the basin. In the Salt River, near Roosevelt, the forecast calls for 26% of median streamflow through May, while at Tonto Creek, the forecast calls for 14% of median streamflow through May. Snow survey measurements show the Salt snowpack to be at 4% of median.







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Salt Streamflow Forecasts - January 1, 2025

Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Salt	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Salt R nr Roosevelt ²	JAN	8.5	9.9	11.4	52%	22	70	22
	JAN-MAY	43	54	64	26%	119	235	250
	MAR-MAY	26	32	53	30%	85	163	179
Tonto Ck ab Gun Ck nr Roosevelt	JAN	0.4	0.74	2.1	55%	7.6	27	3.8
	JAN-MAY	1.97	2.5	5.5	14%	15	46	39

1) 90% And 10% exceedance probabilities are actually 95% And 5%

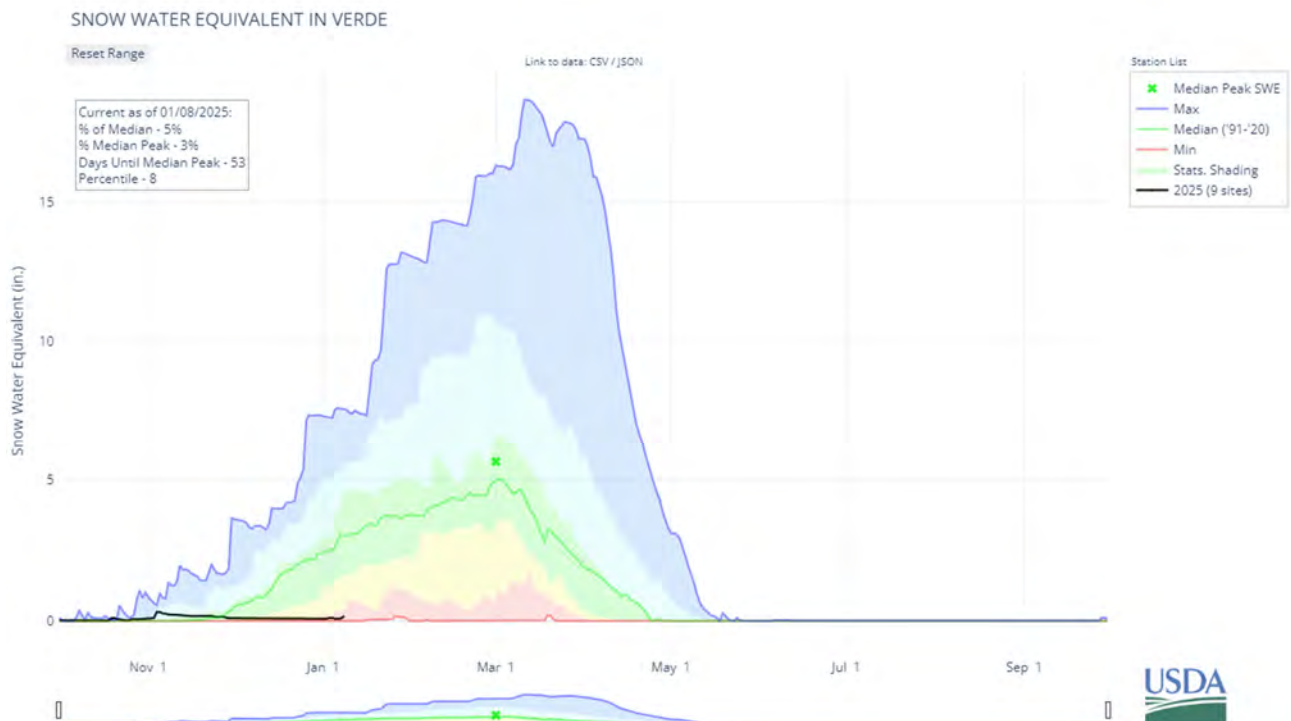
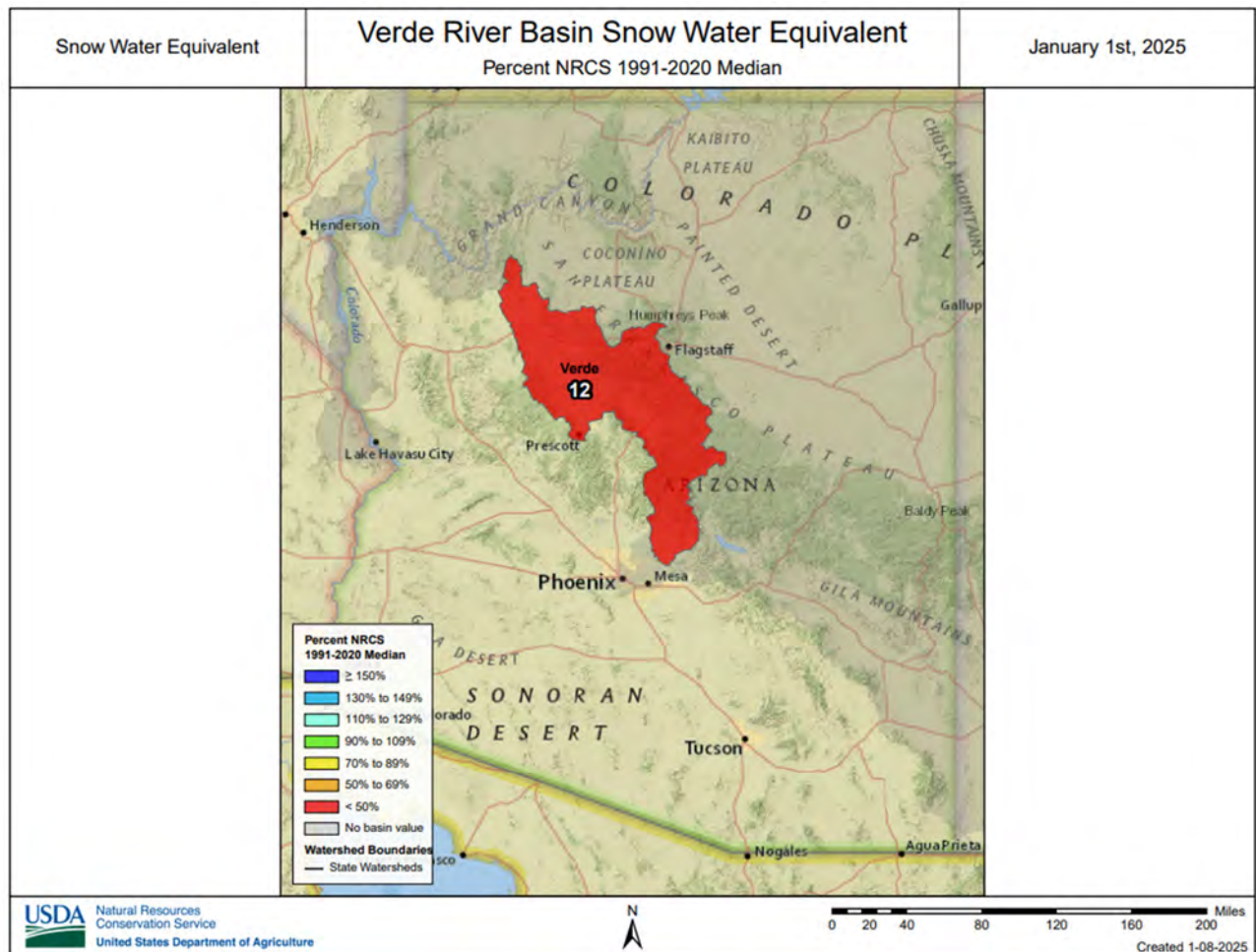
2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

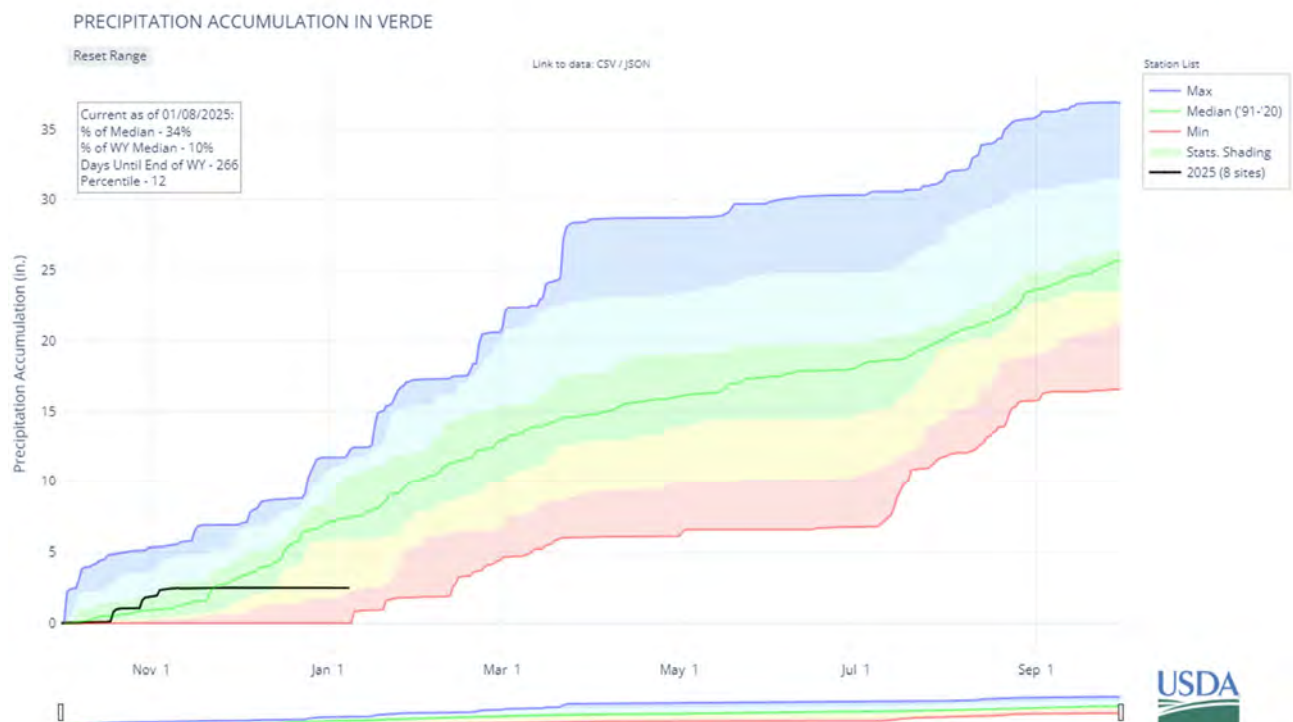
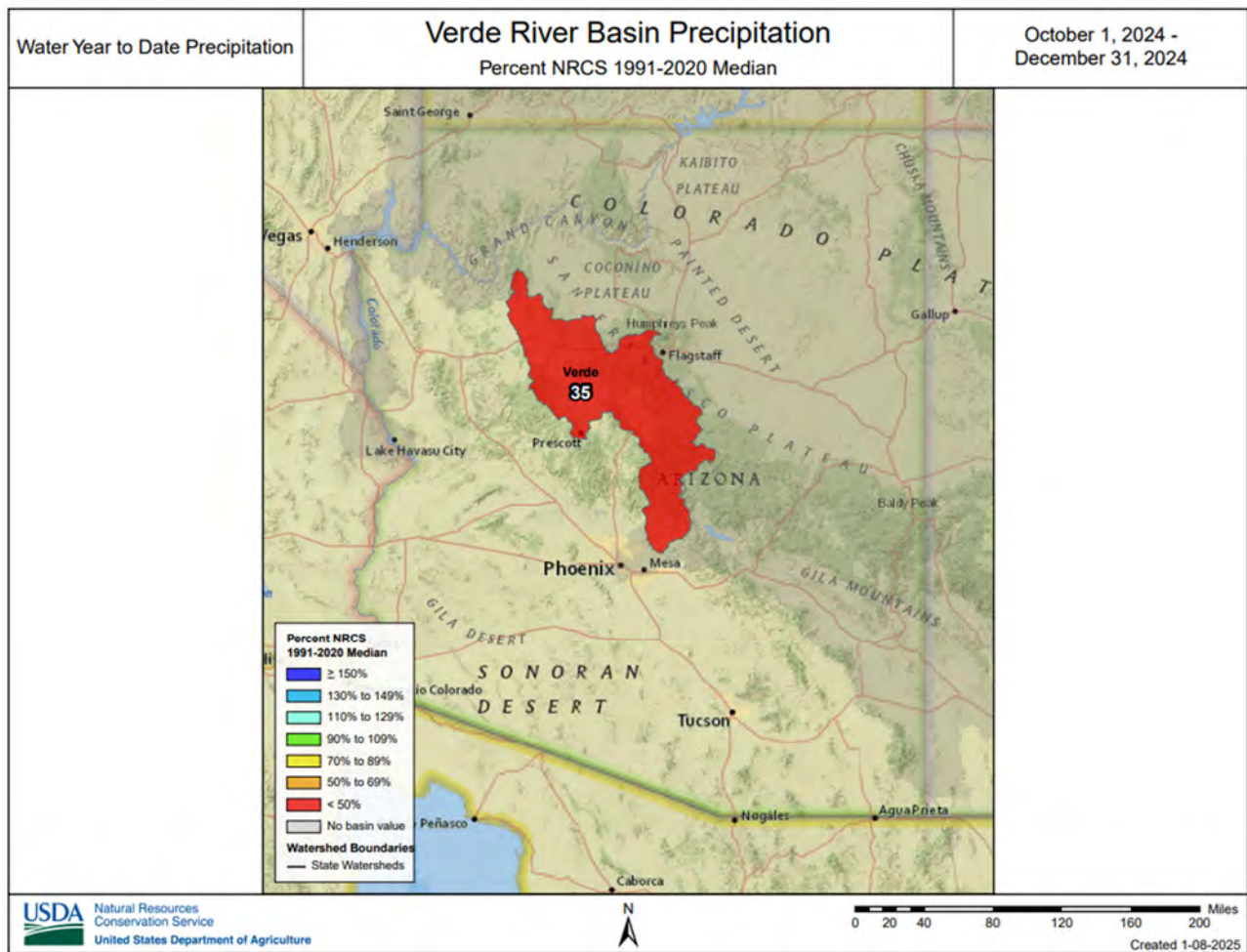
Reservoir Storage End of December, 2024	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Salt River Reservoir System	1492.0	1704.8	1073.0	2025.8

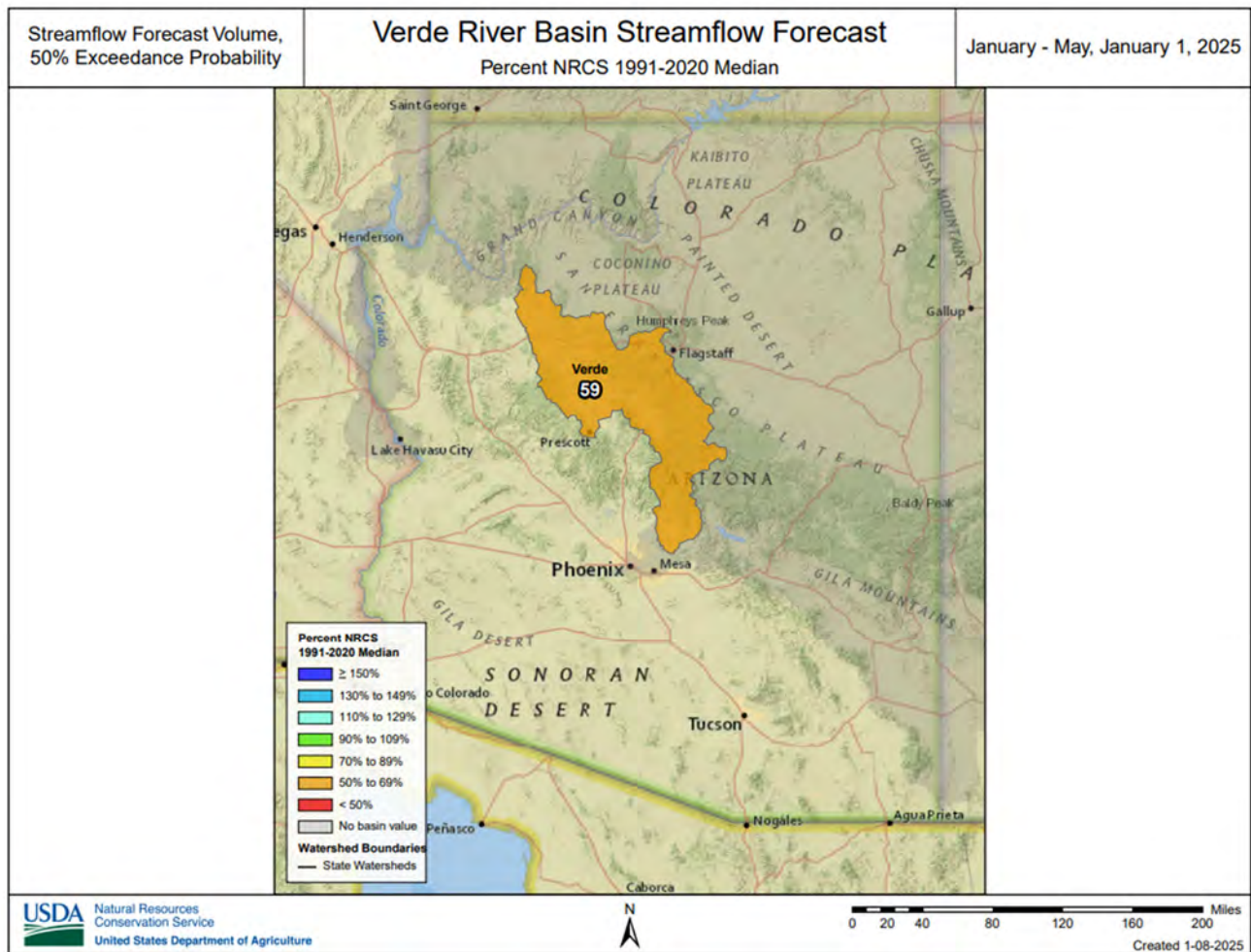
Watershed Snowpack Analysis January 1, 2025	# of Sites	% Median	Last Year % Median
Salt	11	4%	47%
Central Mogollon Rim	8	3%	22%
Upper Salt	8	6%	54%

VERDE RIVER BASIN as of January 1, 2025

Well below median streamflow levels are forecast for the basin. In the Verde River above Horseshoe Dam, the forecast calls for 59% of median streamflow through May. Snow survey measurements show the Verde snowpack to be at 12% of median.







