Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

New Mexico
Water Supply Outlook Report
January 1, 2024

Early Season snowpack at the Taos Powderhorn SNOTEL station in the Sangre de Cristo Mountains on December 27th, 2023. The station recorded Snow Water Equivalent [SWE] at 5.5 Inches or 67% of normal, a value similar to last year's January 1 measurement. NRCS Photo: Jaz Ammon

Basin Outlook Reports

and

Federal - State - Private Cooperative Snow Surveys

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https://www.nrcs.usda.gov/new-mexico/snow-survey

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 than predicted in the forecast.

Update:

New NRCS Water Supply Forecast System for the American West

This year, the NRCS begins using a new water supply forecast (WSF) system, the Multi-Model Machine-Learning Metasystem, or M^4. In comparison to the historic singular WSF model, the new system creates a mean value from ***six*** different forecast models. Using the mean of this ensemble of models harnesses the strengths of each technique while insulating against potential individual model vulnerabilities. The original NRCS WSF model remains as part of the suite of ensemble models. Testing shows that the ensemble mean generally equals or exceeds the performance (forecast skill) of any individual model member.

Application of NRCS water supply probabilistic forecasts as described above remains unchanged.

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Additional Reading Hyperlinks:
Assessing the new NRCS water supply forecast model for the American West

A Machine Learning Metasystem for Robust Probabilistic Nonlinear Regression-Based Forecasting

January 1, 2024, Summary

January 1 snowpack conditions favored the southern and western New Mexico forecast basins, with below to well below normal Snow Water Equivalent in the most geographically extensive mountains feeding the northern headwaters of the Rio Grande, San Juan, and Canadian Basins. As of January 1, the above normal snowpack in the Zuni, Gila San Francisco, and Lower Rio Grande Basins were overwhelmed by dry conditions further north, leaving statewide Snow Water Equivalent totals at 66% of reference period normal.

Water year to-date precipitation provides an even less optimistic early winter snapshot of statewide water supply conditions. Every major basin in the state has received below to well below normal cumulative precipitation since October 1, 2023, when this water year began. Statewide precipitation totals represented less than 65% of the reference period normal as of forecast publication on January 1. Significant drought conditions persisted nearly statewide through the end of December, overall representing a bleak start to water year 2024.

Reservoir storage volumes are improved in all but the Pecos basin storage systems over last year's January 1 levels. Despite this improvement over 2023, storage still sat below to well below reference period medians in all forecast basins except the Rio Grande Headwaters in southern Colorado. As the bulk of New Mexico reservoir capacity exists further downstream, considerable runoff will be required to reach reference period normal storage volumes, especially in the Canadian and Pecos systems. Rio Chama- Upper Rio Grande basin combined reservoir statistics remain impacted by dam maintenance at El Vado Reservoir, where minimal storage is available.

This first official forecast publication of water year 2024 sets the stage for future refinement of water supply expectations throughout the winter and is based upon early season conditions as of the end of December. As such, January 1 official NRCS streamflow forecast volumes represent a considerable range of possible flows and will not account for any weather which has occurred throughout the state since December 31, 2023. These forecasts reflect the fact that the bulk of the winter still lies ahead and much remains to be seen regarding snow accumulation, rain, temperature patterns and other events which will impact melt, runoff, and streamflow results during the forecast period. In addition, observed monthly streamflow volumes through December can be challenging to interpret, as these totals largely represent storage water being re-allocated between reservoirs to meet management objectives as opposed to new water entering the water supply from the natural water cycle.

The NRCS National Water and Climate Center [NWCC] has made a concerted effort to provide new value-added data products for public use which draw upon the underlying NRCS climate monitoring and water supply forecasting inputs collected nationwide. Readers are encouraged to explore the hyperlinks provided throughout the electronic version of this report, or to copy and paste the web addresses provided in the footnotes below, as many web addresses have been updated over the past year as part of a USDA-wide web modernization effort. In addition, there have been additional products released for the public since the previous New Mexico Water Supply Outlook Report was published in May of 2023. Any further inquiry regarding these data products or the format of this report can be directed to the author.

Key Online Resources Referenced:

[1] https://nwcc-apps.sc.egov.usda.gov/

[2] https://nwcc-apps.sc.egov.usda.gov/imap/

[3] https://nwcc-apps.sc.egov.usda.gov/basin-plots/#NM

[4] https://www.wcc.nrcs.usda.gov/ftpref/nwcc/basin-rpt/

[5] https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?NM

[6] https://nwcc-apps.sc.egov.usda.gov/forecast-plots/#state=NM

Aaron Miller, NRCS Soil Scientist, traverses the Taos Powderhorn manual snow course in the Upper Rio Grande Basin on December 27, 2023. SWE at this site measured 48% of the reference period normal for the January 1 survey cycle. NRCS Photo: Jaz Ammon

Snowpack

In New Mexico, fewer manual snow course measurements are taken for the January 1 forecast cycle than for other months. The full statewide snow survey effort will be initiated in late January for the February 1 forecast publication date. This publication represents a snapshot of snowpack conditions as of January 1, and therefore will not account for any additional climate events which have occurred since the start of the new calendar year. Many of the products available through the suite of online NRCS Water and Climate Center Applications[1] [NWCC Apps] provide near real-time conditions updates as of the date of inquiry. This report provides context for the monthly publication of NRCS streamflow forecasts and is thereby constrained to a single date in time.

In early winter, percent of median values can be quite sensitive to small changes in snow totals given that median values themselves are still small and percent of normal can thus change rapidly with even a single storm event. It can be very useful and informative to explore the time series data for individual SNOTEL stations in your area specifically to see the actual Snow Water Equivalent [SWE] and precipitation values and how they relate to the median. Snow accumulation prior to the New Year favored the southern mountains of New Mexico. The Zuni, Gila- San Francisco, and Lower Rio Grande basins received above to well above reference period normal SWE totals. Basinwide January 1 [SWE] values showed increases over last year in six of the major New Mexico forecast basins: Rio Chama- Upper Rio Grande, Lower Rio Grande, Canadian, Pecos, Gila- San Francisco, and Zuni (***figure 1; figure 2***). In contrast, SWE totals were lower relative to January 1, 2023, in the Rio Grande Headwaters and San Juan basins spanning the Colorado- New Mexico state boundary (***figure 1; figure 2***). Statewide, SWE totals fell below normal, reflecting the drier mountain conditions in the remaining northern New Mexico forecast basins (***figure 3)***.

The map graphic illustrating basinwide SWE is included below, along with data tables proving totals by individual measurement site grouped by forecast basin and sub-basin. For near real-time interactive versions of the associated online data products, refer to the Interactive Map[2], as well as Air Water and Soil Plots[3]. Monthly Basin Outlook Reports[4] showing data tables in the format provided here are available online as well. Map controls will need to be set to the appropriate New Mexico basin parameters to replicate the statistics seen in this report. Air Water and Soil Plots can also be accessed via the interactive map by clicking on the corresponding forecast basin within the map itself. This month, percent of normal SWE in the San Juan and Gila- San Francisco aggregated forecasts basins appear as different totals between the map graphic and the summary tables. This is an artifact of absent manual snow course measurements for the January 1, 2023, survey cycle. In these cases, the numbers shown on the map graphic are most representative of January 1, 2024, conditions in these basins. ***Figure 1*** and ***figure 2*** reflect the percent of reference period normal SWE displayed on the basin wide SWE map graphic.

January 1 represents the onset of the snow accumulation period for New Mexico. Accounting for the remaining snow events to come in the months ahead will provide additional context and contribute to further skill in NRCS streamflow forecasts as the melt and runoff period approaches.

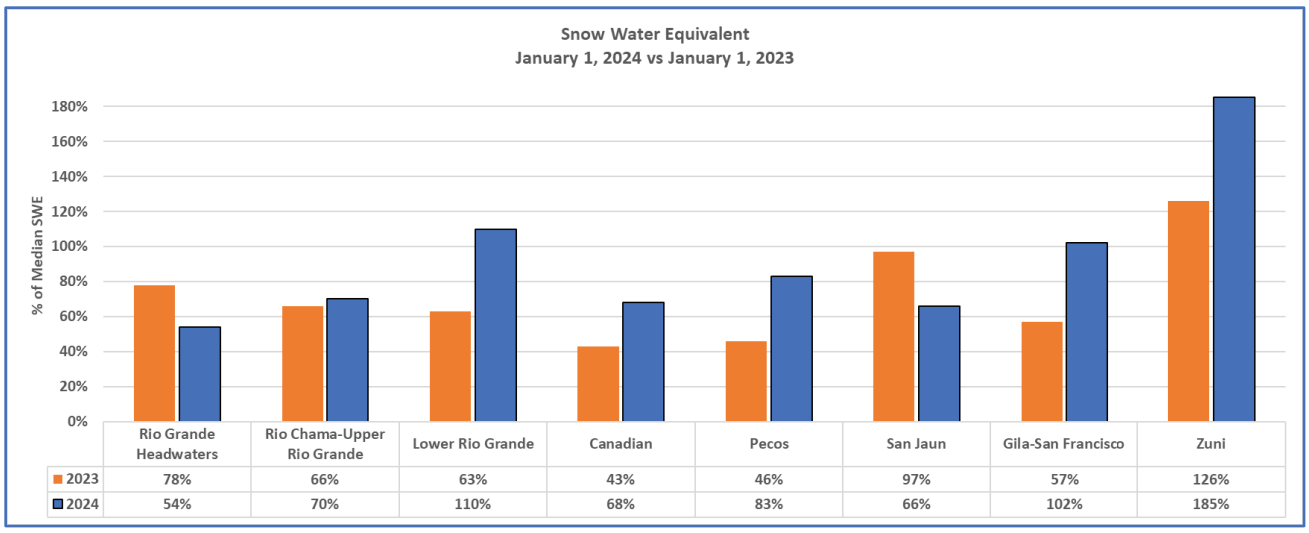


figure 1: *Percent of reference period normal Snow Water Equivalent [SWE] by basin for January 1, 2024, compared to last year.*

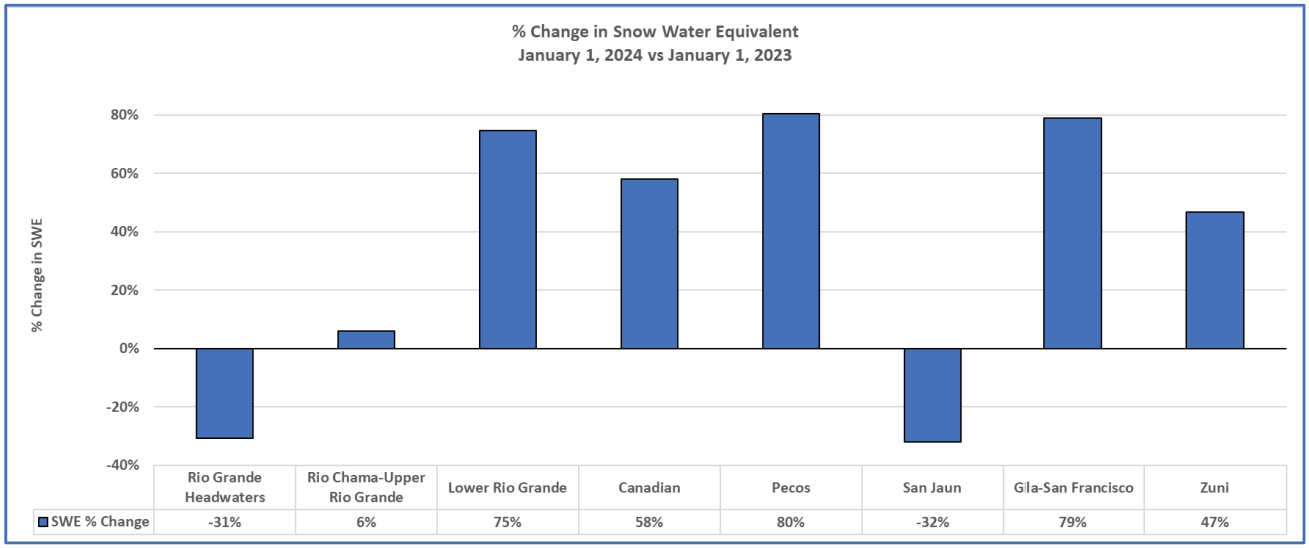


figure 2: *Percent change in reference period normal Snow Water Equivalent [SWE] between January 1, 2024, and January 1, 2024.*

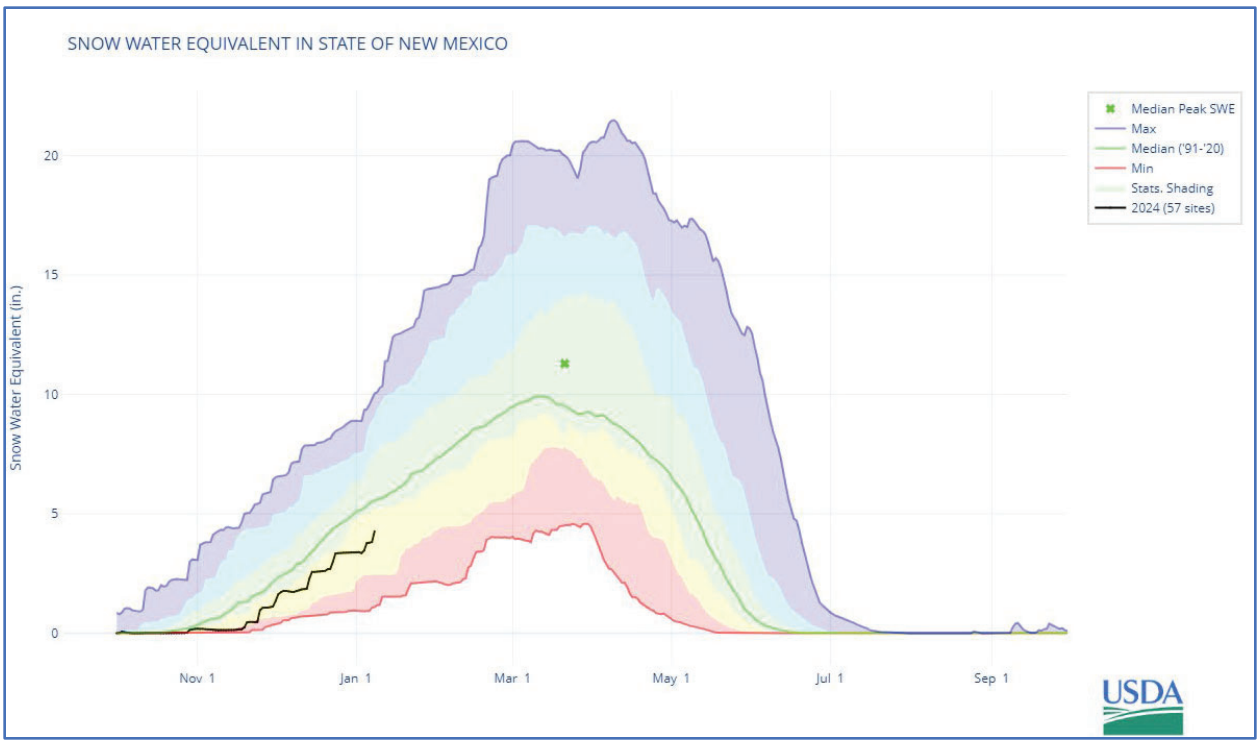
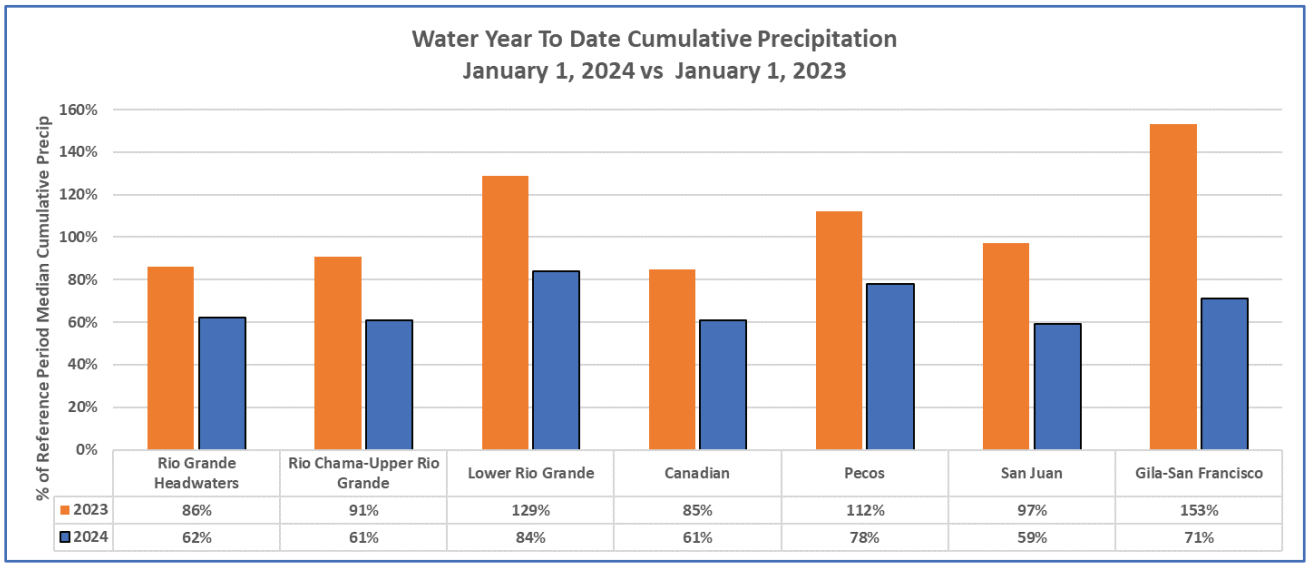


figure 3: *This plot shows inclusive Snow Water Equivalent [SWE] trends throughout the Water Year (October 1 through September 30) for the aggregated State of New Mexico. The solid green line on this plot shows the reference period (1991-2020) median SWE values at all climate measurement sites referenced throughout the state. The solid black trace shows SWE accumulation for the current water year, 2024. Such statewide aggregations ignore many of the complexities presented by the climatic heterogeneity present in a vast and topographically variable state such as New Mexico. This statewide summary generally varies significantly from basin wide or individual site values. Further data visualizations can be accessed online through NRCS near-real time Air, Water, and Soil Plots[3] produced by the NRCS.*

Precipitation

The 2024 Water Year (beginning October 1, 2023) started off quite dry. At the start of the water year, the entire state of New Mexico was categorized by the U.S. Drought Monitor[5] as experiencing some degree of drought, with large portions of the southern extent of the state in Exceptional (D4) drought conditions. This trend continued through the start of the new calendar year, with all major NRCS forecast basins in New Mexico showing below normal water year- to-date cumulative precipitation as of January 1. These dry conditions were most pronounced in the northern portions of New Mexico and associated southern Colorado portions of the San Juan, Rio Grande Headwaters, and Canadian basins when compared with reference period normals. Comparisons between January 1 totals for 2024 and the prior year as both rain and frozen water measured by NRCS climate monitoring sites can be seen in ***figure 4***. Statewide, water year 2023 was considerably wetter than the current year as of January 1. The percent change in cumulative water year-to-date precipitation between this year and last year is illustrated in ***figure 5***. When compared to 2023, the Gila-San Francisco basin shows the greatest percent decrease in

precipitation, as highlighted in ***figure 5***. It is important to note that in mountainous regions throughout New Mexico, winter precipitation plays a large role in runoff and streamflow during the spring and summer. While dry antecedent conditions will play a role in streamflow volumes due to interactions with the soils through water retention and runoff, the bulk of the winter precipitation season is still ahead, particularly in the higher elevations. This report reflects statewide conditions as they stood on January 1, and does not account for any additional precipitation which has accumulated since the start of the new calendar year. The map graphic for spatially distributed basin wide percent of normal water year-to-date precipitation as of January 1, 2024, is included below. Another format of the same data in considerably more detail is presented in the basin wide precipitation summary tables provided below. The simplest way to explore individual sub-basin or site-specific conditions is to refer to the summary tables or to access the interactive online version of the NRCS National Water and Climate Center [NWCC] Interactive Map[2]. For near real-time precipitation data graphics, refer to the NWCC Apps[1] page dedicated to these products, the Air Water and Soil Plots[3].



