

## **New Mexico Water Supply Outlook Report January 1, 2023**



*Measuring conditions at the State Line Snow Course in the San Francisco basin near Luna, New Mexico on December 29<sup>th</sup>, 2023. Snow Water Equivalent [SWE] at this site was 71% of the reference period median at the time of this survey.*

# Basin Outlook Reports

## and

## Federal - State - Private

## Cooperative Snow Surveys

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<https://www.nrcs.usda.gov/conservation-basics/conservation-by-state/new-mexico/new-mexico-snow-survey>

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### ***How forecasts are made***

Most of the annual streamflow in the western United States 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 SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge 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 others can be interpreted similarly.

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 if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount). By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

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## **January 1, 2023 Summary**

In general, New Mexico's soils retained more moisture going into this winter compared to previous years thanks to ample summer precipitation during the robust 2022 monsoon season across the U.S. Southwest. This has the potential to substantially improve the efficiency of snowmelt translating into observed streamflow during the spring runoff period when compared to previous years. However, as precipitation events further into Water Year 2023 transitioned from rain to snowfall in late November and early December, accumulation of these frozen reservoirs have begun to paint a less optimistic picture for overall winter contributions to water availability in New Mexico.

Early season snowfall has favored the San Juan mountains in Colorado while drier conditions have persisted throughout the Jemez and Sangre de Cristo mountains feeding into the Chama-Rio Grande, Canadian, and Pecos basins as well as the more southern mountain ranges throughout the state. While some mountain soil moisture deficits persist across the state, these are not as significant as in recent years. Fall streamflow also reflected increased baseflow compared to recent years. Both soil moisture conditions and groundwater storage benefitted greatly from the robust monsoon this past summer. While these factors indicate a higher baseline for spring snowmelt conditions compared to January 2022, there is still a lot of time for the water supply picture to change throughout the winter. The continuation of La Niña conditions entering this third consecutive winter season does not generally favor high winter precipitation for this region. Nevertheless, there is still considerable uncertainty in how the rest of the winter and spring will come to pass, as future weather is a major source of uncertainty in NRCS streamflow forecast models.

Additionally, please note that these forecasts are based on data as of January 1 and do not include the storm event that significantly boosted statewide snowpack in the first days of the new year or any such events following forecast publication cutoffs. As of January 1, regional snowpack is



lower than it was at the end of December 2021, particularly in the southern and eastern basins. However, water year total precipitation is considerably higher in these basins than last year when considering both snow and rainfall. Save for a relatively dry November, monthly precipitation has been above median since June. Last year, an extremely dry period January-May resulted in very low streamflow runoff in many New Mexico basins. While improved antecedent moisture conditions may help buffer some against future dry periods, uncertainty remains in how future weather will impact this year's runoff.

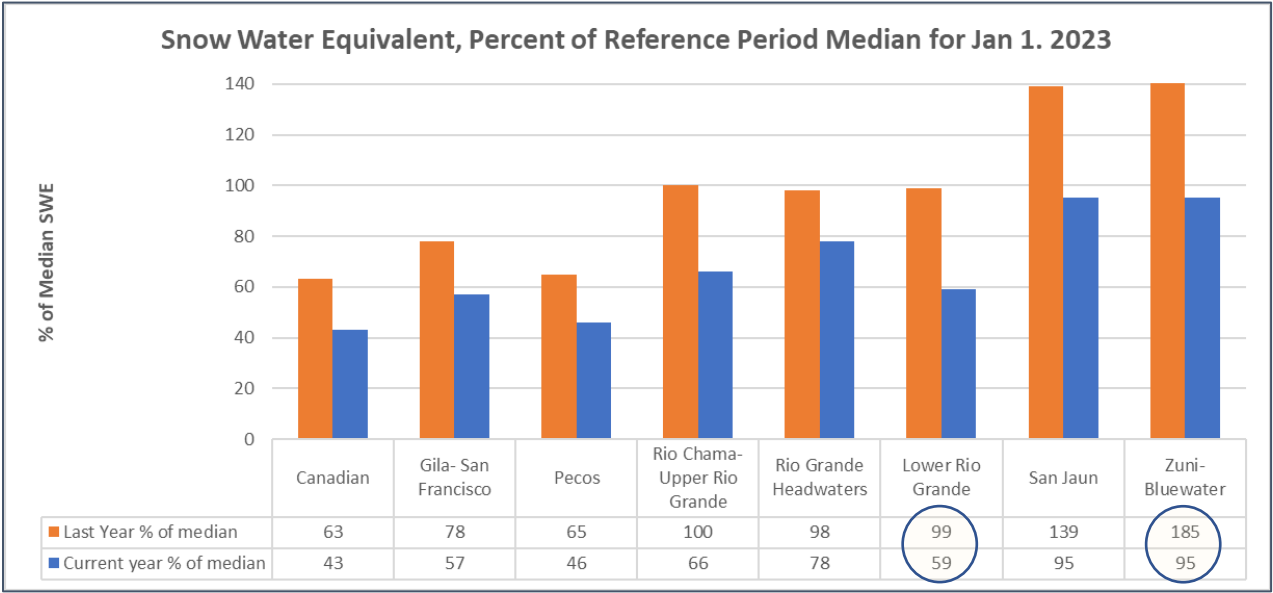
Some notable changes have been made to the layout of this report, as improvements to data delivery are an ongoing priority for NRCS New Mexico. Some smaller watersheds have been aggregated into the larger state water supply basins for simplicity of summary reporting.

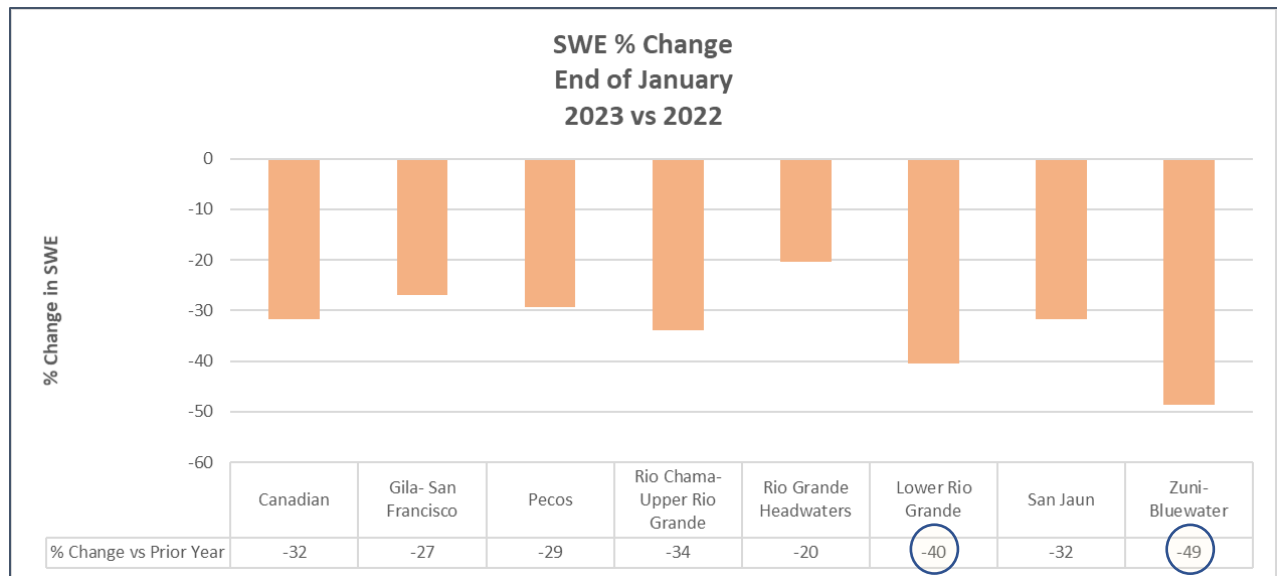


*Performing manual ground-truthing measurements at McKnight Cabin SNOTEL above the Mimbres basin on December 30<sup>th</sup>, 2023. SWE at the site stacked up to 29% of the reference period median.*

## Snowpack

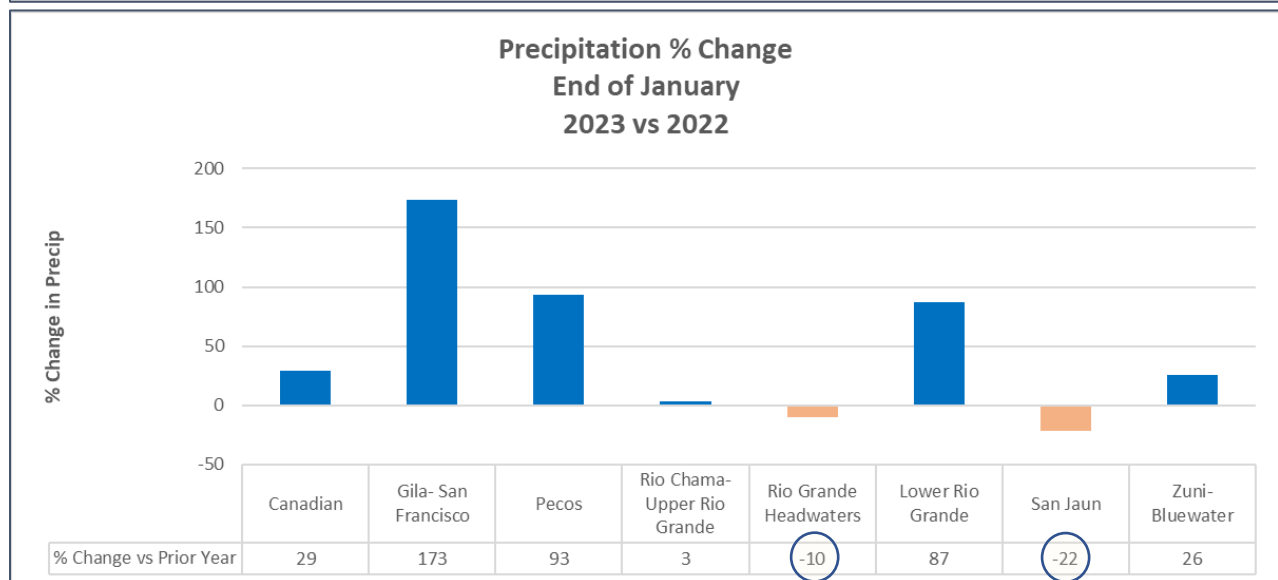
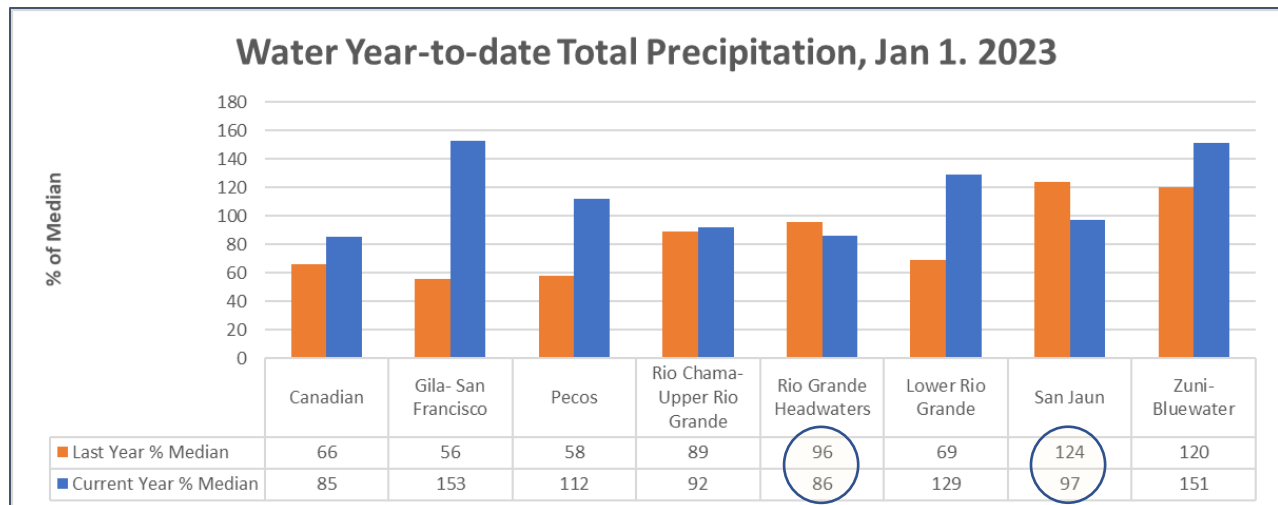
The early effects of another La Niña winter in New Mexico are becoming evident across the state’s major water supply basins. Snow accumulation has been highest in the northern mountains, with sparse snowfall elsewhere in the state. Notably, the storm cycle which occurred in the first days of the new year will not be reflected in this month’s report, as data inputs are current on the final day of the month prior to each NRCS Water Supply Outlook publication. Snowpack levels ranged from a high of 95 percent of median Snow Water Equivalent [SWE] in the Zuni-Bluewater and San Juan to a low of 43 percent of median in the Canadian basin. The largest decrease in SWE as compared to the January 1 reporting period in 2022 was recorded in the Zuni-Bluewater basin, with a decrease of 49 percent of median SWE when compared to last year. As noted in the summary, many smaller basins which have previously been summarized as stand-alone systems are now aggregated within the larger watersheds to which their surface water inputs contribute. More detailed reporting of conditions within each basin where NRCS Snow Water Equivalent measurements are recorded in New Mexico can be viewed in the attached tables under the Basinwide Snowpack Summary.





