



Irrigation & Hydrology Update

September 2024

**Report reflects data obtained on September 5: refer to direct links for current listings*



New Mexico's '23 Rio Grande Compact Debt:
122,000 acre feet

Otowi Index Gage Flow:
~440 cfs

Water Delivery:
Water availability will be limited if there are no rain inflows once MRGCD is out of storage water in early September

September and October: Irrigators should expect limited irrigation deliveries for the rest of the irrigation season due to limited water availability

Helpful Links

Schedule my Water

Find my ISO

Gauge Readings

El Vado Dam Status

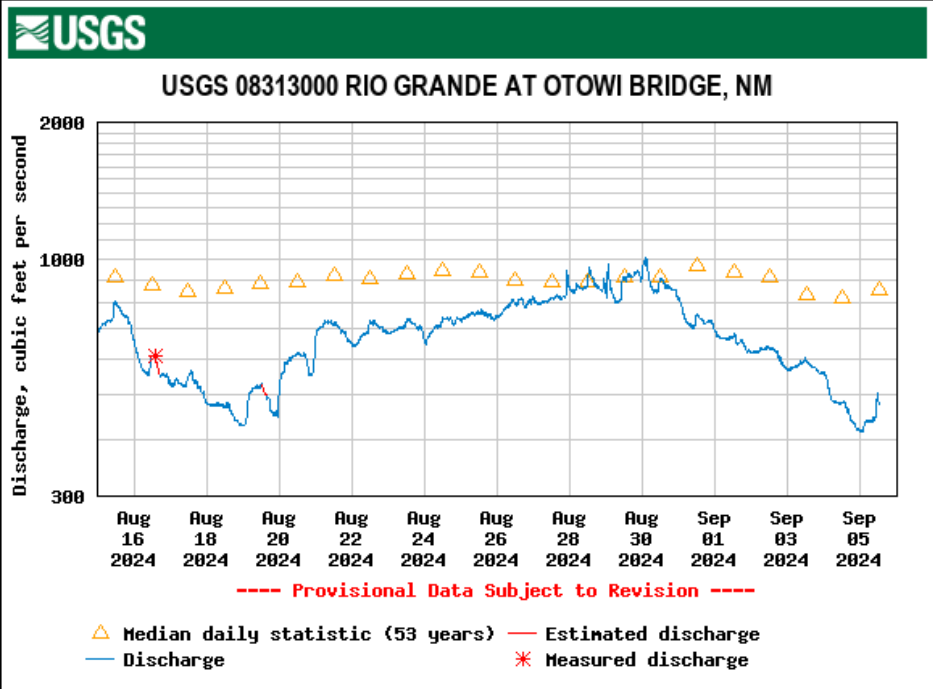
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SEPTEMBER 2024

MIDDLE RIO GRANDE INFLOW

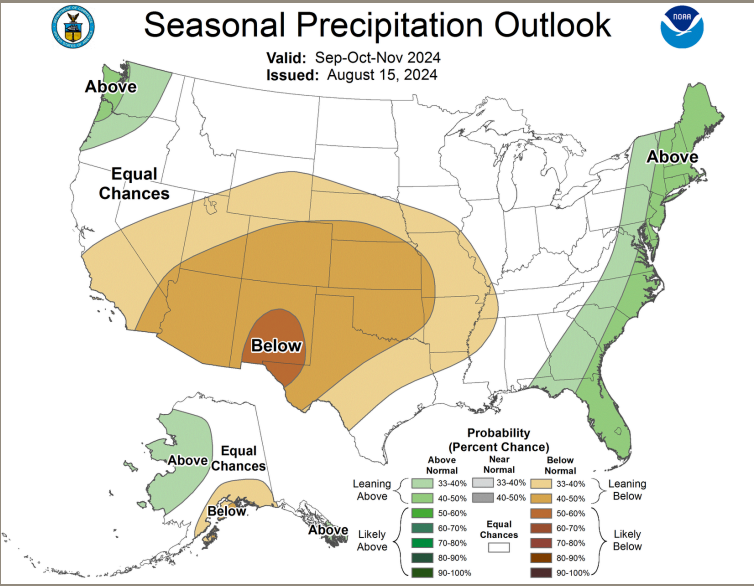
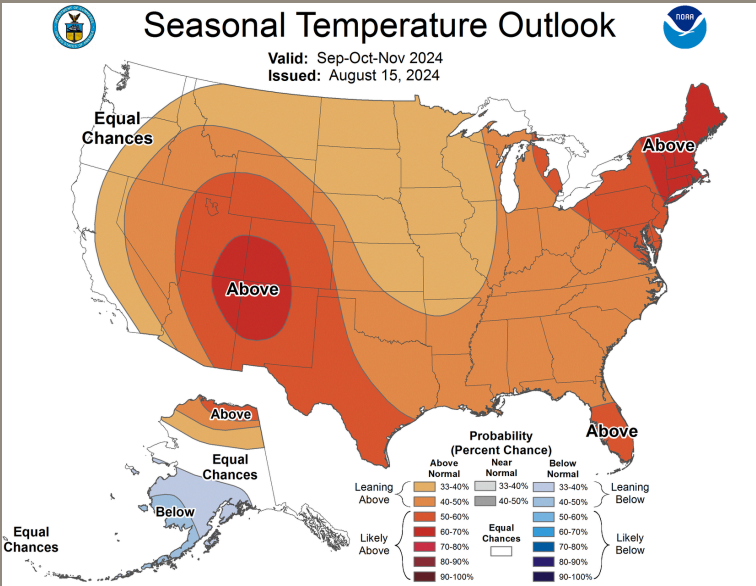
Inflow into the middle Rio Grande below Cochiti Dam is about 500 cfs and will continue to decline as MRGCD runs out of its available storage water. Inflow into the middle valley could be as low as 350 cfs once MRGCD is out of its storage water. This is well below what is needed to meet the agricultural and conveyance demand of the middle valley and its farmers



SAN JUAN CHAMA WATER

The only storage water available to MRGCD is its 2024 San Juan Chama allocation. San Juan Chama water is water imported from the San Juan Basin in Colorado and is not subject to the rules of the Rio Grande Compact. MRGCD began to release its San Juan Chama water from Abiquiu Dam on July 29th and will stop releasing around September 7th. MRGCD did receive a full San Juan Chama allocation this year of 20,900 acre-feet.

WEATHER OUTLOOK



RIO GRANDE COMPACT

New Mexico ended 2023 with a cumulative Rio Grande Compact debt of 122,000 acre feet of debt; an increase from last year's debt of 93,000 acre feet. To review the Rio Grande Compact, click on the graphic. The Rio Grande Compact applies to native Rio Grande water which is water that is generated within the Rio Grande basin.

WATER SUPPLY

The natural river flow is not enough to meet the agriculture and conveyance demands of the Middle Rio Grande Valley. To supplement low river flows, the MRGCD has been releasing San Juan Chama water from storage. MRGCD will have released all of its available storage water by around September 7. Once MRGCD is no longer releasing storage water, inflows into the middle valley will be about 350 cubic feet per second, not enough to meet the needs of farmers and their crops.

For the remainder of irrigation season, irrigators will again rely on natural river flow for an irrigation water supply. Irrigators should expect limited irrigation deliveries and extended periods with no water. Without rain inflows, it is likely that there is only enough water to meet the demands of the Pueblo's Prior and Paramount lands. This means that deliveries to non-pueblo irrigators north of Isleta Pueblo may be suspended.

MRGCD will continue delivering available supply until October 31, 2024. The MRGCD cannot make guarantees regarding the availability of water.