	Rio Grande Headwaters	Rio Chama-Upper Rio Grande	Lower Rio Grande	Canadian	Pecos	San Juan	Gila-San Francisco
2023	86%	91%	129%	85%	112%	97%	153%
2024	62%	61%	84%	61%	78%	59%	71%

figure 4: *Percent of normal water year-to-date precipitation: January 1, 2024, compared to last year.*

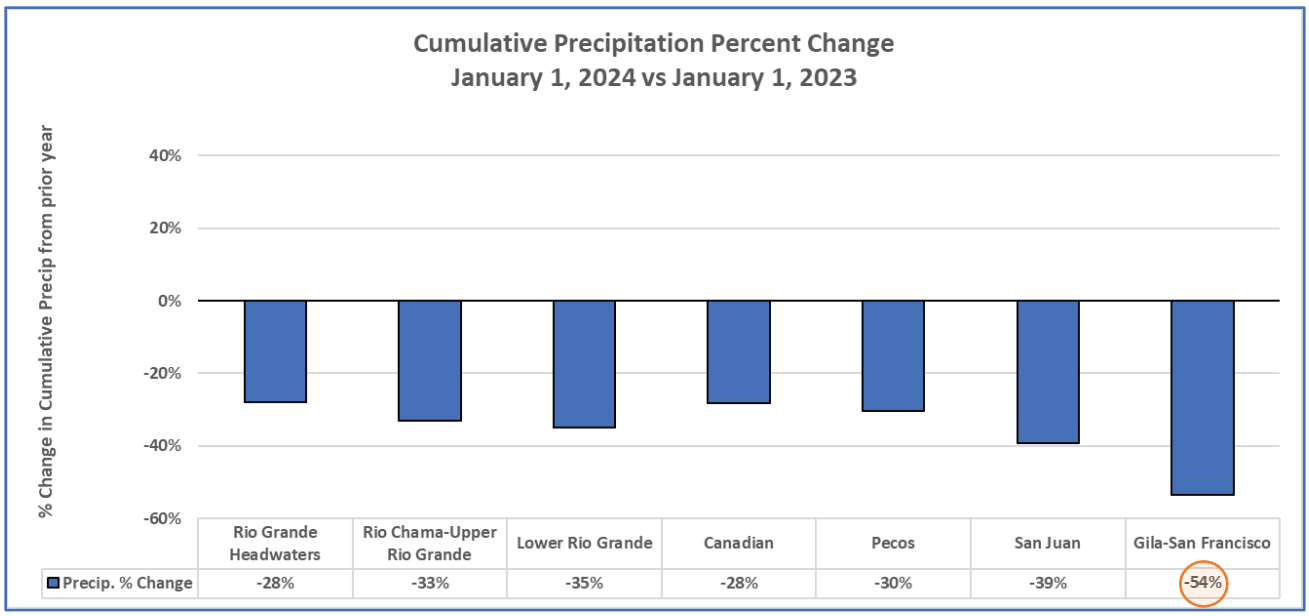


figure 5: *Percent change in reference period normal water year-to-date precipitation between January 1, 2024, and January 1, 2023. A water year begins on October 1.*

Reservoirs

New Mexico reservoir systems reflected in NRCS products showed complete reporting for January 1. All reservoir storage systems with NRCS reporting are showing below or well below reference period normal storage volumes, with the exception of those in the Rio Grande Headwaters basin in southern Colorado (***table 1***; ***figures 6 & 7***). The extremely low percent of normal reservoir storage in the Rio Chama- Upper Rio Grande basin reflects current ongoing maintenance at El Vado Reservoir. The Pecos and Canadian basins showed 55% of normal reservoir storage volumes as of January 1, indicating that considerable surface water inflow will be needed to meet water supply demands in the coming year. The Canadian basin storage systems have seen the greatest percent increase over last year's January 1 storage, while the Pecos has seen a decrease in storage volumes since January 1, 2023 (***figure 7***).

With significant future weather uncertainty alongside management decisions from reservoir operators, much remains to be seen for New Mexico's the water storage outlook. The basin wide reservoir storage map graphic and associated summary tables provide a snapshot of conditions as New Mexico enters the winter season. Specific storage volumes are provided by NRCS partner entities and can be explored further in the online Interactive Map[2] as well as in in graphic form through the Air, Water, and Soil Plots[3] and monthly Basin Outlook Report[4] tables by selecting reservoir data in the associated interactive menu.

table 1:

Basin Wide Summary: January 1, 2024 (Medians based on 1991-2020 reference period)	Reservoir Storage Summary End of December, 2023				
	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Rio Grande Headwaters	**28%**	**24%**	**22%**	**125%**	**105%**
Rio Chama-Upper Rio Grande	**10%**	**8%**	**26%**	**39%**	**32%**
Lower Rio Grande	**17%**	**10%**	**20%**	**89%**	**53%**
Canadian	**29%**	**17%**	**52%**	**55%**	**32%**
Pecos	**3%**	**4%**	**6%**	**55%**	**70%**
San Juan	**63%**	**50%**	**76%**	**83%**	**66%**

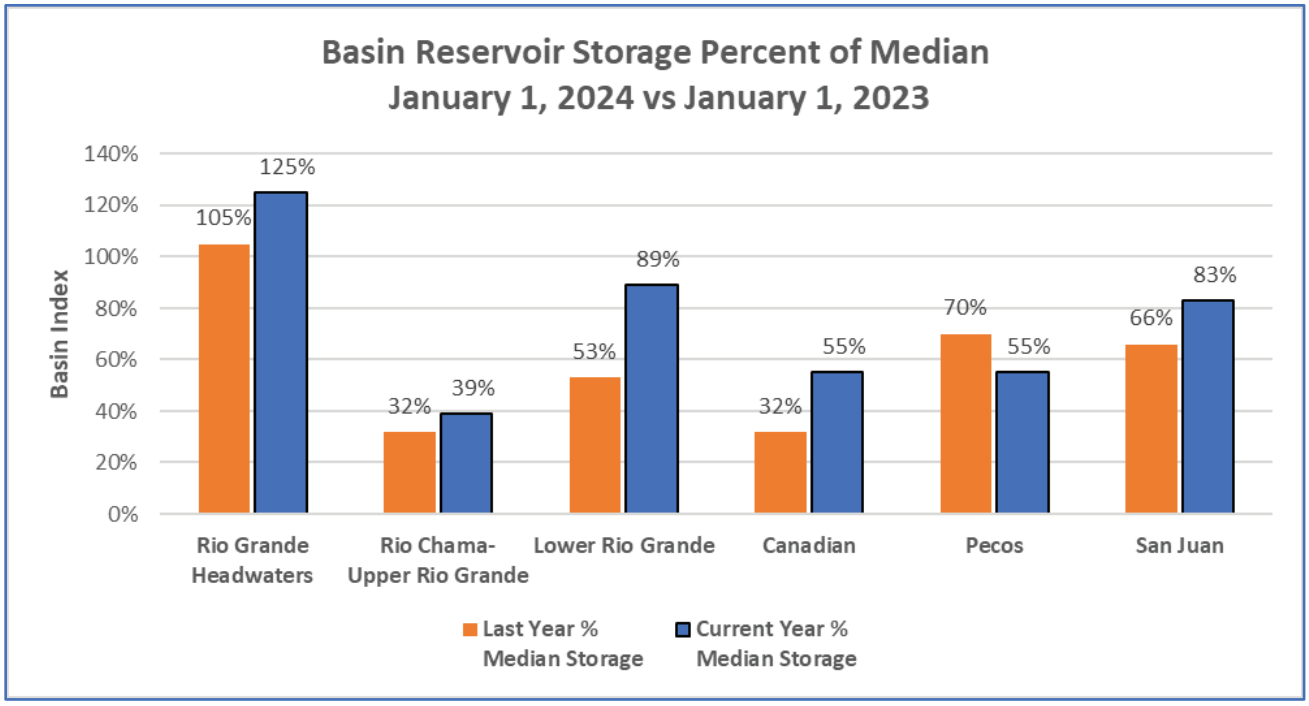


figure 6: *Percent of reference period normal reservoir storage for January 1, 2024, as compared to last year. There is now an alternative version of this data graphic located online[3].*

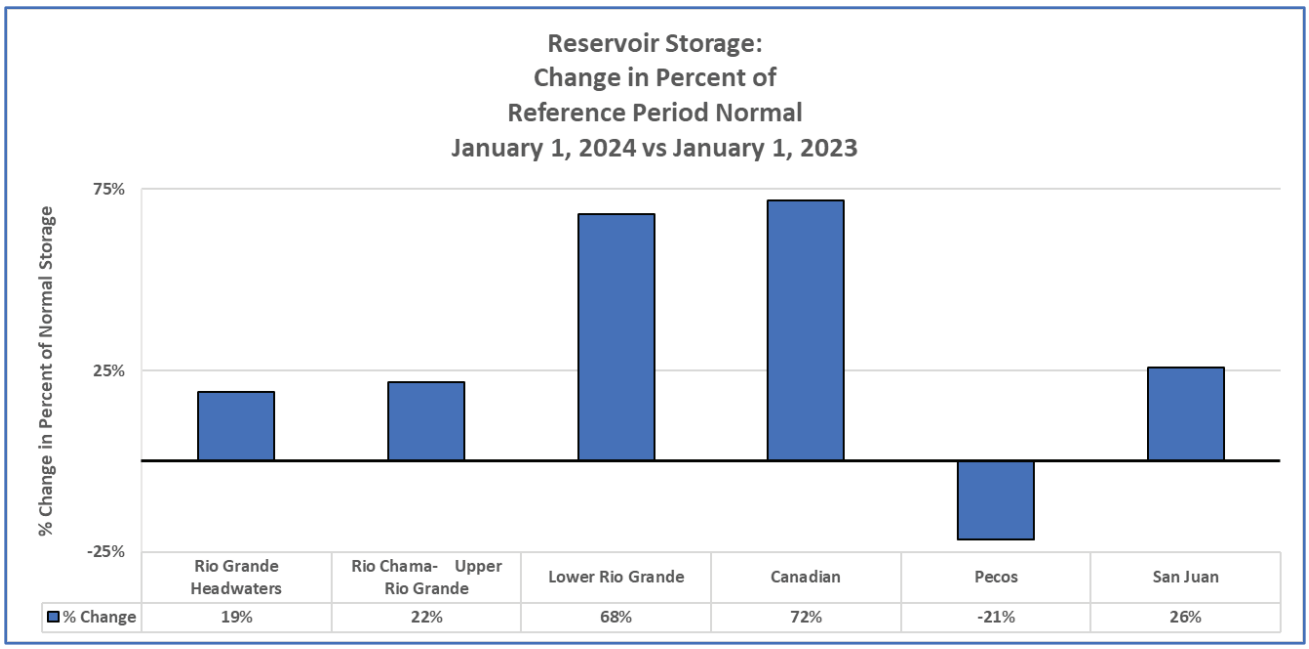


figure 7: *Percent change in reference period normal reservoir storage between January 1, 2023, and January 1, 2024.*

Streamflow

Snowpack and precipitation trends are reflected in the January 1st seasonal volumetric streamflow forecasts which are generally well below normal across the larger volume forecast systems. There are several important factors to bear in mind when analyzing January 1st forecasts. First and foremost is that there is still a lot of snow accumulation season ahead and much can still change. It is always important to keep a close eye on changing snowpack conditions and official monthly streamflow forecasts as the season progresses. Another important consideration with early season forecasts is that differences between SWE and water year precipitation can be most pronounced this time of year so a forecast may or may not align closely with what one may anticipate by looking at mountain snowpack data alone. Also related to this is that when dealing with the smaller early season amounts of both SWE and precipitation forecast models are more sensitive smaller differences in the input data (inches of SWE, as an example) than they would be later in the season.

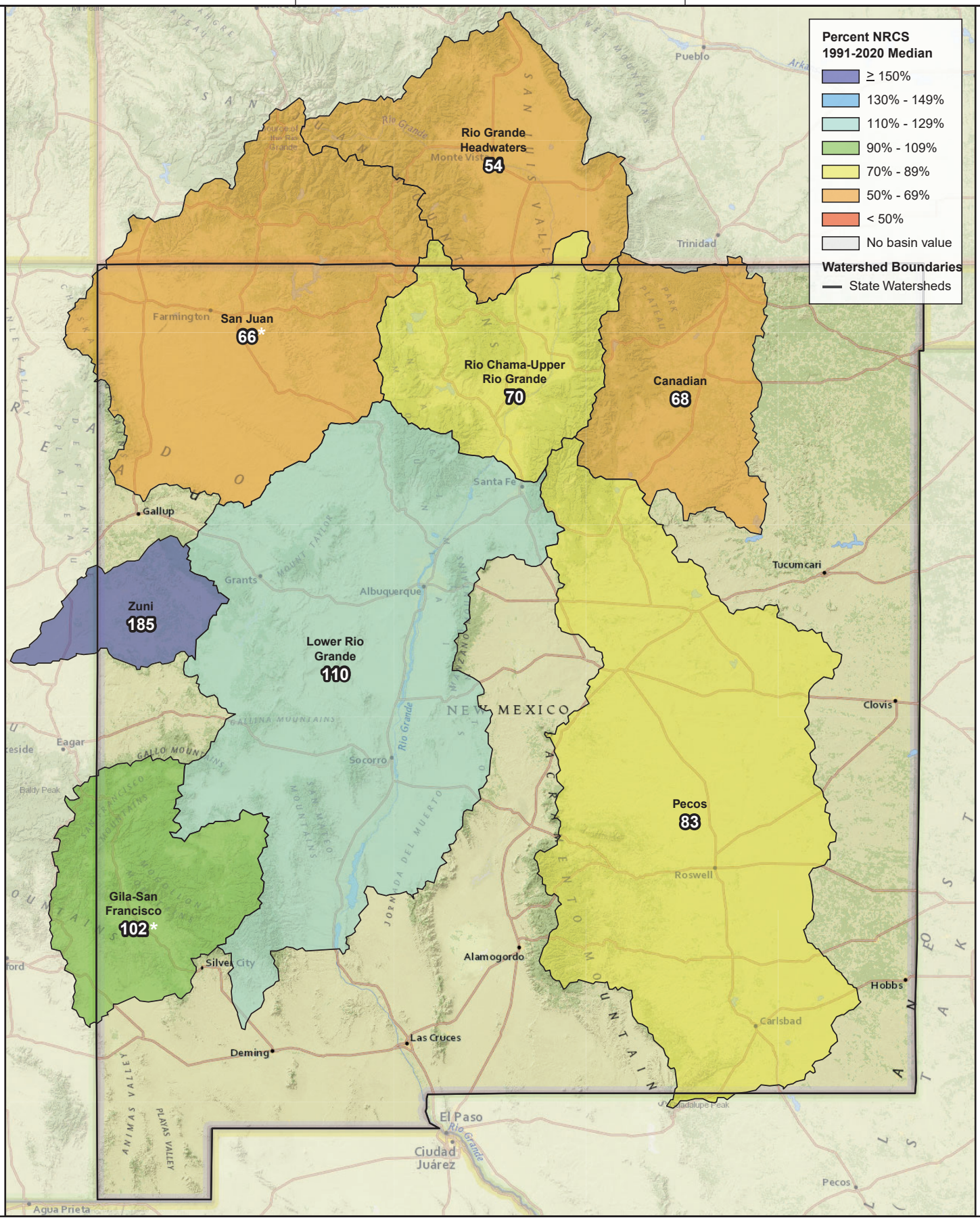
Reflecting water year-to-date climate measurements, forecast volumes at the 50% exceedance probability are near normal for the San Juan (92%) and above normal in the Gila-San Francisco (125%) with higher flows forecasted in the Zuni basin at 216% of normal during the primary forecast period. The remaining forecast basins showed below to well below normal forecasted flows as of January 1, 2024. With respect to the Rio Grande specifically there were some areas where model guidance diverged between the new ensemble of models and the prior forecast system more than in others. One example of this being some points on the main stem headwaters of the Rio Grande in Colorado. This is most reflective of the wide range of forecasted volumes across the entire range of exceedance probabilities this early in the season.

December 2023 monthly adjusted *observed* streamflow volumes were notably high in the Lower Rio Grande basin in New Mexico, at 217% of normal. The remaining forecast basins throughout the state saw below to well below normal observed flows, with the Zuni basin standing out at 0% of reference period normal flows. Early water year flows, in the absence of notable precipitation events, generally reflect water management decisions and re- allocation between storage facilities.

The Basin Outlook Report provided below for each New Mexico forecast basin is preceded by a graphic representation of the official January 1, 2024, NRCS Water Supply Forecast showing the primary forecast period for each forecast point. These color-coded charts illustrate the range between the 90% (most likely to be exceeded) and 10% (least likely to be exceeded) exceedance probability forecasts for each point. The greater the range between the low and high probability flows, the more uncertainty exists for a given forecast. With so much remaining future weather uncertainty as of January 1, the ranges in forecast volumes are generally quite wide. Even throughout the entire streamflow forecast season future weather remains one of the largest sources of uncertainty so it is valuable to consider the full range of possible outcomes for any given forecast point. Forecast certainty can be expected to improve and the associated range of statistically probable flow volumes should thereby decrease as seasonal conditions are accounted for throughout the winter. The final forecast prior to runoff initiation for each forecast point generally has the best forecast skill, as there is less uncertainty remaining in the forecast inputs. NWCC Seasonal Volume Forecast Plots[6] are available to query by publication month for all official streamflow forecasts published by the NRCS.

State Line Manual Snow Course in the San Francisco Range on December 29th, 2023. This site held 171% of normal SWE on the survey date, showing a marked improvement over last year's January 1 conditions. This site could use some maintenance. USFS/NRCS Photo: Jason Barnes.