## Precipitation

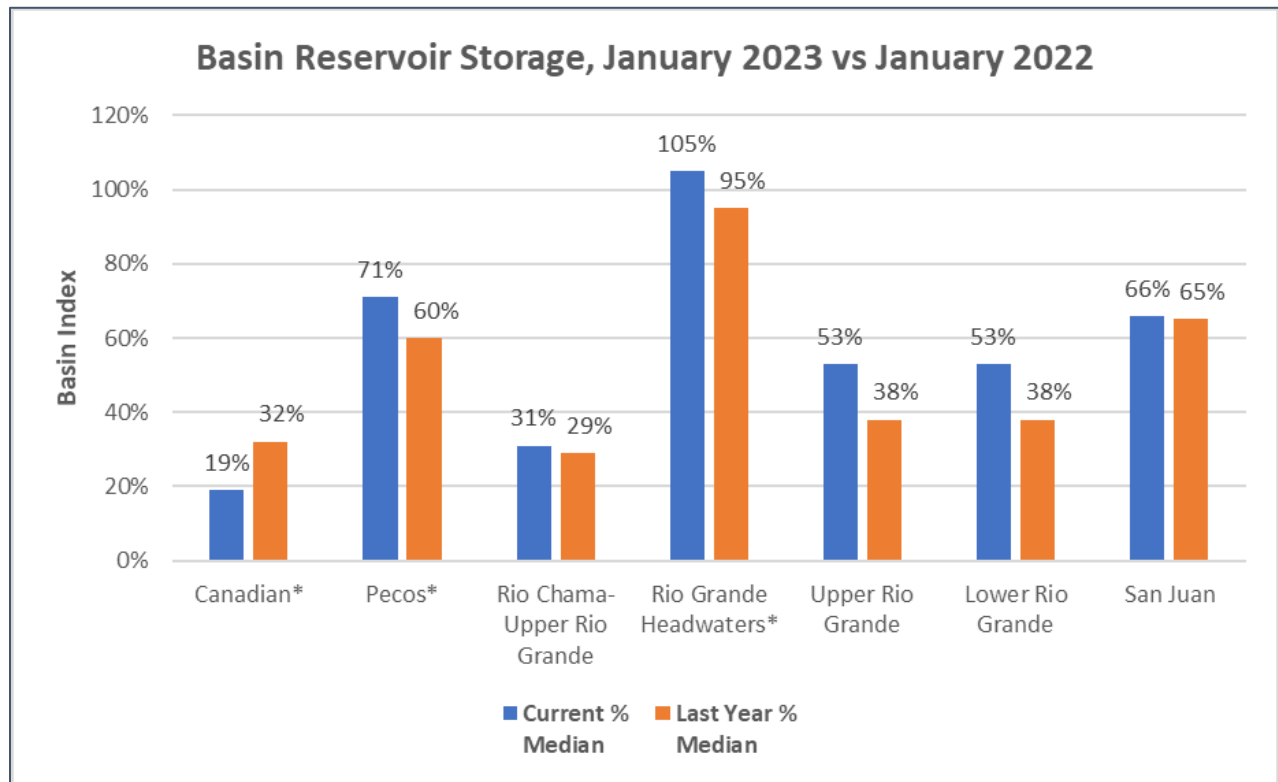
Water year-to-date precipitation for January 1 shows nearly an opposite trend from recorded snowpack conditions throughout New Mexico. Robust late monsoonal rainfall between October 1 and the start of snow accumulation was concentrated in the southern portion of the state. Notably, the Gila-San Francisco combined basin received more than 150 percent change of median cumulative precipitation over January 1 totals in water year 2022. Further countering regional snow distribution trends, the Rio Grande Headwaters and inclusive San Juan basin have received comparatively less overall precipitation than values measured through January 1, 2022. The larger shortfall has been seen in the San Juan basin, with a decrease of 22 percent of median compared to last year. As with other climate variables described in this report, there have been some changes to the basin and sub-basin aggregation of smaller watersheds throughout the state for this and future reports. This new format is intended to be more intuitive for users. Specific recorded totals for each New Mexico sub-basin can be seen in the tables included in the Basinwide Precipitation Summary below.



## Reservoirs

Reservoir systems with complete reporting are showing increased or stable levels when compared using percent of total capacity and percent of median volumes. Missing values from a number of storage reservoirs in the Canadian, Pecos, and Rio Grande Headwaters systems prevent a complete account of the current statewide water storage situation with respect to prior years' reporting. Water-users should continue to monitor reservoir management decisions and cumulative weather conditions to evaluate water use plans as the winter progresses and reservoir volumes increase toward annual peaks.

Basinwide Summary: January 1, 2023 (Medians based on 1991- 2020 reference period)	Reservoir Storage Summary for the End of December 2023				
	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Canadian*	10%	17%	52%	19%	32%
Pecos*	4%	4%	6%	71%	60%
Rio Chama- Upper Rio Grande	8%	8%	26%	31%	29%
Rio Grande Headwaters*	24%	22%	22%	105%	95%
Upper Rio Grande	11%	7%	20%	53%	38%
Lower Rio Grande	8%	7%	20%	53%	38%
San Juan	50%	49%	76%	66%	65%



\*January 1, 2023 reservoir volumes unavailable (by basin): Eagle Nest Lake near Eagle Nest, NM (Canadian), Lake Avalon (Pecos), La Jara Reservoir (Rio Grande Headwaters).



## Streamflow

As noted in the summary for this report, January 1 forecasts are intended for advisory reference only. Uncertainty in future winter weather conditions is too great to form accurate predictions of spring snowmelt, runoff, and ultimately streamflow conditions. The bulk of NRCS Snow Survey Data for Water Year 2023 still remains to be collected as the season progresses. As conditions move toward peak SWE in the region's mountains, forecast skill is expected to improve significantly. Additionally, this is the second year during which the seasonal streamflow normals have been updated to the Water Year 1991-2020 reference period with redeveloped statistical models using this same calibration period. NRCS is also using the median as the preferred measure of central tendency for reporting throughout all climate variables reported. The general result is that streamflow normals have changed and are generally lower than what has been used for the decade prior to these shifts, particularly in more arid areas. Please use this [online tool](#)<sup>1</sup> to investigate changes for specific forecast points, and know that 100% of normal may not refer to the same exceedance probabilities as those reported prior to Water Year 2022.

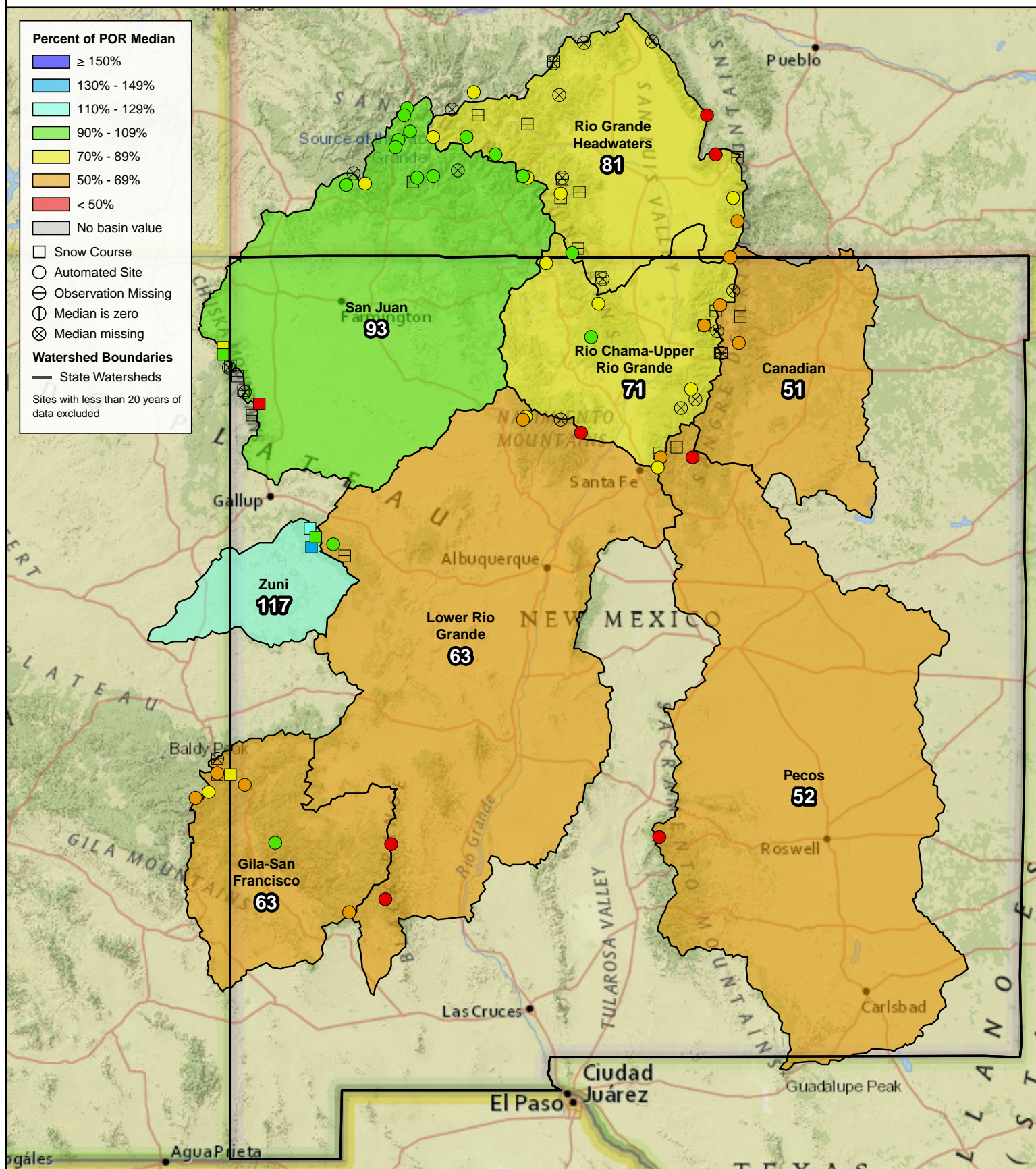
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<sup>1</sup> [https://www.wcc.nrcs.usda.gov/ftpref/support/srvo\\_norms\\_comps/](https://www.wcc.nrcs.usda.gov/ftpref/support/srvo_norms_comps/)

