

New Mexico  
Basin Outlook Report  
May 1, 2022



Logan Peterson, Soil Scientist, performs ground truthing measurements at Taos Powderhorn SNOTEL.  
Note the evident dust layer on the snow surface.

April 28, 2022: Aaron Miller, NRCS

# Basin Outlook Reports

## and

### Federal - State - Private Cooperative Snow Surveys

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<http://www.nrcs.usda.gov/wps/portal/nrcs/main/nm/snow/>

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#### *How forecasts are made*

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent (SWE) at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation climatic patterns 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 streamflow forecasts are for flows that would occur naturally without any upstream influences such as reservoirs or other impoundments.

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 increased confidence is reflected by a narrowing of the range of values 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 most easily determine the chances of receiving more or less water than the given value.

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## Summary

This is the final Basin Outlook Report for New Mexico during Water Year 2022. The next expected forecast summary from the NRCS will be distributed in January 2023. Spring runoff and in the Mountain West is results from water stored in high elevation snow. Many climatic factors have compounded to result in a less optimistic water availability forecast than was projected in early April. Some of these factors include high temperatures, minimal precipitation accumulation, widespread dust transport reducing snow surface albedo and accelerating melt, increased evaporation driven by low humidity and high winds. With low April snowfall and minimal rain in lower elevations, strong runoff in April is likely a sign of decreased water availability in the coming forecast period. Throughout New Mexico and the contributing headwater basins in southern Colorado, Snow Water Equivalent values lag far below the long-term median. Cumulative water year precipitation, however, represents a larger percent of the reference period median than values observed for the snowpack alone. While storage reservoirs are managed by other administrative entities, this report routinely offers comments on volumes recorded in each forecast basin as an additional source of information available to water users. April saw gains in reservoir storage as compared to values reported for the end of March as compared to the long-term median storage volumes reported by our data contributors. As is typical for this time of year in the southern latitudes, many basins provided minimal input data for forecasting, and these areas have been excluded from the resulting comparison charts.



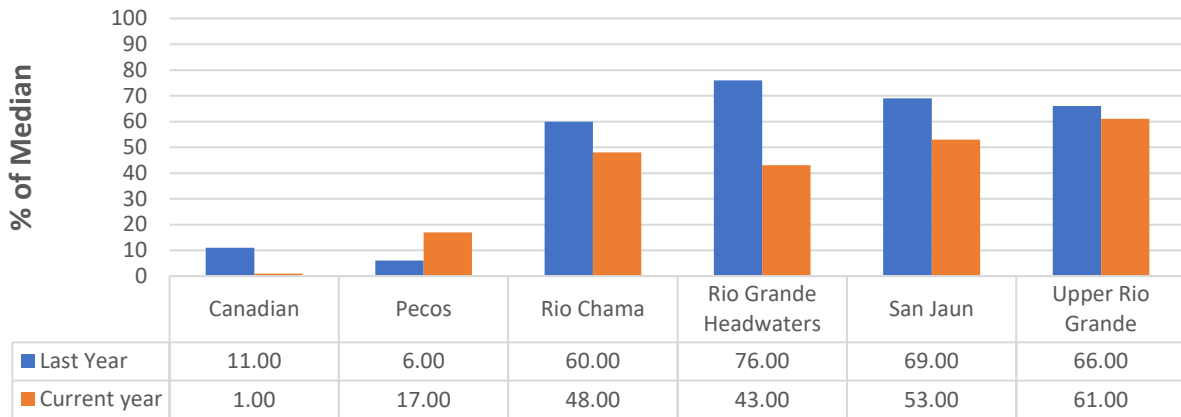


Logan Peterson, Soil Scientist, ascends a slope at Taos Ski Valley in the Sangre de Cristo Mountains. April 28, 2022: Aaron Miller, NRCS

## **Snowpack**

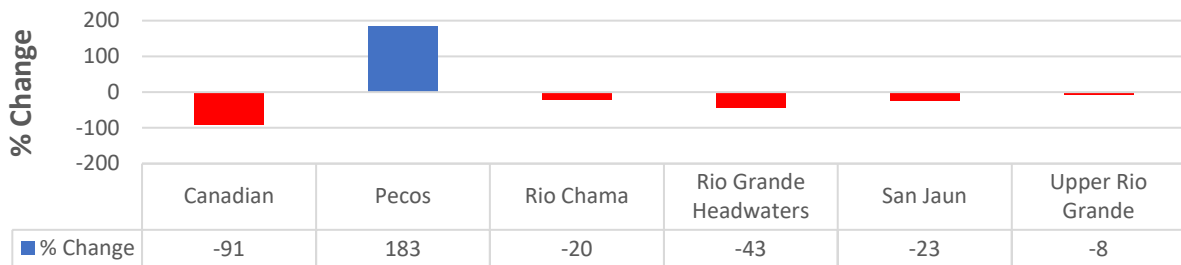
Snowpack levels in basins still holding measurable snow ranged from a high of 61 percent of median in the Upper Rio Grande Basin to low of 1 percent in the Canadian Basin. A majority of New Mexico Basins carried no snow at survey sites upon which to draw comparisons. The remaining basins within the state showed Snow Water Equivalent values falling below the period of record median. The Pecos River Basin held more water in the snowpack than at this time in 2021, while the remaining snow-holding basins show lower SWE values than those measured last year. Rapid snowmelt was observed across the state, coupled with minimal accumulation. These conditions, coupled with widespread dust at the snow surface has resulted well below normal snowpack for May 1<sup>st</sup> when compared to the long-term period of reference. A lack of snow forecast-relevant sites in the majority of forecast basins made statistical change comparisons in these areas impossible, as was the case at this date in 2021. Referencing snowpack data alone, it is hard to see an optimistic water outlook for the coming months, although these inputs are only one part of the total water supply picture in New Mexico.

### Snow Water Equivalent Comparisons, May 2021 and May 2022\*



\*No values observed for the remaining New Mexico Basins due to lack of snow during the periods of reference.

### % Change in SWE End of April 2021 vs 2022\*

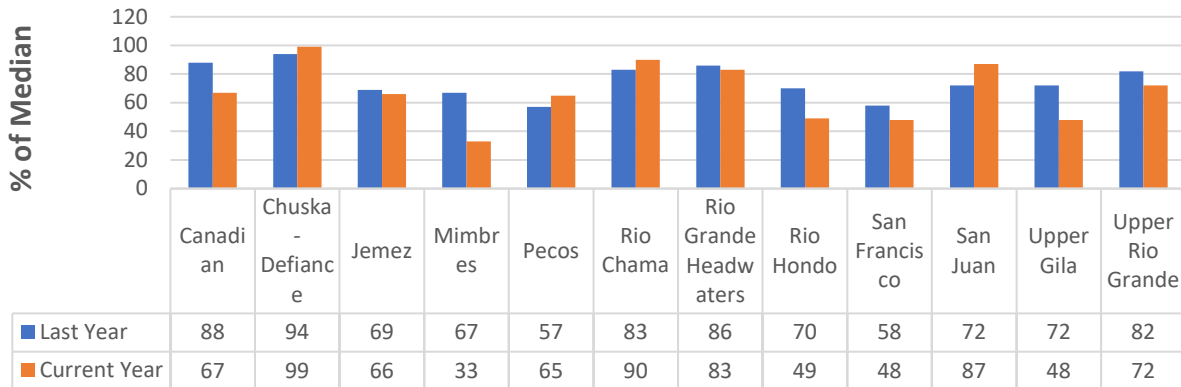


\*Percent change was not calculated for the remaining New Mexico Basins due to the lack of snow during the periods of reference.

## Precipitation

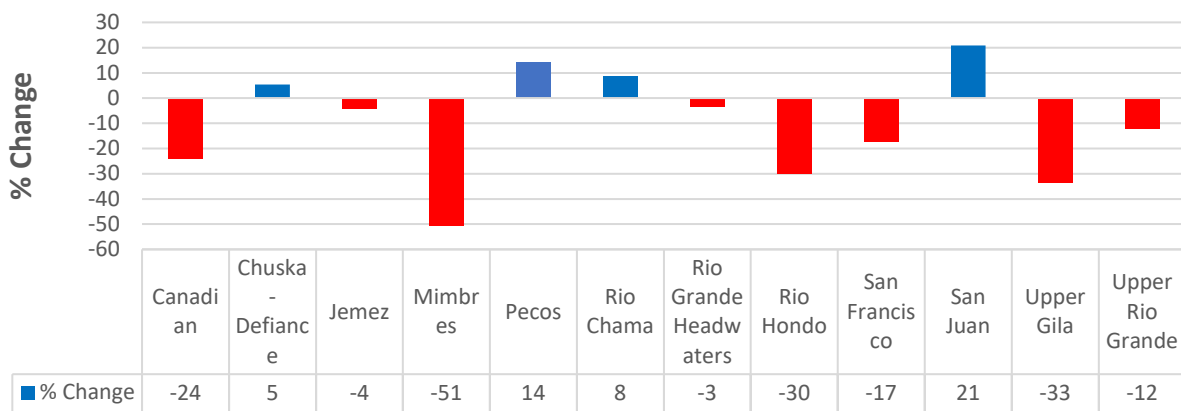
Cumulative precipitation as a percent of median has declined since last month for all forecast basins, reflecting the drier than normal April generally observed at all elevations. Precipitation totals are well below the long-term median for all but the Chuska-Defiance basin, indicating the influence of relatively higher rainfall since October 2021 when compared to measured snowfall as a percent of the total precipitation in the west-northwest part of the state. The Chuska-Defiance, Pecos, Rio Chama, and San Juan Basins have received more total water-year-to-date precipitation than was seen last year, while the remaining basins fallen behind last year's totals. The precipitation observed across New Mexico as both rain and snow present a slightly more optimistic outlook than can be drawn from snow water storage alone.

## Water Year-to-Date Precipitation, May 2022 vs May 2021



*Median values are not available for the Zuni-Bluewater basin.*

## Precipitation % Change End of April 2021 vs 2022

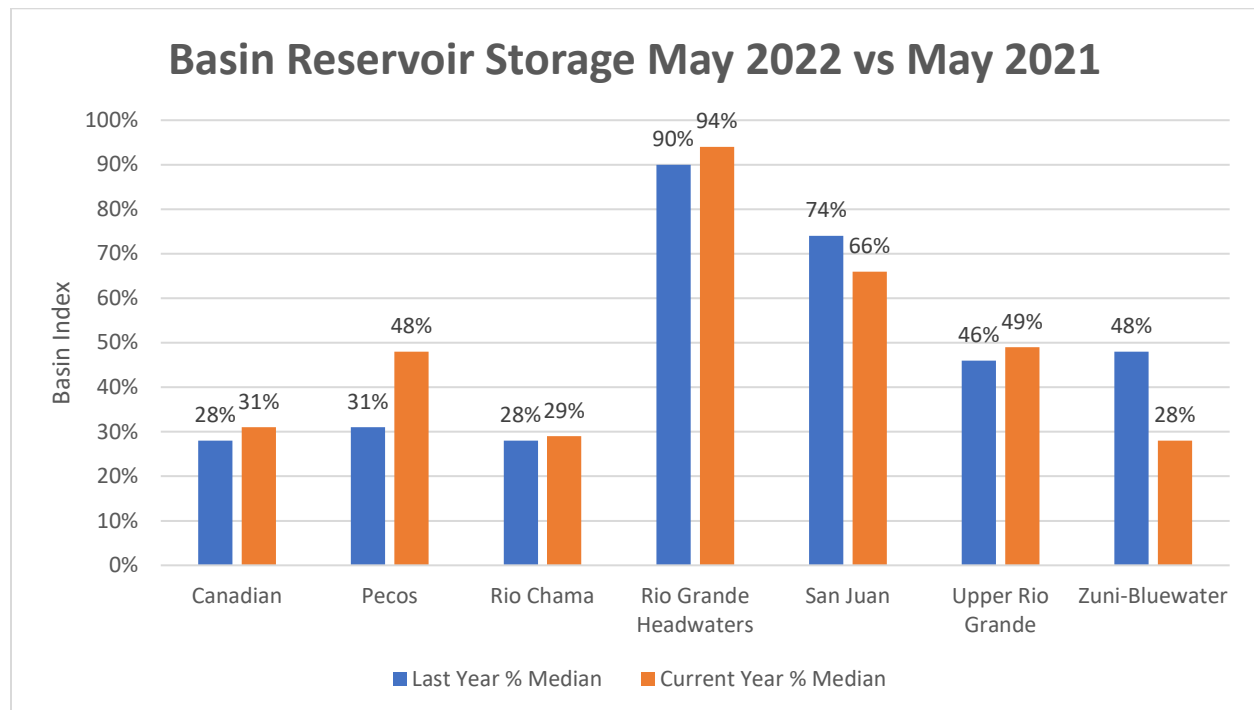


## Reservoirs

Total reservoir storage is reported at 1,665,285 acre-feet as compared to 1,737,748 at this date last year. The period of record median storage on May 1<sup>st</sup> across all reservoirs in the state is 3,074,680 acre-feet, which puts April 2022 volumes at roughly 54% of the long-term normal, representing 19% of available storage used. Water users affected by storage in the Rio Chama Basin are advised to consult managing agencies to determine the effects of planned redistribution of storage throughout the basin to accommodate planned maintenance work at El Vado Reservoir. In the Upper Canadian Basin, forecasters expect Eagle Nest Lake evaporation to be about equal to the inflow at the 50% exceedance probability, which translates into a net volume

amount of zero. If it remains dry and warm as seen throughout April, more water will be lost to evaporation, resulting in a net negative at this site. Significant precipitation will be needed to overcome the current statewide water storage deficit. Water-users should continue to monitor weather conditions and reservoir levels to evaluate their water needs as the irrigation season progresses.

| Basinwide Summary: May 1, 2022<br>(Medians based on 1991-2020 reference period) | Reservoir Storage Summary for the End of April 2022 |                      |                   |                  |                    |
|---|---|----------------------|-------------------|------------------|--------------------|
|   | Current % Capacity                                  | Last Year % Capacity | Median % Capacity | Current % Median | Last Year % Median |
| Canadian  | 16%   | 15%                  | 52%               | 31%              | 28%                |
| Pecos   | 4%  | 2%                   | 7%                | 48%              | 31%                |
| Rio Chama   | 9%  | 8%                   | 30%               | 29%              | 28%                |
| Rio Grande Headwaters   | 26%   | 25%                  | 28%               | 94%              | 90%                |
| San Juan  | 53%   | 60%                  | 81%               | 66%              | 74%                |
| Upper Rio Grande  | 11%   | 10%                  | 22%               | 49%              | 46%                |
| Zuni-Bluewater  | 4%  | 8%                   | 16%               | 28%              | 48%                |