Snow Water Equivalent	Basin Wide Snow Water Equivalent Percent NRCS 1991-2020 Median	End of December, 2023



USDA Natural Resources Conservation Service
United States Department of Agriculture

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0 10 20 40 60 80 100 Miles

Created 1-08-2024

Basinwide Summary: January 1, 2024
(Medians based On 1991-2020 reference period)

Snowpack Summary For January 1, 2024

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	7	1.3	3.3	39%	1.1	33%
Palo	SNOTEL	9343	9	2.7	3.1	87%	1.3	42%
Palo	SC	9300						
Red River Pass #2	SNOTEL	9855	8	1.9	3.8	50%	1.7	45%
Shuree	SNOTEL	10092	10	2.1	2.6	81%	1.0	38%
Taos Canyon	SC	9100						
Taos Pueblo	SNOTEL	11020	18	4.3			3.4	
Tolby	SNOTEL	10220	13	2.7	3.8	71%	2.0	53%
Wesner Springs	SNOTEL	11151	21	5.0	6.6	76%	2.9	44%
Basin Index						**68%**		**43%**
# 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	7	1.3	3.3	39%	1.1	33%
Palo	SNOTEL	9343	9	2.7	3.1	87%	1.3	42%
Palo	SC	9300						
Red River Pass #2	SNOTEL	9855	8	1.9	3.8	50%	1.7	45%
Shuree	SNOTEL	10092	10	2.1	2.6	81%	1.0	38%
Taos Canyon	SC	9100						
Taos Pueblo	SNOTEL	11020	18	4.3			3.4	
Tolby	SNOTEL	10220	13	2.7	3.8	71%	2.0	53%
Basin Index						**64%**		**43%**
# 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	5	1.9	2.0	95%	1.4	70%
Coronado Trail	SC	8350	10	1.3	0.5	260%		
Coronado Trail	SNOTEL	8418	8	1.6	1.4	114%	0.8	57%
Frisco Divide	SNOTEL	8013	4	1.1	1.3	85%	0.7	54%
Hannagan Meadows	SNOTEL	9027	12	3.1	4.8	65%	2.5	52%
Lookout Mountain	SNOTEL	8509	4	1.1	1.2	92%	0.2	17%
Nutrioso	SNOTEL	8571	3	1.2	0.8	150%	0.1	13%
Nutrioso	SC	8500	6	0.8	0.2	400%		
Signal Peak	SNOTEL	8405	1	0.3	1.6	19%	0.8	50%
Silver Creek Divide	SNOTEL	9096	15	4.3	3.1	139%	2.7	87%
State Line	SC	8000	9	1.2	0.7	171%	0.5	71%
Basin Index						**93%***		**57%**
# 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	5	1.9	2.0	95%	1.4	70%
Coronado Trail	SC	8350	10	1.3	0.5	260%		
Coronado Trail	SNOTEL	8418	8	1.6	1.4	114%	0.8	57%
Frisco Divide	SNOTEL	8013	4	1.1	1.3	85%	0.7	54%

San Francisco (cont.)	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Hannagan Meadows	SNOTEL	9027	12	3.1	4.8	65%	2.5	52%
Nutrioso	SNOTEL	8571	3	1.2	0.8	150%	0.1	13%
Nutrioso	SC	8500	6	0.8	0.2	400%		
Silver Creek Divide	SNOTEL	9096	15	4.3	3.1	139%	2.7	87%
State Line	SC	8000	9	1.2	0.7	171%	0.5	71%
Basin Index						**102%**		**62%**
# 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	4	1.1	1.2	92%	0.2	17%
Signal Peak	SNOTEL	8405	1	0.3	1.6	19%	0.8	50%
Silver Creek Divide	SNOTEL	9096	15	4.3	3.1	139%	2.7	87%
Basin Index						**97%**		**63%**
# of sites						3		3

Lower Rio Grande	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boon	SC	8140	9	2.6	1.2	217%	1.2	100%
Elk Cabin	SNOTEL	8239	8	2.9	1.6	181%	1.3	81%
Garita Peak	SNOTEL	10115	17	4.0			2.4	
Lookout Mountain	SNOTEL	8509	4	1.1	1.2	92%	0.2	17%
Mcknight Cabin	SNOTEL	9242	3	1.1	1.7	65%	1.3	76%
Ojo Redondo	SC	8200						
Quemazon	SNOTEL	9507	16	4.0	3.8	105%	1.4	37%
Rice Park	SNOTEL	8497	11	2.6	2.0	130%	1.9	95%
Rio En Medio	SC	10300						
Santa Fe	SNOTEL	11465	26	6.2	6.1	102%	3.6	59%
Senorita Divide #2	SNOTEL	8569	15	3.4	2.8	121%	1.3	46%
Signal Peak	SNOTEL	8405	1	0.3	1.6	19%	0.8	50%
Vacas Locas	SNOTEL	9364	19	4.9	4.5	109%	3.6	80%
Basin Index						**110%**		**63%**
# of sites						10		10

Jemez	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Garita Peak	SNOTEL	10115	17	4.0			2.4	
Quemazon	SNOTEL	9507	16	4.0	3.8	105%	1.4	37%
Senorita Divide #2	SNOTEL	8569	15	3.4	2.8	121%	1.3	46%
Vacas Locas	SNOTEL	9364	19	4.9	4.5	109%	3.6	80%
Basin Index						**111%**		**57%**
# 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	3	1.1	1.7	65%	1.3	76%
Signal Peak	SNOTEL	8405	1	0.3	1.6	19%	0.8	50%
Basin Index						**42%**		**64%**
# of sites						2		2

Pecos	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	8	2.9	1.6	181%	1.3	81%
PanchueLa	SC	8400			1.4			
Rio En Medio	SC	10300						
Santa Fe	SNOTEL	11465	26	6.2	6.1	102%	3.6	59%

Pecos (cont.)	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Sierra Blanca	SNOTEL	10268	4	1.3	4.2	31%	0.7	17%
Wesner Springs	SNOTEL	11151	21	5.0	6.6	76%	2.9	44%
Basin Index						**83%**		**46%**
# 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	8	2.9	1.6	181%	1.3	81%
PanchueLa	SC	8400			1.4			
Rio En Medio	SC	10300						
Santa Fe	SNOTEL	11465	26	6.2	6.1	102%	3.6	59%
Wesner Springs	SNOTEL	11151	21	5.0	6.6	76%	2.9	44%
Basin Index						**99%**		**55%**
# 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	4	1.3	4.2	31%	0.7	17%
Basin Index						**31%**		**17%**
# 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	14	3.5	4.2	83%	4.0	95%
Chamita	SNOTEL	8383	11	2.6	4.0	65%	3.0	75%
Cumbres Trestle	SNOTEL	10035	22	5.3	10.1	52%	10.4	103%
Elk Cabin	SNOTEL	8239	8	2.9	1.6	181%	1.3	81%
Gallegos Peak	SNOTEL	9480	16	3.2	4.4	73%	3.4	77%
Garita Peak	SNOTEL	10115	17	4.0			2.4	
Hematite Park	SC	9500						
Hopewell	SNOTEL	10095	16	3.4	6.8	50%	5.8	85%
North Costilla	SNOTEL	10598	7	1.3	3.3	39%	1.1	33%
Palo	SC	9300						
Palo	SNOTEL	9343	9	2.7	3.1	87%	1.3	42%
Quemazon	SNOTEL	9507	16	4.0	3.8	105%	1.4	37%
Red River Pass #2	SNOTEL	9855	8	1.9	3.8	50%	1.7	45%
Rio En Medio	SC	10300						
Rio Santa Barbara	SNOTEL	10664	20	3.9			3.9	
Santa Fe	SNOTEL	11465	26	6.2	6.1	102%	3.6	59%
Shuree	SNOTEL	10092	10	2.1	2.6	81%	1.0	38%
Taos Canyon	SC	9100						
Taos Powderhorn	SC	11250	25	5.5	11.4	48%	5.8	51%
Taos Powderhorn	SNOTEL	11045	19	5.5	8.2	67%	4.9	60%
Taos Pueblo	SNOTEL	11020	18	4.3			3.4	
Tres Ritos	SNOTEL	8755	7	2.3	1.6	144%	0.5	31%
Basin Index						**70%**		**66%**
# 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	14	3.5	4.2	83%	4.0	95%
Chamita	SNOTEL	8383	11	2.6	4.0	65%	3.0	75%
Cumbres Trestle	SNOTEL	10035	22	5.3	10.1	52%	10.4	103%
Garita Peak	SNOTEL	10115	17	4.0			2.4	
Hopewell	SNOTEL	10095	16	3.4	6.8	50%	5.8	85%
Basin Index						**59%**		**92%**
# 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	8	2.9	1.6	181%	1.3	81%
Gallegos Peak	SNOTEL	9480	16	3.2	4.4	73%	3.4	77%
Hematite Park	SC	9500						
North Costilla	SNOTEL	10598	7	1.3	3.3	39%	1.1	33%
Palo	SNOTEL	9343	9	2.7	3.1	87%	1.3	42%
Palo	SC	9300						
Quemazon	SNOTEL	9507	16	4.0	3.8	105%	1.4	37%
Red River Pass #2	SNOTEL	9855	8	1.9	3.8	50%	1.7	45%
Rio En Medio	SC	10300						
Rio Santa Barbara	SNOTEL	10664	20	3.9			3.9	
Santa Fe	SNOTEL	11465	26	6.2	6.1	102%	3.6	59%
Shuree	SNOTEL	10092	10	2.1	2.6	81%	1.0	38%
Taos Canyon	SC	9100						
Taos Powderhorn	SC	11250	25	5.5	11.4	48%	5.8	51%
Taos Powderhorn	SNOTEL	11045	19	5.5	8.2	67%	4.9	60%
Taos Pueblo	SNOTEL	11020	18	4.3			3.4	
Tres Ritos	SNOTEL	8755	7	2.3	1.6	144%	0.5	31%
Basin Index						**75%**		**52%**
# 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	20	5.0	9.6	52%	8.6	90%
Cochetopa Pass	SNOTEL	10061	7	1.1	2.1	52%	2.4	114%
Cochetopa Pass	SC	10000						
Culebra #2	SNOTEL	10562	18	4.0	5.9	68%	3.9	66%
Cumbres Trestle	SNOTEL	10035	22	5.3	10.1	52%	10.4	103%
Grayback	SC	11600						
Grayback	SNOTEL	11626	11	3.0			2.4	
Hayden Pass	SNOTEL	10699	13	2.8	6.1	46%	1.9	31%
La Veta Pass	SC	9440						
Lily Pond	SNOTEL	11069	14	3.2	6.0	53%	5.3	88%
Medano Pass	SNOTEL	9668	5	1.1	2.7	41%	0.7	26%
Middle Creek	SNOTEL	11269	20	5.1	9.0	57%	8.6	96%
Moon Pass	SNOTEL	11128	8	1.9	3.0	63%	1.1	37%
North Costilla	SNOTEL	10598	7	1.3	3.3	39%	1.1	33%
Pinos Mill	SC	10000						
Platoro	SC	9880						
Pool Table Mountain	SC	9840						
Porcupine	SC	10280						
San Antonio Sink	SNOTEL	9143	10	2.1			3.0	
San Antonio Sink	SC	9200						
Sargents Mesa	SNOTEL	11499	12	2.3	4.2	55%	4.7	112%
Silver Lakes	SC	9500						
Slumgullion	SNOTEL	11560	17	3.7	6.5	57%	4.8	74%
Trinchera	SNOTEL	10922	13	2.5	5.0	50%	3.5	70%
Upper Rio Grande	SNOTEL	9379	13	2.7	2.8	96%	2.8	100%
Ute Creek	SNOTEL	10734	12	2.4	5.3	45%	2.1	40%
Wager Gulch	SNOTEL	11132	13	2.7			3.6	
Wolf Creek Summit	SNOTEL	10957	30	7.7	14.5	53%	13.1	90%
Basin Index						**54%**		**78%**
# of sites						16		16

Alamosa	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Grayback	SNOTEL	11626	11	3.0			2.4	
Grayback	SC	11600						
Lily Pond	SNOTEL	11069	14	3.2	6.0	53%	5.3	88%
Platoro	SC	9880						
Silver Lakes	SC	9500						
Basin Index						**53%**		**88%**
# 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	22	5.3	10.1	52%	10.4	103%
Lily Pond	SNOTEL	11069	14	3.2	6.0	53%	5.3	88%
Pinos Mill	SC	10000						
Platoro	SC	9880						
San Antonio Sink	SNOTEL	9143	10	2.1			3.0	
San Antonio Sink	SC	9200						
Basin Index						**53%**		**98%**
# 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	4.0	5.9	68%	3.9	66%
La Veta Pass	SC	9440						
Trinchera	SNOTEL	10922	13	2.5	5.0	50%	3.5	70%
Ute Creek	SNOTEL	10734	12	2.4	5.3	45%	2.1	40%
Basin Index						**55%**		**59%**
# 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	20	5.0	9.6	52%	8.6	90%
Grayback	SNOTEL	11626	11	3.0			2.4	
Grayback	SC	11600						
Middle Creek	SNOTEL	11269	20	5.1	9.0	57%	8.6	96%
Pool Table Mountain	SC	9840						
Porcupine	SC	10280						
Slumgullion	SNOTEL	11560	17	3.7	6.5	57%	4.8	74%
Upper Rio Grande	SNOTEL	9379	13	2.7	2.8	96%	2.8	100%
Wager Gulch	SNOTEL	11132	13	2.7			3.6	
Wolf Creek Summit	SNOTEL	10957	30	7.7	14.5	53%	13.1	90%
Basin Index						**57%**		**89%**
# 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	20	5.0	9.6	52%	8.6	90%
Beaver Spring	SNOTEL	9255	14	3.7	4.2	88%	5.1	121%
Beaver Spring	SC	9220	13	2.8	3.6	78%		
Bowl Canyon	SC	8980	18	3.8	3.4	112%		
Cascade #2	SNOTEL	9012	11	3.2	4.3	74%	4.7	109%
Columbus Basin	SNOTEL	10781	20	4.8	9.8	49%	7.5	77%
Hidden Valley	SC	8480	13	2.9	2.4	121%		
Lemon Reservoir	SC	8700						
Mancos	SNOTEL	10044	19	4.2	5.6	75%	5.2	93%

San Juan (cont.)	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Mineral Creek	SNOTEL	10046	18	3.8	6.0	63%	6.6	110%
Missionary Spring	SC	7940	0	0.0	1.1	0%	0.0	0%
Molas Lake	SNOTEL	10631	17	3.4	7.9	43%	7.6	96%
Navajo Whiskey Ck	SNOTEL	9064	11	2.9	3.9	74%	5.5	141%
Red Mountain Pass	SNOTEL	11080	27	6.3	9.6	66%	9.9	103%
Sharkstooth	SNOTEL	10747	21	4.4	7.4	59%	6.8	92%
Spud Mountain	SNOTEL	10674	22	5.5	10.4	53%	10.5	101%
Stump Lakes	SNOTEL	11248	23	5.3	7.6	70%	7.3	96%
Tsaile Canyon #1	SC	8160	13	3.4	2.4	142%	2.4	100%
Tsaile Canyon #3	SC	8920	14	2.9	3.8	76%	3.4	89%
Upper San Juan	SNOTEL	10140	28	6.7	11.8	57%	11.9	101%
Upper San Juan	SC	10200						
Vallecito	SNOTEL	10782	24	5.0	6.2	81%	6.3	102%
Weminuche Creek	SNOTEL	10749	26	5.8	7.6	76%	6.7	88%
Whiskey Creek	SC	9050	14	2.5	3.4	74%		
Wolf Creek Summit	SNOTEL	10957	30	7.7	14.5	53%	13.1	90%
Basin Index						**63%***		**97%**
# 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	20	5.0	9.6	52%	8.6	90%
Cascade #2	SNOTEL	9012	11	3.2	4.3	74%	4.7	109%
Columbus Basin	SNOTEL	10781	20	4.8	9.8	49%	7.5	77%
Lemon Reservoir	SC	8700						
Mineral Creek	SNOTEL	10046	18	3.8	6.0	63%	6.6	110%
Molas Lake	SNOTEL	10631	17	3.4	7.9	43%	7.6	96%
Red Mountain Pass	SNOTEL	11080	27	6.3	9.6	66%	9.9	103%
Spud Mountain	SNOTEL	10674	22	5.5	10.4	53%	10.5	101%
Stump Lakes	SNOTEL	11248	23	5.3	7.6	70%	7.3	96%
Upper San Juan	SC	10200						
Upper San Juan	SNOTEL	10140	28	6.7	11.8	57%	11.9	101%
Vallecito	SNOTEL	10782	24	5.0	6.2	81%	6.3	102%
Weminuche Creek	SNOTEL	10749	26	5.8	7.6	76%	6.7	88%
Wolf Creek Summit	SNOTEL	10957	30	7.7	14.5	53%	13.1	90%
Basin Index						**59%**		**96%**
# of sites						12		12

Zuni	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boon	SC	8140	9	2.6	1.2	217%	1.2	100%
Dan Valley	SC	7640	6	1.4	0.7	200%	1.0	143%
Mcgaffey	SC	8120	4	1.0	0.8	125%	1.2	150%
Basin Index						**185%**		**126%**
# of sites						3		3

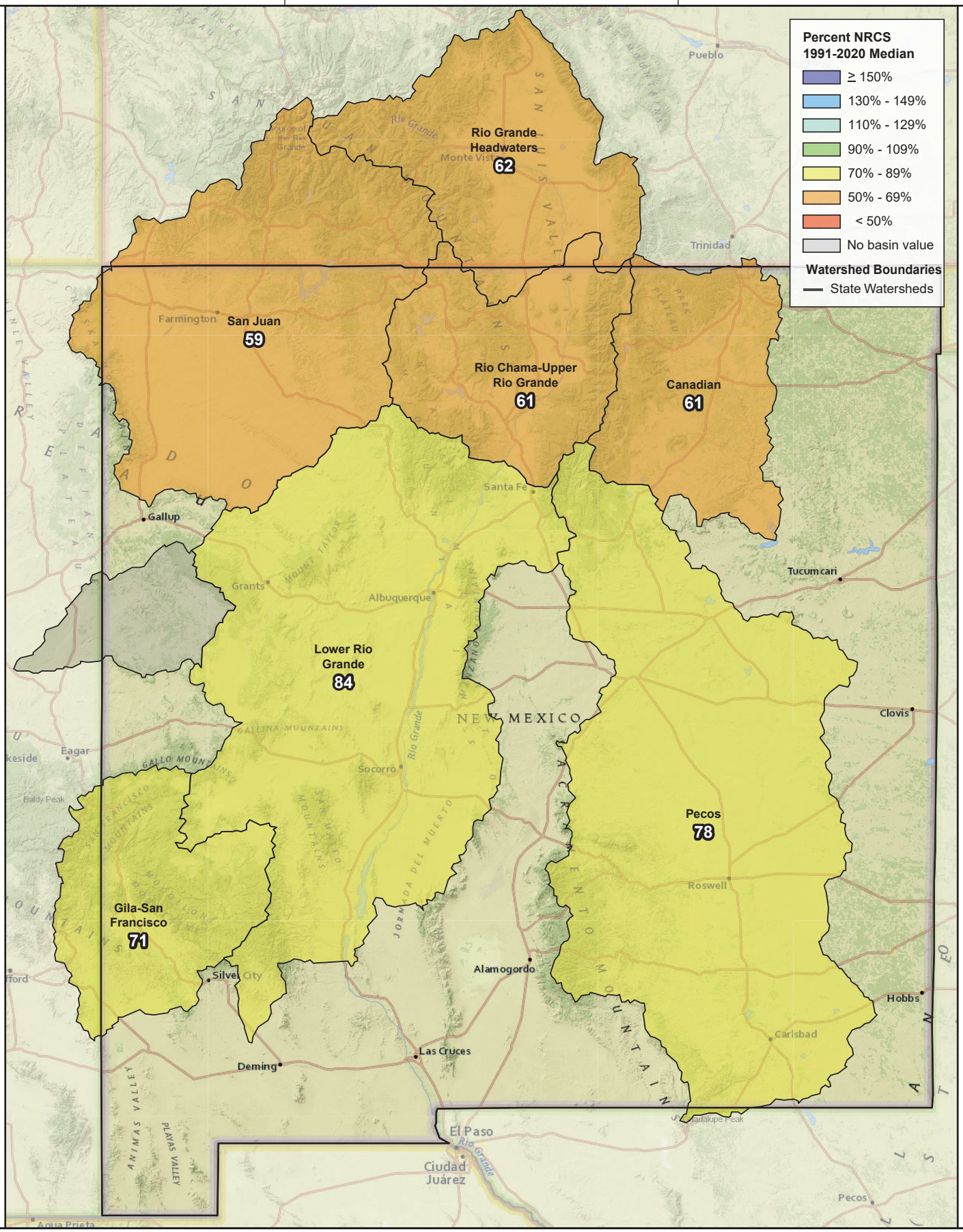
Zuni-Bluewater	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boon	SC	8140	9	2.6	1.2	217%	1.2	100%
Dan Valley	SC	7640	6	1.4	0.7	200%	1.0	143%
Mcgaffey	SC	8120	4	1.0	0.8	125%	1.2	150%
Ojo Redondo	SC	8200						
Rice Park	SNOTEL	8497	11	2.6	2.0	130%	1.9	95%
Basin Index						**162%**		**113%**
# of sites						4		4