Snow Water Equivalent

Percent of POR Median

End of December, 2022



Natural Resources  
Conservation Service  
United States Department of Agriculture



0 10 20 40 60 80 100 Miles

Created 1-10-2023

**Basinwide Summary: January 1, 2023**  
**(Medians based On 1991-2020 reference period)**

**Snowpack Summary For January 1, 2023**

Canadian	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Aztec #2	SC	9880			1.5			
Hematite Park	SC	9500						
North Costilla	SNOTEL	10598	5	1.1	3.3	33%	1.0	30%
Palo	SNOTEL	9343	5	1.3	3.1	42%	2.6	84%
Palo	SC	9300						
Red River Pass #2	SNOTEL	9855	7	1.7	3.8	45%	2.0	53%
Shuree	SNOTEL	10092	5	1.0	2.6	38%	2.4	92%
Taos Canyon	SC	9100					0.0	
Tolby	SNOTEL	10220	8	2.0	3.8	53%	2.6	68%
Wesner Springs	SNOTEL	11151	13	2.9	6.6	44%	4.1	62%
<b>Basin Index</b>						<b>43%</b>		<b>63%</b>
# of sites						6		6

Canadian Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Aztec #2	SC	9880			1.5			
Hematite Park	SC	9500						
North Costilla	SNOTEL	10598	5	1.1	3.3	33%	1.0	30%
Palo	SNOTEL	9343	5	1.3	3.1	42%	2.6	84%
Palo	SC	9300						
Red River Pass #2	SNOTEL	9855	7	1.7	3.8	45%	2.0	53%
Shuree	SNOTEL	10092	5	1.0	2.6	38%	2.4	92%
Taos Canyon	SC	9100					0.0	
Tolby	SNOTEL	10220	8	2.0	3.8	53%	2.6	68%
<b>Basin Index</b>						<b>43%</b>		<b>64%</b>
# of sites						5		5

Gila-San Francisco	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Head	SNOTEL	8076	2	1.4	2.0	70%	0.8	40%
Coronado Trail	SC	8350			0.5			
Coronado Trail	SNOTEL	8418	2	0.8	1.4	57%	1.3	93%
Frisco Divide	SNOTEL	8013	2	0.7	1.3	54%	1.0	77%
Hannagan Meadows	SNOTEL	9027	10	2.5	4.8	52%	4.3	90%
Lookout Mountain	SNOTEL	8509	1	0.2	1.2	17%	0.4	33%
Nutriosio	SC	8500			0.2			
Nutriosio	SNOTEL	8571	1	0.1	0.8	13%	1.0	125%
Signal Peak	SNOTEL	8405	2	0.8	1.6	50%	1.5	94%
Silver Creek Divide	SNOTEL	9096	11	2.7	3.1	87%	2.4	77%
State Line	SC	8000	3	0.5	0.7	71%		
<b>Basin Index</b>						<b>57%</b>		<b>78%</b>
# of sites						8		8

San Francisco	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Head	SNOTEL	8076	2	1.4	2.0	70%	0.8	40%
Coronado Trail	SC	8350			0.5			
Coronado Trail	SNOTEL	8418	2	0.8	1.4	57%	1.3	93%
Frisco Divide	SNOTEL	8013	2	0.7	1.3	54%	1.0	77%
Hannagan Meadows	SNOTEL	9027	10	2.5	4.8	52%	4.3	90%
Nutriosio	SC	8500			0.2			

Nutriosio	SNOTEL	8571	1	0.1	0.8	13%	1.0	125%
Silver Creek Divide	SNOTEL	9096	11	2.7	3.1	87%	2.4	77%
State Line	SC	8000	3	0.5	0.7	71%		

<b>Basin Index</b>						<b>61%</b>		<b>81%</b>
# of sites						6		6

Upper Gila	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Lookout Mountain	SNOTEL	8509	1	0.2	1.2	17%	0.4	33%
Signal Peak	SNOTEL	8405	2	0.8	1.6	50%	1.5	94%
Silver Creek Divide	SNOTEL	9096	11	2.7	3.1	87%	2.4	77%

<b>Basin Index</b>						<b>63%</b>		<b>73%</b>
# of sites						3		3

<b>Lower Rio Grande</b>	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boon	SC	8140	9	1.2	1.2	100%		
Elk Cabin	SNOTEL	8239	6	1.3	1.6	81%	1.9	119%
Garita Peak	SNOTEL	10115	8	2.4			3.5	
Lookout Mountain	SNOTEL	8509	1	0.2	1.2	17%	0.4	33%
Mcknight Cabin	SNOTEL	9242	2	0.5	1.7	29%	1.6	94%
Ojo Redondo	SC	8200						
Quemazon	SNOTEL	9507	6	1.4	3.8	37%	3.3	87%
Rice Park	SNOTEL	8497	9	1.9	2.0	95%	3.7	185%
Rio En Medio	SC	10300						
Santa Fe	SNOTEL	11465	15	3.6	6.1	59%	5.0	82%
Senorita Divide #2	SNOTEL	8569	10	1.6	2.8	57%	2.7	96%
Signal Peak	SNOTEL	8405	2	0.8	1.6	50%	1.5	94%
Vacas Locas	SNOTEL	9364	18	3.6	4.5	80%	5.0	111%

<b>Basin Index</b>						<b>59%</b>		<b>99%</b>
# of sites						9		9

Jemez	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Garita Peak	SNOTEL	10115	8	2.4			3.5	
Quemazon	SNOTEL	9507	6	1.4	3.8	37%	3.3	87%
Senorita Divide #2	SNOTEL	8569	10	1.6	2.8	57%	2.7	96%
Vacas Locas	SNOTEL	9364	18	3.6	4.5	80%	5.0	111%

<b>Basin Index</b>						<b>59%</b>		<b>99%</b>
# of sites						3		3

Mimbres	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Mcknight Cabin	SNOTEL	9242	2	0.5	1.7	29%	1.6	94%
Signal Peak	SNOTEL	8405	2	0.8	1.6	50%	1.5	94%

<b>Basin Index</b>						<b>39%</b>		<b>94%</b>
# of sites						2		2

<b>Pecos</b>	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	6	1.3	1.6	81%	1.9	119%
PanchueLa	SC	8400			1.4			
Rio En Medio	SC	10300						
Santa Fe	SNOTEL	11465	15	3.6	6.1	59%	5.0	82%
Sierra Blanca	SNOTEL	10268	3	0.7	4.2	17%	1.0	24%
Wesner Springs	SNOTEL	11151	13	2.9	6.6	44%	4.1	62%

<b>Basin Index</b>							<b>46%</b>	<b>65%</b>
# of sites							4	4
Pecos Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	6	1.3	1.6	81%	1.9	119%
PanchueLa	SC	8400			1.4			
Rio En Medio	SC	10300						
Santa Fe	SNOTEL	11465	15	3.6	6.1	59%	5.0	82%
Wesner Springs	SNOTEL	11151	13	2.9	6.6	44%	4.1	62%
<b>Basin Index</b>							<b>55%</b>	<b>77%</b>
# of sites							3	3
Rio Hondo	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Sierra Blanca	SNOTEL	10268	3	0.7	4.2	17%	1.0	24%
<b>Basin Index</b>							<b>17%</b>	<b>24%</b>
# of sites							1	1
Rio Chama-Upper Rio Grande	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Bateman	SNOTEL	9249	16	4.0	4.2	95%	5.9	140%
Chamita	SNOTEL	8383	16	3.0	4.0	75%	5.2	130%
Cumbres Trestle	SNOTEL	10035	40	10.4	10.1	103%	17.1	169%
Elk Cabin	SNOTEL	8239	6	1.3	1.6	81%	1.9	119%
Gallegos Peak	SNOTEL	9480	13	3.4	4.4	77%	4.0	91%
Garita Peak	SNOTEL	10115	8	2.4			3.5	
Hematite Park	SC	9500						
Hopewell	SNOTEL	10095	28	5.8	6.8	85%	7.6	112%
North Costilla	SNOTEL	10598	5	1.1	3.3	33%	1.0	30%
Palo	SC	9300						
Palo	SNOTEL	9343	5	1.3	3.1	42%	2.6	84%
Quemazon	SNOTEL	9507	6	1.4	3.8	37%	3.3	87%
Red River Pass #2	SNOTEL	9855	7	1.7	3.8	45%	2.0	53%
Rio En Medio	SC	10300						
Rio Santa Barbara	SNOTEL	10664	20	3.9			4.2	
Santa Fe	SNOTEL	11465	15	3.6	6.1	59%	5.0	82%
Shuree	SNOTEL	10092	5	1.0	2.6	38%	2.4	92%
Taos Canyon	SC	9100					0.0	
Taos Powderhorn	SNOTEL	11045	18	4.9	8.2	60%	7.2	88%
Taos Powderhorn	SC	11250	25	5.8	11.4	51%	8.0	70%
Taos Pueblo	SNOTEL	11020	16	3.4			7.2	
Tres Ritos	SNOTEL	8755	3	0.5	1.6	31%	1.9	119%
<b>Basin Index</b>							<b>66%</b>	<b>100%</b>
# of sites							15	15
Rio Chama	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Bateman	SNOTEL	9249	16	4.0	4.2	95%	5.9	140%
Chamita	SNOTEL	8383	16	3.0	4.0	75%	5.2	130%
Cumbres Trestle	SNOTEL	10035	40	10.4	10.1	103%	17.1	169%
Garita Peak	SNOTEL	10115	8	2.4			3.5	
Hopewell	SNOTEL	10095	28	5.8	6.8	85%	7.6	112%
<b>Basin Index</b>							<b>92%</b>	<b>143%</b>
# of sites							4	4



Upper Rio Grande	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	6	1.3	1.6	81%	1.9	119%
Gallegos Peak	SNOTEL	9480	13	3.4	4.4	77%	4.0	91%
Hematite Park	SC	9500						
North Costilla	SNOTEL	10598	5	1.1	3.3	33%	1.0	30%
Palo	SNOTEL	9343	5	1.3	3.1	42%	2.6	84%
Palo	SC	9300						
Quemazon	SNOTEL	9507	6	1.4	3.8	37%	3.3	87%
Red River Pass #2	SNOTEL	9855	7	1.7	3.8	45%	2.0	53%
Rio En Medio	SC	10300						
Rio Santa Barbara	SNOTEL	10664	20	3.9			4.2	
Santa Fe	SNOTEL	11465	15	3.6	6.1	59%	5.0	82%
Shuree	SNOTEL	10092	5	1.0	2.6	38%	2.4	92%
Taos Canyon	SC	9100					0.0	
Taos Powderhorn	SC	11250	25	5.8	11.4	51%	8.0	70%
Taos Powderhorn	SNOTEL	11045	18	4.9	8.2	60%	7.2	88%
Taos Pueblo	SNOTEL	11020	16	3.4			7.2	
Tres Ritos	SNOTEL	8755	3	0.5	1.6	31%	1.9	119%
<b>Basin Index</b>						<b>52%</b>		<b>79%</b>
# of sites						11		11

