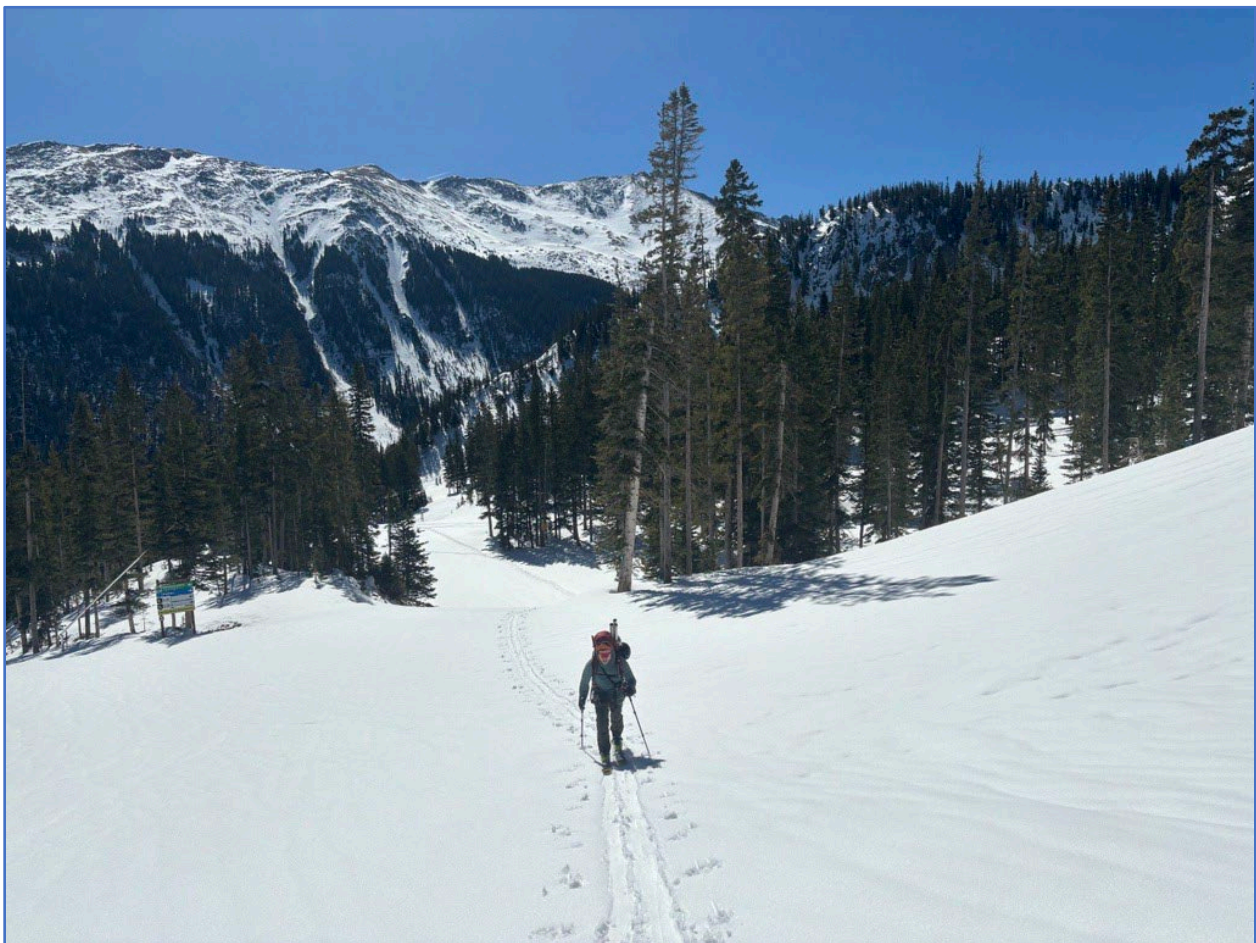# New Mexico
Water Supply Outlook Report
May 1, 2024

Jaz Ammon, NRCS Hydrologic Technician, approaches the Taos Powderhorn Manual Snow Course in the Sangre de Cristo Range on April 30, 2024. This survey recorded 53 inches of average Snow Depth and 19.9 inches of Snow Water Equivalent [SWE]. This represents 87% of reference period normal SWE for the May 1 survey cycle and is lower than values found at this site during the end of April survey cycle last year. NRCS Photo: Aaron Miller.

Basin Outlook Reports

and

Federal - State - Private
Cooperative Snow Surveys

For more New Mexico Snow Survey and Water Supply Forecasting Program information, contact:

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

How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

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

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk, they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount). By using the exceedance probability information, users can easily determine the chances of receiving more or less water than predicted in the forecast.

Update:

A New NRCS Water Supply Forecast System for the American West

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

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

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

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

May 1, 2024, Summary

Over the past month, New Mexico has generally seen above normal temperatures, below normal precipitation, and more rapid than normal snowmelt. Automated Snow Telemetry [SNOTEL] and manual measurements throughout the state showed the **snowpack** entering the ablation period earlier than normal throughout April. Snow Water Equivalent [SWE] totals have dropped below New Mexico's reference period median due to this advanced snowmelt timing and are on track toward early bare conditions at most snow measurement sites statewide for water year 2024. With these net snowpack losses throughout April, all major forecast basins within the state held below or well below normal SWE totals by May 1. The southerly latitude of New Mexico's major watersheds contributes to median late season snow persistence being lower and melt generally beginning earlier than may be seen in other mountain states throughout the region, and this trend holds especially true for 2024. This year's weak May 1 snowpack represents a less optimistic departure from normal statewide spring melt timing than expected at the end of the prior month, painting a more complex picture for predicted surface water supplies across the forecast area than was previously projected at the beginning of April.

Cumulative statewide **precipitation** since October 1 has dropped to 93% of the reference period median, representing below NRCS "normal" conditions for this time of year. April again saw characteristic variability in the spatial distribution of precipitation across the state with above normal precipitation measured in the Gila San Francisco and Lower Rio Grande basins as well as in the Zuni Mountains in the western and southern extents of the State. For all other forecast basins, monthly precipitation totals fell below to well below normal, with the driest conditions relative to normal occurring in the eastern catchments of the Canadian and Pecos headwaters. These drier April conditions have contributed to the current water year seeing considerably less cumulative precipitation than was observed in water year 2023, with last year being considerably wetter statewide by May 1. Cumulative precipitation can be a particularly useful supplement to snowpack variables for understanding overall surface water inputs into a stream system throughout the water year, especially during the melt period in late spring. Precipitation data are especially valuable when interpreting fluctuations in daily SWE at a given location as active melt is occurring between spring storms or if melt is accelerated due to localized weather events. Strong winter precipitation accumulation has helped alleviate the extremely dry initial conditions observed through the start of the water year across the state. Still, most New Mexico forecast basins have fallen short of normal precipitation totals for this time of year.

Reservoirs with NRCS reporting are again showing below to well below reference period normal storage volumes this month, except for those in the Rio Grande Headwaters basin in southern Colorado. Three of the six New Mexico basins which store significant water volumes in reservoirs show improved storage when compared to May 1 values for 2023: the Rio Grande Headwaters, Rio Chama-Upper Rio Grande, and San Juan. In contrast, the Lower Rio Grande, Canadian, and Pecos basins show decreased reservoir storage volumes compared to May 1 of last year thus indicating considerable surface water inflow will still be needed for these systems to reach prior year water supply totals. Statewide, this amounted to New Mexico reservoir systems holding an increase of just 1% of the reference period median storage volume above last year's

May 1 totals. With the primary melt and closely related runoff period fully underway, New Mexico's water storage and irrigation availability outlook represents a very slight overall improvement over last May 1 as the state enters the primary water usage season.

Stagnated hydrologic inputs throughout April have diminished the probabilistic **streamflow** predictions for the vast majority of forecast points in New Mexico in the official May 1 NRCS volumetric streamflow forecasts. These projections currently show the six aggregated forecast basins for which May 1 updates are published centering volumetric forecast probabilities around greatly reduced flow volumes when compared to last month's April 1 model outcomes. No new forecast guidance is provided for the Gila- San Francisco or Zuni basins on May 1. Below reference period median "normal" flow volumes are now the most statistically likely outcomes for the Rio Grande Headwaters, San Juan, and Pecos systems. Well below normal flow volumes are the most probable outcomes in the Rio Chama- Upper Rio Grande, Lower Rio Grande, and Canadian basins. The degree of decrease from last month's forecasted flows varied widely across the forecast points within each basin, so a close analysis of specific points of interest and consideration of the full suite of exceedance probabilities for each point will provide the most robust interpretation of a given volumetric forecast. Of particular note to New Mexico water users, forecasts for May 1 have seen significant declines from April 1 predictions in the Lower Rio Grande and Pecos basins. These southerly forecast points provide flow predictions for mainstem locations throughout each river's lower extent within the state which feed into many significant reservoir storage and irrigation systems for New Mexico. As the primary water use season progresses, it remains important to keep an eye on changing weather and hydrologic conditions to help anticipate the observed streamflow most likely to occur within the range of forecasted exceedance probabilities.

This is the final NRCS New Mexico Water Supply Outlook Report for Water Year 2024. Readers are encouraged to explore the hyperlinks provided throughout the electronic version of this report, or to copy and paste the web addresses provided in the footnotes below for future use as these climate monitoring data products will be updated year-round. Any further inquiry regarding these data products, the content provided, or the format of this report can be directed to the author.

Key Online Resources Referenced:

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

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

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

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

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

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

Aaron Miller, NRCS MLRA Soil Survey Leader, performs a measurement at the Taos Powderhorn Manual Snow Course in the Sangre de Cristo Range on April 30, 2024. NRCS Photo: Jaz Ammon.

Snowpack
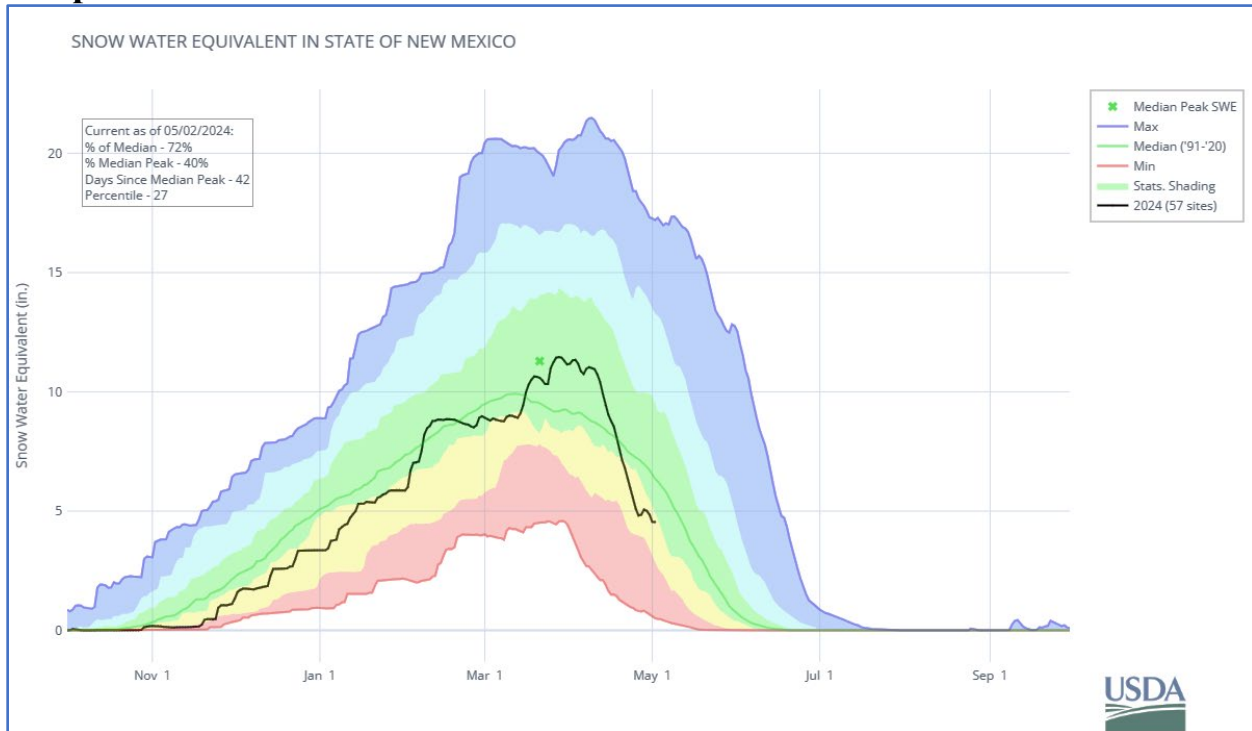
figure 1: *This plot shows the inclusive Snow Water Equivalent [SWE] trend throughout the Water Year (October 1 through September 30) for the aggregated State of New Mexico. The solid green line on this plot shows the reference period (1991-2020) median "normal" SWE values at all climate measurement sites referenced throughout the state. The solid black trace shows well below normal statewide SWE accumulation at 78% of median for the current water year until May 2, 2024. This statewide summary generally varies significantly from basin wide or individual site values and is based on an index of 57 New Mexico stations measuring Snow Water Equivalent. Further data visualizations can be accessed online through NRCS near real-time Air, Water, and Soil Plots[1] produced by the NRCS.*

By May 1, NRCS snow monitoring in New Mexico narrows in focus to the highest elevation and most northerly sites as snowpack fully melts away from many lower accumulation locations throughout April. Automated Snow Telemetry [SNOTEL] and manual measurements throughout the state showed the snowpack entering a rapid melt cycle in early April, associated with a period of above normal average daily temperatures and minimal new snow accumulation. As illustrated in *figure 1*, statewide SWE values had fallen back to the reference period median by April 18th, remaining below normal through the date of report publication. Many of the products available through the suite of online interactive NRCS Water and Climate Center Applications[2] [NWCC Apps] provide near real-time condition updates as of the date of inquiry if users would like to explore updates to dynamic climate processes since the finalization of monthly Water Supply Outlook Reports. These routinely updated data products are especially valuable for tracking rapidly changing conditions such as late season snowmelt.

April ended with below normal precipitation across the statewide forecast region, and the portion received as snow accumulation was generally minimal with melt being the primary signal observed since mid-month. This has led to a diminishing snowpack across the major New Mexico forecast basins and culminated in below normal snow retention throughout the forecast

domain as of May 1. This rapid ablation trend can be seen in the sharp drop in the black trace shown in ***figure 1*** which began in early- April, as the Snow Water Equivalent [SWE] cycle for 2024 tends toward fully melted bare snow conditions at measurement sites statewide. Such Air, Water, and Soil Plots[1], when queried for specific sites or by aggregated basin, show clear periods of melt between any measured snow accumulation events which took place in in April. This is common at this time of year, as the median snowpack peak date varies by site and widespread melt can be expected to have begun in earnest by late March as the state enters the normal ablation period annually. Accelerated rates of snowpack decline can be expected at lower elevation and more southerly locations relatively earlier than in the higher mountains and more northerly extent of the forecast region. As a general reminder, when looking at snowpack as a percent of normal (reference period median being the official NRCS metric of choice) such values can be deceiving once snowmelt has begun because melt timing can have a dramatic impact on percent of normal for late season SWE retention. As SNOTEL sites undergo the melt process, the current daily snowpack on any given day will likely not represent the total water input into the hydrologic system. In such cases, total precipitation accumulation (discussed below) can provide additional insight into surface water hydrological conditions within a watershed, particularly if rain-on-snow or other melt accelerating events occur in a given area.

With these rapid snowpack declines throughout April, *all* major forecast basins held below normal SWE totals by May 1. Full meltout has occurred throughout all measurement sites in the Zuni and Gila San-Francisco basins. Well below normal snowpack remained as of May 1 in the Canadian at 44% and the Rio Grande Headwaters at 56% of reference period median basin wide SWE. The Lower Rio Grande retained the greatest percent of median snowpack as of May 1, at 90% of normal while the Rio Chama-Upper Rio Grande held 82%, the San Juan 73%, and the Pecos 71% of normal SWE. The southerly latitude of New Mexico's major watersheds contributes to median late season snow persistence being lower and melt generally beginning earlier than may be seen in other mountain states. This year's below normal May 1 snowpack represents a departure from normal statewide spring melt timing, painting a less optimistic picture for surface water supplies for later in the forecast season than was expected based upon monitoring through the end of the prior month. May 1 represents seasonal progress through the melt season, which generally begins in mid to late March of each year for much of New Mexico. Some lower elevation and southerly measurement points, generally in lower snow accumulation regions, have been bare of snow since early April or before, and runoff season is now in full swing in most New Mexico watersheds.

It can be highly informative to explore the time series data for individual SNOTEL stations within a reference area to view the specified daily SWE and precipitation values for a measurement site and how they relate to the median. When aggregated by basin, it becomes clear May 1 SWE values showed decreases from last year's more robust snowpack in all major forecast catchments (***figures 2 & 3***). Statewide, SWE totals fell below normal at approximately 67% of median showing a 55% decrease from May 1, 2023, relative to normal conditions for the state (***figures 1,2, & 3***). While snowpack gains throughout March and into early April reflected a break from drier early season conditions, rapid melt has reversed this departure to end the season with far less water retained in snow than the long-term normal for New Mexico's mountainous areas at this time of year.