State of New Mexico	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Aztec #2	SC	9880			1.5			
Bateman	SNOTEL	9249	14	3.5	4.2	83%	4.0	95%
Beartown	SNOTEL	11600	20	5.0	9.6	52%	8.6	90%
Beaver Head	SNOTEL	8076	5	1.9	2.0	95%	1.4	70%
Beaver Spring	SC	9220	13	2.8	3.6	78%		
Beaver Spring	SNOTEL	9255	14	3.7	4.2	88%	5.1	121%
Boon	SC	8140	9	2.6	1.2	217%	1.2	100%
Bowl Canyon	SC	8980	18	3.8	3.4	112%		
Cascade #2	SNOTEL	9012	11	3.2	4.3	74%	4.7	109%
Chamita	SNOTEL	8383	11	2.6	4.0	65%	3.0	75%
Cochetopa Pass	SNOTEL	10061	7	1.1	2.1	52%	2.4	114%
Cochetopa Pass	SC	10000						
Columbus Basin	SNOTEL	10781	20	4.8	9.8	49%	7.5	77%
Coronado Trail	SC	8350	10	1.3	0.5	260%		
Coronado Trail	SNOTEL	8418	8	1.6	1.4	114%	0.8	57%
Culebra #2	SNOTEL	10562	18	4.0	5.9	68%	3.9	66%
Cumbres Trestle	SNOTEL	10035	22	5.3	10.1	52%	10.4	103%
Dan Valley	SC	7640	6	1.4	0.7	200%	1.0	143%
Elk Cabin	SNOTEL	8239	8	2.9	1.6	181%	1.3	81%
Frisco Divide	SNOTEL	8013	4	1.1	1.3	85%	0.7	54%
Gallegos Peak	SNOTEL	9480	16	3.2	4.4	73%	3.4	77%
Garita Peak	SNOTEL	10115	17	4.0			2.4	
Grayback	SNOTEL	11626	11	3.0			2.4	
Grayback	SC	11600						
Hannagan Meadows	SNOTEL	9027	12	3.1	4.8	65%	2.5	52%
Hayden Pass	SNOTEL	10699	13	2.8	6.1	46%	1.9	31%
Hematite Park	SC	9500						
Hidden Valley	SC	8480	13	2.9	2.4	121%		
Hopewell	SNOTEL	10095	16	3.4	6.8	50%	5.8	85%
La Veta Pass	SC	9440						
Lemon Reservoir	SC	8700						
Lily Pond	SNOTEL	11069	14	3.2	6.0	53%	5.3	88%
Lookout Mountain	SNOTEL	8509	4	1.1	1.2	92%	0.2	17%
Mancos	SNOTEL	10044	19	4.2	5.6	75%	5.2	93%
Mcgaffey	SC	8120	4	1.0	0.8	125%	1.2	150%
Mcknight Cabin	SNOTEL	9242	3	1.1	1.7	65%	1.3	76%
Medano Pass	SNOTEL	9668	5	1.1	2.7	41%	0.7	26%
Middle Creek	SNOTEL	11269	20	5.1	9.0	57%	8.6	96%
Mineral Creek	SNOTEL	10046	18	3.8	6.0	63%	6.6	110%
Missionary Spring	SC	7940	0	0.0	1.1	0%	0.0	0%
Molas Lake	SNOTEL	10631	17	3.4	7.9	43%	7.6	96%
Moon Pass	SNOTEL	11128	8	1.9	3.0	63%	1.1	37%
Navajo Whiskey Ck	SNOTEL	9064	11	2.9	3.9	74%	5.5	141%
North Costilla	SNOTEL	10598	7	1.3	3.3	39%	1.1	33%
Nutrioso	SC	8500	6	0.8	0.2	400%		
Nutrioso	SNOTEL	8571	3	1.2	0.8	150%	0.1	13%
Ojo Redondo	SC	8200						
Palo	SNOTEL	9343	9	2.7	3.1	87%	1.3	42%
Palo	SC	9300						
PanchueLa	SC	8400			1.4			
Pinos Mill	SC	10000						
Platoro	SC	9880						
Pool Table Mountain	SC	9840						
Porcupine	SC	10280						
Quemazon	SNOTEL	9507	16	4.0	3.8	105%	1.4	37%
Red Mountain Pass	SNOTEL	11080	27	6.3	9.6	66%	9.9	103%

State of New Mexico (cont.)	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Red River Pass #2	SNOTEL	9855	8	1.9	3.8	50%	1.7	45%
Rice Park	SNOTEL	8497	11	2.6	2.0	130%	1.9	95%
Rio En Medio	SC	10300						
Rio Santa Barbara	SNOTEL	10664	20	3.9			3.9	
San Antonio Sink	SC	9200						
San Antonio Sink	SNOTEL	9143	10	2.1			3.0	
Santa Fe	SNOTEL	11465	26	6.2	6.1	102%	3.6	59%
Sargents Mesa	SNOTEL	11499	12	2.3	4.2	55%	4.7	112%
Senorita Divide #2	SNOTEL	8569	15	3.4	2.8	121%	1.3	46%
Sharkstooth	SNOTEL	10747	21	4.4	7.4	59%	6.8	92%
Shuree	SNOTEL	10092	10	2.1	2.6	81%	1.0	38%
Sierra Blanca	SNOTEL	10268	4	1.3	4.2	31%	0.7	17%
Signal Peak	SNOTEL	8405	1	0.3	1.6	19%	0.8	50%
Silver Creek Divide	SNOTEL	9096	15	4.3	3.1	139%	2.7	87%
Silver Lakes	SC	9500						
Slumgullion	SNOTEL	11560	17	3.7	6.5	57%	4.8	74%
Spud Mountain	SNOTEL	10674	22	5.5	10.4	53%	10.5	101%
State Line	SC	8000	9	1.2	0.7	171%	0.5	71%
Stump Lakes	SNOTEL	11248	23	5.3	7.6	70%	7.3	96%
Taos Canyon	SC	9100						
Taos Powderhorn	SC	11250	25	5.5	11.4	48%	5.8	51%
Taos Powderhorn	SNOTEL	11045	19	5.5	8.2	67%	4.9	60%
Taos Pueblo	SNOTEL	11020	18	4.3			3.4	
Tolby	SNOTEL	10220	13	2.7	3.8	71%	2.0	53%
Tres Ritos	SNOTEL	8755	7	2.3	1.6	144%	0.5	31%
Trinchera	SNOTEL	10922	13	2.5	5.0	50%	3.5	70%
Tsaile Canyon #1	SC	8160	13	3.4	2.4	142%	2.4	100%
Tsaile Canyon #3	SC	8920	14	2.9	3.8	76%	3.4	89%
Upper Rio Grande	SNOTEL	9379	13	2.7	2.8	96%	2.8	100%
Upper San Juan	SC	10200						
Upper San Juan	SNOTEL	10140	28	6.7	11.8	57%	11.9	101%
Ute Creek	SNOTEL	10734	12	2.4	5.3	45%	2.1	40%
Vacas Locas	SNOTEL	9364	19	4.9	4.5	109%	3.6	80%
Vallecito	SNOTEL	10782	24	5.0	6.2	81%	6.3	102%
Wager Gulch	SNOTEL	11132	13	2.7			3.6	
Weminuche Creek	SNOTEL	10749	26	5.8	7.6	76%	6.7	88%
Wesner Springs	SNOTEL	11151	21	5.0	6.6	76%	2.9	44%
Whiskey Creek	SC	9050	14	2.5	3.4	74%		
Wolf Creek Summit	SNOTEL	10957	30	7.7	14.5	53%	13.1	90%
Statewide Index						**68%**		**79%**
# of sites						65		65

*In instances where the aggregated Basin Index in these tables differs from the percent of median displayed on the map-based graphic, the map-based percent of median shown for a given basin is a more accurate portrayal of the percent of reference period median for Snow Water Equivalent as of January 1, 2024. This discrepancy is an effect of the calculation logic as related to missing values at a given site on January 1 of last year. In cases with such missing data, those locations are not accounted for in the Basin Index as shown on these tables but are accounted for in the Interactive Map and other near- real time products such as the Air, Water, and Soil Plots available online.

Water Year to Date Precipitation	Basin Wide Water Year Cumulative Precipitation Percent NRCS 1991-2020 Median	October 1, 2023 - December 31, 2023



USDA Natural Resources Conservation Service
United States Department of Agriculture

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0 10 20 40 60 80 100 Miles

Created 1-05-2024

Basinwide Summary: January 1, 2024
(Medians based On 1991-2020 reference period)

			Monthly Total Precipitation For December 2023					Water Year To Date Precipitation through December 2023				
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	1.9	2	95%	1.2	60%	3.6	6.1	59%	4.6	75%
Palo	SNOTEL	9343		1.8		0.9	50%	3	4.9	61%	4	82%
Red River Pass #2	SNOTEL	9855	1.2	1.4	86%	0.6	43%	2.6	5	52%	4.2	84%
Shuree	SNOTEL	10092	1.4	1.4	100%	0.6	43%	2.7	4	68%	3.5	88%
Taos Pueblo	SNOTEL	11020	3			3.2		4.9			10.2	
Tolby	SNOTEL	10220	1.8	2	90%	1.1	55%	2.9	6.3	46%	4.7	75%
Wesner Springs	SNOTEL	11151	4.3	3	143%	1.6	53%	6.3	8.5	74%	8.6	101%
Basin Index					**108%**		**52%**			**61%**		**85%**
# of sites					5		5			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	1.9	2	95%	1.2	60%	3.6	6.1	59%	4.6	75%
Palo	SNOTEL	9343		1.8		0.9	50%	3	4.9	61%	4	82%
Red River Pass #2	SNOTEL	9855	1.2	1.4	86%	0.6	43%	2.6	5	52%	4.2	84%
Shuree	SNOTEL	10092	1.4	1.4	100%	0.6	43%	2.7	4	68%	3.5	88%
Taos Pueblo	SNOTEL	11020	3			3.2		4.9			10.2	
Tolby	SNOTEL	10220	1.8	2	90%	1.1	55%	2.9	6.3	46%	4.7	75%
Basin Index					**93%**		**51%**			**56%**		**80%**
# of sites					4		4			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	2.1			3.3		3.5			7.3	
Coronado Trail	SNOTEL	8418	1.9	1.8	106%	3.3	183%	3.6	5.6	64%	7.3	130%
Frisco Divide	SNOTEL	8013	1.1	1.2	92%	3	250%	2.8	4.5	62%	6.8	151%
Hannagan Meadows	SNOTEL	9027	2.7	3.4	79%	5.2	153%	5.7	7.6	75%	10.3	136%
Lookout Mountain	SNOTEL	8509	1.5	1.4	107%	1.6	114%	3.3	4.1	80%	7	171%
Nutrioso	SNOTEL	8571	1.5	1.8	83%	2.8	156%	2.8	3	93%	6.5	217%
Signal Peak	SNOTEL	8405	1.4	2.4	58%	2.8	117%	3	5.8	52%	9.8	169%
Silver Creek Divide	SNOTEL	9096	3.1	3.3	94%	4.5	136%	5.8	7.6	76%	10.6	139%
Basin Index					**86%**		**152%**			**71%**		**153%**
# of sites					7		7			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	2.1			3.3		3.5			7.3	
Coronado Trail	SNOTEL	8418	1.9	1.8	106%	3.3	183%	3.6	5.6	64%	7.3	130%
Frisco Divide	SNOTEL	8013	1.1	1.2	92%	3	250%	2.8	4.5	62%	6.8	151%
Hannagan Meadows	SNOTEL	9027	2.7	3.4	79%	5.2	153%	5.7	7.6	75%	10.3	136%
Nutrioso	SNOTEL	8571	1.5	1.8	83%	2.8	156%	2.8	3	93%	6.5	217%
Silver Creek Divide	SNOTEL	9096	3.1	3.3	94%	4.5	136%	5.8	7.6	76%	10.6	139%
Basin Index					**90%**		**163%**			**73%**		**147%**
# of sites					5		5			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	1.5	1.4	107%	1.6	114%	3.3	4.1	80%	7	171%
Signal Peak	SNOTEL	8405	1.4	2.4	58%	2.8	117%	3	5.8	52%	9.8	169%
Silver Creek Divide	SNOTEL	9096	3.1	3.3	94%	4.5	136%	5.8	7.6	76%	10.6	139%
Basin Index					**85%**		**125%**			**69%**		**157%**
# of sites					3		3			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	2.8	1.8	156%	1.6	89%	5.1	5	102%	6.5	130%
Garita Peak	SNOTEL	10115	2.8			1.6		4.8			7	
Lookout Mountain	SNOTEL	8509	1.5	1.4	107%	1.6	114%	3.3	4.1	80%	7	171%
Mcknight Cabin	SNOTEL	9242	1.3	1.5	87%	1.6	107%	3.1	3.9	79%	8.4	215%
Quemazon	SNOTEL	9507	2.6	2.2	118%	0.6	27%	5.3	6.2	85%	6.6	106%
Rice Park	SNOTEL	8497	1.6	2.2	73%	2.8	127%	4.5	4.5	100%	6.8	151%
Santa Fe	SNOTEL	11465	4.8	2.8	171%	2.7	96%	6.5	8.1	80%	7.7	95%
Senorita Divide #2	SNOTEL	8569	2.8	2.5	112%	2.3	92%	6	6.4	94%	6	94%
Signal Peak	SNOTEL	8405	1.4	2.4	58%	2.8	117%	3	5.8	52%	9.8	169%
Vacas Locas	SNOTEL	9364	2.7	3	90%	2.5	83%	5.4	6.5	83%	6.2	95%
Basin Index					**109%**		**93%**			**84%**		**129%**
# of sites					9		9			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	2.8			1.6		4.8			7	
Quemazon	SNOTEL	9507	2.6	2.2	118%	0.6	27%	5.3	6.2	85%	6.6	106%
Senorita Divide #2	SNOTEL	8569	2.8	2.5	112%	2.3	92%	6	6.4	94%	6	94%
Vacas Locas	SNOTEL	9364	2.7	3	90%	2.5	83%	5.4	6.5	83%	6.2	95%
Basin Index					**105%**		**70%**			**87%**		**98%**
# of sites					3		3			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	1.3	1.5	87%	1.6	107%	3.1	3.9	79%	8.4	215%
Signal Peak	SNOTEL	8405	1.4	2.4	58%	2.8	117%	3	5.8	52%	9.8	169%
Basin Index					**69%**		**113%**			**63%**		**188%**
# of sites					2		2			2		2

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	1.6	2.2	73%	2.8	127%	4.5	4.5	100%	6.8	151%
Basin Index					**73%**		**127%**			**100%**		**151%**
# of sites					1		1			1		1

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	2.8	1.8	156%	1.6	89%	5.1	5	102%	6.5	130%
Santa Fe	SNOTEL	11465	4.8	2.8	171%	2.7	96%	6.5	8.1	80%	7.7	95%
Sierra Blanca	SNOTEL	10268	2.8	3.5	80%	3	86%	5	7.8	64%	10.2	131%
Wesner Springs	SNOTEL	11151	4.3	3	143%	1.6	53%	6.3	8.5	74%	8.6	101%
Basin Index					**132%**		**80%**			**78%**		**112%**
# 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	2.8	1.8	156%	1.6	89%	5.1	5	102%	6.5	130%
Santa Fe	SNOTEL	11465	4.8	2.8	171%	2.7	96%	6.5	8.1	80%	7.7	95%
Wesner Springs	SNOTEL	11151	4.3	3	143%	1.6	53%	6.3	8.5	74%	8.6	101%
Basin Index					**157%**		**78%**			**83%**		**106%**
# 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	2.8	3.5	80%	3	86%	5	7.8	64%	10.2	131%
Basin Index					**80%**		**86%**			**64%**		**131%**
# 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	1.9	2.2	86%	1.8	82%	3.6	7	51%	5.9	84%
Chamita	SNOTEL	8383	1.7	1.6	106%	2.1	131%	3	6	50%	4.4	73%
Cumbres Trestle	SNOTEL	10035	2.9	3.2	91%	5.5	172%	5.5	12	46%	10.2	85%
Elk Cabin	SNOTEL	8239	2.8	1.8	156%	1.6	89%	5.1	5	102%	6.5	130%
Gallegos Peak	SNOTEL	9480	2.4	2.5	96%	1.7	68%	3.4	6.9	49%	7.4	107%
Garita Peak	SNOTEL	10115	2.8			1.6		4.8			7	
Hopewell	SNOTEL	10095	2.2	2.6	85%	3.2	123%	3.8	8.1	47%	7.2	89%
North Costilla	SNOTEL	10598	1.9	2	95%	1.2	60%	3.6	6.1	59%	4.6	75%
Palo	SNOTEL	9343		1.8		0.9	50%	3	4.9	61%	4	82%
Quemazon	SNOTEL	9507	2.6	2.2	118%	0.6	27%	5.3	6.2	85%	6.6	106%
Red River Pass #2	SNOTEL	9855	1.2	1.4	86%	0.6	43%	2.6	5	52%	4.2	84%
Rio Santa Barbara	SNOTEL	10664	3			1.2		4.2			7.4	
Santa Fe	SNOTEL	11465	4.8	2.8	171%	2.7	96%	6.5	8.1	80%	7.7	95%
Shuree	SNOTEL	10092	1.4	1.4	100%	0.6	43%	2.7	4	68%	3.5	88%
Taos Powderhorn	SNOTEL	11045	3.6	4.6	78%	2.2	48%	6	10.2	59%	8.3	81%
Taos Pueblo	SNOTEL	11020	3			3.2		4.9			10.2	
Tres Ritos	SNOTEL	8755	2.4	2	120%	1.1	55%	3.5	5.4	65%	5.7	106%
Basin Index					**105%**		**82%**			**61%**		**91%**
# of sites					13		13			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	1.9	2.2	86%	1.8	82%	3.6	7	51%	5.9	84%
Chamita	SNOTEL	8383	1.7	1.6	106%	2.1	131%	3	6	50%	4.4	73%
Cumbres Trestle	SNOTEL	10035	2.9	3.2	91%	5.5	172%	5.5	12	46%	10.2	85%
Garita Peak	SNOTEL	10115	2.8			1.6		4.8			7	
Hopewell	SNOTEL	10095	2.2	2.6	85%	3.2	123%	3.8	8.1	47%	7.2	89%
Basin Index					**91%**		**131%**			**48%**		**84%**
# 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	2.8	1.8	156%	1.6	89%	5.1	5	102%	6.5	130%
Gallegos Peak	SNOTEL	9480	2.4	2.5	96%	1.7	68%	3.4	6.9	49%	7.4	107%
North Costilla	SNOTEL	10598	1.9	2	95%	1.2	60%	3.6	6.1	59%	4.6	75%
Palo	SNOTEL	9343		1.8		0.9	50%	3	4.9	61%	4	82%
Quemazon	SNOTEL	9507	2.6	2.2	118%	0.6	27%	5.3	6.2	85%	6.6	106%
Red River Pass #2	SNOTEL	9855	1.2	1.4	86%	0.6	43%	2.6	5	52%	4.2	84%
Rio Santa Barbara	SNOTEL	10664	3			1.2		4.2			7.4	
Santa Fe	SNOTEL	11465	4.8	2.8	171%	2.7	96%	6.5	8.1	80%	7.7	95%
Shuree	SNOTEL	10092	1.4	1.4	100%	0.6	43%	2.7	4	68%	3.5	88%
Taos Powderhorn	SNOTEL	11045	3.6	4.6	78%	2.2	48%	6	10.2	59%	8.3	81%
Taos Pueblo	SNOTEL	11020	3			3.2		4.9			10.2	
Tres Ritos	SNOTEL	8755	2.4	2	120%	1.1	55%	3.5	5.4	65%	5.7	106%
Basin Index					**112%**		**59%**			**67%**		**95%**
# of sites					9		9			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	3	3.6	83%	4.3	119%	7.2	11.3	64%	11	97%
Cochetopa Pass	SNOTEL	10061	1	1.2	83%	0.9	75%	2	3.5	57%	2.8	80%
Culebra #2	SNOTEL	10562	1.8	1.6	113%	0.8	50%	3.3	6.2	53%	5	81%
Cumbres Trestle	SNOTEL	10035	2.9	3.2	91%	5.5	172%	5.5	12	46%	10.2	85%
Grayback	SNOTEL	11626	1.8	3	60%	2.1	70%	5.2	8	65%	8.2	103%
Hayden Pass	SNOTEL	10699	2.1	2.5	84%	0.4	16%	4.1	6.6	62%	4	61%
Lily Pond	SNOTEL	11069	2.1	2.4	88%	3.3	138%	5.8	9	64%	9.3	103%
Medano Pass	SNOTEL	9668	1.2	1.4	86%	0.7	50%	3.6	4.5	80%	3.4	76%
Middle Creek	SNOTEL	11269	2.2	2.9	76%	3.7	128%	8.1	12	68%	10.8	90%
Moon Pass	SNOTEL	11128	1.1	1.2	92%	0.4	33%	3.1	3.8	82%	2.5	66%
North Costilla	SNOTEL	10598	1.9	2	95%	1.2	60%	3.6	6.1	59%	4.6	75%
San Antonio Sink	SNOTEL	9143	1.6			1.3		2.9			3.5	
Sargents Mesa	SNOTEL	11499	1.7	2.2	77%	2.2	100%	2.9	5.5	53%	4.8	87%
Slumgullion	SNOTEL	11560	1.6	1.7	94%	1.9	112%	5.2	6.6	79%	5	76%
Trinchera	SNOTEL	10922	1.2	1.8	67%	0.6	33%	2.8	5.6	50%	5.8	104%
Upper Rio Grande	SNOTEL	9379	1.8	1.4	129%	1.4	100%	4.9	5.3	92%	4.8	91%
Ute Creek	SNOTEL	10734	2.5	2.6	96%	1.1	42%	3.7	7.1	52%	4.1	58%
Wager Gulch	SNOTEL	11132	1.8			1.7		4.5			5.2	
Wolf Creek Summit	SNOTEL	10957	2.7	4.2	64%	6.1	145%	7.9	15	53%	13.7	91%
Basin Index					**84%**		**94%**			**62%**		**86%**
# 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	1.8	3	60%	2.1	70%	5.2	8	65%	8.2	103%
Lily Pond	SNOTEL	11069	2.1	2.4	88%	3.3	138%	5.8	9	64%	9.3	103%
Basin Index					**72%**		**100%**			**65%**		**103%**
# 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	2.9	3.2	91%	5.5	172%	5.5	12	46%	10.2	85%
Lily Pond	SNOTEL	11069	2.1	2.4	88%	3.3	138%	5.8	9	64%	9.3	103%
San Antonio Sink	SNOTEL	9143	1.6			1.3		2.9			3.5	
Basin Index					**89%**		**157%**			**54%**		**93%**
# 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	1.8	1.6	113%	0.8	50%	3.3	6.2	53%	5	81%
Trinchera	SNOTEL	10922	1.2	1.8	67%	0.6	33%	2.8	5.6	50%	5.8	104%
Ute Creek	SNOTEL	10734	2.5	2.6	96%	1.1	42%	3.7	7.1	52%	4.1	58%
Basin Index					**92%**		**42%**			**52%**		**79%**
# 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	3	3.6	83%	4.3	119%	7.2	11.3	64%	11	97%
Grayback	SNOTEL	11626	1.8	3	60%	2.1	70%	5.2	8	65%	8.2	103%
Middle Creek	SNOTEL	11269	2.2	2.9	76%	3.7	128%	8.1	12	68%	10.8	90%
Slumgullion	SNOTEL	11560	1.6	1.7	94%	1.9	112%	5.2	6.6	79%	5	76%
Upper Rio Grande	SNOTEL	9379	1.8	1.4	129%	1.4	100%	4.9	5.3	92%	4.8	91%
Wager Gulch	SNOTEL	11132	1.8			1.7		4.5			5.2	
Wolf Creek Summit	SNOTEL	10957	2.7	4.2	64%	6.1	145%	7.9	15	53%	13.7	91%
Basin Index					**78%**		**116%**			**66%**		**92%**
# 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	3	3.6	83%	4.3	119%	7.2	11.3	64%	11	97%
Beaver Spring	SNOTEL	9255	2	3.8	53%	4.8	126%	5.2	7.6	68%	8.4	111%
Cascade #2	SNOTEL	9012	2.1	2.4	88%	4.3	179%	4.3	9	48%	8	89%
Columbus Basin	SNOTEL	10781	3.4	3.8	89%	5.8	153%	6	13.5	44%	10.9	81%
Mancos	SNOTEL	10044	2.1	2.2	95%	3.6	164%	4.6	7.8	59%	7.8	100%
Mineral Creek	SNOTEL	10046	2.6	2.1	124%	3.7	176%	5.4	7.8	69%	7.4	95%
Molas Lake	SNOTEL	10631	2.3	2.8	82%	4.5	161%	5.4	9.2	59%	8.8	96%
Navajo Whiskey Ck	SNOTEL	9064	1.6	3.1	52%	3.4	110%	4.2	6.6	64%	7.4	112%
Red Mountain Pass	SNOTEL	11080	3.7	3.5	106%	6	171%	7.9	11.8	67%	12	102%
Sharkstooth	SNOTEL	10747	2.4	3.6	67%	5.4	150%	6	10.3	58%	11	107%
Spud Mountain	SNOTEL	10674	3.2	3.8	84%	7.6	200%	6.6	13.4	49%	12.7	95%
Stump Lakes	SNOTEL	11248	3.1	2.7	115%	4.4	163%	6.2	9	69%	10	111%
Upper San Juan	SNOTEL	10140	3.3	4.4	75%	7.4	168%	9.3	16	58%	14.4	90%
Vallecito	SNOTEL	10782	1.8	2.4	75%	3.8	158%	5.2	9.4	55%	9.1	97%
Weminuche Creek	SNOTEL	10749	3.2	4.9	65%	4.3	88%	7.2	10.4	69%	10.2	98%
Wolf Creek Summit	SNOTEL	10957	2.7	4.2	64%	6.1	145%	7.9	15	53%	13.7	91%
Basin Index					**80%**		**149%**			**59%**		**97%**
# 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	3	3.6	83%	4.3	119%	7.2	11.3	64%	11	97%
Cascade #2	SNOTEL	9012	2.1	2.4	88%	4.3	179%	4.3	9	48%	8	89%
Columbus Basin	SNOTEL	10781	3.4	3.8	89%	5.8	153%	6	13.5	44%	10.9	81%
Mineral Creek	SNOTEL	10046	2.6	2.1	124%	3.7	176%	5.4	7.8	69%	7.4	95%
Molas Lake	SNOTEL	10631	2.3	2.8	82%	4.5	161%	5.4	9.2	59%	8.8	96%
Red Mountain Pass	SNOTEL	11080	3.7	3.5	106%	6	171%	7.9	11.8	67%	12	102%
Spud Mountain	SNOTEL	10674	3.2	3.8	84%	7.6	200%	6.6	13.4	49%	12.7	95%
Stump Lakes	SNOTEL	11248	3.1	2.7	115%	4.4	163%	6.2	9	69%	10	111%
Upper San Juan	SNOTEL	10140	3.3	4.4	75%	7.4	168%	9.3	16	58%	14.4	90%
Vallecito	SNOTEL	10782	1.8	2.4	75%	3.8	158%	5.2	9.4	55%	9.1	97%
Weminuche Creek	SNOTEL	10749	3.2	4.9	65%	4.3	88%	7.2	10.4	69%	10.2	98%
Wolf Creek Summit	SNOTEL	10957	2.7	4.2	64%	6.1	145%	7.9	15	53%	13.7	91%
Basin Index					**85%**		**153%**			**58%**		**94%**
# of sites					12		12			12		12