Rio Grande Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown	SNOTEL	11600	43	8.6	9.6	90%	10.0	104%
Cochetopa Pass	SC	10000						
Cochetopa Pass	SNOTEL	10061	12	2.4	2.1	114%	1.1	52%
Culebra #2	SNOTEL	10562	18	3.9	5.9	66%	2.8	47%
Cumbres Trestle	SNOTEL	10035	40	10.4	10.1	103%	17.1	169%
Grayback	SC	11600						
Grayback	SNOTEL	11626	3	2.4			1.9	
Hayden Pass	SNOTEL	10699	6	1.9	6.1	31%	1.8	30%
La Veta Pass	SC	9440						
Lily Pond	SNOTEL	11069	23	5.3	6.0	88%	8.7	145%
Medano Pass	SNOTEL	9668	0	0.7	2.7	26%	1.1	41%
Middle Creek	SNOTEL	11269	33	8.6	9.0	96%	11.4	127%
Moon Pass	SNOTEL	11128	3	1.1	3.0	37%	1.1	37%
North Costilla	SNOTEL	10598	5	1.1	3.3	33%	1.0	30%
Pinos Mill	SC	10000						
Platoro	SC	9880						
Pool Table Mountain	SC	9840						
Porcupine	SC	10280						
San Antonio Sink	SNOTEL	9143	14	3.0			6.3	
San Antonio Sink	SC	9200						
Sargents Mesa	SNOTEL	11499	26	4.7	4.2	112%	3.1	74%
Silver Lakes	SC	9500						
Slumgullion	SNOTEL	11560	25	4.8	6.5	74%	5.4	83%
Trinchera	SNOTEL	10922	17	3.5	5.0	70%	0.9	18%
Upper Rio Grande	SNOTEL	9379	13	2.8	2.8	100%	2.8	100%
Ute Creek	SNOTEL	10734	7	2.1	5.3	40%	3.5	66%
Wager Gulch	SNOTEL	11132	14	3.6			3.4	
Wolf Creek Summit	SNOTEL	10957	60	13.1	14.5	90%	22.1	152%
<b>Basin Index</b>						<b>78%</b>		<b>98%</b>
# of sites						16		16

Alamosa	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
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Grayback	SNOTEL	11626	3	2.4				1.9	
Grayback	SC	11600							
Lily Pond	SNOTEL	11069	23	5.3	6.0	88%		8.7	145%
Platoro	SC	9880							
Silver Lakes	SC	9500							

<b>Basin Index</b>	<b>88%</b>	<b>145%</b>
# of sites	1	1

Conejos	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Cumbres Trestle	SNOTEL	10035	40	10.4	10.1	103%	17.1	169%
Lily Pond	SNOTEL	11069	23	5.3	6.0	88%	8.7	145%
Pinos Mill	SC	10000						
Platoro	SC	9880						
San Antonio Sink	SNOTEL	9143	14	3.0			6.3	
San Antonio Sink	SC	9200						

<b>Basin Index</b>	<b>98%</b>	<b>160%</b>
# of sites	2	2

Culebra-Trinchera	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Culebra #2	SNOTEL	10562	18	3.9	5.9	66%	2.8	47%
La Veta Pass	SC	9440						
Trinchera	SNOTEL	10922	17	3.5	5.0	70%	0.9	18%
Ute Creek	SNOTEL	10734	7	2.1	5.3	40%	3.5	66%

<b>Basin Index</b>	<b>59%</b>	<b>44%</b>
# of sites	3	3

Headwaters Rio Grande	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown	SNOTEL	11600	43	8.6	9.6	90%	10.0	104%
Grayback	SNOTEL	11626	3	2.4			1.9	
Grayback	SC	11600						
Middle Creek	SNOTEL	11269	33	8.6	9.0	96%	11.4	127%
Pool Table Mountain	SC	9840						
Porcupine	SC	10280						
Slumgullion	SNOTEL	11560	25	4.8	6.5	74%	5.4	83%
Upper Rio Grande	SNOTEL	9379	13	2.8	2.8	100%	2.8	100%
Wager Gulch	SNOTEL	11132	14	3.6			3.4	
Wolf Creek Summit	SNOTEL	10957	60	13.1	14.5	90%	22.1	152%

<b>Basin Index</b>	<b>89%</b>	<b>122%</b>
# of sites	5	5

San Juan	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown	SNOTEL	11600	43	8.6	9.6	90%	10.0	104%
Beaver Spring	SC	9220			3.6			
Beaver Spring	SNOTEL	9255	24	5.1	4.2	121%	6.5	155%
Bowl Canyon	SC	8980			3.4		4.2	124%
Cascade #2	SNOTEL	9012	24	4.7	4.3	109%	8.0	186%
Columbus Basin	SNOTEL	10781	38	7.5	9.8	77%	14.1	144%
Hidden Valley	SC	8480			2.4		6.2	258%
Lemon Reservoir	SC	8700						
Mancos	SNOTEL	10044	28	5.2	5.6	93%	9.6	171%
Mineral Creek	SNOTEL	10046	31	6.6	6.0	110%	5.6	93%
Missionary Spring	SC	7940	0	0.0	1.1	0%	1.1	100%
Molas Lake	SNOTEL	10631	40	7.6	7.9	96%	12.0	152%

Navajo Whiskey Ck	SNOTEL	9064	18	3.9	3.9	100%	6.4	164%
Red Mountain Pass	SNOTEL	11080	50	9.9	9.6	103%	11.8	123%
Sharkstooth	SNOTEL	10747	39	6.8	7.4	92%	12.1	164%
Spud Mountain	SNOTEL	10674	51	10.5	10.4	101%	14.2	137%
Stump Lakes	SNOTEL	11248	35	7.3	7.6	96%	9.5	125%
Tsaile Canyon #1	SC	8160	15	2.4	2.4	100%	4.0	167%
Tsaile Canyon #3	SC	8920	23	3.4	3.8	89%	5.8	153%
Upper San Juan	SNOTEL	10140	54	11.9	11.8	101%	17.5	148%
Upper San Juan	SC	10200						
Vallecito	SNOTEL	10782	36	6.3	6.2	102%	7.3	118%
Weminuche Creek	SNOTEL	10749	35	6.7	7.6	88%	7.9	104%
Whiskey Creek	SC	9050			3.4		7.0	206%
Wolf Creek Summit	SNOTEL	10957	60	13.1	14.5	90%	22.1	152%
<b>Basin Index</b>						<b>95%</b>		<b>139%</b>
# of sites						19		19

San Juan Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown	SNOTEL	11600	43	8.6	9.6	90%	10.0	104%
Cascade #2	SNOTEL	9012	24	4.7	4.3	109%	8.0	186%
Columbus Basin	SNOTEL	10781	38	7.5	9.8	77%	14.1	144%
Lemon Reservoir	SC	8700						
Mineral Creek	SNOTEL	10046	31	6.6	6.0	110%	5.6	93%
Molas Lake	SNOTEL	10631	40	7.6	7.9	96%	12.0	152%
Red Mountain Pass	SNOTEL	11080	50	9.9	9.6	103%	11.8	123%
Spud Mountain	SNOTEL	10674	51	10.5	10.4	101%	14.2	137%
Stump Lakes	SNOTEL	11248	35	7.3	7.6	96%	9.5	125%
Upper San Juan	SNOTEL	10140	54	11.9	11.8	101%	17.5	148%
Upper San Juan	SC	10200						
Vallecito	SNOTEL	10782	36	6.3	6.2	102%	7.3	118%
Weminuche Creek	SNOTEL	10749	35	6.7	7.6	88%	7.9	104%
Wolf Creek Summit	SNOTEL	10957	60	13.1	14.5	90%	22.1	152%
<b>Basin Index</b>						<b>96%</b>		<b>133%</b>
# of sites						12		12

<b>Zuni</b>	<b>Network</b>	<b>Elevation (ft)</b>	<b>Depth (in)</b>	<b>SWE (in)</b>	<b>Median (in)</b>	<b>% Median</b>	<b>Last Year SWE (in)</b>	<b>Last Year % Median</b>
Boon	SC	8140	9	1.2	1.2	100%		
Dan Valley	SC	7640	9	1.0	0.7	143%		
McGaffey	SC	8120	8	1.2	0.8	150%		
<b>Basin Index</b>								
	# of sites					0		0

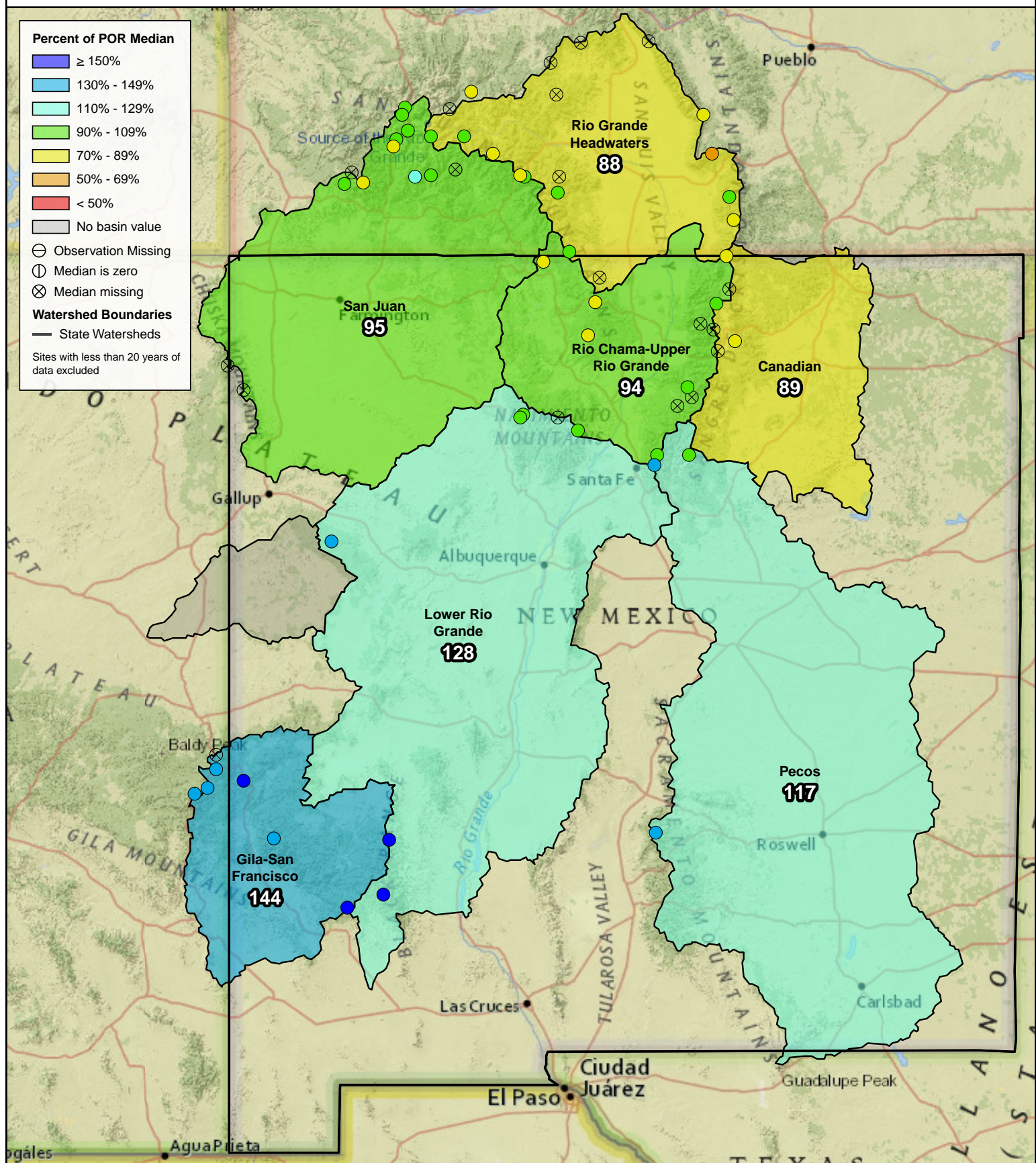
Zuni-Bluewater	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boon	SC	8140	9	1.2	1.2	100%		
Dan Valley	SC	7640	9	1.0	0.7	143%		
Mcgaffey	SC	8120	8	1.2	0.8	150%		
Ojo Redondo	SC	8200						
Rice Park	SNOTEL	8497	9	1.9	2.0	95%	3.7	185%
Basin Index						95%		185%
# of sites						1		1