## Streamflow

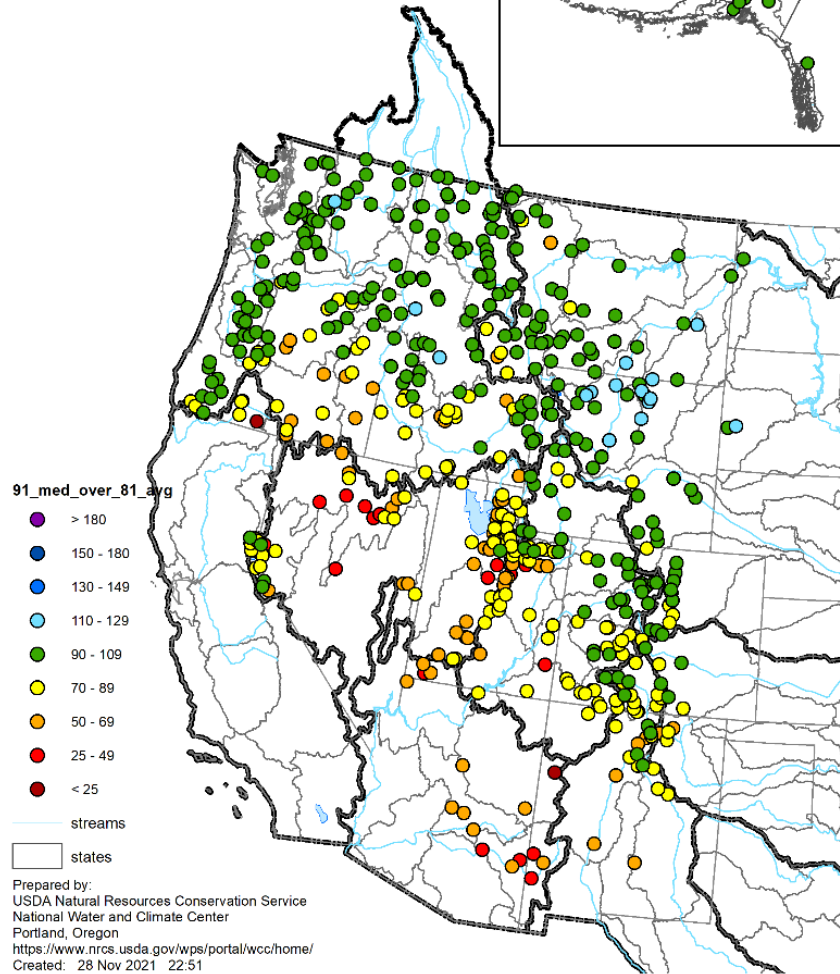
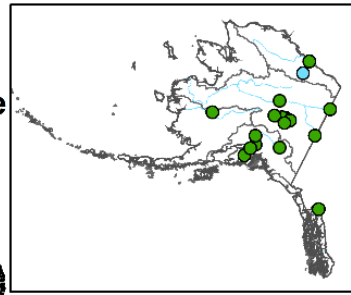
Rapid snowmelt throughout April, shown by very low or nonexistent remaining Snow Water Equivalent values across New Mexico and contributing catchments has resulted in more conservative May 1<sup>st</sup> streamflow forecasts than those provided in the April 1<sup>st</sup> report NRCS has updated the seasonal streamflow normals to the Water Year 1991-2020 reference period and redeveloped statistical models using this same calibration period. NRCS is now also using the median as the preferred measure of central tendency for reporting. The general results of these updates show streamflow normals have changed, with decreases when compared to calculations used for the last decade most common, particularly in more arid areas. Please use this [online tool](#)<sup>1</sup> to investigate related changes for specific forecast points, keeping in mind that 100% of normal may not refer to the same values used in reports published last year and prior. The map below shows an overview of how this change in reference period and comparison statistic impacts different forecast points and regions.

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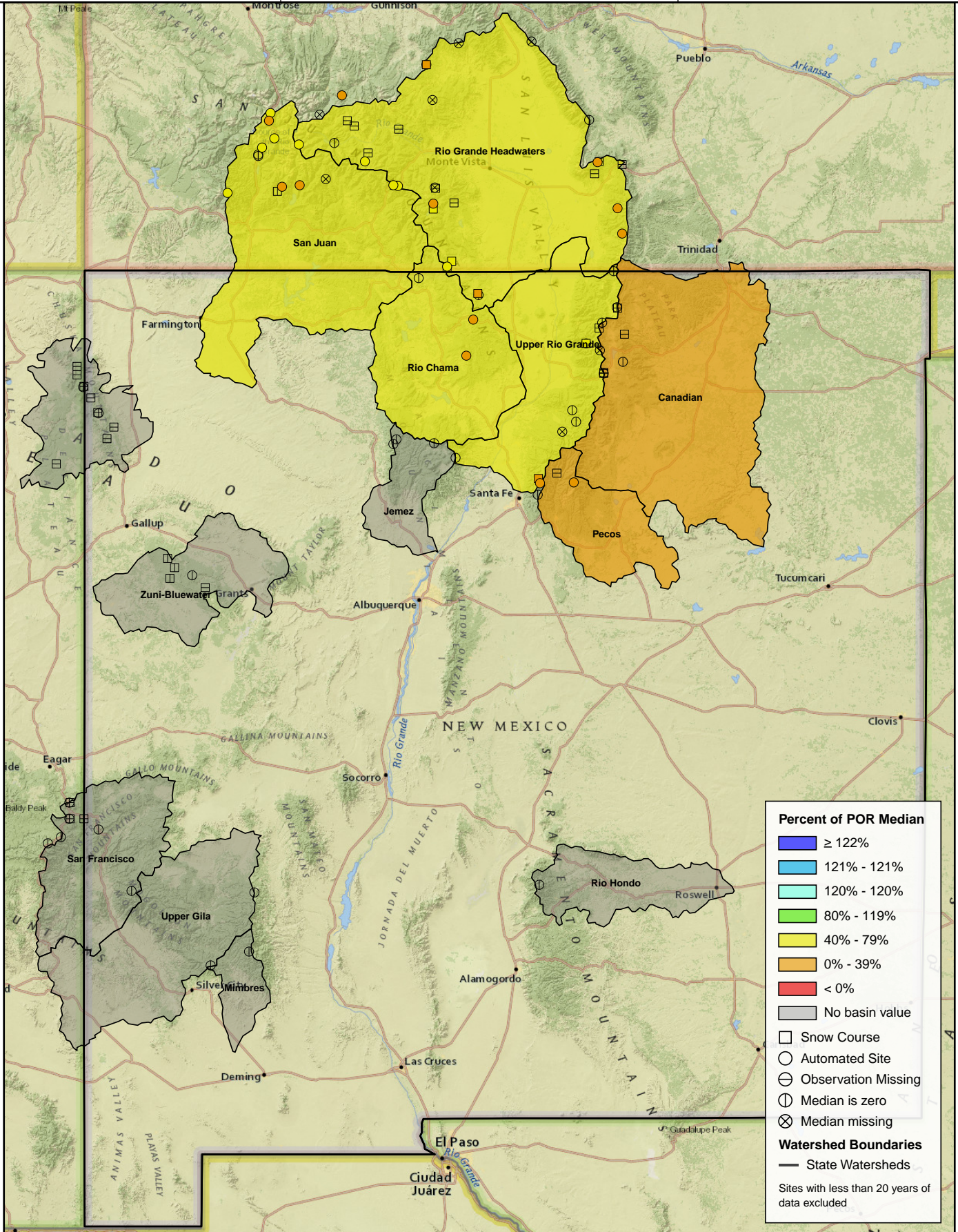
<sup>1</sup> [https://www.wcc.nrcs.usda.gov/ftpref/support/srvo\\_norms\\_comps/](https://www.wcc.nrcs.usda.gov/ftpref/support/srvo_norms_comps/)



# Seasonal Streamflow: 1991-2020 Median as Percent of 1981-2010 Average







**Basinwide Summary: May 1, 2022**  
**(Medians based On 1991-2020 reference period)**

|                                  |
|----------------------------------|
| Snowpack Summary For May 1, 2022 |
|----------------------------------|

| 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  | 10600          | 0          | 0.0      | 0.8         | 0%       | 0.0                | 0%                 |
| Palo                   | SNOTEL  | 9350           | 1          | 0.1      | 0.0         |          | 0.0                |                    |
| Palo                   | SC      | 9300           |            |          |             |          |                    |                    |
| Red River Pass #2      | SNOTEL  | 9850           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Shuree                 | SNOTEL  | 10100          | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Shuree                 | SC      | 10097          |            |          |             |          |                    |                    |
| Taos Canyon            | SC      | 9100           |            |          |             |          |                    |                    |
| Tolby                  | SNOTEL  | 10180          | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Wesner Springs         | SNOTEL  | 11120          | 0          | 0.0      | 7.9         | 0%       | 1.0                | 13%                |
| <b>Basin Index</b>     |         |                |            |          |             |          | <b>1%</b>          | <b>11%</b>         |
| # of sites             |         |                |            |          |             |          | 6                  | 6                  |
| <b>Chuska-Defiance</b> | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
| Beaver Spring          | SNOTEL  | 9200           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Beaver Spring          | SC      | 9220           |            |          |             |          |                    |                    |
| Bowl Canyon            | SC      | 8980           |            |          |             |          |                    |                    |
| Fluted Rock            | SC      | 7800           |            |          |             |          |                    |                    |
| Hidden Valley          | SC      | 8480           |            |          |             |          |                    |                    |
| Missionary Spring      | SC      | 7940           |            |          |             |          |                    |                    |
| Navajo Whiskey Ck      | SNOTEL  | 9050           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Tsaile Canyon #1       | SC      | 8160           |            |          |             |          |                    |                    |
| Tsaile Canyon #3       | SC      | 8920           |            |          |             |          |                    |                    |
| Whiskey Creek          | SC      | 9050           |            |          |             |          |                    |                    |
| <b>Basin Index</b>     |         |                |            |          |             |          |                    |                    |
| # of sites             |         |                |            |          |             |          | 2                  | 2                  |
| <b>Jemez</b>           | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
| Garita Peak            | SNOTEL  | 10160          | 0          | 0.0      |             |          | 0.0                |                    |
| Quemazon               | SNOTEL  | 9500           | 5          | 0.0      | 0.0         |          | 0.0                |                    |
| Senorita Divide #2     | SNOTEL  | 8600           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Vacas Locas            | SNOTEL  | 9306           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| <b>Basin Index</b>     |         |                |            |          |             |          |                    |                    |
| # of sites             |         |                |            |          |             |          | 3                  | 3                  |
| <b>Mimbres</b>         | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
| Mcknight Cabin         | SNOTEL  | 9240           | 1          | 0.0      | 0.0         |          | 0.0                |                    |
| Signal Peak            | SNOTEL  | 8360           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| <b>Basin Index</b>     |         |                |            |          |             |          |                    |                    |
| # of sites             |         |                |            |          |             |          | 2                  | 2                  |
| <b>Pecos</b>           | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
| Elk Cabin              | SNOTEL  | 8210           | 2          | 0.0      | 0.0         |          | 0.0                |                    |
| PanchueLa              | SC      | 8400           |            |          |             |          |                    |                    |
| Rio En Medio           | SC      | 10300          | 0          | 0.0      | 1.8         | 0%       | 0.0                | 0%                 |
| Santa Fe               | SNOTEL  | 11445          | 9          | 4.0      | 13.8        | 29%      | 0.5                | 4%                 |
| Wesner Springs         | SNOTEL  | 11120          | 0          | 0.0      | 7.9         | 0%       | 1.0                | 13%                |



| <b>Basin Index</b>           |         |                |            |          |             | <b>17%</b> |                    | <b>6%</b>          |  |
|------------------------------|---------|----------------|------------|----------|-------------|------------|--------------------|--------------------|--|
| # of sites                   |         |                |            |          |             | 4          |                    | 4                  |  |
| <b>Rio Chama</b>             | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median   | Last Year SWE (in) | Last Year % Median |  |
| Bateman                      | SNOTEL  | 9300           | 0          | 0.0      | 0.4         | 0%         | 0.0                | 0%                 |  |
| Chamita                      | SNOTEL  | 8400           | 0          | 0.0      | 0.0         |            | 0.0                |                    |  |
| Cumbres Pass                 | SC      | 10020          |            |          |             |            |                    |                    |  |
| Cumbres Trestle              | SNOTEL  | 10040          | 18         | 15.0     | 19.6        | 77%        | 13.5               | 69%                |  |
| Garita Peak                  | SNOTEL  | 10160          | 0          | 0.0      |             |            | 0.0                |                    |  |
| Hopewell                     | SNOTEL  | 10000          | 0          | 0.2      | 11.5        | 2%         | 5.4                | 47%                |  |
| <b>Basin Index</b>           |         |                |            |          |             | <b>48%</b> |                    | <b>60%</b>         |  |
| # of sites                   |         |                |            |          |             | 4          |                    | 4                  |  |
| <b>Rio Grande Headwaters</b> | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median   | Last Year SWE (in) | Last Year % Median |  |
| Beartown                     | SNOTEL  | 11600          | 17         | 9.9      | 18.4        | 54%        | 14.5               | 79%                |  |
| Brown Cabin                  | SC      | 9600           |            |          | 0.8         |            | 0.2                | 25%                |  |
| Cochetopa Pass               | SNOTEL  | 10020          | 1          | 0.2      | 0.0         |            | 0.1                |                    |  |
| Cochetopa Pass               | SC      | 10000          | 0          | 0.0      | 2.8         | 0%         | 1.0                | 36%                |  |
| Culebra #2                   | SNOTEL  | 10500          | 0          | 0.2      | 7.2         | 3%         | 6.1                | 85%                |  |
| Cumbres Pass                 | SC      | 10020          |            |          |             |            |                    |                    |  |
| Cumbres Trestle              | SNOTEL  | 10040          | 18         | 15.0     | 19.6        | 77%        | 13.5               | 69%                |  |
| Grayback                     | SNOTEL  | 11620          | 2          | 0.2      |             |            | 1.2                |                    |  |
| Grayback                     | SC      | 11600          |            |          | 13.6        |            | 12.2               | 90%                |  |
| Hayden Pass                  | SNOTEL  | 10720          | 3          | 1.4      | 13.3        | 11%        | 10.8               | 81%                |  |
| La Veta Pass                 | SC      | 9440           |            |          | 0.9         |            | 0.0                | 0%                 |  |
| Lily Pond                    | SNOTEL  | 11000          | 0          | 0.2      | 8.4         | 2%         | 2.4                | 29%                |  |
| Love Lake                    | SC      | 10000          |            |          | 1.8         |            | 0.0                | 0%                 |  |
| Medano Pass                  | SNOTEL  | 9649           | 0          | 0.2      | 0.0         |            | 0.0                |                    |  |
| Middle Creek                 | SNOTEL  | 11250          | 16         | 8.3      | 17.2        | 48%        | 16.5               | 96%                |  |
| Moon Pass                    | SNOTEL  | 11140          | 0          | 0.1      | 1.2         | 8%         | 3.7                | 308%               |  |
| North Costilla               | SNOTEL  | 10600          | 0          | 0.0      | 0.8         | 0%         | 0.0                | 0%                 |  |
| Pinos Mill                   | SC      | 10000          | 26         | 12.1     | 18.2        | 66%        | 13.2               | 73%                |  |
| Platoro                      | SC      | 9880           | 15         | 6.2      | 12.2        | 51%        | 8.0                | 66%                |  |
| Pool Table Mountain          | SC      | 9840           |            |          | 1.7         |            | 0.4                | 24%                |  |
| Porcupine                    | SC      | 10280          |            |          | 4.9         |            | 2.3                | 47%                |  |
| San Antonio Sink             | SNOTEL  | 9100           | 0          | 0.0      |             |            | 0.0                |                    |  |
| San Antonio Sink             | SC      | 9200           | 0          | 0.0      | 0.0         |            | 0.0                |                    |  |
| Santa Maria                  | SC      | 9600           |            |          | 0.4         |            | 0.0                | 0%                 |  |
| Sargents Mesa                | SNOTEL  | 11530          | 0          | 0.4      | 9.6         | 4%         | 10.4               | 108%               |  |
| Silver Lakes                 | SC      | 9500           |            |          | 0.0         |            | 0.0                |                    |  |
| Slumgullion                  | SNOTEL  | 11560          | 4          | 2.6      | 13.0        | 20%        | 9.2                | 71%                |  |
| Trinchera                    | SNOTEL  | 10860          | 0          | 0.0      | 4.1         | 0%         | 4.4                | 107%               |  |
| Upper Rio Grande             | SNOTEL  | 9400           | 0          | 0.2      | 0.0         |            | 0.0                |                    |  |
| Ute Creek                    | SC      | 10650          |            |          | 5.6         |            |                    |                    |  |
| Ute Creek                    | SNOTEL  | 10650          | 0          | 0.0      | 9.2         | 0%         | 5.2                | 57%                |  |
| Wager Gulch                  | SNOTEL  | 11100          | 0          | 0.5      |             |            | 5.1                |                    |  |
| Wolf Creek Summit            | SNOTEL  | 11000          | 48         | 24.2     | 34.6        | 70%        | 25.8               | 75%                |  |
| <b>Basin Index</b>           |         |                |            |          |             | <b>43%</b> |                    | <b>76%</b>         |  |
| # of sites                   |         |                |            |          |             | 20         |                    | 20                 |  |
| <b>Rio Hondo</b>             | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median   | Last Year SWE (in) | Last Year % Median |  |
| Sierra Blanca                | SNOTEL  | 10280          | 0          | 0.0      | 0.0         |            | 1.1                |                    |  |
| <b>Basin Index</b>           |         |                |            |          |             |            |                    |                    |  |
| # of sites                   |         |                |            |          |             | 1          |                    | 1                  |  |