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Verde Streamflow Forecasts - January 1, 2025

Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Verde	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Verde R bl Tangle Ck ab Horseshoe Dam ²								
	JAN	13.8	16.6	19.4	81%	34	105	24
	JAN-MAY	24	46	92	59%	153	270	155

1) 90% And 10% exceedance probabilities are actually 95% And 5%

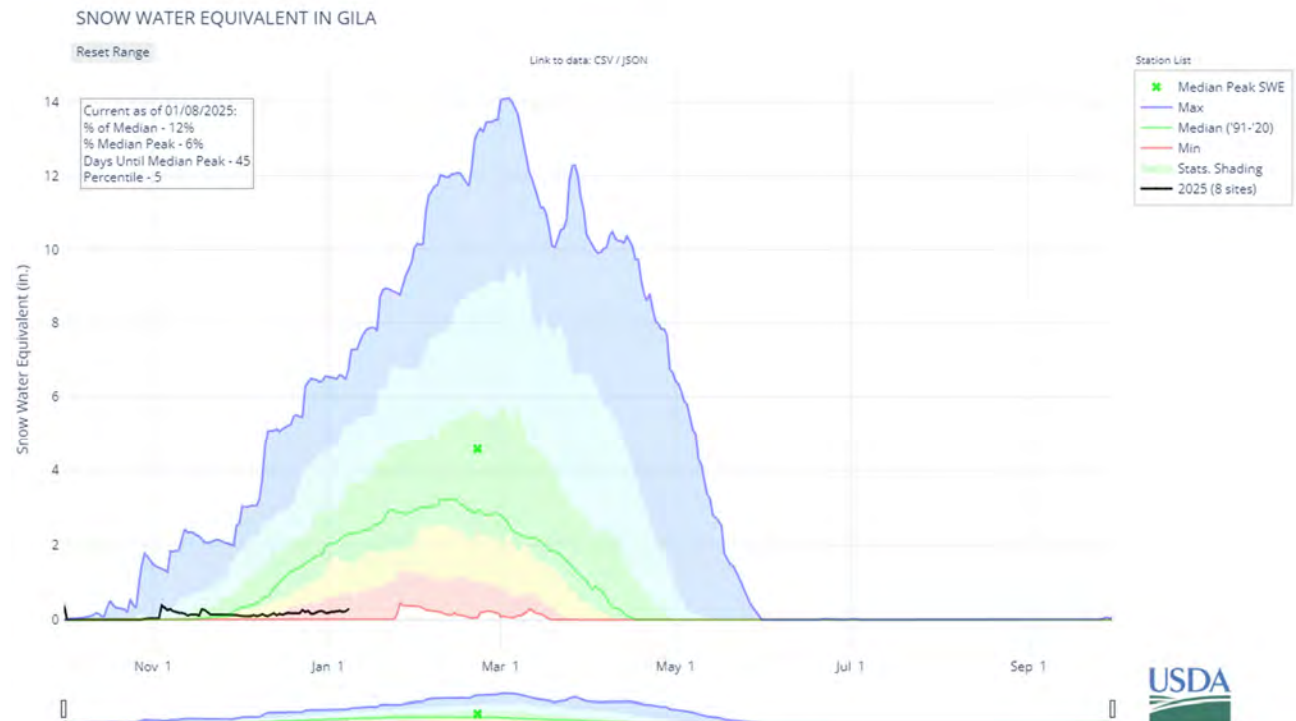
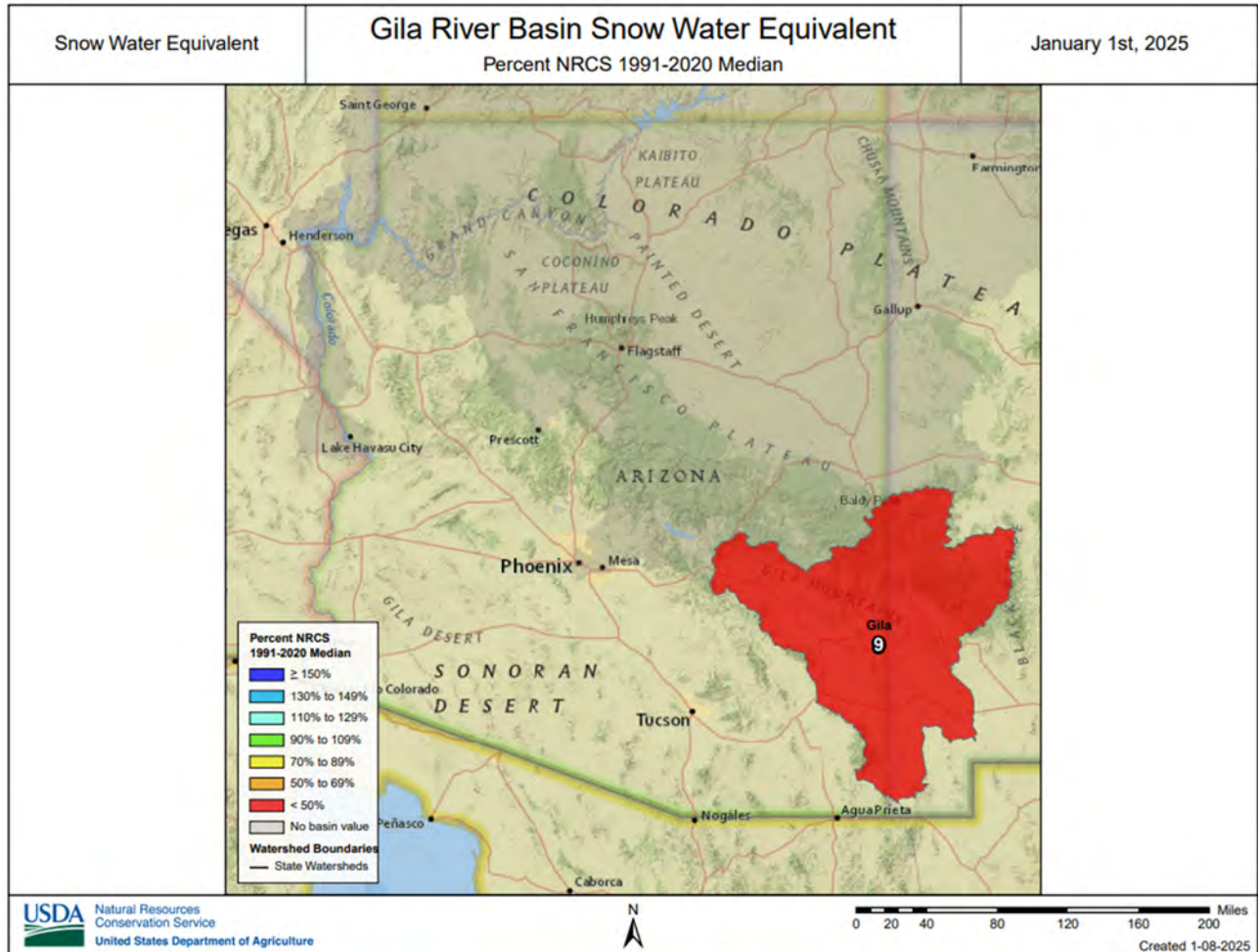
2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

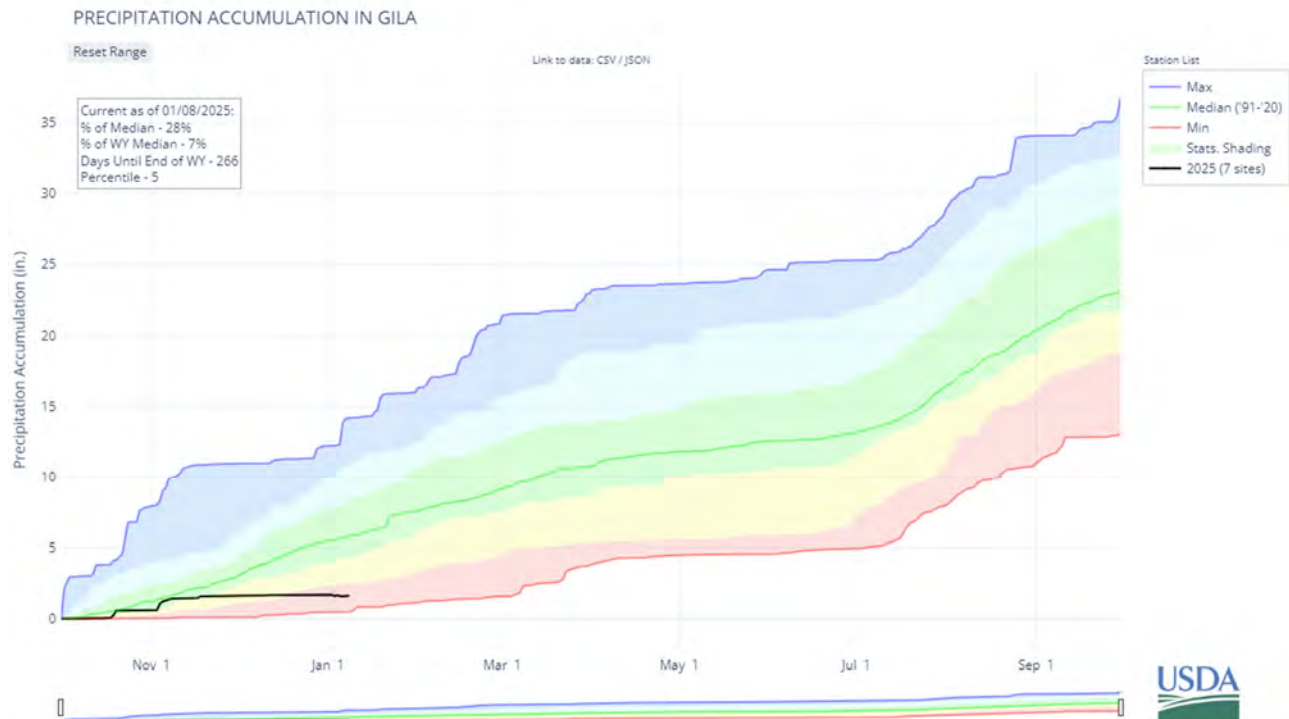
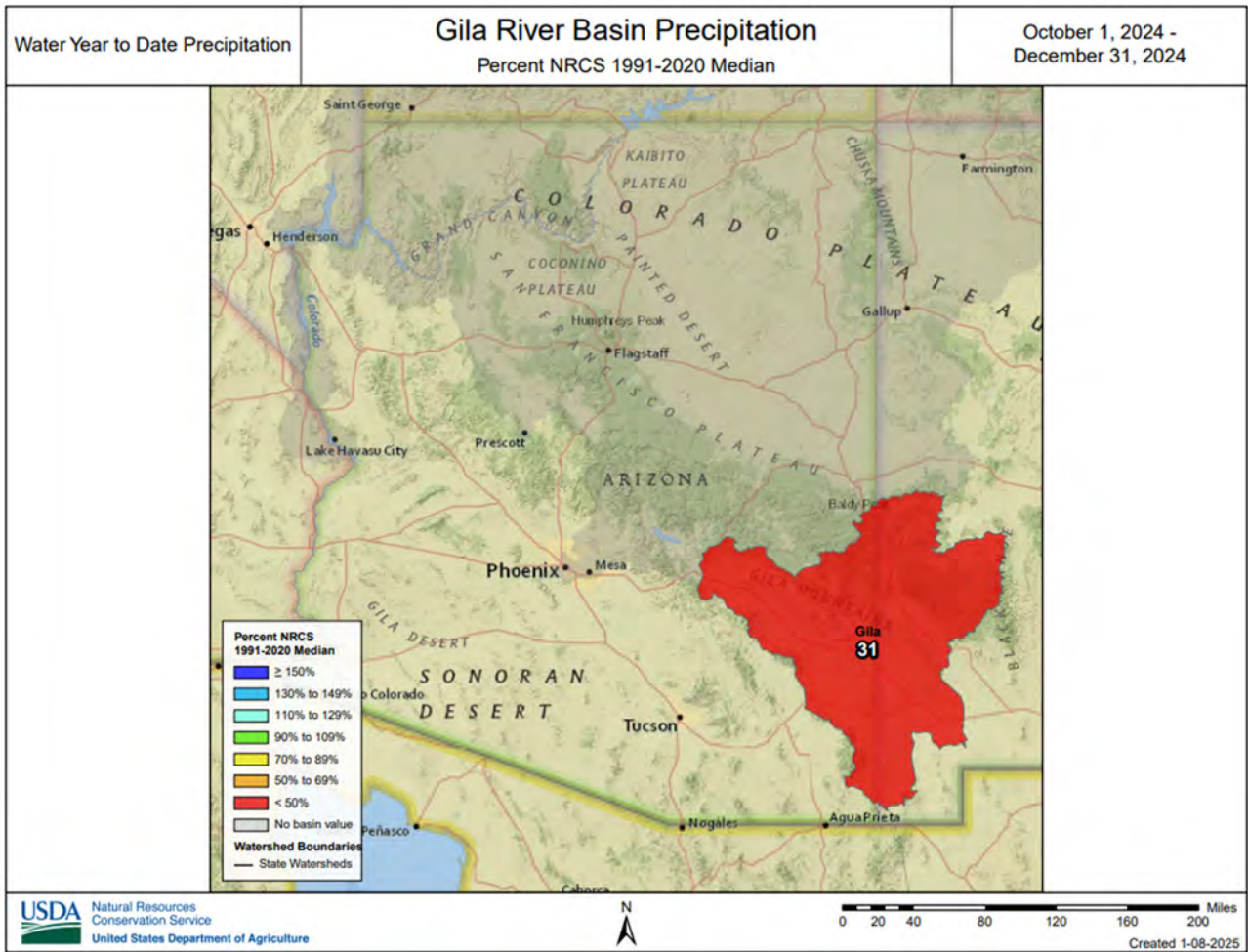
Reservoir Storage End of December, 2024	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Verde River Reservoir System	143.2	147.4	112.8	287.4

