



New Mexico Water Supply Outlook Report May 1, 2023



Jaz Ammon, NRCS New Mexico Water Supply Specialist, skis toward the Taos Powderhorn SNOTEL station in the Sangre de Cristo Mountains on April 27th, 2023. Snow Water Equivalent [SWE] at this site measured 121% of median on May 1. NRCS Photo: Aaron Miller.

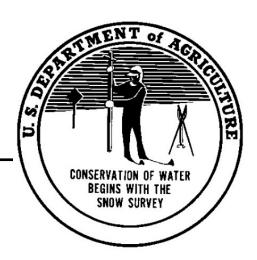
Basin Outlook Reports

and

Federal - State - Private
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https://www.nrcs.usda.gov/conservation-basics/conservation-by-state/new-mexico/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.

May 1, 2023, Summary

April showed essentially the opposite trends from those of March across the state's water supply basins with dry, windy, and dusty conditions leading to a decidedly less optimistic outlook for water supply than expected one month ago. March was an anomalously snowy month across nearly all the mountainous regions in New Mexico. This high March precipitation, as could be expected, increased the April forecast volumes from values produced on March 1st. To accounting for such persistently dry conditions in April, forecast volumes have generally been downscaled for the May 1st publication date. Still, most New Mexico forecast basins can expect above to well above median runoff for the remainder of the spring and summer. This expectation is qualified by the significant dust deposition in the Rio Grande Headwaters which will likely result in advanced runoff timing, leaving less volume remaining for the later summer months. The Sangre de Cristo range near the Colorado-New Mexico border remained the driest zone in the northern New Mexico headwaters region with below to well below median runoff expected in these localized tributaries for the remainder of the season. Many observation points still held a considerable amount of snow on May 1st when they would typically be nearly to completely snow-free. This remarkable snowfall and subsequent later season retention has substantially improved the outlook for snowmelt translating into observed streamflow during the spring runoff period, particularly when compared to the very dry spring conditions which occurred last year. When compared against April 2022 observations, the snowpack and overall water supply picture are dramatically improved as New Mexico moves fully into 2023 the growing season. Generally robust fall baseflows coupled with reduced soil moisture deficits going into winter should combine with these improved snow totals to translate into higher runoff efficiencies than those of the past several years. When long-term normal conditions show zero snow on May 1st, it can be challenging to mathematically demonstrate how far above normal the existing snowpack retention truly is. Overall, the May 1st water supply outlook looks positive for reducing the strain of prolonged drought throughout the state. This is the final formal Snow Survey and Water Supply Forecasting report for water year 2023 in New Mexico, although the summer monsoon cycle typically provides significant water input later in the growing season.



Recording data is essential to the Snow Survey effort. This site visit was the final field data collection outing for the NRCS New Mexico Snow Survey Program in Water Year 2023. NRCS Photo: Aaron Miller.

Snowpack

By May 1st, several New Mexico basins normally retain zero to near zero snowpack, even in the highest elevations. This year, measurable Snow Water Equivalent [SWE] remained on the ground in all major basin headwater ranges aside from the Gila and Zuni regions on the 1st of May. Following a very dry spring in 2022, the most notable increases in remaining observable SWE occurred in the Canadian, Pecos, and Lower Rio Grande basins. Since zero SWE was observed at NRCS monitoring sites in the Canadian basin by May 1st of last year, statistical comparisons are mathematically problematic for that area. While the absolute value, in inches of SWE, may not be overwhelmingly high, comparing an above normal in-situ snowpack with a prior year which held only a single digit percent of median shows how unique this late-season snowpack has been throughout New Mexico. This is particularly noteworthy in the three basins highlighted above, as seen in (*figure 1*). Snowpack monitoring basins throughout New Mexico retained above to well above normal SWE as of May 1, except for the Gila and Zuni ranges where full snowmelt occurred earlier in April.

When the long- term normal for a given variable is zero, a percent of normal cannot be calculated. This is often the case for SWE values at several SNOTEL sites and manual snow courses during the May 1st observation cycle. While automated tools such as the NRCS interactive climate map will not display a representative percent of normal value for the entire basin under these circumstances, a closer look at individual measurement sites can more accurately portray the abnormally high SWE value present at the site during the period of interest. In truth, with a long-term normal of zero, *any* observed SWE value would be abnormally high for this time of year. More detailed reporting of conditions within each basin where NRCS SWE measurements are recorded in New Mexico can be viewed in the attached basinwide Snowpack Summary. Users are also encouraged to explore the NRCS Water and Climate Center's Interactive Map to further explore the NRCS climate observations and associated input data. Map controls will need to be set to the appropriate New Mexico Basin Parameters to replicate the graphics seen in this report by clicking on the corresponding forecast basin. This online tool can be found here.

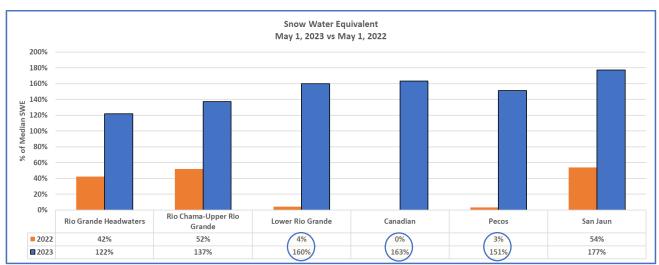


figure 1: Percent of reference period normal Snow Water Equivalent [SWE] by basin for May 1, 2023, compared to last year in basins where reference period median is nonzero for SWE.

Precipitation

Total precipitation as both rain and frozen was uniformly sparse across the state throughout April with far less accumulation than that seen in March. Percent of reference period normal water year-to-date precipitation as of May 1st, 2023, can be seen compared to the same date last year in *figure 2*. The greatest increase over last year's total precipitation for the May 1st reporting period occurred in the Gila- San Francisco, Pecos, and Lower Rio Grande basins, as outlined in *figures 2 and 3*. While the San Juan Basin precipitation has been well above normal this year, relatively higher totals across the basin last year reduce the year-to-year contrast when compared to basins which experienced drier conditions in water year 2022. With the exception of the Canadian, New Mexico basins are currently reporting above to well above reference period normal total precipitation for water year 2023. The western and southern extents of the state show relatively higher percent of normal precipitation when compared to the northern and eastern New Mexico

¹ https://www.nrcs.usda.gov/wps/portal/wcc/home/quicklinks/imap

basins, as shown in the New Mexico Basinwide Precipitation Summary map graphic. Strong statewide increases have been observed in overall precipitation to date when compared to values measured in the much drier water year 2022 through May 1st (*figures 2 and 3*). The smallest percent change from last year has occurred in the Rio Grande Headwaters basin, with a gain of 25% of median, due to the relatively wetter water year 2022 in southern Colorado than was seen throughout much of New Mexico (*figures 2 and 3*). Specific recorded totals for each New Mexico site by sub-basin can be seen in the tables included in the Basinwide Precipitation Summary below. The map graphic for percent of normal water year-to-date precipitation shows the Zuni watershed alone, while *figure 2* and *figure 3* include the Zuni and Bluewater basins as contributing to totals reported for the larger San Juan and Lower Rio Grande basins, respectively.

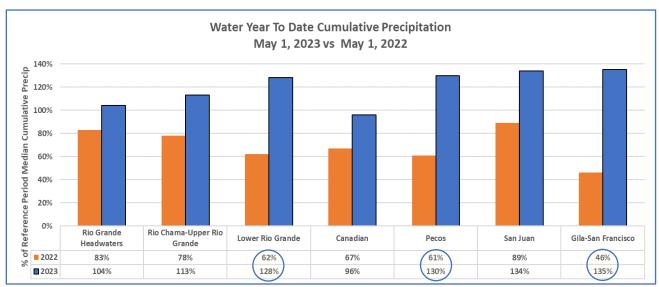


figure 2: Percent of reference period normal basinwide water year-to-date total precipitation for May 1, 2023, compared to last year.

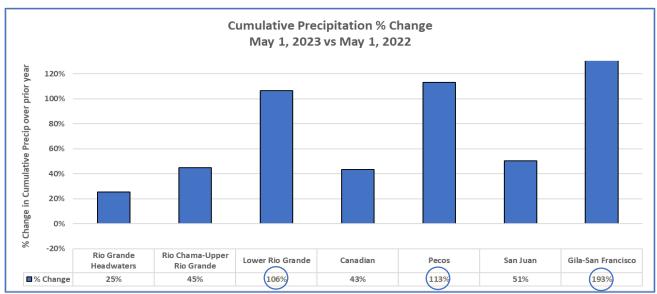


figure 3: Percent change in reference period normal water year-to-date precipitation between May 1, 2022, and May 1, 2023.

Reservoirs

New Mexico reservoir systems showed complete reporting for May 1. All reservoir storage systems with NRCS reporting are again showing increased storage levels compared to last year (table 1; figures 4 & 5). The Rio Grande Headwaters catchment systems are currently holding the greatest percent of median capacity, with a 104% of reference period normal volume filled as of May 1 (table 1). Stored water supply volumes in New Mexico are dominated by the storage systems in the Lower Rio Grande, with Elephant Butte Reservoir representing the largest storage capacity statewide. Thus, the 69% of median increase in storage since May 1 of 2023 within this downstream basin is a positive sign for water users in the southern extent of the state (figure 5). Water users are encouraged to continue monitoring reservoir management decisions and cumulative conditions to evaluate water use plans as the water year progresses and reservoir volumes vary due to dynamic storage priorities. Further detail on the status of specific reservoirs in each major basin can be found in the attached Reservoir Storage Summary tables.

table 1:

Basinwide Summary:			oir Storage nd of April,		
May 1, 2023 (Medians based on 1991- 2020 reference period)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Rio Grande Headwaters	28%	26%	27%	104%)	94%
Rio Chama-Upper Rio Grande	11%	9%	30%	35%	30%
Lower Rio Grande	18%	10%	21%	83%	49%
Canadian	18%	16%	52%	35%	31%
Pecos	5%	4%	7%	73%	48%
San Juan	63%	53%	81%	78%	66%

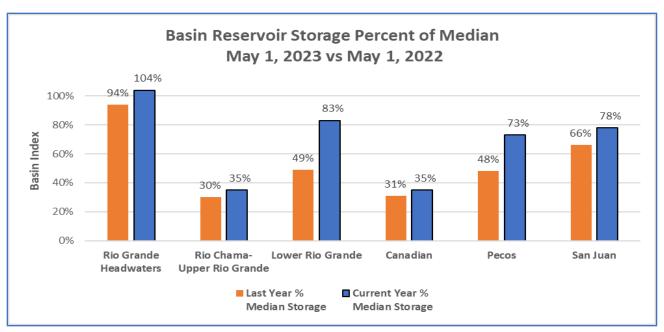


figure 4: Percent of reference period normal reservoir storage for May 1, 2023, compared to last year.

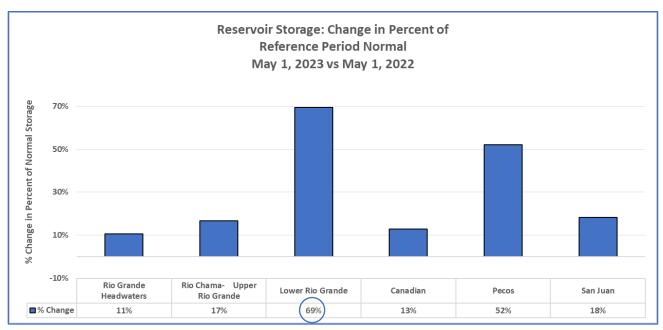
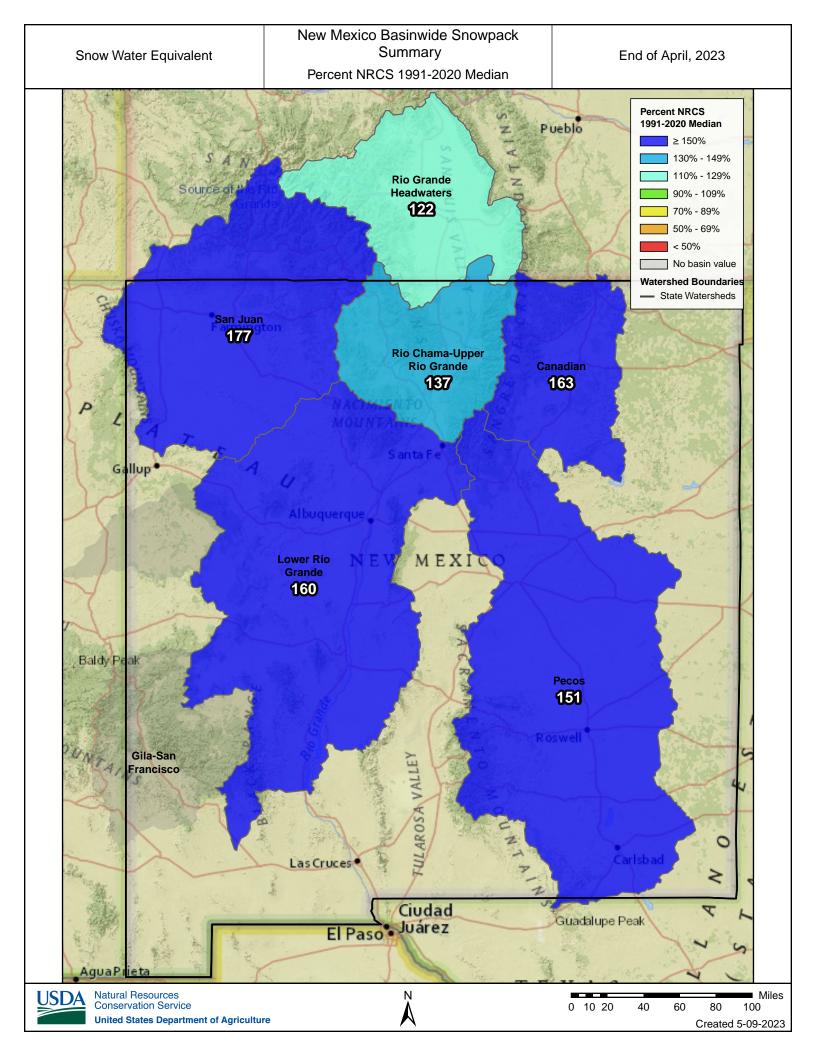


figure 5: Percent change in reference period normal reservoir storage between May 1, 2022, and May 1, 2023.

Streamflow

April 2023 observed streamflow volumes were again notably high in the Zuni, Gila-San Francisco, and Pecos basins. While these are relatively low-volume systems, the streamflow gages at the Zuni River above Black Rock Reservoir, the Rio Nutria near Ramah, and the Pecos River above Santa Rosa Lake experienced April volumes far exceeding reference period normals. With extreme flow events seen on the Navajo Nation along the New Mexico- Arizona state line, flows of similar scale likely occurred in several locations throughout the vicinity of the community of Chinle as well. Unfortunately, as can occur during flood events, streamflow gage observations for April are missing at several key points in that region. Missing basinwide observed streamflow values on the included map graphic for the basins originating in the Chuska and Zuni ranges reflect missing input values. Forecast volumes for these areas are also not adjusted based on May 1st climate observations due to long term trends showing forecast outcomes from April 1st to be adequate for water supply applications. Significant late-season snowpack elsewhere in the state is reflected in the basinwide statistics and in forecasted volumes shown in the attached table for these areas of New Mexico. Above normal April observed streamflow corresponds with at or above normal primary period forecast volumes for every updated forecast basin as of May 1st. The increased skill of streamflow forecasts included in this late spring report allows associated forecast volumes to provide operational value in water use zones throughout the state.