| <b>San Francisco</b> | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
|----------------------|---------|----------------|------------|----------|-------------|----------|--------------------|--------------------|
| Beaver Head          | SNOTEL  | 7990           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Coronado Trail       | SC      | 8350           |            |          |             |          |                    |                    |
| Coronado Trail       | SNOTEL  | 8400           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Frisco Divide        | SNOTEL  | 8000           |            | 0.0      | 0.0         |          | 0.0                |                    |
| Hannagan Meadows     | SNOTEL  | 9020           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Nutriosos            | SNOTEL  | 8500           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Nutriosos            | SC      | 8500           |            |          |             |          |                    |                    |
| Silver Creek Divide  | SNOTEL  | 9000           | 1          | 0.1      | 0.0         |          | 0.1                |                    |
| State Line           | SC      | 8000           |            |          |             |          |                    |                    |

**Basin Index**

# of sites

6

6

| <b>San Juan</b>   | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
|-------------------|---------|----------------|------------|----------|-------------|----------|--------------------|--------------------|
| Beartown          | SNOTEL  | 11600          | 17         | 9.9      | 18.4        | 54%      | 14.5               | 79%                |
| Cascade           | SNOTEL  | 8880           | 0          | 0.8      | 0.0         |          | 0.9                |                    |
| Cascade #2        | SNOTEL  | 8920           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Columbus Basin    | SNOTEL  | 10785          | 45         | 16.7     | 22.2        | 75%      | 12.9               | 58%                |
| Lemon Reservoir   | SC      | 8700           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Mineral Creek     | SNOTEL  | 10040          | 4          | 1.7      | 10.7        | 16%      | 7.7                | 72%                |
| Molas Lake        | SNOTEL  | 10500          | 19         | 10.0     | 17.7        | 56%      | 7.2                | 41%                |
| Red Mountain Pass | SNOTEL  | 11200          | 42         | 16.4     | 22.9        | 72%      | 18.6               | 81%                |
| Spud Mountain     | SNOTEL  | 10660          | 19         | 7.5      | 16.8        | 45%      | 9.8                | 58%                |
| Stump Lakes       | SNOTEL  | 11200          | 13         | 6.6      | 17.7        | 37%      | 8.5                | 48%                |
| Upper San Juan    | SC      | 10200          | 22         | 10.9     | 21.0        | 52%      | 14.2               | 68%                |
| Upper San Juan    | SNOTEL  | 10200          | 25         | 12.4     | 23.2        | 53%      | 20.1               | 87%                |
| Vallecito         | SNOTEL  | 10880          | 1          | 0.1      | 9.1         | 1%       | 6.4                | 70%                |
| Weminuche Creek   | SNOTEL  | 10740          | 0          | 0.0      | 6.6         | 0%       | 6.1                | 92%                |
| Wolf Creek Summit | SNOTEL  | 11000          | 48         | 24.2     | 34.6        | 70%      | 25.8               | 75%                |

**Basin Index**

# of sites

53%

69%

15

15

| <b>Upper Gila</b>   | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
|---------------------|---------|----------------|------------|----------|-------------|----------|--------------------|--------------------|
| Lookout Mountain    | SNOTEL  | 8500           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Signal Peak         | SNOTEL  | 8360           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Silver Creek Divide | SNOTEL  | 9000           | 1          | 0.1      | 0.0         |          | 0.1                |                    |

**Basin Index**

# of sites

3

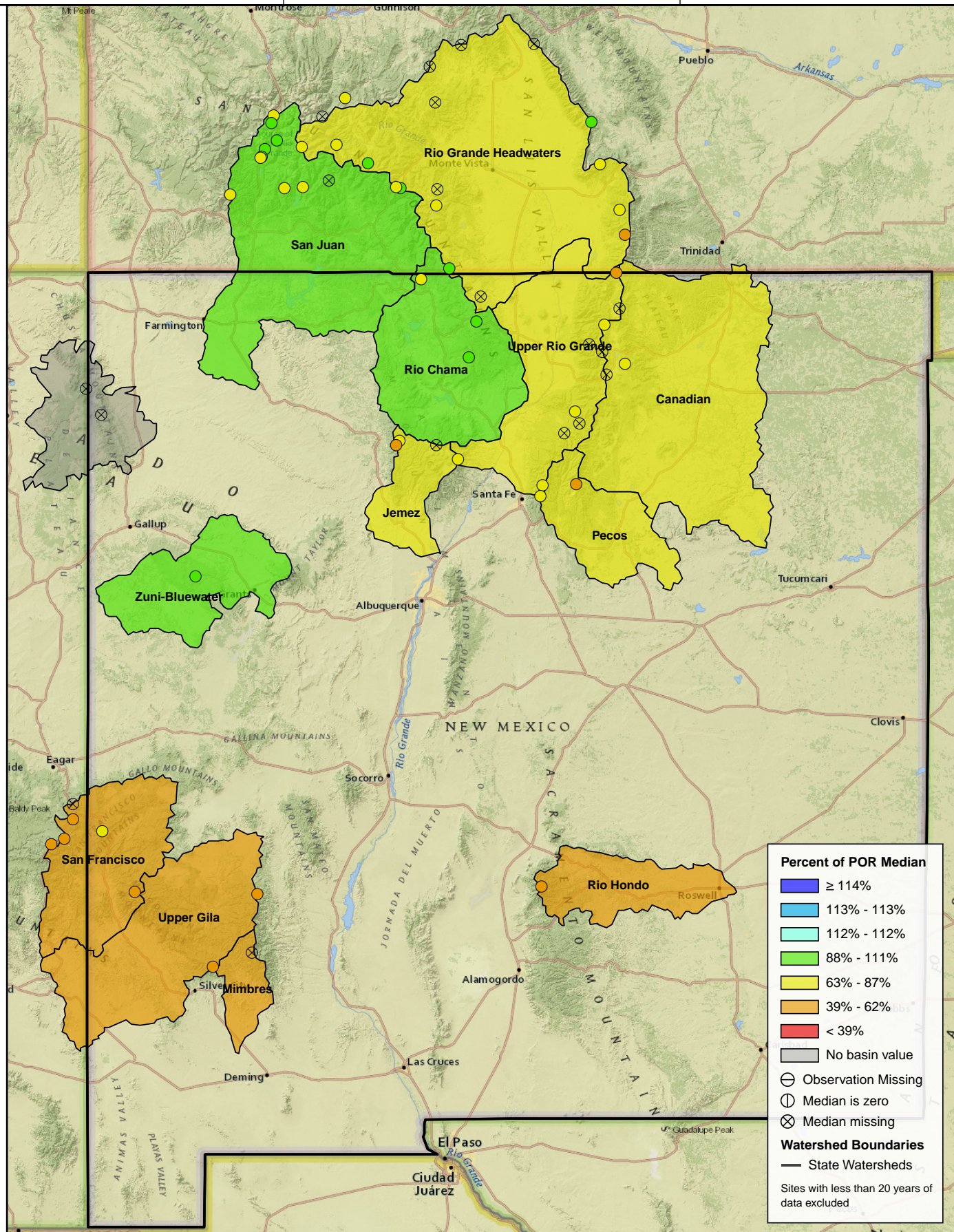
3

| <b>Upper Rio Grande</b> | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
|-------------------------|---------|----------------|------------|----------|-------------|----------|--------------------|--------------------|
| Elk Cabin               | SNOTEL  | 8210           | 2          | 0.0      | 0.0         |          | 0.0                |                    |
| Gallegos Peak           | SNOTEL  | 9800           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Hematite Park           | SC      | 9500           |            |          |             |          |                    |                    |
| North Costilla          | SNOTEL  | 10600          | 0          | 0.0      | 0.8         | 0%       | 0.0                | 0%                 |
| Palo                    | SNOTEL  | 9350           | 1          | 0.1      | 0.0         |          | 0.0                |                    |
| Palo                    | SC      | 9300           |            |          |             |          |                    |                    |
| Quemazon                | SNOTEL  | 9500           | 5          | 0.0      | 0.0         |          | 0.0                |                    |
| Red River Pass #2       | SNOTEL  | 9850           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| Rio En Medio            | SC      | 10300          | 0          | 0.0      | 1.8         | 0%       | 0.0                | 0%                 |
| Rio Santa Barbara       | SNOTEL  | 10664          | 0          | 0.1      |             |          | 0.8                |                    |
| Santa Fe                | SNOTEL  | 11445          | 9          | 4.0      | 13.8        | 29%      | 0.5                | 4%                 |
| Shuree                  | SNOTEL  | 10100          | 0          | 0.0      | 0.0         |          | 0.0                |                    |



|                    |        |       |    |      |      |     |            |            |  |
|--------------------|--------|-------|----|------|------|-----|------------|------------|--|
| Shuree             | SC     | 10097 |    |      |      |     |            |            |  |
| Taos Canyon        | SC     | 9100  |    |      |      |     |            |            |  |
| Taos Powderhorn    | SNOTEL | 11057 | 39 | 15.6 | 19.6 | 80% | 19.2       | 98%        |  |
| Taos Powderhorn    | SC     | 11250 | 37 | 16.1 | 23.0 | 70% | 19.1       | 83%        |  |
| Taos Pueblo        | SNOTEL | 11020 | 2  | 0.6  |      |     |            |            |  |
| Tres Ritos         | SNOTEL | 8600  | 0  | 0.0  | 0.0  |     | 0.0        |            |  |
| <b>Basin Index</b> |        |       |    |      |      |     | <b>61%</b> | <b>66%</b> |  |
| # of sites         |        |       |    |      |      |     | 12         | 12         |  |

| <b>Zuni-Bluewater</b> | Network | Elevation (ft) | Depth (in) | SWE (in) | Median (in) | % Median | Last Year SWE (in) | Last Year % Median |
|-----------------------|---------|----------------|------------|----------|-------------|----------|--------------------|--------------------|
| Boon                  | SC      | 8140           | 0          | 0.0      |             |          | 0.0                |                    |
| Dan Valley            | SC      | 7640           | 0          | 0.0      |             |          | 0.0                |                    |
| McGaffey              | SC      | 8120           | 0          | 0.0      |             |          | 0.0                |                    |
| Ojo Redondo           | SC      | 8200           |            |          |             |          |                    |                    |
| Rice Park             | SNOTEL  | 8460           | 0          | 0.0      | 0.0         |          | 0.0                |                    |
| <b>Basin Index</b>    |         |                |            |          |             |          |                    |                    |
| # of sites            |         |                |            |          |             |          | 1                  | 1                  |