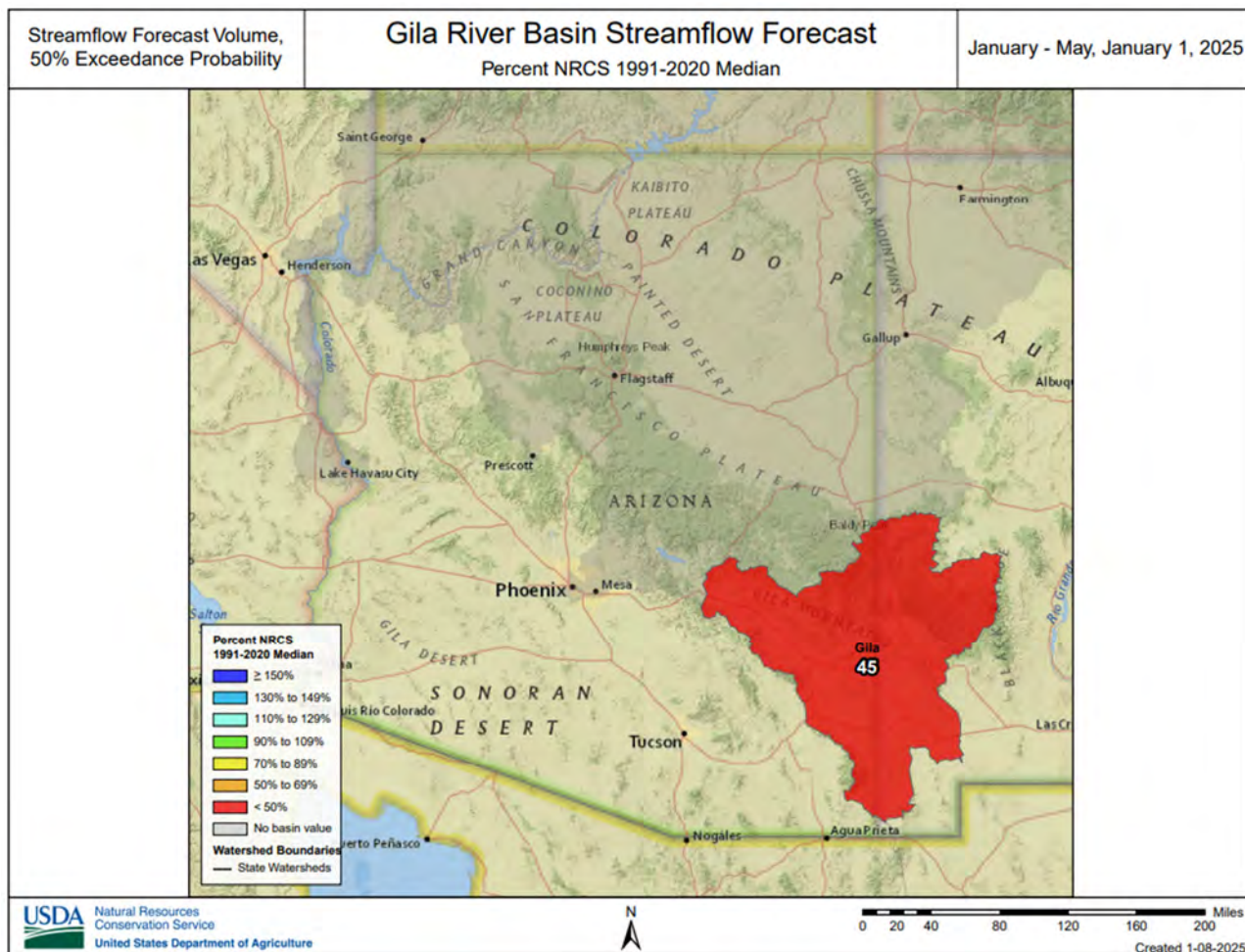
Watershed Snowpack Analysis January 1, 2025	# of Sites	% Median	Last Year % Median
Verde	14	14%	15%
Upper Verde	11	18%	11%

SAN FRANCISCO-UPPER GILA RIVER BASIN as of January 1, 2025

Well below median streamflow levels are forecast for the basin. In the San Francisco River, at Clifton, the forecast calls for 55% of median streamflow levels through May. In the Gila River, near Solomon, the forecast calls for 40% of median streamflow levels through May. At San Carlos Reservoir, inflow to the lake is forecast at 47% of median through May. Snow survey measurements show the snowpack for this basin to be at 9% of median.







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Gila Streamflow Forecasts - January 1, 2025

Gila	Forecast Period	Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
San Francisco R at Glenwood ²	JAN-MAY	3.7	6	8.3	45%	15.2	34	18.5
Gila R at Gila ²	JAN-MAY	15.2	16.8	21	40%	39	72	52
Gila R nr Solomon ²	JAN	0.39	3	7.1	44%	14	30	16
	JAN-MAY	26	31	42	40%	66	161	106
Gila R bl Blue Ck nr Virden ²	JAN-MAY	14.6	23	31	48%	56	101	64
San Francisco R at Clifton ²	JAN-MAY	11.7	16.7	24	55%	47	99	44
San Carlos Reservoir Inflow ²	JAN-MAY	2.8	14.1	34	47%	71	192	73

1) 90% And 10% exceedance probabilities are actually 95% And 5%

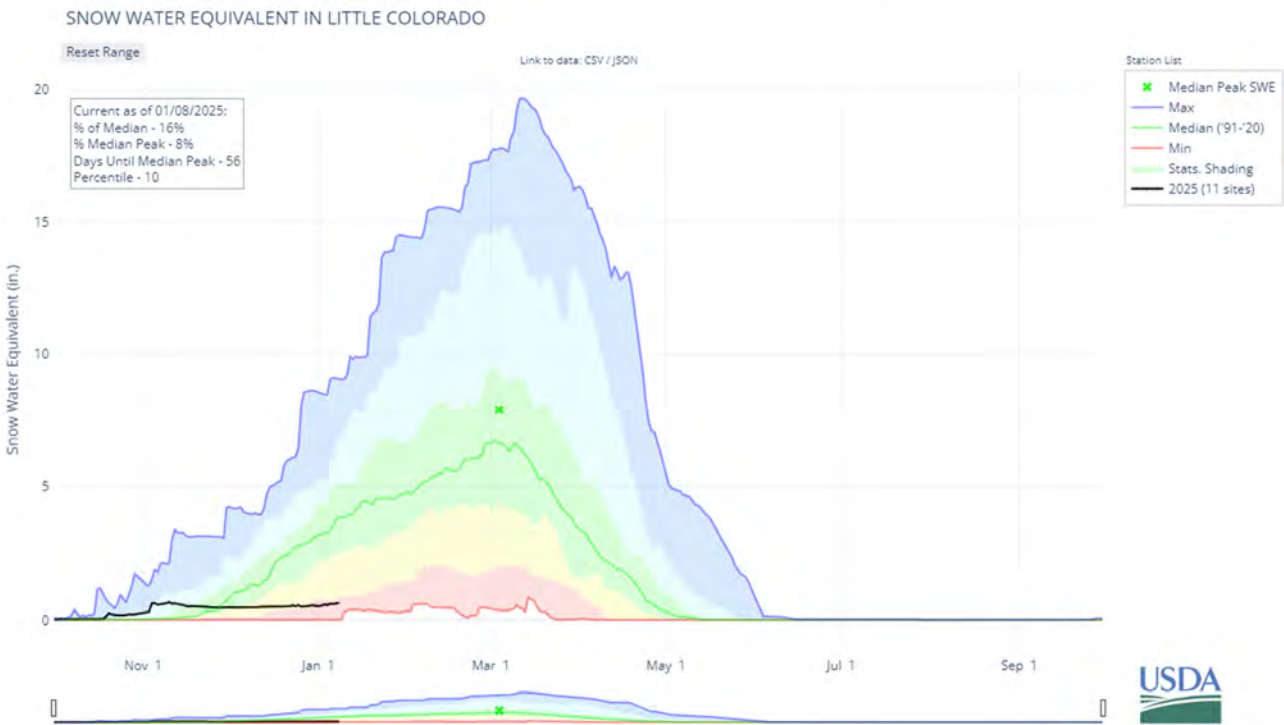
2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

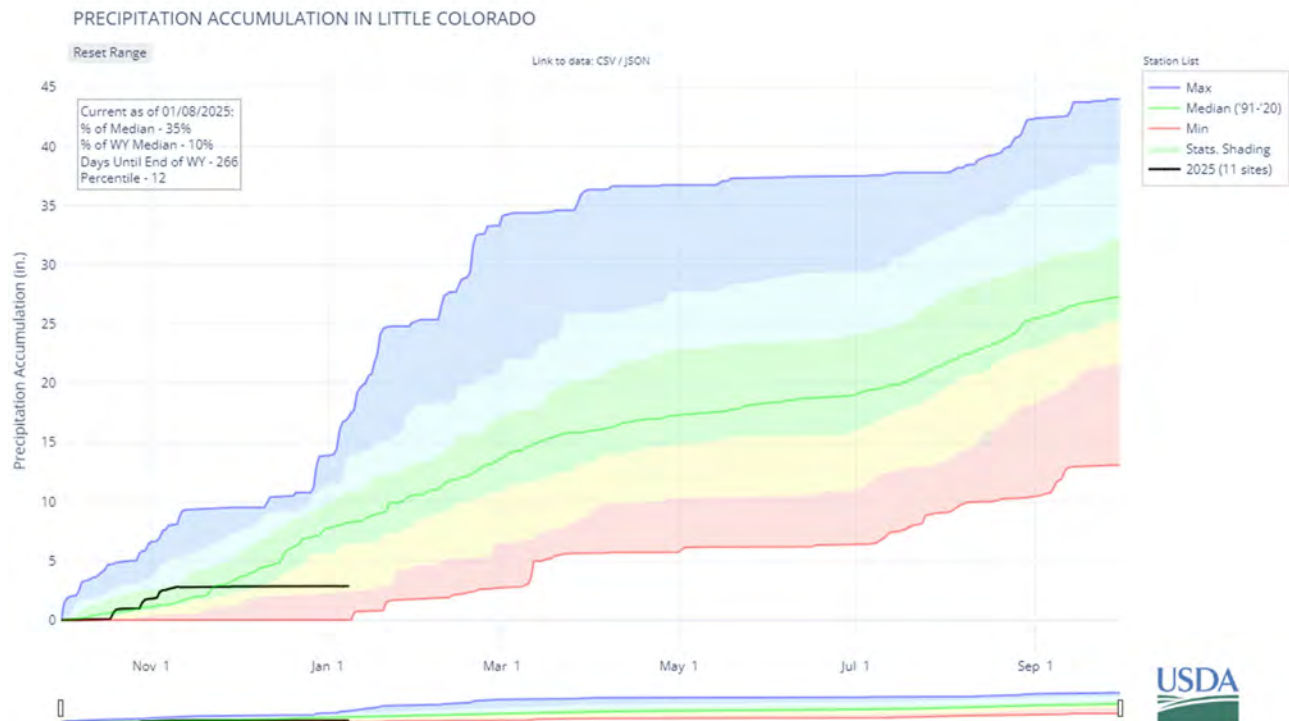
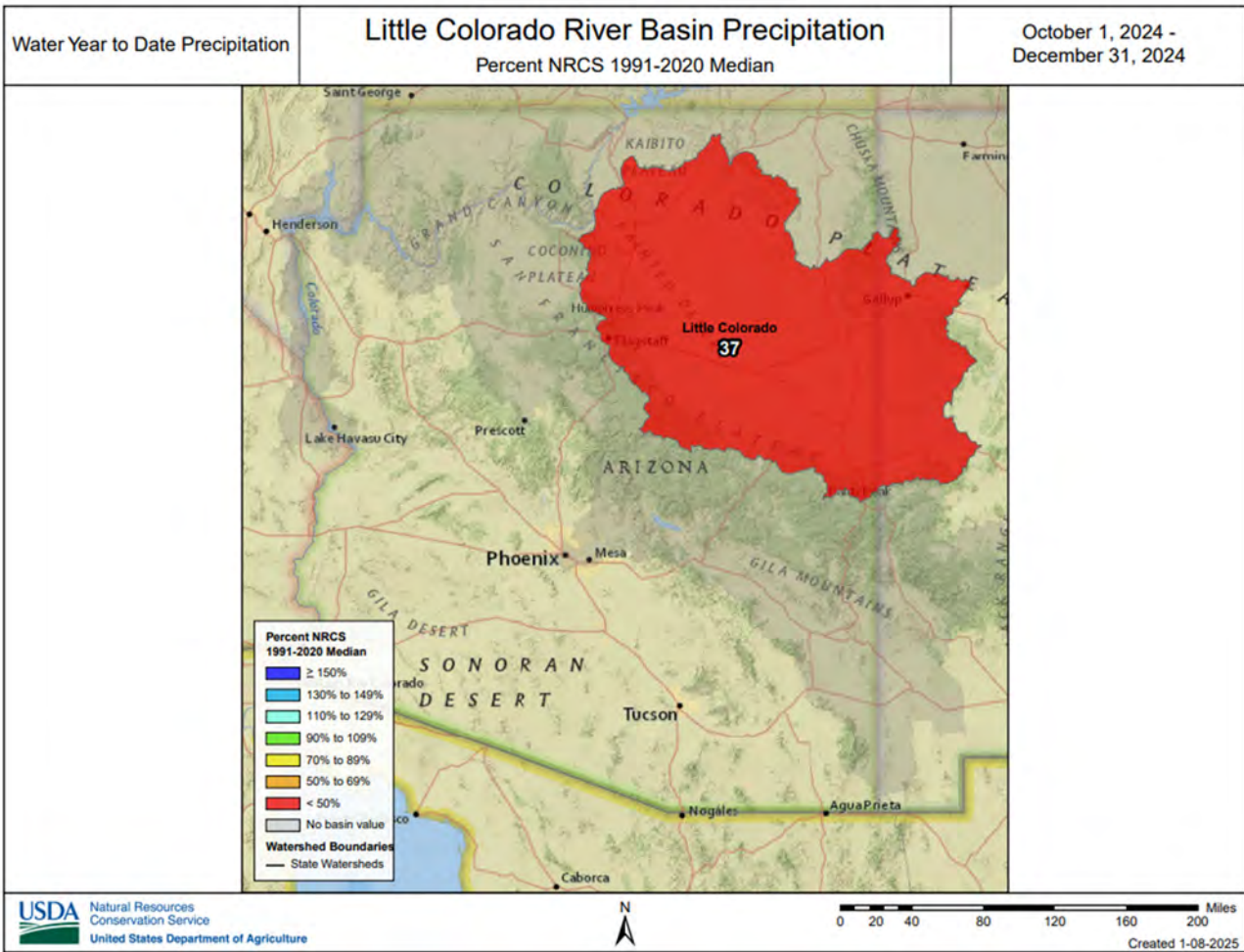
Reservoir Storage End of December, 2024	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
San Carlos Reservoir	159.7	326.4	79.4	875.0

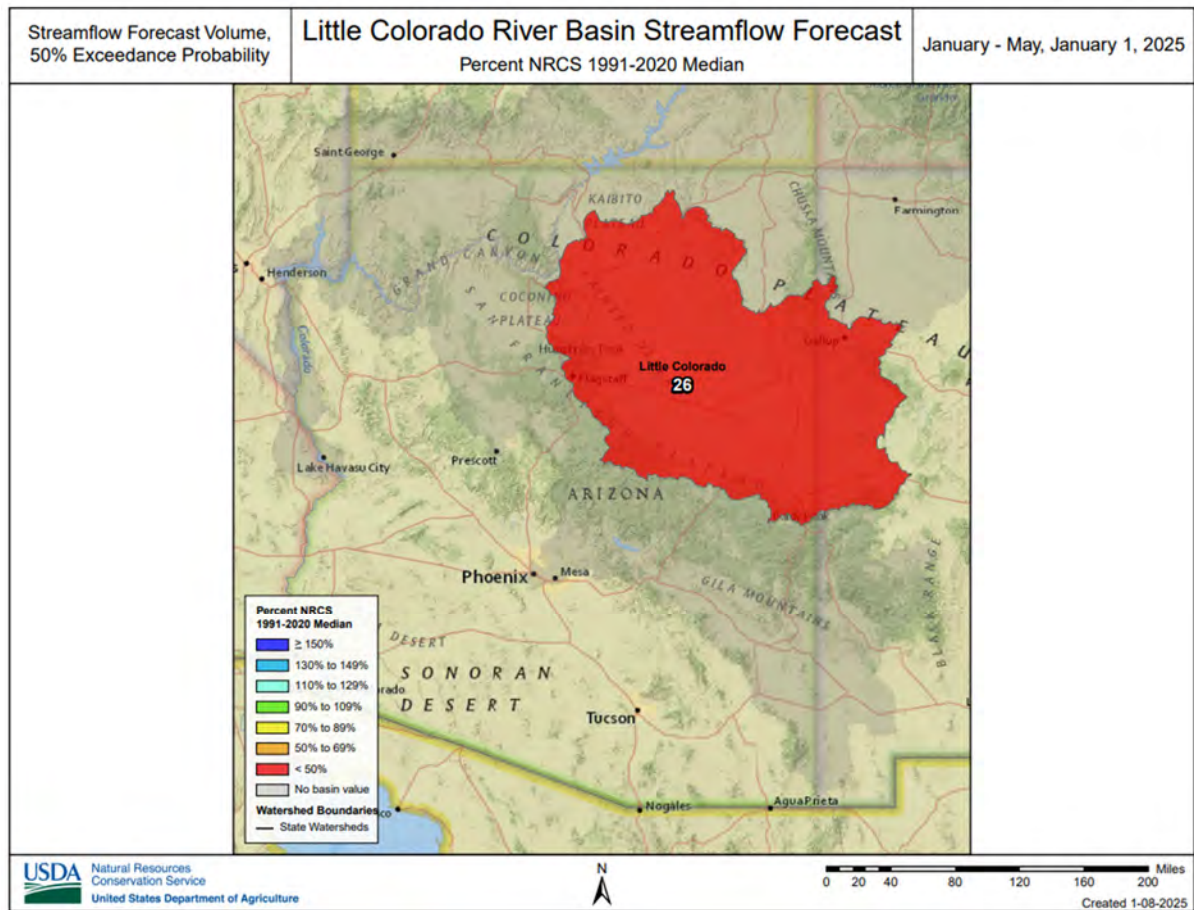
Watershed Snowpack Analysis January 1, 2025	# of Sites	% Median	Last Year % Median
Gila	9	9%	93%
San Francisco	7	11%	102%
Upper Gila	3	12%	97%

LITTLE COLORADO RIVER BASIN as of January 1, 2025

Well below median streamflow levels are forecast for the basin. In the Little Colorado River, above Lyman Lake, the forecast calls for 25% of median streamflow through June. At Blue Ridge (C.C. Cragin) Reservoir, inflow to the lake is forecast at 21% of median through May. Snow survey measurements show the snowpack for this basin to be at 16% of median.