For near real-time interactive versions of the associated online data products, refer to the

[Interactive Map][3], as well as [Air Water and Soil Plots][1]. Map and chart controls will need to be set to the appropriate New Mexico basin parameters to replicate the statistics seen in this report. The static map graphic illustrating New Mexico basin wide SWE as of May 1 is included below, along with the [Basinwide Snowpack Summary][4] data tables providing totals by individual measurement site grouped by forecast catchment basin and sub-basin. Air Water and Soil Plots can also be accessed via the interactive map by clicking on the corresponding forecast basin within the map itself.
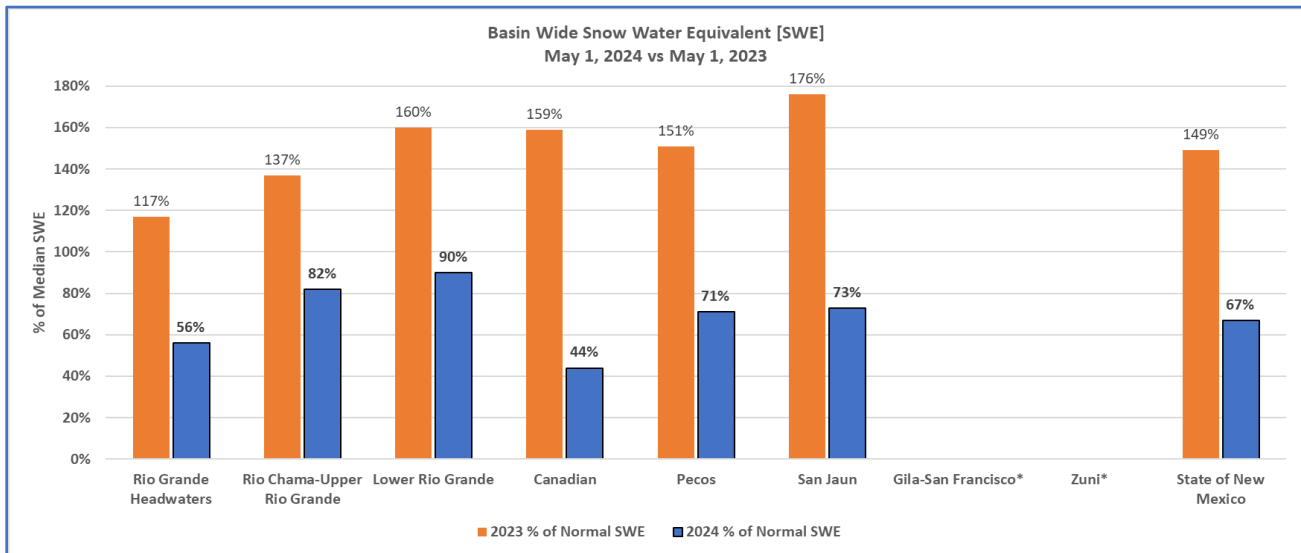
figure 2: *Percent of reference period normal Snow Water Equivalent [SWE] by basin for May 1, 2024, compared to last year.*
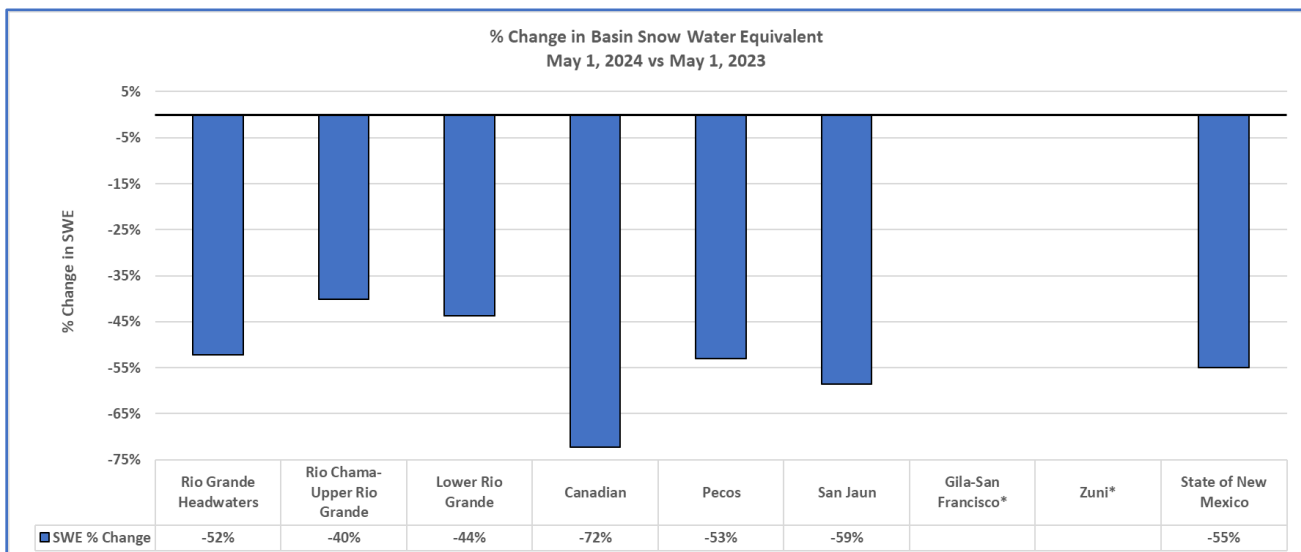
figure 3: *Percent change in reference period normal Snow Water Equivalent [SWE] between May 1, 2023, and May 1, 2024.*

> **The blanks spaces for the Gila- San Francisco and Zuni basins reflect May 1 basinwide medians of 0.0 inches of SWE at measurement sites in these catchment areas. Measurement sites were fully melted out across these regions as of May 1.*

Precipitation
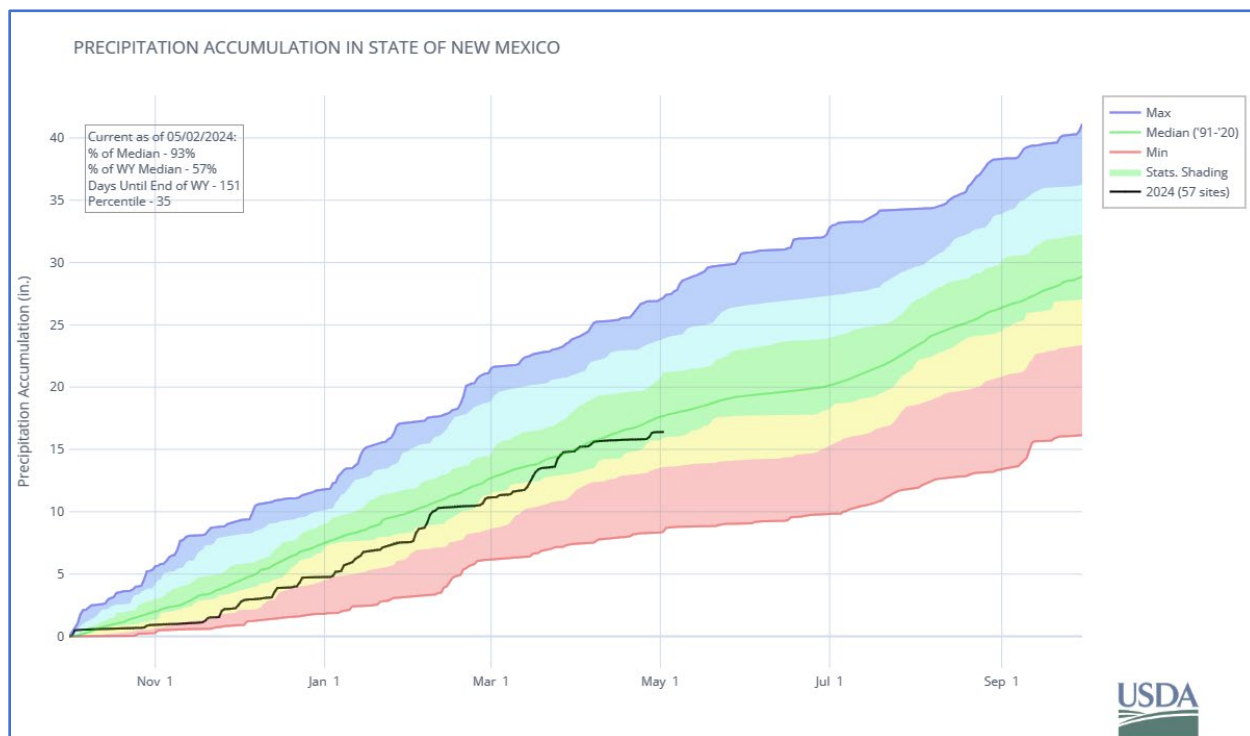
figure 4: *This plot shows the cumulative precipitation trend throughout the Water Year (October 1 through September 30) for the State of New Mexico. The solid green trace shows the reference period (1991-2020) median "normal" precipitation values collected at all precipitation measurement sites referenced throughout the state. The solid black trace shows precipitation accumulation for the current water year through May 2, 2024. New Mexico has received near normal total precipitation since October 1, 2023, with statewide precipitation accumulation at 93% of reference period median on May 2. Further data visualizations can be accessed online through NRCS near real-time Air, Water, and Soil Plots[1] produced by the NRCS.*

Seven months into Water Year 2024, New Mexico forecast basins have received a mixed range of cumulative precipitation totals with respect to the reference period median (normal). Above normal departures remain in the Gila- San Francisco basin, receiving 111% of median and in the Lower Rio Grande, measuring 107% of normal cumulative precipitation. The remainder of New Mexico's forecast catchments, on the other hand, have received a below normal range from 81% of reference period median water-year to-date precipitation in the Canadian basin up to 94% of normal in the Rio Chama- Upper Rio Grande. Following a uniformly wet March, monthly precipitation totals throughout April favored the western NRCS forecast basins in the state with drier conditions observed further east. All seven major forecast basins for which aggregated precipitation totals are monitored saw decreased monthly precipitation in April as compared to March of this year. This mixed geographic distribution left the statewide monthly total at 79% of the reference period median for precipitation throughout the month of April alone, while water year-to-date cumulative statewide precipitation represented 93% of the reference period normal on May 1 (**figure 4**). As mentioned above, cumulative precipitation can be a particularly useful supplement to snowpack measurements for

understanding overall surface water inputs into a stream system throughout the water year. This is especially valuable when interpreting fluctuations in daily SWE at a given location as active melt is occurring between spring weather events.

While strong winter rain and frozen precipitation accumulation has done much in the way of recovering from dry initial conditions at the start of the water year, many New Mexico forecast basins still fall short of normal precipitation conditions for this time of year. These drier conditions persist primarily throughout the more northerly basins along the state boundary between Colorado and New Mexico. For valley conditions throughout the lower elevation portions of the state, the U.S. Drought Monitor[5] provides a clearer picture of valley and plains conditions than is available through NRCS climate products which are more focused on New Mexico's mountainous areas.

Comparisons between May 1 cumulative totals for 2024 and the prior year as combined rain and frozen water (total precipitation) measured by NRCS climate monitoring sites can be seen in *figure 5*. Statewide, water year 2023 was considerably wetter than the current water year as of May 1. New Mexico basins have received 23% less precipitation than last year with respect to the reference period median for water year-to-date precipitation (*figure 6*). When compared to 2023, *figure 6* also highlights the San Juan as the basin with the greatest percent decrease as this area received 34% less water year-to-date precipitation than last year's exceptionally wet conditions through May 1. In mountainous regions throughout New Mexico, the meltout of accumulated winter precipitation plays a large role in runoff and streamflow during the spring and into summer. While antecedent conditions will have effects on streamflow volumes due to surface water interactions with soils through water retention and runoff, the reduced precipitation throughout April has tempered water supply expectations when compared to last month's forecasts.

The static map graphic for spatially distributed basin wide percent of normal water year-to-date precipitation as of May 1, 2024, and the corresponding Basinwide Summary table are included below. As with snowpack data, a simple way to explore individual sub-basin or site-specific conditions is to access the interactive online version of the NRCS National Water and Climate Center [NWCC] Interactive Map[3]. For near real-time precipitation data graphics showing additional detail by individual hydrometeorological station and associated sub-basin, refer to the NWCC Apps[2] page dedicated to these products, the Air Water and Soil Plots[1]. A Stacked Accumulation Chart data graphic has been added to the NWCC Apps State Basin Interactive Charts[1] toolbox, allowing users to explore precipitation totals by month and compare data to both the current 30-year reference period and the entire NRCS period of record.
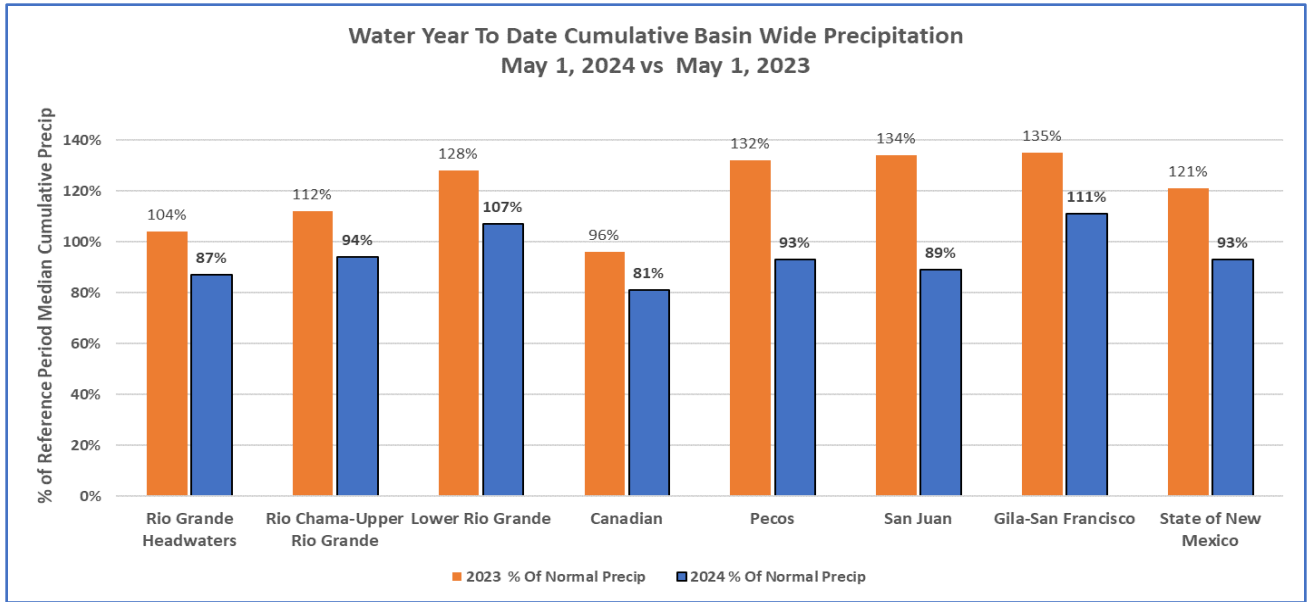
figure 5: *Percent of normal water year-to-date precipitation: May 1, 2024, compared to last year.*
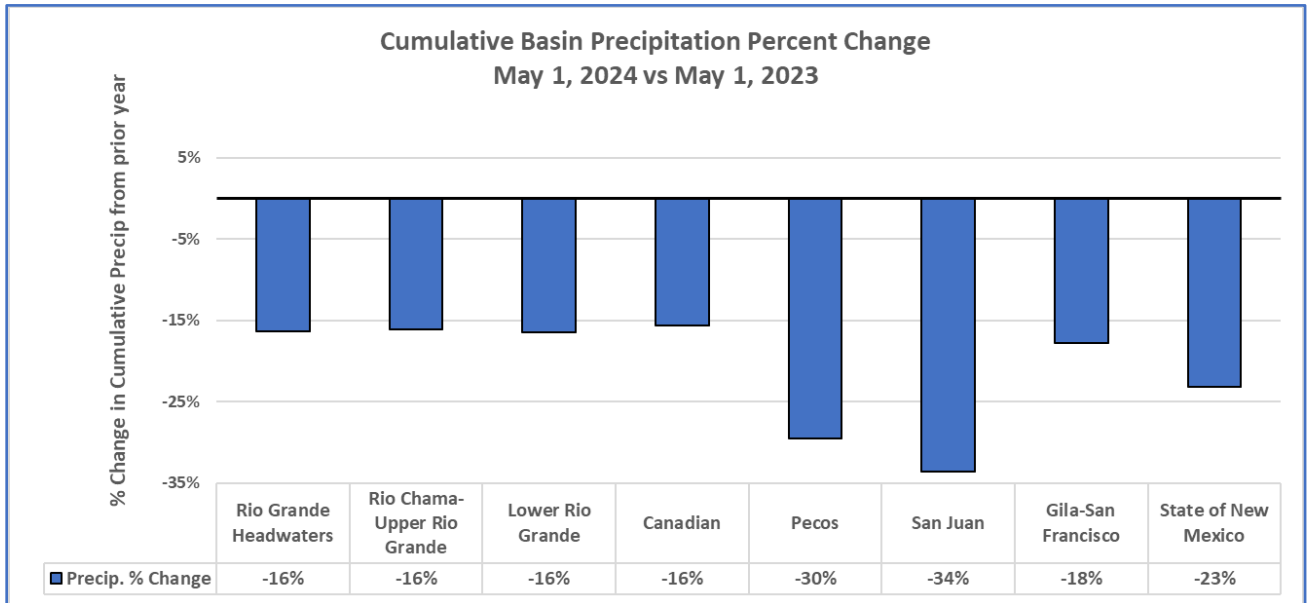
figure 6: *Percent change in reference period normal water year-to-date precipitation between May 1, 2023, and May 1, 2024. The San Juan basin has received the greatest percent decrease in precipitation when compared to last water year. A water year begins on October 1.*

Reservoirs

Reservoirs with NRCS reporting are again showing below to well below reference period normal storage volumes this month, with the exception of those in the Rio Grande Headwaters basin in southern Colorado (**table 1**; **figures 7 & 8**). Three of the six New Mexico basins which store significant water volumes in reservoirs show improved storage when compared to May 1 values for 2023: the Rio Grande Headwaters, Rio Chama-Upper Rio Grande, and San Juan (**table 1**; **figures 7 & 8**). The extremely low percent of normal reservoir storage in the Rio Chama-Upper Rio Grande basin still reflects ongoing maintenance at El Vado Reservoir preventing storage utilization at that site. In contrast, the Lower Rio Grande, Canadian and Pecos basins show decreased reservoir storage volumes compared to May 1 of last year, indicating considerable surface water inflow will still be needed to reach prior year water supply totals in these systems (**figures 7 & 8**). Statewide, this amounted to New Mexico reservoir systems holding a very slightly increased total of 1% of the reference period median storage volume above last year's May 1 totals (**table 1**; **figures 7 & 8**). With the primary melt and closely linked runoff period underway, New Mexico's water storage and irrigation availability outlook represents a slight improvement over last May 1 as the state moves into the water usage season.

The included basin wide reservoir storage map graphic and associated summary tables provide a snapshot of conditions as New Mexico moves further toward the summer and into the major crop growing period. Specific storage volumes are provided by NRCS partner entities and can be explored further in the online Interactive Map[3] as well as in in graphic form through the Air, Water, and Soil Plots[1] and monthly Basinwide Reservoir Storage Summary[4] tables by selecting reservoir data in the associated interactive menus.

table 1:

Basin Wide Summary: May 1, 2024 (Medians based on 1991-2020 reference period)	Reservoir Storage Summary End of April, 2024				
	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Rio Grande Headwaters	32%	28%	27%	117%	105%
Rio Chama-Upper Rio Grande	11%	11%	30%	38%	35%
Lower Rio Grande	18%	18%	21%	82%	83%
Canadian	30%	36%	52%	59%	70%
Pecos	4%	5%	7%	53%	73%
San Juan	66%	63%	81%	81%	78%
State Of New Mexico	25%	25%	34%	73%	72%
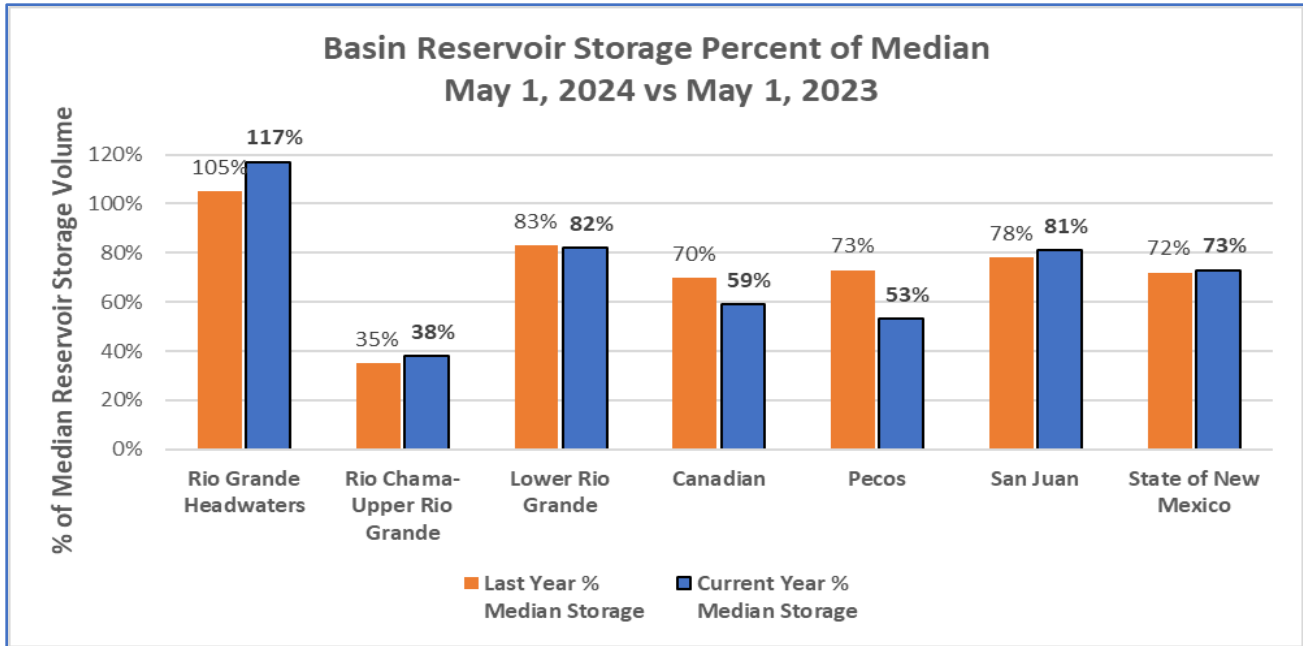
figure 7: Percent of reference period normal reservoir storage for May 1, 2024, as compared to last year. There is now an alternative version of this data graphic located online[1].
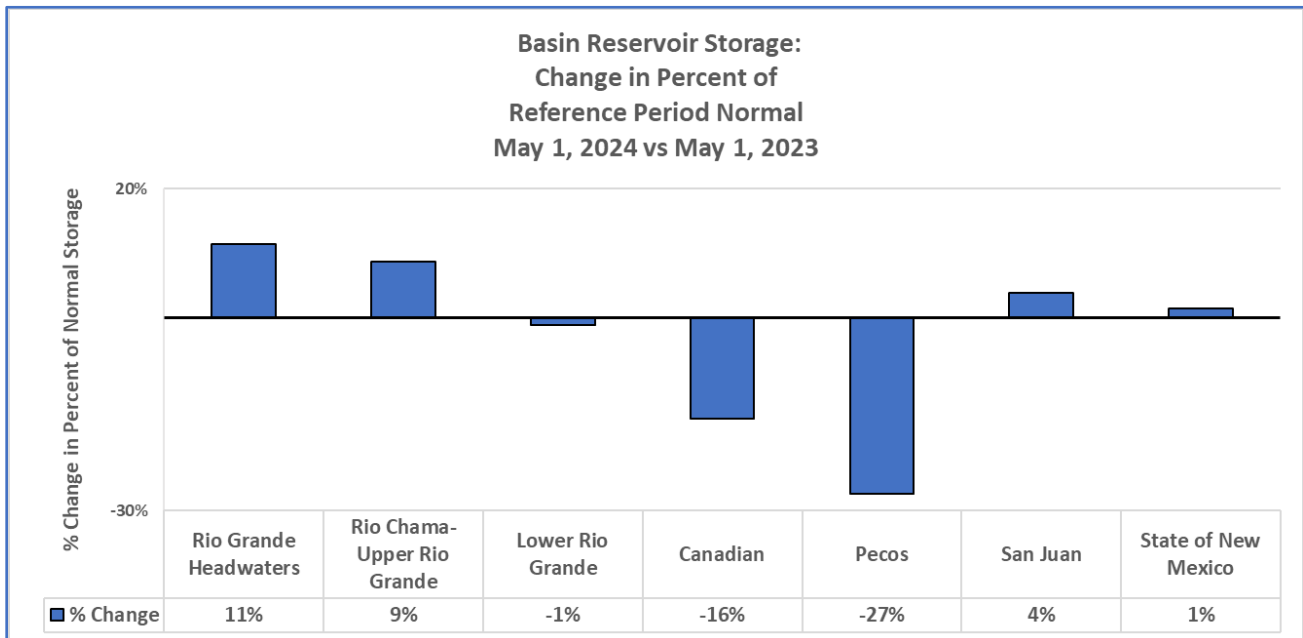
figure 8: Percent change in reference period normal reservoir storage between May 1, 2023, and May 1, 2024.