There is still concern regarding the potential for increased overall flow volumes and possible continued flood occurrence in several New Mexico basins following large scale land cover alteration from extensive wildfire activity in 2022 coupled with a well above normal to record breaking snowpack in many locations throughout the mountain west. The New Mexico forecast basins most impacted by these fires are the Pecos, Canadian, and parts of the Mimbres and Gila-San Francisco. The snowmelt processes on which NRCS streamflow forecasting computations are focused will play a role in soil moisture, baseflow conditions, and overall water volumes observed at a given forecast point. The type of damaging flood events most frequently observed in the Southwestern U.S. tend to follow high intensity short duration storm cycles, dramatic increases in air temperature during the melt season, or rain on snow events. Predicting the timing and extent of such weather occurrences is a strength of some partner agencies but lies beyond the scope of NRCS Snow Survey and Water Supply Forecasting products. To mitigate flood risk in sensitive areas, users are encouraged to reference the 5% exceedance probability flow volumes included below in the Streamflow Forecast Summary for May 1, 2023. These values at each forecast point provide a forecasted high volume which is least statistically likely to occur at a given point and therefore may provide conservative guidance for planning purposes to account for extreme runoff events. The percent median values reported in the Forecast Summary are for the 50% exceedance probability streamflow volumes, which are most statistically likely to occur during the snowmelt and runoff period covered by an NRCS forecast. Points lying directly downstream of extensively burned portions of a watershed may see increased volumes during the snowmelt cycle compared to pre-fire conditions, particularly in basins exhibiting above normal peak SWE accumulation.



Basinwide Summary: M (Medians based On 1991-2020)	-	eriod)		Snowp	ack Sum	mary Fo	r May 1, 202	23
Canadian	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Aztec #2	SC	9880						
Hematite Park	SC	9500						
North Costilla	SNOTEL	10598	5	0.4	0.8	50%	0.0	0%
Palo	SC	9300						
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
Red River Pass #2	SNOTEL	9855	0	0.0	0.0		0.0	
Shuree	SNOTEL	10092	0	0.0	0.0		0.0	
Taos Canyon	SC	9100						
Tolby	SNOTEL	10220	0	0.3	0.0		0.0	
Wesner Springs	SNOTEL	11151	32	13.5	7.9	171%	0.0	0%
Basin Index						163%		0%
# of sites						6		6
Canadian Headwaters	Network	Elevation	Depth	SWE	Median	%	Last Year	
	- TOUTOTA	(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median
Aztec #2	SC	9880						
Hematite Park	SC	9500						
North Costilla	SNOTEL	10598	5	0.4	0.8	50%	0.0	0%
Palo	SC	9300						
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
Red River Pass #2	SNOTEL	9855	0	0.0	0.0		0.0	
Shuree	SNOTEL	10092	0	0.0	0.0		0.0	
Taos Canyon	SC	9100						
Tolby	SNOTEL	10220	0	0.3	0.0		0.0	
Basin Index # of sites						88% 5		0 %
Gila-San Francisco	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Head	SNOTEL	8076	0	0.0	0.0		0.0	
Coronado Trail	SNOTEL	8418	0	0.0	0.0		0.0	
Coronado Trail	SC	8350						
Frisco Divide	SNOTEL	8013	0	0.0	0.0		0.0	
Hannagan Meadows	SNOTEL	9027	0	0.0	0.0		0.0	
Lookout Mountain	SNOTEL	8509	0	0.0	0.0		0.0	
Nutrioso	SC	8500						
Nutrioso	SNOTEL	8571	0	0.0	0.0		0.0	
Signal Peak	SNOTEL	8405	0	0.0			0.0	
Silver Creek Divide	SNOTEL	9096	0	0.0	0.0		0.0	
State Line	SC	8000						
Basin Index						_		_
# of citoo						8		3
# of sites								
San Francisco	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	
San Francisco		(ft)	(in)	(in)	(in)		SWE (in)	
San Francisco Beaver Head	SNOTEL	(ft) 8076	(in) 0	(in) 0.0	(in) 0.0		SWE (in) 0.0	
San Francisco Beaver Head Coronado Trail	SNOTEL SNOTEL	(ft) 8076 8418	(in)	(in)	(in) 0.0		SWE (in)	
San Francisco Beaver Head Coronado Trail Coronado Trail	SNOTEL SNOTEL SC	(ft) 8076 8418 8350	(in) 0 0	(in) 0.0 0.0	(in) 0.0 0.0		SWE (in) 0.0 0.0	
San Francisco Beaver Head Coronado Trail	SNOTEL SNOTEL	(ft) 8076 8418	(in) 0	(in) 0.0	(in) 0.0 0.0		SWE (in) 0.0	

SC

SNOTEL

SNOTEL SC

8500

8571

9096

8000

Silver Creek Divide

Nutrioso

Nutrioso

State Line

0.0

0.0

0

0

0.0

0.0

0.0

0.0

Basi	n Index							
#	of sites					6		6
Upper Gila	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Lookout Mountain	SNOTEL	8509	0	0.0	0.0		0.0	
Signal Peak	SNOTEL	8405	0	0.0	0.0		0.0	
Silver Creek Divide	SNOTEL	9096	0	0.0	0.0		0.0	
	n Index 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	0	0.0			0.0	
Elk Cabin	SNOTEL	8239	0	0.0			0.0	
Garita Peak	SNOTEL	10115	0	0.0			0.0	
Lookout Mountain	SNOTEL	8509	0	0.0	0.0		0.0	
Mcknight Cabin	SNOTEL	9242	0	0.0	0.0		0.0	
Ojo Redondo	SC	8200						
Quemazon	SNOTEL	9507	0	0.0	0.0		0.0	
Rice Park	SNOTEL	8497	0	0.0			0.0	
Rio En Medio	SC	10300	13	4.6	1.8	256%	0.0	0%
Santa Fe	SNOTEL	11465	42	17.4			0.7	5%
Senorita Divide #2	SNOTEL	8569	0	0.0			0.0	
Signal Peak	SNOTEL	8405	0	0.0			0.0	
Vacas Locas	SNOTEL	9364	8	2.9	0.0		0.0	
	n Index					160%		4%
#	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	0	0.0			0.0	
Quemazon	SNOTEL	9507	0	0.0	0.0		0.0	
Senorita Divide #2	SNOTEL	8569	0	0.0			0.0	
Vacas Locas	SNOTEL	9364	8	2.9	0.0		0.0	
	n Index of sites					3		3
Mimbres	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	Median	SWE (in)	Last Year % Median
Mcknight Cabin Signal Peak	SNOTEL SNOTEL	9242 8405	0	0.0			0.0 0.0	
	n Index	0.00		0.0	0.0		0.0	
	of sites					2		2
Pecos	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	Median	SWE (in)	Last Year % Median
Elk Cabin PanchueLa	SNOTEL SC	8239 8400	0	0.0	0.0		0.0	
Rio En Medio	SC	10300	13	4.6	1.8	256%	0.0	0%
Santa Fe	SNOTEL	11465	42	4.0 17.4			0.0	
Sierra Blanca	SNOTEL	10268	0	0.0			0.0	
Wesner Springs	SNOTEL	11151	32	13.5				0%
	n Index		- 52			151%		3%
	of sites					5		5
Pecos Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)			Last Year % Median

PanchueLa Rio En Medio Santa Fe Wesner Springs	SC SC SNOTEL SNOTEL	8400 10300 11465 11151	13 42 32	4.6 17.4 13.5	1.8 13.8 7.9	256% 126% 171%	0.0 0.7 0.0	0% 5% 0%
Basin I	ndex					151%		3%
# of	sites					4		4
Rio Hondo	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Sierra Blanca	SNOTEL	10268	0	0.0	0.0		0.0	
Basin I # of	ndex sites					1		1
Rio Chama-Upper Rio Grande	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	. ,	Last Year % Median
Bateman Chamita	SNOTEL SNOTEL	9249 8383	6	1.6 1.9	0.4 0.0	400%	0.0 0.0	0%
Cumbres Trestle	SNOTEL	10035	4 74	33.6	19.6	171%	15.0	77%
Elk Cabin	SNOTEL	8239	0	0.0	0.0	17 1 70	0.0	1170
Gallegos Peak	SNOTEL	9480	0	0.0	0.0		0.0	
Garita Peak	SNOTEL	10115	0	0.0			0.0	
Hematite Park	SC	9500						
Hopewell	SNOTEL	10095	36	16.5	11.5	143%	0.0	0%
North Costilla Palo	SNOTEL SC	10598 9300	5	0.4	0.8	50%	0.0	0%
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
Quemazon	SNOTEL	9507	0	0.0	0.0		0.0	
Red River Pass #2	SNOTEL	9855	0	0.0	0.0		0.0	
Rio En Medio	SC	10300	13	4.6	1.8	256%	0.0	0%
Rio Santa Barbara	SNOTEL	10664	29	10.5	40.0	4000/	0.0	5 0/
Santa Fe	SNOTEL SNOTEL	11465 10092	42	17.4 0.0	13.8	126%	0.7	5%
Shuree Taos Canyon	SC	9100	0	0.0	0.0		0.0	
Taos Powderhorn	SC	11250	61	24.3	23.0	106%	16.1	70%
Taos Powderhorn	SNOTEL	11045	61	23.7	19.6	121%	15.6	80%
Taos Pueblo	SNOTEL	11020	31	15.5			0.6	
Tres Ritos	SNOTEL	8755	0	0.0	0.0		0.0	
Basin I	ndex sites					137% 16		52% 16
# OI	Siles					10		10
Rio Chama	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median		Last Year % Median
Bateman	SNOTEL	9249	6	1.6	0.4	400%	0.0	0%
Chamita	SNOTEL	8383	4	1.9	0.0		0.0	
Cumbres Trestle	SNOTEL	10035	74	33.6	19.6	171%	15.0	77%
Garita Peak Hopewell	SNOTEL SNOTEL	10115 10095	0 36	0.0 16.5	11.5	143%	0.0 0.0	0%
Basin I		10055		10.5	11.0	170%		48%
	sites					4		4
Upper Rio Grande	Network	Elevation	Depth	SWE	Median	%	Last Year	Last Year
		(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median
Elk Cabin	SNOTEL	8239	0	0.0	0.0		0.0	
Gallegos Peak	SNOTEL SC	9480	0	0.0	0.0		0.0	
Hematite Park North Costilla	SNOTEL	9500 10598	5	0.4	0.8	50%	0.0	0%
Palo	SC	9300	J	0.4	0.0	5576	0.0	0 70
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
Quemazon	SNOTEL	9507	0	0.0	0.0		0.0	

Rio En Medio		SC	10300	13	4.6	1.8	256%	0.0	0%
						1.0	230%		0%
Rio Santa Barbara		SNOTEL	10664	29	10.5	40.0	4000/	0.0	50 /
Santa Fe		SNOTEL	11465	42	17.4	13.8	126%	0.7	5%
Shuree		SNOTEL	10092	0	0.0	0.0		0.0	
Taos Canyon		SC	9100						
Taos Powderhorn		SNOTEL	11045	61	23.7	19.6	121%	15.6	80%
Taos Powderhorn		SC	11250	61	24.3	23.0	106%	16.1	70%
Taos Pueblo		SNOTEL	11020	31	15.5			0.6	
Tres Ritos		SNOTEL	8755	0	0.0	0.0		0.0	
	Basin Index						119%		55%
	# of sites						12		12
Rio Grande Headwaters		Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown		SNOTEL	11600	62	30.7	18.4	167%	9.9	54%
Cochetopa Pass		SNOTEL	10061	0	0.0	0.0		0.0	
Cochetopa Pass		SC	10000	7	1.8	2.8	64%	0.0	0%
Culebra #2		SNOTEL	10562	23	7.2	7.2	100%	0.2	3%
Cumbres Trestle		SNOTEL	10035	74	33.6	19.6	171%	15.0	77%
Grayback		SNOTEL	11626	0	0.0			0.2	
Grayback		SC	11600	36	12.6	13.6	93%	4.3	32%
Hayden Pass		SNOTEL	10699	14	4.2	13.3	32%	1.4	11%
La Veta Pass		SC	9440	9	1.0	0.9	111%		,6
Lily Pond		SNOTEL	11069	34	15.6	8.4	186%	0.0	0%
Medano Pass		SNOTEL	9668	0	0.0	0.0	10070	0.0	070
Middle Creek		SNOTEL	11269	52	24.3	17.2	141%	8.3	48%
Moon Pass		SNOTEL	11128		0.0	1.2	0%	0.0	0%
				0					
North Costilla		SNOTEL	10598	5	0.4	0.8	50%	0.0	0%
Pinos Mill		SC	10000	66	27.6	18.2	152%	12.1	66%
Platoro		SC	9880	47	17.5	12.2	143%	6.2	51%
Pool Table Mountain		SC	9840	3	1.0	1.7	59%		
Porcupine		SC	10280	23	6.6	4.9	135%		
San Antonio Sink		SNOTEL	9143	0	0.0			0.0	
San Antonio Sink		SC	9200	2	0.4	0.0		0.0	
Sargents Mesa		SNOTEL	11499	34	12.5	9.6	130%	0.4	4%
Silver Lakes		SC	9500	0	0.0	0.0			
Slumgullion		SNOTEL	11560	28	10.1	13.0	78%	2.6	20%
Trinchera		SNOTEL	10922	14	5.3	4.1	129%	0.0	0%
Upper Rio Grande		SNOTEL	9379	0	0.0	0.0		0.0	
Ute Creek		SNOTEL	10734	12	4.6	9.2	50%	0.0	0%
Wager Gulch		SNOTEL	11132	17	8.3			0.5	
Wolf Creek Summit		SNOTEL	10957	92	40.3	34.6	116%	24.2	70%
	Basin Index	0110122	10001	- 02	10.0	0 110	122%		42%
	# of sites						21		21
Alamasa		Notwork	Elevation	Depth	SWE	Median	%	Last Year	Last Year
Alamosa		Network	(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median
Grayback		SC	11600	36	12.6	13.6	93%	4.3	32%
Grayback		SNOTEL	11626	0	0.0			0.2	
Lily Pond		SNOTEL	11069	34	15.6	8.4	186%	0.0	0%
Platoro		SC	9880	47	17.5	12.2	143%	6.2	51%
Silver Lakes		SC	9500	0	0.0	0.0			
	# of sites						134% 3		31% 3
	3. 3.003								
Conejos		Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Cumbres Trestle		SNOTEL	10035	74	33.6	19.6	171%	15.0	77 Wedian 77%
Lily Pond		SNOTEL	11069	34	15.6	8.4	186%	0.0	0%