**Basinwide Summary: May 1, 2022**  
(Medians based On 1991-2020 reference period)

|                              |         |                | Monthly Total Precipitation For April 2022 |             |            |                |                    | Water Year To Date Precipitation through April 2022 |             |            |                |                    |
|------------------------------|---------|----------------|--|-------------|------------|----------------|--------------------|---|-------------|------------|----------------|--------------------|
| Canadian                     | Network | Elevation (ft) | Current (in)                               | Median (in) | % Median   | Last Year (in) | Last Year % Median | Current (in)  | Median (in) | % Median   | Last Year (in) | Last Year % Median |
| North Costilla               | SNOTEL  | 10600          | 1.5  | 3           | 50%        | 0.4            | 13%                | 9.3   | 15.4        | 60%        | 13             | 84%                |
| Palo                         | SNOTEL  | 9350           | 0.3  | 1.8         | 17%        | 0.6            | 33%                | 8.3   | 10.6        | 78%        | 10.8           | 102%               |
| Red River Pass #2            | SNOTEL  | 9850           | 0.3  | 1.9         | 16%        | 0.4            | 21%                | 7.7   | 12.2        | 63%        | 12.3           | 101%               |
| Shuree                       | SNOTEL  | 10100          | 0.4  | 1.8         | 22%        | 1.3            | 72%                | 7.6   | 10.4        | 73%        | 13.5           | 130%               |
| Tolby                        | SNOTEL  | 10180          | 0.3  | 2.6         | 12%        | 0.6            | 23%                | 11  | 15.4        | 71%        | 13.1           | 85%                |
| Wesner Springs               | SNOTEL  | 11120          | 0.2  | 2.2         | 9%         | 0.9            | 41%                | 13  | 21.1        | 62%        | 12.5           | 59%                |
| <b>Basin Index</b>           |         |                |  |             | <b>23%</b> |                | <b>32%</b>         |   |             | <b>67%</b> |                | <b>88%</b>         |
| # of sites                   |         |                |  |             | 6          |                | 6                  |   |             | 6          |                | 6                  |
| <b>Chuska-Defiance</b>       | 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 Spring                | SNOTEL  | 9200           | 0.5  | 1.6         | 31%        | 0.3            | 19%                | 15.5  | 15.9        | 97%        | 14.3           | 90%                |
| Navajo Whiskey Ck            | SNOTEL  | 9050           | 0.2  | 1.4         | 14%        | 0.3            | 21%                | 12.2  | 12.2        | 100%       | 12.1           | 99%                |
| <b>Basin Index</b>           |         |                |  |             | <b>23%</b> |                | <b>20%</b>         |   |             | <b>99%</b> |                | <b>94%</b>         |
| # of sites                   |         |                |  |             | 2          |                | 2                  |   |             | 2          |                | 2                  |
| <b>Jemez</b>                 | 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  | 10160          | 0.5  |             |            | 1              |                    | 10.1  |             |            | 10             |                    |
| Quemazon                     | SNOTEL  | 9500           | 0.3  | 1           | 30%        | 0              | 0%                 | 8.6   | 13.4        | 64%        | 6              | 45%                |
| Senorita Divide #2           | SNOTEL  | 8600           | 1.1  | 1.7         | 65%        | 0.6            | 35%                | 10.1  | 16          | 63%        | 11.7           | 73%                |
| Vacas Locas                  | SNOTEL  | 9306           | 1.3  | 1.8         | 72%        | 0.5            | 28%                | 11.8  | 16.6        | 71%        | 14             | 84%                |
| <b>Basin Index</b>           |         |                |  |             | <b>60%</b> |                | <b>24%</b>         |   |             | <b>66%</b> |                | <b>69%</b>         |
| # of sites                   |         |                |  |             | 3          |                | 3                  |   |             | 3          |                | 3                  |
| <b>Mimbres</b>               | Network | Elevation (ft) | Current (in)                               | Median (in) | % Median   | Last Year (in) | Last Year % Median | Current (in)  | Median (in) | % Median   | Last Year (in) | Last Year % Median |
| Mcknight Cabin               | SNOTEL  | 9240           | 0  | 0.1         | 0%         | 0.9            | 900%               | 3.1   | 9.3         | 33%        | 6.2            | 67%                |
| Signal Peak                  | SNOTEL  | 8360           | 0  |             |            | 0.5            |                    | 5   |             |            | 7              |                    |
| <b>Basin Index</b>           |         |                |  |             | <b>0%</b>  |                | <b>900%</b>        |   |             | <b>33%</b> |                | <b>67%</b>         |
| # of sites                   |         |                |  |             | 1          |                | 1                  |   |             | 1          |                | 1                  |
| <b>Pecos</b>                 | 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  | 8210           | 0.1  | 1.2         | 8%         | 0              | 0%                 | 7.6   | 11.2        | 68%        | 5.5            | 49%                |
| Santa Fe                     | SNOTEL  | 11445          | 0.5  | 2.3         | 22%        | 0.6            | 26%                | 13.5  | 20          | 68%        | 11.9           | 60%                |
| Wesner Springs               | SNOTEL  | 11120          | 0.2  | 2.2         | 9%         | 0.9            | 41%                | 13  | 21.1        | 62%        | 12.5           | 59%                |
| <b>Basin Index</b>           |         |                |  |             | <b>14%</b> |                | <b>26%</b>         |   |             | <b>65%</b> |                | <b>57%</b>         |
| # of sites                   |         |                |  |             | 3          |                | 3                  |   |             | 3          |                | 3                  |
| <b>Rio Chama</b>             | 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  | 9300           | 0.8  | 1.5         | 53%        | 0.7            | 47%                | 13.5  | 15.2        | 89%        | 13.2           | 87%                |
| Chamita                      | SNOTEL  | 8400           | 0.9  | 1.2         | 75%        | 1.5            | 125%               | 11.2  | 13.8        | 81%        | 10.9           | 79%                |
| Cumbres Trestle              | SNOTEL  | 10040          | 0.7  | 2.9         | 24%        | 1.2            | 41%                | 24.6  | 26.6        | 92%        | 23.5           | 88%                |
| Garita Peak                  | SNOTEL  | 10160          | 0.5  |             |            | 1              |                    | 10.1  |             |            | 10             |                    |
| Hopewell                     | SNOTEL  | 10000          | 0.5  | 2.2         | 23%        | 0.8            | 36%                | 19.1  | 20          | 96%        | 15.4           | 77%                |
| <b>Basin Index</b>           |         |                |  |             | <b>37%</b> |                | <b>54%</b>         |   |             | <b>90%</b> |                | <b>83%</b>         |
| # of sites                   |         |                |  |             | 4          |                | 4                  |   |             | 4          |                | 4                  |
| <b>Rio Grande Headwaters</b> | 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          | 1.5  | 3.2         | 47%        | 1.9            | 59%                | 22.9  | 26.2        | 87%        | 20.1           | 77%                |
| Cochetopa Pass               | SNOTEL  | 10020          | 1  | 1.4         | 71%        | 1.3            | 93%                | 6.9   | 8.8         | 78%        | 7.6            | 86%                |
| Culebra #2                   | SNOTEL  | 10500          | 1.1  | 2.9         | 38%        | 0.6            | 21%                | 9.8   | 15.8        | 62%        | 14.5           | 92%                |
| Cumbres Trestle              | SNOTEL  | 10040          | 0.7  | 2.9         | 24%        | 1.2            | 41%                | 24.6  | 26.6        | 92%        | 23.5           | 88%                |
| Grayback                     | SNOTEL  | 11620          | 2  | 2.6         | 77%        | 1.3            | 50%                | 18.7  | 20          | 94%        | 17.2           | 86%                |
| Hayden Pass                  | SNOTEL  | 10720          | 1.8  | 2.6         | 69%        | 2.1            | 81%                | 12.4  | 16.6        | 75%        | 16.2           | 98%                |
| Lily Pond                    | SNOTEL  | 11000          | 1.4  | 2.4         | 58%        | 0.9            | 38%                | 18.6  | 21.7        | 86%        | 17.1           | 79%                |
| Medano Pass                  | SNOTEL  | 9649           | 1.6  | 2.7         | 59%        | 2              | 74%                | 14.1  | 14.2        | 99%        | 13.4           | 94%                |
| Middle Creek                 | SNOTEL  | 11250          | 1.6  | 2.9         | 55%        | 0.8            | 28%                | 22.2  | 24.8        | 90%        | 15.8           | 64%                |
| Moon Pass                    | SNOTEL  | 11140          | 1.8  | 1.4         | 129%       | 1.2            | 86%                | 9.7   | 9.5         | 102%       | 10.3           | 108%               |
| North Costilla               | SNOTEL  | 10600          | 1.5  | 3           | 50%        | 0.4            | 13%                | 9.3   | 15.4        | 60%        | 13             | 84%                |
| San Antonio Sink             | SNOTEL  | 9100           | 0.6  |             |            | 0.9            |                    | 12  |             |            | 11             |                    |
| Sargents Mesa                | SNOTEL  | 11530          | 1.1  | 2.3         | 48%        | 1.6            | 70%                | 9.2   | 14.2        | 65%        | 13.6           | 96%                |
| Slumgullion                  | SNOTEL  | 11560          | 1.3  | 2.4         | 54%        | 0.9            | 38%                | 12.2  | 15.9        | 77%        | 11.8           | 74%                |
| Trinchera                    | SNOTEL  | 10860          | 0.8  | 2.8         | 29%        | 0.6            | 21%                | 11.2  | 14          | 80%        | 15             | 107%               |
| Upper Rio Grande             | SNOTEL  | 9400           | 0.5  | 1.5         | 33%        | 0.8            | 53%                | 8.9   | 11.1        | 80%        | 9.5            | 86%                |
| Ute Creek                    | SNOTEL  | 10650          | 1  | 3.2         | 31%        | 0.8            | 25%                | 15.6  | 19.2        | 81%        | 17.6           | 92%                |
| Wager Gulch                  | SNOTEL  | 11100          | 1.3  |             |            | 1.3            |                    | 12.4  |             |            | 12.4           |                    |
| Wolf Creek Summit            | SNOTEL  | 11000          | 0.7  | 3.5         | 20%        | 1.5            | 43%                | 31.7  | 36          | 88%        | 29.6           | 82%                |
| <b>Basin Index</b>           |         |                |  |             | <b>49%</b> |                | <b>46%</b>         |   |             | <b>83%</b> |                | <b>86%</b>         |
| # of sites                   |         |                |  |             | 17         |                | 17                 |   |             | 17         |                | 17                 |
| <b>Rio Hondo</b>             | 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  | 10280          | 0  | 1.6         | 0%         | 2.2            | 138%               | 7.9   | 16.1        | 49%        | 11.2           | 70%                |
| <b>Basin Index</b>           |         |                |  |             | <b>0%</b>  |                | <b>138%</b>        |   |             | <b>49%</b> |                | <b>70%</b>         |



# of sites 1 1 1 1

| 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         | 7990         | 0           |          |                | 0.5                | 5.8          |             |          | 4.5            |                    |     |
| Coronado Trail      | SNOTEL         | 8400         | 0           | 0.6      | 0%             | 0.7                | 117%         | 5.2         | 11.2     | 46%            | 4                  | 36% |
| Frisco Divide       | SNOTEL         | 8000         | 0.7         | 0.6      | 117%           | 0.4                | 67%          | 5.8         | 9.3      | 62%            | 5.9                | 63% |
| Hannagan Meadows    | SNOTEL         | 9020         | 0           | 0.9      | 0%             | 0.6                | 67%          | 7.3         | 17.2     | 42%            | 9.6                | 56% |
| Nutriosio           | SNOTEL         | 8500         | 0.2         | 0.2      | 100%           | 1                  | 500%         | 3.7         | 7.4      | 50%            | 4.5                | 61% |
| Silver Creek Divide | SNOTEL         | 9000         | 0.1         | 0.8      | 13%            | 1                  | 125%         | 8.1         | 17       | 48%            | 12.2               | 72% |
| <b>Basin Index</b>  |                |              |             |          |                | <b>32%</b>         | <b>119%</b>  |             |          | <b>48%</b>     | <b>58%</b>         |     |
| # of sites          |                |              |             |          |                | 5                  | 5            |             |          | 5              | 5                  |     |

| 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        | 1.5         | 3.2      | 47%            | 1.9                | 59%          | 22.9        | 26.2     | 87%            | 20.1               | 77% |
| Cascade            | SNOTEL         | 8880         | 0.7         | 2        | 35%            | 0.6                | 30%          | 17.9        | 21.9     | 82%            | 14.1               | 64% |
| Cascade #2         | SNOTEL         | 8920         | 0.8         | 1.6      | 50%            | 0.6                | 38%          | 18.1        | 20.4     | 89%            | 13.6               | 67% |
| Columbus Basin     | SNOTEL         | 10785        | 1.3         | 3        | 43%            | 0.2                | 7%           | 24.5        | 28.8     | 85%            | 15                 | 52% |
| Mineral Creek      | SNOTEL         | 10040        | 1.3         | 2.4      | 54%            | 0.5                | 21%          | 18.4        | 19.4     | 95%            | 11.4               | 59% |
| Molas Lake         | SNOTEL         | 10500        | 1.2         | 2.8      | 43%            | 1.4                | 50%          | 22.2        | 22.8     | 97%            | 16.4               | 72% |
| Red Mountain Pass  | SNOTEL         | 11200        | 1.9         | 4.2      | 45%            | 2                  | 48%          | 24.6        | 29.2     | 84%            | 21.9               | 75% |
| Spud Mountain      | SNOTEL         | 10660        | 1.2         | 3.3      | 36%            | 1.5                | 45%          | 29.7        | 33.1     | 90%            | 21.6               | 65% |
| Stump Lakes        | SNOTEL         | 11200        | 0.7         | 2        | 35%            | 1.6                | 80%          | 17.6        | 21.1     | 83%            | 13.7               | 65% |
| Upper San Juan     | SNOTEL         | 10200        | 1.3         | 3.3      | 39%            | 1.1                | 33%          | 32.7        | 37.4     | 87%            | 30.1               | 80% |
| Vallecito          | SNOTEL         | 10880        | 0.8         | 1.7      | 47%            | 0.6                | 35%          | 16.3        | 19.5     | 84%            | 13.3               | 68% |
| Weminuche Creek    | SNOTEL         | 10740        | 0.9         | 2.1      | 43%            | 1.6                | 76%          | 19.1        | 22.7     | 84%            | 22.4               | 99% |
| Wolf Creek Summit  | SNOTEL         | 11000        | 0.7         | 3.5      | 20%            | 1.5                | 43%          | 31.7        | 36       | 88%            | 29.6               | 82% |
| <b>Basin Index</b> |                |              |             |          |                | <b>41%</b>         | <b>43%</b>   |             |          | <b>87%</b>     | <b>72%</b>         |     |
| # of sites         |                |              |             |          |                | 13                 | 13           |             |          | 13             | 13                 |     |

| 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         | 8500         | 0           |          |                | 0.3                | 3.4          |             |          | 5              |                    |     |
| Signal Peak         | SNOTEL         | 8360         | 0           |          |                | 0.5                | 5            |             |          | 7              |                    |     |
| Silver Creek Divide | SNOTEL         | 9000         | 0.1         | 0.8      | 13%            | 1                  | 125%         | 8.1         | 17       | 48%            | 12.2               | 72% |
| <b>Basin Index</b>  |                |              |             |          |                | <b>13%</b>         | <b>125%</b>  |             |          | <b>48%</b>     | <b>72%</b>         |     |
| # of sites          |                |              |             |          |                | 1                  | 1            |             |          | 1              | 1                  |     |

| 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         | 8210         | 0.1         | 1.2      | 8%             | 0                  | 0%           | 7.6         | 11.2     | 68%            | 5.5                | 49%  |
| Gallegos Peak      | SNOTEL         | 9800         | 0.1         | 1.6      | 6%             | 0.4                | 25%          | 11.9        | 16       | 74%            | 12.2               | 76%  |
| North Costilla     | SNOTEL         | 10600        | 1.5         | 3        | 50%            | 0.4                | 13%          | 9.3         | 15.4     | 60%            | 13                 | 84%  |
| Palo               | SNOTEL         | 9350         | 0.3         | 1.8      | 17%            | 0.6                | 33%          | 8.3         | 10.6     | 78%            | 10.8               | 102% |
| Quemazon           | SNOTEL         | 9500         | 0.3         | 1        | 30%            | 0                  | 0%           | 8.6         | 13.4     | 64%            | 6                  | 45%  |
| Red River Pass #2  | SNOTEL         | 9850         | 0.3         | 1.9      | 16%            | 0.4                | 21%          | 7.7         | 12.2     | 63%            | 12.3               | 101% |
| Rio Santa Barbara  | SNOTEL         | 10664        | 0.6         |          |                | 0.5                | 12.6         |             |          | 13             |                    |      |
| Santa Fe           | SNOTEL         | 11445        | 0.5         | 2.3      | 22%            | 0.6                | 26%          | 13.5        | 20       | 68%            | 11.9               | 60%  |
| Shuree             | SNOTEL         | 10100        | 0.4         | 1.8      | 22%            | 1.3                | 72%          | 7.6         | 10.4     | 73%            | 13.5               | 130% |
| Taos Powderhorn    | SNOTEL         | 11057        | 0.6         | 3.5      | 17%            | 1                  | 29%          | 21.4        | 23.6     | 91%            | 23.2               | 98%  |
| Taos Pueblo        | SNOTEL         | 11020        | 0.7         |          |                |                    | 22           |             |          |                |                    |      |
| Tres Ritos         | SNOTEL         | 8600         | 0.3         | 2        | 15%            | 1                  | 50%          | 9.1         | 13.4     | 68%            | 11.3               | 84%  |
| <b>Basin Index</b> |                |              |             |          |                | <b>22%</b>         | <b>28%</b>   |             |          | <b>72%</b>     | <b>82%</b>         |      |
| # of sites         |                |              |             |          |                | 10                 | 10           |             |          | 10             | 10                 |      |

| 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         | 8460         | 0.2         |          |                | 0.9                | 11           |             |          | 8.9            |                    |  |
| <b>Basin Index</b> |                |              |             |          |                | 0                  | 0            |             |          | 0              | 0                  |  |
| # of sites         |                |              |             |          |                | 0                  | 0            |             |          | 0              | 0                  |  |