Water Year to Date Precipitation

## Water Year to Date Precipitation

Percent of POR Median

October 1, 2022 - December 31, 2022



Created 1-10-2023

Basinwide Summary: January 1, 2023 (Medians based On 1991-2020 reference period)			Monthly Total Precipitation For December 2022					Water Year To Date Precipitation through December 2022				
Canadian	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
North Costilla	SNOTEL	10598	1.2	2	60%	2.3	115%	4.6	6.1	75%	3.6	59%
Palo	SNOTEL	9343	0.9	1.8	50%	2.3	128%	4	4.9	82%	3.4	69%
Red River Pass #2	SNOTEL	9855	0.6	1.4	43%	1.5	107%	4.2	5	84%	2.9	58%
Shuree	SNOTEL	10092	0.6	1.4	43%	1.8	129%	3.5	4	88%	2.9	73%
Tolby	SNOTEL	10220	1.1	2	55%	2.8	140%	4.7	6.3	75%	4.4	70%
Wesner Springs	SNOTEL	11151	1.6	3	53%	3.9	130%	8.6	8.5	101%	5.7	67%
Basin Index			52%					126%				
# of sites			6					6				
Canadian Headwaters	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
North Costilla	SNOTEL	10598	1.2	2	60%	2.3	115%	4.6	6.1	75%	3.6	59%
Palo	SNOTEL	9343	0.9	1.8	50%	2.3	128%	4	4.9	82%	3.4	69%
Red River Pass #2	SNOTEL	9855	0.6	1.4	43%	1.5	107%	4.2	5	84%	2.9	58%
Shuree	SNOTEL	10092	0.6	1.4	43%	1.8	129%	3.5	4	88%	2.9	73%
Tolby	SNOTEL	10220	1.1	2	55%	2.8	140%	4.7	6.3	75%	4.4	70%
Basin Index			51%					124%				
# of sites			5					5				
Gila-San Francisco	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beaver Head	SNOTEL	8076	3.3			2.7		7.3			2.8	
Coronado Trail	SNOTEL	8418	3.3	1.8	183%	2.9	161%	7.3	5.6	130%	3.8	68%
Frisco Divide	SNOTEL	8013	3	1.2	250%	2.1	175%	6.8	4.5	151%	3.2	71%
Hannagan Meadows	SNOTEL	9027	5.2	3.4	153%	3.4	100%	10.3	7.6	136%	3.5	46%
Lookout Mountain	SNOTEL	8509	1.6	1.4	114%	1.4	100%	7	4.1	171%	1.7	41%
Nutriosos	SNOTEL	8571	2.8	1.8	156%	1	56%	6.5	3	217%	1.8	60%
Signal Peak	SNOTEL	8405	2.8	2.4	117%	2.2	92%	9.8	5.8	169%	2.5	43%
Silver Creek Divide	SNOTEL	9096	4.5	3.3	136%	3.6	109%	10.6	7.6	139%	4.9	64%
Basin Index			152%					108%				
# of sites			7					7				
San Francisco	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beaver Head	SNOTEL	8076	3.3			2.7		7.3			2.8	
Coronado Trail	SNOTEL	8418	3.3	1.8	183%	2.9	161%	7.3	5.6	130%	3.8	68%
Frisco Divide	SNOTEL	8013	3	1.2	250%	2.1	175%	6.8	4.5	151%	3.2	71%
Hannagan Meadows	SNOTEL	9027	5.2	3.4	153%	3.4	100%	10.3	7.6	136%	3.5	46%
Nutriosos	SNOTEL	8571	2.8	1.8	156%	1	56%	6.5	3	217%	1.8	60%
Silver Creek Divide	SNOTEL	9096	4.5	3.3	136%	3.6	109%	10.6	7.6	139%	4.9	64%
Basin Index			163%					113%				
# of sites			5					5				
Upper Gila	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Lookout Mountain	SNOTEL	8509	1.6	1.4	114%	1.4	100%	7	4.1	171%	1.7	41%
Signal Peak	SNOTEL	8405	2.8	2.4	117%	2.2	92%	9.8	5.8	169%	2.5	43%
Silver Creek Divide	SNOTEL	9096	4.5	3.3	136%	3.6	109%	10.6	7.6	139%	4.9	64%
Basin Index			125%					101%				
# of sites			3					3				
Lower Rio Grande	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	1.6	1.8	89%	2.4	133%	6.5	5	130%	3.2	64%
Garita Peak	SNOTEL	10115	1.6			3.3		7			4.2	
Lookout Mountain	SNOTEL	8509	1.6	1.4	114%	1.4	100%	7	4.1	171%	1.7	41%
Mcknight Cabin	SNOTEL	9242	1.6	1.5	107%	1.4	93%	8.4	3.9	215%	1.6	41%
Quemazon	SNOTEL	9507	0.6	2.2	27%	3	136%	6.6	6.2	106%	4	65%
Rice Park	SNOTEL	8497	2.8	2.2	127%	3.2	145%	6.8	4.5	151%	5.4	120%
Santa Fe	SNOTEL	11465	2.7	2.8	96%	4	143%	7.7	8.1	95%	5.9	73%
Senorita Divide #2	SNOTEL	8569	2.3	2.5	92%	3.5	140%	6	6.4	94%	5	78%
Signal Peak	SNOTEL	8405	2.8	2.4	117%	2.2	92%	9.8	5.8	169%	2.5	43%
Vacas Locas	SNOTEL	9364	2.5	3	83%	3.9	130%	6.2	6.5	95%	5.4	83%
Basin Index			93%					126%				
# of sites			9					9				
Jemez	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Garita Peak	SNOTEL	10115	1.6			3.3		7			4.2	
Quemazon	SNOTEL	9507	0.6	2.2	27%	3	136%	6.6	6.2	106%	4	65%
Senorita Divide #2	SNOTEL	8569	2.3	2.5	92%	3.5	140%	6	6.4	94%	5	78%
Vacas Locas	SNOTEL	9364	2.5	3	83%	3.9	130%	6.2	6.5	95%	5.4	83%
Basin Index			70%					135%				
# of sites			3					3				



Mimbres	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Mcknight Cabin	SNOTEL	9242	1.6	1.5	107%	1.4	93%	8.4	3.9	215%	1.6	41%
Signal Peak	SNOTEL	8405	2.8	2.4	117%	2.2	92%	9.8	5.8	169%	2.5	43%
<b>Basin Index</b>					<b>113%</b>		<b>92%</b>			<b>188%</b>		<b>42%</b>
# of sites					2		2			2		2
Pecos	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	1.6	1.8	89%	2.4	133%	6.5	5	130%	3.2	64%
Santa Fe	SNOTEL	11465	2.7	2.8	96%	4	143%	7.7	8.1	95%	5.9	73%
Sierra Blanca	SNOTEL	10268	3	3.5	86%	1.7	49%	10.2	7.8	131%	2.3	29%
Wesner Springs	SNOTEL	11151	1.6	3	53%	3.9	130%	8.6	8.5	101%	5.7	67%
<b>Basin Index</b>					<b>80%</b>		<b>108%</b>			<b>112%</b>		<b>58%</b>
# of sites					4		4			4		4
Pecos Headwaters	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	1.6	1.8	89%	2.4	133%	6.5	5	130%	3.2	64%
Santa Fe	SNOTEL	11465	2.7	2.8	96%	4	143%	7.7	8.1	95%	5.9	73%
Wesner Springs	SNOTEL	11151	1.6	3	53%	3.9	130%	8.6	8.5	101%	5.7	67%
<b>Basin Index</b>					<b>78%</b>		<b>136%</b>			<b>106%</b>		<b>69%</b>
# of sites					3		3			3		3
Rio Hondo	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Sierra Blanca	SNOTEL	10268	3	3.5	86%	1.7	49%	10.2	7.8	131%	2.3	29%
<b>Basin Index</b>					<b>86%</b>		<b>49%</b>			<b>131%</b>		<b>29%</b>
# of sites					1		1			1		1
Rio Chama-Upper Rio Grande	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Bateman	SNOTEL	9249	1.8	2.2	82%	5.5	250%	5.9	7	84%	7.6	109%
Chamita	SNOTEL	8383	2.1	1.6	131%	4.2	263%	4.4	6	73%	5.8	97%
Cumbres Trestle	SNOTEL	10035	6.3	3.2	197%	11.4	356%	11	12	92%	14.8	123%
Elk Cabin	SNOTEL	8239	1.6	1.8	89%	2.4	133%	6.5	5	130%	3.2	64%
Gallegos Peak	SNOTEL	9480	1.6	2.5	64%	3.9	156%	7.3	6.9	106%	5.4	78%
Garita Peak	SNOTEL	10115	1.6			3.3		7			4.2	
Hopewell	SNOTEL	10095	3.2	2.6	123%	9.1	350%	7.2	8.1	89%	11.1	137%
North Costilla	SNOTEL	10598	1.2	2	60%	2.3	115%	4.6	6.1	75%	3.6	59%
Palo	SNOTEL	9343	0.9	1.8	50%	2.3	128%	4	4.9	82%	3.4	69%
Quemazon	SNOTEL	9507	0.6	2.2	27%	3	136%	6.6	6.2	106%	4	65%
Red River Pass #2	SNOTEL	9855	0.6	1.4	43%	1.5	107%	4.2	5	84%	2.9	58%
Rio Santa Barbara	SNOTEL	10664	1.2			3.6		7.4			5.9	
Santa Fe	SNOTEL	11465	2.7	2.8	96%	4	143%	7.7	8.1	95%	5.9	73%
Shuree	SNOTEL	10092	0.6	1.4	43%	1.8	129%	3.5	4	88%	2.9	73%
Taos Powderhorn	SNOTEL	11045	2.2	4.6	48%	7.3	159%	8.3	10.2	81%	10.3	101%
Taos Pueblo	SNOTEL	11020	3.2			8.7		10.2			11.4	
Tres Ritos	SNOTEL	8755	1.1	2	55%	2.5	125%	5.7	5.4	106%	3.9	72%
<b>Basin Index</b>					<b>83%</b>		<b>191%</b>			<b>92%</b>		<b>89%</b>
# of sites					14		14			14		14
Rio Chama	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Bateman	SNOTEL	9249	1.8	2.2	82%	5.5	250%	5.9	7	84%	7.6	109%
Chamita	SNOTEL	8383	2.1	1.6	131%	4.2	263%	4.4	6	73%	5.8	97%
Cumbres Trestle	SNOTEL	10035	6.3	3.2	197%	11.4	356%	11	12	92%	14.8	123%
Garita Peak	SNOTEL	10115	1.6			3.3		7			4.2	
Hopewell	SNOTEL	10095	3.2	2.6	123%	9.1	350%	7.2	8.1	89%	11.1	137%
<b>Basin Index</b>					<b>140%</b>		<b>315%</b>			<b>86%</b>		<b>119%</b>
# of sites					4		4			4		4
Upper Rio Grande	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	1.6	1.8	89%	2.4	133%	6.5	5	130%	3.2	64%
Gallegos Peak	SNOTEL	9480	1.6	2.5	64%	3.9	156%	7.3	6.9	106%	5.4	78%
North Costilla	SNOTEL	10598	1.2	2	60%	2.3	115%	4.6	6.1	75%	3.6	59%
Palo	SNOTEL	9343	0.9	1.8	50%	2.3	128%	4	4.9	82%	3.4	69%
Quemazon	SNOTEL	9507	0.6	2.2	27%	3	136%	6.6	6.2	106%	4	65%
Red River Pass #2	SNOTEL	9855	0.6	1.4	43%	1.5	107%	4.2	5	84%	2.9	58%
Rio Santa Barbara	SNOTEL	10664	1.2			3.6		7.4			5.9	
Santa Fe	SNOTEL	11465	2.7	2.8	96%	4	143%	7.7	8.1	95%	5.9	73%
Shuree	SNOTEL	10092	0.6	1.4	43%	1.8	129%	3.5	4	88%	2.9	73%
Taos Powderhorn	SNOTEL	11045	2.2	4.6	48%	7.3	159%	8.3	10.2	81%	10.3	101%
Taos Pueblo	SNOTEL	11020	3.2			8.7		10.2			11.4	
Tres Ritos	SNOTEL	8755	1.1	2	55%	2.5	125%	5.7	5.4	106%	3.9	72%
<b>Basin Index</b>					<b>58%</b>		<b>138%</b>			<b>94%</b>		<b>74%</b>
# of sites					10		10			10		10