SNOTEL

9855

0

0.0

0.0

0.0

Red River Pass #2

Pinos Mill	SC	10000	66	27.6	18.2	152%	12.1	66%
Platoro	SC	9880	47	17.5	12.2	143%	6.2	51%
San Antonio Sink	SNOTEL	9143	0	0.0			0.0	
San Antonio Sink	SC	9200	2	0.4	0.0		0.0	
Basin Index						162%		57%
# of sites	;					5		5
		Elevation	Depth	SWE	Median	%	Last Year	Last Year
Culebra-Trinchera	Network	(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median
Culebra #2	SNOTEL	10562	23	7.2	7.2	100%	0.2	3%
La Veta Pass	SC	9440	9	1.0	0.9	111%		
Trinchera	SNOTEL	10922	14	5.3	4.1	129%	0.0	0%
Ute Creek	SNOTEL	10734	12	4.6	9.2	50%	0.0	0%
Basin Index						83%		1%
# of sites	3					3		3
		Elevation	Depth	SWE	Median	%	Last Year	Last Year
Headwaters Rio Grande	Network	(ft)	(in)	(in)	(in)	Median		% Median
Beartown	SNOTEL	11600	62	30.7	18.4	167%	9.9	54%
Grayback	SC	11600	36	12.6	13.6	93%	4.3	32%
Grayback	SNOTEL	11626	0	0.0			0.2	
Middle Creek	SNOTEL	11269	52	24.3	17.2	141%	8.3	48%
Pool Table Mountain	SC	9840	3	1.0	1.7	59%		
Porcupine	SC	10280	23	6.6	4.9	135%		
Slumgullion	SNOTEL	11560	28	10.1	13.0	78%	2.6	20%
Upper Rio Grande	SNOTEL	9379	0	0.0	0.0		0.0	
Wager Gulch	SNOTEL	11132	17	8.3			0.5	
Wolf Creek Summit	SNOTEL	10957	92	40.3	34.6	116%	24.2	70%
Basin Index # of sites						122% 6		51% 6
# Of Sites	•					U		U
San Juan	Network	Elevation	Depth	SWE	Median	%	Last Year	Last Year
- San Stan	Network	(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median
Beartown	SNOTEL	11600	62	30.7	18.4	167%	9.9	54%
Beaver Spring	SNOTEL	9255	14	6.5	0.0		0.0	
Beaver Spring	SC	9220						
Bowl Canyon	SC	8980		0.0	0.0		0.0	
Cascade #2 Columbus Basin	SNOTEL	9012	1	0.3	0.0	1.400/	0.0	750/
	SNOTEL SC	10781 8480	88	33.0	22.2	149%	16.7	75%
Hidden Valley Lemon Reservoir	SC	8700	16	6.9	0.0		0.0	
Mancos	SNOTEL	10044	36	15.7	1.2	1308%	0.0	0%
Mineral Creek	SNOTEL	10044	34	14.8	10.7	138%	1.7	16%
Missionary Spring	SC	7940	01	1 1.0	10.7	10070		1070
Molas Lake	SNOTEL	10631	55	26.0	17.7	147%	10.0	56%
Navajo Whiskey Ck	SNOTEL	9064	0	0.0	0.0	, , ,	0.0	3375
Red Mountain Pass	SNOTEL	11080	77	30.7	22.9	134%	16.4	72%
Sharkstooth	SNOTEL	10747	67	32.3	14.3	226%	10.5	73%
Spud Mountain	SNOTEL	10674	79	32.8	16.8	195%	7.5	45%
Stump Lakes	SNOTEL	11248	50	23.2	17.7	131%	6.6	37%
Tsaile Canyon #1	SC	8160						
Tsaile Canyon #3	SC	8920						
Upper San Juan	SNOTEL	10140	79	41.2	23.2	178%	12.4	53%
Upper San Juan	SC	10200	83	39.5	21.0	188%	10.9	52%
Vallecito	ONIOTEI	40700	40	20.6	9.1	226%	0.1	1%
	SNOTEL	10782	49	20.6				
Weminuche Creek	SNOTEL	10749	49 45	22.9	6.6	347%	0.0	0%
Weminuche Creek Whiskey Creek Wolf Creek Summit								

70% **54%** Basin Index 177% # of sites 18 18

San Juan Headwa	aters Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown	SNOTEL	11600	62	30.7	18.4	167%	9.9	54%
Cascade #2	SNOTEL	9012	1	0.3	0.0		0.0	
Columbus Basin	SNOTEL	10781	88	33.0	22.2	149%	16.7	75%
Lemon Reservoir	SC	8700	16	6.9	0.0		0.0	
Mineral Creek	SNOTEL	10046	34	14.8	10.7	138%	1.7	16%
Molas Lake	SNOTEL	. 10631	55	26.0	17.7	147%	10.0	56%
Red Mountain Pass	SNOTEL	11080	77	30.7	22.9	134%	16.4	72%
Spud Mountain	SNOTEL	10674	79	32.8	16.8	195%	7.5	45%
Stump Lakes	SNOTEL	11248	50	23.2	17.7	131%	6.6	37%
Upper San Juan	SNOTEL	10140	79	41.2	23.2	178%	12.4	53%
Upper San Juan	SC	10200	83	39.5	21.0	188%	10.9	52%
Vallecito	SNOTEL	10782	49	20.6	9.1	226%	0.1	1%
Weminuche Creek	SNOTEL	. 10749	45	22.9	6.6	347%	0.0	0%
Wolf Creek Summit	SNOTEL	10957	92	40.3	34.6	116%	24.2	70%
	Basin Index					164%		53%
	# of sites					14		14
Zuni	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median

Zuni	Network	Elevation	Depth	SWE	Median	%	Last Year	Last Year
Zuiii	Network	(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median
Boon	SC	8140	0	0.0			0.0	
Dan Valley	SC	7640	0	0.0			0.0	
Mcgaffey	SC	8120	0	0.0			0.0	
			•		•	•	·	

Basin Index

of sites 0 0

Zuni-Bluewater	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	 Last Year SWE (in)	Last Year % Median
Boon	SC	8140	0	0.0		0.0	
Dan Valley	SC	7640	0	0.0		0.0	
Mcgaffey	SC	8120	0	0.0		0.0	
Ojo Redondo	SC	8200					
Rice Park	SNOTEL	8497	0	0.0	0.0	0.0	

Basin Index

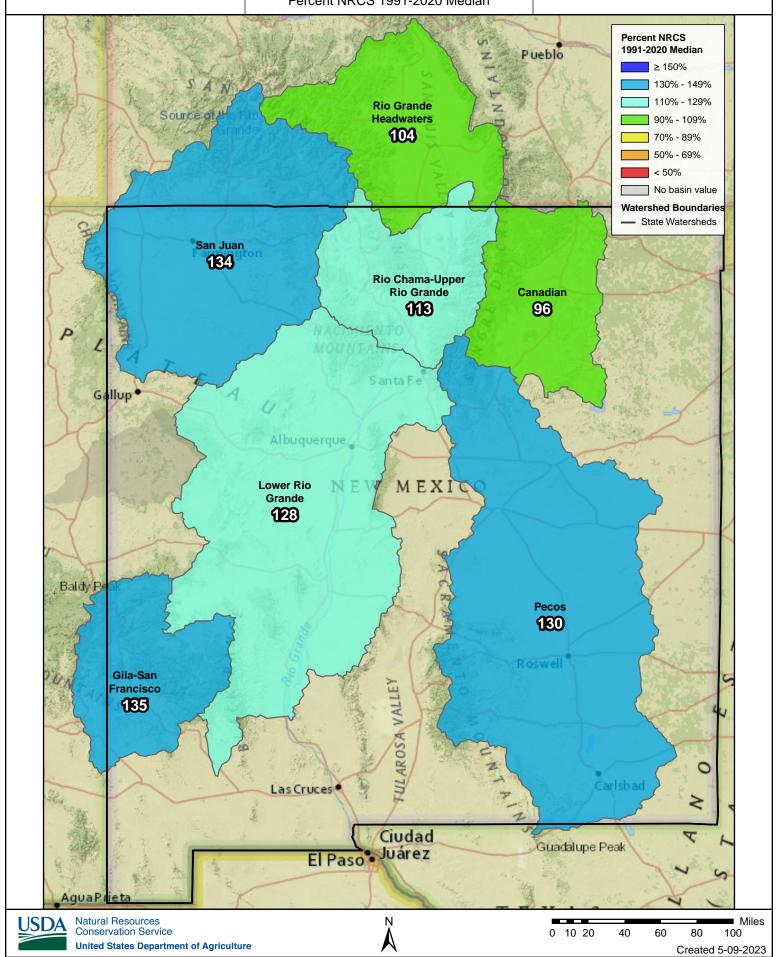
of sites 1 1

Water Year to Date Precipitation

New Mexico Basinwide Precipitation Summary

Percent NRCS 1991-2020 Median

October 1, 2022 - April 30, 2023



Report Created: 5/5/2023 7:26:15 AM Basinwide Summary: May 1, 2023 Monthly Total Precipitation For April 2023 Water Year To Date Precipitation through April 2023 (Medians based On 1991-2020 reference period) Elevation % % Last Year Last Year Current Median Last Year Last Year Current Median Network Canadian % Median (ft) (in) (in) Median (in) % Median (in) (in) Median (in) 43% 50% 9.3 60% North Costilla SNOTEL 10598 1.3 3 1.5 13.2 15.4 86% Palo SNOTEL 9343 0.6 1.8 33% 0.3 17% 11.8 10.6 111% 8.3 78% Red River Pass #2 **SNOTEL** 9855 0.4 1.9 21% 0.3 16% 9.6 12.2 79% 7.7 63% Shuree **SNOTEL** 10092 1 1.8 56% 0.4 22% 9.2 10.4 88% 7.6 73% Tolby SNOTEL 10220 0.8 2.6 31% 0.3 12% 92% 71% 14.2 15.4 11 Wesner Springs 36% SNOTEL 11151 8.0 2.2 0.1 5% 23.9 21.1 113% 12.9 61% 37% **Basin Index** 22% 96% 67% # of sites 6 6 6 6 Current Median % Last Year Last Year Median % Last Year Last Year Elevation Current Canadian Headwaters Network Median % Median % Median Median (ft) (in) (in) (in) (in) (in) (in) North Costilla **SNOTEL** 10598 1.3 3 43% 1.5 50% 13.2 15.4 86% 9.3 60% Palo **SNOTEL** 9343 0.6 1.8 33% 0.3 17% 111% 78% 11.8 10.6 8.3 Red River Pass #2 **SNOTEL** 0.3 16% 63% 9855 0.4 1.9 21% 9.6 79% 7.7 12.2 SNOTEL 10092 0.4 22% 9.2 88% Shuree 1 1.8 56% 10.4 7.6 73% Tolby SNOTEL 10220 8.0 2.6 31% 0.3 12% 14.2 15.4 92% 71% 11 **Basin Index** 37% 25% 91% 69% # of sites 5 5 5 5 % % Last Year Last Year Elevation Current Median Last Year Last Year Current Median Gila-San Francisco Network (ft) (in) (in) Median (in) % Median (in) Median (in) % Median Beaver Head SNOTEL 8076 0.1 14.5 5.9 0 Coronado Trail SNOTEL 0 0% 0% 46% 8418 0.6 0 13.8 11.2 123% 5.2 Frisco Divide SNOTEL 8013 0 0.6 0% 0.5 83% 12.2 9.3 131% 5.6 60% **SNOTEL** 0.2 22% 17.2 42% Hannagan Meadows 9027 0.9 0 0% 23.1 134% 7.3 Lookout Mountain **SNOTEL** 8509 0 0.4 0% 0 0% 11.3 8.4 135% 3.4 40% **SNOTEL** 250% 0.2 100% Nutrioso 8571 0.5 0.2 12.7 7.4 172% 3.7 50% Signal Peak 0 SNOTEL 8405 0 0.6 0% 0% 16.1 12.2 132% 5 41% Silver Creek Divide SNOTEL 9096 0 8.0 0% 0.1 13% 22.8 17 134% 48% **Basin Index** 17% 20% 135% 46% # of sites 7 7 7 Elevation % Last Year Last Year % Last Year Last Year Current Median Current Median San Francisco Network Median % Median % Median (ft) (in) (in) (in) (in) (in) Median (in) Beaver Head **SNOTEL** 8076 0.1 5.9 0 14.5 Coronado Trail 0 0% 0% 46% SNOTEL 8418 0.6 0 13.8 11.2 123% 5.2 Frisco Divide **SNOTEL** 8013 0 0.5 83% 0.6 0% 12.2 9.3 131% 5.6 60% Hannagan Meadows **SNOTEL** 9027 0.2 0.9 22% 0% 23.1 17.2 134% 7.3 42% 0 Nutrioso **SNOTEL** 250% 0.2 100% 12.7 172% 50% 8571 0.5 0.2 7.4 3.7 Silver Creek Divide **SNOTEL** 9096 0 8.0 0% 0.1 13% 22.8 17 134% 8.1 48% Basin Index 23% 26% 136% 48% # of sites 5 5 5 5 % % Elevation Current Median Last Year Last Year Current Median Last Year Last Year Upper Gila Network Median % Median % Median (ft) (in) (in) (in) (in) (in) Median (in) Lookout Mountain **SNOTEL** 8509 0 0.4 0% 0 0% 11.3 8.4 135% 3.4 40% Signal Peak **SNOTEL** 8405 0% 0 0% 41% 0 0.6 16.1 12.2 132% 5 Silver Creek Divide SNOTEL 9096 0 0% 0.1 13% 134% 48% 8.0 22.8 8.1 17 **Basin Index** 0% 6% 134% 44% # of sites 3 3 3 3

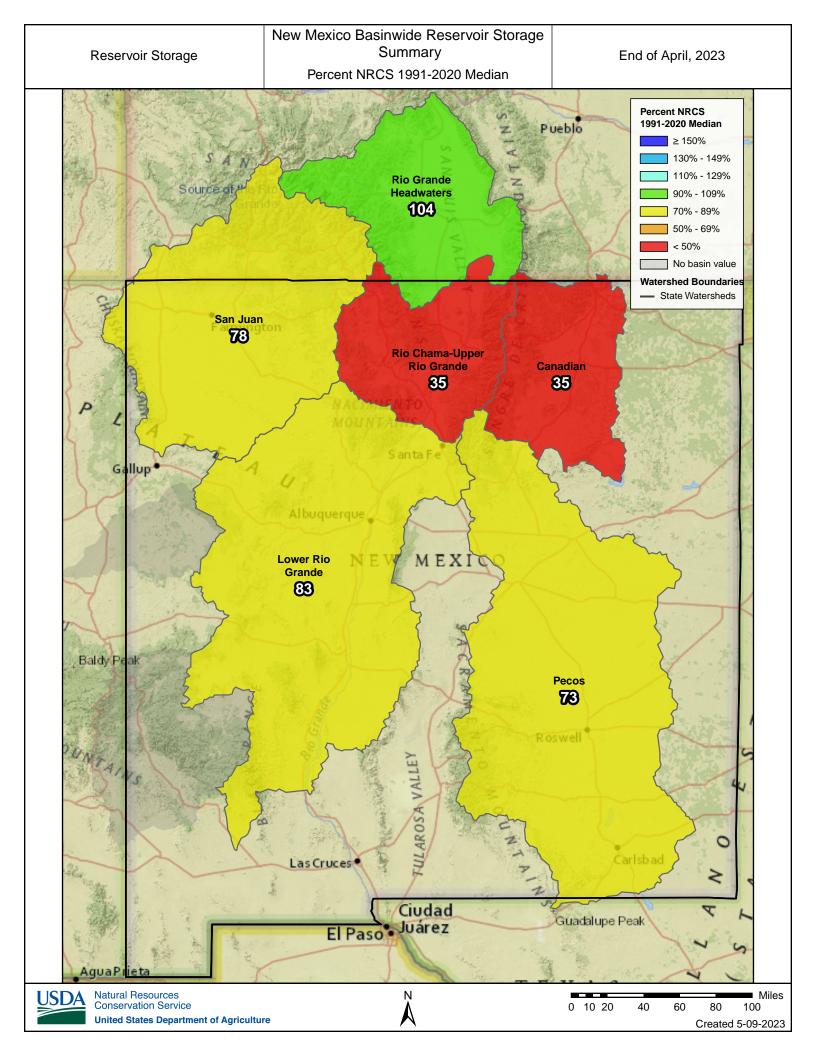
Lauran Bia Oran da	Maturada	Elevation	Current	Median	%	Last Year	Last Year	Current	Median	%	Last Year	Last Year
Lower Rio Grande	Network	(ft)	(in)	(in)	Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
Elk Cabin	SNOTEL	8239	0.3	1.2	25%	0.1	8%	16.2	11.2	145%	7.6	68%
Garita Peak	SNOTEL	10115	0.3			0.5		18.8			10.1	
Lookout Mountain	SNOTEL	8509	0	0.4	0%	0	0%	11.3	8.4	135%	3.4	40%
Mcknight Cabin	SNOTEL	9242	0	0.1	0%	0	0%	12.2	9.3	131%	3.1	33%
Quemazon	SNOTEL	9507	0	1	0%	0.3	30%	14.5	13.4	108%	8.6	64%
Rice Park	SNOTEL	8497	0.2	1	20%	0.2	20%	18.4	11.8	156%	11	93%
Santa Fe	SNOTEL	11465	1.2	2.3	52%	0.5	22%	24.9	20	125%	13.5	68%
Senorita Divide #2	SNOTEL	8569	0.1	1.7	6%	1.1	65%	18.6	16	116%	10.1	63%
Signal Peak	SNOTEL	8405	0	0.6	0%	0	0%	16.1	12.2	132%	5	41%
Vacas Locas	SNOTEL	9364	0.3	1.8	17%	1.4	78%	20	16.6	120%	11.9	72%
Basin Index	(21%		36%			128%		62%
# of sites	8				9		9			9		9