**Streamflow Forecast Summary: May 1, 2022**  
**(Medians based On 1991-2020 reference period)**

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

| <b>Canadian</b>                                | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| <b>Rayado Ck nr Cimarron</b>                   |                 |           |           |           |          |           |           |                   |
|  | MAR-JUN         | 1.18      | 1.52      | 1.9       | 37%      | 2.4       | 3.4       | 5.1               |
|  | MAY-JUN         | 0.07      | 0.41      | 0.79      | 29%      | 1.29      | 2.3       | 2.7               |
| <b>Eagle Nest Reservoir Inflow<sup>2</sup></b> |                 |           |           |           |          |           |           |                   |
|  | MAR-JUN         | -0.55     | 1.47      | 2.8       | 42%      | 4.1       | 6.2       | 6.7               |
|  | MAY-JUN         | -3.3      | -1.28     | 0.05      | 2%       | 1.35      | 3.5       | 2.4               |
| <b>Ponil Ck nr Cimarron</b>                    |                 |           |           |           |          |           |           |                   |
|  | MAR-JUN         | 0.95      | 1.3       | 1.7       | 31%      | 2.2       | 3.3       | 5.4               |
|  | MAY-JUN         | 0.08      | 0.43      | 0.83      | 27%      | 1.33      | 2.4       | 3.1               |
| <b>Cimarron R nr Cimarron<sup>2</sup></b>      |                 |           |           |           |          |           |           |                   |
|  | MAR-JUN         | -0.49     | 2.9       | 5.2       | 57%      | 7.5       | 10.9      | 9.2               |
|  | MAY-JUN         | -4.5      | -1.11     | 1.19      | 26%      | 3.5       | 6.9       | 4.5               |
| <b>Vermejo R nr Dawson</b>                     |                 |           |           |           |          |           |           |                   |
|  | MAR-JUN         | 0.67      | 0.95      | 1.3       | 25%      | 1.78      | 2.7       | 5.3               |
|  | MAY-JUN         | 0.04      | 0.32      | 0.67      | 18%      | 1.15      | 2.1       | 3.8               |

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

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

| <b>Chuska-Defiance</b>                    | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| <b>Captain Tom Wash nr Two Gray Hills</b> |                 |           |           |           |          |           |           |                   |
| <b>Bowl Canyon Ck ab Asaayi Lake</b>      |                 |           |           |           |          |           |           |                   |
| <b>Wheatfields Ck nr Wheatfields</b>      |                 |           |           |           |          |           |           |                   |

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

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

| <b>Jemez</b>                       | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| <b>Jemez R bl Jemez Canyon Dam</b> |                 |           |           |           |          |           |           |                   |
|                                    | MAR-JUL         | 5         | 6.3       | 7.8       | 35%      | 9.7       | 13.3      | 22                |
|                                    | MAY-JUL         | 0.38      | 1.72      | 3.2       | 40%      | 5.1       | 8.7       | 8                 |
| <b>Jemez R nr Jemez</b>            |                 |           |           |           |          |           |           |                   |
|                                    | MAR-JUL         | 9.9       | 11.6      | 13.1      | 45%      | 14.7      | 17.5      | 29                |
|                                    | MAY-JUL         | 2.4       | 4.1       | 5.6       | 42%      | 7.2       | 10        | 13.2              |

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

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



| <b>Mimbres</b> | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|----------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
|----------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|

Mimbres R at Mimbres

- 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

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| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>Pecos</b>             | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Pecos R nr Pecos         | MAR-JUL         | 16.6      | 21        | 24        | 45%      | 28        | 34        | 53                |
|                          | MAY-JUL         | 6         | 10        | 13.2      | 33%      | 16.9      | 23        | 40                |
| Gallinas Ck nr Montezuma | MAR-JUL         | 1.28      | 1.8       | 2.3       | 29%      | 3.1       | 4.4       | 8                 |
|                          | MAY-JUL         | 0.17      | 0.69      | 1.24      | 30%      | 1.96      | 3.3       | 4.2               |
| Pecos R nr Anton Chico   | MAR-JUL         | 8.3       | 11.6      | 15.2      | 29%      | 19.8      | 28        | 53                |
|                          | MAY-JUL         | 1.23      | 4.6       | 8.2       | 27%      | 12.8      | 21        | 30                |
| Pecos R ab Santa Rosa Lk | MAR-JUL         | 1.62      | 4.9       | 8.3       | 20%      | 12.7      | 20        | 41                |
|                          | MAY-JUL         | 1.15      | 4.4       | 7.8       | 29%      | 12.2      | 20        | 27                |

- 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

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| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>Rio Chama</b>                      | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| El Vado Reservoir Inflow <sup>2</sup> | MAR-JUL         | 95        | 111       | 124       | 67%      | 137       | 160       | 186               |
|                                       | MAY-JUL         | 37        | 53        | 66        | 55%      | 79        | 102       | 121               |

- 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

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| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>Rio Grande Headwaters</b>               | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Trinchera Ck ab Turners Ranch              | APR-SEP         | 1.97      | 3         | 3.8       | 37%      | 4.7       | 6.3       | 10.3              |
|  | MAY-SEP         | 1.38      | 2.4       | 3.2       | 34%      | 4.1       | 5.7       | 9.3               |
| La Jara Ck nr Capulin                      | MAY-JUL         | 1.34      | 2.1       | 2.7       | 59%      | 3.4       | 4.6       | 4.6               |
| San Antonio R at Ortiz                     | APR-SEP         | 6.4       | 7         | 7.5       | 78%      | 8         | 8.9       | 9.6               |
|  | MAY-SEP         | 1.4       | 2         | 2.5       | 53%      | 3         | 3.9       | 4.7               |
| Rio Grande at Wagon Wheel Gap <sup>2</sup> | APR-SEP         | 136       | 165       | 187       | 60%      | 210       | 250       | 310               |
|  | MAY-SEP         | 99        | 128       | 150       | 53%      | 174       | 215       | 285               |

|   |         |      |      |      |     |      |      |      |
|---|---------|------|------|------|-----|------|------|------|
| Rio Grande at Thirty Mile Bridge <sup>2</sup> |         |      |      |      |     |      |      |      |
|   | APR-JUL | 54   | 70   | 80   | 72% | 91   | 106  | 111  |
|   | APR-SEP | 60   | 78   | 91   | 76% | 103  | 122  | 120  |
|   | MAY-JUL | 43   | 59   | 69   | 69% | 80   | 95   | 100  |
|   | MAY-SEP | 49   | 67   | 80   | 73% | 92   | 111  | 110  |
| Culebra Ck at San Luis                        |         |      |      |      |     |      |      |      |
|   | APR-SEP | 2.4  | 4.4  | 6.3  | 38% | 8.5  | 12.4 | 16.7 |
|   | MAY-SEP | 1.79 | 3.8  | 5.7  | 37% | 7.9  | 11.8 | 15.5 |
| Ute Ck nr Fort Garland                        |         |      |      |      |     |      |      |      |
|   | MAY-SEP | 1.55 | 2.7  | 3.6  | 35% | 4.6  | 6.4  | 10.4 |
| Alamosa Ck ab Terrace Reservoir               |         |      |      |      |     |      |      |      |
|   | APR-SEP | 38   | 45   | 51   | 84% | 57   | 66   | 61   |
|   | MAY-SEP | 27   | 34   | 40   | 73% | 46   | 55   | 55   |
| Rio Grande nr Lobatos                         |         |      |      |      |     |      |      |      |
| Conejos R nr Mogote <sup>2</sup>              |         |      |      |      |     |      |      |      |
|   | APR-SEP | 113  | 131  | 145  | 86% | 160  | 183  | 168  |
|   | MAY-SEP | 88   | 106  | 120  | 79% | 135  | 158  | 152  |
| SF Rio Grande at South Fork <sup>2</sup>      |         |      |      |      |     |      |      |      |
|   | APR-SEP | 74   | 86   | 95   | 85% | 105  | 120  | 112  |
|   | MAY-SEP | 48   | 60   | 69   | 71% | 79   | 94   | 97   |
| Platoro Reservoir Inflow <sup>2</sup>         |         |      |      |      |     |      |      |      |
|   | APR-JUL | 33   | 39   | 44   | 86% | 49   | 57   | 51   |
|   | APR-SEP | 35   | 42   | 48   | 84% | 53   | 62   | 57   |
|   | MAY-JUL | 27   | 33   | 38   | 78% | 43   | 51   | 49   |
|   | MAY-SEP | 29   | 36   | 42   | 78% | 47   | 56   | 54   |
| Sangre de Cristo Ck <sup>2</sup>              |         |      |      |      |     |      |      |      |
|   | MAY-SEP | 0.08 | 0.76 | 1.62 | 18% | 2.8  | 5.2  | 9.1  |
| Los Pinos R nr Ortiz                          |         |      |      |      |     |      |      |      |
|   | APR-SEP | 43   | 48   | 52   | 85% | 56   | 63   | 61   |
|   | MAY-SEP | 24   | 29   | 33   | 67% | 37   | 44   | 49   |
| Rio Grande nr Del Norte <sup>2</sup>          |         |      |      |      |     |      |      |      |
|   | APR-SEP | 220  | 265  | 300  | 63% | 335  | 395  | 480  |
|   | MAY-SEP | 156  | 200  | 235  | 56% | 270  | 330  | 420  |
| Saguache Ck nr Saguache                       |         |      |      |      |     |      |      |      |
|   | APR-SEP | 8.6  | 12.8 | 16.3 | 58% | 20   | 27   | 28   |
|   | MAY-SEP | 5.8  | 10   | 13.5 | 54% | 17.5 | 24   | 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>Rio Hondo</b>         | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rio Ruidoso at Hollywood |                 |           |           |           |          |           |           |                   |
|                          | MAR-JUN         | 0.73      | 0.91      | 1.09      | 32%      | 1.32      | 1.73      | 3.4               |
|                          | MAY-JUN         | 0.09      | 0.27      | 0.45      | 33%      | 0.68      | 1.09      | 1.36              |

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

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|---|
| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>San Francisco</b>        | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-----------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| San Francisco R at Clifton  |                 |           |           |           |          |           |           |                   |
| San Francisco R at Glenwood |                 |           |           |           |          |           |           |                   |

- 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>San Juan</b>                             | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rio Blanco at Blanco Diversion <sup>2</sup> |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 27        | 32        | 36        | 75%      | 41        | 48        | 48                |
|   | MAY-JUL         | 17        | 22        | 26        | 62%      | 31        | 38        | 42                |
| Navajo R bl Oso Diversion <sup>2</sup>      |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 30        | 36        | 41        | 73%      | 46        | 54        | 56                |
|   | MAY-JUL         | 21        | 27        | 32        | 68%      | 37        | 45        | 47                |
| San Juan R nr Carracas <sup>2</sup>         |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 168       | 200       | 230       | 69%      | 255       | 300       | 335               |
|   | MAY-JUL         | 102       | 136       | 162       | 58%      | 190       | 235       | 280               |
| Lemon Reservoir Inflow <sup>2</sup>         |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 25        | 30        | 33        | 73%      | 37        | 44        | 45                |
|   | MAY-JUL         | 19.6      | 25        | 28        | 68%      | 32        | 39        | 41                |
| Piedra R nr Arboles                         |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 75        | 91        | 104       | 59%      | 118       | 141       | 175               |
|   | MAY-JUL         | 41        | 57        | 70        | 55%      | 84        | 107       | 128               |
| Animas R at Durango                         |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 205       | 245       | 270       | 72%      | 300       | 345       | 375               |
|   | MAY-JUL         | 171       | 210       | 235       | 71%      | 265       | 310       | 330               |
| Navajo Reservoir Inflow <sup>2</sup>        |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 260       | 325       | 375       | 60%      | 430       | 515       | 630               |
|   | MAY-JUL         | 139       | 200       | 250       | 53%      | 305       | 390       | 475               |
| Vallecito Reservoir Inflow <sup>2</sup>     |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 87        | 104       | 117       | 69%      | 131       | 154       | 169               |
|   | MAY-JUL         | 60        | 77        | 90        | 60%      | 104       | 127       | 149               |

- 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>Upper Gila</b>           | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-----------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Gila R at Gila              |                 |           |           |           |          |           |           |                   |
| Gila R bl Blue Ck nr Virden |                 |           |           |           |          |           |           |                   |