Rio Grande Headwaters	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beartown	SNOTEL	11600	4.3	3.6	119%	8.3	231%	11	11.3	97%	12.9	114%
Cochetopa Pass	SNOTEL	10061	0.9	1.2	75%	1.1	92%	2.8	3.5	80%	2.6	74%
Culebra #2	SNOTEL	10562	0.8	1.6	50%	1.1	69%	5	6.2	81%	3	48%
Cumbres Trestle	SNOTEL	10035	6.3	3.2	197%	11.4	356%	11	12	92%	14.8	123%
Grayback	SNOTEL	11626	2.1	3	70%	6.6	220%	8.2	8	103%	10.7	134%
Hayden Pass	SNOTEL	10699	0.4	2.5	16%	1.1	44%	4	6.6	61%	2.7	41%
Lily Pond	SNOTEL	11069	3.3	2.4	138%	7.5	313%	9.3	9	103%	11.1	123%
Medano Pass	SNOTEL	9668	0.7	1.4	50%	1.3	93%	3.4	4.5	76%	3	67%
Middle Creek	SNOTEL	11269	3.7	2.9	128%	8.2	283%	10.8	12	90%	13.3	111%
Moon Pass	SNOTEL	11128	0.4	1.2	33%	1.1	92%	2.5	3.8	66%	3.1	82%
North Costilla	SNOTEL	10598	1.2	2	60%	2.3	115%	4.6	6.1	75%	3.6	59%
San Antonio Sink	SNOTEL	9143	1.3			5.2		3.5			6.6	
Sargents Mesa	SNOTEL	11499	2.2	2.2	100%	2.4	109%	4.8	5.5	87%	4	73%
Slumgullion	SNOTEL	11560	1.9	1.7	112%	2.9	171%	5	6.6	76%	5.6	85%
Trinchera	SNOTEL	10922	0.6	1.8	33%	1.2	67%	5.8	5.6	104%	3.4	61%
Upper Rio Grande	SNOTEL	9379	1.4	1.4	100%	2.6	186%	4.8	5.3	91%	4.8	91%
Ute Creek	SNOTEL	10734	1.1	2.6	42%	3.2	123%	4.1	7.1	58%	4.8	68%
Wager Gulch	SNOTEL	11132	1.7			3.4		5.2			6.4	
Wolf Creek Summit	SNOTEL	10957	6.1	4.2	145%	14.2	338%	13.7	15	91%	19.9	133%
<b>Basin Index</b>					<b>96%</b>		<b>197%</b>			<b>86%</b>		<b>96%</b>
# of sites					17		17			17		17
Alamosa	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Grayback	SNOTEL	11626	2.1	3	70%	6.6	220%	8.2	8	103%	10.7	134%
Lily Pond	SNOTEL	11069	3.3	2.4	138%	7.5	313%	9.3	9	103%	11.1	123%
<b>Basin Index</b>					<b>100%</b>		<b>261%</b>			<b>103%</b>		<b>128%</b>
# of sites					2		2			2		2
Conejos	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Cumbres Trestle	SNOTEL	10035	6.3	3.2	197%	11.4	356%	11	12	92%	14.8	123%
Lily Pond	SNOTEL	11069	3.3	2.4	138%	7.5	313%	9.3	9	103%	11.1	123%
San Antonio Sink	SNOTEL	9143	1.3			5.2		3.5			6.6	
<b>Basin Index</b>					<b>171%</b>		<b>338%</b>			<b>97%</b>		<b>123%</b>
# of sites					2		2			2		2
Culebra-Trinchera	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Culebra #2	SNOTEL	10562	0.8	1.6	50%	1.1	69%	5	6.2	81%	3	48%
Trinchera	SNOTEL	10922	0.6	1.8	33%	1.2	67%	5.8	5.6	104%	3.4	61%
Ute Creek	SNOTEL	10734	1.1	2.6	42%	3.2	123%	4.1	7.1	58%	4.8	68%
<b>Basin Index</b>					<b>42%</b>		<b>92%</b>			<b>79%</b>		<b>59%</b>
# of sites					3		3			3		3
Headwaters Rio Grande	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beartown	SNOTEL	11600	4.3	3.6	119%	8.3	231%	11	11.3	97%	12.9	114%
Grayback	SNOTEL	11626	2.1	3	70%	6.6	220%	8.2	8	103%	10.7	134%
Middle Creek	SNOTEL	11269	3.7	2.9	128%	8.2	283%	10.8	12	90%	13.3	111%
Slumgullion	SNOTEL	11560	1.9	1.7	112%	2.9	171%	5	6.6	76%	5.6	85%
Upper Rio Grande	SNOTEL	9379	1.4	1.4	100%	2.6	186%	4.8	5.3	91%	4.8	91%
Wager Gulch	SNOTEL	11132	1.7			3.4		5.2			6.4	
Wolf Creek Summit	SNOTEL	10957	6.1	4.2	145%	14.2	338%	13.7	15	91%	19.9	133%
<b>Basin Index</b>					<b>116%</b>		<b>255%</b>			<b>92%</b>		<b>115%</b>
# of sites					6		6			6		6
San Juan	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beartown	SNOTEL	11600	4.3	3.6	119%	8.3	231%	11	11.3	97%	12.9	114%
Beaver Spring	SNOTEL	9255	4.8	3.8	126%	7.4	195%	8.4	7.6	111%	9.7	128%
Cascade #2	SNOTEL	9012	4.3	2.4	179%	8	333%	8	9	89%	11.1	123%
Columbus Basin	SNOTEL	10781	5.8	3.8	153%	11.2	295%	10.9	13.5	81%	16.2	120%
Mancos	SNOTEL	10044	3.6	2.2	164%	6.1	277%	7.8	7.8	100%	8.7	112%
Mineral Creek	SNOTEL	10046	3.7	2.1	176%	6.1	290%	7.4	7.8	95%	10.6	136%
Molas Lake	SNOTEL	10631	4.5	2.8	161%	9.8	350%	8.8	9.2	96%	14.2	154%
Navajo Whiskey Ck	SNOTEL	9064	3.4	3.1	110%	5.7	184%	7.4	6.6	112%	7.8	118%
Red Mountain Pass	SNOTEL	11080	6	3.5	171%	7.3	209%	12	11.8	102%	13.3	113%
Sharkstooth	SNOTEL	10747	5.4	3.6	150%	10.5	292%	11	10.3	107%	15.3	149%
Spud Mountain	SNOTEL	10674	7.6	3.8	200%	13.7	361%	12.7	13.4	95%	18.1	135%
Stump Lakes	SNOTEL	11248	4.4	2.7	163%	7.6	281%	10	9	111%	10.6	118%
Upper San Juan	SNOTEL	10140	7.4	4.4	168%	15.7	357%	14.4	16	90%	20.7	129%
Vallecito	SNOTEL	10782	3.8	2.4	158%	6.8	283%	9.1	9.4	97%	9.1	97%
Weminuche Creek	SNOTEL	10749	4.3	4.9	88%	7.6	155%	10.2	10.4	98%	10.6	102%
Wolf Creek Summit	SNOTEL	10957	6.1	4.2	145%	14.2	338%	13.7	15	91%	19.9	133%
<b>Basin Index</b>					<b>149%</b>		<b>274%</b>			<b>97%</b>		<b>124%</b>
# of sites					16		16			16		16



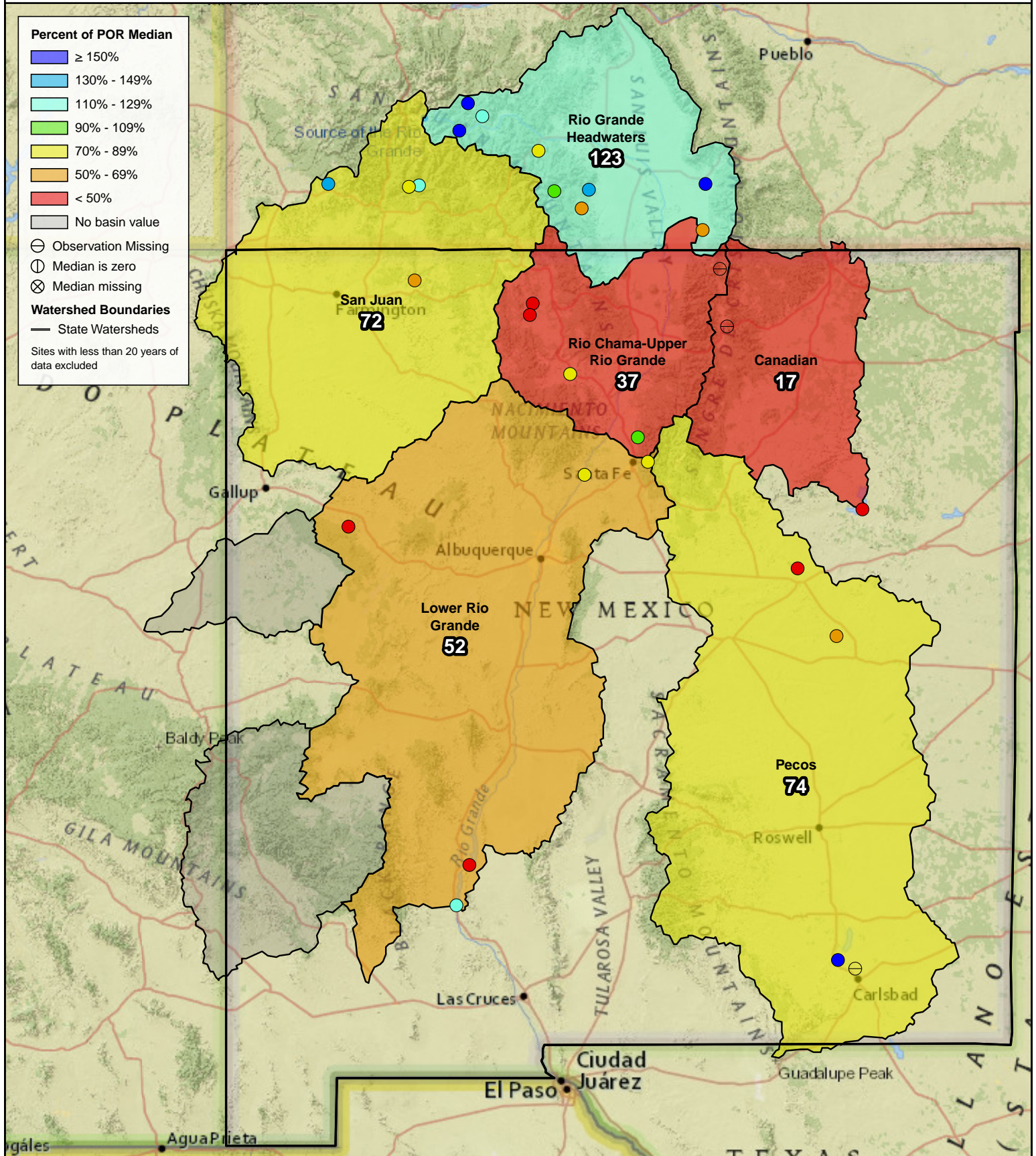
San Juan Headwaters	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beartown	SNOTEL	11600	4.3	3.6	119%	8.3	231%	11	11.3	97%	12.9	114%
Cascade #2	SNOTEL	9012	4.3	2.4	179%	8	333%	8	9	89%	11.1	123%
Columbus Basin	SNOTEL	10781	5.8	3.8	153%	11.2	295%	10.9	13.5	81%	16.2	120%
Mineral Creek	SNOTEL	10046	3.7	2.1	176%	6.1	290%	7.4	7.8	95%	10.6	136%
Molas Lake	SNOTEL	10631	4.5	2.8	161%	9.8	350%	8.8	9.2	96%	14.2	154%
Red Mountain Pass	SNOTEL	11080	6	3.5	171%	7.3	209%	12	11.8	102%	13.3	113%
Spud Mountain	SNOTEL	10674	7.6	3.8	200%	13.7	361%	12.7	13.4	95%	18.1	135%
Stump Lakes	SNOTEL	11248	4.4	2.7	163%	7.6	281%	10	9	111%	10.6	118%
Upper San Juan	SNOTEL	10140	7.4	4.4	168%	15.7	357%	14.4	16	90%	20.7	129%
Vallecito	SNOTEL	10782	3.8	2.4	158%	6.8	283%	9.1	9.4	97%	9.1	97%
Weminuche Creek	SNOTEL	10749	4.3	4.9	88%	7.6	155%	10.2	10.4	98%	10.6	102%
Wolf Creek Summit	SNOTEL	10957	6.1	4.2	145%	14.2	338%	13.7	15	91%	19.9	133%
<b>Basin Index</b>					<b>153%</b>		<b>286%</b>			<b>94%</b>		<b>123%</b>
# of sites					12		12			12		12