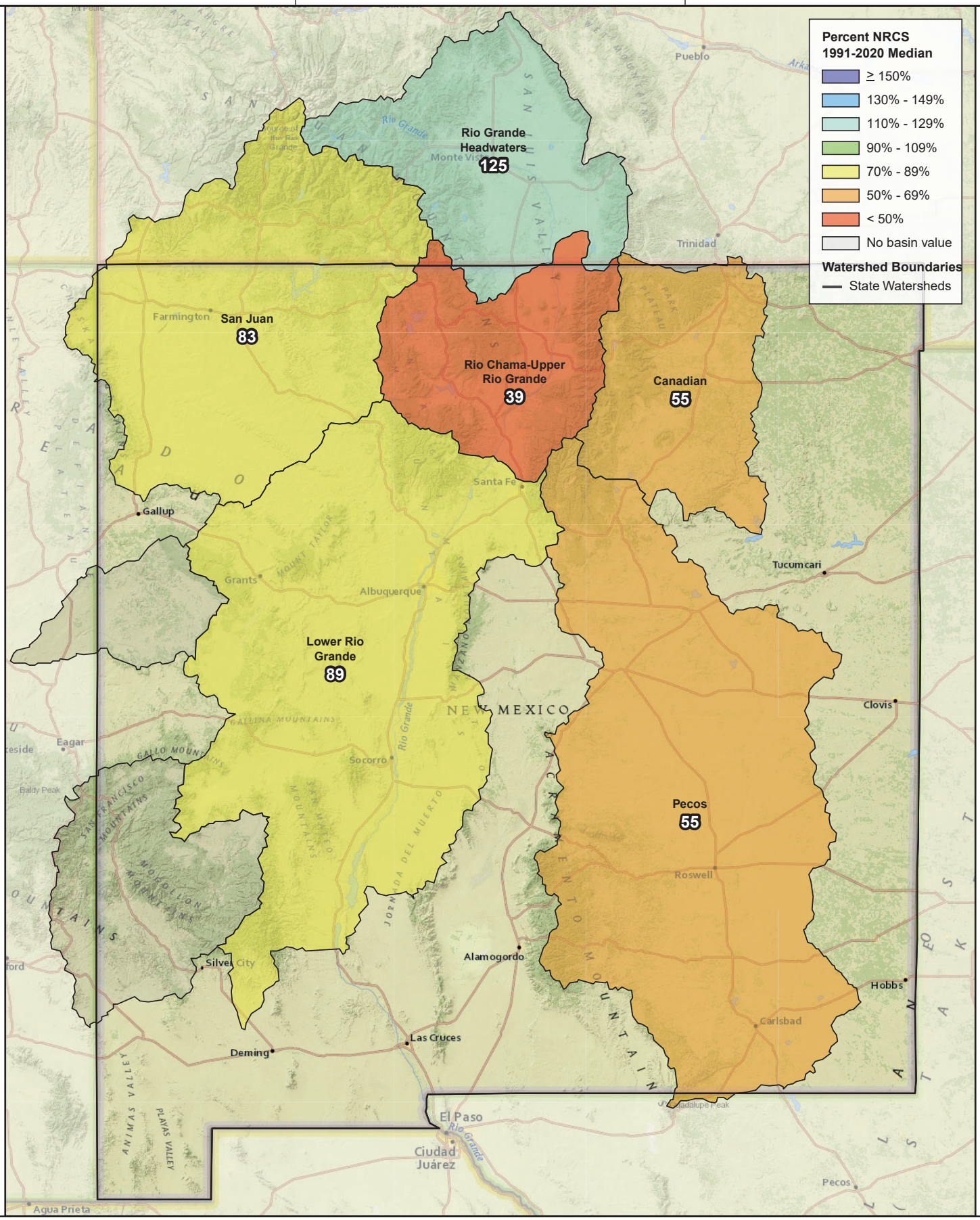
State of New Mexico	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Bateman	SNOTEL	9249	1.9	2.2	86%	1.8	82%	3.6	7	51%	5.9	84%
Beartown	SNOTEL	11600	3	3.6	83%	4.3	119%	7.2	11.3	64%	11	97%
Beaver Head	SNOTEL	8076	2.1			3.3		3.5			7.3	
Beaver Spring	SNOTEL	9255	2	3.8	53%	4.8	126%	5.2	7.6	68%	8.4	111%
Cascade #2	SNOTEL	9012	2.1	2.4	88%	4.3	179%	4.3	9	48%	8	89%
Chamita	SNOTEL	8383	1.7	1.6	106%	2.1	131%	3	6	50%	4.4	73%
Cochetopa Pass	SNOTEL	10061	1	1.2	83%	0.9	75%	2	3.5	57%	2.8	80%
Columbus Basin	SNOTEL	10781	3.4	3.8	89%	5.8	153%	6	13.5	44%	10.9	81%
Coronado Trail	SNOTEL	8418	1.9	1.8	106%	3.3	183%	3.6	5.6	64%	7.3	130%
Culebra #2	SNOTEL	10562	1.8	1.6	113%	0.8	50%	3.3	6.2	53%	5	81%
Cumbres Trestle	SNOTEL	10035	2.9	3.2	91%	5.5	172%	5.5	12	46%	10.2	85%
Elk Cabin	SNOTEL	8239	2.8	1.8	156%	1.6	89%	5.1	5	102%	6.5	130%
Frisco Divide	SNOTEL	8013	1.1	1.2	92%	3	250%	2.8	4.5	62%	6.8	151%
Gallegos Peak	SNOTEL	9480	2.4	2.5	96%	1.7	68%	3.4	6.9	49%	7.4	107%
Garita Peak	SNOTEL	10115	2.8			1.6		4.8			7	
Grayback	SNOTEL	11626	1.8	3	60%	2.1	70%	5.2	8	65%	8.2	103%
Hannagan Meadows	SNOTEL	9027	2.7	3.4	79%	5.2	153%	5.7	7.6	75%	10.3	136%
Hayden Pass	SNOTEL	10699	2.1	2.5	84%	0.4	16%	4.1	6.6	62%	4	61%
Hopewell	SNOTEL	10095	2.2	2.6	85%	3.2	123%	3.8	8.1	47%	7.2	89%
Lily Pond	SNOTEL	11069	2.1	2.4	88%	3.3	138%	5.8	9	64%	9.3	103%
Lookout Mountain	SNOTEL	8509	1.5	1.4	107%	1.6	114%	3.3	4.1	80%	7	171%
Mancos	SNOTEL	10044	2.1	2.2	95%	3.6	164%	4.6	7.8	59%	7.8	100%
Mcknight Cabin	SNOTEL	9242	1.3	1.5	87%	1.6	107%	3.1	3.9	79%	8.4	215%
Medano Pass	SNOTEL	9668	1.2	1.4	86%	0.7	50%	3.6	4.5	80%	3.4	76%
Middle Creek	SNOTEL	11269	2.2	2.9	76%	3.7	128%	8.1	12	68%	10.8	90%
Mineral Creek	SNOTEL	10046	2.6	2.1	124%	3.7	176%	5.4	7.8	69%	7.4	95%
Molas Lake	SNOTEL	10631	2.3	2.8	82%	4.5	161%	5.4	9.2	59%	8.8	96%
Moon Pass	SNOTEL	11128	1.1	1.2	92%	0.4	33%	3.1	3.8	82%	2.5	66%
Navajo Whiskey Ck	SNOTEL	9064	1.6	3.1	52%	3.4	110%	4.2	6.6	64%	7.4	112%
North Costilla	SNOTEL	10598	1.9	2	95%	1.2	60%	3.6	6.1	59%	4.6	75%
Nutrioso	SNOTEL	8571	1.5	1.8	83%	2.8	156%	2.8	3	93%	6.5	217%
Palo	SNOTEL	9343		1.8		0.9	50%	3	4.9	61%	4	82%
Quemazon	SNOTEL	9507	2.6	2.2	118%	0.6	27%	5.3	6.2	85%	6.6	106%
Red Mountain Pass	SNOTEL	11080	3.7	3.5	106%	6	171%	7.9	11.8	67%	12	102%
Red River Pass #2	SNOTEL	9855	1.2	1.4	86%	0.6	43%	2.6	5	52%	4.2	84%
Rice Park	SNOTEL	8497	1.6	2.2	73%	2.8	127%	4.5	4.5	100%	6.8	151%
Rio Santa Barbara	SNOTEL	10664	3			1.2		4.2			7.4	
San Antonio Sink	SNOTEL	9143	1.6			1.3		2.9			3.5	
Santa Fe	SNOTEL	11465	4.8	2.8	171%	2.7	96%	6.5	8.1	80%	7.7	95%
Sargents Mesa	SNOTEL	11499	1.7	2.2	77%	2.2	100%	2.9	5.5	53%	4.8	87%
Senorita Divide #2	SNOTEL	8569	2.8	2.5	112%	2.3	92%	6	6.4	94%	6	94%
Sharkstooth	SNOTEL	10747	2.4	3.6	67%	5.4	150%	6	10.3	58%	11	107%
Shuree	SNOTEL	10092	1.4	1.4	100%	0.6	43%	2.7	4	68%	3.5	88%
Sierra Blanca	SNOTEL	10268	2.8	3.5	80%	3	86%	5	7.8	64%	10.2	131%
Signal Peak	SNOTEL	8405	1.4	2.4	58%	2.8	117%	3	5.8	52%	9.8	169%
Silver Creek Divide	SNOTEL	9096	3.1	3.3	94%	4.5	136%	5.8	7.6	76%	10.6	139%
Slumgullion	SNOTEL	11560	1.6	1.7	94%	1.9	112%	5.2	6.6	79%	5	76%
Spud Mountain	SNOTEL	10674	3.2	3.8	84%	7.6	200%	6.6	13.4	49%	12.7	95%
Stump Lakes	SNOTEL	11248	3.1	2.7	115%	4.4	163%	6.2	9	69%	10	111%
Taos Powderhorn	SNOTEL	11045	3.6	4.6	78%	2.2	48%	6	10.2	59%	8.3	81%
Taos Pueblo	SNOTEL	11020	3			3.2		4.9			10.2	
Tolby	SNOTEL	10220	1.8	2	90%	1.1	55%	2.9	6.3	46%	4.7	75%
Tres Ritos	SNOTEL	8755	2.4	2	120%	1.1	55%	3.5	5.4	65%	5.7	106%
Trinchera	SNOTEL	10922	1.2	1.8	67%	0.6	33%	2.8	5.6	50%	5.8	104%
Upper Rio Grande	SNOTEL	9379	1.8	1.4	129%	1.4	100%	4.9	5.3	92%	4.8	91%
Upper San Juan	SNOTEL	10140	3.3	4.4	75%	7.4	168%	9.3	16	58%	14.4	90%
Ute Creek	SNOTEL	10734	2.5	2.6	96%	1.1	42%	3.7	7.1	52%	4.1	58%
Vacas Locas	SNOTEL	9364	2.7	3	90%	2.5	83%	5.4	6.5	83%	6.2	95%
Vallecito	SNOTEL	10782	1.8	2.4	75%	3.8	158%	5.2	9.4	55%	9.1	97%
Wager Gulch	SNOTEL	11132	1.8			1.7		4.5			5.2	
Weminuche Creek	SNOTEL	10749	3.2	4.9	65%	4.3	88%	7.2	10.4	69%	10.2	98%
Wesner Springs	SNOTEL	11151	4.3	3	143%	1.6	53%	6.3	8.5	74%	8.6	101%
Wolf Creek Summit	SNOTEL	10957	2.7	4.2	64%	6.1	145%	7.9	15	53%	13.7	91%
Statewide Index					**89%**		**114%**			**63%**		**100%**
# of sites					56		56			57		57

Reservoir Storage

Basin Wide Reservoir Storage

Percent NRCS 1991-2020 Median

End of December, 2023



USDA Natural Resources Conservation Service
United States Department of Agriculture

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0 10 20 40 60 80 100 Miles

Created 1-08-2024

Basinwide Summary: January 1, 2024
(Medians based On 1991-2020 reference period)

Reservoir Storage Summary For the End of December 2023

Canadian	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	35.2	31.6	44.2	79.0	44%	40%	56%	80%	71%
Conchas Lake	59.9	24.4	129.6	254.4	24%	10%	51%	46%	19%
Basin Index					**29%**	**17%**	**52%**	**55%**	**32%**
# of reservoirs					2	2	2	2	2

Lower Rio Grande	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Mcclure Reservoir	0.3	1.1	1.6	3.3	11%	35%	49%	22%	71%
Cochiti Lake	44.5	39.7	50.2	491.0	9%	8%	10%	89%	79%
Caballo Reservoir	10.0	50.9	34.2	332.0	3%	15%	10%	29%	149%
Elephant Butte Reservoir	466.4	226.1	510.2	2195.0	21%	10%	23%	91%	44%
Bluewater Lake	12.8	1.0	3.3	38.5	33%	3%	9%	387%	32%
Basin Index					**17%**	**10%**	**20%**	**89%**	**53%**
# of reservoirs					5	5	5	5	5

Pecos	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	21.1	36.1	21.2	1008.2	2%	4%	2%	100%	170%
Santa Rosa Reservoir	14.1	16.6	52.0	432.2	3%	4%	12%	27%	32%
Lake Sumner	17.0	16.2	23.3	102.0	17%	16%	23%	73%	70%
Lake Avalon	1.8	0.0	1.7	4.0	46%	0%	43%	108%	0%
Basin Index					**3%**	**4%**	**6%**	**55%**	**70%**
# of reservoirs					4	4	4	4	4

Rio Chama-Upper Rio Grande	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Costilla Reservoir	4.2	6.2	5.5	16.0	26%	39%	34%	77%	113%
El Vado Reservoir	0.5	0.8	79.5	184.8	0%	0%	43%	1%	1%
Nambe Falls Reservoir	1.3	1.7	1.7	1.7	77%	100%	101%	76%	99%
Heron Reservoir	99.7	41.2	228.2	400.0	25%	10%	57%	44%	18%
Abiquiu Reservoir	76.6	100.1	155.9	1198.5	6%	8%	13%	49%	64%
Basin Index					**10%**	**8%**	**26%**	**39%**	**32%**
# of reservoirs					5	5	5	5	5

Rio Grande Headwaters	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Terrace Reservoir	5.1	5.6	4.2	18.0	29%	31%	23%	122%	133%
Platoro Reservoir	33.2	13.9	17.2	60.0	55%	23%	29%	193%	81%
Santa Maria Reservoir	8.7	8.9	7.5	45.0	19%	20%	17%	116%	118%
Continental Reservoir	11.9	10.2	3.2	27.0	44%	38%	12%	371%	320%
Beaver Reservoir	3.2	3.3	4.1	4.5	71%	73%	91%	78%	80%
La Jara Reservoir	2.2	1.1	1.6					137%	67%
Rio Grande Reservoir	20.6	23.9	15.3	51.0	40%	47%	30%	135%	156%
Mountain Home Reservoir	2.0	3.9	2.4	18.0	11%	22%	13%	83%	163%
Sanchez Reservoir	6.3	7.9	19.3	103.0	6%	8%	19%	32%	41%
Basin Index					**28%**	**24%**	**22%**	**125%**	**105%**
# of reservoirs					8	8	8	9	9