Streamflow

      With April precipitation below to much below the reference period median and above normal April temperatures on the whole, New Mexico streamflow forecasts for the May 1 publication date have generally decreased from last month's model outcomes. These weather patterns have contributed to rapid and widespread snowmelt, reversing the above normal snow retention trend seen last month and spurring robust streamflow volumes throughout April at a majority of forecast points statewide. Many streamflow points throughout the forecast domain observed well above normal April monthly streamflow volumes, indicating spring runoff water may be coming down river channels earlier than commonly observed within many watersheds. These contributing factors have generally led to a drop in total seasonal volumetric forecasts (note that this period varies by streamflow point) since April 1. The above normal observed April streamflow at many points indicates that snowmelt driven runoff season streamflow in many areas may be more front loaded and is occurring earlier than is commonly observed for this forecast region. With this trend in mind, it is especially valuable to view forecasts for the full seasonal period as well as from May 1 forward, and as always to consider the full range of exceedance probabilities when planning water usage operations.

      The forecast volumes for a given exceedance probability in acre feet is likely a more useful variable for additional analyses than the percent of normal as represented on products such as the online Interactive Map[3] or the static map graphic included below. As forecasts for May 1 have seen significant declines over April 1 predictions in all aggregated forecast basins, below to well below normal snowmelt runoff is now the most statistically probable outcome for all basin-wide streamflow volume predictions throughout New Mexico for the primary forecast period. New Mexico basins combine many of streamflow measurement points for which NRCS provides a forecast for unimpaired flows, while management of reservoirs and diversions will determine actual observed volumes at a large number of forecast points throughout the forecast period as noted in the attached Streamflow Forecast Summary Table[4].

      Generally, the spread of possible outcomes for a given forecast point between the 90% (most likely, lowest volume) and 10% (least likely, highest volume) forecast boundaries can be expected to decrease as more of the runoff season contributions become known and accounted for within model guidance. It is always important to keep a close eye on changing weather conditions, management decisions, and observed streamflow volumes as the irrigation season progresses in New Mexico. The clearest way to view the full range of exceedance probability values for streamflow at a given forecast point is by analyzing the NRCS graphical Seasonal Volume Forecast Plots[6] included below for each basin. These plots display the full range of exceedance probability forecast values for the official May 1 publication as compared to relevant statistics from the observed record for each forecast point. The color-coded charts illustrate a scaled range between the exceedance probability volumetric forecasts for each point. The greater the range between the low and high probability flows, the more uncertainty exists for a given forecast. A broad view of primary period basin forecasts at the 50% exceedance probability is provided in the corresponding static map graphic.

      This report concludes the New Mexico NRCS Snow Survey and Water Supply Forecasting reporting period for Water Year 2024. Our interactive products are updated all year.

Basin Wide Snow Water Equivalent

Snow Water Equivalent

Percent NRCS 1991-2020 Median

End of April, 2024

**Percent NRCS
1991-2020 Median**

- ≥ 150%
- 130% - 149%
- 110% - 129%
- 90% - 109%
- 70% - 89%
- 50% - 69%
- < 50%
- No basin value

Watershed Boundaries
— State Watersheds

Rio Grande Headwaters **56**

San Juan **73**

Rio Chama-Upper Rio Grande **82**

Canadian **44**

Lower Rio Grande **90**

Pecos **71**

Gila-San Francisco

USDA **Natural Resources Conservation Service**
United States Department of Agriculture

N

Miles
0 10 20   40   60   80   100

Created 5-09-2024

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

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	0	0.0	0.8	0%	0.0	0%
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
Palo	SC	9300						
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						
Taos Pueblo	SNOTEL	11020	11	3.8			15.5	
Tolby	SNOTEL	10220	0	0.0	0.0		0.3	
Wesner Springs	SNOTEL	11151	11	3.8	7.9	48%	13.5	171%
Basin Index						**44%**		**159%**
# of sites						6		6

Canadian Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Aztec #2	SC	9880						
Hematite Park	SC	9500						
North Costilla	SNOTEL	10598	0	0.0	0.8	0%	0.0	0%
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
Palo	SC	9300						
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						
Taos Pueblo	SNOTEL	11020	11	3.8			15.5	
Tolby	SNOTEL	10220	0	0.0	0.0		0.3	
Basin Index						**0%**		**38%**
# of sites						5		5

Gila-San Francisco	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Head	SNOTEL	8076	0	0.0	0.0		0.0	
Coronado Trail	SC	8350						
Coronado Trail	SNOTEL	8418	1	0.0	0.0		0.0	
Frisco Divide	SNOTEL	8013	0	0.0	0.0		0.0	
Hannagan Meadows	SNOTEL	9027	0	0.2	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		0.0	
Silver Creek Divide	SNOTEL	9096	0	0.0	0.0		0.0	
State Line	SC	8000						
Basin Index								
# of sites						8		8

San Francisco	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Head	SNOTEL	8076	0	0.0	0.0		0.0	
Coronado Trail	SC	8350						
Coronado Trail	SNOTEL	8418	1	0.0	0.0		0.0	
Frisco Divide	SNOTEL	8013	0	0.0	0.0		0.0	
Hannagan Meadows	SNOTEL	9027	0	0.2	0.0		0.0	
Nutrioso	SC	8500						
Nutrioso	SNOTEL	8571	0	0.0	0.0		0.0	
Silver Creek Divide	SNOTEL	9096	0	0.0	0.0		0.0	
State Line	SC	8000						
Basin 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	
Basin 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	
Elk Cabin	SNOTEL	8239	0	0.0	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		0.0	
Rio En Medio	SC	10300	2	0.8	1.8	44%	4.6	256%
Santa Fe	SNOTEL	11465	31	12.1	13.8	88%	17.4	126%
Senorita Divide #2	SNOTEL	8569	0	0.0	0.0		0.0	
Signal Peak	SNOTEL	8405	0	0.0	0.0		0.0	
Vacas Locas	SNOTEL	9364	3	1.1	0.0		2.9	
Basin Index						**90%**		**160%**
# 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		0.0	
Vacas Locas	SNOTEL	9364	3	1.1	0.0		2.9	
Basin Index								
# of sites						3		3

Mimbres	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Mcknight Cabin	SNOTEL	9242	0	0.0	0.0		0.0	
Signal Peak	SNOTEL	8405	0	0.0	0.0		0.0	
Basin Index								
# of sites						2		2

Pecos	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	0	0.0	0.0		0.0	
PanchueLa	SC	8400						
Rio En Medio	SC	10300	2	0.8	1.8	44%	4.6	256%
Santa Fe	SNOTEL	11465	31	12.1	13.8	88%	17.4	126%
Sierra Blanca	SNOTEL	10268	0	0.0	0.0		0.0	
Wesner Springs	SNOTEL	11151	11	3.8	7.9	48%	13.5	171%
Basin Index						**71%**		**151%**
# of sites						5		5

Pecos Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	0	0.0	0.0		0.0	
PanchueLa	SC	8400						
Rio En Medio	SC	10300	2	0.8	1.8	44%	4.6	256%
Santa Fe	SNOTEL	11465	31	12.1	13.8	88%	17.4	126%
Wesner Springs	SNOTEL	11151	11	3.8	7.9	48%	13.5	171%
Basin Index						**71%**		**151%**
# 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 Index								
# of sites						1		1

Rio Chama-Upper Rio Grande	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Bateman	SNOTEL	9249	0	0.0	0.4	0%	1.6	400%
Chamita	SNOTEL	8383	0	0.0	0.0		1.9	
Cumbres Trestle	SNOTEL	10035	29	15.2	19.6	78%	33.6	171%
Elk Cabin	SNOTEL	8239	0	0.0	0.0		0.0	
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	16	5.5	11.5	48%	16.5	143%
North Costilla	SNOTEL	10598	0	0.0	0.8	0%	0.0	0%
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
Palo	SC	9300						
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	2	0.8	1.8	44%	4.6	256%
Rio Santa Barbara	SNOTEL	10664	16	5.8			10.5	
Santa Fe	SNOTEL	11465	31	12.1	13.8	88%	17.4	126%
Shuree	SNOTEL	10092	0	0.0	0.0		0.0	
Taos Canyon	SC	9100						
Taos Powderhorn	SNOTEL	11045	57	20.8	19.6	106%	23.7	121%
Taos Powderhorn	SC	11250	53	19.9	23.0	87%	24.3	106%
Taos Pueblo	SNOTEL	11020	11	3.8			15.5	
Tres Ritos	SNOTEL	8755	0	0.0	0.0		0.0	
Basin Index						**82%**		**137%**
# of sites						16		16

Rio Chama	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Bateman	SNOTEL	9249	0	0.0	0.4	0%	1.6	400%
Chamita	SNOTEL	8383	0	0.0	0.0		1.9	
Cumbres Trestle	SNOTEL	10035	29	15.2	19.6	78%	33.6	171%
Garita Peak	SNOTEL	10115	0	0.0			0.0	
Hopewell	SNOTEL	10095	16	5.5	11.5	48%	16.5	143%
Basin Index						**66%**		**170%**
# of sites						4		4

Upper Rio Grande	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	0	0.0	0.0		0.0	
Gallegos Peak	SNOTEL	9480	0	0.0	0.0		0.0	
Hematite Park	SC	9500						
North Costilla	SNOTEL	10598	0	0.0	0.8	0%	0.0	0%

Upper Rio Grande (cont.)	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
Palo	SC	9300						
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	2	0.8	1.8	44%	4.6	256%
Rio Santa Barbara	SNOTEL	10664	16	5.8			10.5	
Santa Fe	SNOTEL	11465	31	12.1	13.8	88%	17.4	126%
Shuree	SNOTEL	10092	0	0.0	0.0		0.0	
Taos Canyon	SC	9100						
Taos Powderhorn	SC	11250	53	19.9	23.0	87%	24.3	106%
Taos Powderhorn	SNOTEL	11045	57	20.8	19.6	106%	23.7	121%
Taos Pueblo	SNOTEL	11020	11	3.8			15.5	
Tres Ritos	SNOTEL	8755	0	0.0	0.0		0.0	
Basin Index						**91%**		**119%**
# 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	32	15.9	18.4	86%	30.7	167%
Cochetopa Pass	SC	10000	2	0.5	2.8	18%	1.8	64%
Cochetopa Pass	SNOTEL	10061	1	0.0	0.0		0.0	
Culebra #2	SNOTEL	10562	10	3.3	7.2	46%	7.2	100%
Cumbres Trestle	SNOTEL	10035	29	15.2	19.6	78%	33.6	171%
Grayback	SC	11600	16	4.9	13.6	36%	12.6	93%
Grayback	SNOTEL	11626	0	0.1			0.0	
Hayden Pass	SNOTEL	10699	23	9.3	13.3	70%	4.2	32%
La Veta Pass	SC	9440	0	0.0	0.9	0%	1.0	111%
Lily Pond	SNOTEL	11069	1	1.3	8.4	15%	15.6	186%
Medano Pass	SNOTEL	9668	1	0.0	0.0		0.0	
Middle Creek	SNOTEL	11269	24	11.8	17.2	69%	24.3	141%
Moon Pass	SNOTEL	11128	0	0.2	1.2	17%	0.0	0%
North Costilla	SNOTEL	10598	0	0.0	0.8	0%	0.0	0%
Pinos Mill	SC	10000	28	11.0	18.2	60%	27.6	152%
Platoro	SC	9880	14	4.5	12.2	37%	17.5	143%
Pool Table Mountain	SC	9840	0	0.0	1.7	0%	1.0	59%
Porcupine	SC	10280	6	1.5	4.9	31%	6.6	135%
San Antonio Sink	SNOTEL	9143	0	0.0			0.0	
San Antonio Sink	SC	9200	0	0.0	0.0		0.4	
Sargents Mesa	SNOTEL	11499	20	8.1	9.6	84%	12.5	130%
Silver Lakes	SC	9500	0	0.0	0.0		0.0	
Slumgullion	SNOTEL	11560	16	6.2	13.0	48%	10.1	78%
Trinchera	SNOTEL	10922	6	3.0	4.1	73%	5.3	129%
Upper Rio Grande	SNOTEL	9379	0	0.0	0.0		0.0	
Ute Creek	SNOTEL	10734	0	0.0	9.2	0%	4.6	50%
Wager Gulch	SNOTEL	11132	9	3.8			8.3	
Wolf Creek Summit	SNOTEL	10957	46	21.1	34.6	61%	40.3	116%
Basin Index						**56%**		**122%**
# of sites						25		25

Alamosa	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Grayback	SC	11600	16	4.9	13.6	36%	12.6	93%
Grayback	SNOTEL	11626	0	0.1			0.0	
Lily Pond	SNOTEL	11069	1	1.3	8.4	15%	15.6	186%
Platoro	SC	9880	14	4.5	12.2	37%	17.5	143%
Silver Lakes	SC	9500	0	0.0	0.0		0.0	
Basin Index						**31%**		**134%**
# of sites						4		4

Conejos	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Cumbres Trestle	SNOTEL	10035	29	15.2	19.6	78%	33.6	171%
Lily Pond	SNOTEL	11069	1	1.3	8.4	15%	15.6	186%
Pinos Mill	SC	10000	28	11.0	18.2	60%	27.6	152%
Platoro	SC	9880	14	4.5	12.2	37%	17.5	143%
San Antonio Sink	SC	9200	0	0.0	0.0		0.4	
San Antonio Sink	SNOTEL	9143	0	0.0			0.0	
Basin Index						**55%**		**162%**
# of sites						5		5

Culebra-Trinchera	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Culebra #2	SNOTEL	10562	10	3.3	7.2	46%	7.2	100%
La Veta Pass	SC	9440	0	0.0	0.9	0%	1.0	111%
Trinchera	SNOTEL	10922	6	3.0	4.1	73%	5.3	129%
Ute Creek	SNOTEL	10734	0	0.0	9.2	0%	4.6	50%
Basin Index						**29%**		**85%**
# of sites						4		4

Headwaters Rio Grande	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown	SNOTEL	11600	32	15.9	18.4	86%	30.7	167%
Grayback	SC	11600	16	4.9	13.6	36%	12.6	93%
Grayback	SNOTEL	11626	0	0.1			0.0	
Middle Creek	SNOTEL	11269	24	11.8	17.2	69%	24.3	141%
Pool Table Mountain	SC	9840	0	0.0	1.7	0%	1.0	59%
Porcupine	SC	10280	6	1.5	4.9	31%	6.6	135%
Slumgullion	SNOTEL	11560	16	6.2	13.0	48%	10.1	78%
Upper Rio Grande	SNOTEL	9379	0	0.0	0.0		0.0	
Wager Gulch	SNOTEL	11132	9	3.8			8.3	
Wolf Creek Summit	SNOTEL	10957	46	21.1	34.6	61%	40.3	116%
Basin Index						**59%**		**121%**
# of sites						8		8

San Juan	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown	SNOTEL	11600	32	15.9	18.4	86%	30.7	167%
Beaver Spring	SNOTEL	9255	0	0.0	0.0		7.1	
Beaver Spring	SC	9220						
Bowl Canyon	SC	8980						
Cascade #2	SNOTEL	9012	0	0.0	0.0		0.3	
Columbus Basin	SNOTEL	10781	52	20.6	22.2	93%	33.0	149%
Hidden Valley	SC	8480						
Lemon Reservoir	SC	8700	0	0.0	0.0		6.9	
Mancos	SNOTEL	10044	5	2.5	1.2	208%	15.7	1308%
Mineral Creek	SNOTEL	10046	16	6.2	10.7	58%	14.8	138%
Missionary Spring	SC	7940						
Molas Lake	SNOTEL	10631	19	7.2	17.7	41%	26.0	147%
Navajo Whiskey Ck	SNOTEL	9064	0	0.0	0.0		0.0	
Red Mountain Pass	SNOTEL	11080	50	19.2	22.9	84%	30.7	134%
Sharkstooth	SNOTEL	10747	25	10.1	14.3	71%	32.3	226%
Spud Mountain	SNOTEL	10674	27	10.8	16.8	64%	32.8	195%
Stump Lakes	SNOTEL	11248	34	14.9	17.7	84%	23.2	131%
Tsaile Canyon #1	SC	8160						
Tsaile Canyon #3	SC	8920						
Upper San Juan	SNOTEL	10140	38	16.2	23.2	70%	41.2	178%
Upper San Juan	SC	10200			21.0		39.5	188%
Vallecito	SNOTEL	10782	19	7.7	9.1	85%	20.6	226%

San Juan (cont.)	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Weminuche Creek	SNOTEL	10749	12	5.0	6.6	76%	22.9	347%
Whiskey Creek	SC	9050						
Wolf Creek Summit	SNOTEL	10957	46	21.1	34.6	61%	40.3	116%
Basin Index						**73%**		**176%**
# of sites						17		17

San Juan Headwaters	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beartown	SNOTEL	11600	32	15.9	18.4	86%	30.7	167%
Cascade #2	SNOTEL	9012	0	0.0	0.0		0.3	
Columbus Basin	SNOTEL	10781	52	20.6	22.2	93%	33.0	149%
Lemon Reservoir	SC	8700	0	0.0	0.0		6.9	
Mineral Creek	SNOTEL	10046	16	6.2	10.7	58%	14.8	138%
Molas Lake	SNOTEL	10631	19	7.2	17.7	41%	26.0	147%
Red Mountain Pass	SNOTEL	11080	50	19.2	22.9	84%	30.7	134%
Spud Mountain	SNOTEL	10674	27	10.8	16.8	64%	32.8	195%
Stump Lakes	SNOTEL	11248	34	14.9	17.7	84%	23.2	131%
Upper San Juan	SNOTEL	10140	38	16.2	23.2	70%	41.2	178%
Upper San Juan	SC	10200			21.0		39.5	188%
Vallecito	SNOTEL	10782	19	7.7	9.1	85%	20.6	226%
Weminuche Creek	SNOTEL	10749	12	5.0	6.6	76%	22.9	347%
Wolf Creek Summit	SNOTEL	10957	46	21.1	34.6	61%	40.3	116%
Basin Index						**72%**		**162%**
# of sites						13		13