Zuni-Bluewater	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Rice Park	SNOTEL	8497	2.8	2.2	127%	3.2	145%	6.8	4.5	151%	5.4	120%
<b>Basin Index</b>					<b>127%</b>		<b>145%</b>			<b>151%</b>		<b>120%</b>
# of sites					1		1			1		1

Reservoir Storage

Percent of POR Median

End of December, 2022



Natural Resources  
Conservation Service  
United States Department of Agriculture



0 10 20 40 60 80 100 Miles

Created 1-10-2023

**Basinwide Summary: January 1, 2023**  
**(Medians based On 1991-2020 reference period)**

**Reservoir Storage Summary For the End of December 2022**

<b>Canadian</b>	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Eagle Nest Lake nr Eagle Nest, NM		35.5	44.2	79.0		45%	56%		80%
Conchas Lake	24.4	20.1	129.6	254.4	10%	8%	51%	19%	15%
<b>Basin Index</b>					<b>10%</b>	<b>17%</b>	<b>52%</b>	<b>19%</b>	<b>32%</b>
# of reservoirs					1	2	2	1	2
<b>Lower Rio Grande</b>	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Elephant Butte Reservoir	226.1	167.8	510.2	2195.0	10%	8%	23%	44%	33%
Caballo Reservoir	50.9	15.1	34.2	332.0	15%	5%	10%	149%	44%
Bluewater Lake	1.0	2.0	3.3	38.5	3%	5%	9%	32%	61%
Cochiti Lake	39.7	41.6	50.2	491.0	8%	8%	10%	79%	83%
McClure Reservoir	1.1	0.3	1.6	3.3	35%	9%	49%	71%	18%
<b>Basin Index</b>					<b>10%</b>	<b>7%</b>	<b>20%</b>	<b>53%</b>	<b>38%</b>
# of reservoirs					5	5	5	5	5
<b>Pecos</b>	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Brantley Lake nr Carlsbad	36.1	26.8	21.2	1008.2	4%	3%	2%	170%	126%
Brantley Lake nr Carlsbad	36.1	26.8	21.2	1008.2	4%	3%	2%	170%	126%
Lake Avalon		2.2	1.7	4.0		55%	43%		129%
Lake Avalon		2.2	1.7	4.0		55%	43%		129%
Lake Sumner	16.2	11.8	23.3	102.0	16%	12%	23%	70%	50%
Lake Sumner	16.2	11.8	23.3	102.0	16%	12%	23%	70%	50%
Santa Rosa Reservoir	16.6	18.4	52.0	432.2	4%	4%	12%	32%	35%
Santa Rosa Reservoir	16.6	18.4	52.0	432.2	4%	4%	12%	32%	35%
<b>Basin Index</b>					<b>4%</b>	<b>4%</b>	<b>6%</b>	<b>71%</b>	<b>60%</b>
# of reservoirs					6	8	8	6	8
<b>Rio Chama-Upper Rio Grande</b>	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Heron Reservoir	41.2	40.2	228.2	400.0	10%	10%	57%	18%	18%
Abiquiu Reservoir	100.1	77.9	155.9	1198.5	8%	7%	13%	64%	50%
El Vado Reservoir	0.8	14.6	79.5	184.8	0%	8%	43%	1%	18%
Nambe Falls Reservoir	1.7	1.6	1.7	1.7	100%	94%	101%	99%	93%
Costilla Reservoir		3.6	5.5	16.0		22%	34%		65%
<b>Basin Index</b>					<b>8%</b>	<b>8%</b>	<b>26%</b>	<b>31%</b>	<b>29%</b>
# of reservoirs					4	5	5	4	5
<b>Upper Rio Grande</b>	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Caballo Reservoir	50.9	15.1	34.2	332.0	15%	5%	10%	149%	44%
Cochiti Lake	39.7	41.6	50.2	491.0	8%	8%	10%	79%	83%
Elephant Butte Reservoir	226.1	167.8	510.2	2195.0	10%	8%	23%	44%	33%
McClure Reservoir	1.1	0.3	1.6	3.3	35%	9%	49%	71%	18%
<b>Basin Index</b>					<b>11%</b>	<b>7%</b>	<b>20%</b>	<b>53%</b>	<b>38%</b>
# of reservoirs					4	4	4	4	4
<b>Rio Grande Headwaters</b>	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Platoro Reservoir	13.9	14.3	17.2	60.0	23%	24%	29%	81%	83%
Continental Reservoir	10.2	9.2	3.2	27.0	38%	34%	12%	320%	288%
Mountain Home Reservoir	3.9	3.7	2.4	18.0	22%	20%	13%	163%	154%
Rio Grande Reservoir	23.9	18.2	15.3	51.0	47%	36%	30%	156%	119%
Beaver Reservoir	3.3	3.1	4.1	4.5	73%	68%	91%	80%	75%
Terrace Reservoir	5.6	3.8	4.2	18.0	31%	21%	23%	133%	90%
Santa Maria Reservoir	8.9	12.1	7.5	45.0	20%	27%	17%	118%	161%
La Jara Reservoir	1.1	1.2	1.6					67%	73%
Sanchez Reservoir	7.9	6.0	19.3	103.0	8%	6%	19%	41%	31%
<b>Basin Index</b>					<b>24%</b>	<b>22%</b>	<b>22%</b>	<b>105%</b>	<b>95%</b>
# of reservoirs					8	8	8	9	9
<b>San Juan</b>	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Jackson Gulch Reservoir	5.5	4.1	4.0	10.0	55%	41%	40%	138%	102%
Navajo Reservoir	852.4	871.8	1330.0	1696.0	50%	51%	78%	64%	66%
Vallecito Reservoir	66.7	35.2	72.1	126.0	53%	28%	57%	93%	49%
Lemon Reservoir	16.8	13.2	18.3	40.0	42%	33%	46%	92%	72%
<b>Basin Index</b>					<b>50%</b>	<b>49%</b>	<b>76%</b>	<b>66%</b>	<b>65%</b>

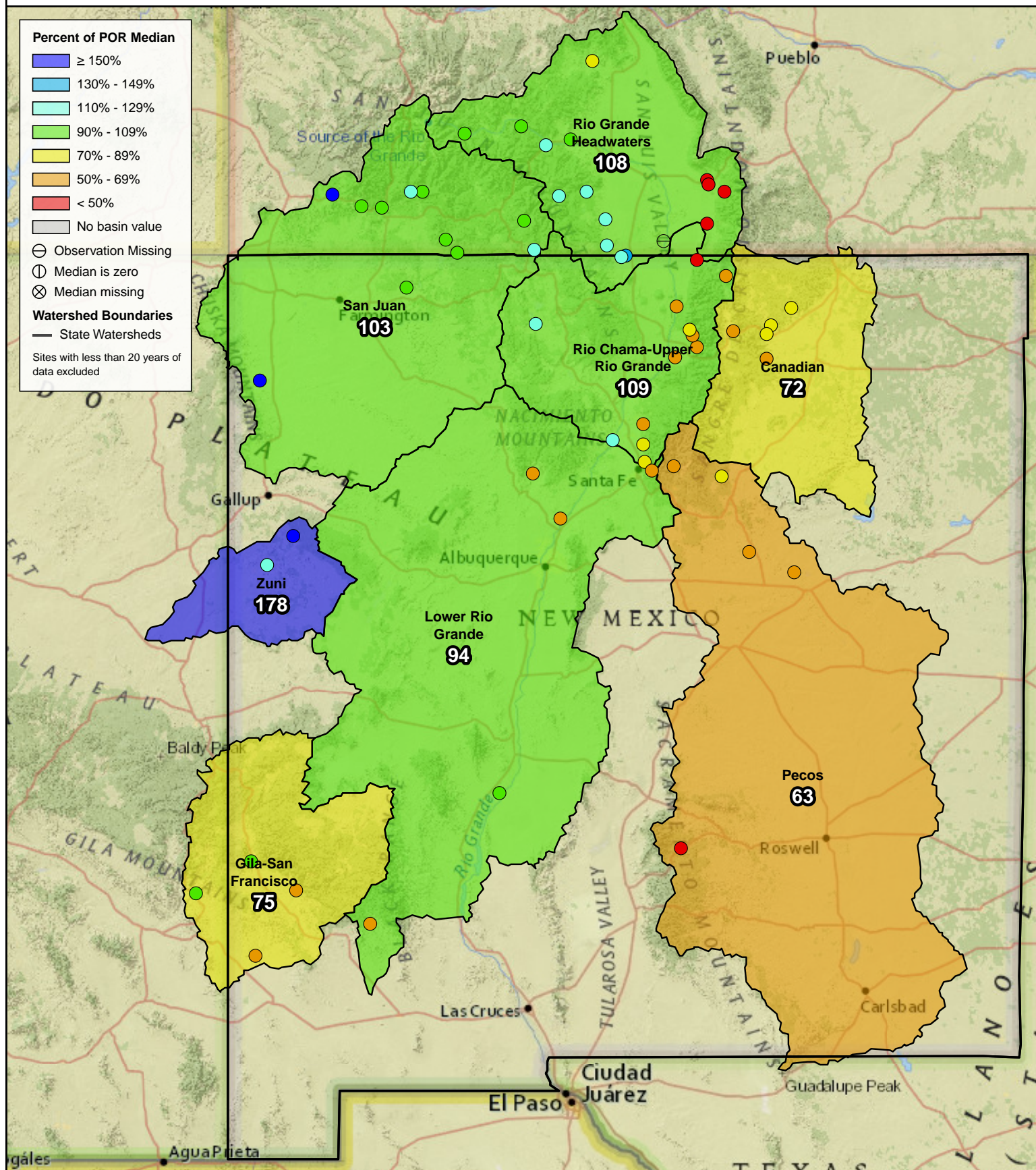
# of reservoirs	4	4	4	4	4
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Forecast Volume,  
50% Exceedance Probability