- 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>Upper Rio Grande</b>                         | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| <b>Costilla Reservoir Inflow<sup>2</sup></b>    |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 2.2       | 3         | 3.6       | 35%      | 4.3       | 5.6       | 10.3              |
|   | MAY-JUL         | 1.09      | 1.85      | 2.5       | 30%      | 3.2       | 4.5       | 8.4               |
| <b>Costilla Ck nr Costilla<sup>2</sup></b>      |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 4.2       | 5.6       | 6.9       | 31%      | 8.4       | 11.2      | 22                |
|   | MAY-JUL         | 1         | 2.4       | 3.7       | 20%      | 5.2       | 8         | 18.1              |
| <b>Red R bl Fish Hatchery nr Questa</b>         |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 10.3      | 12.6      | 14.5      | 47%      | 16.6      | 20        | 31                |
|   | MAY-JUL         | 4.3       | 6.6       | 8.5       | 35%      | 10.6      | 14.1      | 24                |
| <b>Rio Lucero nr Arroyo Seco</b>                |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 2.9       | 3.8       | 4.5       | 45%      | 5.3       | 6.7       | 10.1              |
|   | MAY-JUL         | 1.71      | 2.6       | 3.3       | 39%      | 4.1       | 5.5       | 8.4               |
| <b>Rio Pueblo de Taos nr Taos</b>               |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 4.4       | 5.5       | 6.4       | 51%      | 7.5       | 9.3       | 12.5              |
|   | MAY-JUL         | 1.12      | 2.2       | 3.1       | 31%      | 4.2       | 6         | 10                |
| <b>Rio Pueblo de Taos bl Los Cordovas</b>       |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 5.1       | 6.6       | 8.9       | 42%      | 12        | 18.2      | 21                |
|   | MAY-JUL         | 0.07      | 1.59      | 3.8       | 28%      | 6.9       | 13.1      | 13.8              |
| <b>Rio Hondo nr Valdez</b>                      |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 4.9       | 6.4       | 7.5       | 50%      | 8.8       | 10.9      | 15.1              |
|   | MAY-JUL         | 3         | 4.5       | 5.6       | 44%      | 6.9       | 9         | 12.8              |
| <b>Embudo Ck at Dixon</b>                       |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 9.1       | 12.5      | 15.6      | 49%      | 19.4      | 26        | 32                |
|   | MAY-JUL         | 2.7       | 6.1       | 9.2       | 42%      | 13        | 19.7      | 22                |
| <b>Santa Cruz R at Cundiyo</b>                  |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 4.1       | 5.1       | 5.9       | 36%      | 6.9       | 8.5       | 16.6              |
|   | MAY-JUL         | 1.5       | 2.5       | 3.3       | 33%      | 4.3       | 5.9       | 9.9               |
| <b>Nambe Falls Reservoir Inflow<sup>2</sup></b> |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 1.64      | 2.1       | 2.5       | 45%      | 3         | 3.7       | 5.6               |
|   | MAY-JUL         | 0.91      | 1.42      | 1.82      | 44%      | 2.3       | 3         | 4.1               |
| <b>Tesuque Ck ab diversions</b>                 |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 0.18      | 0.27      | 0.36      | 32%      | 0.48      | 0.69      | 1.13              |
|   | MAY-JUL         | 0.05      | 0.14      | 0.23      | 32%      | 0.35      | 0.56      | 0.72              |
| <b>Rio Grande at Otowi Bridge<sup>2</sup></b>   |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 199       | 230       | 260       | 46%      | 290       | 340       | 565               |
|   | MAY-JUL         | 59        | 92        | 120       | 32%      | 150       | 200       | 375               |
| <b>Santa Fe R nr Santa Fe<sup>2</sup></b>       |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | 0.96      | 1.18      | 1.37      | 42%      | 1.59      | 1.98      | 3.3               |
|   | MAY-JUL         | 0.25      | 0.47      | 0.66      | 31%      | 0.88      | 1.27      | 2.1               |
| <b>Rio Grande at San Marcial<sup>2</sup></b>    |                 |           |           |           |          |           |           |                   |
|   | MAR-JUL         | -110      | -27       | 29        | 8%       | 85        | 168       | 345               |
|   | MAY-JUL         | -174      | -91       | -35       | -18%     | 21        | 104       | 195               |

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

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

|   |
|---|
| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>Zuni-Bluewater</b>                 | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| <b>Zuni R ab Black Rock Reservoir</b> |                 |           |           |           |          |           |           |                   |
| <b>Rio Nutria nr Ramah</b>            |                 |           |           |           |          |           |           |                   |

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



**Streamflow Forecast Summary: May 1, 2022**  
**(Medians based On 1991-2020 reference period)**

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

| <b>Canadian</b>                          | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rayado Ck nr Cimarron                    | MAR-JUN         | 1.18      | 1.52      | 1.9       | 37%      | 2.4       | 3.4       | 5.1               |
|  | MAY-JUN         | 0.07      | 0.41      | 0.79      | 29%      | 1.29      | 2.3       | 2.7               |
| Eagle Nest Reservoir Inflow <sup>2</sup> | MAR-JUN         | -0.55     | 1.47      | 2.8       | 42%      | 4.1       | 6.2       | 6.7               |
|  | MAY-JUN         | -3.3      | -1.28     | 0.05      | 2%       | 1.35      | 3.5       | 2.4               |
| Ponil Ck nr Cimarron                     | MAR-JUN         | 0.95      | 1.3       | 1.7       | 31%      | 2.2       | 3.3       | 5.4               |
|  | MAY-JUN         | 0.08      | 0.43      | 0.83      | 27%      | 1.33      | 2.4       | 3.1               |
| Cimarron R nr Cimarron <sup>2</sup>      | MAR-JUN         | -0.49     | 2.9       | 5.2       | 57%      | 7.5       | 10.9      | 9.2               |
|  | MAY-JUN         | -4.5      | -1.11     | 1.19      | 26%      | 3.5       | 6.9       | 4.5               |
| Vermejo R nr Dawson                      | MAR-JUN         | 0.67      | 0.95      | 1.3       | 25%      | 1.78      | 2.7       | 5.3               |
|  | MAY-JUN         | 0.04      | 0.32      | 0.67      | 18%      | 1.15      | 2.1       | 3.8               |

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

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

| <b>Chuska-Defiance</b>             | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Captain Tom Wash nr Two Gray Hills |                 |           |           |           |          |           |           |                   |
| Bowl Canyon Ck ab Asaayi Lake      |                 |           |           |           |          |           |           |                   |
| Wheatfields Ck nr Wheatfields      |                 |           |           |           |          |           |           |                   |

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

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

| <b>Jemez</b>                | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-----------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Jemez R bl Jemez Canyon Dam | MAR-JUL         | 5         | 6.3       | 7.8       | 35%      | 9.7       | 13.3      | 22                |
|                             | MAY-JUL         | 0.38      | 1.72      | 3.2       | 40%      | 5.1       | 8.7       | 8                 |
| Jemez R nr Jemez            | MAR-JUL         | 9.9       | 11.6      | 13.1      | 45%      | 14.7      | 17.5      | 29                |
|                             | MAY-JUL         | 2.4       | 4.1       | 5.6       | 42%      | 7.2       | 10        | 13.2              |

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

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

| <b>Mimbres</b> | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|----------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
|----------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|

Mimbres R at Mimbres

- 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

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|---|
| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>Pecos</b>             | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Pecos R nr Pecos         | MAR-JUL         | 16.6      | 21        | 24        | 45%      | 28        | 34        | 53                |
|                          | MAY-JUL         | 6         | 10        | 13.2      | 33%      | 16.9      | 23        | 40                |
| Gallinas Ck nr Montezuma | MAR-JUL         | 1.28      | 1.8       | 2.3       | 29%      | 3.1       | 4.4       | 8                 |
|                          | MAY-JUL         | 0.17      | 0.69      | 1.24      | 30%      | 1.96      | 3.3       | 4.2               |
| Pecos R nr Anton Chico   | MAR-JUL         | 8.3       | 11.6      | 15.2      | 29%      | 19.8      | 28        | 53                |
|                          | MAY-JUL         | 1.23      | 4.6       | 8.2       | 27%      | 12.8      | 21        | 30                |
| Pecos R ab Santa Rosa Lk | MAR-JUL         | 1.62      | 4.9       | 8.3       | 20%      | 12.7      | 20        | 41                |
|                          | MAY-JUL         | 1.15      | 4.4       | 7.8       | 29%      | 12.2      | 20        | 27                |

- 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>Rio Chama</b>                      | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| El Vado Reservoir Inflow <sup>2</sup> | MAR-JUL         | 95        | 111       | 124       | 67%      | 137       | 160       | 186               |
|                                       | MAY-JUL         | 37        | 53        | 66        | 55%      | 79        | 102       | 121               |

- 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>Rio Grande Headwaters</b>               | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Trinchera Ck ab Turners Ranch              | APR-SEP         | 1.97      | 3         | 3.8       | 37%      | 4.7       | 6.3       | 10.3              |
|  | MAY-SEP         | 1.38      | 2.4       | 3.2       | 34%      | 4.1       | 5.7       | 9.3               |
| La Jara Ck nr Capulin                      | MAY-JUL         | 1.34      | 2.1       | 2.7       | 59%      | 3.4       | 4.6       | 4.6               |
| San Antonio R at Ortiz                     | APR-SEP         | 6.4       | 7         | 7.5       | 78%      | 8         | 8.9       | 9.6               |
|  | MAY-SEP         | 1.4       | 2         | 2.5       | 53%      | 3         | 3.9       | 4.7               |
| Rio Grande at Wagon Wheel Gap <sup>2</sup> | APR-SEP         | 136       | 165       | 187       | 60%      | 210       | 250       | 310               |
|  | MAY-SEP         | 99        | 128       | 150       | 53%      | 174       | 215       | 285               |

|   |         |      |      |      |     |      |      |      |
|---|---------|------|------|------|-----|------|------|------|
| Rio Grande at Thirty Mile Bridge <sup>2</sup> |         |      |      |      |     |      |      |      |
|   | APR-JUL | 54   | 70   | 80   | 72% | 91   | 106  | 111  |
|   | APR-SEP | 60   | 78   | 91   | 76% | 103  | 122  | 120  |
|   | MAY-JUL | 43   | 59   | 69   | 69% | 80   | 95   | 100  |
|   | MAY-SEP | 49   | 67   | 80   | 73% | 92   | 111  | 110  |
| Culebra Ck at San Luis                        |         |      |      |      |     |      |      |      |
|   | APR-SEP | 2.4  | 4.4  | 6.3  | 38% | 8.5  | 12.4 | 16.7 |
|   | MAY-SEP | 1.79 | 3.8  | 5.7  | 37% | 7.9  | 11.8 | 15.5 |
| Ute Ck nr Fort Garland                        |         |      |      |      |     |      |      |      |
|   | MAY-SEP | 1.55 | 2.7  | 3.6  | 35% | 4.6  | 6.4  | 10.4 |
| Alamosa Ck ab Terrace Reservoir               |         |      |      |      |     |      |      |      |
|   | APR-SEP | 38   | 45   | 51   | 84% | 57   | 66   | 61   |
|   | MAY-SEP | 27   | 34   | 40   | 73% | 46   | 55   | 55   |
| Rio Grande nr Lobatos                         |         |      |      |      |     |      |      |      |
| Conejos R nr Mogote <sup>2</sup>              |         |      |      |      |     |      |      |      |
|   | APR-SEP | 113  | 131  | 145  | 86% | 160  | 183  | 168  |
|   | MAY-SEP | 88   | 106  | 120  | 79% | 135  | 158  | 152  |
| SF Rio Grande at South Fork <sup>2</sup>      |         |      |      |      |     |      |      |      |
|   | APR-SEP | 74   | 86   | 95   | 85% | 105  | 120  | 112  |
|   | MAY-SEP | 48   | 60   | 69   | 71% | 79   | 94   | 97   |
| Platoro Reservoir Inflow <sup>2</sup>         |         |      |      |      |     |      |      |      |
|   | APR-JUL | 33   | 39   | 44   | 86% | 49   | 57   | 51   |
|   | APR-SEP | 35   | 42   | 48   | 84% | 53   | 62   | 57   |
|   | MAY-JUL | 27   | 33   | 38   | 78% | 43   | 51   | 49   |
|   | MAY-SEP | 29   | 36   | 42   | 78% | 47   | 56   | 54   |
| Sangre de Cristo Ck <sup>2</sup>              |         |      |      |      |     |      |      |      |
|   | MAY-SEP | 0.08 | 0.76 | 1.62 | 18% | 2.8  | 5.2  | 9.1  |
| Los Pinos R nr Ortiz                          |         |      |      |      |     |      |      |      |
|   | APR-SEP | 43   | 48   | 52   | 85% | 56   | 63   | 61   |
|   | MAY-SEP | 24   | 29   | 33   | 67% | 37   | 44   | 49   |
| Rio Grande nr Del Norte <sup>2</sup>          |         |      |      |      |     |      |      |      |
|   | APR-SEP | 220  | 265  | 300  | 63% | 335  | 395  | 480  |
|   | MAY-SEP | 156  | 200  | 235  | 56% | 270  | 330  | 420  |
| Saguache Ck nr Saguache                       |         |      |      |      |     |      |      |      |
|   | APR-SEP | 8.6  | 12.8 | 16.3 | 58% | 20   | 27   | 28   |
|   | MAY-SEP | 5.8  | 10   | 13.5 | 54% | 17.5 | 24   | 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>Rio Hondo</b>         | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rio Ruidoso at Hollywood |                 |           |           |           |          |           |           |                   |
|                          | MAR-JUN         | 0.73      | 0.91      | 1.09      | 32%      | 1.32      | 1.73      | 3.4               |
|                          | MAY-JUN         | 0.09      | 0.27      | 0.45      | 33%      | 0.68      | 1.09      | 1.36              |

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

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|---|
| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>San Francisco</b>        | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-----------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| San Francisco R at Clifton  |                 |           |           |           |          |           |           |                   |
| San Francisco R at Glenwood |                 |           |           |           |          |           |           |                   |

- 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>San Juan</b>                             | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rio Blanco at Blanco Diversion <sup>2</sup> |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 27        | 32        | 36        | 75%      | 41        | 48        | 48                |
|   | MAY-JUL         | 17        | 22        | 26        | 62%      | 31        | 38        | 42                |
| Navajo R bl Oso Diversion <sup>2</sup>      |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 30        | 36        | 41        | 73%      | 46        | 54        | 56                |
|   | MAY-JUL         | 21        | 27        | 32        | 68%      | 37        | 45        | 47                |
| San Juan R nr Carracas <sup>2</sup>         |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 168       | 200       | 230       | 69%      | 255       | 300       | 335               |
|   | MAY-JUL         | 102       | 136       | 162       | 58%      | 190       | 235       | 280               |
| Lemon Reservoir Inflow <sup>2</sup>         |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 25        | 30        | 33        | 73%      | 37        | 44        | 45                |
|   | MAY-JUL         | 19.6      | 25        | 28        | 68%      | 32        | 39        | 41                |
| Piedra R nr Arboles                         |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 75        | 91        | 104       | 59%      | 118       | 141       | 175               |
|   | MAY-JUL         | 41        | 57        | 70        | 55%      | 84        | 107       | 128               |
| Animas R at Durango                         |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 205       | 245       | 270       | 72%      | 300       | 345       | 375               |
|   | MAY-JUL         | 171       | 210       | 235       | 71%      | 265       | 310       | 330               |
| Navajo Reservoir Inflow <sup>2</sup>        |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 260       | 325       | 375       | 60%      | 430       | 515       | 630               |
|   | MAY-JUL         | 139       | 200       | 250       | 53%      | 305       | 390       | 475               |
| Vallecito Reservoir Inflow <sup>2</sup>     |                 |           |           |           |          |           |           |                   |
|   | APR-JUL         | 87        | 104       | 117       | 69%      | 131       | 154       | 169               |
|   | MAY-JUL         | 60        | 77        | 90        | 60%      | 104       | 127       | 149               |