San Juan	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Vallecito Reservoir	60.5	66.7	72.1	126.0	48%	53%	57%	84%	93%
Jackson Gulch Reservoir	4.6	5.5	4.0	10.0	46%	55%	40%	114%	138%
Lemon Reservoir	15.6	16.8	18.3	40.0	39%	42%	46%	85%	92%
Navajo Reservoir	1098.5	852.4	1330.0	1696.0	65%	50%	78%	83%	64%
Basin Index					**63%**	**50%**	**76%**	**83%**	**66%**
# of reservoirs					4	4	4	4	4

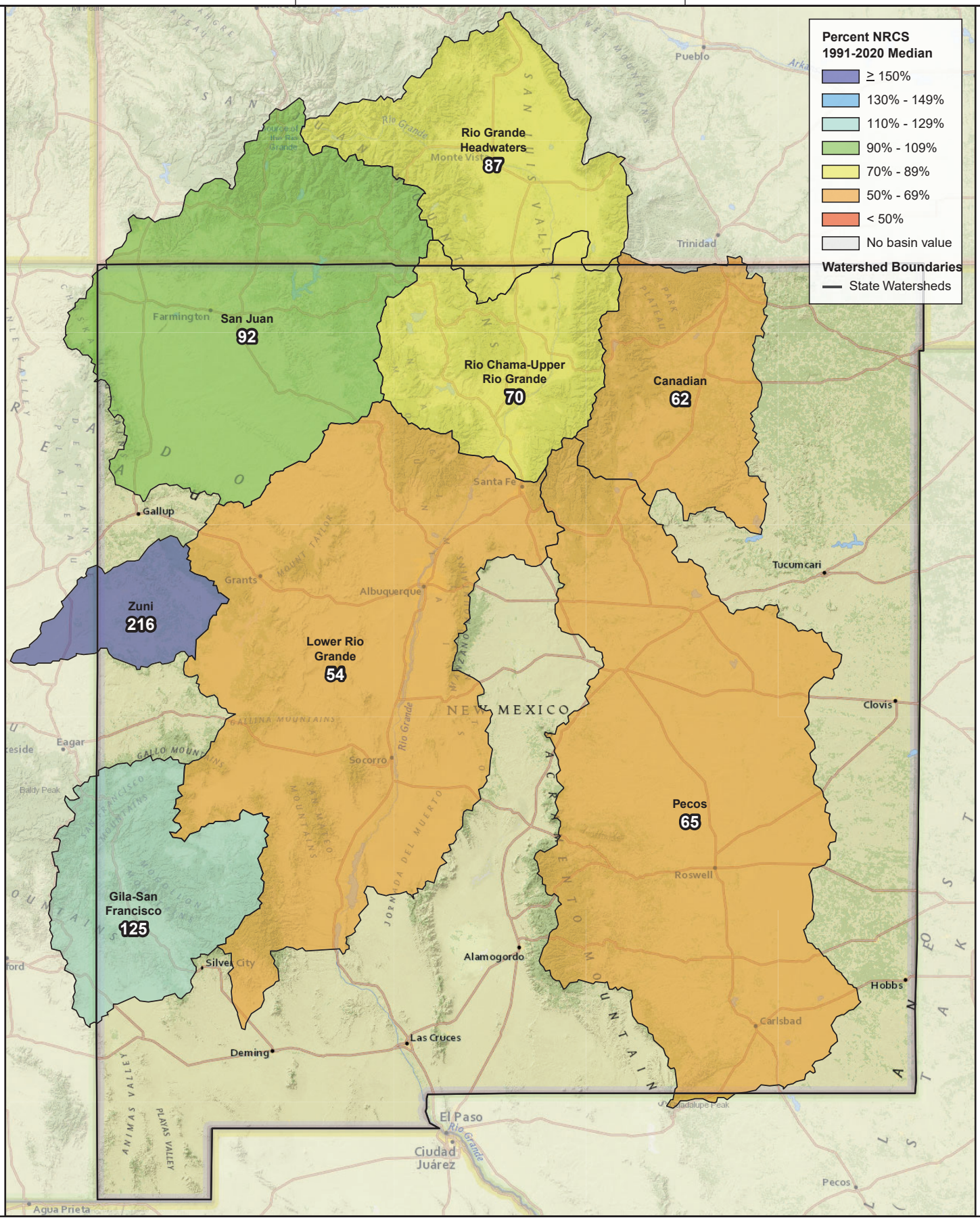
State of New Mexico	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Navajo Reservoir	1098.5	852.4	1330.0	1696.0	65%	50%	78%	83%	64%
Nambe Falls Reservoir	1.3	1.7	1.7	1.7	77%	100%	101%	76%	99%
Lake Sumner	17.0	16.2	23.3	102.0	17%	16%	23%	73%	70%
Elephant Butte Reservoir	466.4	226.1	510.2	2195.0	21%	10%	23%	91%	44%
Abiquiu Reservoir	76.6	100.1	155.9	1198.5	6%	8%	13%	49%	64%
Terrace Reservoir	5.1	5.6	4.2	18.0	29%	31%	23%	122%	133%
Mcclure Reservoir	0.3	1.1	1.6	3.3	11%	35%	49%	22%	71%
Costilla Reservoir	4.2	6.2	5.5	16.0	26%	39%	34%	77%	113%
Platoro Reservoir	33.2	13.9	17.2	60.0	55%	23%	29%	193%	81%
Continental Reservoir	11.9	10.2	3.2	27.0	44%	38%	12%	371%	320%
Lemon Reservoir	15.6	16.8	18.3	40.0	39%	42%	46%	85%	92%
Bluewater Lake	12.8	1.0	3.3	38.5	33%	3%	9%	387%	32%
Santa Maria Reservoir	8.7	8.9	7.5	45.0	19%	20%	17%	116%	118%
Brantley Lake nr Carlsbad	21.1	36.1	21.2	1008.2	2%	4%	2%	100%	170%
Conchas Lake	59.9	24.4	129.6	254.4	24%	10%	51%	46%	19%
Mountain Home Reservoir	2.0	3.9	2.4	18.0	11%	22%	13%	83%	163%
Sanchez Reservoir	6.3	7.9	19.3	103.0	6%	8%	19%	32%	41%
Eagle Nest Lake nr Eagle Nest, NM	35.2	31.6	44.2	79.0	44%	40%	56%	80%	71%
El Vado Reservoir	0.5	0.8	79.5	184.8	0%	0%	43%	1%	1%
Cochiti Lake	44.5	39.7	50.2	491.0	9%	8%	10%	89%	79%
Beaver Reservoir	3.2	3.3	4.1	4.5	71%	73%	91%	78%	80%
La Jara Reservoir	2.2	1.1	1.6					137%	67%
Lake Avalon	1.8	0.0	1.7	4.0	46%	0%	43%	108%	0%
Vallecito Reservoir	60.5	66.7	72.1	126.0	48%	53%	57%	84%	93%
Heron Reservoir	99.7	41.2	228.2	400.0	25%	10%	57%	44%	18%
Santa Rosa Reservoir	14.1	16.6	52.0	432.2	3%	4%	12%	27%	32%
Caballo Reservoir	10.0	50.9	34.2	332.0	3%	15%	10%	29%	149%
Rio Grande Reservoir	20.6	23.9	15.3	51.0	40%	47%	30%	135%	156%
Jackson Gulch Reservoir	4.6	5.5	4.0	10.0	46%	55%	40%	114%	138%
Statewide Index					**24%**	**18%**	**32%**	**75%**	**57%**
# of reservoirs					28	28	28	29	29

Forecast Volume,
50% Exceedance Probability

Basin Wide Forecasted Streamflow

Percent NRCS 1991-2020 Median

Primary Period, January 1, 2023



USDA Natural Resources Conservation Service
United States Department of Agriculture

N

0 10 20 40 60 80 100 Miles

Created 1-09-2024

Streamflow Forecast Summary: January 1, 2024
(Medians based On 1991-2020 reference period)

Canadian	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)
Eagle Nest Reservoir Inflow[2]								
	MAR-JUN	-2.1	2.1	5	75%	7.9	12.1	6.7
Rayado Ck nr Cimarron								
	MAR-JUN	0.1	1.8	3.6	71%	5.4	8	5.1
Ponil Ck nr Cimarron								
	MAR-JUN	0.1	1.21	3.5	65%	5.8	9.1	5.4
Vermejo R nr Dawson								
	MAR-JUN	0.1	1.13	3.3	62%	5.5	8.7	5.3
Cimarron R nr Cimarron[2]								
	MAR-JUN	-2.1	3.1	7.5	82%	11.9	18.4	9.2

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.

Gila-San Francisco	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)
Gila R at Gila								
	JAN-MAY	14.7	29	43	83%	61	95	52
San Francisco R at Glenwood								
	JAN-MAY	4.1	11.6	20	108%	32	56	18.5
San Francisco R at Clifton								
	JAN-MAY	8.9	27	48	109%	77	138	44
Gila R bl Blue Ck nr Virden								
	JAN-MAY	14.1	32	50	78%	74	121	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.

Lower Rio Grande	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)
Mimbres R at Mimbres								
	JAN-MAY	0.05	0.88	2	80%	3.6	6.7	2.5
Rio Grande at San Marcial [2]								
	MAR-JUL	-270	-49	103	30%	255	480	345
Jemez R bl Jemez Canyon Dam								
	MAR-JUL	8.4	16.7	24	109%	33	48	22
Santa Fe R nr Santa Fe [2]								
	MAR-JUL	1.59	2.8	3.9	118%	5.1	7.2	3.3
Jemez R nr Jemez								
	MAR-JUL	11.9	21	28	97%	36	51	29

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.

Pecos	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
		Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast						
Pecos R nr Anton Chico								
	MAR-JUL	14.8	35	54	102%	77	118	53
Gallinas Ck nr Montezuma								
	MAR-JUL	1.42	4.1	6.7	84%	9.9	15.9	8
Pecos R nr Pecos								
	MAR-JUL	22	36	48	91%	61	84	53
Pecos R ab Santa Rosa Lk								
	MAR-JUL	10.1	26	41	100%	59	93	41
Rio Ruidoso at Hollywood								
	MAR-JUN	0.25	1.35	2.6	76%	4.3	7.4	3.4

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.

Rio Chama-Upper Rio Grande	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
		Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast						
El Vado Reservoir Inflow [2]								
	MAR-JUL	16.8	47	76	41%	112	178	186
	APR-JUL	13.8	41	67	40%	100	160	166
Embudo Ck at Dixon								
	MAR-JUL	5.1	13.3	21	66%	30	48	32
Rio Lucero nr Arroyo Seco								
	MAR-JUL	1.61	3.1	4.3	43%	5.8	8.3	10.1
Costilla Reservoir Inflow[2]								
	MAR-JUL	1.77	3.2	4.5	44%	6	8.5	10.3
Red R bl Fish Hatchery nr Questa								
	MAR-JUL	9.7	14.7	18.8	61%	23	31	31
Nambe Falls Reservoir Inflow[2]								
	MAR-JUL	2.8	4.2	5.4	96%	6.7	8.9	5.6
Rio Grande at Otowi Bridge [2]								
	MAR-JUL	60	151	235	42%	340	525	565
Rio Hondo nr Valdez								
	MAR-JUL	3.2	5.9	8.3	55%	11.1	15.8	15.1
Rio Pueblo de Taos bl Los Cordovas								
	MAR-JUL	0.21	3.1	6.9	33%	12.3	23	21
Rio Pueblo de Taos nr Taos								
	MAR-JUL	1.42	3.7	5.9	47%	8.6	13.4	12.5
Tesuque Ck ab diversions								
	MAR-JUL	0.42	0.89	1.3	115%	1.79	2.7	1.13
Santa Cruz R at Cundiyo								
	MAR-JUL	3.7	6.7	9.3	56%	12.3	17.5	16.6
Costilla Ck nr Costilla [2]								
	MAR-JUL	4	8	11.5	52%	15.6	23	22

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						
Rio Grande Headwaters	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Alamosa Ck ab Terrace Reservoir								
	APR-SEP	24	35	43	70%	52	68	61
Trinchera Ck ab Turners Ranch								
	APR-SEP	1.53	3.4	5.1	50%	7.1	10.7	10.3
Sangre de Cristo Ck [2]								
	APR-SEP	0.07	1.5	3.5	32%	6.3	12	10.9
La Jara Ck nr Capulin								
	MAR-JUL	1.37	2.8	4	52%	5.5	8	7.7
Conejos R nr Mogote [2]								
	APR-SEP	62	91	114	68%	140	182	168
Los Pinos R nr Ortiz								
	APR-SEP	14.4	26	35	57%	46	65	61
Saguache Ck nr Saguache [2]								
	APR-SEP	7.7	14.2	19.8	71%	26	37	28
Ute Ck nr Fort Garland								
	APR-SEP	1.68	3.5	5.2	46%	7.2	10.7	11.3
Rio Grande nr Del Norte [2]								
	APR-SEP	194	280	345	72%	420	540	480
Rio Grande at Wagon Wheel Gap[2]								
	APR-SEP	135	191	235	76%	285	360	310
SF Rio Grande at South Fork[2]								
	APR-SEP	46	67	83	74%	101	131	112
Platoro Reservoir Inflow [2]								
	APR-JUL	25	33	40	78%	47	59	51
	APR-SEP	26	36	43	75%	51	64	57
Rio Grande at Thirty Mile Bridge[2]								
	APR-JUL	43	68	84	76%	100	125	111
	APR-SEP	49	76	95	79%	114	141	120
Culebra Ck at San Luis [2]								
	APR-SEP	1.79	4.4	6.8	41%	9.7	15	16.7
San Antonio R at Ortiz								
	APR-SEP	0.35	2	3.9	41%	6.4	11.3	9.6

1) 90% And 10% exceedance probabilities are actually 95% And 5%
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		Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast						
San Juan	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Rio Blanco at Blanco Diversion [2]								
	APR-JUL	17	26	34	71%	43	57	48
Navajo Reservoir Inflow [2]								
	APR-JUL	167	305	425	67%	565	800	630
Piedra R nr Arboles								
	APR-JUL	51	90	122	70%	159	225	175
San Juan R nr Carracas [2]								
	APR-JUL	103	170	225	67%	290	395	335
Vallecito Reservoir Inflow[2]								
	APR-JUL	65	98	124	73%	152	200	169
Captain Tom Wash nr Two Gray Hills								
	MAR-MAY	0.23	0.84	1.6	258%	2.7	5.2	0.62
Lemon Reservoir Inflow[2]								
	APR-JUL	16.5	26	34	76%	43	58	45
La Plata R at Hesperus								
	APR-JUL	4.3	8.4	12	64%	16.2	24	18.8
Navajo R bl Oso Diversion [2]								
	APR-JUL	16.4	27	36	64%	46	63	56
Mancos R nr Mancos [2]								
	APR-JUL	1.81	5.9	10	63%	15.2	25	15.9
Animas R at Durango								
	APR-JUL	133	200	255	68%	315	415	375

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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						
Zuni	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	0.02	0.14	108%	0.39	0.98	0.13
Rio Nutria nr Ramah								
	JAN-MAY	0	0.29	0.77	105%	1.47	2.9	0.73

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						
State of New Mexico	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Rio Grande at San Marcial [2]	MAR-JUL	-270	-49	103	30%	255	480	345
Alamosa Ck ab Terrace Reservoir	APR-SEP	24	35	43	70%	52	68	61
Embudo Ck at Dixon	MAR-JUL	5.1	13.3	21	66%	30	48	32
Rio Blanco at Blanco Diversion [2]	APR-JUL	17	26	34	71%	43	57	48
Eagle Nest Reservoir Inflow[2]	MAR-JUN	-2.1	2.1	5	75%	7.9	12.1	6.7
Red R bl Fish Hatchery nr Questa	MAR-JUL	9.7	14.7	18.8	61%	23	31	31
San Francisco R at Clifton	JAN-MAY	8.9	27	48	109%	77	138	44
Pecos R ab Santa Rosa Lk	MAR-JUL	10.1	26	41	100%	59	93	41
Ponil Ck nr Cimarron	MAR-JUN	0.1	1.21	3.5	65%	5.8	9.1	5.4
Vermejo R nr Dawson	MAR-JUN	0.1	1.13	3.3	62%	5.5	8.7	5.3
Gila R at Gila	JAN-MAY	14.7	29	43	83%	61	95	52
Rio Hondo nr Valdez	MAR-JUL	3.2	5.9	8.3	55%	11.1	15.8	15.1
Rio Grande nr Del Norte [2]	APR-SEP	194	280	345	72%	420	540	480
Santa Fe R nr Santa Fe [2]	MAR-JUL	1.59	2.8	3.9	118%	5.1	7.2	3.3
Jemez R bl Jemez Canyon Dam	MAR-JUL	8.4	16.7	24	109%	33	48	22
La Jara Ck nr Capulin	MAR-JUL	1.37	2.8	4	52%	5.5	8	7.7
Mancos R nr Mancos [2]	APR-JUL	1.81	5.9	10	63%	15.2	25	15.9
Pecos R nr Anton Chico	MAR-JUL	14.8	35	54	102%	77	118	53
Rio Nutria nr Ramah	JAN-MAY	0	0.29	0.77	105%	1.47	2.9	0.73

State of New Mexico (Cont.)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Sangre de Cristo Ck [2]								
	APR-SEP	0.07	1.5	3.5	32%	6.3	12	10.9
Rayado Ck nr Cimarron								
	MAR-JUN	0.1	1.8	3.6	71%	5.4	8	5.1
Rio Lucero nr Arroyo Seco								
	MAR-JUL	1.61	3.1	4.3	43%	5.8	8.3	10.1
San Francisco R at Glenwood								
	JAN-MAY	4.1	11.6	20	108%	32	56	18.5
Saguache Ck nr Saguache [2]								
	APR-SEP	7.7	14.2	19.8	71%	26	37	28
Nambe Falls Reservoir Inflow[2]								
	MAR-JUL	2.8	4.2	5.4	96%	6.7	8.9	5.6
Rio Grande at Otowi Bridge [2]								
	MAR-JUL	60	151	235	42%	340	525	565
Rio Grande at Wagon Wheel Gap[2]								
	APR-SEP	135	191	235	76%	285	360	310
SF Rio Grande at South Fork[2]								
	APR-SEP	46	67	83	74%	101	131	112
San Juan R nr Carracas [2]								
	APR-JUL	103	170	225	67%	290	395	335
Vallecito Reservoir Inflow[2]								
	APR-JUL	65	98	124	73%	152	200	169
Rio Ruidoso at Hollywood								
	MAR-JUN	0.25	1.35	2.6	76%	4.3	7.4	3.4
Rio Pueblo de Taos nr Taos								
	MAR-JUL	1.42	3.7	5.9	47%	8.6	13.4	12.5
Rio Grande at Thirty Mile Bridge[2]								
	APR-JUL	43	68	84	76%	100	125	111
	APR-SEP	49	76	95	79%	114	141	120
Jemez R nr Jemez								
	MAR-JUL	11.9	21	28	97%	36	51	29
Santa Cruz R at Cundiyo								
	MAR-JUL	3.7	6.7	9.3	56%	12.3	17.5	16.6
Captain Tom Wash nr Two Gray Hills								
	MAR-MAY	0.23	0.84	1.6	258%	2.7	5.2	0.62
Gallinas Ck nr Montezuma								
	MAR-JUL	1.42	4.1	6.7	84%	9.9	15.9	8
Pecos R nr Pecos								
	MAR-JUL	22	36	48	91%	61	84	53
Navajo Reservoir Inflow [2]								
	APR-JUL	167	305	425	67%	565	800	630
Trinchera Ck ab Turners Ranch								
	APR-SEP	1.53	3.4	5.1	50%	7.1	10.7	10.3
Conejos R nr Mogote [2]								
	APR-SEP	62	91	114	68%	140	182	168
Ute Ck nr Fort Garland								
	APR-SEP	1.68	3.5	5.2	46%	7.2	10.7	11.3
Platoro Reservoir Inflow [2]								
	APR-JUL	25	33	40	78%	47	59	51
	APR-SEP	26	36	43	75%	51	64	57
Rio Pueblo de Taos bl Los Cordovas								
	MAR-JUL	0.21	3.1	6.9	33%	12.3	23	21