Zuni	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boon	SC	8140					0.0	
Dan Valley	SC	7640					0.0	
Mcgaffey	SC	8120					0.0	
Basin Index								
# of sites						0		0

Zuni-Bluewater	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Boon	SC	8140					0.0	
Dan Valley	SC	7640					0.0	
Mcgaffey	SC	8120					0.0	
Ojo Redondo	SC	8200						
Rice Park	SNOTEL	8497	0	0.0	0.0		0.0	
Basin Index								
# of sites						1		1

State of New Mexico	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Aztec #2	SC	9880						
Bateman	SNOTEL	9249	0	0.0	0.4	0%	1.6	400%
Beartown	SNOTEL	11600	32	15.9	18.4	86%	30.7	167%
Beaver Head	SNOTEL	8076	0	0.0	0.0		0.0	
Beaver Spring	SC	9220						
Beaver Spring	SNOTEL	9255	0	0.0	0.0		7.1	
Boon	SC	8140					0.0	
Bowl Canyon	SC	8980						
Cascade #2	SNOTEL	9012	0	0.0	0.0		0.3	
Chamita	SNOTEL	8383	0	0.0	0.0		1.9	
Cochetopa Pass	SC	10000	2	0.5	2.8	18%	1.8	64%
Cochetopa Pass	SNOTEL	10061	1	0.0	0.0		0.0	
Columbus Basin	SNOTEL	10781	52	20.6	22.2	93%	33.0	149%
Coronado Trail	SNOTEL	8418	1	0.0	0.0		0.0	

State of New Mexico (cont.)	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Coronado Trail	SC	8350						
Culebra #2	SNOTEL	10562	10	3.3	7.2	46%	7.2	100%
Cumbres Trestle	SNOTEL	10035	29	15.2	19.6	78%	33.6	171%
Dan Valley	SC	7640					0.0	
Elk Cabin	SNOTEL	8239	0	0.0	0.0		0.0	
Frisco Divide	SNOTEL	8013	0	0.0	0.0		0.0	
Gallegos Peak	SNOTEL	9480	0	0.0	0.0		0.0	
Garita Peak	SNOTEL	10115	0	0.0			0.0	
Grayback	SC	11600	16	4.9	13.6	36%	12.6	93%
Grayback	SNOTEL	11626	0	0.1			0.0	
Hannagan Meadows	SNOTEL	9027	0	0.2	0.0		0.0	
Hayden Pass	SNOTEL	10699	23	9.3	13.3	70%	4.2	32%
Hematite Park	SC	9500						
Hidden Valley	SC	8480						
Hopewell	SNOTEL	10095	16	5.5	11.5	48%	16.5	143%
La Veta Pass	SC	9440	0	0.0	0.9	0%	1.0	111%
Lemon Reservoir	SC	8700	0	0.0	0.0		6.9	
Lily Pond	SNOTEL	11069	1	1.3	8.4	15%	15.6	186%
Lookout Mountain	SNOTEL	8509	0	0.0	0.0		0.0	
Mancos	SNOTEL	10044	5	2.5	1.2	208%	15.7	1308%
Mcgaffey	SC	8120					0.0	
Mcknight Cabin	SNOTEL	9242	0	0.0	0.0		0.0	
Medano Pass	SNOTEL	9668	1	0.0	0.0		0.0	
Middle Creek	SNOTEL	11269	24	11.8	17.2	69%	24.3	141%
Mineral Creek	SNOTEL	10046	16	6.2	10.7	58%	14.8	138%
Missionary Spring	SC	7940						
Molas Lake	SNOTEL	10631	19	7.2	17.7	41%	26.0	147%
Moon Pass	SNOTEL	11128	0	0.2	1.2	17%	0.0	0%
Navajo Whiskey Ck	SNOTEL	9064	0	0.0	0.0		0.0	
North Costilla	SNOTEL	10598	0	0.0	0.8	0%	0.0	0%
Nutrioso	SC	8500						
Nutrioso	SNOTEL	8571	0	0.0	0.0		0.0	
Ojo Redondo	SC	8200						
Palo	SC	9300						
Palo	SNOTEL	9343	0	0.0	0.0		0.0	
PanchueLa	SC	8400						
Pinos Mill	SC	10000	28	11.0	18.2	60%	27.6	152%
Platoro	SC	9880	14	4.5	12.2	37%	17.5	143%
Pool Table Mountain	SC	9840	0	0.0	1.7	0%	1.0	59%
Porcupine	SC	10280	6	1.5	4.9	31%	6.6	135%
Quemazon	SNOTEL	9507	0	0.0	0.0		0.0	
Red Mountain Pass	SNOTEL	11080	50	19.2	22.9	84%	30.7	134%
Red River Pass #2	SNOTEL	9855	0	0.0	0.0		0.0	
Rice Park	SNOTEL	8497	0	0.0	0.0		0.0	
Rio En Medio	SC	10300	2	0.8	1.8	44%	4.6	256%
Rio Santa Barbara	SNOTEL	10664	16	5.8			10.5	
San Antonio Sink	SC	9200	0	0.0	0.0		0.4	
San Antonio Sink	SNOTEL	9143	0	0.0			0.0	
Santa Fe	SNOTEL	11465	31	12.1	13.8	88%	17.4	126%
Sargents Mesa	SNOTEL	11499	20	8.1	9.6	84%	12.5	130%
Senorita Divide #2	SNOTEL	8569	0	0.0	0.0		0.0	
Sharkstooth	SNOTEL	10747	25	10.1	14.3	71%	32.3	226%
Shuree	SNOTEL	10092	0	0.0	0.0		0.0	
Sierra Blanca	SNOTEL	10268	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	
Silver Lakes	SC	9500	0	0.0	0.0		0.0	
Slumgullion	SNOTEL	11560	16	6.2	13.0	48%	10.1	78%
Spud Mountain	SNOTEL	10674	27	10.8	16.8	64%	32.8	195%
State Line	SC	8000						
Stump Lakes	SNOTEL	11248	34	14.9	17.7	84%	23.2	131%

State of New Mexico (cont.)	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Taos Canyon	SC	9100						
Taos Powderhorn	SC	11250	53	19.9	23.0	87%	24.3	106%
Taos Powderhorn	SNOTEL	11045	57	20.8	19.6	106%	23.7	121%
Taos Pueblo	SNOTEL	11020	11	3.8			15.5	
Tolby	SNOTEL	10220	0	0.0	0.0		0.3	
Tres Ritos	SNOTEL	8755	0	0.0	0.0		0.0	
Trinchera	SNOTEL	10922	6	3.0	4.1	73%	5.3	129%
Tsaile Canyon #1	SC	8160						
Tsaile Canyon #3	SC	8920						
Upper Rio Grande	SNOTEL	9379	0	0.0	0.0		0.0	
Upper San Juan	SNOTEL	10140	38	16.2	23.2	70%	41.2	178%
Upper San Juan	SC	10200			21.0		39.5	188%
Ute Creek	SNOTEL	10734	0	0.0	9.2	0%	4.6	50%
Vacas Locas	SNOTEL	9364	3	1.1	0.0		2.9	
Vallecito	SNOTEL	10782	19	7.7	9.1	85%	20.6	226%
Wager Gulch	SNOTEL	11132	9	3.8			8.3	
Weminuche Creek	SNOTEL	10749	12	5.0	6.6	76%	22.9	347%
Wesner Springs	SNOTEL	11151	11	3.8	7.9	48%	13.5	171%
Whiskey Creek	SC	9050						
Wolf Creek Summit	SNOTEL	10957	46	21.1	34.6	61%	40.3	116%
Basin Index						**67%**		**149%**
# of sites						69		69

Water Year to Date Precipitation	Basin Wide Cumulative Precipitation	October 1, 2023 - April 30, 2024
	Percent NRCS 1991-2020 Median	

Percent NRCS 1991-2020 Median

- ≥ 150%
- 130% - 149%
- 110% - 129%
- 90% - 109%
- 70% - 89%
- 50% - 69%
- < 50%
- No basin value

Watershed Boundaries
— State Watersheds

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Pueblo

Farmington

Gallup

Santa Fe

Albuquerque

NEW MEXICO

Baldy Peak

Roswell

Carlsbad

Las Cruces

Ciudad Juárez

El Paso

Guadalupe Peak

Agua Prieta

TEXAS

N

0 10 20 40 60 80 100 Miles

USDA **Natural Resources Conservation Service**
United States Department of Agriculture

Created 5-09-2024

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

			Monthly Total Precipitation For April 2024					Water Year To Date Precipitation through April 2024				

Canadian

	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
North Costilla	SNOTEL	10598	1.7	3	57%	1.1	37%	12.3	15.4	80%	13	84%
Palo	SNOTEL	9343	0.9	1.8	50%	0.6	33%	10.5	10.6	99%	11.8	111%
Red River Pass #2	SNOTEL	9855	0.9	1.9	47%	0.4	21%	8.3	12.2	68%	9.6	79%
Shuree	SNOTEL	10092	1.4	1.8	78%	1	56%	9.6	10.4	92%	9.2	88%
Taos Pueblo	SNOTEL	11020	2.2			1.3		19.7			30.5	
Tolby	SNOTEL	10220	1.4	2.6	54%	0.7	27%	11.8	15.4	77%	14.1	92%
Wesner Springs	SNOTEL	11151	0.7	2.2	32%	0.8	36%	16.7	21.1	79%	23.9	113%
Basin Index					**53%**		**35%**			**81%**		**96%**
# of sites					6		6			6		6

Canadian Headwaters

	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
North Costilla	SNOTEL	10598	1.7	3	57%	1.1	37%	12.3	15.4	80%	13	84%
Palo	SNOTEL	9343	0.9	1.8	50%	0.6	33%	10.5	10.6	99%	11.8	111%
Red River Pass #2	SNOTEL	9855	0.9	1.9	47%	0.4	21%	8.3	12.2	68%	9.6	79%
Shuree	SNOTEL	10092	1.4	1.8	78%	1	56%	9.6	10.4	92%	9.2	88%
Taos Pueblo	SNOTEL	11020	2.2			1.3		19.7			30.5	
Tolby	SNOTEL	10220	1.4	2.6	54%	0.7	27%	11.8	15.4	77%	14.1	92%
Basin Index					**57%**		**34%**			**82%**		**90%**
# of sites					5		5			5		5

Gila-San Francisco

	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beaver Head	SNOTEL	8076	0.4			0		13.3			14.5	
Coronado Trail	SNOTEL	8418	0.6	0.6	100%	0	0%	12.4	11.2	111%	13.8	123%
Frisco Divide	SNOTEL	8013	0.4	0.6	67%	0	0%	10	9.3	108%	12.2	131%
Hannagan Meadows	SNOTEL	9027	1	0.9	111%	0.2	22%	20	17.2	116%	23.1	134%
Lookout Mountain	SNOTEL	8509	0.7	0.4	175%	0	0%	9.9	8.4	118%	11.3	135%
Nutrioso	SNOTEL	8571	0.4	0.2	200%	0.5	250%	8.1	7.4	109%	12.7	172%
Signal Peak	SNOTEL	8405	0.6	0.6	100%	0	0%	11.8	12.2	97%	16.1	132%
Silver Creek Divide	SNOTEL	9096	1.3	0.8	163%	0	0%	19.7	17	116%	22.8	134%
Basin Index					**122%**		**17%**			**111%**		**135%**
# of sites					7		7			7		7

San Francisco

	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beaver Head	SNOTEL	8076	0.4			0		13.3			14.5	
Coronado Trail	SNOTEL	8418	0.6	0.6	100%	0	0%	12.4	11.2	111%	13.8	123%
Frisco Divide	SNOTEL	8013	0.4	0.6	67%	0	0%	10	9.3	108%	12.2	131%
Hannagan Meadows	SNOTEL	9027	1	0.9	111%	0.2	22%	20	17.2	116%	23.1	134%
Nutrioso	SNOTEL	8571	0.4	0.2	200%	0.5	250%	8.1	7.4	109%	12.7	172%
Silver Creek Divide	SNOTEL	9096	1.3	0.8	163%	0	0%	19.7	17	116%	22.8	134%
Basin Index					**119%**		**23%**			**113%**		**136%**
# of sites					5		5			5		5

Upper Gila

	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Lookout Mountain	SNOTEL	8509	0.7	0.4	175%	0	0%	9.9	8.4	118%	11.3	135%
Signal Peak	SNOTEL	8405	0.6	0.6	100%	0	0%	11.8	12.2	97%	16.1	132%
Silver Creek Divide	SNOTEL	9096	1.3	0.8	163%	0	0%	19.7	17	116%	22.8	134%
Basin Index					**144%**		**0%**			**110%**		**134%**
# of sites					3		3			3		3

Lower Rio Grande

	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	0.6	1.2	50%	0.3	25%	11	11.2	98%	16.2	145%
Garita Peak	SNOTEL	10115	1.4			0.2		14.9			18.7	
Lookout Mountain	SNOTEL	8509	0.7	0.4	175%	0	0%	9.9	8.4	118%	11.3	135%
Mcknight Cabin	SNOTEL	9242	0.5	0.1	500%	0	0%	8.4	9.3	90%	12.2	131%
Quemazon	SNOTEL	9507	1	1	100%	0	0%	14.8	13.4	110%	14.5	108%
Rice Park	SNOTEL	8497	1.8	1	180%	0.2	20%	15.6	11.8	132%	18.4	156%
Santa Fe	SNOTEL	11465	1.4	2.3	61%	1.2	52%	20.4	20	102%	24.9	125%
Senorita Divide #2	SNOTEL	8569	2.2	1.7	129%	0	0%	17.6	16	110%	18.5	116%
Signal Peak	SNOTEL	8405	0.6	0.6	100%	0	0%	11.8	12.2	97%	16.1	132%
Vacas Locas	SNOTEL	9364	2.4	1.8	133%	0.3	17%	17.7	16.6	107%	20	120%
Basin Index					**111%**		**20%**			**107%**		**128%**
# of sites					9		9			9		9

Jemez

	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Garita Peak	SNOTEL	10115	1.4			0.2		14.9			18.7	
Quemazon	SNOTEL	9507	1	1	100%	0	0%	14.8	13.4	110%	14.5	108%
Senorita Divide #2	SNOTEL	8569	2.2	1.7	129%	0	0%	17.6	16	110%	18.5	116%
Vacas Locas	SNOTEL	9364	2.4	1.8	133%	0.3	17%	17.7	16.6	107%	20	120%
Basin Index					**124%**		**7%**			**109%**		**115%**
# of sites					3		3			3		3

	Network	Elevation (ft)	Monthly Total Precipitation For April 2024					Water Year To Date Precipitation through April 2024				
Mimbres			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	0.5	0.1	500%	0	0%	8.4	9.3	90%	12.2	131%
Signal Peak	SNOTEL	8405	0.6	0.6	100%	0	0%	11.8	12.2	97%	16.1	132%
Basin Index					157%		0%			94%		132%
# of sites					2		2			2		2

Pecos	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	0.6	1.2	50%	0.3	25%	11	11.2	98%	16.2	145%
Santa Fe	SNOTEL	11465	1.4	2.3	61%	1.2	52%	20.4	20	102%	24.9	125%
Sierra Blanca	SNOTEL	10268	0.8	1.6	50%	0	0%	15.7	16.1	98%	23.7	147%
Wesner Springs	SNOTEL	11151	0.7	2.2	32%	0.8	36%	16.7	21.1	79%	23.9	113%
Basin Index					48%		32%			93%		130%
# of sites					4		4			4		4

Pecos Headwaters	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	0.6	1.2	50%	0.3	25%	11	11.2	98%	16.2	145%
Santa Fe	SNOTEL	11465	1.4	2.3	61%	1.2	52%	20.4	20	102%	24.9	125%
Wesner Springs	SNOTEL	11151	0.7	2.2	32%	0.8	36%	16.7	21.1	79%	23.9	113%
Basin Index					47%		40%			92%		124%
# of sites					3		3			3		3

Rio Hondo	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Sierra Blanca	SNOTEL	10268	0.8	1.6	50%	0	0%	15.7	16.1	98%	23.7	147%
Basin Index					50%		0%			98%		147%
# of sites					1		1			1		1

Rio Chama-Upper Rio Grande	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Bateman	SNOTEL	9249	1.4	1.5	93%	0.5	33%	14.1	15.2	93%	16.2	107%
Chamita	SNOTEL	8383	1.1	1.2	92%	0.8	67%	12.2	13.8	88%	16.3	118%
Cumbres Trestle	SNOTEL	10035	1.6	2.9	55%	0.8	28%	22.6	26.6	85%	35.4	133%
Elk Cabin	SNOTEL	8239	0.6	1.2	50%	0.3	25%	11	11.2	98%	16.2	145%
Gallegos Peak	SNOTEL	9480	1.3	1.6	81%	0.3	19%	17.4	16	109%	17.7	111%
Garita Peak	SNOTEL	10115	1.4			0.2		14.9			18.7	
Hopewell	SNOTEL	10095	1.5	2.2	68%	1.2	55%	19.3	20	97%	24.8	124%
North Costilla	SNOTEL	10598	1.7	3	57%	1.1	37%	12.3	15.4	80%	13	84%
Palo	SNOTEL	9343	0.9	1.8	50%	0.6	33%	10.5	10.6	99%	11.8	111%
Quemazon	SNOTEL	9507	1	1	100%	0	0%	14.8	13.4	110%	14.5	108%
Red River Pass #2	SNOTEL	9855	0.9	1.9	47%	0.4	21%	8.3	12.2	68%	9.6	79%
Rio Santa Barbara	SNOTEL	10664	1.6			0.4		16.6			19.5	
Santa Fe	SNOTEL	11465	1.4	2.3	61%	1.2	52%	20.4	20	102%	24.9	125%
Shuree	SNOTEL	10092	1.4	1.8	78%	1	56%	9.6	10.4	92%	9.2	88%
Taos Powderhorn	SNOTEL	11045	2.6	3.5	74%	0.8	23%	22.9	23.6	97%	25.3	107%
Taos Pueblo	SNOTEL	11020	2.2			1.3		19.7			30.5	
Tres Ritos	SNOTEL	8755	1.2	2	60%	0.5	25%	13	13.4	97%	14.4	107%
Basin Index					67%		34%			94%		112%
# of sites					14		14			14		14

Rio Chama	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Bateman	SNOTEL	9249	1.4	1.5	93%	0.5	33%	14.1	15.2	93%	16.2	107%
Chamita	SNOTEL	8383	1.1	1.2	92%	0.8	67%	12.2	13.8	88%	16.3	118%
Cumbres Trestle	SNOTEL	10035	1.6	2.9	55%	0.8	28%	22.6	26.6	85%	35.4	133%
Garita Peak	SNOTEL	10115	1.4			0.2		14.9			18.7	
Hopewell	SNOTEL	10095	1.5	2.2	68%	1.2	55%	19.3	20	97%	24.8	124%
Basin Index					72%		42%			90%		123%
# of sites					4		4			4		4