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Little Colorado Streamflow Forecasts - January 1, 2025

Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Little Colorado	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Zuni R ab Black Rock Reservoir	JAN-MAY	0.01	0.02	0.04	31%	0.23	0.61	0.13
Bowl Canyon Ck ab Asaayi Lake ²	MAR-MAY	0.15	0.26	0.35	43%	0.73	1.38	0.82
Blue Ridge Reservoir Inflow ²	JAN-MAY	0.01	0.03	2.6	21%	7.3	19.2	12.6
Rio Nutria nr Ramah ²	JAN-MAY	0.01	0.05	0.22	30%	0.53	1.41	0.73
Lake Mary Reservoir Inflow ²	JAN-MAY	1.44	1.62	1.8	40%	5.1	7.6	4.5
Little Colorado R ab Lyman Lake ²	JAN-JUN	0.72	1.08	1.45	25%	2.4	4.9	5.9

1) 90% And 10% exceedance probabilities are actually 95% And 5%

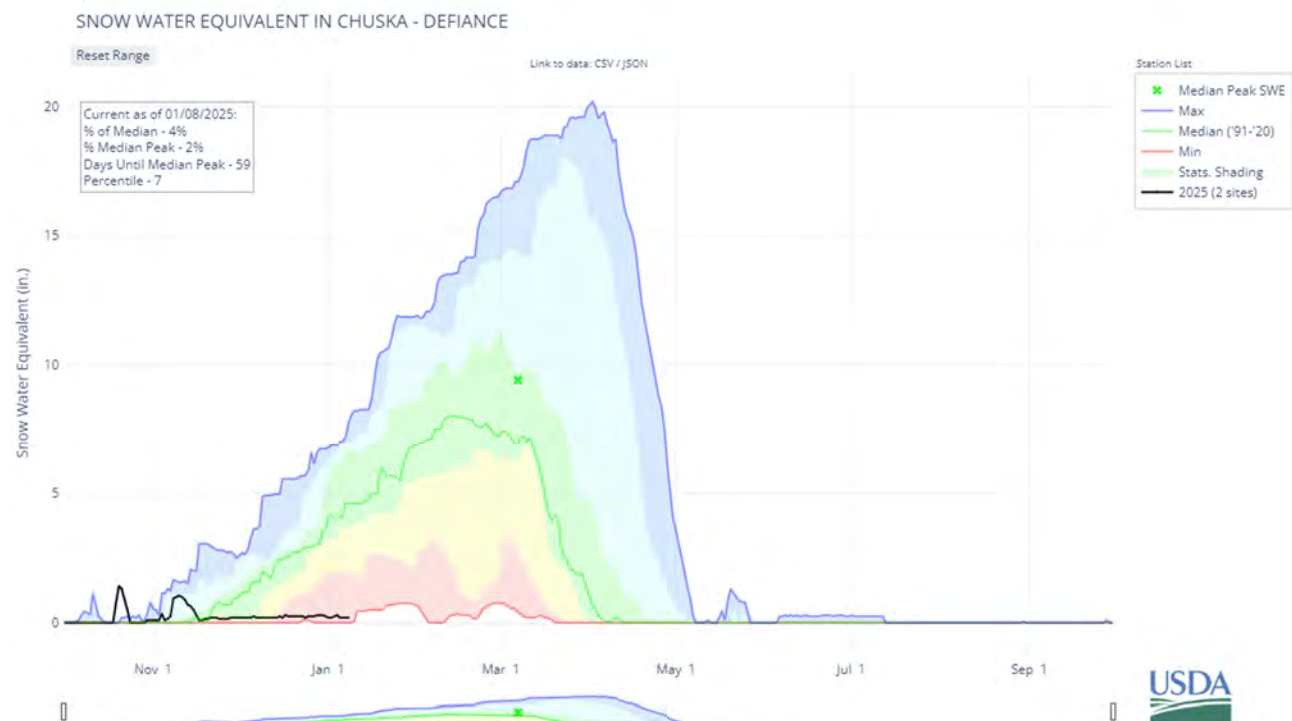
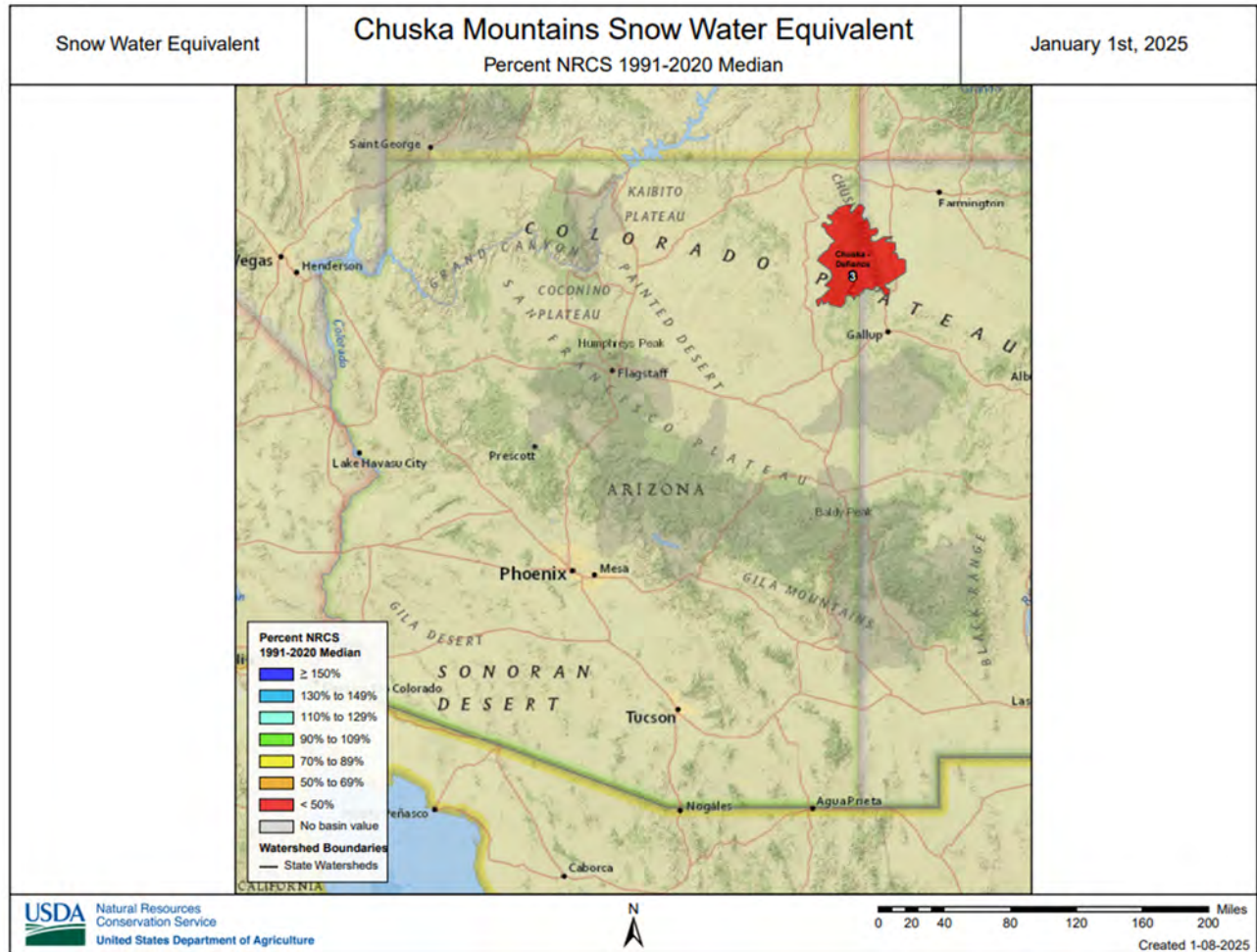
2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Reservoir Storage End of December, 2024	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Lyman Reservoir	9.5	12.1	7.1	30.0
Cragin Dam Reservoir	3.6	7.9	7.4	15.0

Watershed Snowpack Analysis January 1, 2025	# of Sites	% Median	Last Year % Median
Little Colorado	24	17%	44%
Canyon Diablo	7	38%	29%
Chevelon Canyon	2	0%	35%
Little Colorado Headwaters	5	5%	42%
Zuni	3	0%	185%

CHUSKA MOUNTAINS as of January 1, 2025

Well below median streamflow levels are forecast for Wheatfields Creek, Captain Tom Wash, and Bowl Canyon Creek. Snow survey measurements conducted by staff of the Navajo Nation Water Management Branch show the Chuska snowpack to be at 3% of median.