Jemez	Network	Elevation	Current	Median	%	Last Year	Last Year	Current	Median	%	Last Year	Last Year
Jeinez	Network	(ft)	(in)	(in)	Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
Garita Peak	SNOTEL	10115	0.3			0.5		18.8			10.1	
Quemazon	SNOTEL	9507	0	1	0%	0.3	30%	14.5	13.4	108%	8.6	64%
Senorita Divide #2	SNOTEL	8569	0.1	1.7	6%	1.1	65%	18.6	16	116%	10.1	63%
Vacas Locas	SNOTEL	9364	0.3	1.8	17%	1.4	78%	20	16.6	120%	11.9	72%
Basin Index					9%		62%			115%		67%
# 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	0	• • •	0%	0	0%	12.2	9.3	131%	` ,	33%
Signal Peak	SNOTEL	8405	0	0.6	0%	0		16.1	12.2	132%	5	41%
Basin In o # of s					0% 2		0% 2			132% 2		38% 2
Pecos	Network	Elevation		Median	%		Last Year	Current	Median	%	Last Year	Last Year
Elk Cabin	SNOTEL	(ft)	(in) 0.3	(in)	Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
Eik Cabin Santa Fe	SNOTEL	8239 11465	0.3 1.2		25% 52%	0.1 0.5		16.2 24.9	11.2 20	145% 125%	7.6 13.5	68% 68%
Sierra Blanca	SNOTEL	10268	0		0%	0.5		23.7	16.1	147%	7.9	49%
Wesner Springs	SNOTEL	11151	0.8		36%	0.1		23.9	21.1	113%	12.9	61%
Basin Inc	dex				32%		10%			130%		61%
# of s	ites				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	0.3	1.2	25%	0.1	8%	16.2	11.2	145%	7.6	
Santa Fe	SNOTEL	11465	1.2		52%	0.5	22%	24.9	20	125%	13.5	68%
Wesner Springs	SNOTEL	11151	0.8	2.2	36%	0.1	5%	23.9	21.1	113%	12.9	61%
Basin Inc # of s					40% 3		12% 3			124% 3		65% 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	(111)	• • •	0%	(111)		23.7	16.1	147%	7.9	
Basin Ind		10200	U	1.0	0%	U	0%	۷۵.1	10.1	147% 14 7%	1.9	49% 49%
# of s					1		1			1 1		1
Rio Chama-Upper Rio Grande	Network	Elevation (ft)	Current		% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Bateman	SNOTEL	9249	(in) 0.5	(in) 1.5	33%	0.8		16.2	15.2	107%	. ,	
Sateman Chamita	SNOTEL	9249 8383	0.5		33% 67%	0.8		16.2	13.8	107%		
Cumbres Trestle	SNOTEL	0303 10035	0.8		28%	0.9		35.4	26.6	133%	24.6	
Elk Cabin	SNOTEL	8239	0.3		25%	0.1		16.2	11.2	145%		68%
Gallegos Peak	SNOTEL	9480	0.3			0.1		17.7	16	111%		74%
Barita Peak	SNOTEL	10115	0.3		. 5 / 0	0.5		18.8	.0	70	10.1	. 170
lopewell	SNOTEL	10095	1.2		55%	0.5		24.8	20	124%		96%
lorth Costilla	SNOTEL	10598	1.3		43%	1.5		13.2	15.4	86%	9.3	
Palo	SNOTEL	9343	0.6	1.8	33%	0.3		11.8	10.6	111%	8.3	
Quemazon	SNOTEL	9507	0		0%	0.3		14.5	13.4	108%	8.6	
Red River Pass #2	SNOTEL	9855	0.4		21%	0.3		9.6	12.2	79%		63%
Rio Santa Barbara	SNOTEL	10664	0.6		50 0/	0.5		19.7	00	4050/	12.5	
Santa Fe	SNOTEL	11465	1.2		52%	0.5		24.9	20	125%		
Shuree Taos Powderhorn	SNOTEL SNOTEL	10092 11045	1 0.8	1.8 3.5	56% 23%	0.4 0.6		9.2 25.3	10.4 23.6	88% 107%		73% 91%
raos Powdernom Faos Pueblo	SNOTEL	11045	1.3		23%	0.6		30.5	23.0	107%	21.4	91%
Tres Ritos	SNOTEL	8755	0.6		30%	0.7		14.5	13.4	108%		68%
Basin Inc		0733	0.0		35%	0.5	26%	14.5	10.4	113%		78%
# of s					14		14			14		14
Rio Chama	Network	Elevation (ft)	Current (in)		% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Bateman	SNOTEL	9249	0.5	. ,		0.8		16.2	15.2	107%	` ,	
Chamita	SNOTEL	8383	0.8		67%	0.9		16.3	13.8	118%		
Cumbres Trestle	SNOTEL	10035	0.8		28%	0.7		35.4	26.6	133%		92%
Garita Peak	SNOTEL	10115	0.3			0.5		18.8		2,7,0	10.1	0
Hopewell	SNOTEL	10095	1.2	2.2		0.5		24.8	20	124%	19.1	96%
Basin Inc # of s					42% 4		37% 4			123% 4		90% 4
Upper Rio Grande	Network	Elevation	Current		%	Last Year		Current	Median	%	Last Year	Last Year
• •		(ft)	(in)	(in)	Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
Elk Cabin	SNOTEL	8239	0.3		25%	0.1		16.2	11.2	145%		
Gallegos Peak North Costilla	SNOTEL SNOTEL	9480 10598	0.3 1.3		19% 43%	0.1 1.5		17.7 13.2	16 15.4	111% 86%	11.9 9.3	74% 60%
Palo	SNOTEL	9343	0.6		33%	0.3		11.8	10.6	111%		78%
Quemazon	SNOTEL	9507	0.0		0%	0.3		14.5	13.4	108%		
Red River Pass #2	SNOTEL	9855	0.4		21%	0.3		9.6	12.2	79%		
Rio Santa Barbara	SNOTEL	10664	0.6		,0	0.5		19.7		. 0 70	12.5	
Santa Fe	SNOTEL	11465	1.2		52%	0.5		24.9	20	125%		
Shuree	SNOTEL	10092	1	1.8	56%	0.4		9.2	10.4	88%		
Taos Powderhorn	SNOTEL	11045	0.8	3.5	23%			25.3	23.6	107%	21.4	91%
Гаоs Pueblo	SNOTEL	11020	1.3			0.7		30.5			22	
Tres Ritos	SNOTEL	8755	0.6	2				14.5	13.4	108%		
Basin Ind					32%		22%			107%		72%
# of s	ites				10		10			10		10