Upper Rio Grande	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Elk Cabin	SNOTEL	8239	0.6	1.2	50%	0.3	25%	11	11.2	98%	16.2	145%
Gallegos Peak	SNOTEL	9480	1.3	1.6	81%	0.3	19%	17.4	16	109%	17.7	111%
North Costilla	SNOTEL	10598	1.7	3	57%	1.1	37%	12.3	15.4	80%	13	84%
Palo	SNOTEL	9343	0.9	1.8	50%	0.6	33%	10.5	10.6	99%	11.8	111%
Quemazon	SNOTEL	9507	1	1	100%	0	0%	14.8	13.4	110%	14.5	108%
Red River Pass #2	SNOTEL	9855	0.9	1.9	47%	0.4	21%	8.3	12.2	68%	9.6	79%
Rio Santa Barbara	SNOTEL	10664	1.6			0.4		16.6			19.5	
Santa Fe	SNOTEL	11465	1.4	2.3	61%	1.2	52%	20.4	20	102%	24.9	125%
Shuree	SNOTEL	10092	1.4	1.8	78%	1	56%	9.6	10.4	92%	9.2	88%
Taos Powderhorn	SNOTEL	11045	2.6	3.5	74%	0.8	23%	22.9	23.6	97%	25.3	107%
Taos Pueblo	SNOTEL	11020	2.2			1.3		19.7			30.5	
Tres Ritos	SNOTEL	8755	1.2	2	60%	0.5	25%	13	13.4	97%	14.4	107%
Basin Index					65%		31%			96%		107%
# of sites					10		10			10		10

			Monthly Total Precipitation For April 2024					Water Year To Date Precipitation through April 2024				
Rio Grande Headwaters	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beartown	SNOTEL	11600	2.1	3.2	66%	2.8	88%	23.1	26.2	88%	31.6	121%
Cochetopa Pass	SNOTEL	10061	1.1	1.4	79%	1.5	107%	8.4	8.8	95%	7.4	84%
Culebra #2	SNOTEL	10562	1.2	2.9	41%	0.8	28%	12.4	15.8	78%	13.5	85%
Cumbres Trestle	SNOTEL	10035	1.6	2.9	55%	0.8	28%	22.6	26.6	85%	35.4	133%
Grayback	SNOTEL	11626	1	2.6	38%	1.2	46%	16.2	20	81%	21.4	107%
Hayden Pass	SNOTEL	10699	1.2	2.6	46%	2.5	96%	17.4	16.6	105%	12.7	77%
Lily Pond	SNOTEL	11069	0.9	2.4	37%	0.3	13%	17.7	21.7	82%	23.6	109%
Medano Pass	SNOTEL	9668	1.6	2.7	59%	2.1	78%	14.2	14.2	100%	13.3	94%
Middle Creek	SNOTEL	11269	1	2.9	34%	1.2	41%	20.4	24.8	82%	28	113%
Moon Pass	SNOTEL	11128	1	1.4	71%	1.4	100%	10.7	9.5	113%	7.1	75%
North Costilla	SNOTEL	10598	1.7	3	57%	1.1	37%	12.3	15.4	80%	13	84%
San Antonio Sink	SNOTEL	9143	0.4			0.5		11			11.8	
Sargents Mesa	SNOTEL	11499	1.8	2.3	78%	2.4	104%	13.6	14.2	96%	13.6	96%
Slumgullion	SNOTEL	11560	1.4	2.4	58%	1.8	75%	14.4	15.9	91%	15.2	96%
Trinchera	SNOTEL	10922	1.6	2.8	57%	1.3	46%	12.2	14	87%	14	100%
Upper Rio Grande	SNOTEL	9379	0.6	1.5	40%	1.5	100%	12.6	11.1	114%	13	117%
Ute Creek	SNOTEL	10734	1.4	3.2	44%	1.9	59%	15.8	19.2	82%	15.6	81%
Wager Gulch	SNOTEL	11132	1.2			2		14			16.1	
Wolf Creek Summit	SNOTEL	10957	1.8	3.5	51%	0.8	23%	27	36	75%	44.9	125%
Basin Index					53%		58%			87%		104%
# of sites					17		17			17		17

Alamosa	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Grayback	SNOTEL	11626	1	2.6	38%	1.2	46%	16.2	20	81%	21.4	107%
Lily Pond	SNOTEL	11069	0.9	2.4	37%	0.3	13%	17.7	21.7	82%	23.6	109%
Basin Index					38%		30%			81%		108%
# of sites					2		2			2		2

Conejos	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Cumbres Trestle	SNOTEL	10035	1.6	2.9	55%	0.8	28%	22.6	26.6	85%	35.4	133%
Lily Pond	SNOTEL	11069	0.9	2.4	37%	0.3	13%	17.7	21.7	82%	23.6	109%
San Antonio Sink	SNOTEL	9143	0.4			0.5		11			11.8	
Basin Index					47%		21%			83%		122%
# of sites					2		2			2		2

Culebra-Trinchera	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Culebra #2	SNOTEL	10562	1.2	2.9	41%	0.8	28%	12.4	15.8	78%	13.5	85%
Trinchera	SNOTEL	10922	1.6	2.8	57%	1.3	46%	12.2	14	87%	14	100%
Ute Creek	SNOTEL	10734	1.4	3.2	44%	1.9	59%	15.8	19.2	82%	15.6	81%
Basin Index					47%		45%			82%		88%
# of sites					3		3			3		3

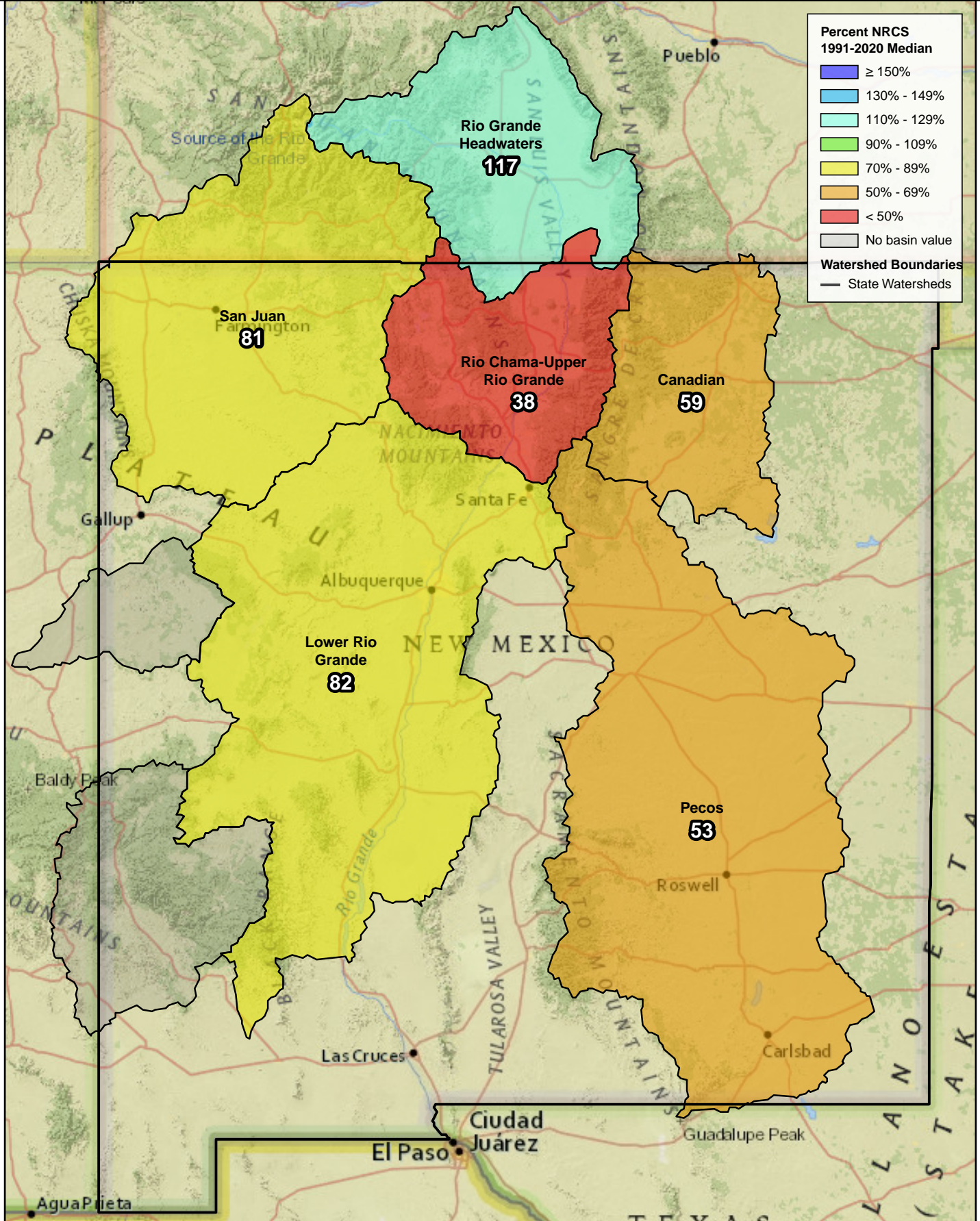| Headwaters Rio Grande	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beartown	SNOTEL	11600	2.1	3.2	66%	2.8	88%	23.1	26.2	88%	31.6	121%
Grayback	SNOTEL	11626	1	2.6	38%	1.2	46%	16.2	20	81%	21.4	107%
Middle Creek	SNOTEL	11269	1	2.9	34%	1.2	41%	20.4	24.8	82%	28	113%
Slumgullion	SNOTEL	11560	1.4	2.4	58%	1.8	75%	14.4	15.9	91%	15.2	96%
Upper Rio Grande	SNOTEL	9379	0.6	1.5	40%	1.5	100%	12.6	11.1	114%	13	117%
Wager Gulch	SNOTEL	11132	1.2			2		14			16.1	
Wolf Creek Summit	SNOTEL	10957	1.8	3.5	51%	0.8	23%	27	36	75%	44.9	125%
Basin Index					49%		58%			85%		115%
# of sites					6		6			6		6

San Juan	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beartown	SNOTEL	11600	2.1	3.2	66%	2.8	88%	23.1	26.2	88%	31.6	121%
Beaver Spring	SNOTEL	9255	1.7	1.6	106%	0.5	31%	19.9	15.9	125%	26	164%
Cascade #2	SNOTEL	9012	1.4	1.6	88%	1	63%	15.3	20.4	75%	27.7	136%
Columbus Basin	SNOTEL	10781	2.1	3	70%	1	33%	26.5	28.8	92%	39.5	137%
Mancos	SNOTEL	10044	0.8	2.4	33%	0.7	29%	15.2	19.3	79%	24.2	125%
Mineral Creek	SNOTEL	10046	1.9	2.4	79%	2.5	104%	17.3	19.4	89%	23.8	123%
Molas Lake	SNOTEL	10631	1.7	2.8	61%	2	71%	18.3	22.8	80%	27.8	122%
Navajo Whiskey Ck	SNOTEL	9064	1.4	1.4	100%	0.4	29%	17.8	12.2	146%	22.8	187%
Red Mountain Pass	SNOTEL	11080	3	4.2	71%	3.3	79%	25.6	29.2	88%	34.5	118%
Sharkstooth	SNOTEL	10747	1.9	2.5	76%	1.8	72%	21.1	22.8	93%	36	158%
Spud Mountain	SNOTEL	10674	2.6	3.3	79%	2.3	70%	26.1	33.1	79%	44.7	135%
Stump Lakes	SNOTEL	11248	1.7	2	85%	0.9	45%	22.1	21.1	105%	30.2	143%
Upper San Juan	SNOTEL	10140	2.1	3.3	64%	0.9	27%	30.4	37.4	81%	45.3	121%
Vallecito	SNOTEL	10782	1.3	1.7	76%	0.7	41%	16.7	19.5	86%	27.3	140%
Weminuche Creek	SNOTEL	10749	1.2	2.1	57%	1	48%	22.4	22.7	99%	33	145%
Wolf Creek Summit	SNOTEL	10957	1.8	3.5	51%	0.8	23%	27	36	75%	44.9	125%
Basin Index					70%		55%			89%		134%
# of sites					16		16			16		16

San Juan Headwaters	Network	Elevation (ft)	Monthly Total Precipitation For April 2024					Water Year To Date Precipitation through April 2024				
			Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Beartown	SNOTEL	11600	2.1	3.2	66%	2.8	88%	23.1	26.2	88%	31.6	121%
Cascade #2	SNOTEL	9012	1.4	1.6	88%	1	63%	15.3	20.4	75%	27.7	136%
Columbus Basin	SNOTEL	10781	2.1	3	70%	1	33%	26.5	28.8	92%	39.5	137%
Mineral Creek	SNOTEL	10046	1.9	2.4	79%	2.5	104%	17.3	19.4	89%	23.8	123%
Molas Lake	SNOTEL	10631	1.7	2.8	61%	2	71%	18.3	22.8	80%	27.8	122%
Red Mountain Pass	SNOTEL	11080	3	4.2	71%	3.3	79%	25.6	29.2	88%	34.5	118%
Spud Mountain	SNOTEL	10674	2.6	3.3	79%	2.3	70%	26.1	33.1	79%	44.7	135%
Stump Lakes	SNOTEL	11248	1.7	2	85%	0.9	45%	22.1	21.1	105%	30.2	143%
Upper San Juan	SNOTEL	10140	2.1	3.3	64%	0.9	27%	30.4	37.4	81%	45.3	121%
Vallecito	SNOTEL	10782	1.3	1.7	76%	0.7	41%	16.7	19.5	86%	27.3	140%
Weminuche Creek	SNOTEL	10749	1.2	2.1	57%	1	48%	22.4	22.7	99%	33	145%
Wolf Creek Summit	SNOTEL	10957	1.8	3.5	51%	0.8	23%	27	36	75%	44.9	125%
Basin Index					**69%**		**58%**			**86%**		**130%**
# of sites					12		12			12		12

Zuni-Bluewater	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Rice Park	SNOTEL	8497	1.8	1	180%	0.2	20%	15.6	11.8	132%	18.4	156%
Basin Index					**180%**		**20%**			**132%**		**156%**
# of sites					1		1			1		1

State of New Mexico	Network	Elevation (ft)	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Bateman	SNOTEL	9249	1.4	1.5	93%	0.5	33%	14.1	15.2	93%	16.2	107%
Beartown	SNOTEL	11600	2.1	3.2	66%	2.8	88%	23.1	26.2	88%	31.6	121%
Beaver Head	SNOTEL	8076	0.4			0		13.3			14.5	
Beaver Spring	SNOTEL	9255	1.7	1.6	106%	0.5	31%	19.9	15.9	125%	26	164%
Cascade #2	SNOTEL	9012	1.4	1.6	88%	1	63%	15.3	20.4	75%	27.7	136%
Chamita	SNOTEL	8383	1.1	1.2	92%	0.8	67%	12.2	13.8	88%	16.3	118%
Cochetopa Pass	SNOTEL	10061	1.1	1.4	79%	1.5	107%	8.4	8.8	95%	7.4	84%
Columbus Basin	SNOTEL	10781	2.1	3	70%	1	33%	26.5	28.8	92%	39.5	137%
Coronado Trail	SNOTEL	8418	0.6	0.6	100%	0	0%	12.4	11.2	111%	13.8	123%
Culebra #2	SNOTEL	10562	1.2	2.9	41%	0.8	28%	12.4	15.8	78%	13.5	85%
Cumbres Trestle	SNOTEL	10035	1.6	2.9	55%	0.8	28%	22.6	26.6	85%	35.4	133%
Elk Cabin	SNOTEL	8239	0.6	1.2	50%	0.3	25%	11	11.2	98%	16.2	145%
Frisco Divide	SNOTEL	8013	0.4	0.6	67%	0	0%	10	9.3	108%	12.2	131%
Gallegos Peak	SNOTEL	9480	1.3	1.6	81%	0.3	19%	17.4	16	109%	17.7	111%
Garita Peak	SNOTEL	10115	1.4			0.2		14.9			18.7	
Grayback	SNOTEL	11626	1	2.6	38%	1.2	46%	16.2	20	81%	21.4	107%
Hannagan Meadows	SNOTEL	9027	1	0.9	111%	0.2	22%	20	17.2	116%	23.1	134%
Hayden Pass	SNOTEL	10699	1.2	2.6	46%	2.5	96%	17.4	16.6	105%	12.7	77%
Hopewell	SNOTEL	10095	1.5	2.2	68%	1.2	55%	19.3	20	97%	24.8	124%
Lily Pond	SNOTEL	11069	0.9	2.4	37%	0.3	13%	17.7	21.7	82%	23.6	109%
Lookout Mountain	SNOTEL	8509	0.7	0.4	175%	0	0%	9.9	8.4	118%	11.3	135%
Mancos	SNOTEL	10044	0.8	2.4	33%	0.7	29%	15.2	19.3	79%	24.2	125%
Mcknight Cabin	SNOTEL	9242	0.5	0.1	500%	0	0%	8.4	9.3	90%	12.2	131%
Medano Pass	SNOTEL	9668	1.6	2.7	59%	2.1	78%	14.2	14.2	100%	13.3	94%
Middle Creek	SNOTEL	11269	1	2.9	34%	1.2	41%	20.4	24.8	82%	28	113%
Mineral Creek	SNOTEL	10046	1.9	2.4	79%	2.5	104%	17.3	19.4	89%	23.8	123%
Molas Lake	SNOTEL	10631	1.7	2.8	61%	2	71%	18.3	22.8	80%	27.8	122%
Moon Pass	SNOTEL	11128	1	1.4	71%	1.4	100%	10.7	9.5	113%	7.1	75%
Navajo Whiskey Ck	SNOTEL	9064	1.4	1.4	100%	0.4	29%	17.8	12.2	146%	22.8	187%
North Costilla	SNOTEL	10598	1.7	3	57%	1.1	37%	12.3	15.4	80%	13	84%
Nutrioso	SNOTEL	8571	0.4	0.2	200%	0.5	250%	8.1	7.4	109%	12.7	172%
Palo	SNOTEL	9343	0.9	1.8	50%	0.6	33%	10.5	10.6	99%	11.8	111%
Quemazon	SNOTEL	9507	1	1	100%	0	0%	14.8	13.4	110%	14.5	108%
Red Mountain Pass	SNOTEL	11080	3	4.2	71%	3.3	79%	25.6	29.2	88%	34.5	118%
Red River Pass #2	SNOTEL	9855	0.9	1.9	47%	0.4	21%	8.3	12.2	68%	9.6	79%
Rice Park	SNOTEL	8497	1.8	1	180%	0.2	20%	15.6	11.8	132%	18.4	156%
Rio Santa Barbara	SNOTEL	10664	1.6			0.4		16.6			19.5	
San Antonio Sink	SNOTEL	9143	0.4			0.5		11			11.8	
Santa Fe	SNOTEL	11465	1.4	2.3	61%	1.2	52%	20.4	20	102%	24.9	125%
Sargents Mesa	SNOTEL	11499	1.8	2.3	78%	2.4	104%	13.6	14.2	96%	13.6	96%
Senorita Divide #2	SNOTEL	8569	2.2	1.7	129%	0	0%	17.6	16	110%	18.5	116%
Sharkstooth	SNOTEL	10747	1.9	2.5	76%	1.8	72%	21.1	22.8	93%	36	158%
Shuree	SNOTEL	10092	1.4	1.8	78%	1	56%	9.6	10.4	92%	9.2	88%
Sierra Blanca	SNOTEL	10268	0.8	1.6	50%	0	0%	15.7	16.1	98%	23.7	147%
Signal Peak	SNOTEL	8405	0.6	0.6	100%	0	0%	11.8	12.2	97%	16.1	132%
Silver Creek Divide	SNOTEL	9096	1.3	0.8	163%	0	0%	19.7	17	116%	22.8	134%
Slumgullion	SNOTEL	11560	1.4	2.4	58%	1.8	75%	14.4	15.9	91%	15.2	96%
Spud Mountain	SNOTEL	10674	2.6	3.3	79%	2.3	70%	26.1	33.1	79%	44.7	135%
Stump Lakes	SNOTEL	11248	1.7	2	85%	0.9	45%	22.1	21.1	105%	30.2	143%
Taos Powderhorn	SNOTEL	11045	2.6	3.5	74%	0.8	23%	22.9	23.6	97%	25.3	107%
Taos Pueblo	SNOTEL	11020	2.2			1.3		19.7			30.5	
Tolby	SNOTEL	10220	1.4	2.6	54%	0.7	27%	11.8	15.4	77%	14.1	92%
Tres Ritos	SNOTEL	8755	1.2	2	60%	0.5	25%	13	13.4	97%	14.4	107%
Trinchera	SNOTEL	10922	1.6	2.8	57%	1.3	46%	12.2	14	87%	14	100%
Upper Rio Grande	SNOTEL	9379	0.6	1.5	40%	1.5	100%	12.6	11.1	114%	13	117%
Upper San Juan	SNOTEL	10140	2.1	3.3	64%	0.9	27%	30.4	37.4	81%	45.3	121%
Ute Creek	SNOTEL	10734	1.4	3.2	44%	1.9	59%	15.8	19.2	82%	15.6	81%