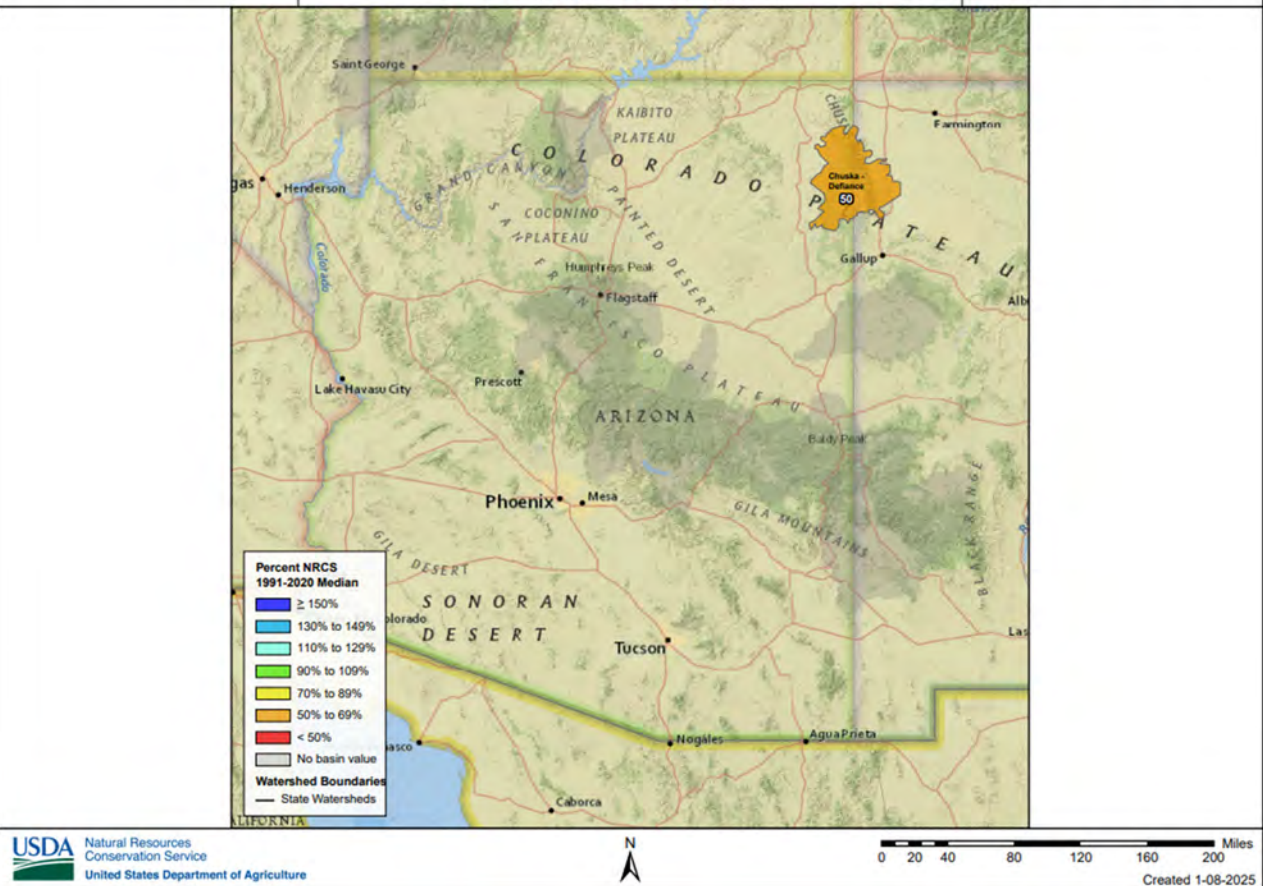


Water Year to Date Precipitation

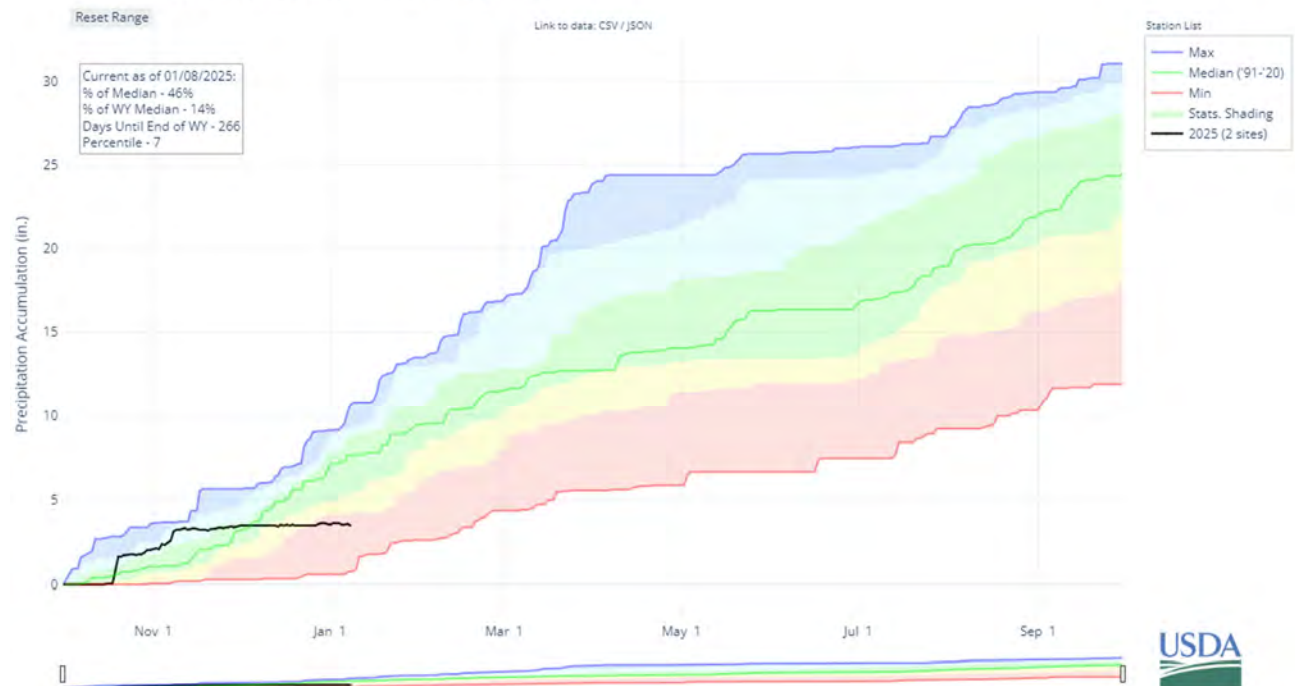
Chuska Mountains Precipitation

Percent NRCS 1991-2020 Median

October 1, 2024 -
December 31, 2024



PRECIPITATION ACCUMULATION IN CHUSKA - DEFIANCE



Streamflow Forecast Volume,
50% Exceedance Probability

Chuska Mountains Basin Streamflow Forecast

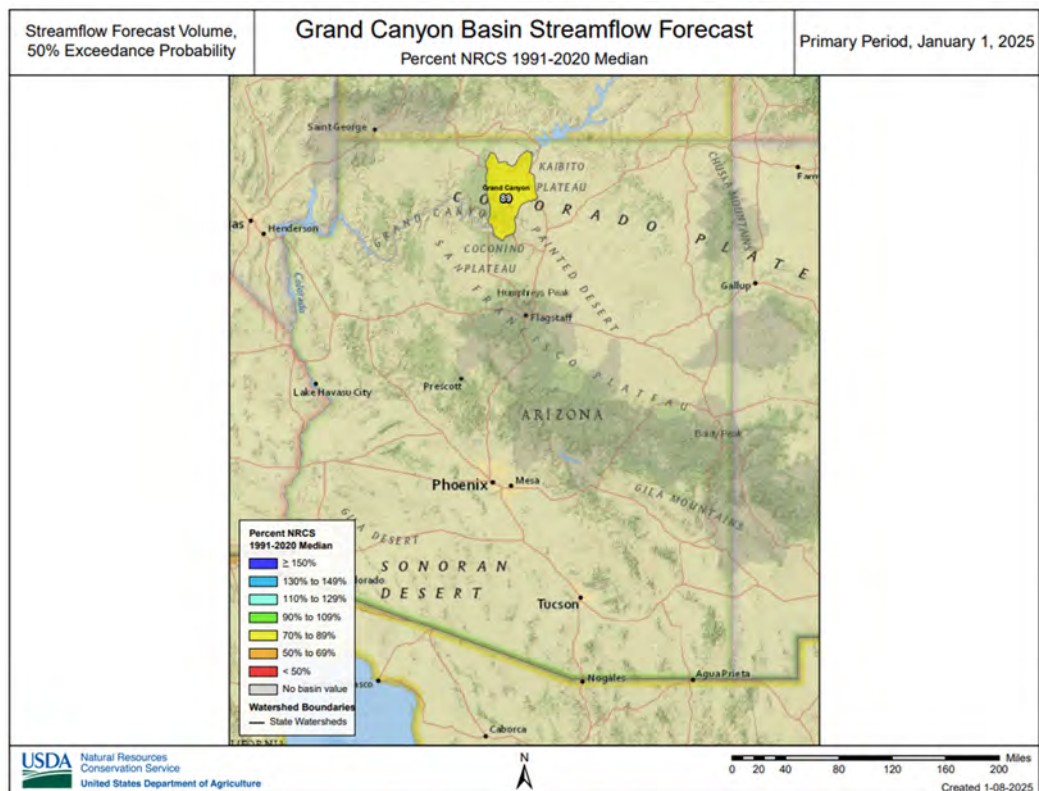
Percent NRCS 1991-2020 Median

March - May, January 1, 2025



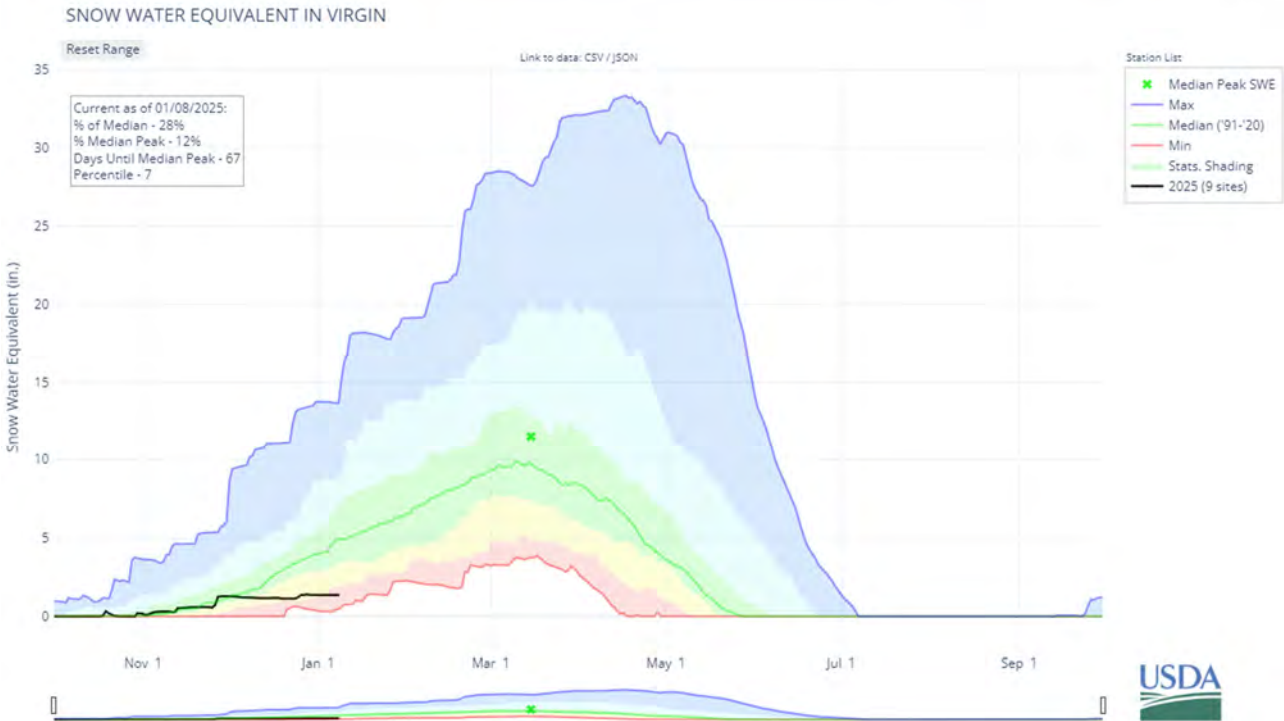
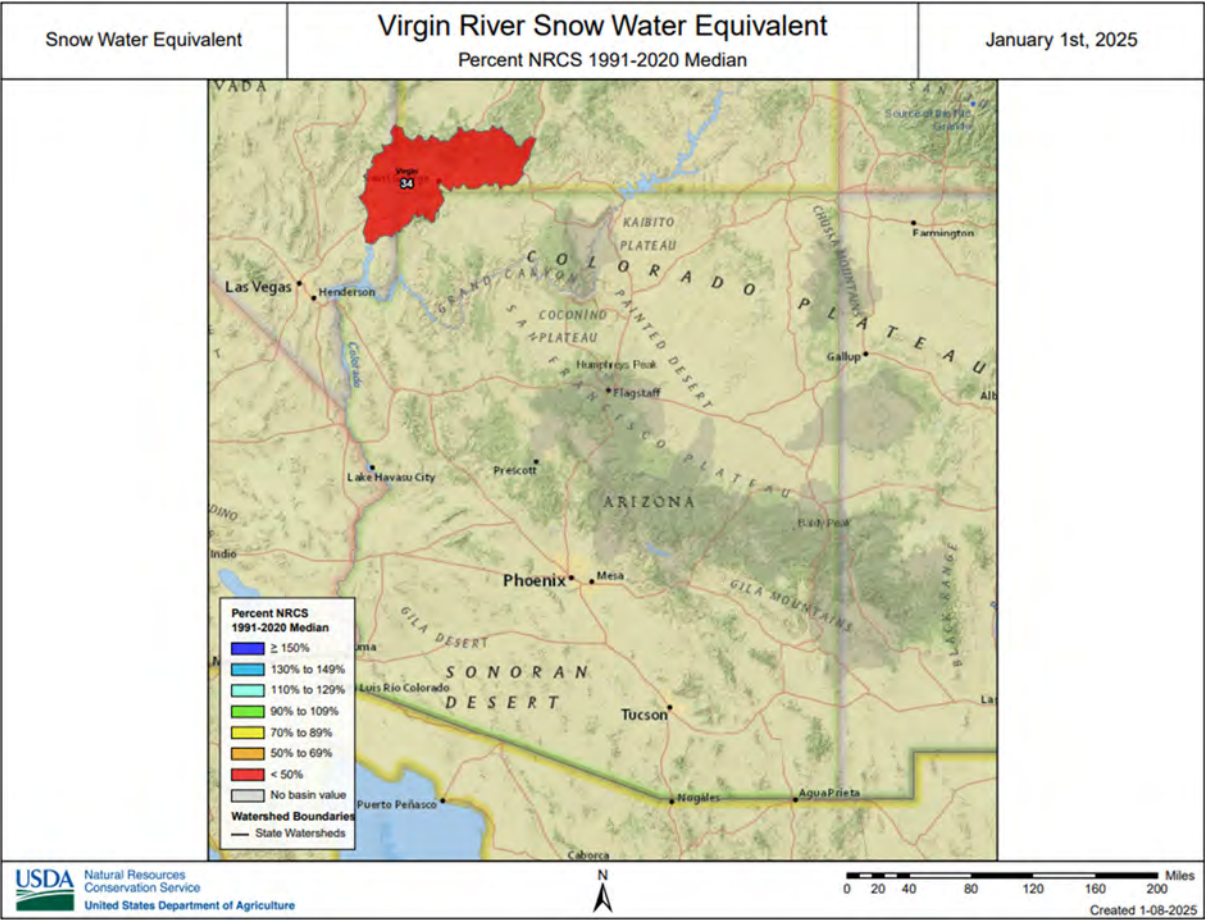
GRAND CANYON as of January 1, 2025

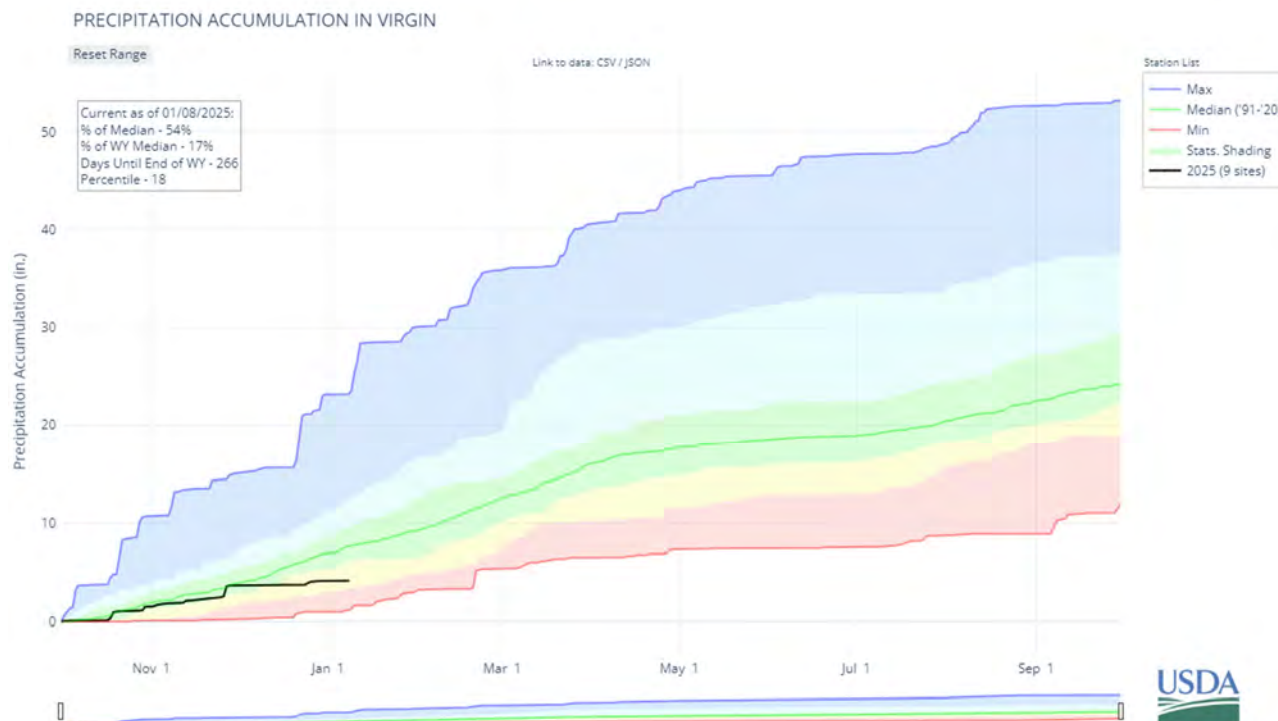
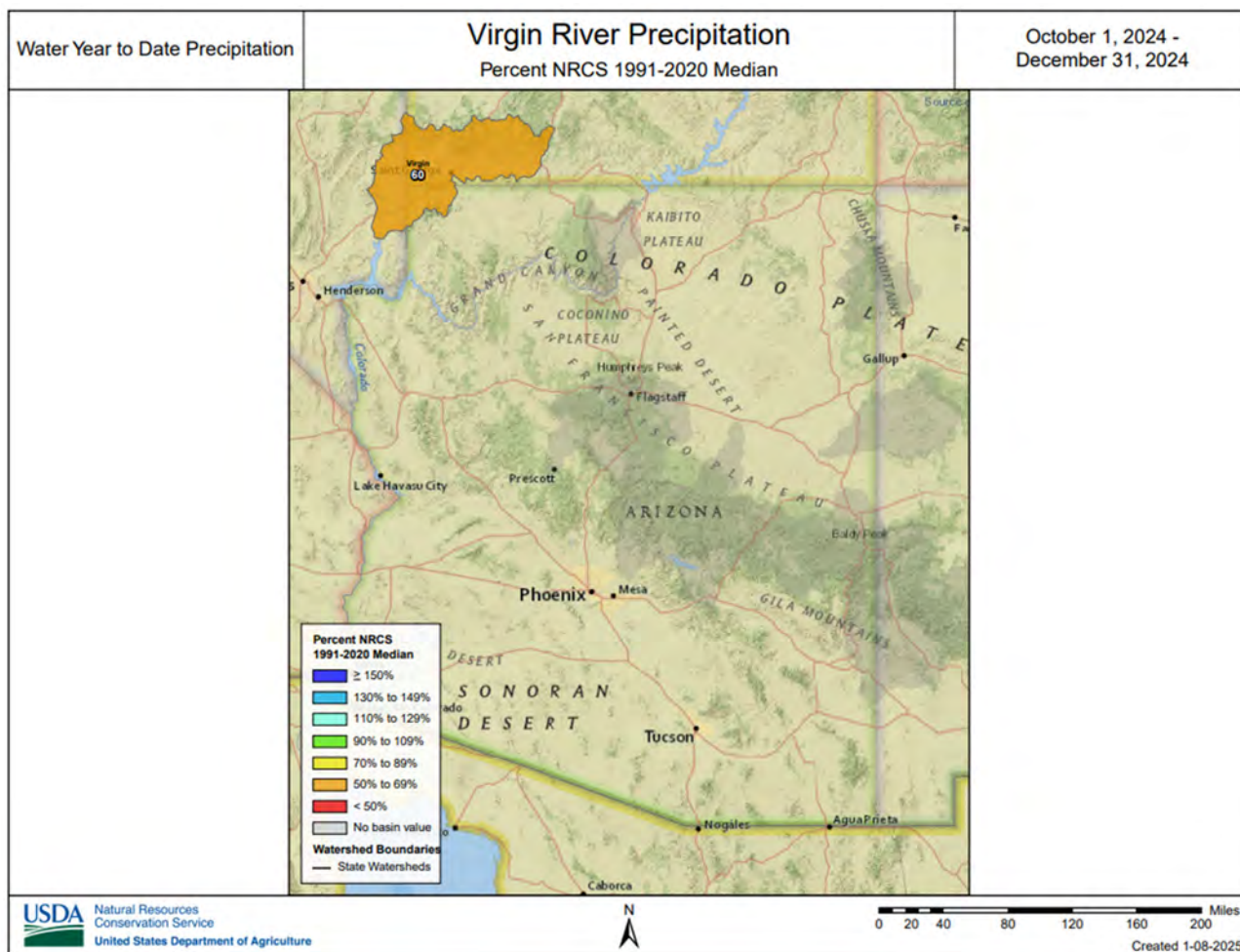
On the Colorado River, well below median inflow to Lake Powell is forecast at 89% of the 30-year median for the forecast period April-July. At the Grand Canyon, snow survey measurements completed by park rangers show snowpack to be at 0% of median.