Content Cont	SNOTEL	(ft) 11600 10061 10562 10035 11626 10699 11069 9668 11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069 9143	(in) 2.8 1.5 0.8 0.8 1.2 2.5 0.3 2.1 1.2 1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3 Current (in) 0.8 0.3	3.2 1.4 2.9 2.9 2.6 2.6 2.4 2.7 2.9 1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	Median 88% 107% 28% 28% 46% 96% 13% 78% 41% 100% 43% 104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13% 30% 2	(in) 1.5 1 1.1 0.7 2 1.8 1.4 1.6 1.6 1.8 1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7 Last Year (in) 2 1.4	% Median 77%	(in) 31.6 7.4 13.5 35.4 21.4 12.7 23.6 13.3 28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9 Current (in) 21.4	(in) 26.2 8.8 15.8 26.6 20 16.6 21.7 14.2 24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36 Median (in)	Median 121% 84% 85% 133% 107% 77% 109% 94% 113% 75% 86% 96% 100% 117% 81% 125% 104% 17 % Median	(in) 22.9 6.9 9.8 24.6 18.7 12.4 18.6 14.1 22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	% Median 87% 78% 62% 92% 94% 75% 86% 99% 102% 60% 65% 77% 80% 81% 88% 81% Last Year
Content Cont	SNOTEL	10061 10562 10035 11626 10699 11069 9668 11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069	1.5 0.8 0.8 1.2 2.5 0.3 2.1 1.2 1.4 1.3 0.5 2.4 1.8 1.5 1.9 2 0.8 Current (in) 1.2 0.3 Current (in) 0.8	1.4 2.9 2.9 2.6 2.4 2.7 2.9 1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	107% 28% 46% 96% 13% 78% 41% 100% 43% 104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13% 30%	1 1.1 0.7 2 1.8 1.4 1.6 1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7	71% 38% 24% 77% 69% 58% 59% 55% 129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	7.4 13.5 35.4 21.4 12.7 23.6 13.3 28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	8.8 15.8 26.6 20 16.6 21.7 14.2 24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36	84% 85% 133% 107% 77% 109% 94% 113% 75% 86% 96% 100% 117% 81% 125% 104% 17	6.9 9.8 24.6 18.7 12.4 18.6 14.1 22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	78% 62% 92% 94% 75% 86% 99% 102% 60% 65% 77% 80% 81% 88% 17
Culebra #2 Cumbres Trestle Cumbres Trestle Culmbres Trestle Canyback Culy Pond Caly Po	SNOTEL	10562 10035 11626 10699 11069 9668 11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069	0.8 0.8 1.2 2.5 0.3 2.1 1.2 1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3 Current (in) 0.8	2.9 2.9 2.6 2.4 2.7 2.9 1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	28% 28% 46% 96% 13% 78% 41% 100% 43% 104% 75% 46% 100% 59% 17 % Median 46% 13% 30%	1.1 0.7 2 1.8 1.4 1.6 1.8 1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7	38% 24% 77% 69% 58% 59% 55% 129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	13.5 35.4 21.4 12.7 23.6 13.3 28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	15.8 26.6 20 16.6 21.7 14.2 24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36	85% 133% 107% 77% 109% 94% 113% 75% 86% 96% 100% 117% 81% 125% 104% 17	9.8 24.6 18.7 12.4 18.6 14.1 22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	62% 92% 94% 75% 86% 99% 102% 60% 65% 77% 80% 81% 88% 17
Cumbres Trestle Grayback Silvayback Silvaybach Silvayba	SNOTEL	10035 11626 10699 11069 9668 11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	0.8 1.2 2.5 0.3 2.1 1.2 1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3 Current (in) 0.8	2.9 2.6 2.4 2.7 2.9 1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	28% 46% 96% 13% 78% 41% 100% 43% 104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13% 30%	0.7 2 1.8 1.4 1.6 1.6 1.5 0.5 1.1 1.3 0.5 1 1.3 0.7	24% 77% 69% 58% 59% 55% 129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	35.4 21.4 12.7 23.6 13.3 28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	26.6 20 16.6 21.7 14.2 24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36	133% 107% 77% 109% 94% 113% 75% 86% 96% 100% 117% 81% 125% 104% 17	24.6 18.7 12.4 18.6 14.1 22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	92% 94% 75% 86% 99% 90% 102% 60% 65% 77% 80% 80% 81% 88% 17
Stayback SNe	SNOTEL	11626 10699 11069 9668 11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069	1.2 2.5 0.3 2.1 1.2 1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3	2.6 2.4 2.7 2.9 1.4 3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	46% 96% 13% 78% 41% 100% 43% 104% 75% 46% 100% 59% 17 % Median 46% 13% 30%	2 1.8 1.4 1.6 1.8 1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7	77% 69% 58% 59% 55% 129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	21.4 12.7 23.6 13.3 28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	20 16.6 21.7 14.2 24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36	107% 77% 109% 94% 113% 75% 86% 96% 100% 117% 81% 125% 104% 17	18.7 12.4 18.6 14.1 22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	94% 75% 86% 99% 90% 102% 60% 65% 77% 80% 80% 81% 88% 17
Hayden Pass Jily Pond Medano Pass Middle Creek Moon Pass Morth Costilla San Antonio Sink Sargents Mesa Silumgullion Sirinchera Jupper Rio Grande Moff Creek Summit San Antonio Sink Shide Creek Wager Gulch Wolf Creek Summit San Antonio Sink Basin Index # of sites Conejos Net Cumbres Trestle Jily Pond San Antonio Sink Basin Index # of sites Culebra-Trinchera Net Culebra-Trinchera Net Culebra-Trinchera Net Culebra-Trinchera Net Sirinchera Jute Creek Shiddle Creek Shidle Creek Shidle Creek Shiddle Creek Shiddle Creek Shiddle Creek	SNOTEL	10699 11069 9668 11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	2.5 0.3 2.1 1.2 1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3	2.6 2.4 2.7 2.9 1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	96% 13% 78% 41% 100% 43% 104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13% 30%	1.8 1.4 1.6 1.6 1.8 1.5 0.5 1.1 1.3 0.7 Last Year (in)	69% 58% 59% 55% 129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	12.7 23.6 13.3 28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	16.6 21.7 14.2 24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36	77% 109% 94% 113% 75% 86% 96% 100% 117% 81% 125% 104% 17	12.4 18.6 14.1 22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	75% 86% 99% 90% 102% 60% 65% 77% 80% 81% 88% 17
illy Pond Medano Pass Medano Pass Middle Creek Moon Pass	SNOTEL	11069 9668 11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069	0.3 2.1 1.2 1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3 Current (in) 0.8	2.4 2.7 2.9 1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	13% 78% 41% 100% 43% 104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13% 30%	1.4 1.6 1.8 1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7	58% 59% 55% 129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	23.6 13.3 28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	21.7 14.2 24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36	109% 94% 113% 75% 86% 96% 100% 117% 81% 125% 104% 17	18.6 14.1 22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	86% 99% 90% 102% 60% 65% 77% 80% 81% 88% 17
Alamosa SNi Basin Index # of sites Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Culebra-Trinchera Net Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Culebra-Trinchera Sni Alamosa Sni Basin Index # of sites Basin Index # of sites Alamosa Sni Basin Index # of sites	SNOTEL Network	9668 11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	2.1 1.2 1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3 Current (in) 0.8	2.7 2.9 1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	78% 41% 100% 43% 104% 75% 46% 100% 59% 23% 17 % Median 46% 13% 30%	1.6 1.8 1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7	59% 55% 129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	13.3 28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	14.2 24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36	94% 113% 75% 86% 96% 96% 100% 117% 81% 125% 104% 17	14.1 22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	99% 90% 102% 60% 65% 77% 80% 80% 81% 88% 17
Aliddle Creek Moon Pass Mo	SNOTEL Network	11269 11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	1.2 1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3	2.9 1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	41% 100% 43% 104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13% 30%	1.6 1.8 1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7	55% 129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	28 7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	24.8 9.5 15.4 14.2 15.9 14 11.1 19.2 36	113% 75% 86% 96% 96% 100% 117% 81% 125% 104% 17	22.2 9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	90% 102% 60% 65% 77% 80% 80% 81% 88% 17
Moon Pass Jorth Costilla Jorn Antonio Sink Jorn Antonio Sind Jorn Antonio Sind Jorn Antonio Sink	SNOTEL Network	11128 10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069	1.4 1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3	1.4 3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	100% 43% 104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13%	1.8 1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7	129% 50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	7.1 13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	9.5 15.4 14.2 15.9 14 11.1 19.2 36	75% 86% 96% 96% 100% 117% 81% 125% 104% 17	9.7 9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	102% 60% 65% 77% 80% 81% 88% 17
lorth Costilla ian Antonio Sink ian Antonio Sink iangents Mesa Sink iangents Mesa Sink iangents Mesa Sink index inchera Sink index inchera Sink index inchera Sink index	SNOTEL Network	10598 9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069	1.3 0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3	3 2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	43% 104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13% 30%	1.5 0.5 1.1 1.3 0.8 0.5 1 1.3 0.7	50% 48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	13.2 11.8 13.6 15.2 14 13 15.6 16.1 44.9	15.4 14.2 15.9 14 11.1 19.2 36	86% 96% 100% 117% 81% 125% 104% 17	9.3 11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	60% 65% 77% 80% 80% 81% 88% 17
Alamosa Net Shumgullion Shumgu	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL Network	9143 11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069	0.5 2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3	2.3 2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	104% 75% 46% 100% 59% 23% 59% 17 % Median 46% 13%	0.5 1.1 1.3 0.8 0.5 1 1.3 0.7 Last Year (in)	48% 54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	11.8 13.6 15.2 14 13 15.6 16.1 44.9	14.2 15.9 14 11.1 19.2 36	96% 96% 100% 117% 81% 125% 104% 17	11.9 9.2 12.2 11.2 8.9 15.6 12.4 31.7	65% 77% 80% 80% 81% 88% 83% 17
argents Mesa lumgullion rinchera SNr pper Rio Grande tte Creek //ager Gulch //olf Creek Summit Sasin Index # of sites Alamosa	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL Network SNOTEL	11499 11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069	2.4 1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3	2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	75% 46% 100% 59% 23% 59% 17 % Median 46% 13%	1.1 1.3 0.8 0.5 1 1.3 0.7 Last Year (in)	54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	13.6 15.2 14 13 15.6 16.1 44.9	15.9 14 11.1 19.2 36 Median	96% 100% 117% 81% 125% 104% 17	9.2 12.2 11.2 8.9 15.6 12.4 31.7	77% 80% 80% 81% 88% 17 Last Year
Interpolation SNO Interpolatio	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11560 10922 9379 10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft)	1.8 1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3	2.4 2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	75% 46% 100% 59% 23% 59% 17 % Median 46% 13%	1.3 0.8 0.5 1 1.3 0.7 Last Year (in)	54% 29% 33% 31% 20% 49% 17 Last Year % Median 77%	15.2 14 13 15.6 16.1 44.9 Current (in)	15.9 14 11.1 19.2 36 Median	96% 100% 117% 81% 125% 104% 17	12.2 11.2 8.9 15.6 12.4 31.7	77% 80% 80% 81% 88% 17 Last Year
rinchera SNumbers Rio Grande SNumbers Trestle ily Pond Snumbers Hof Sites Snumbers Hof Site	SNOTEL SNOTEL SNOTEL SNOTEL Network SNOTEL SNOTEL NOTEL	10922 9379 10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	1.3 1.5 1.9 2 0.8 Current (in) 1.2 0.3 Current (in)	2.8 1.5 3.2 3.5 Median (in) 2.6 2.4	46% 100% 59% 23% 59% 17 % Median 46% 13% 30%	0.8 0.5 1 1.3 0.7 Last Year (in)	29% 33% 31% 20% 49% 17 Last Year % Median 77%	14 13 15.6 16.1 44.9 Current (in)	14 11.1 19.2 36 Median	100% 117% 81% 125% 104% 17	11.2 8.9 15.6 12.4 31.7	80% 80% 81% 88% 83% 17
Interpretation of the Creek Service of the Creek Se	SNOTEL SNOTEL SNOTEL SNOTEL Network	9379 10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	1.5 1.9 2 0.8 Current (in) 1.2 0.3 Current (in)	1.5 3.2 3.5 Median (in) 2.6 2.4	100% 59% 23% 59% 17 % Median 46% 13% 30%	0.5 1 1.3 0.7 Last Year (in)	33% 31% 20% 49% 17 Last Year % Median 77%	13 15.6 16.1 44.9 Current (in)	11.1 19.2 36 Median	117% 81% 125% 104% 17	8.9 15.6 12.4 31.7	80% 81% 88% 83% 17
Alamosa Net Alamosa Net Basin Index # of sites Alamosa Net Basin Index # of sites Conejos Net Conejos N	SNOTEL SNOTEL SNOTEL Network SNOTEL SNOTEL	10734 11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	1.9 2 0.8 Current (in) 1.2 0.3 Current (in)	3.2 3.5 Median (in) 2.6 2.4	59% 23% 59% 17 % Median 46% 13% 30%	1 1.3 0.7 Last Year (in)	31% 20% 49% 17 Last Year % Median 77%	15.6 16.1 44.9 Current (in)	19.2 36 Median	81% 125% 104% 17	15.6 12.4 31.7 Last Year	81% 88% 83% 17 Last Year
Alamosa Net Basin Index # of sites Alamosa Net Grayback ily Pond SNet Conejos Net Conejos N	Network SNOTEL SNOTEL SNOTEL Network	11132 10957 Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	2 0.8 Current (in) 1.2 0.3 Current (in)	3.5 Median (in) 2.6 2.4 Median	23% 59% 17 % Median 46% 13% 30%	1.3 0.7 Last Year (in)	20% 49% 17 Last Year % Median 77%	16.1 44.9 Current (in)	36 Median	125% 104% 17	12.4 31.7 Last Year	88% 83% 17 Last Year
Alamosa Net Basin Index # of sites Alamosa Net Grayback illy Pond SNet Basin Index # of sites Conejos Net Conejos Net Conejos Net Conejos Net Basin Index # of sites Cumbres Trestle illy Pond SNet Can Antonio Sink Basin Index # of sites Culebra-Trinchera Net Culebra #2 rinchera SNet Culebra #2 rinchera SNet Culebra # of sites Basin Index # of sites Headwaters Rio Grande Net Culebra # of sites Basin Index Basin Index # of sites Basin Index SNet Culebra # of sites Basin Index # of sites	Network SNOTEL SNOTEL Network	Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	Current (in) 1.2 0.3 Current (in) 0.8	Median (in) 2.6 2.4 Median	59% 17 % Median 46% 13% 30%	0.7 Last Year (in) 2	49% 17 Last Year % Median 77%	44.9 Current (in)	Median	104% 17 %	31.7	83% 17 Last Year
Alamosa Nei Basin Index # of sites Conejos Nei Conejos Nei Basin Index # of sites Culebra-Trinchera Nei Alamosa Nei Basin Index # of sites Culebra-Trinchera Nei Alamosa Nei Basin Index # of sites Headwaters Rio Grande Nei Basin Index # of sites Headwaters Rio Grande Nei Basin Index # of sites Alamosa Nei Basin Index # of sites Basin Index # of sites Alamosa Nei Basin Index # of sites Alamosa Nei Basin Index # of sites Alamosa SNei Basin Index # of sites	Network SNOTEL SNOTEL	Elevation (ft) 11626 11069 Elevation (ft) 10035 11069	Current (in) 1.2 0.3 Current (in) 0.8	Median (in) 2.6 2.4 Median	59% 17 % Median 46% 13% 30%	Last Year (in)	49% 17 Last Year % Median 77%	Current (in)	Median	104% 17 %	Last Year	83% 17 Last Year
Alamosa Net Basin Index # of sites Conejos Net Conejos Net Basin Index # of sites Culebra-Trinchera Net Alamosa SNet Basin Index # of sites Culebra-Trinchera Net Culebra-Trinchera Net Alamosa SNet Basin Index # of sites Headwaters Rio Grande Net Basin Index # of sites Headwaters Rio Grande Net Basin Index # of sites Alamosa SNet Basin Index # of sites Basin Index # of sites Alamosa SNet Basin Index # of sites Alamosa SNet Basin Index # of sites Basin Index # of sites Basin Index # of sites Alamosa SNet Basin Index # of sites Alamosa SNet Basin Index # of sites	SNOTEL SNOTEL Network	(ft) 11626 11069 Elevation (ft) 10035 11069	(in) 1.2 0.3 Current (in) 0.8	(in) 2.6 2.4 Median	17 % Median 46% 13% 30%	(in) 2	Last Year % Median 77%	(in)		17 %		17 Last Year
Alamosa Networks SNetwork SNet	SNOTEL SNOTEL Network	(ft) 11626 11069 Elevation (ft) 10035 11069	(in) 1.2 0.3 Current (in) 0.8	(in) 2.6 2.4 Median	% Median 46% 13% 30%	(in) 2	Last Year % Median 77%	(in)		%		Last Year
rayback ly Pond SNo Basin Index # of sites Conejos Net Umbres Trestle SNo an Antonio Sink SNo Basin Index # of sites Culebra-Trinchera Net Ulebra #2 SNo te Creek SNo Basin Index # of sites Headwaters Rio Grande Net eartown rayback SNo iddle Creek SNo for Sites Headwaters Rio Grande SNo te Creek SNo Basin Index # of sites Headwaters Rio Grande Net Basin Index SNo te Creek SNo Basin Index SNo te Creek SNo	SNOTEL SNOTEL Network	(ft) 11626 11069 Elevation (ft) 10035 11069	(in) 1.2 0.3 Current (in) 0.8	(in) 2.6 2.4 Median	Median 46% 13% 30%	(in) 2	% Median 77%	(in)				
rayback ly Pond SNo Basin Index # of sites Conejos Net Umbres Trestle SNo an Antonio Sink SNo Basin Index # of sites Culebra-Trinchera Net Ulebra #2 SNo te Creek SNo Basin Index # of sites Headwaters Rio Grande Net eartown rayback SNo liddle Creek SNo liddle Creek SNo Pasin Index SNo Basin Index # of sites Headwaters Rio Grande Net Pasin Index SNo Richard SNo Rich	SNOTEL SNOTEL Network	11626 11069 Elevation (ft) 10035 11069	1.2 0.3 Current (in) 0.8	2.6 2.4 Median	46% 13% 30%	2	77%	` ,	(in)	Median		0/ 1/1
Conejos Nei Conejos Nei Conejos Nei Umbres Trestle SNi Iy Pond SNi an Antonio Sink SNi Basin Index # of sites Culebra-Trinchera Nei Ulebra #2 rinchera SNi te Creek SNi Basin Index # of sites Headwaters Rio Grande Nei eartown rayback SNi Iddle Creek SNi Iliddle	SNOTEL Network	Elevation (ft) 10035 11069	Current (in)	2.4 Median	13% 30%			21 /			(in)	% Median
Conejos Net Basin Index # of sites Combres Trestle illy Pond SNo San Antonio Sink SNo Basin Index # of sites Culebra-Trinchera Net Culebra #2 SNo Trinchera SNo Basin Index # of sites Basin Index # of sites Headwaters Rio Grande Net Grayback SNo Slumgullion SNo Slower Sund SNo Slower Sund SNo Slower	Network	Elevation (ft) 10035 11069	Current (in)	Median	30%	1.4		۷1.4	20	107%	18.7	94%
Conejos Net Combres Trestle illy Pond SNives An Antonio Sink SNives Basin Index Culebra-Trinchera Net Culebra #2 SNives Snive	Network	Elevation (ft) 10035 11069	Current (in)	Median	30%		58%	23.6	21.7	109%	18.6	86%
Conejos Net Cumbres Trestle illy Pond SNiv Sn		(ft) 10035 11069	(in) 0.8				68%			108%		89%
Culebra-Trinchera Culebra-Trinchera Culebra-Trinchera Culebra #2 rinchera Ste Creek Basin Index # of sites Basin Index # of sites Headwaters Rio Grande Peartown Grayback Iddle Creek Iumgullion Ipper Rio Grande Vager Gulch Volf Creek Summit Basin Index # of sites Basin Index # of sites Net Basin Index # of sites Net Basin Index # of sites Net SNet		(ft) 10035 11069	(in) 0.8				2			2		2
Culebra-Trinchera Culebra-Trinchera Culebra-Trinchera Culebra #2 rinchera Ste Creek Basin Index # of sites Basin Index # of sites Headwaters Rio Grande Peartown Grayback Iddle Creek Iumgullion Ipper Rio Grande Vager Gulch Volf Creek Summit Basin Index # of sites Basin Index # of sites Net Basin Index # of sites Net Basin Index # of sites Net SNet		(ft) 10035 11069	(in) 0.8		%	Last Year	Last Year	Current	Median	%	Last Year	Last Year
Illy Pond an Antonio Sink SNo Basin Index # of sites Culebra-Trinchera Net Ulebra #2 SNo Trinchera	SNOTE	11069			Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
Illy Pond an Antonio Sink SNo Basin Index # of sites Culebra-Trinchera Net Ulebra #2 SNo Trinchera	J. 10 I LL		0.3	2.9	28%	0.7	24%	35.4	26.6	133%	24.6	92%
Culebra-Trinchera Net Sulebra #2 SNG Strinchera SNG Basin Index # of sites Culebra-Trinchera Net Culebra-Trinchera Net Sulebra #2 SNG Strinchera SNG Basin Index # of sites Headwaters Rio Grande Net Grayback SNG Strinddle Creek SNG Strinddle Creek SNG Strinddle Creek SNG Strinddle Creek SNG Strinddle SNG SNG SNG Strinddle SNG SNG Strinddle SNG SNG Strinddle SNG SNG SNG Strinddle SNG SNG SNG Strinddle SNG	SNOTEL			2.4	13%	1.4	58%	23.6	21.7	109%	18.6	86%
Culebra-Trinchera Net Gulebra #2 SNG Ininchera SNG Ite Creek SNG Basin Index # of sites Headwaters Rio Grande Net Grayback SNG Ilumgullion SNG Ipper Rio Grande SNG Volf Creek Summit SNG Basin Index # of sites Headwaters Rio Grande Net First SNG First SNG Basin Index # of sites And Juan Network Grande SNG Basin Index # of sites And Juan Network Grande SNG Basin Index # of sites And Juan Network Grande SNG Basin Index # of sites And Juan Network Grande SNG Basin Index # of sites And Juan SNG Basin Index # of sites	SNOTEL		0.5			0.5		11.8			11.9	
Culebra-Trinchera Culebra #2 Princhera SNO Ste Creek Basin Index # of sites Headwaters Rio Grande Reartown Grayback Iddle Creek Slumgullion Sper Rio Grande Vager Gulch Volf Creek Summit Basin Index # of sites Basin Index # of sites Fan Juan Netwon Reartown					21%	·	40%			122%		89%
Culebra #2 SNo Trinchera SNo Dite Creek SNo Basin Index # of sites Headwaters Rio Grande Ner Beartown SNo Brayback SNo Middle Creek SNo Slumgullion SNo Upper Rio Grande SNo Volf Creek Summit SNo Basin Index # of sites Basin Index # of sites San Juan Netwood Beartown SNo Beaver Spring SNo Beav					2		2			2		2
Fullebra #2 SNote Ite Creek SNote Basin Index # of sites Headwaters Rio Grande Nete Feartown SNote First Snote Fi	Network	Elevation	Current		%	Last Year		Current	Median		Last Year	Last Year
rinchera te Creek SNo Basin Index # of sites Headwaters Rio Grande Net eartown SNo irayback SNo liddle Creek SNo lumgullion SNo pper Rio Grande SNo /olf Creek Summit SNo Basin Index # of sites an Juan Netwo eartown SNo eartown SNo eartown SNo an Juan SNo eartown S		(ft)	(in)	(in)	Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
Headwaters Rio Grande Headwaters Rio Grande Rarayback Iliddle Creek Ilumgullion Ipper Rio Grande Vager Gulch Volf Creek Summit Basin Index # of sites Basin Index # of sites An Juan Network eartown eaver Spring ascade #2 Folumbus Basin Ilancos Ilineral Creek SNO Basin Index SNO SNO SNO SNO SNO SNO SNO SNO	SNOTEL	10562	0.8	2.9	28%	1.1	38%	13.5	15.8	85%	9.8	62%
Headwaters Rio Grande Headwaters Rio Grande Reartown Grayback Iddle Creek Iumgullion Ipper Rio Grande Vager Gulch Volf Creek Summit Basin Index # of sites An Juan Network Reartown Reaver Spring Reascade #2 Folumbus Basin Iancos Inneral Creek SNo	SNOTEL	10922	1.3	2.8	46%	0.8	29%	14	14	100%	11.2	80%
Headwaters Rio Grande Reartown Grayback Iddle Creek Iumgullion Ipper Rio Grande Vager Gulch Volf Creek Summit Basin Index # of sites Basin SNO	SNOTEL	10734	1.9	3.2	59%	1	31%	15.6	19.2	81%	15.6	81%
Headwaters Rio Grande Seartown Grayback Middle Creek Slumgullion Upper Rio Grande Vager Gulch Volf Creek Summit Basin Index # of sites Seartown					45%		33%			88%		75%
leartown SNo Grayback SNo Grande SNo Wolf Creek Summit SNo Basin Index # of sites Fan Juan Netwo Grande SNo Grand					3		3			3		3
Beartown SNo Grayback SNo Grande SN	Naturant	Elevation	Current	Median	%	Last Year	Last Year	Current	Median	%	Last Year	Last Year
irayback SNo liddle Creek SNo lumgullion SNo pper Rio Grande SNo Jager Gulch SNo Jolf Creek Summit SNo Basin Index # of sites an Juan Netwo eartown SNo eaver Spring SNo ascade #2 SNo lolumbus Basin SNo lancos SNo lineral Creek SNo	Network	(ft)	(in)	(in)	Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
irayback SNo liddle Creek SNo lumgullion SNo pper Rio Grande SNo Jager Gulch SNo Jolf Creek Summit SNo Basin Index # of sites an Juan Netwo eartown SNo eaver Spring SNo ascade #2 SNo lolumbus Basin SNo lancos SNo lineral Creek SNo	SNOTEL	11600	2.8	3.2	88%	1.5	47%	31.6	26.2	121%	22.9	87%
liddle Creek SNo lumgullion SNo lumg	SNOTEL	11626	1.2	2.6	46%	2	77%	21.4	20.2	107%	18.7	94%
lumgullion SNG pper Rio Grande SNG /ager Gulch SNG /olf Creek Summit SNG Basin Index # of sites an Juan Netwo eartown eaver Spring SNG ascade #2 SNG olumbus Basin SNG lancos SNG lineral Creek SNG	SNOTEL	11269	1.2	2.0	41%	1.6	55%	21.4	24.8	113%	22.2	90%
pper Rio Grande Vager Gulch Volf Creek Summit Basin Index # of sites an Juan Netwood eartown eaver Spring ascade #2 solumbus Basin lancos SNo lineral Creek SNo	SNOTEL	11560	1.8	2.9	75%	1.3	54%	15.2	15.9	96%	12.2	77%
Vager Gulch Volf Creek Summit Basin Index # of sites Fan Juan Netwood Reartown Seaver Spring Sascade #2 Solumbus Basin Mancos Sineral Creek Sineral Creek Sineral	SNOTEL	9379	1.5	1.5	100%	0.5	33%	13.2	11.1	117%	8.9	80%
Basin Index # of sites an Juan Network eartown eaver Spring sascade #2 solumbus Basin flancos SNo lineral Creek SNo	SNOTEL	9379 11132	1.5	1.5	100%	1.3	33 %	16.1	11.1	11170	12.4	00%
Basin Index # of sites an Juan Netwood eartown eaver Spring ascade #2 Solumbus Basin Iancos Sineral Creek SNo	SNOTEL	10957	0.8	3.5	23%	0.7	20%	44.9	36	125%	31.7	88%
# of sites an Juan Network eartown eaver Spring sascade #2 solumbus Basin Ancos SNo Inneral Creek # of sites	OINO I EL	10957	0.8	ა.5	58%	0.7	47%	44.9	30	125% 115%	31./	88% 87%
eartown SNo eaver Spring SNo eascade #2 SNo folumbus Basin SNo flancos SNo flineral Creek SNo					58% 6		47% 6			11 5% 6		87% 6
Beartown SNo Beaver Spring SNo Cascade #2 SNo Columbus Basin SNo Mancos SNo Mineral Creek SNo		FI: "	0	N.A - 11	01	1 131	1 (34	0	NA 2"	0.1	LastN	LestY
Seaver Spring SNG Cascade #2 SNG Columbus Basin SNG Mancos SNG	etwork	Elevation	Current		% Median	Last Year	Last Year % Median	Current	Median	% Median	Last Year (in)	Last Year
leaver Spring SNG Sascade #2 SNG Solumbus Basin SNG Mancos SNG		(ft)	(in)	(in)		(in)		(in)	(in)		, ,	% Median
sascade #2 SN0 solumbus Basin SN0 fancos SN0 fineral Creek SN0		11600	2.8	3.2	88%	1.5	47%	31.6	26.2	121%	22.9	87%
olumbus Basin SNo Iancos SNo Iineral Creek SNo	SNOTEL	9255	0.5	1.6	31%	0.5	31%	26	15.9	164%	15.5	97%
lancos SNo lineral Creek SNo	SNOTEL SNOTEL	9012	1	1.6	63%	0.8	50%	27.7	20.4	136%	18.1	89%
lineral Creek SNG	SNOTEL SNOTEL SNOTEL	10781	1	3	33%	1.3	43%	39.5	28.8	137%	24.5	85%
	SNOTEL SNOTEL SNOTEL SNOTEL	10044	0.7	2.4	29%	0.5	21%	24.2	19.3	125%	13.6	70%
	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	10046	2.5	2.4	104%	1.3	54%	23.8	19.4	123%	18.4	95%
	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	10631	2	2.8	71%	1.1	39%	27.8	22.8	122%	22.1	97%
avajo Whiskey Ck SN6	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	0004	0.4	1.4	29%	0.2	14%	22.8	12.2	187%	12.2	100%
· ·	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	9064	3.3	4.2	79%	1.9	45%	34.5	29.2	118%	24.6	84%
	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL		1.8	2.5	72%	2	80%	36	22.8	158%	25	110%
	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11080	2.3	3.3	70%	1.2	36%	44.7	33.1	135%	29.7	90%
	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11080 10747	0.9	3.3 2	45%	0.7	35%	30.2	21.1	143%	17.6	83%
·	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11080 10747 10674	0.9		43% 27%	1.3	39%	45.3	37.4	143%	32.7	87%
• •	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11080 10747 10674 11248		3.3								
	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11080 10747 10674 11248 10140	0.9	1.7	41%	0.8	47%	27.3	19.5	140%	16.3	84%
	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11080 10747 10674 11248 10140 10782			48%	0.9	43%	33	22.7	145%	19.1	84%
	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11080 10747 10674 11248 10140 10782 10749	0.9 0.7 1	2.1	7770/	~ -	20%			4050/	31.7	88%
Basin Index # of sites	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	11080 10747 10674 11248 10140 10782	0.9		23% 55%	0.7	41%	44.9	36	125% 134%		89%