State of New Mexico (Cont.)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Lemon Reservoir Inflow[2]								
	APR-JUL	16.5	26	34	76%	43	58	45
Gila R bl Blue Ck nr Virden								
	JAN-MAY	14.1	32	50	78%	74	121	64
Tesuque Ck ab diversions								
	MAR-JUL	0.42	0.89	1.3	115%	1.79	2.7	1.13
Culebra Ck at San Luis [2]								
	APR-SEP	1.79	4.4	6.8	41%	9.7	15	16.7
Navajo R bl Oso Diversion [2]								
	APR-JUL	16.4	27	36	64%	46	63	56
La Plata R at Hesperus								
	APR-JUL	4.3	8.4	12	64%	16.2	24	18.8
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	APR-JUL	51	90	122	70%	159	225	175
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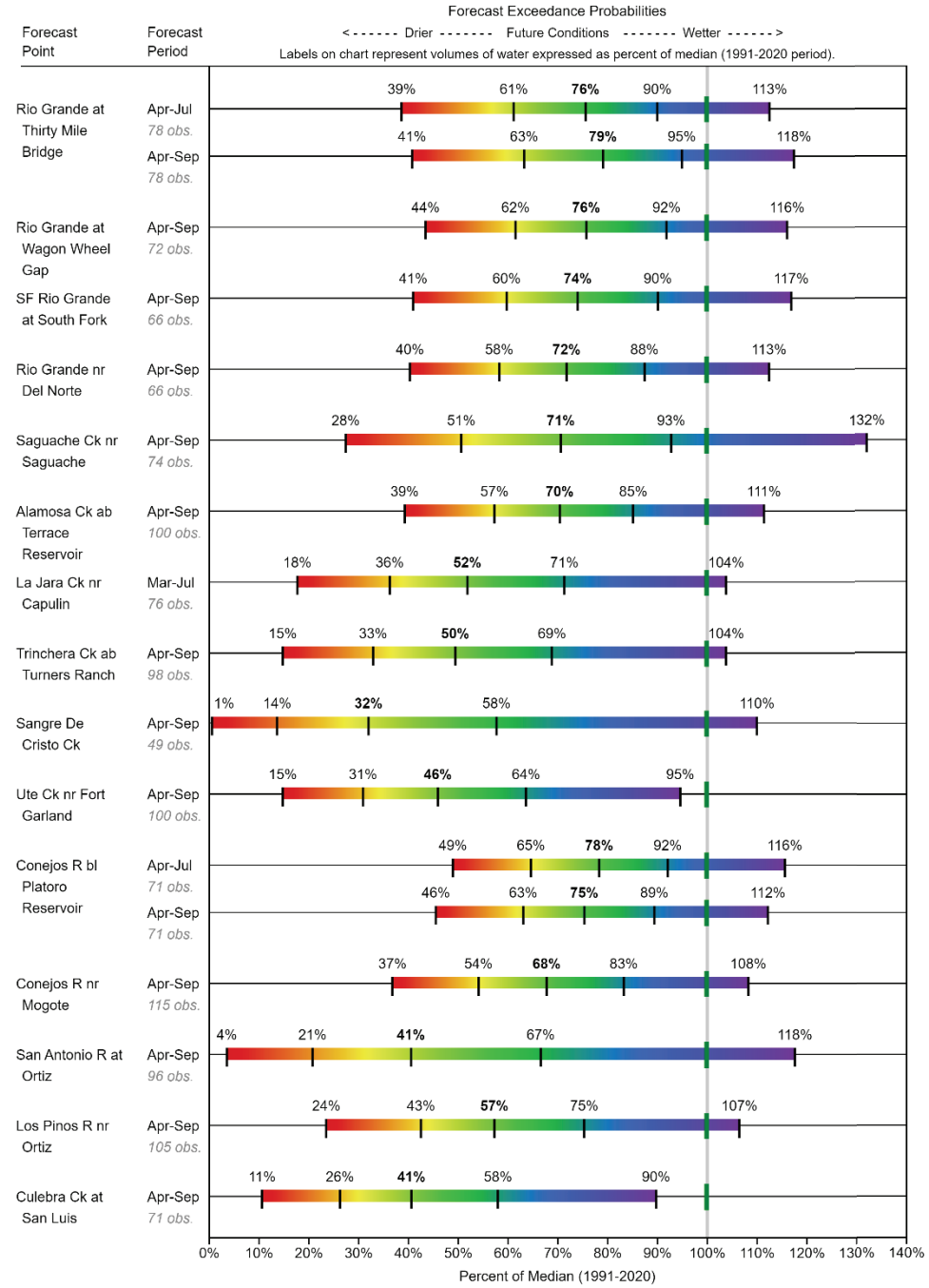
RIO GRANDE HEADWATERS

Water Supply Forecasts

January 1, 2024



Legend

95% or 90% Exceedance	70% Exceedance	**50% Exceedance**	30% Exceedance	10% or 5% Exceedance
There is a 95%/90% chance that flows will exceed this volume	There is a 70% chance that flows will exceed this volume	There is a 50% chance that flows will exceed this volume	There is a 30% chance that flows will exceed this volume	There is a 10%/5% chance that flows will exceed this volume

When selected, the following historic streamflow values and statistics will be shown.

Period of Record Minimum Streamflow KAF (Year) | *1991-2020 Normal Streamflow KAF* | *Observed Streamflow KAF* | *Period of Record Maximum Streamflow KAF (Year)*

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Rio Grande Headwaters
Streamflow Forecasts - January 1, 2024

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

Rio Grande Headwaters	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Trinchera Ck ab Turners Ranch	APR-SEP	1.53	3.4	5.1	50%	7.1	10.7	10.3
Rio Grande nr Del Norte [2]	APR-SEP	194	280	345	72%	420	540	480
Conejos R nr Mogote [2]	APR-SEP	62	91	114	68%	140	182	168
Culebra Ck at San Luis [2]	APR-SEP	1.79	4.4	6.8	41%	9.7	15	16.7
Rio Grande nr Lobatos[2]								
Platoro Reservoir Inflow [2]	APR-JUL	25	33	40	78%	47	59	51
	APR-SEP	26	36	43	75%	51	64	57
SF Rio Grande at South Fork[2]	APR-SEP	46	67	83	74%	101	131	112
Rio Grande at Thirty Mile Bridge[2]	APR-JUL	43	68	84	76%	100	125	111
	APR-SEP	49	76	95	79%	114	141	120
La Jara Ck nr Capulin	MAR-JUL	1.37	2.8	4	52%	5.5	8	7.7
San Antonio R at Ortiz	APR-SEP	0.35	2	3.9	41%	6.4	11.3	9.6
Los Pinos R nr Ortiz	APR-SEP	14.4	26	35	57%	46	65	61
Ute Ck nr Fort Garland	APR-SEP	1.68	3.5	5.2	46%	7.2	10.7	11.3
Sangre de Cristo Ck [2]	APR-SEP	0.07	1.5	3.5	32%	6.3	12	10.9
Rio Grande at Wagon Wheel Gap[2]	APR-SEP	135	191	235	76%	285	360	310
Alamosa Ck ab Terrace Reservoir	APR-SEP	24	35	43	70%	52	68	61
Saguache Ck nr Saguache [2]	APR-SEP	7.7	14.2	19.8	71%	26	37	28

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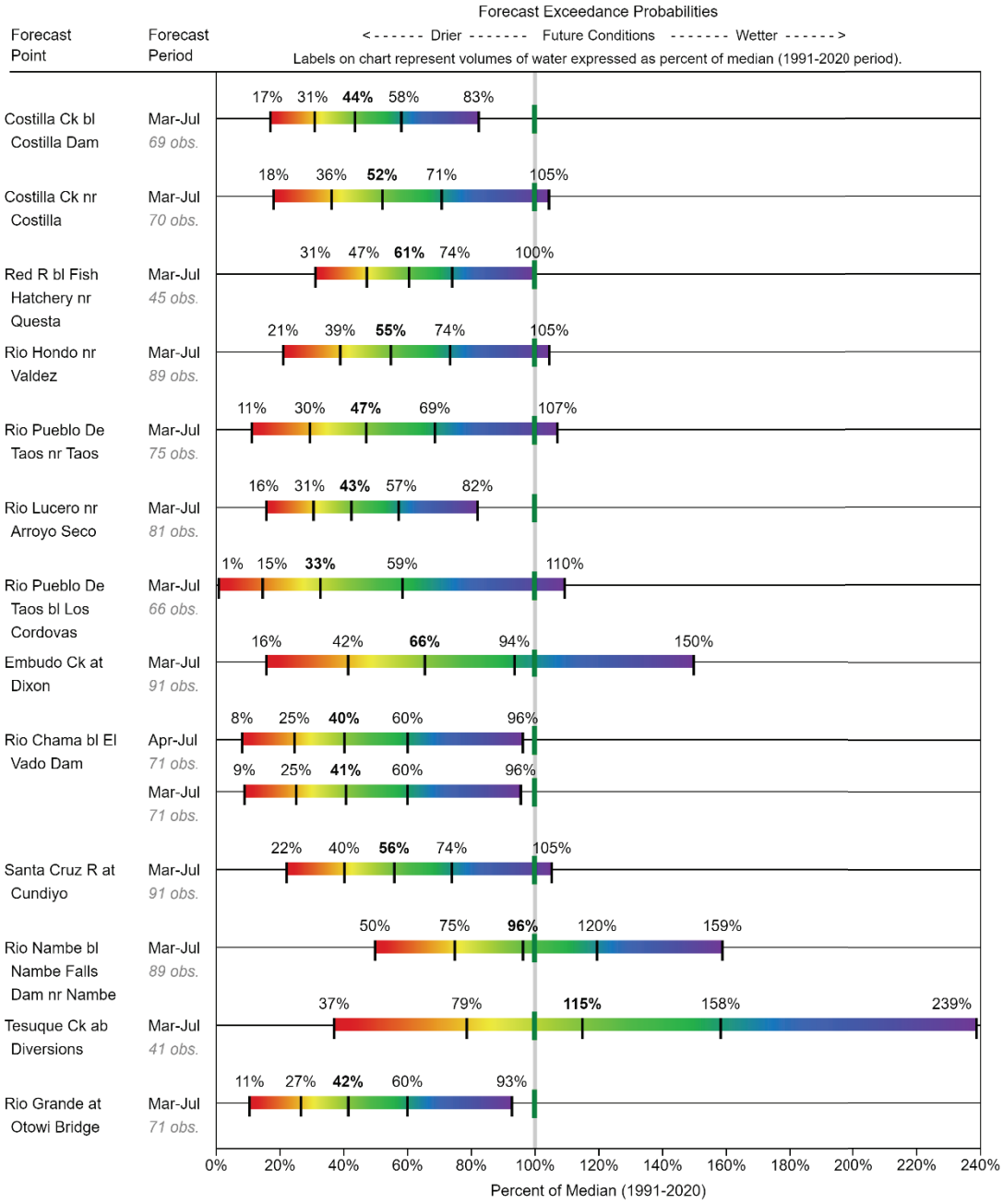
Reservoir Storage End of December, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Sanchez Reservoir	6.3	7.9	19.3	103.0
Beaver Reservoir	3.2	3.3	4.1	4.5
Mountain Home Reservoir	2.0	3.9	2.4	18.0
La Jara Reservoir	2.2	1.1	1.6	
Continental Reservoir	11.9	10.2	3.2	27.0
Terrace Reservoir	5.1	5.6	4.2	18.0
Santa Maria Reservoir	8.7	8.9	7.5	45.0
Platoro Reservoir	33.2	13.9	17.2	60.0
Rio Grande Reservoir	20.6	23.9	15.3	51.0

Watershed Snowpack Analysis January 1, 2024	# of Sites	% Median	Last Year % Median
Rio Grande Headwaters	16	54%	78%
Alamosa	1	53%	88%
Conejos	2	53%	98%
Culebra-Trinchera	3	55%	59%
Headwaters Rio Grande	5	57%	89%

RIO CHAMA-UPPER RIO GRANDE

Water Supply Forecasts

January 1, 2024



Legend

95% or 90% Exceedance — There is a 95%/90% chance that flows will exceed this volume

70% Exceedance — There is a 70% chance that flows will exceed this volume

50% Exceedance — There is a 50% chance that flows will exceed this volume

30% Exceedance — There is a 30% chance that flows will exceed this volume

10% or 5% Exceedance — There is a 10%/5% chance that flows will exceed this volume

When selected, the following historic streamflow values and statistics will be shown.

Period of Record Minimum Streamflow KAF (Year)

1991-2020 Normal Streamflow KAF

Observed Streamflow KAF

Period of Record Maximum Streamflow KAF (Year)

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Rio Chama-Upper Rio Grande
Streamflow Forecasts - January 1, 2024

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

Rio Chama-Upper Rio Grande	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Tesuque Ck ab diversions	MAR-JUL	0.42	0.89	1.3	115%	1.79	2.7	1.13
Red R bl Fish Hatchery nr Questa	MAR-JUL	9.7	14.7	18.8	61%	23	31	31
Rio Pueblo de Taos bl Los Cordovas	MAR-JUL	0.21	3.1	6.9	33%	12.3	23	21
El Vado Reservoir Inflow [2]	MAR-JUL	16.8	47	76	41%	112	178	186
	APR-JUL	13.8	41	67	40%	100	160	166
Santa Cruz R at Cundiyo	MAR-JUL	3.7	6.7	9.3	56%	12.3	17.5	16.6
Rio Lucero nr Arroyo Seco	MAR-JUL	1.61	3.1	4.3	43%	5.8	8.3	10.1
Rio Grande at Otowi Bridge [2]	MAR-JUL	60	151	235	42%	340	525	565
Costilla Ck nr Costilla [2]	MAR-JUL	4	8	11.5	52%	15.6	23	22
Embudo Ck at Dixon	MAR-JUL	5.1	13.3	21	66%	30	48	32
Nambe Falls Reservoir Inflow[2]	MAR-JUL	2.8	4.2	5.4	96%	6.7	8.9	5.6
Rio Hondo nr Valdez	MAR-JUL	3.2	5.9	8.3	55%	11.1	15.8	15.1
Rio Pueblo de Taos nr Taos	MAR-JUL	1.42	3.7	5.9	47%	8.6	13.4	12.5
Costilla Reservoir Inflow[2]	MAR-JUL	1.77	3.2	4.5	44%	6	8.5	10.3

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

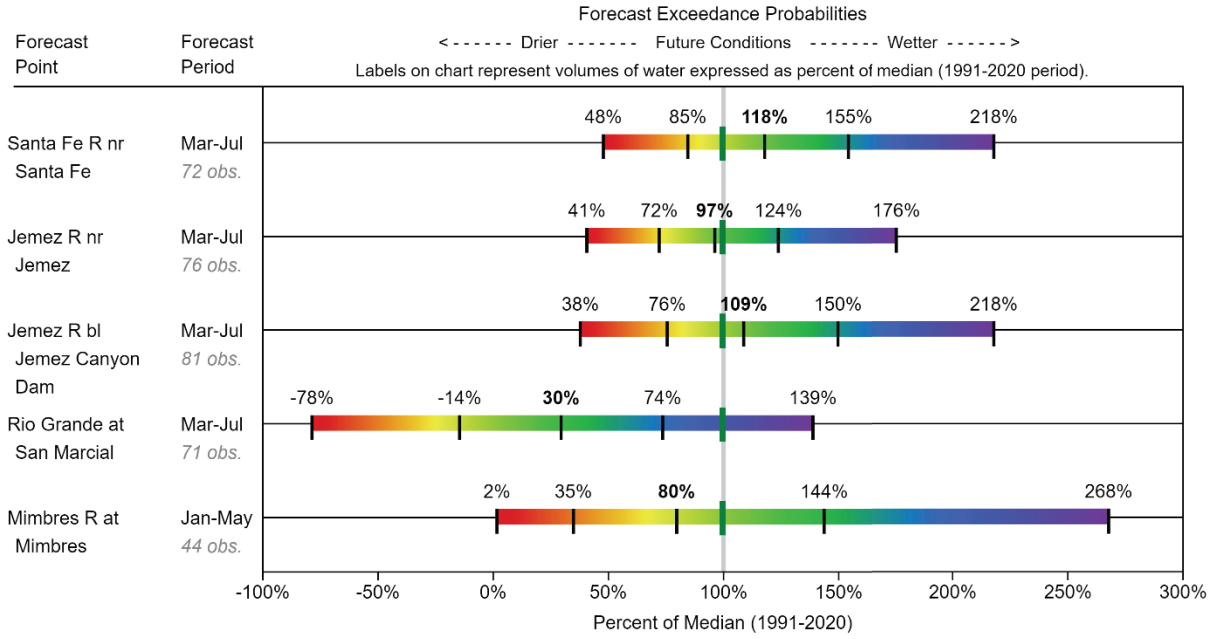
Reservoir Storage End of December, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Abiquiu Reservoir	76.6	100.1	155.9	1198.5
Nambe Falls Reservoir	1.3	1.7	1.7	1.7
Costilla Reservoir	4.2	6.2	5.5	16.0
Heron Reservoir	99.7	41.2	228.2	400.0
El Vado Reservoir	0.5	0.8	79.5	184.8

Watershed Snowpack Analysis January 1, 2024	# of Sites	% Median	Last Year % Median
Rio Chama-Upper Rio Grande	15	70%	66%
Rio Chama	4	59%	92%
Upper Rio Grande	11	75%	52%

LOWER RIO GRANDE

Water Supply Forecasts

January 1, 2024



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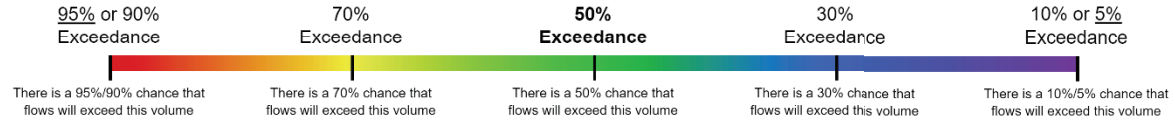

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Period of Record Minimum Streamflow KAF (Year)

1991-2020 Normal Streamflow KAF

Observed Streamflow KAF

Period of Record Maximum Streamflow KAF (Year)

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Lower Rio Grande
Streamflow Forecasts - January 1, 2024

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

Lower Rio Grande	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Santa Fe R nr Santa Fe [2]	MAR-JUL	1.59	2.8	3.9	118%	5.1	7.2	3.3
Rio Grande at San Marcial [2]	MAR-JUL	-270	-49	103	30%	255	480	345
Mimbres R at Mimbres	JAN-MAY	0.05	0.88	2	80%	3.6	6.7	2.5
Jemez R nr Jemez	MAR-JUL	11.9	21	28	97%	36	51	29
Jemez R bl Jemez Canyon Dam	MAR-JUL	8.4	16.7	24	109%	33	48	22

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

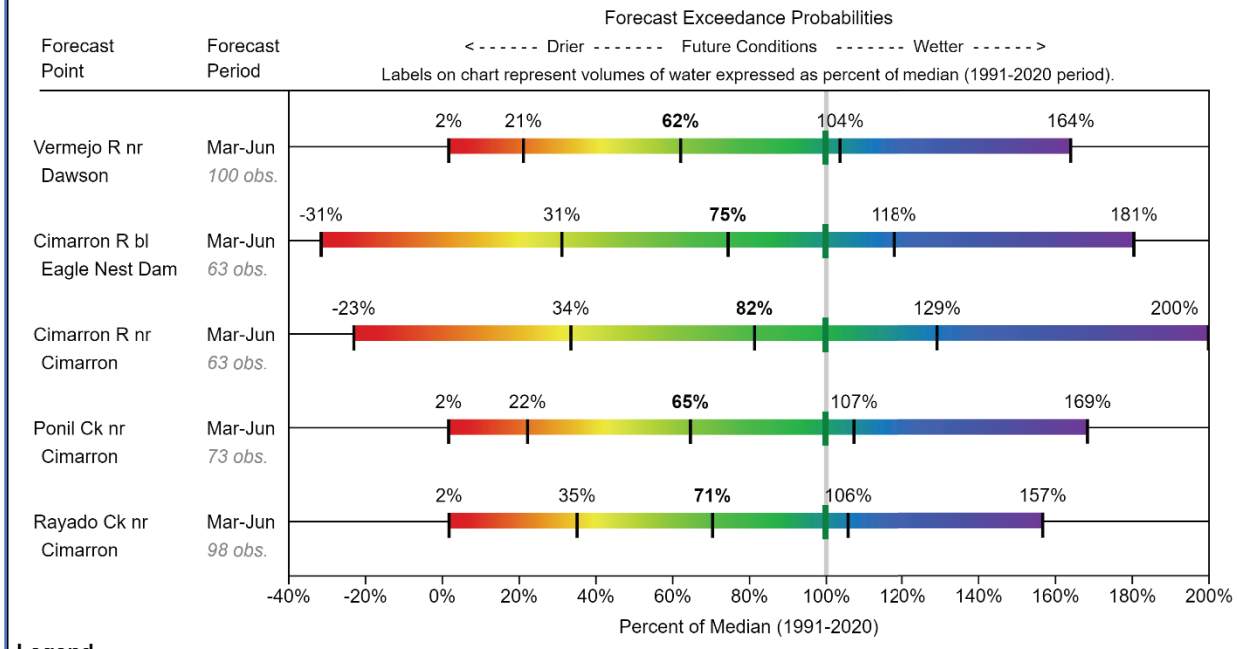
Reservoir Storage End of December, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Elephant Butte Reservoir	466.4	226.1	510.2	2195.0
Mcclure Reservoir	0.3	1.1	1.6	3.3
Bluewater Lake	12.8	1.0	3.3	38.5
Cochiti Lake	44.5	39.7	50.2	491.0
Caballo Reservoir	10.0	50.9	34.2	332.0