VIRGIN RIVER BASIN as of January 1, 2024

Below median streamflow levels are forecast for the basin, ranging from 83% of median in the Virgin River at Virgin, to 91% of median in the Virgin River at Littlefield. Snow survey measurements show the snowpack for this basin to be at 34% of median.



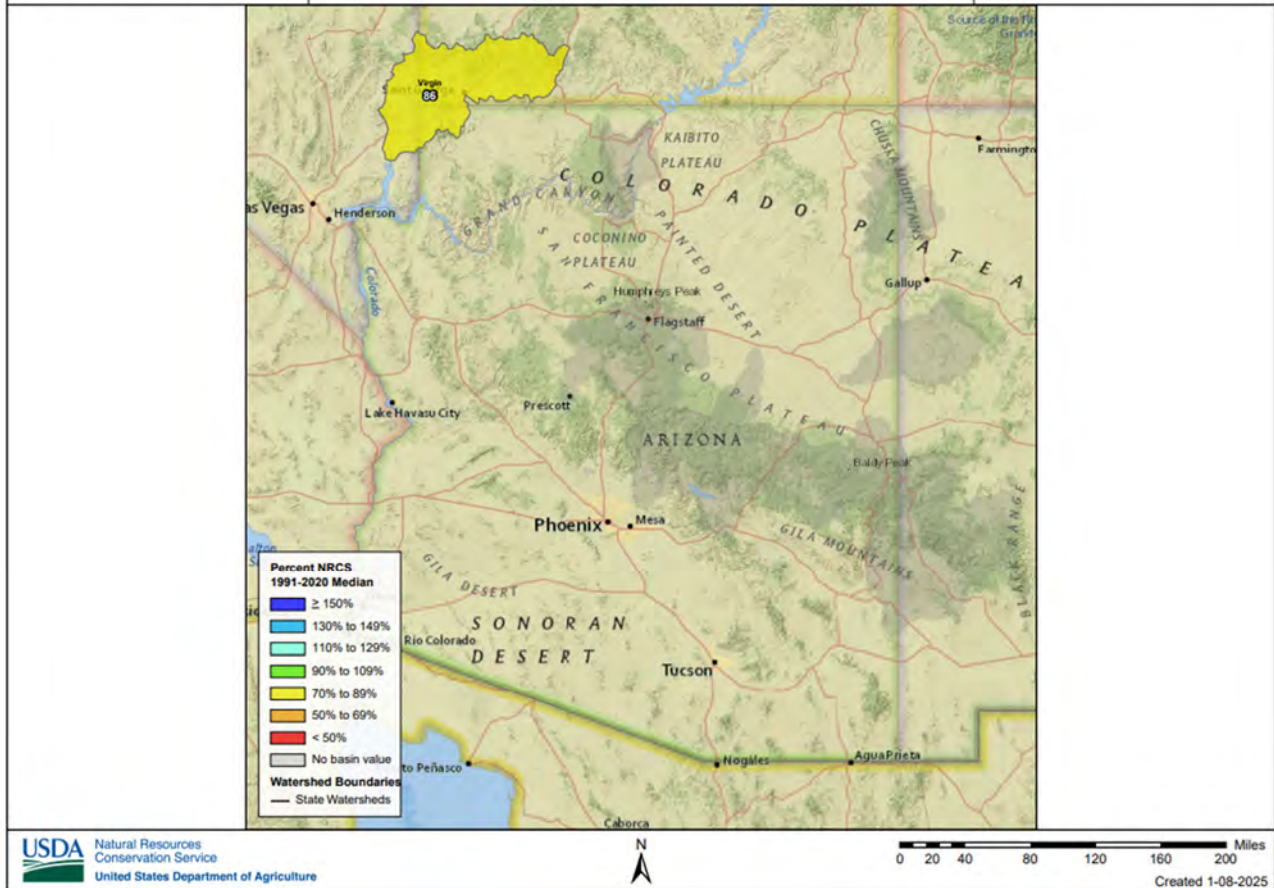


Streamflow Forecast Volume,
50% Exceedance Probability

Virgin River Basin Streamflow Forecast

Percent NRCS 1991-2020 Median

Primary Period, January 1, 2025



Basinwide Summary: January 1, 2025
(Medians based On 1991-2020 reference period)

Snowpack Summary For January 1, 2025

Gila	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Head	SNOTEL	8076	0	0.2	2.0	10%	1.9	95%
Coronado Trail	SC	8350			0.5		1.3	260%
Coronado Trail	SNOTEL	8418	1	0.0	1.4	0%	1.6	114%
Frisco Divide	SNOTEL	8013	0	0.0	1.3	0%	1.1	85%
Hannagan Meadows	SNOTEL	9027	0	0.5	4.8	10%	3.1	65%
Lookout Mountain	SNOTEL	8509	0	0.0	1.2	0%	1.1	92%
Nutriosio	SC	8500			0.2		0.8	400%
Nutriosio	SNOTEL	8571	2	0.1	0.8	13%	1.2	150%
Signal Peak	SNOTEL	8405	0	0.0	1.6	0%	0.3	19%
Silver Creek Divide	SNOTEL	9096	2	0.7	3.1	23%	4.3	139%
State Line	SC	8000	0	0.0	0.7	0%	1.2	171%
Basin Index						9%		93%
# of sites						9		9

San Francisco	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Head	SNOTEL	8076	0	0.2	2.0	10%	1.9	95%
Coronado Trail	SC	8350			0.5		1.3	260%
Coronado Trail	SNOTEL	8418	1	0.0	1.4	0%	1.6	114%
Frisco Divide	SNOTEL	8013	0	0.0	1.3	0%	1.1	85%
Hannagan Meadows	SNOTEL	9027	0	0.5	4.8	10%	3.1	65%
Nutriosio	SC	8500			0.2		0.8	400%
Nutriosio	SNOTEL	8571	2	0.1	0.8	13%	1.2	150%
Silver Creek Divide	SNOTEL	9096	2	0.7	3.1	23%	4.3	139%
State Line	SC	8000	0	0.0	0.7	0%	1.2	171%
Basin Index						11%		102%
# of sites						7		7

Upper Gila	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Lookout Mountain	SNOTEL	8509	0	0.0	1.2	0%	1.1	92%
Signal Peak	SNOTEL	8405	0	0.0	1.6	0%	0.3	19%
Silver Creek Divide	SNOTEL	9096	2	0.7	3.1	23%	4.3	139%
Basin Index						12%		97%
# of sites						3		3

Salt	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Baldy	SNOTEL	9221	0	0.0	3.2	0%	0.6	19%
Beaver Head	SNOTEL	8076	0	0.2	2.0	10%	1.9	95%
Buck Spring	SC	7400	0	0.0	1.0	0%	0.0	0%
Coronado Trail	SC	8350			0.5		1.3	260%
Coronado Trail	SNOTEL	8418	1	0.0	1.4	0%	1.6	114%
Fort Apache	SC	9160	2	0.4	3.6	11%	1.4	39%
Hannagan Meadows	SNOTEL	9027	0	0.5	4.8	10%	3.1	65%
Hawley Lake	SNOTEL	8314	0	0.1			2.7	

Heber	SNOTEL	7654	0	0.0	1.6	0%	1.1	69%
Maverick Fork	SNOTEL	9220	0	0.1	3.9	3%	1.4	36%
Promontory	SNOTEL	7942	0	0.0	3.5	0%	0.7	20%
Wildcat	SNOTEL	7868	0	0.0	1.3	0%	1.5	115%
Workman Creek	SNOTEL	7032	0	0.0	1.8	0%	0.0	0%

Basin Index **4%** **47%**

of sites 11 11

Central Mogollon Rim	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Baker Butte	SNOTEL	7363	1	0.2	1.8	11%	0.3	17%
Baker Butte No. 2	SC	7700	0	0.0	2.8	0%	0.7	25%
Baker Butte Smt	SNOTEL	7752	1	0.3	4.9	6%	1.5	31%
Happy Jack	SC	7630	0	0.0	1.2	0%	0.0	0%
Happy Jack	SNOTEL	7539	0	0.0	2.3	0%	0.0	0%
Heber	SNOTEL	7654	0	0.0	1.6	0%	1.1	69%
Promontory	SNOTEL	7942	0	0.0	3.5	0%	0.7	20%
Workman Creek	SNOTEL	7032	0	0.0	1.8	0%	0.0	0%

Basin Index **3%** **22%**

of sites 8 8

Upper Salt	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Baldy	SNOTEL	9221	0	0.0	3.2	0%	0.6	19%
Beaver Head	SNOTEL	8076	0	0.2	2.0	10%	1.9	95%
Buck Spring	SC	7400	0	0.0	1.0	0%	0.0	0%
Coronado Trail	SC	8350			0.5		1.3	260%
Coronado Trail	SNOTEL	8418	1	0.0	1.4	0%	1.6	114%
Fort Apache	SC	9160	2	0.4	3.6	11%	1.4	39%
Hannagan Meadows	SNOTEL	9027	0	0.5	4.8	10%	3.1	65%
Hawley Lake	SNOTEL	8314	0	0.1			2.7	
Maverick Fork	SNOTEL	9220	0	0.1	3.9	3%	1.4	36%
Wildcat	SNOTEL	7868	0	0.0	1.3	0%	1.5	115%

Basin Index **6%** **54%**

of sites 8 8

Verde	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Baker Butte	SNOTEL	7363	1	0.2	1.8	11%	0.3	17%
Baker Butte No. 2	SC	7700	0	0.0	2.8	0%	0.7	25%
Baker Butte Smt	SNOTEL	7752	1	0.3	4.9	6%	1.5	31%
Bar M	SNOTEL	6397	0	0.0			0.0	
Chalender	SC	7100			0.6		0.0	0%
Chalender	SNOTEL	7035	0	0.0	1.2	0%	0.0	0%
Fort Valley	SNOTEL	7371	0	0.0	1.0	0%	0.0	0%
Fort Valley	SC	7350	0	0.0	0.8	0%	0.0	0%
Fry	SNOTEL	7236	0	0.0	2.8	0%	0.0	0%
Happy Jack	SC	7630	0	0.0	1.2	0%	0.0	0%
Happy Jack	SNOTEL	7539	0	0.0	2.3	0%	0.0	0%
Mormon Mountain	SNOTEL	7500	0	0.0	2.0	0%	0.0	0%
Mormon Mountain Summit #2	SC	8470	0	0.0	4.2	0%		
Mormon Mtn Summit	SNOTEL	8462	0	0.2	4.3	5%	1.1	26%

Newman Park	SC	6750	0	0.0	0.9	0%	0.0	0%
Snow Bowl #2	SC	11200	15	4.2	7.1	59%	1.6	23%
White Horse Lake	SNOTEL	7203	0	0.0	1.4	0%	0.0	0%
Williams Ski Run	SC	7720	0	0.0	2.7	0%		
Basin Index						14%		15%
# of sites						14		14

Upper Verde	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Bar M	SNOTEL	6397	0	0.0			0.0	
Chalender	SNOTEL	7035	0	0.0	1.2	0%	0.0	0%
Chalender	SC	7100			0.6		0.0	0%
Fort Valley	SNOTEL	7371	0	0.0	1.0	0%	0.0	0%
Fort Valley	SC	7350	0	0.0	0.8	0%	0.0	0%
Fry	SNOTEL	7236	0	0.0	2.8	0%	0.0	0%
Happy Jack	SC	7630	0	0.0	1.2	0%	0.0	0%
Happy Jack	SNOTEL	7539	0	0.0	2.3	0%	0.0	0%
Mormon Mountain	SNOTEL	7500	0	0.0	2.0	0%	0.0	0%
Mormon Mountain Summit #2	SC	8470	0	0.0	4.2	0%		
Mormon Mtn Summit	SNOTEL	8462	0	0.2	4.3	5%	1.1	26%
Newman Park	SC	6750	0	0.0	0.9	0%	0.0	0%
Snow Bowl #2	SC	11200	15	4.2	7.1	59%	1.6	23%
White Horse Lake	SNOTEL	7203	0	0.0	1.4	0%	0.0	0%
Williams Ski Run	SC	7720	0	0.0	2.7	0%		
Basin Index						18%		11%
# of sites						11		11

Little Colorado	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Baker Butte	SNOTEL	7363	1	0.2	1.8	11%	0.3	17%
Baker Butte No. 2	SC	7700	0	0.0	2.8	0%	0.7	25%
Baker Butte Smt	SNOTEL	7752	1	0.3	4.9	6%	1.5	31%
Baldy	SNOTEL	9221	0	0.0	3.2	0%	0.6	19%
Boon	SC	8140	0	0.0	1.2	0%	2.6	217%
Bowl Canyon	SC	8980	0	0.0	3.4	0%	3.8	112%
Buck Spring	SC	7400	0	0.0	1.0	0%	0.0	0%
Cheese Springs	SC	8700	0	0.1	2.2	5%	1.2	55%
Dan Valley	SC	7640	0	0.0	0.7	0%	1.4	200%
Fluted Rock	SC	7800	0	0.0	0.9	0%	1.4	156%
Fort Apache	SC	9160	2	0.4	3.6	11%	1.4	39%
Fort Valley	SNOTEL	7371	0	0.0	1.0	0%	0.0	0%
Fort Valley	SC	7350	0	0.0	0.8	0%	0.0	0%
Grand Canyon	SC	7500	0	0.0	0.5	0%		
Heber	SNOTEL	7654	0	0.0	1.6	0%	1.1	69%
Lake Mary	SC	6930	0	0.0	1.2	0%	0.0	0%
Maverick Fork	SNOTEL	9220	0	0.1	3.9	3%	1.4	36%
McGaffey	SC	8120	0	0.0	0.8	0%	1.0	125%
Missionary Spring	SC	7940	0	0.0	1.1	0%	0.0	0%
Mormon Mountain	SNOTEL	7500	0	0.0	2.0	0%	0.0	0%
Mormon Mountain Summit #2	SC	8470	0	0.0	4.2	0%		
Mormon Mtn Summit	SNOTEL	8462	0	0.2	4.3	5%	1.1	26%
Nutriosio	SNOTEL	8571	2	0.1	0.8	13%	1.2	150%

Nutriosio	SC	8500			0.2		0.8	400%
Promontory	SNOTEL	7942	0	0.0	3.5	0%	0.7	20%
Snow Bowl #2	SC	11200	15	4.2	7.1	59%	1.6	23%
Snowslide Canyon	SNOTEL	9744	7	4.7	7.8	60%	4.4	56%
Basin Index						17%		44%
# of sites						24		24

Canyon Diablo	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Fort Valley	SNOTEL	7371	0	0.0	1.0	0%	0.0	0%
Fort Valley	SC	7350	0	0.0	0.8	0%	0.0	0%
Lake Mary	SC	6930	0	0.0	1.2	0%	0.0	0%
Mormon Mountain	SNOTEL	7500	0	0.0	2.0	0%	0.0	0%
Mormon Mountain Summit #2	SC	8470	0	0.0	4.2	0%		
Mormon Mtn Summit	SNOTEL	8462	0	0.2	4.3	5%	1.1	26%
Snow Bowl #2	SC	11200	15	4.2	7.1	59%	1.6	23%
Snowslide Canyon	SNOTEL	9744	7	4.7	7.8	60%	4.4	56%
Basin Index						38%		29%
# of sites						7		7

Chevelon Canyon	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Heber	SNOTEL	7654	0	0.0	1.6	0%	1.1	69%
Promontory	SNOTEL	7942	0	0.0	3.5	0%	0.7	20%
Basin Index						0%		35%
# of sites						2		2