Percent of POR Median

Primary Period, January 1, 2022

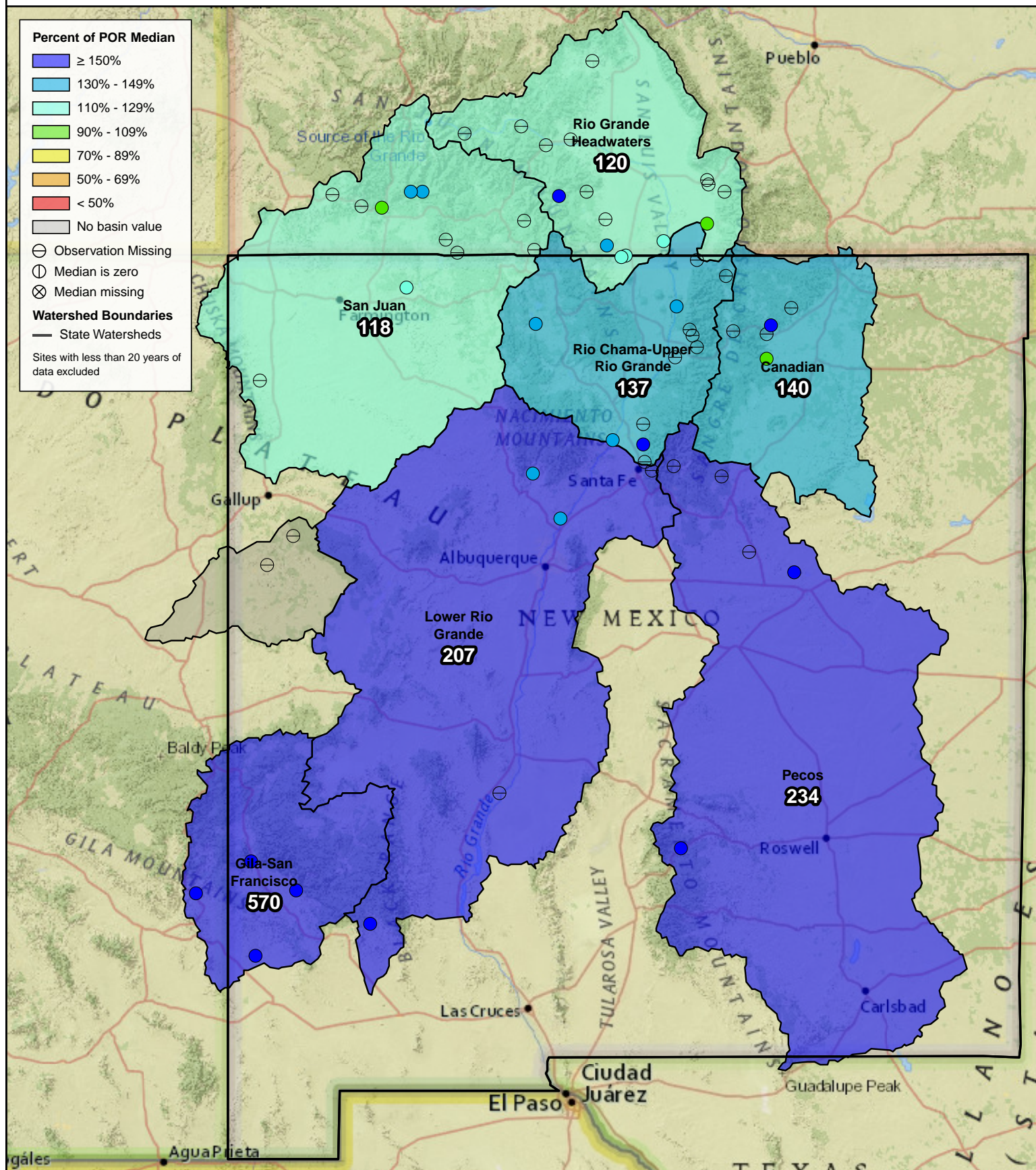




Water Year to Date  
Adjusted Volume, Observed

Percent of POR Median

October 1, 2022 - December 31, 2022





Report Created:  
1/9/2023 12:53:28 PM

**Streamflow Forecast Summary: January 1, 2023**  
**(Medians based On 1991-2020 reference period)**

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

<b>Canadian</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Cimarron R nr Cimarron <sup>2</sup>	MAR-JUN	-1	2.2	6.6	72%	11	17.5	9.2
Ponil Ck nr Cimarron	MAR-JUN	0.1	0.81	3.1	57%	5.4	8.7	5.4
Rayado Ck nr Cimarron	MAR-JUN	0.1	1.2	3	59%	4.8	7.4	5.1
Vermejo R nr Dawson	MAR-JUN	0.1	0.83	3	57%	5.2	8.4	5.3
Eagle Nest Reservoir Inflow <sup>2</sup>	MAR-JUN	-1	1.21	4.1	61%	7	11.2	6.7

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

<b>Gila-San Francisco</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
San Francisco R at Glenwood	JAN-MAY	5.9	15.1	25	135%	39	66	18.5
San Francisco R at Clifton	JAN-MAY	18.2	45	73	166%	111	188	44
Gila R at Gila	JAN-MAY	21	38	55	106%	76	115	52
Gila R bl Blue Ck nr Virden	JAN-MAY	23	47	70	109%	99	156	64

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

<b>Lower Rio Grande</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Mimbres R at Mimbres	JAN-MAY	1.61	3.9	6	240%	8.6	13.2	2.5
Jemez R nr Jemez	MAR-JUL	7.6	14.9	21	72%	29	41	29
Jemez R bl Jemez Canyon Dam	MAR-JUL	3.5	9.5	15.1	69%	22	35	22
Santa Fe R nr Santa Fe <sup>2</sup>	MAR-JUL	0.75	1.67	2.5	76%	3.5	5.3	3.3
Rio Grande at San Marcial <sup>2</sup>	MAR-JUL	-200	22	173	50%	325	550	345

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

<b>Pecos</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Gallinas Ck nr Montezuma	MAR-JUL	1.01	3.4	5.8	73%	8.8	14.5	8
Pecos R nr Pecos	MAR-JUL	13.6	25	35	66%	46	66	53
Pecos R ab Santa Rosa Lk	MAR-JUL	4.3	15.9	28	68%	44	73	41
Rio Ruidoso at Hollywood	MAR-JUN	0.09	0.93	2	59%	3.5	6.4	3.4
Pecos R nr Anton Chico	MAR-JUL	4.7	18	32	60%	50	84	53

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Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast
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<b>Rio Chama-Upper Rio Grande</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Embudo Ck at Dixon	MAR-JUL	5.8	14.1	22	69%	31	48	32
Rio Hondo nr Valdez	MAR-JUL	3.3	6.2	8.6	57%	11.4	16.2	15.1
Costilla Ck nr Costilla <sup>2</sup>	MAR-JUL	5.2	9.6	13.4	61%	17.8	25	22
Rio Pueblo de Taos bl Los Cordovas	MAR-JUL	1.57	6.5	11.7	56%	18.5	31	21
Santa Cruz R at Cundiyo	MAR-JUL	4.6	7.9	10.7	64%	13.9	19.4	16.6
Costilla Reservoir Inflow <sup>2</sup>	MAR-JUL	3	4.9	6.4	62%	8.1	11	10.3
El Vado Reservoir Inflow <sup>2</sup>	MAR-JUL	56	105	147	79%	196	280	186
	APR-JUL	49	94	132	80%	177	255	166
Nambe Falls Reservoir Inflow <sup>2</sup>	MAR-JUL	2	3.3	4.3	77%	5.5	7.5	5.6
Rio Pueblo de Taos nr Taos	MAR-JUL	2.7	5.7	8.3	66%	11.5	17	12.5
Rio Grande at Otowi Bridge <sup>2</sup>	MAR-JUL	152	285	395	70%	525	755	565
Red R bl Fish Hatchery nr Questa	MAR-JUL	10	15.2	19.3	62%	24	32	31
Tesuque Ck ab diversions	MAR-JUL	0.22	0.58	0.92	81%	1.34	2.1	1.13
Rio Lucero nr Arroyo Seco	MAR-JUL	3	4.9	6.5	64%	8.2	11.2	10.1

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Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast
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<b>Rio Grande Headwaters</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Alamosa Ck ab Terrace Reservoir	APR-SEP	33	45	55	90%	65	82	61
Culebra Ck at San Luis <sup>2</sup>								

Ute Ck nr Fort Garland	APR-SEP	5.1	9.1	12.5	75%	16.4	23	16.7
La Jara Ck nr Capulin	APR-SEP	2.3	4.4	6.2	55%	8.4	12.1	11.3
Platoro Reservoir Inflow <sup>2</sup>	MAR-JUL	3.1	5.1	6.7	87%	8.6	11.7	7.7
	APR-JUL	31	41	48	94%	56	69	51
	APR-SEP	34	45	53	93%	62	76	57
San Antonio R at Ortiz	APR-SEP	2.6	6	9	94%	12.7	19.2	9.6
Rio Grande nr Del Norte <sup>2</sup>	APR-SEP	235	325	400	83%	475	605	480
Trinchera Ck ab Turners Ranch	APR-SEP	2.5	4.8	6.8	66%	9.2	13.2	10.3
Rio Grande nr Lobatos								
Los Pinos R nr Ortiz	APR-SEP	28	43	55	90%	68	91	61
Conejos R nr Mogote <sup>2</sup>	APR-SEP	97	133	160	95%	190	240	168
Saguache Ck nr Saguache <sup>2</sup>	APR-SEP	9.1	16.1	22	79%	29	40	28
SF Rio Grande at South Fork <sup>2</sup>	APR-SEP	63	87	105	94%	125	158	112
Rio Grande at Thirty Mile Bridge <sup>2</sup>	APR-JUL	57	82	98	88%	114	139	111
	APR-SEP	64	91	110	92%	129	156	120
Rio Grande at Wagon Wheel Gap <sup>2</sup>	APR-SEP	154	215	260	84%	310	395	310
Sangre de Cristo Ck <sup>2</sup>	APR-SEP	1.51	4.8	8	73%	12.1	19.6	10.9

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Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast
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San Juan	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Animas R at Durango	APR-JUL	215	300	365	97%	435	555	375
Navajo Reservoir Inflow <sup>2</sup>	APR-JUL	250	420	555	88%	715	980	630
Captain Tom Wash nr Two Gray Hills	MAR-MAY	0.22	0.81	1.55	250%	2.6	5	0.62
Rio Blanco at Blanco Diversion <sup>2</sup>	APR-JUL	24	36	44	92%	54	70	48
Lemon Reservoir Inflow <sup>2</sup>	APR-JUL	25	37	46	102%	56	73	45
Navajo R bl Oso Diversion <sup>2</sup>	APR-JUL	28	42	53	95%	65	85	56
Mancos R nr Mancos <sup>2</sup>	APR-JUL	4.8	10.7	16	101%	22	34	15.9
Piedra R nr Arboles	APR-JUL	78	125	163	93%	205	280	175
Vallecito Reservoir Inflow <sup>2</sup>	APR-JUL	95	133	163	96%	196	250	169
San Juan R nr Carracas <sup>2</sup>	APR-JUL	153	235	295	88%	370	490	335

La Plata R at Hesperus

APR-JUL	8.1	13.5	18	96%	23	32	18.8
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Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast
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<b>Zuni</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Rio Nutria nr Ramah	JAN-MAY	0.14	0.76	1.46	200%	2.4	4.2	0.73
Zuni R ab Black Rock Reservoir	JAN-MAY	0	0.15	0.4	308%	0.78	1.56	0.13

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# NEW MEXICO WATER SUPPLY OUTLOOK REPORT

## Natural Resources Conservation Service

### Albuquerque, New Mexico

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