San Juan Headwaters	Network	Elevation	Current	Median	%	Last Year	Last Year	Current	Median	%	Last Year	Last Year
Sali Juali i leauwaters	INCIMOIK	(ft)	(in)	(in)	Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
Beartown	SNOTEL	11600	2.8	3.2	88%	1.5	47%	31.6	26.2	121%	22.9	87%
Cascade #2	SNOTEL	9012	1	1.6	63%	0.8	50%	27.7	20.4	136%	18.1	89%
Columbus Basin	SNOTEL	10781	1	3	33%	1.3	43%	39.5	28.8	137%	24.5	85%
Mineral Creek	SNOTEL	10046	2.5	2.4	104%	1.3	54%	23.8	19.4	123%	18.4	95%
Molas Lake	SNOTEL	10631	2	2.8	71%	1.1	39%	27.8	22.8	122%	22.1	97%
Red Mountain Pass	SNOTEL	11080	3.3	4.2	79%	1.9	45%	34.5	29.2	118%	24.6	84%
Spud Mountain	SNOTEL	10674	2.3	3.3	70%	1.2	36%	44.7	33.1	135%	29.7	90%
Stump Lakes	SNOTEL	11248	0.9	2	45%	0.7	35%	30.2	21.1	143%	17.6	83%
Upper San Juan	SNOTEL	10140	0.9	3.3	27%	1.3	39%	45.3	37.4	121%	32.7	87%
Vallecito	SNOTEL	10782	0.7	1.7	41%	0.8	47%	27.3	19.5	140%	16.3	84%
Weminuche Creek	SNOTEL	10749	1	2.1	48%	0.9	43%	33	22.7	145%	19.1	84%
Wolf Creek Summit	SNOTEL	10957	0.8	3.5	23%	0.7	20%	44.9	36	125%	31.7	88%
Basin Index					58%		41%			130%		88%
# of sites					12		12			12		12
7 .' Di	Nicol	Elevation	Current	Median	%	Last Year	Last Year	Current	Median	%	Last Year	Last Year
Zuni-Bluewater	Network	(ft)	(in)	(in)	Median	(in)	% Median	(in)	(in)	Median	(in)	% Median
Rice Park	SNOTEL	8497	0.2	1	20%	0.2	20%	18.4	11.8	156%	11	93%
Basin Index					20%		20%			156%		93%
# of sites					1		1			1		1



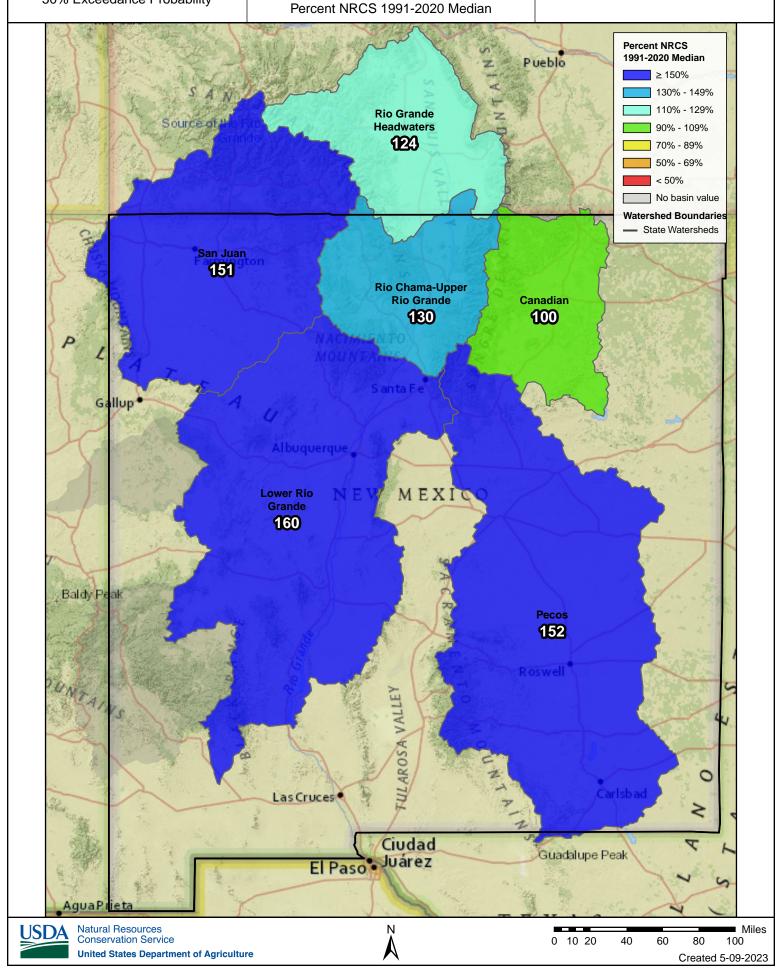
Report Created: 5/5/2023 2:51:20 PM

Report Created: 5/5/2023 2:51:20 PM Basinwide Summary: May 1, 2023 (Medians based On 1991-2020 reference period)			Rese	ervoir Stora	age Summa	ry For the End	l of April 20	23	
Canadian	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Conchas Lake	22.7	15.0	124.6	254.4	9%	6%	49%	18%	12%
Eagle Nest Lake nr Eagle Nest, NM	37.8	38.4	48.0	79.0	48%	49%	61%	79%	80%
Basin Index # of reservoirs					18% 2	16% 2	52% 2		31 %
Lower Rio Grande	(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Last Year % Capacity	Capacity	Median	Last Year % Median
Bluewater Lake	19.7	1.7	6.1	38.5		4%	16%		28%
Caballo Reservoir	55.0		60.2	332.0		5%	18%		25%
Cochiti Lake	42.7	42.5	51.6	491.0		9%	11%	83%	82%
Mcclure Reservoir	2.5	0.6	2.0	3.3		19%	61%		32%
Elephant Butte Reservoir	422.9	256.5	532.5	2195.0		12%	24%	79%	48%
# of reservoirs					18% 5	10% 5	21% 5		49% 5
Pecos	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lake Sumner	17.0		26.9	102.0		14%	26%		52%
Santa Rosa Reservoir	39.2	17.6	59.8	432.2		4%	14%		29%
Brantley Lake nr Carlsbad	26.3	23.2	26.4	1008.2		2%	3%	99%	88%
Lake Avalon	1.5		1.3	4.0			33%	117%	
Basin Index					5%	4%	7%		48%
# of reservoirs					4	3	4	4	3
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
El Vado Reservoir	2.8	17.5	118.5	184.8		9%	64%	2%	15%
Nambe Falls Reservoir	1.7	1.7	2.0	1.7	105%	101%	120%	87%	84%
Heron Reservoir	61.8	58.6	242.5	400.0	15%	15%	61%	25%	24%
Costilla Reservoir	8.3	5.2	8.3	16.0	52%	33%	52%	99%	63%
Abiquiu Reservoir	116.1	80.9	171.6	1198.5	10%	7%	14%	68%	47%
Basin Index					11%	9%	30%	35%	30%
# 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
Beaver Reservoir	3.6	3.9	4.4	4.5	80%	86%	98%	82%	88%
Santa Maria Reservoir	8.5		7.5	45.0		26%	17%		154%
Mountain Home Reservoir	5.0		3.6	18.0		26%	20%		131%
Sanchez Reservoir	9.0		20.6	103.0	9%	6%	20%		32%
La Jara Reservoir	2.7	1.7	2.3		_	_	_	119%	73%
Platoro Reservoir	13.8	14.4	18.3			24%	31%		79%
Continental Reservoir	13.9	12.1	7.0	27.0		45%	26%		173%
Rio Grande Reservoir	29.6		19.5	51.0		47%	38%		122%
Terrace Reservoir	9.3	7.4	8.1	18.0		41%	45%		91%
Basin Index # of reservoirs					28% 8	26% 8	27% 8		94% 9
San Juan	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Navaja Pacarvair	1123.7	, ,	_ ` '	1696.0					
Navajo Reservoir Vallecito Reservoir	36.5		1393.0 85.7	1696.0		53% 58%	82% 68%		64% 85%
Vallecto Reservoir Lemon Reservoir	36.5 13.2		85. <i>1</i> 22.4			58% 48%	56%		85% 85%
Jackson Gulch Reservoir	8.2		7.6	10.0		46% 73%	76%	107%	96%
Jackson Guion (Nosel VIII	0.2	ı.s	1.0	10.0	UZ /0	13/0	10/0	101 /0	
Basin Index					63%	53%	81%	78%	66%