Little Colorado Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Baldy	SNOTEL	9221	0	0.0	3.2	0%	0.6	19%
Cheese Springs	SC	8700	0	0.1	2.2	5%	1.2	55%
Fort Apache	SC	9160	2	0.4	3.6	11%	1.4	39%
Maverick Fork	SNOTEL	9220	0	0.1	3.9	3%	1.4	36%
Nutriosio	SC	8500			0.2		0.8	400%
Nutriosio	SNOTEL	8571	2	0.1	0.8	13%	1.2	150%
Basin Index						5%		42%
# of sites						5		5

Zuni	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boon	SC	8140	0	0.0	1.2	0%	2.6	217%
Dan Valley	SC	7640	0	0.0	0.7	0%	1.4	200%
McGaffey	SC	8120	0	0.0	0.8	0%	1.0	125%
Basin Index						0%		185%
# of sites						3		3

Lower Colorado Mainstem	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Bright Angel	SC	8400			2.8		0.9	32%
Chalender	SNOTEL	7035	0	0.0	1.2	0%	0.0	0%
Chalender	SC	7100			0.6		0.0	0%

Gardner Peak	SNOTEL	8322	7	2.1	4.8	44%	2.3	48%
Grand Canyon	SC	7500	0	0.0	0.5	0%		
Gutz Peak	SNOTEL	6763	0	0.0	3.6	0%	0.0	0%
Harris Flat	SNOTEL	7792	0	0.0	2.4	0%	0.3	13%
Kolob	SNOTEL	9263	14	3.7	7.4	50%	2.4	32%
Little Grassy	SNOTEL	6065	0	0.0	1.3	0%	0.0	0%
Long Flat	SNOTEL	7982	0	0.0	2.6	0%	0.0	0%
Long Valley Jct	SNOTEL	7465	0	0.0	2.2	0%	0.0	0%
Midway Valley	SNOTEL	9827	19	4.2	8.0	53%	3.5	44%
Webster Flat	SNOTEL	9203	6	2.3	3.8	61%	2.1	55%
Williams Ski Run	SC	7720	0	0.0	2.7	0%		
Basin Index						33%		28%
# of sites						10		10

Grand Canyon	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Bright Angel	SC	8400			2.8		0.9	32%
Grand Canyon	SC	7500	0	0.0	0.5	0%		
Basin Index							0	0
# of sites								

Virgin	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Gardner Peak	SNOTEL	8322	7	2.1	4.8	44%	2.3	48%
Gutz Peak	SNOTEL	6763	0	0.0	3.6	0%	0.0	0%
Harris Flat	SNOTEL	7792	0	0.0	2.4	0%	0.3	13%
Kolob	SNOTEL	9263	14	3.7	7.4	50%	2.4	32%
Little Grassy	SNOTEL	6065	0	0.0	1.3	0%	0.0	0%
Long Flat	SNOTEL	7982	0	0.0	2.6	0%	0.0	0%
Long Valley Jct	SNOTEL	7465	0	0.0	2.2	0%	0.0	0%
Midway Valley	SNOTEL	9827	19	4.2	8.0	53%	3.5	44%
Webster Flat	SNOTEL	9203	6	2.3	3.8	61%	2.1	55%
Basin Index						34%		29%
# of sites						9		9

Upper Colorado	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Agua Canyon	SNOTEL	8900	0	0.0	3.3	0%	0.4	12%
Arapaho Ridge	SNOTEL	10976	45	9.5	10.0	95%	6.6	66%
Arrow #2	SC	9668						
Battle Mountain	SNOTEL	7498	20	4.0	4.3	93%	2.6	60%
Bear River	SNOTEL	9112	24	4.8	4.6	104%	3.6	78%
Beartown	SNOTEL	11600	36	9.3	9.6	97%	5.0	52%
Beaver Ck Village	SNOTEL	8565	26	5.7	4.7	121%	3.7	79%
Beaver Spring	SNOTEL	9255	0	0.0	4.2	0%	3.7	88%
Beaver Spring	SC	9220	0	0.0	3.6	0%	2.8	78%
Berthoud Pass	SC	9700						
Berthoud Summit	SNOTEL	11314	38	8.2	7.4	111%	6.5	88%
Big Park	SC	8620						
Big Sandy Opening	SNOTEL	9080	23	4.0	6.0	67%	4.2	70%
Bison Lake	SNOTEL	10964	35	8.0	10.6	75%	6.6	62%
Black Flat-U.M. Ck	SNOTEL	9414	18	4.5	3.2	141%	2.1	66%

Black Mesa	SNOTEL	11564	34	8.3				5.5	
Blacks Fork Jct	SNOTEL	8869	23	4.7	3.2	147%		3.4	106%
Blind Bull Sum	SNOTEL	8650	43	8.8	9.6	92%		6.2	65%
Blue River	SC	10500							
Bowl Canyon	SC	8980	0	0.0	3.4	0%		3.8	112%
Brown Duck	SNOTEL	10574	33	6.9	6.8	101%		3.1	46%
Bryce Canyon	SC	8000							
Buck Flat	SNOTEL	9409	30	6.7	6.8	99%		3.8	56%
Buck Pasture	SNOTEL	9632	35	5.7				4.2	
Buckboard Flat	SNOTEL	8924	12	3.2				3.2	
Buckboard Flat	SC	8998							
Buffalo Park	SNOTEL	9249	26	5.5	5.6	98%		3.4	61%
Burro Mountain	SNOTEL	9317	29	5.9	6.0	98%		4.1	68%
Butte	SNOTEL	10200	36	6.9	5.5	125%		5.5	100%
Butterhill	SC	7880							
Camp Jackson	SNOTEL	8858	9	2.8	5.0	56%		3.3	66%
Cascade #2	SNOTEL	9012	11	3.4	4.3	79%		3.2	74%
Chapman Tunnel	SNOTEL	10100	32	6.6	7.0	94%		5.6	80%
Chepeta	SNOTEL	10499	20	3.6	5.5	65%		2.8	51%
Clayton Springs	SNOTEL	10049	14	3.0	5.1	59%		1.4	27%
Clear Creek #1	SNOTEL	8975	28	5.3	6.0	88%		2.8	47%
Cochetopa Pass	SC	10000							
Cochetopa Pass	SNOTEL	10061	14	2.7	2.1	129%		1.2	57%
Columbine	SNOTEL	9167	42	9.8	8.8	111%		6.7	76%
Columbine Lodge	SC	9160							
Columbine Pass	SNOTEL	9171	29	7.3	6.7	109%		5.0	75%
Columbus Basin	SNOTEL	10781	36	9.2	9.8	94%		4.8	49%
Copper Mountain	SNOTEL	10523	36	7.6	6.3	121%		4.4	70%
Corral	SNOTEL	8207	9	2.1				1.5	
Corral Creek	SC	9700							
Cottonwood Pass	SNOLITE	11681	42						
Crested Butte	SC	8920							
Crosho	SNOTEL	8973	25	5.4	4.9	110%		4.0	82%
Currant Creek	SNOTEL	7915	18	3.8	3.7	103%		3.0	81%
Daniels-Strawberry	SNOTEL	8008	28	5.3	5.6	95%		3.4	61%
Dills Camp	SNOTEL	9228	26	5.6	4.6	122%		2.5	54%
Divide Peak	SNOTEL	8730	32	6.0	7.6	79%		4.9	64%
Donkey Reservoir	SNOTEL	9799	9	1.8	2.7	67%		1.4	52%
Dry Lake	SNOTEL	8271	40	8.7	8.4	104%		7.1	85%
EF Blacks Fork GS	SNOTEL	9360	24	3.9	4.0	98%		5.3	133%
East Rim Divide	SNOTEL	7930	22	3.9	4.4	89%		2.0	45%
East Willow Creek	SNOTEL	8302	10	1.9	3.2	59%		1.6	50%
El Diente Peak	SNOTEL	10217	18		5.0			3.6	72%
Elk River	SNOTEL	8739	33	6.4	7.0	91%		5.2	74%
Elkhart Park G.S.	SNOTEL	9400	25	5.0	5.8	86%		2.7	47%
Elkhead Divide	SNOTEL	8800	30	6.3				5.6	
Elliot Ridge	SNOTEL	10549	21	8.8	7.4	119%		6.0	81%
Fish Lake	SC	8818							
Fish Lake Utah	SNOTEL	8798	9	1.8	3.8	47%		1.1	29%
Five Points Lake	SNOTEL	10943	29	5.5	6.4	86%		4.0	63%
Fluted Rock	SC	7800	0	0.0	0.9	0%		1.4	156%
Fool Creek	SNOTEL	11156	37	8.5				6.0	
Fremont Pass	SNOTEL	11326	43	8.5	6.8	125%		4.2	62%

G.B.R.C. Meadows	SC	9780							
GBRC Meadows	SNOTEL	9858	34	8.2				5.2	
Gold Basin	SNOTEL	10076	28	7.3				5.3	
Gore Pass	SC	9400							
Granby	SC	8600							
Grizzly Peak	SNOTEL	11139	43	8.4	7.0	120%	4.1	59%	
Gros Ventre Summit	SNOTEL	8750	22	4.3	6.3	68%	3.0	48%	
Groundhog	SC	8940							
Gunsight Pass	SNOTEL	9820	29	5.4	6.0	90%	4.1	68%	
Hagerman Tunnel	SC	11150							
Hams Fork	SNOTEL	7840	24	4.4	4.6	96%	1.3	28%	
Haskins Creek	SC	8975							
Henrys Fork	SNOLITE	10182	25						
Hewinta	SNOTEL	9500	24	3.5	3.9	90%	2.5	64%	
Hickerson Park	SNOTEL	9122	24	3.3	3.0	110%	2.5	83%	
Hidden Valley	SC	8480	0	0.0	2.4	0%	2.9	121%	
High Lonesome	SNOTEL	10638	36	7.8			6.6		
Hole-in-Rock	SNOTEL	9168	20	2.7	3.0	90%	2.2	73%	
Huntington Horse	SNOTEL	9652	40	9.2			6.1		
Huntington-Horseshoe	SC	9657							
Idarado	SNOTEL	9812	30	5.3	5.5	96%	2.9	53%	
Independence Pass	SC	10600			5.2				
Independence Pass	SNOTEL	10598	36	7.1	7.2	99%	4.5	63%	
Indian Creek	SNOTEL	9425	44	8.8	10.0	88%	6.0	60%	
Ironton Park	SC	9600							
Ivanhoe	SNOTEL	10541	36	7.9	5.9	134%	6.2	105%	
Jones Pass	SNOTEL	10426	29	6.5	6.0	108%	4.6	77%	
Jones Pass	SC	10400							
Kelley R.S.	SNOTEL	8180	33	6.1	6.0	102%	4.3	72%	
Kendall R.S.	SNOTEL	7740	28	4.8	5.2	92%	1.5	29%	
Keystone	SC	9960							
Kiln	SNOTEL	9624	24	5.8	4.8	121%	4.6	96%	
Kings Cabin	SNOTEL	8728	15	2.7	3.4	79%	1.6	47%	
Lake City	SC	10160							
Lake Irene	SC	10700							
Lake Irene	SNOTEL	10682	42	8.5	9.2	92%	6.1	66%	
Lakefork #1	SNOTEL	10128	21	4.3	5.4	80%	2.7	50%	
Lakefork #3	SNOTEL	8464	8	1.4	2.7	52%	1.3	48%	
Lakefork Basin	SNOTEL	10885	41	8.2	7.6	108%	4.4	58%	
Lapland	SC	9300							
Larsen Creek	SC	9020							
Larsen Creek	SNOTEL	9000	10	2.4	2.9	83%	1.6	55%	
Lasal Mountain	SNOTEL	9578	21	5.1	4.6	111%	3.7	80%	
Lasal Mountain-Lower	SC	8825							
Lasal Mountain-Lower	SNOTEL	8783	12	3.3			3.1		
Lemon Reservoir	SC	8700							
Little Snake River	SNOTEL	8928	41	9.0	10.4	87%	7.2	69%	
Lizard Head Pass	SNOTEL	10193	32	7.2	6.2	116%	4.4	71%	
Lone Cone	SNOTEL	9755	28	5.3	6.4	83%	4.0	63%	
Lonesome Beaver	SNOTEL	9410	2	0.9			1.2		
Loomis Park	SNOTEL	8240	31	5.9	6.6	89%	3.4	52%	
Lost Dog	SNOTEL	9327	44	7.6	8.8	86%	6.6	75%	
Lostman	SC	10626							

Lynx Pass	SNOTEL	8919	21	4.0	4.6	87%	3.2	70%
Mammoth-Cottonwood	SNOTEL	8709	32	6.2	7.2	86%	5.0	69%
Mancos	SNOTEL	10044	12	2.5	5.6	45%	4.2	75%
Mc Clure Pass	SNOTEL	8774	27	6.1	6.6	92%	4.7	71%
Mc Kenzie Gulch	SC	8500						
Mccoy Park	SNOTEL	9516	28	5.9	5.6	105%	5.1	91%
Mesa Lakes	SC	10000						
Mesa Lakes	SNOTEL	10168	24	5.7	6.4	89%	5.0	78%
Middle Fork Camp	SNOTEL	8969	20	4.6	4.9	94%	3.7	76%
Middle Fork Campground	SC	9000						
Milner Pass	SC	9750						
Mineral Creek	SNOTEL	10046	31	6.7	6.0	112%	3.8	63%
Missionary Spring	SC	7940	0	0.0	1.1	0%	0.0	0%
Molas Lake	SNOTEL	10631	33	7.9	7.9	100%	3.4	43%
Monarch Offshoot	SC	10500						
Mosby Mtn.	SNOTEL	9553	23	4.5	4.6	98%	1.6	35%
Mt Baldy	SNOTEL	9524	37	9.6			5.8	
Mt Pennell	SNOTEL	9209	3	1.0			1.6	
Nast Lake	SC	8700						
Nast Lake	SNOTEL	8731	21	4.4	3.2	138%	4.0	125%
Navajo Whiskey Ck	SNOTEL	9064	1	0.4	3.9	10%	2.9	74%
New Fork Lake	SNOTEL	8340	23	4.4	4.6	96%	2.3	50%
North Inlet Grand Lake	SC	9000						
North Lost Trail	SNOTEL	9219	30	6.7	6.0	112%	6.4	107%
Old Battle	SNOTEL	9860		10.5	12.4	85%	7.6	61%
Overland Res.	SNOTEL	9893	19	4.5	5.2	87%	3.1	60%
Park Cone	SNOTEL	9621	22	4.6	4.0	115%	3.9	98%
Park Cone	SC	9600						
Park Reservoir	SNOTEL	9987	31	7.3	9.5	77%	6.8	72%
Phantom Valley	SNOTEL	9045	19	3.5	4.2	83%	2.3	55%
Pocket Creek	SC	9350						
Pocket Creek	SNOTEL	9360		3.8				
Porphyry Creek	SC	10760						
Porphyry Creek	SNOTEL	10788	37	9.0	6.2	145%	5.4	87%
Rabbit Ears	SNOTEL	9411	36	9.5	9.8	97%	7.4	76%
Ranch Creek	SC	9400						
Red Mountain Pass	SNOTEL	11080	44	10.1	9.6	105%	6.3	66%
Red Pine Ridge	SNOTEL	8988	32	6.4	5.2	123%	2.8	54%
Rio Blanco	SC	8500						
Ripple Creek	SNOTEL	10350	44	9.9	10.2	97%	8.0	78%
Rock Creek	SNOTEL	7886	14	2.4	2.9	83%	1.5	52%
Rowdy Creek	SC	8300						
Sage Creek Basin	SNOTEL	7850	25	4.0	5.7	70%	2.6	46%
Sandstone RS	SNOTEL	8152	27	5.7	5.0	114%	4.8	96%
Sargents Mesa	SNOTEL	11499	19	4.2	4.2	100%	2.3	55%
Schofield Pass	SNOTEL	10653	47	11.5	12.8	90%	9.2	72%
Scotch Creek	SNOTEL	9195	21	5.3	4.2	126%	3.3	79%
Seeley Creek	SNOTEL	9904	22	5.0	4.9	102%	2.8	57%
Sharkstooth	SNOTEL	10747	26	5.4	7.4	73%	4.4	59%
Shrine Pass	SC	10700						
Slumgullion	SNOTEL	11560	33	6.8	6.5	105%	3.7	57%
Snake River	SC	10000						
Snider Basin	SNOTEL	8060	31	5.0	5.1	98%	2.4	47%