State of New Mexico (cont.)	Network	Elevation (ft)	Monthly Total Precipitation For April 2024					Water Year To Date Precipitation through April 2024				
			Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median	Current (in)	Median (in)	% Median	Last Year (in)	Last Year % Median
Vacas Locas	SNOTEL	9364	2.4	1.8	133%	0.3	17%	17.7	16.6	107%	20	120%
Vallecito	SNOTEL	10782	1.3	1.7	76%	0.7	41%	16.7	19.5	86%	27.3	140%
Wager Gulch	SNOTEL	11132	1.2			2		14			16.1	
Weminuche Creek	SNOTEL	10749	1.2	2.1	57%	1	48%	22.4	22.7	99%	33	145%
Wesner Springs	SNOTEL	11151	0.7	2.2	32%	0.8	36%	16.7	21.1	79%	23.9	113%
Wolf Creek Summit	SNOTEL	10957	1.8	3.5	51%	0.8	23%	27	36	75%	44.9	125%
Basin Index					**68%**		**48%**			**93%**		**121%**
# of sites					57		57			57		57

Percent NRCS 1991-2020 Median

- ≥ 150%
- 130% - 149%
- 110% - 129%
- 90% - 109%
- 70% - 89%
- 50% - 69%
- < 50%
- No basin value

Watershed Boundaries
— State Watersheds

Rio Grande Headwaters **117**

San Juan **81**

Rio Chama-Upper Rio Grande **38**

Canadian **59**

Lower Rio Grande **82**

Pecos **53**

USDA Natural Resources Conservation Service
United States Department of Agriculture

Miles
0 10 20 40 60 80 100

Created 5-09-2024

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

	Reservoir Storage Summary For the End of April 2024							

Canadian	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Eagle Nest Lake nr Eagle Nest, NM	37.9	37.8	48.0	79.0	48%	48%	61%	79%	79%
Conchas Lake	63.2	83.0	124.6	254.4	25%	33%	49%	51%	67%
Basin Index					**30%**	**36%**	**52%**	**59%**	**70%**
# of reservoirs					2	2	2	2	2

Lower Rio Grande	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Caballo Reservoir	47.6	55.0	60.2	332.0	14%	17%	18%	79%	91%
Elephant Butte Reservoir	426.0	422.9	532.5	2195.0	19%	19%	24%	80%	79%
Mcclure Reservoir	1.0	2.5	2.0	3.3	31%	77%	61%	51%	126%
Bluewater Lake	16.8	19.7	6.1	38.5	44%	51%	16%	276%	323%
Cochiti Lake	44.5	42.7	51.6	491.0	9%	9%	11%	86%	83%
Basin Index					**18%**	**18%**	**21%**	**82%**	**83%**
# of reservoirs					5	5	5	5	5

Pecos	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Santa Rosa Reservoir	24.0	39.2	59.8	432.2	6%	9%	14%	40%	65%
Brantley Lake nr Carlsbad	16.5	26.3	26.4	1008.2	2%	3%	3%	63%	99%
Lake Sumner	18.9	17.0	26.9	102.0	19%	17%	26%	70%	63%
Lake Avalon	1.1	1.5	1.3	4.0	28%	38%	33%	86%	117%
Basin Index					**4%**	**5%**	**7%**	**53%**	**73%**
# of reservoirs					4	4	4	4	4

Rio Chama-Upper Rio Grande	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Costilla Reservoir	6.2	8.3	8.3	16.0	39%	52%	52%	75%	99%
Abiquiu Reservoir	88.3	116.1	171.6	1198.5	7%	10%	14%	51%	68%
El Vado Reservoir	1.0	2.8	118.5	184.8	1%	2%	64%	1%	2%
Heron Reservoir	108.5	61.8	242.5	400.0	27%	15%	61%	45%	25%
Nambe Falls Reservoir	1.7	1.7	2.0	1.7	100%	105%	120%	83%	87%
Basin Index					**11%**	**11%**	**30%**	**38%**	**35%**
# 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
Platoro Reservoir	32.8	13.8	18.3	60.0	55%	23%	31%	179%	75%
Continental Reservoir	15.9	13.9	7.0	27.0	59%	51%	26%	227%	199%
Santa Maria Reservoir	8.0	8.5	7.5	45.0	18%	19%	17%	107%	113%
Rio Grande Reservoir	25.3	29.6	19.5	51.0	50%	58%	38%	130%	152%
Sanchez Reservoir	7.1	9.0	20.6	103.0	7%	9%	20%	34%	43%
Beaver Reservoir	3.7	3.6	4.4	4.5	83%	80%	98%	85%	82%
La Jara Reservoir	3.0	2.7	2.3					129%	119%
Mountain Home Reservoir	3.1	5.0	3.6	18.0	17%	28%	20%	86%	138%
Terrace Reservoir	7.7	9.5	8.1	18.0	43%	53%	45%	95%	117%
Basin Index					**32%**	**28%**	**27%**	**117%**	**105%**
# of reservoirs					8	8	8	9	9

San Juan	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Lemon Reservoir	21.4	13.2	22.4	40.0	54%	33%	56%	96%	59%
Vallecito Reservoir	91.8	36.5	85.7	126.0	73%	29%	68%	107%	43%
Jackson Gulch Reservoir	6.7	8.2	7.6	10.0	67%	82%	76%	89%	107%
Navajo Reservoir	1108.3	1123.7	1393.0	1696.0	65%	66%	82%	80%	81%
Basin Index					**66%**	**63%**	**81%**	**81%**	**78%**
# of reservoirs					4	4	4	4	4

State of New Mexico	Reservoir Storage Summary For the End of April 2024								
	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Caballo Reservoir	47.6	55.0	60.2	332.0	14%	17%	18%	79%	91%
Continental Reservoir	15.9	13.9	7.0	27.0	59%	51%	26%	227%	199%
Rio Grande Reservoir	25.3	29.6	19.5	51.0	50%	58%	38%	130%	152%
Beaver Reservoir	3.7	3.6	4.4	4.5	83%	80%	98%	85%	82%
Platoro Reservoir	32.8	13.8	18.3	60.0	55%	23%	31%	179%	75%
Abiquiu Reservoir	88.3	116.1	171.6	1198.5	7%	10%	14%	51%	68%
Jackson Gulch Reservoir	6.7	8.2	7.6	10.0	67%	82%	76%	89%	107%
Mcclure Reservoir	1.0	2.5	2.0	3.3	31%	77%	61%	51%	126%
Santa Rosa Reservoir	24.0	39.2	59.8	432.2	6%	9%	14%	40%	65%
La Jara Reservoir	3.0	2.7	2.3					129%	119%
Vallecito Reservoir	91.8	36.5	85.7	126.0	73%	29%	68%	107%	43%
Heron Reservoir	108.5	61.8	242.5	400.0	27%	15%	61%	45%	25%
Mountain Home Reservoir	3.1	5.0	3.6	18.0	17%	28%	20%	86%	138%
Lemon Reservoir	21.4	13.2	22.4	40.0	54%	33%	56%	96%	59%
Lake Avalon	1.1	1.5	1.3	4.0	28%	38%	33%	86%	117%
Elephant Butte Reservoir	426.0	422.9	532.5	2195.0	19%	19%	24%	80%	79%
Eagle Nest Lake nr Eagle Nest, NM	37.9	37.8	48.0	79.0	48%	48%	61%	79%	79%
Navajo Reservoir	1108.3	1123.7	1393.0	1696.0	65%	66%	82%	80%	81%
Lake Sumner	18.9	17.0	26.9	102.0	19%	17%	26%	70%	63%
Cochiti Lake	44.5	42.7	51.6	491.0	9%	9%	11%	86%	83%
Conchas Lake	63.2	83.0	124.6	254.4	25%	33%	49%	51%	67%
Terrace Reservoir	7.7	9.5	8.1	18.0	43%	53%	45%	95%	117%
Costilla Reservoir	6.2	8.3	8.3	16.0	39%	52%	52%	75%	99%
Brantley Lake nr Carlsbad	16.5	26.3	26.4	1008.2	2%	3%	3%	63%	99%
Santa Maria Reservoir	8.0	8.5	7.5	45.0	18%	19%	17%	107%	113%
El Vado Reservoir	1.0	2.8	118.5	184.8	1%	2%	64%	1%	2%
Sanchez Reservoir	7.1	9.0	20.6	103.0	7%	9%	20%	34%	43%
Bluewater Lake	16.8	19.7	6.1	38.5	44%	51%	16%	276%	323%
Nambe Falls Reservoir	1.7	1.7	2.0	1.7	100%	105%	120%	83%	87%
Basin Index					**25%**	**25%**	**34%**	**73%**	**72%**
# of reservoirs					28	28	28	29	29

Percent NRCS 1991-2020 Median
- ≥ 150%
- 130% - 149%
- 110% - 129%
- 90% - 109%
- 70% - 89%
- 50% - 69%
- < 50%
- No basin value

Watershed Boundaries
— State Watersheds

Rio Grande Headwaters **82**

San Juan **71**

Rio Chama-Upper Rio Grande **62**

Canadian **59**

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Pecos **83**

USDA Natural Resources Conservation Service
United States Department of Agriculture

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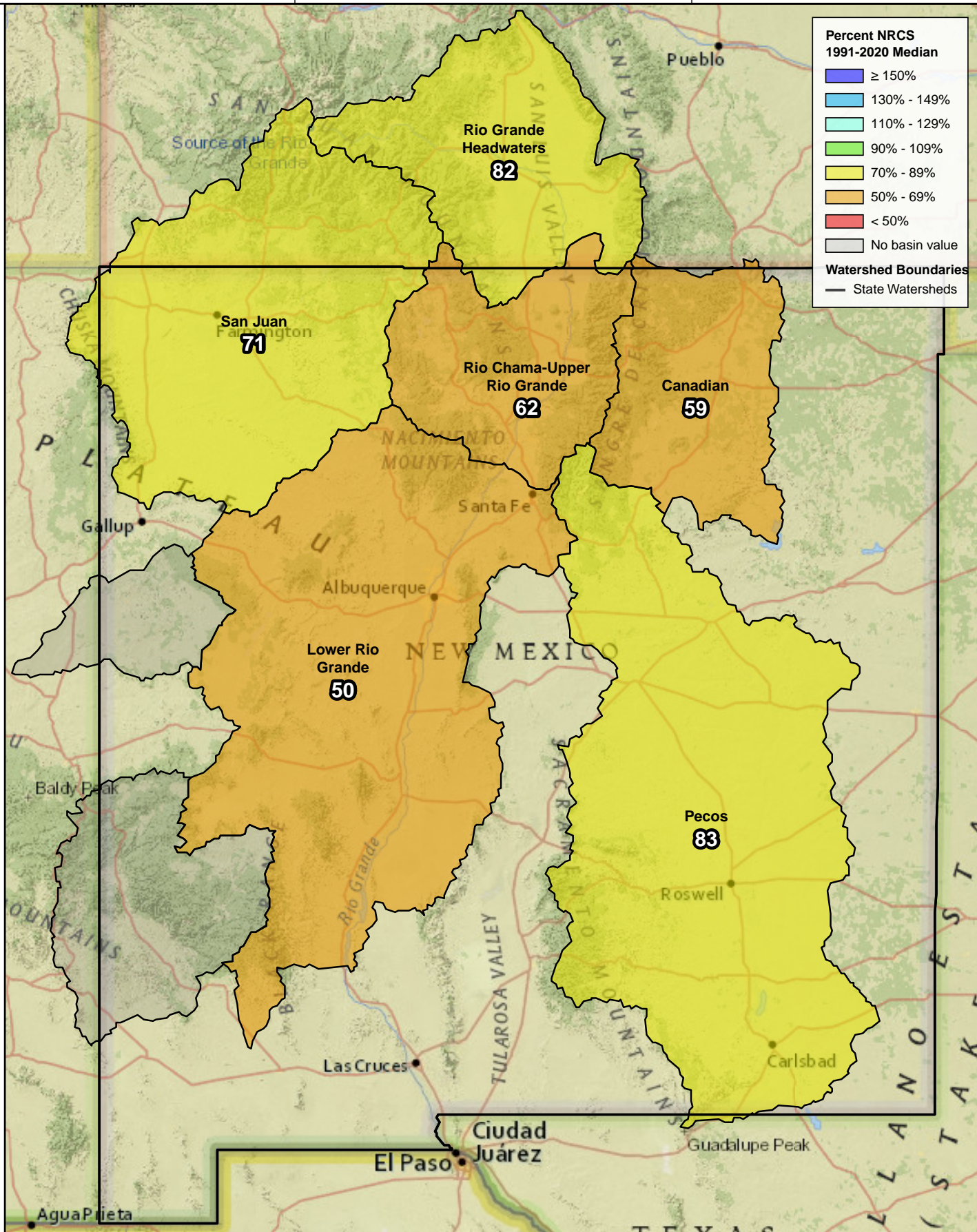
Created 5-09-2024

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

Canadian	Forecast Period	Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Vermejo R nr Dawson								
	MAR-JUN	1.04	1.58	2.1	40%	2.8	4	5.3
	MAY-JUN	0.27	0.81	1.33	35%	2	3.2	3.8
Cimarron R nr Cimarron[2]								
	MAR-JUN	2.1	5.5	7.8	85%	10.1	13.5	9.2
	MAY-JUN	-1.5	1.49	3.8	84%	6.1	9.5	4.5
Rayado Ck nr Cimarron								
	MAR-JUN	2.4	2.9	3.4	67%	4	5.2	5.1
	MAY-JUN	0.24	0.74	1.24	46%	1.84	3	2.7
Eagle Nest Reservoir Inflow[2]								
	MAR-JUN	1.2	3.2	4.5	67%	5.9	7.8	6.7
	MAY-JUN	-1.1	0.52	1.82	76%	3.2	5.1	2.4
Ponil Ck nr Cimarron								
	MAR-JUN	1.16	1.63	2.1	39%	2.7	3.9	5.4
	MAY-JUN	0.19	0.66	1.14	37%	1.74	2.9	3.1

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

Gila-San Francisco	Forecast Period	Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
San Francisco R at Clifton								
Gila R bl Blue Ck nr Virden								
San Francisco R at Glenwood								
Gila R at Gila								

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

Lower Rio Grande	Forecast Period	Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Mimbres R at Mimbres[2]								
Jemez R nr Jemez								
	MAR-JUL	30	34	36	124%	39	44	29
	MAY-JUL	11.7	15.7	17.7	134%	21	26	13.2
Jemez R bl Jemez Canyon Dam								
	MAR-JUL	19.8	24	27	123%	31	37	22
	MAY-JUL	7.3	11.5	14.5	181%	18.5	25	8
Rio Grande at San Marcial[2]								
	MAR-JUL	24	107	163	47%	220	300	345
	MAY-JUL	-63	19.9	76	39%	132	215	195
Santa Fe R nr Santa Fe[2]								
	MAR-JUL	2.7	3.2	3.5	106%	3.9	4.5	3.3
	MAY-JUL	1.14	1.57	1.9	90%	2.3	2.9	2.1

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

Pecos	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
				Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast				
Pecos R nr Pecos								
	MAR-JUL	34	41	46	87%	51	60	53
	MAY-JUL	18.4	25	30	75%	35	44	40
Rio Ruidoso at Hollywood								
	MAR-JUN	3.7	4.2	4.6	135%	5.1	5.8	3.4
	MAY-JUN	1.08	1.59	2	147%	2.5	3.2	1.36
Gallinas Ck nr Montezuma								
	MAR-JUL	4.9	5.8	6.7	84%	7.7	9.6	8
	MAY-JUL	0.93	1.92	2.8	67%	3.8	5.7	4.2
Pecos R ab Santa Rosa Lk								
	MAR-JUL	22	29	35	85%	42	54	41
	MAY-JUL	8.2	15.1	21	78%	28	40	27
Pecos R nr Anton Chico								
	MAR-JUL	32	40	47	89%	55	69	53
	MAY-JUL	12.5	21	28	93%	36	50	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

Rio Chama-Upper Rio Grande	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
				Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast				
El Vado Reservoir Inflow [2]								
	MAR-JUL	95	114	128	69%	144	169	186
	MAY-JUL	51	70	84	69%	100	125	121
Rio Lucero nr Arroyo Seco								
	MAR-JUL	4.1	5.2	6.1	60%	7.1	8.6	10.1
	MAY-JUL	2.8	3.9	4.8	57%	5.8	7.3	8.4
Rio Hondo nr Valdez								
	MAR-JUL	7.4	9.1	10.5	70%	12	14.4	15.1
	MAY-JUL	4.6	6.3	7.7	60%	9.2	11.6	12.8
Red R bl Fish Hatchery nr Questa								
	MAR-JUL	15.2	18.4	21	68%	24	28	31
	MAY-JUL	8.7	11.9	14.3	60%	17	21	24
Rio Pueblo de Taos nr Taos								
	MAR-JUL	10.7	12.7	14.2	114%	15.9	18.6	12.5
	MAY-JUL	4.5	6.5	8	80%	9.7	12.4	10
Tesuque Ck ab diversions								
	MAR-JUL	0.71	0.94	1.13	100%	1.34	1.69	1.13
	MAY-JUL	0.41	0.64	0.83	115%	1.04	1.39	0.72
Costilla Ck nr Costilla [2]								
	MAR-JUL	5.7	7.7	9.4	43%	11.4	14.7	22
	MAY-JUL	2.3	4.3	6	33%	8	11.3	18.1
Rio Pueblo de Taos bl Los Cordovas								
	MAR-JUL	16.9	23	29	138%	35	47	21
	MAY-JUL	7.3	13.6	19.1	138%	25	37	13.8
Embudo Ck at Dixon								
	MAR-JUL	34	40	44	138%	49	56	32
	MAY-JUL	20	26	30	136%	35	42	22
Santa Cruz R at Cundiyo								
	MAR-JUL	12.7	14.6	16.1	97%	17.7	20	16.6
	MAY-JUL	6.5	8.4	9.9	100%	11.5	14.1	9.9

Rio Chama-Upper Rio Grande (cont.)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Nambe Falls Reservoir Inflow[2]								
	MAR-JUL	3.6	4.3	4.9	88%	5.5	6.5	5.6
	MAY-JUL	2.2	2.9	3.5	85%	4.1	5.1	4.1
Costilla Reservoir Inflow[2]								
	MAR-JUL	4	5.1	6	58%	7	8.6	10.3
	MAY-JUL	2.6	3.7	4.6	55%	5.6	7.2	8.4
Rio Grande at Otowi Bridge [2]								
	MAR-JUL	270	320	355	63%	390	455	565
	MAY-JUL	116	162	197	53%	235	300	375