- 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>Upper Gila</b>           | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-----------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Gila R at Gila              |                 |           |           |           |          |           |           |                   |
| Gila R bl Blue Ck nr Virden |                 |           |           |           |          |           |           |                   |

- 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<br>Chance that actual volume will exceed forecast |
|---|

| <b>Upper Rio Grande</b>                   | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Costilla Reservoir Inflow <sup>2</sup>    | MAR-JUL         | 2.2       | 3         | 3.6       | 35%      | 4.3       | 5.6       | 10.3              |
|   | MAY-JUL         | 1.09      | 1.85      | 2.5       | 30%      | 3.2       | 4.5       | 8.4               |
| Costilla Ck nr Costilla <sup>2</sup>      | MAR-JUL         | 4.2       | 5.6       | 6.9       | 31%      | 8.4       | 11.2      | 22                |
|   | MAY-JUL         | 1         | 2.4       | 3.7       | 20%      | 5.2       | 8         | 18.1              |
| Red R bl Fish Hatchery nr Questa          | MAR-JUL         | 10.3      | 12.6      | 14.5      | 47%      | 16.6      | 20        | 31                |
|   | MAY-JUL         | 4.3       | 6.6       | 8.5       | 35%      | 10.6      | 14.1      | 24                |
| Rio Lucero nr Arroyo Seco                 | MAR-JUL         | 2.9       | 3.8       | 4.5       | 45%      | 5.3       | 6.7       | 10.1              |
|   | MAY-JUL         | 1.71      | 2.6       | 3.3       | 39%      | 4.1       | 5.5       | 8.4               |
| Rio Pueblo de Taos nr Taos                | MAR-JUL         | 4.4       | 5.5       | 6.4       | 51%      | 7.5       | 9.3       | 12.5              |
|   | MAY-JUL         | 1.12      | 2.2       | 3.1       | 31%      | 4.2       | 6         | 10                |
| Rio Pueblo de Taos bl Los Cordovas        | MAR-JUL         | 5.1       | 6.6       | 8.9       | 42%      | 12        | 18.2      | 21                |
|   | MAY-JUL         | 0.07      | 1.59      | 3.8       | 28%      | 6.9       | 13.1      | 13.8              |
| Rio Hondo nr Valdez                       | MAR-JUL         | 4.9       | 6.4       | 7.5       | 50%      | 8.8       | 10.9      | 15.1              |
|   | MAY-JUL         | 3         | 4.5       | 5.6       | 44%      | 6.9       | 9         | 12.8              |
| Embudo Ck at Dixon                        | MAR-JUL         | 9.1       | 12.5      | 15.6      | 49%      | 19.4      | 26        | 32                |
|   | MAY-JUL         | 2.7       | 6.1       | 9.2       | 42%      | 13        | 19.7      | 22                |
| Santa Cruz R at Cundiyo                   | MAR-JUL         | 4.1       | 5.1       | 5.9       | 36%      | 6.9       | 8.5       | 16.6              |
|   | MAY-JUL         | 1.5       | 2.5       | 3.3       | 33%      | 4.3       | 5.9       | 9.9               |
| Nambe Falls Reservoir Inflow <sup>2</sup> | MAR-JUL         | 1.64      | 2.1       | 2.5       | 45%      | 3         | 3.7       | 5.6               |
|   | MAY-JUL         | 0.91      | 1.42      | 1.82      | 44%      | 2.3       | 3         | 4.1               |
| Tesuque Ck ab diversions                  | MAR-JUL         | 0.18      | 0.27      | 0.36      | 32%      | 0.48      | 0.69      | 1.13              |
|   | MAY-JUL         | 0.05      | 0.14      | 0.23      | 32%      | 0.35      | 0.56      | 0.72              |
| Rio Grande at Otowi Bridge <sup>2</sup>   | MAR-JUL         | 199       | 230       | 260       | 46%      | 290       | 340       | 565               |
|   | MAY-JUL         | 59        | 92        | 120       | 32%      | 150       | 200       | 375               |
| Santa Fe R nr Santa Fe <sup>2</sup>       | MAR-JUL         | 0.96      | 1.18      | 1.37      | 42%      | 1.59      | 1.98      | 3.3               |
|   | MAY-JUL         | 0.25      | 0.47      | 0.66      | 31%      | 0.88      | 1.27      | 2.1               |
| Rio Grande at San Marcial <sup>2</sup>    | MAR-JUL         | -110      | -27       | 29        | 8%       | 85        | 168       | 345               |
|   | MAY-JUL         | -174      | -91       | -35       | -18%     | 21        | 104       | 195               |

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

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

|   |
|---|
| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>Zuni-Bluewater</b>          | 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

### Canadian Streamflow Forecasts - May 1, 2022

|   |
|---|
| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| Canadian                                 | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rayado Ck nr Cimarron                    | MAR-JUN         | 1.18      | 1.52      | 1.9       | 37%      | 2.4       | 3.4       | 5.1               |
|  | MAY-JUN         | 0.07      | 0.41      | 0.79      | 29%      | 1.29      | 2.3       | 2.7               |
| Eagle Nest Reservoir Inflow <sup>2</sup> | MAR-JUN         | -0.55     | 1.47      | 2.8       | 42%      | 4.1       | 6.2       | 6.7               |
|  | MAY-JUN         | -3.3      | -1.28     | 0.05      | 2%       | 1.35      | 3.5       | 2.4               |
| Ponil Ck nr Cimarron                     | MAR-JUN         | 0.95      | 1.3       | 1.7       | 31%      | 2.2       | 3.3       | 5.4               |
|  | MAY-JUN         | 0.08      | 0.43      | 0.83      | 27%      | 1.33      | 2.4       | 3.1               |
| Cimarron R nr Cimarron <sup>2</sup>      | MAR-JUN         | -0.49     | 2.9       | 5.2       | 57%      | 7.5       | 10.9      | 9.2               |
|  | MAY-JUN         | -4.5      | -1.11     | 1.19      | 26%      | 3.5       | 6.9       | 4.5               |
| Vermejo R nr Dawson                      | MAR-JUN         | 0.67      | 0.95      | 1.3       | 25%      | 1.78      | 2.7       | 5.3               |
|  | MAY-JUN         | 0.04      | 0.32      | 0.67      | 18%      | 1.15      | 2.1       | 3.8               |

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

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

| Reservoir Storage<br>End of April, 2022 | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) |
|---|---------------|-----------------|--------------|----------------|
| Conchas Lake                            | 15.0          | 11.0            | 124.6        | 254.4          |
| Eagle Nest Lake nr Eagle Nest, NM       | 38.4          | 37.6            | 48.0         | 79.0           |

| Watershed Snowpack Analysis<br>May 1, 2022 | # of Sites | % Median | Last Year % Median |
|--|------------|----------|--------------------|
| Canadian                                   | 6          | 1%       | 11%                |

**Jemez  
Streamflow Forecasts - May 1, 2022**

|   |
|---|
| Forecast Exceedance Probabilities For Risk Assessment<br>Chance that actual volume will exceed forecast |
|---|

| <b>Jemez</b>                | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|-----------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Jemez R bl Jemez Canyon Dam | MAR-JUL         | 5         | 6.3       | 7.8       | 35%      | 9.7       | 13.3      | 22                |
|                             | MAY-JUL         | 0.38      | 1.72      | 3.2       | 40%      | 5.1       | 8.7       | 8                 |
| Jemez R nr Jemez            | MAR-JUL         | 9.9       | 11.6      | 13.1      | 45%      | 14.7      | 17.5      | 29                |
|                             | MAY-JUL         | 2.4       | 4.1       | 5.6       | 42%      | 7.2       | 10        | 13.2              |

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

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

| <b>Watershed Snowpack Analysis<br/>May 1, 2022</b> | # of Sites | % Median | Last Year<br>% Median |
|--|------------|----------|-----------------------|
| Jemez  | 3          |          |                       |



## Pecos Streamflow Forecasts - May 1, 2022

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

| Pecos                    | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Pecos R nr Pecos         | MAR-JUL         | 16.6      | 21        | 24        | 45%      | 28        | 34        | 53                |
|                          | MAY-JUL         | 6         | 10        | 13.2      | 33%      | 16.9      | 23        | 40                |
| Gallinas Ck nr Montezuma | MAR-JUL         | 1.28      | 1.8       | 2.3       | 29%      | 3.1       | 4.4       | 8                 |
|                          | MAY-JUL         | 0.17      | 0.69      | 1.24      | 30%      | 1.96      | 3.3       | 4.2               |
| Pecos R nr Anton Chico   | MAR-JUL         | 8.3       | 11.6      | 15.2      | 29%      | 19.8      | 28        | 53                |
|                          | MAY-JUL         | 1.23      | 4.6       | 8.2       | 27%      | 12.8      | 21        | 30                |
| Pecos R ab Santa Rosa Lk | MAR-JUL         | 1.62      | 4.9       | 8.3       | 20%      | 12.7      | 20        | 41                |
|                          | MAY-JUL         | 1.15      | 4.4       | 7.8       | 29%      | 12.2      | 20        | 27                |

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

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

| Reservoir Storage<br>End of April, 2022 | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) |
|---|---------------|-----------------|--------------|----------------|
| Brantley Lake nr Carlsbad               | 23.2          | 15.0            | 26.4         | 1008.2         |
| Lake Avalon                             |               | 1.0             | 1.3          | 4.0            |
| Lake Sumner                             | 13.9          | 15.8            | 26.9         | 102.0          |
| Santa Rosa Reservoir                    | 17.6          | 3.7             | 59.8         | 432.2          |

| Watershed Snowpack Analysis<br>May 1, 2022 | # of Sites | % Median | Last Year % Median |
|--|------------|----------|--------------------|
| Pecos                                      | 4          | 17%      | 6%                 |

## Rio Chama Streamflow Forecasts - May 1, 2022

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

| Rio Chama                             | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---------------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| El Vado Reservoir Inflow <sup>2</sup> | MAR-JUL         | 95        | 111       | 124       | 67%      | 137       | 160       | 186               |
|                                       | MAY-JUL         | 37        | 53        | 66        | 55%      | 79        | 102       | 121               |

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

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

| Reservoir Storage<br>End of April, 2022 | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) |
|---|---------------|-----------------|--------------|----------------|
| Heron Reservoir                         | 58.6          | 65.7            | 242.5        | 400.0          |
| El Vado Reservoir                       | 17.5          | 14.3            | 118.5        | 184.8          |
| Abiquiu Reservoir                       | 80.9          | 70.5            | 171.6        | 1198.5         |

| Watershed Snowpack Analysis<br>May 1, 2022 | # of Sites | % Median | Last Year % Median |
|--|------------|----------|--------------------|
| Rio Chama                                  | 4          | 48%      | 60%                |

### Rio Grande Headwaters Streamflow Forecasts - May 1, 2022

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

| Rio Grande Headwaters                         | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Trinchera Ck ab Turners Ranch                 | APR-SEP         | 1.97      | 3         | 3.8       | 37%      | 4.7       | 6.3       | 10.3              |
|   | MAY-SEP         | 1.38      | 2.4       | 3.2       | 34%      | 4.1       | 5.7       | 9.3               |
| La Jara Ck nr Capulin                         |                 |           |           |           |          |           |           |                   |
|   | MAY-JUL         | 1.34      | 2.1       | 2.7       | 59%      | 3.4       | 4.6       | 4.6               |
| San Antonio R at Ortiz                        | APR-SEP         | 6.4       | 7         | 7.5       | 78%      | 8         | 8.9       | 9.6               |
|   | MAY-SEP         | 1.4       | 2         | 2.5       | 53%      | 3         | 3.9       | 4.7               |
| Rio Grande at Wagon Wheel Gap <sup>2</sup>    | APR-SEP         | 136       | 165       | 187       | 60%      | 210       | 250       | 310               |
|   | MAY-SEP         | 99        | 128       | 150       | 53%      | 174       | 215       | 285               |
| Rio Grande at Thirty Mile Bridge <sup>2</sup> | APR-JUL         | 54        | 70        | 80        | 72%      | 91        | 106       | 111               |
|   | APR-SEP         | 60        | 78        | 91        | 76%      | 103       | 122       | 120               |
|   | MAY-JUL         | 43        | 59        | 69        | 69%      | 80        | 95        | 100               |
|   | MAY-SEP         | 49        | 67        | 80        | 73%      | 92        | 111       | 110               |
| Culebra Ck at San Luis                        | APR-SEP         | 2.4       | 4.4       | 6.3       | 38%      | 8.5       | 12.4      | 16.7              |
|   | MAY-SEP         | 1.79      | 3.8       | 5.7       | 37%      | 7.9       | 11.8      | 15.5              |
| Ute Ck nr Fort Garland                        |                 |           |           |           |          |           |           |                   |
|   | MAY-SEP         | 1.55      | 2.7       | 3.6       | 35%      | 4.6       | 6.4       | 10.4              |
| Alamosa Ck ab Terrace Reservoir               | APR-SEP         | 38        | 45        | 51        | 84%      | 57        | 66        | 61                |
|   | MAY-SEP         | 27        | 34        | 40        | 73%      | 46        | 55        | 55                |
| Rio Grande nr Lobatos                         |                 |           |           |           |          |           |           |                   |
| Conejos R nr Mogote <sup>2</sup>              | APR-SEP         | 113       | 131       | 145       | 86%      | 160       | 183       | 168               |
|   | MAY-SEP         | 88        | 106       | 120       | 79%      | 135       | 158       | 152               |
| SF Rio Grande at South Fork <sup>2</sup>      | APR-SEP         | 74        | 86        | 95        | 85%      | 105       | 120       | 112               |
|   | MAY-SEP         | 48        | 60        | 69        | 71%      | 79        | 94        | 97                |
| Platoro Reservoir Inflow <sup>2</sup>         | APR-JUL         | 33        | 39        | 44        | 86%      | 49        | 57        | 51                |
|   | APR-SEP         | 35        | 42        | 48        | 84%      | 53        | 62        | 57                |
|   | MAY-JUL         | 27        | 33        | 38        | 78%      | 43        | 51        | 49                |
|   | MAY-SEP         | 29        | 36        | 42        | 78%      | 47        | 56        | 54                |
| Sangre de Cristo Ck <sup>2</sup>              |                 |           |           |           |          |           |           |                   |
|   | MAY-SEP         | 0.08      | 0.76      | 1.62      | 18%      | 2.8       | 5.2       | 9.1               |
| Los Pinos R nr Ortiz                          | APR-SEP         | 43        | 48        | 52        | 85%      | 56        | 63        | 61                |
|   | MAY-SEP         | 24        | 29        | 33        | 67%      | 37        | 44        | 49                |
| Rio Grande nr Del Norte <sup>2</sup>          | APR-SEP         | 220       | 265       | 300       | 63%      | 335       | 395       | 480               |
|   | MAY-SEP         | 156       | 200       | 235       | 56%      | 270       | 330       | 420               |
| Saguache Ck nr Saguache                       | APR-SEP         | 8.6       | 12.8      | 16.3      | 58%      | 20        | 27        | 28                |
|   | MAY-SEP         | 5.8       | 10        | 13.5      | 54%      | 17.5      | 24        | 25                |