Spirit Lk	SNOTEL	10235	29	4.8	5.1	94%	2.8	55%
Spring Creek Divide	SNOTEL	9000	51	8.8	10.2	86%	7.0	69%
Spud Mountain	SNOTEL	10674	40	8.1	10.4	78%	5.5	53%
Steel Creek Park	SNOTEL	10158	33	7.3	6.1	120%	4.6	75%
Stillwater Creek	SNOTEL	8880	13	2.2			2.0	
Strawberry Divide	SNOTEL	8123	31	6.4	5.6	114%	4.2	75%
Stump Lakes	SNOTEL	11248	32	7.9	7.6	104%	5.3	70%
Summit Ranch	SNOTEL	9371	28	5.6	4.5	124%	3.1	69%
Sunflower Flat	SNOTEL	10018	4	1.6			1.1	
Telluride	SC	8800						
Tennessee Pass #2	SC	10280						
Timberline	SNOTEL	8736	12	2.1	3.8	55%	1.4	37%
Tower	SNOTEL	10620	64	17.5	16.8	104%	12.4	74%
Trapper Lake	SNOTEL	9759	19	4.8			5.2	
Trial Lake	SNOTEL	9992	46	7.9	8.4	94%	4.9	58%
Trial Lake	SC	9953						
Triple Peak	SNOTEL	8500	54	10.6	8.8	120%	6.1	69%
Trout Creek	SNOTEL	9518	17	3.1	3.2	97%	2.1	66%
Trout Lake #2	SC	9780						
Tsaile Canyon #1	SC	8160	0	0.0	2.4	0%	3.4	142%
Tsaile Canyon #3	SC	8920	2	0.5	3.8	13%	2.9	76%
Upper Joes Valley	SNOTEL	8596	23	4.2			1.9	
Upper San Juan	SNOTEL	10140	30	6.9	11.8	58%	6.7	57%
Upper San Juan	SC	10200						
Upper Taylor	SNOTEL	10717	30	6.0	5.6	107%	4.4	79%
Vail Mountain	SNOTEL	10310	35	6.9	7.4	93%	5.5	74%
Vallecito	SNOTEL	10782	28	4.8	6.2	77%	5.0	81%
Vasquez	SC	9600						
Wager Gulch	SNOTEL	11132	26	6.4			2.7	
Weminuche Creek	SNOTEL	10749	30	6.2	7.6	82%	5.8	76%
Whiskey Creek	SC	9050	0	0.0	3.4	0%	2.5	74%
Whiskey Park	SNOTEL	9020	47	10.5	9.8	107%	8.4	86%
White River #1	SNOTEL	8641	26	5.2	4.6	113%	3.2	70%
Widtsoe #3	SNOTEL	9640	9	1.8	4.2	43%	1.5	36%
Wilbur Bench	SNOTEL	9171	15	2.9	4.0	73%	2.4	60%
Willow Creek Pass	SC	9540						
Willow Creek Pass	SNOTEL	9523	25	5.3	5.8	91%	5.1	88%
Wolf Creek Peak	SNOTEL	9796	34	6.6			4.4	
Wolf Creek Summit	SNOTEL	10957	40	10.5	14.5	72%	7.7	53%
Wrigley Creek	SNOTEL	9327	20	3.7			1.8	
Wurtz Lower	SC	10690						
Yampa View	SC	8200						
Basin Index						91%		67%
# of sites						137		137

Chuska - Defiance	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Spring	SNOTEL	9255	0	0.0	4.2	0%	3.7	88%
Beaver Spring	SC	9220	0	0.0	3.6	0%	2.8	78%
Bowl Canyon	SC	8980	0	0.0	3.4	0%	3.8	112%
Fluted Rock	SC	7800	0	0.0	0.9	0%	1.4	156%
Hidden Valley	SC	8480	0	0.0	2.4	0%	2.9	121%

Missionary Spring	SC	7940	0	0.0	1.1	0%	0.0	0%
Navajo Whiskey Ck	SNOTEL	9064	1	0.4	3.9	10%	2.9	74%
Tsaile Canyon #1	SC	8160	0	0.0	2.4	0%	3.4	142%
Tsaile Canyon #3	SC	8920	2	0.5	3.8	13%	2.9	76%
Whiskey Creek	SC	9050	0	0.0	3.4	0%	2.5	74%
Basin Index						3%	90%	
# of sites						10	10	

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Streamflow Forecast Summary: January 1, 2025
(Medians based On 1991-2020 reference period)

Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Gila	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
San Francisco R at Glenwood ²	JAN-MAY	3.7	6	8.3	45%	15.2	34	18.5
Gila R at Gila ²	JAN-MAY	15.2	16.8	21	40%	39	72	52
Gila R nr Solomon ²	JAN	0.39	3	7.1	44%	14	30	16
	JAN-MAY	26	31	42	40%	66	161	106
Gila R bl Blue Ck nr Virden ²	JAN-MAY	14.6	23	31	48%	56	101	64
San Francisco R at Clifton ²	JAN-MAY	11.7	16.7	24	55%	47	99	44
San Carlos Reservoir Inflow ²	JAN-MAY	2.8	14.1	34	47%	71	192	73

1) 90% And 10% exceedance probabilities are actually 95% And 5%

2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Salt	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Salt R nr Roosevelt ²	JAN	8.5	9.9	11.4	52%	22	70	22
	JAN-MAY	43	54	64	26%	119	235	250
	MAR-MAY	26	32	53	30%	85	163	179
Tonto Ck ab Gun Ck nr Roosevelt	JAN	0.4	0.74	2.1	55%	7.6	27	3.8
	JAN-MAY	1.97	2.5	5.5	14%	15	46	39

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Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Verde	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Verde R bl Tangle Ck ab Horseshoe Dam ²	JAN	13.8	16.6	19.4	81%	34	105	24
	JAN-MAY	24	46	92	59%	153	270	155

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Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Little Colorado	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Zuni R ab Black Rock Reservoir	JAN-MAY	0.01	0.02	0.04	31%	0.23	0.61	0.13
Bowl Canyon Ck ab Asaayi Lake ²	MAR-MAY	0.15	0.26	0.35	43%	0.73	1.38	0.82
Blue Ridge Reservoir Inflow ²	JAN-MAY	0.01	0.03	2.6	21%	7.3	19.2	12.6
Rio Nutria nr Ramah ²	JAN-MAY	0.01	0.05	0.22	30%	0.53	1.41	0.73
Lake Mary Reservoir Inflow ²	JAN-MAY	1.44	1.62	1.8	40%	5.1	7.6	4.5
Little Colorado R ab Lyman Lake ²	JAN-JUN	0.72	1.08	1.45	25%	2.4	4.9	5.9

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Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Lower Colorado Mainstem	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Virgin R at Virgin ²	APR-JUL	9.2	20	30	83%	45	73	36
Virgin R at Littlefield ²	APR-JUL	3.1	16	30	91%	49	87	33
Virgin R nr Hurricane ²	APR-JUL	7.2	15.2	26	84%	44	73	31
Lake Powell Inflow ²	APR-JUL	2620	4190	5460	89%	6900	9330	6130
Santa Clara R nr Pine Valley	APR-JUL	0.31	1.33	2.5	78%	4.3	8.4	3.2

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Forecast Exceedance Probabilities For Risk Assessment
Chance that actual volume will exceed forecast

Upper Colorado	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Colorado R nr Cameo ²	APR-JUL	1270	1740	2100	95%	2490	3130	2210
Wheatfields Ck nr Wheatfields ²	MAR-MAY	0.1	0.22	0.33	40%	1.13	2.1	0.83
Lake Fk R bl Moon Lk nr Mountain Home ²	APR-JUL	30	41	49	86%	58	73	57

White R bl Tabbyune Creek								
	APR-JUL	3.2	7.8	12	167%	17.1	26	7.2
Little Snake R nr Slater ²								
	APR-JUL	76	109	135	88%	164	210	153
Yampa R ab Stagecoach Reservoir ²								
	APR-JUL	11	19.2	26	113%	34	47	23
Viva Naughton Reservoir Inflow ²								
	APR-JUL	22	40	56	85%	74	105	66
East R at Almont								
	APR-JUL	101	142	175	108%	210	270	162
Colorado R nr Kremmling ²								
	APR-JUL	485	670	810	99%	965	1220	820
Fontenelle Reservoir Inflow ²								
	APR-JUL	270	440	580	85%	740	1010	685
San Miguel R nr Placerville								
	APR-JUL	77	101	120	99%	140	173	121
Lake Fk at Gateview								
	APR-JUL	80	104	122	102%	141	173	120
New Fork R nr Big Piney								
	APR-JUL	151	230	290	95%	360	475	305
Seven Mile Ck nr Fish Lake								
	APR-JUL	3.9	5.5	6.8	111%	8.2	10.4	6.1
Joes Valley Reservoir Inflow ²								
	APR-JUL	31	43	51	116%	60	75	44
Little Snake R nr Lily ²								
	APR-JUL	104	183	250	91%	325	460	275
Big Brush Ck ab Red Fleet Reservoir								
	APR-JUL	7.2	12.7	16.5	84%	20	26	19.7
Little Snake R nr Dixon ²								
	APR-JUL	101	166	220	75%	280	385	295
Green Mountain Reservoir Inflow ²								
	APR-JUL	192	255	300	111%	350	435	270
Tomichi Ck at Sargents								
	APR-JUL	14.6	26	35	125%	46	64	28
Roaring Fk at Glenwood Springs ²								
	APR-JUL	390	520	620	97%	730	905	640
Whiterocks R nr Whiterocks								
	APR-JUL	17.1	27	35	81%	44	59	43
Ridgway Reservoir Inflow ²								
	APR-JUL	60	78	92	97%	107	132	95
Colorado R nr Cisco ²								
	APR-JUL	2070	3000	3730	99%	4540	5870	3750
Price R nr Scofield Reservoir ²								
	APR-JUL	14.2	24	33	127%	43	60	26
Willow Ck Reservoir Inflow ²								
	APR-JUL	19.3	31	40	83%	50	68	48
Pine Ck ab Fremont Lake								
	APR-JUL	60	77	88	89%	99	116	99
Elk R nr Milner								
	APR-JUL	196	280	340	101%	400	485	335
Tomichi Ck at Gunnison								
	APR-JUL	27	50	70	121%	93	132	58
Taylor Park Reservoir Inflow ²								
	APR-JUL	57	78	95	117%	113	143	81

Paonia Reservoir Inflow ²	MAR-JUN	26	45	62	90%	81	114	69
Fish Ck ab Reservoir nr Scofield	APR-JUL	10.9	18.1	24	121%	31	42	19.8
Ferron Ck (Upper Station) nr Ferron	APR-JUL	20	28	33	103%	39	48	32
Green R at Warren Bridge	APR-JUL	106	162	200	85%	240	295	235
Lake Granby Inflow ²	APR-JUL	130	170	200	89%	235	285	225
White R nr Meeker	APR-JUL	148	200	240	94%	285	355	255
San Juan R nr Carracas ²	APR-JUL	123	196	255	76%	320	435	335
Ruedi Reservoir Inflow ²	APR-JUL	90	116	136	105%	158	192	129
Mill Ck at Sheley Tunnel nr Moab	APR-JUL	1.09	2.3	3.3	100%	4.5	6.7	3.3
Green R at Green River, UT ²	APR-JUL	1160	1780	2280	87%	2840	3780	2610
Electric Lake Inflow ²	APR-JUL	5.4	8.8	11.5	139%	14.6	19.9	8.3
Hams Fk bl Pole Ck nr Frontier	APR-JUL	20	32	42	82%	53	72	51
Duchesne R nr Tabiona ²	APR-JUL	45	66	82	94%	100	130	87
Lake Powell Inflow ²	APR-JUL	2620	4190	5460	89%	6900	9330	6130
Animas R at Durango	APR-JUL	230	320	385	103%	460	580	375
Wolford Mtn Reservoir Inflow ²	APR-JUL	25	38	48	94%	59	78	51
Slate R nr Crested Butte	APR-JUL	52	68	80	105%	93	115	76
Green R nr Green River, WY ²	APR-JUL	250	425	570	82%	735	1020	695
Dolores R at Dolores	APR-JUL	112	169	215	105%	265	350	205
Ashley Ck nr Vernal	APR-JUL	17.7	30	39	91%	48	60	43
Uncompahgre R at Colona ²	APR-JUL	71	98	119	94%	142	180	126
Currant Ck Reservoir Inflow ²	APR-JUL	4.1	8.8	13	109%	18	27	11.9
Dillon Reservoir Inflow ²	APR-JUL	112	151	180	110%	210	265	163
Flaming Gorge Reservoir Inflow ²	APR-JUL	375	600	785	79%	995	1350	990
WF Duchesne R at VAT Diversion ²	APR-JUL	6.7	10.2	13	90%	16.1	21	14.5
NF Gunnison R nr Somerset ²	APR-JUL	119	175	220	96%	270	350	230
Pine Ck nr Escalante								

Colorado R nr Dotsero ²	APR-JUL	0.41	0.98	1.5	92%	2.1	3.3	1.63
Uinta R bl Powerplant Diversion nr Neola	APR-JUL	765	1070	1300	97%	1560	1970	1340
Big Sandy R nr Farson	APR-JUL	23	38	51	80%	66	91	64
Blacks Fk nr Robertson	APR-JUL	19.6	32	40	89%	48	60	45
Upper Stillwater Reservoir Inflow ²	APR-JUL	49	70	85	93%	100	121	91
Gunnison R near Gunnison ²	APR-JUL	33	49	62	91%	76	100	68
Duchesne R nr Randlett ²	APR-JUL	181	270	340	108%	420	550	315
Strawberry R nr Duchesne ²	APR-JUL	62	144	220	86%	310	475	255
Surface Ck at Cedaredge	APR-JUL	13.9	42	69	130%	103	166	53
Cochetopa Ck bl Rock Ck nr Parlin	APR-JUL	4.9	7.7	10	79%	12.6	17	12.7
Rock Ck nr Mountain Home ²	APR-JUL	4.8	10.2	15	122%	21	31	12.3
Yellowstone R nr Altonah	APR-JUL	41	57	70	90%	84	107	78
Vallecito Reservoir Inflow ²	APR-JUL	25	36	45	80%	54	70	56
Rio Blanco at Blanco Diversion ²	APR-JUL	100	140	170	101%	205	260	169
Flaming Gorge Resvr Local Bl Fontenelle ²	APR-JUL	19.9	30	38	79%	47	62	48
Mancos R nr Mancos ²								
San Juan R near Bluff ²	APR-JUL	3.2	8.2	13	82%	18.8	29	15.9
McPhee Reservoir Inflow ²	APR-JUL	380	630	840	94%	1080	1480	895
Williams Fk bl Williams Fk Reservoir ²	APR-JUL	111	185	245	104%	315	430	235
Elkhead Ck ab Long Gulch	APR-JUL	64	85	100	109%	117	144	92
Eagle R bl Gypsum ²	APR-JUL	31	50	65	93%	82	111	70
Yampa R nr Maybell ²	APR-JUL	225	300	360	114%	425	525	315
Duchesne R at Myton ²	APR-JUL	470	720	890	100%	1060	1310	890
Muddy Ck nr Emery	APR-JUL	63	135	200	93%	275	415	215
Navajo R bl Oso Diversion ²	APR-JUL	9	13.2	16.5	101%	20	26	16.3
South Ck ab Resv nr Monticello	APR-JUL	21	33	43	77%	54	72	56

Lemon Reservoir Inflow ²	APR-JUL	0	0.1	0.35	85%	0.76	1.63	0.41
Gunnison R nr Grand Junction ²	APR-JUL	24	36	45	100%	55	72	45
Navajo Reservoir Inflow ²	APR-JUL	610	940	1210	98%	1510	2020	1240
Piedra R nr Arboles	APR-JUL	270	440	580	92%	740	1010	630
La Plata R at Hesperus	APR-JUL	69	114	150	86%	191	260	175
Duchesne R ab Knight Diversion ²	APR-JUL	7.3	12.5	16.8	89%	22	30	18.8
Strawberry R nr Soldier Springs ²	APR-JUL	85	122	151	93%	183	235	162
Huntington Ck nr Huntington ²	APR-JUL	10.8	27	43	119%	62	97	36
Yampa R at Steamboat Springs ²	APR-JUL	26	37	45	125%	54	70	36
Blue Mesa Reservoir Inflow ²	APR-JUL	155	215	260	102%	305	365	255
Stateline Reservoir Inflow ²	APR-JUL	350	520	655	114%	805	1050	575
Captain Tom Wash nr Two Gray Hills ²	APR-JUL	14.2	19.2	23	88%	27	34	26
	MAR-MAY	0.02	0.06	0.25	40%	1.06	3.7	0.62

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