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

		Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast						
Rio Grande Headwaters	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Rio Grande nr Lobatos								
Sangre de Cristo Ck [2]								
	APR-SEP	2.3	3.5	4.7	43%	6.2	9.1	10.9
	MAY-SEP	0.5	1.69	2.9	32%	4.4	7.3	9.1
Platoro Reservoir Inflow [2]								
	APR-JUL	30	36	40	78%	45	52	51
	APR-SEP	32	39	44	77%	49	58	57
	MAY-JUL	25	31	35	71%	40	47	49
	MAY-SEP	27	34	39	72%	44	53	54
Rio Grande at Wagon Wheel Gap[2]								
	APR-SEP	200	235	265	85%	295	340	310
	MAY-SEP	165	200	230	81%	260	305	285
Rio Grande nr Del Norte [2]								
	APR-SEP	285	335	375	78%	415	485	480
	MAY-SEP	225	275	315	75%	355	425	420
Trinchera Ck ab Turners Ranch								
	APR-SEP	4	5.5	6.6	64%	7.9	9.9	10.3
	MAY-SEP	3.3	4.8	5.9	63%	7.2	9.2	9.3
Conejos R nr Mogote [2]								
	APR-SEP	112	131	145	86%	160	183	168
	MAY-SEP	92	111	125	82%	140	163	152
SF Rio Grande at South Fork[2]								
	APR-SEP	71	84	93	83%	103	118	112
	MAY-SEP	51	64	73	75%	83	98	97
Alamosa Ck ab Terrace Reservoir								
	APR-SEP	33	41	46	75%	52	61	61
	MAY-SEP	26	34	39	71%	45	54	55
Culebra Ck at San Luis								
	APR-SEP	5.6	8.7	11.2	67%	14.1	19	16.7
	MAY-SEP	4.7	7.8	10.3	66%	13.2	18.1	15.5
San Antonio R at Ortiz								
	APR-SEP	6.2	7	7.6	79%	8.3	9.3	9.6
	MAY-SEP	2.5	3.3	3.9	83%	4.6	5.6	4.7
La Jara Ck nr Capulin								
	MAR-JUL	3.5	4.3	4.9	64%	5.6	6.8	7.7
	MAY-JUL	1.4	2.2	2.8	61%	3.5	4.7	4.6
Los Pinos R nr Ortiz								
	APR-SEP	42	48	52	85%	57	64	61
	MAY-SEP	30	36	40	82%	45	52	49

Rio Grande Headwaters	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Ute Ck nr Fort Garland								
	APR-SEP	3.8	5.3	6.4	57%	7.7	9.8	11.3
	MAY-SEP	2.8	4.3	5.4	52%	6.7	8.8	10.4
Rio Grande at Thirty Mile Bridge[2]								
	APR-JUL	76	91	102	92%	113	128	111
	APR-SEP	84	102	115	96%	128	146	120
	MAY-JUL	66	81	92	92%	103	118	100
	MAY-SEP	74	92	105	95%	118	136	110
Saguache Ck nr Saguache								
	APR-SEP	19.5	27	32	114%	38	47	28
	MAY-SEP	16.9	24	29	116%	35	44	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

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)
Captain Tom Wash nr Two Gray Hills								
Rio Blanco at Blanco Diversion [2]								
	APR-JUL	28	33	37	77%	41	49	48
	MAY-JUL	18.4	24	28	67%	32	40	42
Vallecito Reservoir Inflow[2]								
	APR-JUL	116	137	152	90%	168	195	169
	MAY-JUL	89	110	125	84%	141	168	149
Mancos R nr Mancos [2]								
	APR-JUL	6.7	9.4	11.6	73%	14.2	18.7	15.9
	MAY-JUL	3.2	5.9	8.1	77%	10.7	15.2	10.5
San Juan R nr Carracas [2]								
	APR-JUL	171	205	235	70%	265	310	335
	MAY-JUL	112	147	174	62%	205	250	280
Animas R at Durango								
	APR-JUL	215	255	280	75%	310	360	375
	MAY-JUL	181	220	245	74%	275	325	330
Lemon Reservoir Inflow[2]								
	APR-JUL	32	38	42	93%	46	54	45
	MAY-JUL	26	32	36	88%	40	48	41
Piedra R nr Arboles								
	APR-JUL	96	115	130	74%	146	172	175
	MAY-JUL	60	79	94	73%	110	136	128
Navajo R bl Oso Diversion [2]								
	APR-JUL	29	35	40	71%	45	53	56
	MAY-JUL	20	26	31	66%	36	44	47
La Plata R at Hesperus								
	APR-JUL	12.4	14.6	16.2	86%	17.9	21	18.8
	MAY-JUL	8.6	10.8	12.4	83%	14.1	16.9	15
Navajo Reservoir Inflow [2]								
	APR-JUL	315	385	440	70%	500	600	630
	MAY-JUL	193	265	320	67%	380	480	475

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

Zuni	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Zuni R ab Black Rock Reservoir								
Rio Nutria nr Ramah								

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

State of New Mexico	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
				Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast				
Vermejo R nr Dawson								
	MAR-JUN	1.04	1.58	2.1	40%	2.8	4	5.3
	MAY-JUN	0.27	0.81	1.33	35%	2	3.2	3.8
El Vado Reservoir Inflow [2]								
	MAR-JUL	95	114	128	69%	144	169	186
	MAY-JUL	51	70	84	69%	100	125	121
Pecos R nr Pecos								
	MAR-JUL	34	41	46	87%	51	60	53
	MAY-JUL	18.4	25	30	75%	35	44	40
San Juan R nr Carracas [2]								
	APR-JUL	171	205	235	70%	265	310	335
	MAY-JUL	112	147	174	62%	205	250	280
Rio Pueblo de Taos nr Taos								
	MAR-JUL	10.7	12.7	14.2	114%	15.9	18.6	12.5
	MAY-JUL	4.5	6.5	8	80%	9.7	12.4	10
San Francisco R at Glenwood								
Alamosa Ck ab Terrace Reservoir								
	APR-SEP	33	41	46	75%	52	61	61
	MAY-SEP	26	34	39	71%	45	54	55
Tesuque Ck ab diversions								
	MAR-JUL	0.71	0.94	1.13	100%	1.34	1.69	1.13
	MAY-JUL	0.41	0.64	0.83	115%	1.04	1.39	0.72
Culebra Ck at San Luis								
	APR-SEP	5.6	8.7	11.2	67%	14.1	19	16.7
	MAY-SEP	4.7	7.8	10.3	66%	13.2	18.1	15.5
San Francisco R at Clifton								
Santa Fe R nr Santa Fe [2]								
	MAR-JUL	2.7	3.2	3.5	106%	3.9	4.5	3.3
	MAY-JUL	1.14	1.57	1.9	90%	2.3	2.9	2.1
Embudo Ck at Dixon								
	MAR-JUL	34	40	44	138%	49	56	32
	MAY-JUL	20	26	30	136%	35	42	22
Pecos R nr Anton Chico								
	MAR-JUL	32	40	47	89%	55	69	53
	MAY-JUL	12.5	21	28	93%	36	50	30
Rayado Ck nr Cimarron								
	MAR-JUN	2.4	2.9	3.4	67%	4	5.2	5.1
	MAY-JUN	0.24	0.74	1.24	46%	1.84	3	2.7
Costilla Reservoir Inflow[2]								
	MAR-JUL	4	5.1	6	58%	7	8.6	10.3
	MAY-JUL	2.6	3.7	4.6	55%	5.6	7.2	8.4

State of New Mexico (cont.)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Eagle Nest Reservoir Inflow[2]								
	MAR-JUN	1.2	3.2	4.5	67%	5.9	7.8	6.7
	MAY-JUN	-1.1	0.52	1.82	76%	3.2	5.1	2.4
Gila R at Gila								
Costilla Ck nr Costilla [2]								
	MAR-JUL	5.7	7.7	9.4	43%	11.4	14.7	22
	MAY-JUL	2.3	4.3	6	33%	8	11.3	18.1
Rio Grande at Otowi Bridge [2]								
	MAR-JUL	270	320	355	63%	390	455	565
	MAY-JUL	116	162	197	53%	235	300	375
Rio Grande nr Lobatos								
Cimarron R nr Cimarron[2]								
	MAR-JUN	2.1	5.5	7.8	85%	10.1	13.5	9.2
	MAY-JUN	-1.5	1.49	3.8	84%	6.1	9.5	4.5
Captain Tom Wash nr Two Gray Hills								
Platoro Reservoir Inflow [2]								
	APR-JUL	30	36	40	78%	45	52	51
	APR-SEP	32	39	44	77%	49	58	57
	MAY-JUL	25	31	35	71%	40	47	49
	MAY-SEP	27	34	39	72%	44	53	54
Rio Grande at Wagon Wheel Gap[2]								
	APR-SEP	200	235	265	85%	295	340	310
	MAY-SEP	165	200	230	81%	260	305	285
Zuni R ab Black Rock Reservoir								
Animas R at Durango								
	APR-JUL	215	255	280	75%	310	360	375
	MAY-JUL	181	220	245	74%	275	325	330
Rio Ruidoso at Hollywood								
	MAR-JUN	3.7	4.2	4.6	135%	5.1	5.8	3.4
	MAY-JUN	1.08	1.59	2	147%	2.5	3.2	1.36
Lemon Reservoir Inflow[2]								
	APR-JUL	32	38	42	93%	46	54	45
	MAY-JUL	26	32	36	88%	40	48	41
Rio Nutria nr Ramah								
Los Pinos R nr Ortiz								
	APR-SEP	42	48	52	85%	57	64	61
	MAY-SEP	30	36	40	82%	45	52	49
Ponil Ck nr Cimarron								
	MAR-JUN	1.16	1.63	2.1	39%	2.7	3.9	5.4
	MAY-JUN	0.19	0.66	1.14	37%	1.74	2.9	3.1
Rio Blanco at Blanco Diversion [2]								
	APR-JUL	28	33	37	77%	41	49	48
	MAY-JUL	18.4	24	28	67%	32	40	42
Mancos R nr Mancos [2]								
	APR-JUL	6.7	9.4	11.6	73%	14.2	18.7	15.9
	MAY-JUL	3.2	5.9	8.1	77%	10.7	15.2	10.5
Jemez R nr Jemez								
	MAR-JUL	30	34	36	124%	39	44	29
	MAY-JUL	11.7	15.7	17.7	134%	21	26	13.2
SF Rio Grande at South Fork[2]								
	APR-SEP	71	84	93	83%	103	118	112
	MAY-SEP	51	64	73	75%	83	98	97

State of New Mexico (cont.)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Jemez R bl Jemez Canyon Dam								
	MAR-JUL	19.8	24	27	123%	31	37	22
	MAY-JUL	7.3	11.5	14.5	181%	18.5	25	8
Rio Grande at San Marcial [2]								
	MAR-JUL	24	107	163	47%	220	300	345
	MAY-JUL	-63	19.9	76	39%	132	215	195
Pecos R ab Santa Rosa Lk								
	MAR-JUL	22	29	35	85%	42	54	41
	MAY-JUL	8.2	15.1	21	78%	28	40	27
La Plata R at Hesperus								
	APR-JUL	12.4	14.6	16.2	86%	17.9	21	18.8
	MAY-JUL	8.6	10.8	12.4	83%	14.1	16.9	15
Nambe Falls Reservoir Inflow[2]								
	MAR-JUL	3.6	4.3	4.9	88%	5.5	6.5	5.6
	MAY-JUL	2.2	2.9	3.5	85%	4.1	5.1	4.1
Rio Grande at Thirty Mile Bridge[2]								
	APR-JUL	76	91	102	92%	113	128	111
	APR-SEP	84	102	115	96%	128	146	120
	MAY-JUL	66	81	92	92%	103	118	100
	MAY-SEP	74	92	105	95%	118	136	110
Navajo Reservoir Inflow [2]								
	APR-JUL	315	385	440	70%	500	600	630
	MAY-JUL	193	265	320	67%	380	480	475
Saguache Ck nr Saguache								
	APR-SEP	19.5	27	32	114%	38	47	28
	MAY-SEP	16.9	24	29	116%	35	44	25
Rio Lucero nr Arroyo Seco								
	MAR-JUL	4.1	5.2	6.1	60%	7.1	8.6	10.1
	MAY-JUL	2.8	3.9	4.8	57%	5.8	7.3	8.4
Sangre de Cristo Ck [2]								
	APR-SEP	2.3	3.5	4.7	43%	6.2	9.1	10.9
	MAY-SEP	0.5	1.69	2.9	32%	4.4	7.3	9.1
Vallecito Reservoir Inflow[2]								
	APR-JUL	116	137	152	90%	168	195	169
	MAY-JUL	89	110	125	84%	141	168	149
Gila R bl Blue Ck nr Virden								
Red R bl Fish Hatchery nr Questa								
	MAR-JUL	15.2	18.4	21	68%	24	28	31
	MAY-JUL	8.7	11.9	14.3	60%	17	21	24
Rio Hondo nr Valdez								
	MAR-JUL	7.4	9.1	10.5	70%	12	14.4	15.1
	MAY-JUL	4.6	6.3	7.7	60%	9.2	11.6	12.8
Rio Grande nr Del Norte [2]								
	APR-SEP	285	335	375	78%	415	485	480
	MAY-SEP	225	275	315	75%	355	425	420
Trinchera Ck ab Turners Ranch								
	APR-SEP	4	5.5	6.6	64%	7.9	9.9	10.3
	MAY-SEP	3.3	4.8	5.9	63%	7.2	9.2	9.3
Mimbres R at Mimbres[2]								
Conejos R nr Mogote [2]								
	APR-SEP	112	131	145	86%	160	183	168
	MAY-SEP	92	111	125	82%	140	163	152
Gallinas Ck nr Montezuma								
	MAR-JUL	4.9	5.8	6.7	84%	7.7	9.6	8
	MAY-JUL	0.93	1.92	2.8	67%	3.8	5.7	4.2

State of New Mexico (cont.)	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
La Jara Ck nr Capulin								
	MAR-JUL	3.5	4.3	4.9	64%	5.6	6.8	7.7
	MAY-JUL	1.4	2.2	2.8	61%	3.5	4.7	4.6
Rio Pueblo de Taos bl Los Cordovas								
	MAR-JUL	16.9	23	29	138%	35	47	21
	MAY-JUL	7.3	13.6	19.1	138%	25	37	13.8
San Antonio R at Ortiz								
	APR-SEP	6.2	7	7.6	79%	8.3	9.3	9.6
	MAY-SEP	2.5	3.3	3.9	83%	4.6	5.6	4.7
Navajo R bl Oso Diversion [2]								
	APR-JUL	29	35	40	71%	45	53	56
	MAY-JUL	20	26	31	66%	36	44	47
Santa Cruz R at Cundiyo								
	MAR-JUL	12.7	14.6	16.1	97%	17.7	20	16.6
	MAY-JUL	6.5	8.4	9.9	100%	11.5	14.1	9.9
Piedra R nr Arboles								
	APR-JUL	96	115	130	74%	146	172	175
	MAY-JUL	60	79	94	73%	110	136	128
Ute Ck nr Fort Garland								
	APR-SEP	3.8	5.3	6.4	57%	7.7	9.8	11.3
	MAY-SEP	2.8	4.3	5.4	52%	6.7	8.8	10.4

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

RIO GRANDE HEADWATERS
Water Supply Forecasts
May 1, 2024

RIO CHAMA-UPPER RIO GRANDE
Water Supply Forecasts
May 1, 2024

Forecast Exceedance Probabilities

< - - - - - - Drier - - - - - - - Future Conditions - - - - - - - Wetter - - - - - - >

Labels on chart represent volumes of water expressed in thousand acre-feet.

Forecast Point	Forecast Period	95%/90%	70%	50%	30%	10%/5%	(Min Year)
Costilla Ck bl Costilla Dam	May-Jul	2.6	3.7	**4.6**	5.6	7.2	(2002)
	Mar-Jul	4	5.1	**6**	7	8.6	(1963)
Costilla Ck nr Costilla	May-Jul	2.3	4.3	**6**	8	11	(2002)
	Mar-Jul	5.7	7.7	**9.4**	11	15	(2002)
Red R bl Fish Hatchery nr Questa	May-Jul	8.7	12	**14**	17	21	(2002)
	Mar-Jul	15	18	**21**	24	28	(2002)
Rio Hondo nr Valdez	May-Jul	4.6	6.3	**7.7**	9.2	12	(2002)
	Mar-Jul	7.4	9.1	**11**	12	14	(2002)
Rio Pueblo De Taos nr Taos	May-Jul	4.5	6.5	**8**	9.7	12	(2002)
	Mar-Jul	11	13	**14**	16	19	(2002)
Rio Lucero nr Arroyo Seco	May-Jul	2.8	3.9	**4.8**	5.8	7.3	(2002)
	Mar-Jul	4.1	5.2	**6.1**	7.1	8.6	(2002)
Rio Pueblo De Taos bl Los Cordovas	May-Jul	7.3	14	**19**	25	37	(2002)
	Mar-Jul	17	23	**29**	35	47	(2002)
Embudo Ck at Dixon	May-Jul	20	26	**30**	35	42	(2018)
	Mar-Jul	34	40	**44**	49	56	(2002)
Rio Chama bl El Vado Dam	May-Jul	51	70	**84**	100	125	(2002)
	Mar-Jul	95	114	**128**	144	169	(2002)
Santa Cruz R at Cundiyo	May-Jul	6.5	8.4	**9.9**	12	14	(2018)
	Mar-Jul	13	15	**16**	18	20	(2018)
Rio Nambe bl Nambe Falls Dam nr Nambe	May-Jul	2.2	2.9	**3.5**	4.1	5.1	(2002)
	Mar-Jul	3.6	4.3	**4.9**	5.5	6.5	(2002)
Tesuque Ck ab Diversions	May-Jul	0.41	0.64	**0.83**	1	1.4	(2002)
	Mar-Jul	0.71	0.94	**1.1**	1.3	1.7	(2006)
Rio Grande at Otowi Bridge	May-Jul	116	162	**197**	235	300	(2002)
	Mar-Jul	270	320	**355**	390	455	(2002)

Percent of Median (1991-2020): 0% 20% 40% 60% 80% 100% 120% 140% 160% 180% 200% 220% 240% 260% 280%

Legend

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

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

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

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

LOWER RIO GRANDE
Water Supply Forecasts
May 1, 2024

Forecast Exceedance Probabilities

< - - - - - - Drier - - - - - - -   Future Conditions   - - - - - - - Wetter - - - - - - >

Labels on chart represent volumes of water expressed in thousand acre-feet.

Forecast Point	Forecast Period	
Santa Fe R nr Santa Fe	May-Jul	1.1 1.6 **1.9** 2.3 2.9 *(2002)*
	Mar-Jul	2.7 3.2 **3.5** 3.9 4.5 *(2002)*
Jemez R nr Jemez	May-Jul	12 16 **18** 21 26 *(2018)*
	Mar-Jul	30 34 **36** 39 44 *(2018)*
Jemez R bl Jemez Canyon Dam	May-Jul	7.3 12 **15** 19 25 *(1972)*
	Mar-Jul	20 24 **27** 31 37 *(2002)*
Rio Grande at San Marcial	May-Jul	-63 20 **76** 132 215 *(2002)*
	Mar-Jul	24 107 **163** 220 300 *(2002)*

Percent of Median (1991-2020)

0% 50% 100% 150% 200% 250% 300% 350%

Legend

95% or 90% Exceedance	70% Exceedance	**50% Exceedance**	30% Exceedance	10% or 5% Exceedance
There is a 95%/90% chance that flows will exceed this volume	There is a 70% chance that flows will exceed this volume	There is a 50% chance that flows will exceed this volume	There is a 30% chance that flows will exceed this volume	There is a 10%/5% chance that flows will exceed this volume
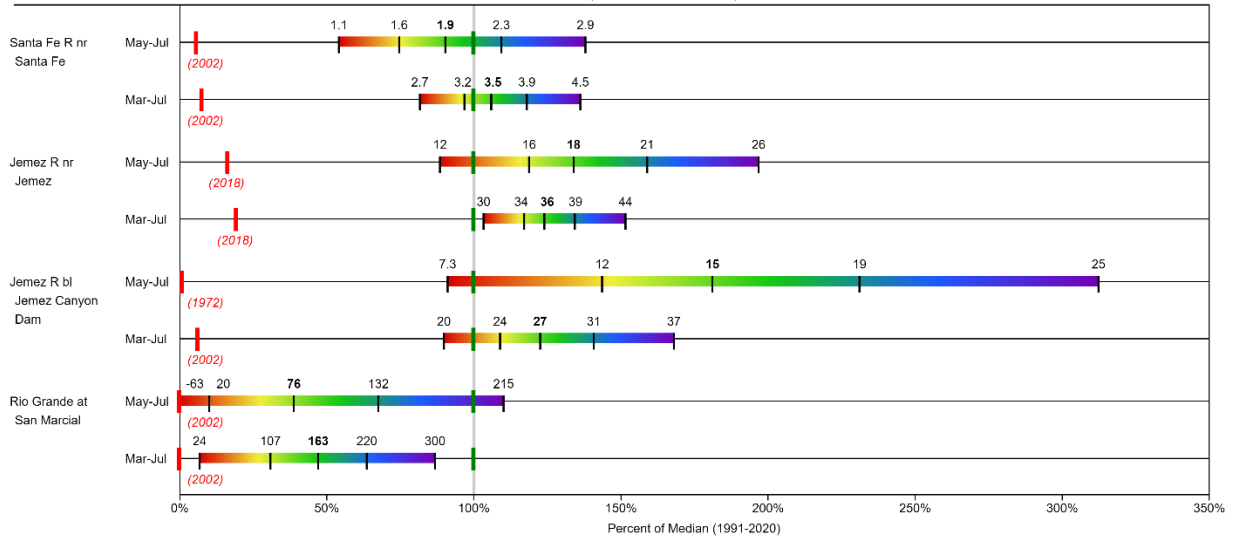
When selected, the following historic streamflow values and statistics will be shown.