Watershed Snowpack Analysis January 1, 2024	# of Sites	% Median	Last Year % Median
Lower Rio Grande	10	110%	63%
Jemez	3	111%	57%
Mimbres	2	42%	64%

CANADIAN

Water Supply Forecasts

January 1, 2024



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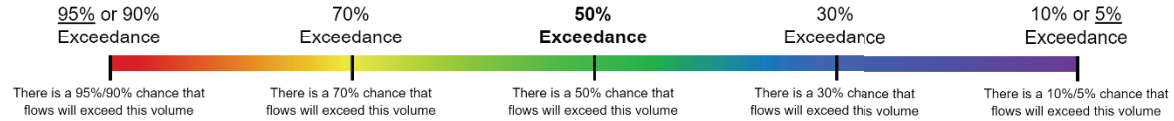

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Period of Record Minimum Streamflow KAF (Year)

1991-2020 Normal Streamflow KAF

Observed Streamflow KAF

Period of Record Maximum Streamflow KAF (Year)

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Canadian
Streamflow Forecasts - January 1, 2024

Canadian	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)
Vermejo R nr Dawson	MAR-JUN	0.1	1.13	3.3	62%	5.5	8.7	5.3
Ponil Ck nr Cimarron	MAR-JUN	0.1	1.21	3.5	65%	5.8	9.1	5.4
Cimarron R nr Cimarron[2]	MAR-JUN	-2.1	3.1	7.5	82%	11.9	18.4	9.2
Eagle Nest Reservoir Inflow[2]	MAR-JUN	-2.1	2.1	5	75%	7.9	12.1	6.7
Rayado Ck nr Cimarron	MAR-JUN	0.1	1.8	3.6	71%	5.4	8	5.1

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

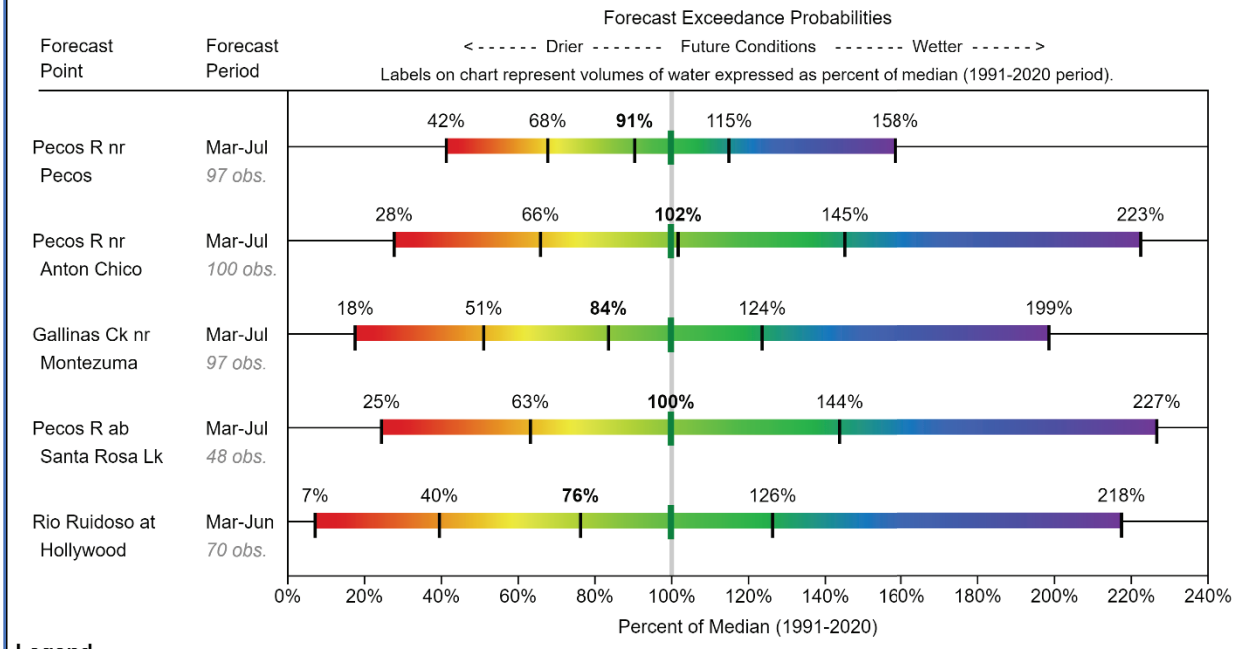
Reservoir Storage End of December, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Conchas Lake	59.9	24.4	129.6	254.4
Eagle Nest Lake nr Eagle Nest, NM	35.2	31.6	44.2	79.0

Watershed Snowpack Analysis January 1, 2024	# of Sites	% Median	Last Year % Median
Canadian	6	68%	43%
Canadian Headwaters	5	64%	43%

PECOS

Water Supply Forecasts

January 1, 2024



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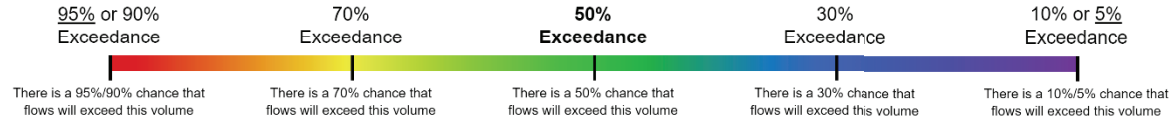


When selected, the following historic streamflow values and statistics will be shown.

Period of Record Minimum Streamflow KAF (Year)

1991-2020 Normal Streamflow KAF

Observed Streamflow KAF

Period of Record Maximum Streamflow KAF (Year)

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Pecos
Streamflow Forecasts - January 1, 2024

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

Pecos	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Gallinas Ck nr Montezuma	MAR-JUL	1.42	4.1	6.7	84%	9.9	15.9	8
Rio Ruidoso at Hollywood	MAR-JUN	0.25	1.35	2.6	76%	4.3	7.4	3.4
Pecos R nr Pecos	MAR-JUL	22	36	48	91%	61	84	53
Pecos R ab Santa Rosa Lk	MAR-JUL	10.1	26	41	100%	59	93	41
Pecos R nr Anton Chico	MAR-JUL	14.8	35	54	102%	77	118	53

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

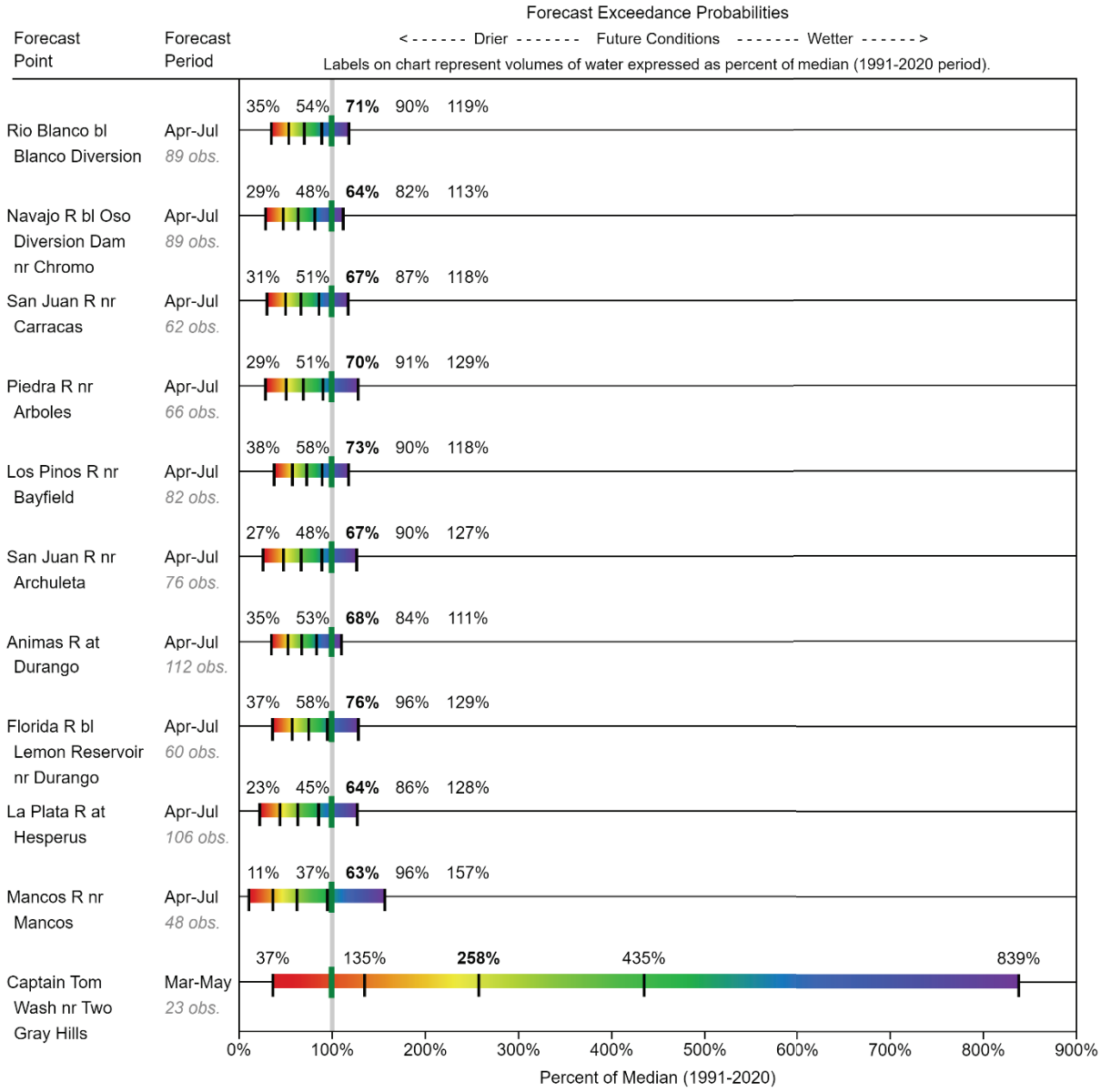
Reservoir Storage End of December, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Brantley Lake nr Carlsbad	21.1	36.1	21.2	1008.2
Brantley Lake nr Carlsbad	21.1	36.1	21.2	1008.2
Lake Avalon	1.8	0.0	1.7	4.0
Lake Avalon	1.8	0.0	1.7	4.0
Lake Sumner	17.0	16.2	23.3	102.0
Lake Sumner	17.0	16.2	23.3	102.0
Santa Rosa Reservoir	14.1	16.6	52.0	432.2
Santa Rosa Reservoir	14.1	16.6	52.0	432.2

Watershed Snowpack Analysis January 1, 2024	# of Sites	% Median	Last Year % Median
Pecos	4	83%	46%
Pecos Headwaters	3	99%	55%
Rio Hondo	1	31%	17%

SAN JUAN

Water Supply Forecasts

January 1, 2024



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95% or 90% Exceedance — There is a 95%/90% chance that flows will exceed this volume

70% Exceedance — There is a 70% chance that flows will exceed this volume

50% Exceedance — There is a 50% chance that flows will exceed this volume

30% Exceedance — There is a 30% chance that flows will exceed this volume

10% or 5% Exceedance — There is a 10%/5% chance that flows will exceed this volume

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Period of Record Minimum Streamflow KAF (Year)

1991-2020 Normal Streamflow KAF

Observed Streamflow KAF

Period of Record Maximum Streamflow KAF (Year)

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

San Juan
Streamflow Forecasts - January 1, 2024

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

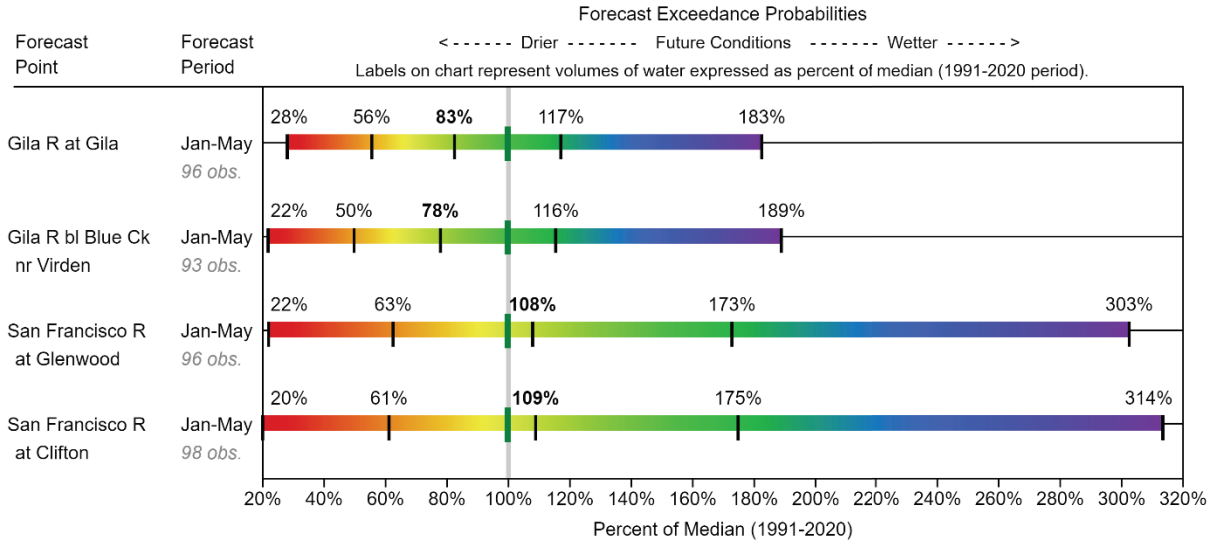
San Juan	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Lemon Reservoir Inflow[2]	APR-JUL	16.5	26	34	76%	43	58	45
Mancos R nr Mancos [2]	APR-JUL	1.81	5.9	10	63%	15.2	25	15.9
Vallecito Reservoir Inflow[2]	APR-JUL	65	98	124	73%	152	200	169
Animas R at Durango	APR-JUL	133	200	255	68%	315	415	375
Rio Blanco at Blanco Diversion [2]	APR-JUL	17	26	34	71%	43	57	48
Captain Tom Wash nr Two Gray Hills	MAR-MAY	0.23	0.84	1.6	258%	2.7	5.2	0.62
Navajo R bl Oso Diversion [2]	APR-JUL	16.4	27	36	64%	46	63	56
Piedra R nr Arboles	APR-JUL	51	90	122	70%	159	225	175
La Plata R at Hesperus	APR-JUL	4.3	8.4	12	64%	16.2	24	18.8
Navajo Reservoir Inflow [2]	APR-JUL	167	305	425	67%	565	800	630
San Juan R nr Carracas [2]	APR-JUL	103	170	225	67%	290	395	335

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, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Lemon Reservoir	15.6	16.8	18.3	40.0
Jackson Gulch Reservoir	4.6	5.5	4.0	10.0
Vallecito Reservoir	60.5	66.7	72.1	126.0
Navajo Reservoir	1098.5	852.4	1330.0	1696.0

Watershed Snowpack Analysis January 1, 2024	# of Sites	% Median	Last Year % Median
San Juan	19	63%	97%
San Juan Headwaters	12	59%	96%

GILA-SAN FRANCISCO
Water Supply Forecasts
January 1, 2024



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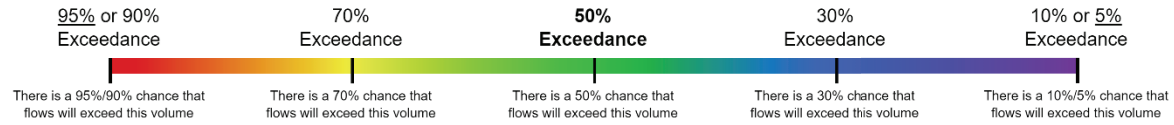

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Period of Record Minimum Streamflow KAF (Year)

1991-2020 Normal Streamflow KAF

Observed Streamflow KAF

Period of Record Maximum Streamflow KAF (Year)

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Gila-San Francisco
Streamflow Forecasts - January 1, 2024

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

Gila-San Francisco	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
San Francisco R at Clifton	JAN-MAY	8.9	27	48	109%	77	138	44
Gila R bl Blue Ck nr Virden	JAN-MAY	14.1	32	50	78%	74	121	64
Gila R at Gila	JAN-MAY	14.7	29	43	83%	61	95	52
San Francisco R at Glenwood	JAN-MAY	4.1	11.6	20	108%	32	56	18.5

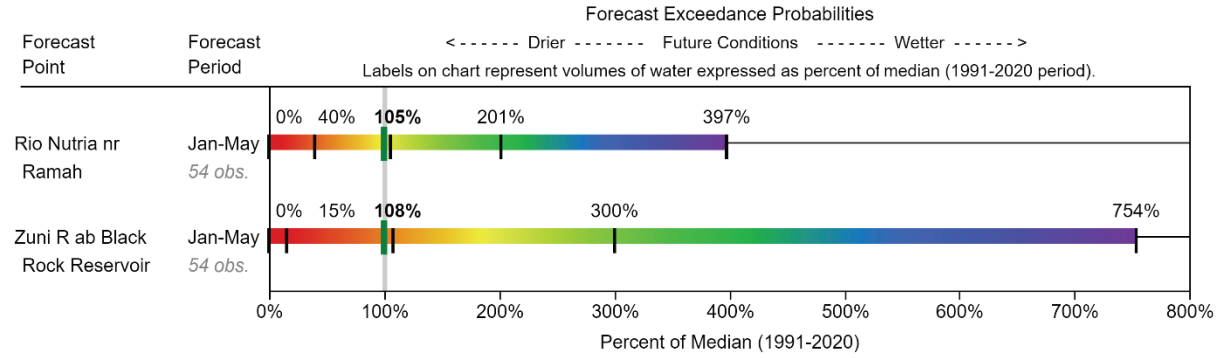
1) 90% And 10% exceedance probabilities are actually 95% And 5%
2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Watershed Snowpack Analysis January 1, 2024	# of Sites	% Median	Last Year % Median
Gila-San Francisco	9	93%	57%
San Francisco	7	102%	62%
Upper Gila	3	97%	63%

ZUNI

Water Supply Forecasts

January 1, 2024



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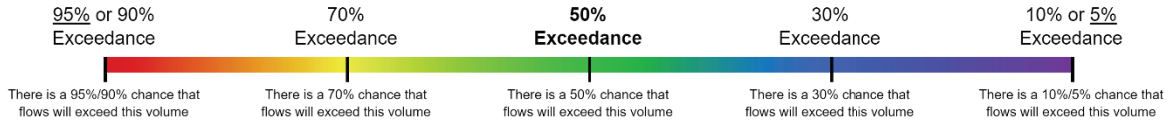

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Period of Record Minimum Streamflow KAF (Year)

1991-2020 Normal Streamflow KAF

Observed Streamflow KAF

Period of Record Maximum Streamflow KAF (Year)

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

Zuni
Streamflow Forecasts - January 1, 2024

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

Zuni	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	0.02	0.14	108%	0.39	0.98	0.13
Rio Nutria nr Ramah	JAN-MAY	0	0.29	0.77	105%	1.47	2.9	0.73

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

Watershed Snowpack Analysis January 1, 2024	# of Sites	% Median	Last Year % Median
Zuni	3	185%	126%
Zuni-Bluewater	4	162%	113%

NEW MEXICO WATER SUPPLY OUTLOOK REPORT

Natural Resources Conservation Service

Albuquerque, New Mexico

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