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

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

| Reservoir Storage<br>End of April, 2022 | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) |
|---|---------------|-----------------|--------------|----------------|
| Sanchez Reservoir                       | 6.7           | 5.5             | 20.6         | 103.0          |
| Santa Maria Reservoir                   | 11.6          | 13.0            | 7.5          | 45.0           |
| La Jara Reservoir                       | 1.7           | 2.2             | 2.3          | 0.0            |
| Continental Reservoir                   | 12.1          | 11.2            | 7.0          | 27.0           |
| Beaver Reservoir                        | 3.9           | 3.7             | 4.4          | 4.5            |
| Rio Grande Reservoir                    | 23.8          | 21.5            | 19.5         | 51.0           |
| Mountain Home Reservoir                 | 4.7           | 3.0             | 3.6          | 18.0           |
| Platoro Reservoir                       | 14.4          | 14.5            | 18.3         | 60.0           |
| Terrace Reservoir                       | 7.4           | 7.4             | 8.1          | 18.0           |

| Watershed Snowpack Analysis<br>May 1, 2022 | # of Sites | % Median | Last Year % Median |
|--|------------|----------|--------------------|
| Rio Grande Headwaters                      | 20         | 43%      | 76%                |

## Upper Rio Grande Streamflow Forecasts - May 1, 2022

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

| Upper Rio Grande                          | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Costilla Reservoir Inflow <sup>2</sup>    | MAR-JUL         | 2.2       | 3         | 3.6       | 35%      | 4.3       | 5.6       | 10.3              |
|   | MAY-JUL         | 1.09      | 1.85      | 2.5       | 30%      | 3.2       | 4.5       | 8.4               |
| Costilla Ck nr Costilla <sup>2</sup>      | MAR-JUL         | 4.2       | 5.6       | 6.9       | 31%      | 8.4       | 11.2      | 22                |
|   | MAY-JUL         | 1         | 2.4       | 3.7       | 20%      | 5.2       | 8         | 18.1              |
| Red R bl Fish Hatchery nr Questa          | MAR-JUL         | 10.3      | 12.6      | 14.5      | 47%      | 16.6      | 20        | 31                |
|   | MAY-JUL         | 4.3       | 6.6       | 8.5       | 35%      | 10.6      | 14.1      | 24                |
| Rio Lucero nr Arroyo Seco                 | MAR-JUL         | 2.9       | 3.8       | 4.5       | 45%      | 5.3       | 6.7       | 10.1              |
|   | MAY-JUL         | 1.71      | 2.6       | 3.3       | 39%      | 4.1       | 5.5       | 8.4               |
| Rio Pueblo de Taos nr Taos                | MAR-JUL         | 4.4       | 5.5       | 6.4       | 51%      | 7.5       | 9.3       | 12.5              |
|   | MAY-JUL         | 1.12      | 2.2       | 3.1       | 31%      | 4.2       | 6         | 10                |
| Rio Pueblo de Taos bl Los Cordovas        | MAR-JUL         | 5.1       | 6.6       | 8.9       | 42%      | 12        | 18.2      | 21                |
|   | MAY-JUL         | 0.07      | 1.59      | 3.8       | 28%      | 6.9       | 13.1      | 13.8              |
| Rio Hondo nr Valdez                       | MAR-JUL         | 4.9       | 6.4       | 7.5       | 50%      | 8.8       | 10.9      | 15.1              |
|   | MAY-JUL         | 3         | 4.5       | 5.6       | 44%      | 6.9       | 9         | 12.8              |
| Embudo Ck at Dixon                        | MAR-JUL         | 9.1       | 12.5      | 15.6      | 49%      | 19.4      | 26        | 32                |
|   | MAY-JUL         | 2.7       | 6.1       | 9.2       | 42%      | 13        | 19.7      | 22                |
| Santa Cruz R at Cundiyo                   | MAR-JUL         | 4.1       | 5.1       | 5.9       | 36%      | 6.9       | 8.5       | 16.6              |
|   | MAY-JUL         | 1.5       | 2.5       | 3.3       | 33%      | 4.3       | 5.9       | 9.9               |
| Nambe Falls Reservoir Inflow <sup>2</sup> | MAR-JUL         | 1.64      | 2.1       | 2.5       | 45%      | 3         | 3.7       | 5.6               |
|   | MAY-JUL         | 0.91      | 1.42      | 1.82      | 44%      | 2.3       | 3         | 4.1               |
| Tesuque Ck ab diversions                  | MAR-JUL         | 0.18      | 0.27      | 0.36      | 32%      | 0.48      | 0.69      | 1.13              |
|   | MAY-JUL         | 0.05      | 0.14      | 0.23      | 32%      | 0.35      | 0.56      | 0.72              |
| Rio Grande at Otowi Bridge <sup>2</sup>   | MAR-JUL         | 199       | 230       | 260       | 46%      | 290       | 340       | 565               |
|   | MAY-JUL         | 59        | 92        | 120       | 32%      | 150       | 200       | 375               |
| Santa Fe R nr Santa Fe <sup>2</sup>       | MAR-JUL         | 0.96      | 1.18      | 1.37      | 42%      | 1.59      | 1.98      | 3.3               |
|   | MAY-JUL         | 0.25      | 0.47      | 0.66      | 31%      | 0.88      | 1.27      | 2.1               |
| Rio Grande at San Marcial <sup>2</sup>    | MAR-JUL         | -110      | -27       | 29        | 8%       | 85        | 168       | 345               |
|   | MAY-JUL         | -174      | -91       | -35       | -18%     | 21        | 104       | 195               |

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

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

| Reservoir Storage<br>End of April, 2022 | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) |
|---|---------------|-----------------|--------------|----------------|
| Caballo Reservoir                       | 15.2          | 29.6            | 60.2         | 332.0          |
| Cochiti Lake                            | 42.5          | 42.3            | 51.6         | 491.0          |
| Costilla Reservoir                      | 5.2           | 4.6             | 8.3          | 16.0           |
| Elephant Butte Reservoir                | 256.5         | 225.0           | 532.5        | 2195.0         |
| McClure Reservoir                       | 0.6           | 0.7             | 2.0          | 3.3            |
| Nambe Falls Reservoir                   | 1.7           | 1.7             | 2.0          | 1.7            |

| Watershed Snowpack Analysis<br>May 1, 2022 | # of Sites | % Median | Last Year % Median |
|--|------------|----------|--------------------|
| Upper Rio Grande                           | 12         | 61%      | 66%                |

**Mimbres**  
**Streamflow Forecasts - May 1, 2022**

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

| Mimbres              | Forecast<br>Period | 90%<br>(KAF) | 70%<br>(KAF) | 50%<br>(KAF) | % Median | 30%<br>(KAF) | 10%<br>(KAF) | 30yr Median<br>(KAF) |
|----------------------|--------------------|--------------|--------------|--------------|----------|--------------|--------------|----------------------|
| Mimbres R at Mimbres |                    |              |              |              |          |              |              |                      |

- 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

| <b>Watershed Snowpack Analysis</b><br><b>May 1, 2022</b> | # of Sites | % Median | Last Year<br>% Median |
|--|------------|----------|-----------------------|
| Mimbres  | 2          |          |                       |



## San Francisco Streamflow Forecasts - May 1, 2022

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

| San Francisco               | Forecast<br>Period | 90%<br>(KAF) | 70%<br>(KAF) | 50%<br>(KAF) | % Median | 30%<br>(KAF) | 10%<br>(KAF) | 30yr Median<br>(KAF) |
|-----------------------------|--------------------|--------------|--------------|--------------|----------|--------------|--------------|----------------------|
| <hr/>                       |                    |              |              |              |          |              |              |                      |
| San Francisco R at Clifton  |                    |              |              |              |          |              |              |                      |
| <hr/>                       |                    |              |              |              |          |              |              |                      |
| San Francisco R at Glenwood |                    |              |              |              |          |              |              |                      |
| <hr/>                       |                    |              |              |              |          |              |              |                      |

- 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

| <b>Watershed Snowpack Analysis<br/>May 1, 2022</b> | # of Sites | % Median | Last Year<br>% Median |
|--|------------|----------|-----------------------|
| San Francisco                                      | 6          |          |                       |

## Upper Gila Streamflow Forecasts - May 1, 2022

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

| Upper Gila                  | Forecast<br>Period | 90%<br>(KAF) | 70%<br>(KAF) | 50%<br>(KAF) | % Median | 30%<br>(KAF) | 10%<br>(KAF) | 30yr Median<br>(KAF) |
|-----------------------------|--------------------|--------------|--------------|--------------|----------|--------------|--------------|----------------------|
| Gila R at Gila              |                    |              |              |              |          |              |              |                      |
| Gila R bl Blue Ck nr Virden |                    |              |              |              |          |              |              |                      |

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

| Watershed Snowpack Analysis<br>May 1, 2022 | # of Sites | % Median | Last Year<br>% Median |
|--|------------|----------|-----------------------|
| Upper Gila                                 | 3          |          |                       |

## Zuni-Bluewater Streamflow Forecasts - May 1, 2022

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

| Zuni-Bluewater                 | Forecast<br>Period | 90%<br>(KAF) | 70%<br>(KAF) | 50%<br>(KAF) | % Median | 30%<br>(KAF) | 10%<br>(KAF) | 30yr Median<br>(KAF) |
|--------------------------------|--------------------|--------------|--------------|--------------|----------|--------------|--------------|----------------------|
| <hr/>                          |                    |              |              |              |          |              |              |                      |
| 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

| Reservoir Storage<br>End of April, 2022 | Current<br>(KAF) | Last Year<br>(KAF) | Median<br>(KAF) | Capacity<br>(KAF) |
|---|------------------|--------------------|-----------------|-------------------|
| Bluewater Lake                          | 1.7              | 2.9                | 6.1             | 38.5              |

| Watershed Snowpack Analysis<br>May 1, 2022 | # of Sites | % Median | Last Year<br>% Median |
|--|------------|----------|-----------------------|
| Zuni-Bluewater                             | 1          |          |                       |

**Rio Hondo**  
**Streamflow Forecasts - May 1, 2022**

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

| <b>Rio Hondo</b>         | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|--------------------------|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rio Ruidoso at Hollywood | MAR-JUN         | 0.73      | 0.91      | 1.09      | 32%      | 1.32      | 1.73      | 3.4               |
|                          | MAY-JUN         | 0.09      | 0.27      | 0.45      | 33%      | 0.68      | 1.09      | 1.36              |

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

| <b>Watershed Snowpack Analysis</b><br><b>May 1, 2022</b> | # of Sites | % Median | Last Year % Median |
|--|------------|----------|--------------------|
| Rio Hondo  | 1          |          |                    |

## San Juan Streamflow Forecasts - May 1, 2022

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

| San Juan                                    | Forecast Period | 90% (KAF) | 70% (KAF) | 50% (KAF) | % Median | 30% (KAF) | 10% (KAF) | 30yr Median (KAF) |
|---|-----------------|-----------|-----------|-----------|----------|-----------|-----------|-------------------|
| Rio Blanco at Blanco Diversion <sup>2</sup> | APR-JUL         | 27        | 32        | 36        | 75%      | 41        | 48        | 48                |
|   | MAY-JUL         | 17        | 22        | 26        | 62%      | 31        | 38        | 42                |
| Navajo R bl Oso Diversion <sup>2</sup>      | APR-JUL         | 30        | 36        | 41        | 73%      | 46        | 54        | 56                |
|   | MAY-JUL         | 21        | 27        | 32        | 68%      | 37        | 45        | 47                |
| San Juan R nr Carracas <sup>2</sup>         | APR-JUL         | 168       | 200       | 230       | 69%      | 255       | 300       | 335               |
|   | MAY-JUL         | 102       | 136       | 162       | 58%      | 190       | 235       | 280               |
| Lemon Reservoir Inflow <sup>2</sup>         | APR-JUL         | 25        | 30        | 33        | 73%      | 37        | 44        | 45                |
|   | MAY-JUL         | 19.6      | 25        | 28        | 68%      | 32        | 39        | 41                |
| Piedra R nr Arboles                         | APR-JUL         | 75        | 91        | 104       | 59%      | 118       | 141       | 175               |
|   | MAY-JUL         | 41        | 57        | 70        | 55%      | 84        | 107       | 128               |
| Animas R at Durango                         | APR-JUL         | 205       | 245       | 270       | 72%      | 300       | 345       | 375               |
|   | MAY-JUL         | 171       | 210       | 235       | 71%      | 265       | 310       | 330               |
| Navajo Reservoir Inflow <sup>2</sup>        | APR-JUL         | 260       | 325       | 375       | 60%      | 430       | 515       | 630               |
|   | MAY-JUL         | 139       | 200       | 250       | 53%      | 305       | 390       | 475               |
| Vallecito Reservoir Inflow <sup>2</sup>     | APR-JUL         | 87        | 104       | 117       | 69%      | 131       | 154       | 169               |
|   | MAY-JUL         | 60        | 77        | 90        | 60%      | 104       | 127       | 149               |

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

| <b>Reservoir Storage<br/>End of April, 2022</b> | Current (KAF) | Last Year (KAF) | Median (KAF) | Capacity (KAF) |
|---|---------------|-----------------|--------------|----------------|
| Navajo Reservoir                                | 898.3         | 1044.6          | 1393.0       | 1696.0         |
| Lemon Reservoir                                 | 19.0          | 13.2            | 22.4         | 40.0           |
| Vallecito Reservoir                             | 73.0          | 56.6            | 85.7         | 126.0          |

| <b>Watershed Snowpack Analysis<br/>May 1, 2022</b> | # of Sites | % Median | Last Year % Median |
|--|------------|----------|--------------------|
| San Juan   | 15         | 53%      | 69%                |

## Chuska-Defiance Streamflow Forecasts - May 1, 2022

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

| Chuska-Defiance                    | Forecast<br>Period | 90%<br>(KAF) | 70%<br>(KAF) | 50%<br>(KAF) | % Median | 30%<br>(KAF) | 10%<br>(KAF) | 30yr Median<br>(KAF) |
|------------------------------------|--------------------|--------------|--------------|--------------|----------|--------------|--------------|----------------------|
| Captain Tom Wash nr Two Gray Hills |                    |              |              |              |          |              |              |                      |
| Bowl Canyon Ck ab Asaayi Lake      |                    |              |              |              |          |              |              |                      |
| Wheatfields Ck nr Wheatfields      |                    |              |              |              |          |              |              |                      |

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

| Watershed Snowpack Analysis<br>May 1, 2022 | # of Sites | % Median | Last Year<br>% Median |
|--|------------|----------|-----------------------|
| Chuska-Defiance                            | 2          |          |                       |

# NEW MEXICO BASIN OUTLOOK REPORT

## Natural Resources Conservation Service

### Albuquerque, New Mexico

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