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

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

CANADIAN
Water Supply Forecasts
May 1, 2024

Forecast Exceedance Probabilities

< - - - - - - Drier - - - - - - -   Future Conditions   - - - - - - - Wetter - - - - - - >
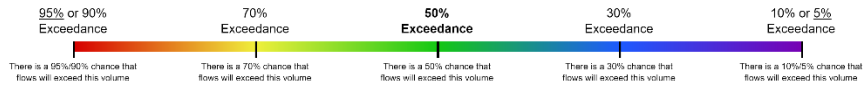
Labels on chart represent volumes of water expressed in thousand acre-feet.

Forecast Point	Forecast Period				
Vermejo R nr Dawson	Mar-Jun 100 obs. (2002)	1 1.6 **2.1** 2.8 4			
	May-Jun 101 obs. (2002)	0.27 0.81 **1.3** 2 3.2			
Cimarron R bl Eagle Nest Dam	Mar-Jun 63 obs. (2002)	1.2 3.2 **4.5** 5.9 7.8			
	May-Jun 63 obs. (2002)	-1.1 0.52 **1.8** 3.2 5.1			
Cimarron R nr Cimarron	Mar-Jun 63 obs. (2002)	2.1 5.5 **7.8** 10 14			
	May-Jun 63 obs. (2013)	-1.5 1.5 **3.8** 6.1 9.5			
Ponil Ck nr Cimarron	Mar-Jun 73 obs. (2013)	1.2 1.6 **2.1** 2.7 3.9			
	May-Jun 73 obs. (2018)	0.19 0.66 **1.1** 1.7 2.9			
Rayado Ck nr Cimarron	Mar-Jun 98 obs. (2013)	2.4 2.9 **3.4** 4 5.2			
	May-Jun 98 obs. (2013)	0.24 0.74 **1.2** 1.8 3			

0%   20%   40%   60%   80%   100%   120%   140%   160%   180%   200%   220%

Percent of Median (1991-2020)

Legend

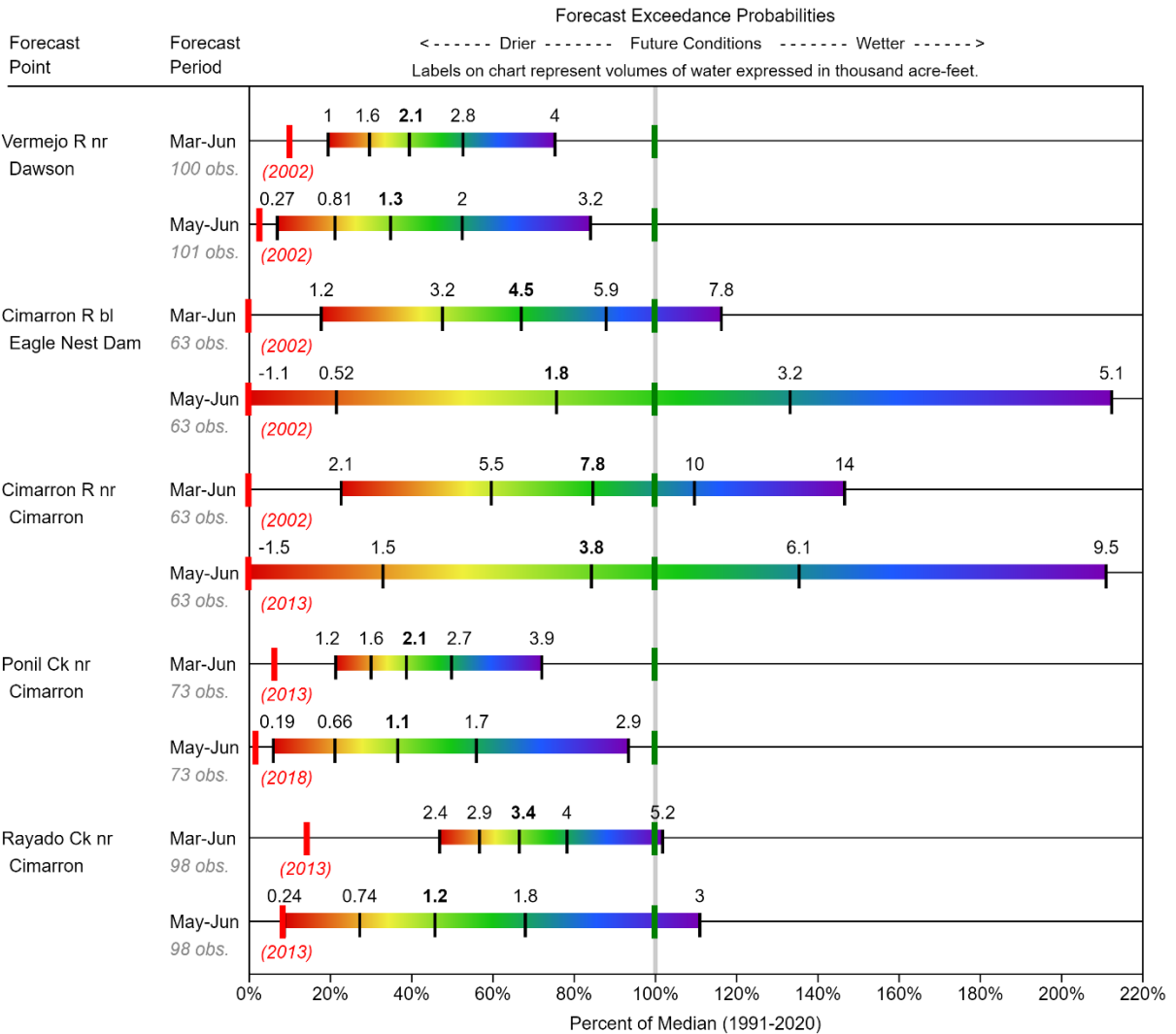| 95% or 90% Exceedance	70% Exceedance	**50% Exceedance**	30% Exceedance	10% or 5% Exceedance
There is a 95%/90% chance that flows will exceed this volume	There is a 70% chance that flows will exceed this volume	There is a 50% chance that flows will exceed this volume	There is a 30% chance that flows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

When selected, the following historic streamflow values and statistics will be shown.
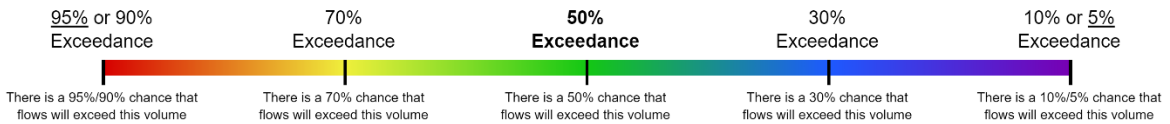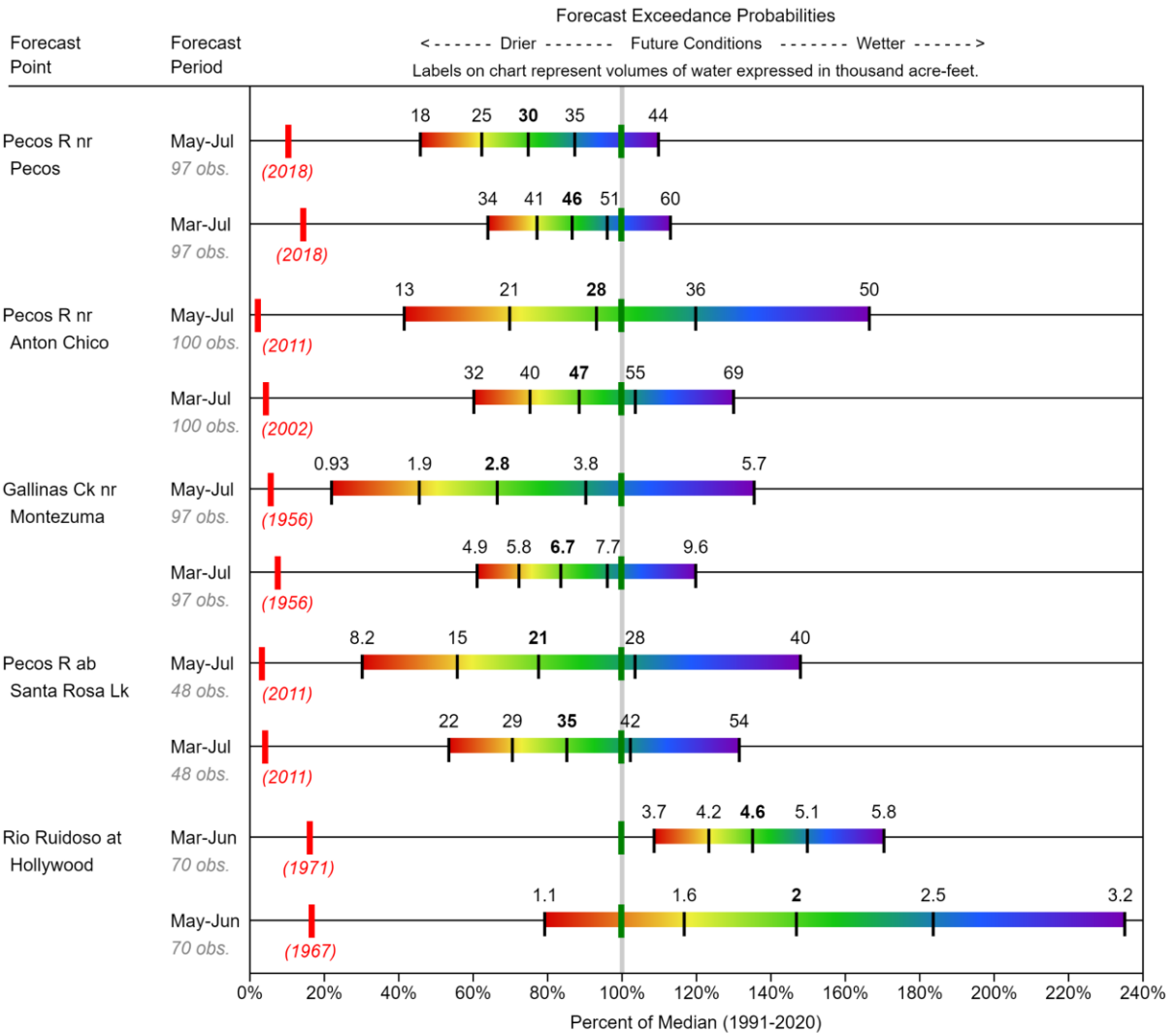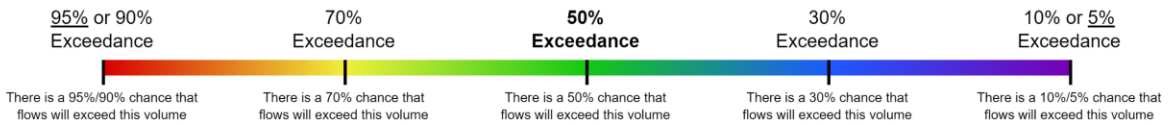
Period of Record Minimum Streamflow KAF (Year)	*1991-2020 Normal Streamflow KAF*	*Observed Streamflow KAF*	*Period of Record Maximum Streamflow KAF (Year)*

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

PECOS
Water Supply Forecasts
May 1, 2024

Forecast Exceedance Probabilities

< - - - - - - Drier - - - - - - - Future Conditions - - - - - - - Wetter - - - - - - >

Labels on chart represent volumes of water expressed in thousand acre-feet.

Forecast Point	Forecast Period					
Pecos R nr Pecos	May-Jul *97 obs.* *(2018)*	18	25	**30**	35	44
	Mar-Jul *97 obs.* *(2018)*	34	41	**46**	51	60
Pecos R nr Anton Chico	May-Jul *100 obs.* *(2011)*	13	21	**28**	36	50
	Mar-Jul *100 obs.* *(2002)*	32	40	**47**	55	69
Gallinas Ck nr Montezuma	May-Jul *97 obs.* *(1956)*	0.93	1.9	**2.8**	3.8	5.7
	Mar-Jul *97 obs.* *(1956)*	4.9	5.8	**6.7** 7.7		9.6
Pecos R ab Santa Rosa Lk	May-Jul *48 obs.* *(2011)*	8.2	15	**21**	28	40
	Mar-Jul *48 obs.* *(2011)*	22	29	**35** 42		54
Rio Ruidoso at Hollywood	Mar-Jun *70 obs.* *(1971)*	3.7	4.2	**4.6**	5.1	5.8
	May-Jun *70 obs.* *(1967)*	1.1	1.6	**2**	2.5	3.2

0% 20% 40% 60% 80% 100% 120% 140% 160% 180% 200% 220% 240%

Percent of Median (1991-2020)

Legend

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

When selected, the following historic streamflow values and statistics will be shown.
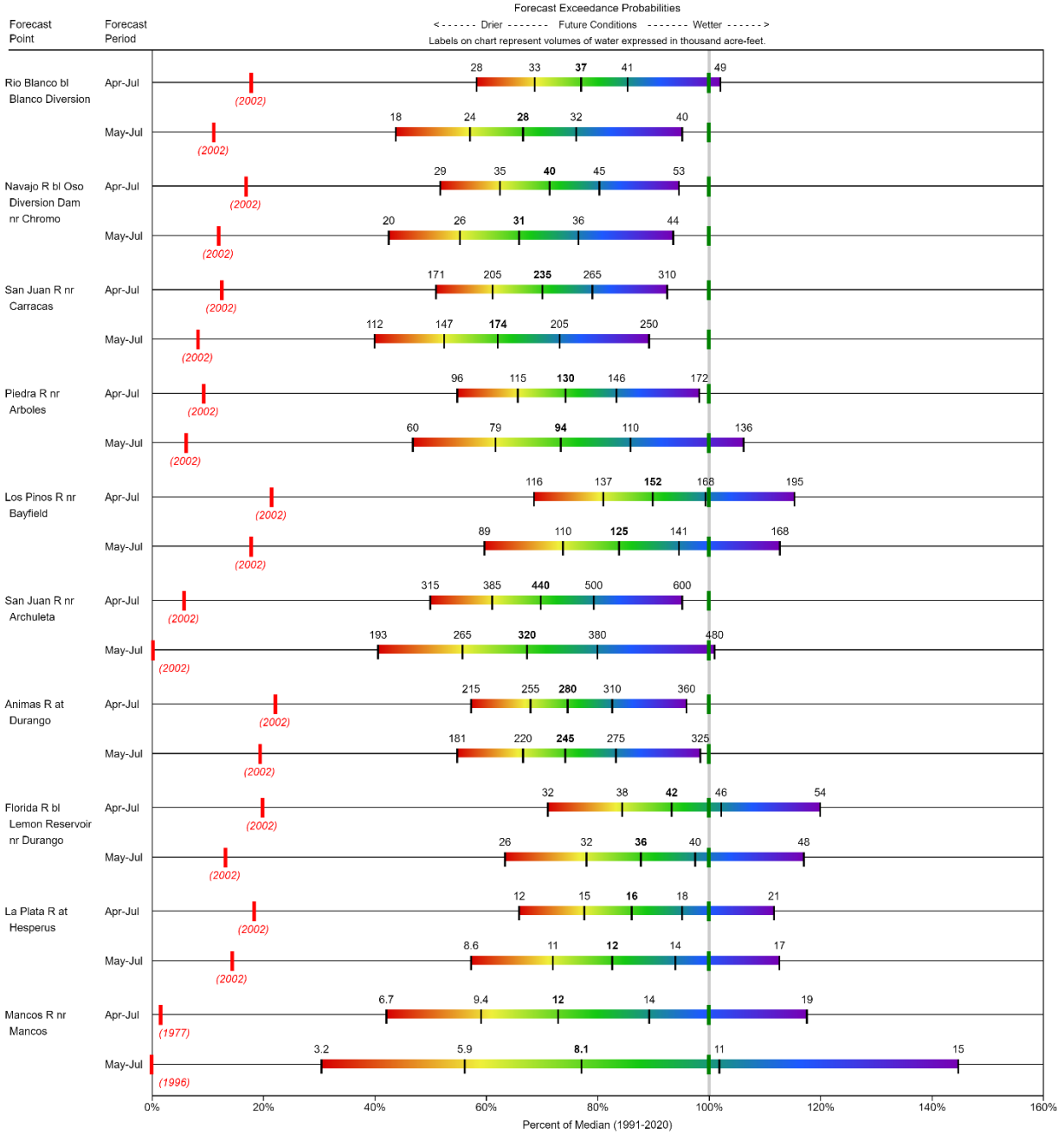
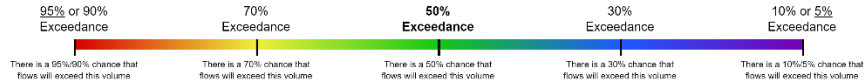| *Period of Record Minimum Streamflow KAF (Year)*	*1991-2020 Normal Streamflow KAF*	*Observed Streamflow KAF*	*Period of Record Maximum Streamflow KAF (Year)*

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

SAN JUAN
Water Supply Forecasts
May 1, 2024

Forecast Exceedance Probabilities
< - - - - - - Drier - - - - - - - Future Conditions - - - - - - - Wetter - - - - - - >
Labels on chart represent volumes of water expressed in thousand acre-feet.

Forecast Point	Forecast Period					
Rio Blanco bl Blanco Diversion	Apr-Jul	28	33	**37**	41	49
(2002)						
	May-Jul	18	24	**28**	32	40
(2002)						
Navajo R bl Oso Diversion Dam nr Chromo	Apr-Jul	29	35	**40**	45	53
(2002)						
	May-Jul	20	26	**31**	36	44
(2002)						
San Juan R nr Carracas	Apr-Jul	171	205	**235**	265	310
(2002)						
	May-Jul	112	147	**174**	205	250
(2002)						
Piedra R nr Arboles	Apr-Jul	96	115	**130**	146	172
(2002)						
	May-Jul	60	79	**94**	110	136
(2002)						
Los Pinos R nr Bayfield	Apr-Jul	116	137	**152**	168	195
(2002)						
	May-Jul	89	110	**125**	141	168
(2002)						
San Juan R nr Archuleta	Apr-Jul	315	385	**440**	500	600
(2002)						
	May-Jul	193	265	**320**	380	480
(2002)						
Animas R at Durango	Apr-Jul	215	255	**280**	310	360
(2002)						
	May-Jul	181	220	**245**	275	325
(2002)						
Florida R bl Lemon Reservoir nr Durango	Apr-Jul	32	38	**42**	46	54
(2002)						
	May-Jul	26	32	**36**	40	48
(2002)						
La Plata R at Hesperus	Apr-Jul	12	15	**16**	18	21
(2002)						
	May-Jul	8.6	11	**12**	14	17
(2002)						
Mancos R nr Mancos	Apr-Jul	6.7	9.4	**12**	14	19
(1977)						
	May-Jul	3.2	5.9	**8.1**	11	15
(1996)						

Percent of Median (1991-2020)
0% 20% 40% 60% 80% 100% 120% 140% 160%

Legend

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

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

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

NEW MEXICO WATER SUPPLY OUTLOOK REPORT

Natural Resources Conservation Service

Albuquerque, New Mexico

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