Forecast Volume, 50% Exceedance Probability

New Mexico Basinwide Streamflow Forecast Summary

Primary Period, May 1, 2023

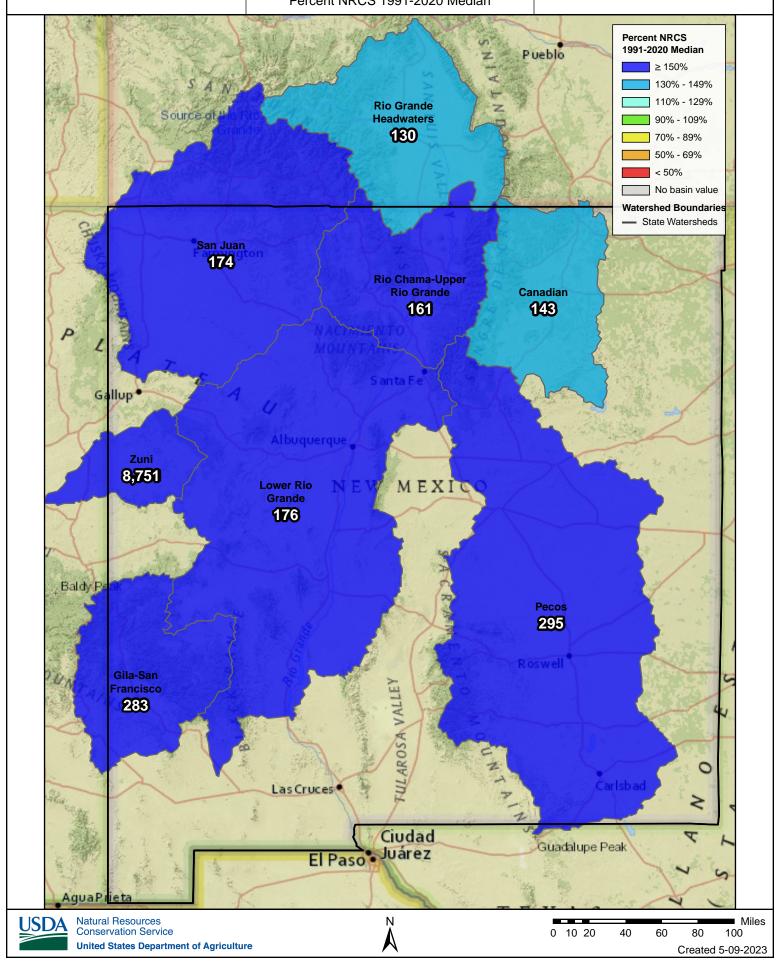


1 month Adjusted Volume, Observed

New Mexico Basinwide Observed Streamflow Summary

Percent NRCS 1991-2020 Median

April 1, 2023 - April 30, 2023



Report Created: 5/5/2023 2:51:36 PM

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

		Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast								
Canadian	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)		
Vermejo R nr Dawso	on									
	MAR-JUN	1.27	1.97	2.6	49%	3.3	4.7	5.3		
	MAY-JUN	0.55	1.25	1.88	49%	2.6	4	3.8		
Cimarron R nr Cima	rron ²									
	MAR-JUN	6.8	10.2	12.5	136%	14.8	18.2	9.2		
	MAY-JUN	-0.2	3.2	5.5	122%	7.8	11.2	4.5		
Eagle Nest Reservo	ir Inflow ²									
	MAR-JUN	5.3	7.3	8.6	128%	10	12	6.7		
	MAY-JUN	-0.65	1.35	2.6	108%	4	6	2.4		
Ponil Ck nr Cimarror	า									
	MAR-JUN	1.9	2.7	3.4	63%	4.2	5.7	5.4		
	MAY-JUN	0.77	1.57	2.3	74%	3.1	4.6	3.1		
Rayado Ck nr Cimar	ron									
	MAR-JUN	2.9	3.8	4.5	88%	5.3	6.8	5.1		
	MAY-JUN	0.89	1.79	2.5	93%	3.3	4.8	2.7		

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

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

		F						
Gila-San Francisco	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)

San Francisco R at Clifton

Gila R at Gila

Gila R bl Blue Ck nr Virden

San Francisco R at Glenwood

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										
Lower Rio Grande	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)				
Jemez R bl Jemez Car	iyon Dam											
	MAR-JUL	35	39	42	191%	46	52	22				
	MAY-JUL	6	9.9	13.1	164%	16.7	23	8				
Jemez R nr Jemez												
	MAR-JUL	43	47	49	169%	52	57	29				
	MAY-JUL	11.1	14.6	17.2	130%	20	25	13.2				
Santa Fe R nr Santa Fe	e ²											
	MAR-JUL	4.4	5	5.4	164%	5.9	6.6	3.3				
	MAY-JUL	2.1	2.7	3.1	148%	3.6	4.3	2.1				
Mimbres R at Mimbres	2											

Rio Grande at San Marcial ²

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

MAR-JUL	340	425	480	139%	535	620	345
MAY-JUL	176	260	315	162%	370	455	195

^{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								
Pecos	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)		
Pecos R nr Pecos										
	MAR-JUL	60	69	76	143%	83	95	53		
	MAY-JUL	37	46	53	133%	60	72	40		
Rio Ruidoso at Holly	wood									
	MAR-JUN	6	6.6	7	206%	7.5	8.3	3.4		
	MAY-JUN	1.23	1.77	2.2	162%	2.7	3.5	1.36		
Gallinas Ck nr Monte	zuma									
	MAR-JUL	10.4	12.4	13.9	174%	15.6	18.4	8		
	MAY-JUL	4.5	6.5	8	190%	9.7	12.5	4.2		
Pecos R ab Santa Ro	osa Lk									
	MAR-JUL	53	64	72	176%	81	97	41		
	MAY-JUL	22	33	41	152%	50	66	27		
Pecos R nr Anton Ch	nico									
	MAR-JUL	65	77	87	164%	97	115	53		
	MAY-JUL	29	41	51	170%	61	79	30		

^{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

		F	Forecast Exceedance Probabilities For Risk Assessment										
			Chance th	at actual vol	ume will exceed	d forecast		_					
Rio Chama-Upper Rio Grande	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)					
Santa Cruz R at Cundi	yo												
	MAR-JUL MAY-JUL	15.7 8.6	17.9 10.8	19.6 12.5	118% 126%	21 14.3	24 17.2	16.6 9.9					
Costilla Reservoir Inflo	w^2												
	MAR-JUL MAY-JUL	4.4 2.9	5.6 4.1	6.6 5.1	64% 61%	7.6 6.1	9.3 7.8	10.3 8.4					
Nambe Falls Reservoir	· Inflow²												
	MAR-JUL MAY-JUL	7 3.4	7.9 4.3	8.6 5	154% 122%	9.4 5.7	10.5 6.9	5.6 4.1					
Rio Lucero nr Arroyo S		0. .		•	.==70	.	0.0						
·	MAR-JUL MAY-JUL	8 4	9.3 5.4	10.3 6.4	102% 76%	11.4 7.5	13.2 9.3	10.1 8.4					
Embudo Ck at Dixon													
	MAR-JUL MAY-JUL	42 27	49 34	54 39	169% 177%	59 44	67 53	32 22					
Tesuque Ck ab diversi													
	MAR-JUL MAY-JUL	1.75 0.81	2.1 1.12	2.3 1.36	204% 189%	2.6 1.62	3 2.1	1.13 0.72					
Rio Pueblo de Taos nr	Taos												
Rio Hondo nr Valdez	MAY-JUL	4.6	6.6	8.1	81%	9.8	12.6	10					
	MAR-JUL MAY-JUL	9.2 6.4	11.2 8.4	12.8 10	85% 78%	14.5 11.7	17.2 14.4	15.1 12.8					
Costilla Ck nr Costilla 2	IVIA I -JUL	0.4	0.4	10	1070	11.7	14.4	12.0					

	MAR-JUL	9.1	11.7	13.9	63%	16.3	20	22
	MAY-JUL	4.8	7.4	9.6	53%	12	16.1	18.1
Rio Grande at Otowi Br	ridge ²							
	MAR-JUL	570	645	700	124%	760	850	565
	MAY-JUL	335	410	465	124%	525	615	375
Red R bl Fish Hatchery	nr Questa							
	MAR-JUL	16.5	19.6	22	71%	25	28	31
	MAY-JUL	8.4	11.5	13.9	58%	16.5	21	24
Rio Pueblo de Taos bl	Los Cordovas							
	MAR-JUL	18.6	25	30	143%	36	47	21
	MAY-JUL	6.6	12.8	18.1	131%	24	35	13.8
El Vado Reservoir Inflo	w ²							
	MAR-JUL	240	270	295	159%	320	360	186
	MAY-JUL	164	197	220	182%	245	285	121

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

		F						
Rio Grande	Forecast	90%	70%	50%	lume will exceed % Median	30%	10%	30yr Median
Headwaters	Period	(KAF)	(KAF)	(KAF)	70 W.Galaii	(KAF)	(KAF)	(KAF)
Sangre de Cristo Ck	2							
	APR-SEP	5.6	8.5	10.8	99%	13.4	17.9	10.9
	MAY-SEP	4.3	7.2	9.5	104%	12.1	16.6	9.1
Ute Ck nr Fort Garlar								
	APR-SEP	6.7	8.7	10.3	91%	11.9	14.7	11.3
	MAY-SEP	5.9	7.9	9.5	91%	11.1	13.9	10.4
Platoro Reservoir Infl	ow ²							
	APR-JUL	51	59	65	127%	72	82	51
	APR-SEP	56	66	72	126%	79	90	57
	MAY-JUL	47	55	61	124%	68	78	49
	MAY-SEP	52	62	68	126%	75	86	54
Rio Grande at Wagor	n Wheel Gap ²							
_	APR-SEP	280	325	360	116%	395	450	310
	MAY-SEP	245	290	325	114%	360	415	285
San Antonio R at Orti	iz							
	APR-SEP	17.3	18.8	19.8	206%	21	23	9.6
	MAY-SEP	9.1	10.6	11.6	247%	12.8	14.5	4.7
Rio Grande at Thirty	Mile Bridge ²							
·	APR-JUL	107	122	133	120%	144	159	111
	APR-SEP	125	144	149	124%	169	187	120
	MAY-JUL	99	114	125	125%	136	151	100
	MAY-SEP	117	136	141	128%	161	179	110
Rio Grande nr Lobato	os ²							
La Jara Ck nr Capulir	า							
	MAY-JUL	4.3	5.6	6.5	141%	7.6	9.3	4.6
Los Pinos R nr Ortiz								
	APR-SEP	76	85	91	149%	97	107	61
	MAY-SEP	63	72	78	159%	84	94	49
Saguache Ck nr Sagi	uache							
	APR-SEP	16.2	22	27	96%	32	41	28
	MAY-SEP	13	19	24	96%	29	38	25
Rio Grande nr Del No	orte ²							
	APR-SEP	445	515	565	118%	620	700	480
	MAY-SEP	380	450	500	119%	555	635	420
Alamosa Ck ab Terra	ce Reservoir							
	APR-SEP	63	73	80	131%	88	100	61

MAY-SEP	54	64	71	129%	79	91	55
Conejos R nr Mogote ²							
APR-SEP	190	215	235	140%	255	285	168
MAY-SEP	170	196	215	141%	235	265	152
SF Rio Grande at South Fork ²							
APR-SEP	126	143	156	139%	169	190	112
MAY-SEP	102	119	132	136%	145	166	97
Trinchera Ck ab Turners Ranch							
APR-SEP	6.7	8.6	10.1	98%	11.6	14.2	10.3
MAY-SEP	6	7.9	9.4	101%	10.9	13.5	9.3
Culebra Ck at San Luis							
APR-SEP	6.9	10.3	13.1	78%	16.3	22	16.7
MAY-SEP	6.1	9.5	12.3	79%	15.5	21	15.5

 ^{90%} And 10% exceedance probabilities are actually 95% And 5%
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	Γ	F			abilities For Ris		nt	7
			Chance th	at actual vol	ume will exceed	d forecast		
San Juan	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Vallecito Reservoir Infl	ow ²							
	APR-JUL	205	235	255	151%	275	310	169
	MAY-JUL	169	198	220	148%	240	275	149
Mancos R nr Mancos 2								
	APR-JUL	30	35	39	245%	44	51	15.9
	MAY-JUL	17.2	23	27	257%	32	39	10.5
Lemon Reservoir Inflo								
	APR-JUL	60	68	74	164%	80	89	45
	MAY-JUL	53	61	67	163%	73	82	41
Rio Blanco at Blanco D								
	APR-JUL	54	62	68	142%	74	84	48
	MAY-JUL	43	51	57	136%	63	73	42
Piedra R nr Arboles	455				4000/	242	0.4=	
	APR-JUL	235	265	285	163%	310	345	175
A - ' D - (D	MAY-JUL	144	173	195	152%	220	255	128
Animas R at Durango	4 DD	400	505	F7F	4500/	045	000	075
	APR-JUL	480	535	575 545	153%	615 555	680	375
Maria la Danas a la la fla	MAY-JUL 2	420	475	515	156%	555	620	330
Navajo Reservoir Inflo		700	005	000	4500/	4070	4040	C20
	APR-JUL MAY-JUL	780 535	895	980	156% 155%	1070	1210	630
Navaia Dibl Osa Divan		535	650	735	155%	825	970	475
Navajo R bl Oso Diver	sion APR-JUL	66	76	02	4.400/	00	102	F.C.
	MAY-JUL	66 53	76 63	83 70	148% 149%	90 77	89	56
Captain Tom Wash nr			03	70	149%	//	69	47
Capiain roin wasirii	Two Gray Tillis	•						
La Plata R at Hesperus	S							
	APR-JUL	26	29	31	165%	34	38	18.8
	MAY-JUL	19.8	23	25	167%	28	32	15
San Juan R nr Carraca	as ²							
	APR-JUL	395	450	490	146%	535	600	335
	MAY-JUL	285	340	380	136%	425	490	280

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

7	Forecast	90%	70%	50%	% Median	30%	10%	30yr Median
Zuni	Period	(KAF)	(KAF)	(KAF)	% Median	(KAF)	(KAF)	(KAF)

Zuni R ab Black Rock Reservoir

Rio Nutria nr Ramah

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

Rio Grande Headwaters

Streamflow Forecasts - May 1, 2023

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	6.7	8.6	10.1	98%	11.6	14.2	10.3
	MAY-SEP	6	7.9	9.4	101%	10.9	13.5	9.3
Rio Grande nr Del Norte ²								
	APR-SEP	445	515	565	118%	620	700	480
	MAY-SEP	380	450	500	119%	555	635	420
Conejos R nr Mogote ²								
	APR-SEP	190	215	235	140%	255	285	168
Culebra Ck at San Luis	MAY-SEP	170	196	215	141%	235	265	152
Culebra Ck at San Luis	APR-SEP	6.9	10.3	13.1	78%	16.3	22	16.7
	MAY-SEP	6.1	9.5	12.3	79%	15.5	21	15.5
Rio Grande nr Lobatos ²	WATSER	0.1	9.5	12.5	1376	15.5	21	13.5
No Grande III Lobatos								
Platoro Reservoir Inflow ²								
	APR-JUL	51	59	65	127%	72	82	51
	APR-SEP	56	66	72	126%	79	90	57
	MAY-JUL	47	55	61	124%	68	78	49
	MAY-SEP	52	62	68	126%	75	86	54
SF Rio Grande at South Fork ²								
	APR-SEP	126	143	156	139%	169	190	112
_	MAY-SEP	102	119	132	136%	145	166	97
Rio Grande at Thirty Mile Bridge ²								
	APR-JUL	107	122	133	120%	144	159	111
	APR-SEP	125	144	149	124%	169	187	120
	MAY-JUL	99	114	125	125%	136	151	100
	MAY-SEP	117	136	141	128%	161	179	110
La Jara Ck nr Capulin								
	MAY-JUL	4.3	5.6	6.5	141%	7.6	9.3	4.6
San Antonio R at Ortiz	WIAT-30L	4.5	5.0	0.5	14170	7.0	5.5	4.0
Carry anomo re at Oraz	APR-SEP	17.3	18.8	19.8	206%	21	23	9.6
	MAY-SEP	9.1	10.6	11.6	247%	12.8	14.5	4.7
Los Pinos R nr Ortiz		0			270	.2.0		
	APR-SEP	76	85	91	149%	97	107	61
	MAY-SEP	63	72	78	159%	84	94	49
Ute Ck nr Fort Garland								
	APR-SEP	6.7	8.7	10.3	91%	11.9	14.7	11.3
	MAY-SEP	5.9	7.9	9.5	91%	11.1	13.9	10.4
Sangre de Cristo Ck ²								
	APR-SEP	5.6	8.5	10.8	99%	13.4	17.9	10.9
	MAY-SEP	4.3	7.2	9.5	104%	12.1	16.6	9.1
Rio Grande at Wagon Wheel Gap ²								
	APR-SEP	280	325	360	116%	395	450	310
	MAY-SEP	245	290	325	114%	360	415	285
Alamosa Ck ab Terrace Reservoir					40			
	APR-SEP	63	73	80	131%	88	100	61
Carrier Oliver Carrier	MAY-SEP	54	64	71	129%	79	91	55
Saguache Ck nr Saguache	ADD CED	16.0	22	27	069/	20	44	20
	APR-SEP	16.2	22	27	96%	32	41	28
	MAY-SEP	13	19	24	96%	29	38	25

^{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 April, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Sanchez Reservoir	9.0	6.7	20.6	103.0
Beaver Reservoir	3.6	3.9	4.4	4.5
Mountain Home Reservoir	5.0	4.7	3.6	18.0
La Jara Reservoir	2.7	1.7	2.3	
Continental Reservoir	13.9	12.1	7.0	27.0
Terrace Reservoir	9.3	7.4	8.1	18.0
Santa Maria Reservoir	8.5	11.6	7.5	45.0
Platoro Reservoir	13.8	14.4	18.3	60.0
Rio Grande Reservoir	29.6	23.8	19.5	51.0

Watershed Snowpack Analysis May 1, 2023	# of Sites	% Median	Last Year % Median
Rio Grande Headwaters	21	122%	42%
Alamosa	3	134%	31%
Conejos	5	162%	57%
Culebra-Trinchera	3	83%	1%
Headwaters Rio Grande	6	122%	51%

Rio Chama-Upper Rio Grande Streamflow Forecasts - May 1, 2023 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	1.75	2.1	2.3	204%	2.6	3	1.13
	MAY-JUL	0.81	1.12	1.36	189%	1.62	2.1	0.72
Red R bl Fish Hatchery nr Questa								
	MAR-JUL	16.5	19.6	22	71%	25	28	31
D: D 11 1 T 111 O 1	MAY-JUL	8.4	11.5	13.9	58%	16.5	21	24
Rio Pueblo de Taos bl Los Cordovas	MAR-JUL	18.6	25	30	143%	36	47	21
	MAY-JUL	6.6	25 12.8	18.1	131%	36 24	47 35	13.8
El Vado Reservoir Inflow 2	WAT-JUL	0.0	12.0	10.1	131/0	24	33	13.0
El vado Reservoir Illilow	MAR-JUL	240	270	295	159%	320	360	186
	MAY-JUL	164	197	220	182%	245	285	121
Santa Cruz R at Cundiyo	WITT OOL	104	101	220	10270	240	200	121
	MAR-JUL	15.7	17.9	19.6	118%	21	24	16.6
	MAY-JUL	8.6	10.8	12.5	126%	14.3	17.2	9.9
Rio Lucero nr Arroyo Seco								
	MAR-JUL	8	9.3	10.3	102%	11.4	13.2	10.1
	MAY-JUL	4	5.4	6.4	76%	7.5	9.3	8.4
Rio Grande at Otowi Bridge ²								
	MAR-JUL	570	645	700	124%	760	850	565
2	MAY-JUL	335	410	465	124%	525	615	375
Costilla Ck nr Costilla 2								
	MAR-JUL	9.1	11.7	13.9	63%	16.3	20	22
Fredrick Object Division	MAY-JUL	4.8	7.4	9.6	53%	12	16.1	18.1
Embudo Ck at Dixon	MAR-JUL	42	49	54	169%	59	67	32
	MAY-JUL	42 27	49 34	39	177%	59 44	53	32 22
Nambe Falls Reservoir Inflow ²	WAT-JUL	21	34	39	17770	44	33	22
Nambe Falls Reservoir Illilow	MAR-JUL	7	7.9	8.6	154%	9.4	10.5	5.6
	MAY-JUL	3.4	4.3	5	122%	5.7	6.9	4.1
Rio Hondo nr Valdez		0	0	· ·		0	0.0	
	MAR-JUL	9.2	11.2	12.8	85%	14.5	17.2	15.1
	MAY-JUL	6.4	8.4	10	78%	11.7	14.4	12.8
Rio Pueblo de Taos nr Taos								
	MAY-JUL	4.6	6.6	8.1	81%	9.8	12.6	10
Costilla Reservoir Inflow ²	WITT GOL	7.0	0.0	0.1	0170	0.0	12.0	10
Coding Records Innow	MAR-JUL	4.4	5.6	6.6	64%	7.6	9.3	10.3
	MAY-JUL	2.9	4.1	5.1	61%	6.1	7.8	8.4

^{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

Reservoir Storage	Current	Last Year	Median	Capacity
End of April, 2023	(KAF)	(KAF)	(KAF)	(KAF)
Abiquiu Reservoir	116.1	80.9	171.6	1198.5
Nambe Falls Reservoir	1.7	1.7	2.0	1.7
Costilla Reservoir	8.3	5.2	8.3	16.0
Heron Reservoir	61.8	58.6	242.5	400.0
El Vado Reservoir	2.8	17.5	118.5	184.8

Watershed Snowpack Analysis May 1, 2023	# of Sites	% Median	Last Year % Median
Rio Chama-Upper Rio Grande	16	137%	52%
Rio Chama	4	170%	48%
Upper Rio Grande	12	119%	55%

Lower Rio Grande

Streamflow Forecasts - May 1, 2023

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	4.4	5	5.4	164%	5.9	6.6	3.3
	MAY-JUL	2.1	2.7	3.1	148%	3.6	4.3	2.1
Rio Grande at San Marcial ²								
	MAR-JUL	340	425	480	139%	535	620	345
	MAY-JUL	176	260	315	162%	370	455	195
Mimbres R at Mimbres ²								
Jemez R nr Jemez								
	MAR-JUL	43	47	49	169%	52	57	29
	MAY-JUL	11.1	14.6	17.2	130%	20	25	13.2
Jemez R bl Jemez Canyon Dam								
	MAR-JUL	35	39	42	191%	46	52	22
	MAY-JUL	6	9.9	13.1	164%	16.7	23	8

^{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 April, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Elephant Butte Reservoir	422.9	256.5	532.5	2195.0
Mcclure Reservoir	2.5	0.6	2.0	3.3
Bluewater Lake	19.7	1.7	6.1	38.5
Cochiti Lake	42.7	42.5	51.6	491.0
Caballo Reservoir	55.0	15.2	60.2	332.0

Watershed Snowpack Analysis May 1, 2023	# of Sites	% Median	Last Year % Median
Lower Rio Grande	10	160%	4%
Jemez	3		
Mimbres	2		

Canadian Streamflow Forecasts - May 1, 2023

Canadian		F			babilities For Risk Assessment olume will exceed forecast			
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Vermejo R nr Dawson								
	MAR-JUN	1.27	1.97	2.6	49%	3.3	4.7	5.3
	MAY-JUN	0.55	1.25	1.88	49%	2.6	4	3.8
Ponil Ck nr Cimarron								
	MAR-JUN	1.9	2.7	3.4	63%	4.2	5.7	5.4
	MAY-JUN	0.77	1.57	2.3	74%	3.1	4.6	3.1
Cimarron R nr Cimarron ²								
	MAR-JUN	6.8	10.2	12.5	136%	14.8	18.2	9.2
	MAY-JUN	-0.2	3.2	5.5	122%	7.8	11.2	4.5
Eagle Nest Reservoir Inflow ²								
	MAR-JUN	5.3	7.3	8.6	128%	10	12	6.7
	MAY-JUN	-0.65	1.35	2.6	108%	4	6	2.4
Rayado Ck nr Cimarron								
	MAR-JUN	2.9	3.8	4.5	88%	5.3	6.8	5.1
	MAY-JUN	0.89	1.79	2.5	93%	3.3	4.8	2.7

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

Reservoir Storage End of April, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Conchas Lake	22.7	15.0	124.6	254.4
Eagle Nest Lake nr Eagle Nest, NM	37.8	38.4	48.0	79.0

Watershed Snowpack Analysis May 1, 2023	# of Sites	% Median	Last Year % Median
Canadian	6	163%	0%
Canadian Headwaters	5	88%	0%

Pecos

Streamflow Forecasts - May 1, 2023
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	10.4	12.4	13.9	174%	15.6	18.4	8
	MAY-JUL	4.5	6.5	8	190%	9.7	12.5	4.2
Rio Ruidoso at Hollywood								
	MAR-JUN	6	6.6	7	206%	7.5	8.3	3.4
	MAY-JUN	1.23	1.77	2.2	162%	2.7	3.5	1.36
Pecos R nr Pecos								
	MAR-JUL	60	69	76	143%	83	95	53
	MAY-JUL	37	46	53	133%	60	72	40
Pecos R ab Santa Rosa Lk								
	MAR-JUL	53	64	72	176%	81	97	41
	MAY-JUL	22	33	41	152%	50	66	27
Pecos R nr Anton Chico								
	MAR-JUL	65	77	87	164%	97	115	53
	MAY-JUL	29	41	51	170%	61	79	30

^{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 April, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Brantley Lake nr Carlsbad	26.3	23.2	26.4	1008.2
Brantley Lake nr Carlsbad	26.3	23.2	26.4	1008.2
Lake Avalon	1.5		1.3	4.0
Lake Avalon	1.5		1.3	4.0
Lake Sumner	17.0	13.9	26.9	102.0
Lake Sumner	17.0	13.9	26.9	102.0
Santa Rosa Reservoir	39.2	17.6	59.8	432.2
Santa Rosa Reservoir	39.2	17.6	59.8	432.2

Watershed Snowpack Analysis May 1, 2023	# of Sites	% Median	Last Year % Median
Pecos	5	151%	3%
Pecos Headwaters	4	151%	3%
Rio Hondo	1		

San Juan

Streamflow Forecasts - May 1, 2023
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	60	68	74	164%	80	89	45
	MAY-JUL	53	61	67	163%	73	82	41
Mancos R nr Mancos ²								
	APR-JUL	30	35	39	245%	44	51	15.9
	MAY-JUL	17.2	23	27	257%	32	39	10.5
Vallecito Reservoir Inflow ²								
	APR-JUL	205	235	255	151%	275	310	169
	MAY-JUL	169	198	220	148%	240	275	149
Animas R at Durango								
	APR-JUL	480	535	575	153%	615	680	375
2	MAY-JUL	420	475	515	156%	555	620	330
Rio Blanco at Blanco Diversion ²								
	APR-JUL	54	62	68	142%	74	84	48
	MAY-JUL	43	51	57	136%	63	73	42
Captain Tom Wash nr Two Gray Hills								
Navajo R bl Oso Diversion ²								
	APR-JUL	66	76	83	148%	90	102	56
	MAY-JUL	53	63	70	149%	77	89	47
Piedra R nr Arboles								
	APR-JUL	235	265	285	163%	310	345	175
	MAY-JUL	144	173	195	152%	220	255	128
La Plata R at Hesperus	4 D.D. 11 II	00	00	0.4	4050/	0.4	00	40.0
	APR-JUL	26	29	31	165%	34	38	18.8
Navajo Reservoir Inflow ²	MAY-JUL	19.8	23	25	167%	28	32	15
,	APR-JUL	780	895	980	156%	1070	1210	630
	MAY-JUL	535	650	735	155%	825	970	475
San Juan R nr Carracas ²								
	APR-JUL	395	450	490	146%	535	600	335
	MAY-JUL	285	340	380	136%	425	490	280

^{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 April, 2023	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)
Lemon Reservoir	13.2	19.0	22.4	40.0
Jackson Gulch Reservoir	8.2	7.3	7.6	10.0
Vallecito Reservoir	36.5	73.0	85.7	126.0
Navajo Reservoir	1123.7	898.3	1393.0	1696.0

Watershed Snowpack Analysis May 1, 2023	# of Sites	% Median	Last Year % Median
San Juan	18	177%	54%
San Juan Headwaters	14	164%	53%

NEW MEXICO WATER SUPPLY OUTLOOK REPORT

Natural Resources Conservation Service Albuquerque, New Mexico

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