

Memo

To: MCCSD Board of Directors
From: District Superintendent
cc: Seph Petta
Date: July 24, 2024
Re: Groundwater Management Report

The 2023-24 Rain Year

October 1, 2023 was the beginning of the 2023-24 rain year. Average annual precipitation in Mendocino is 39.20 inches, and average rainfall in July is 0.08” inches. 0.09” inches of rainfall has been measured in the District for the month, as of July 23, 2024 (Figure 1, Table 1).

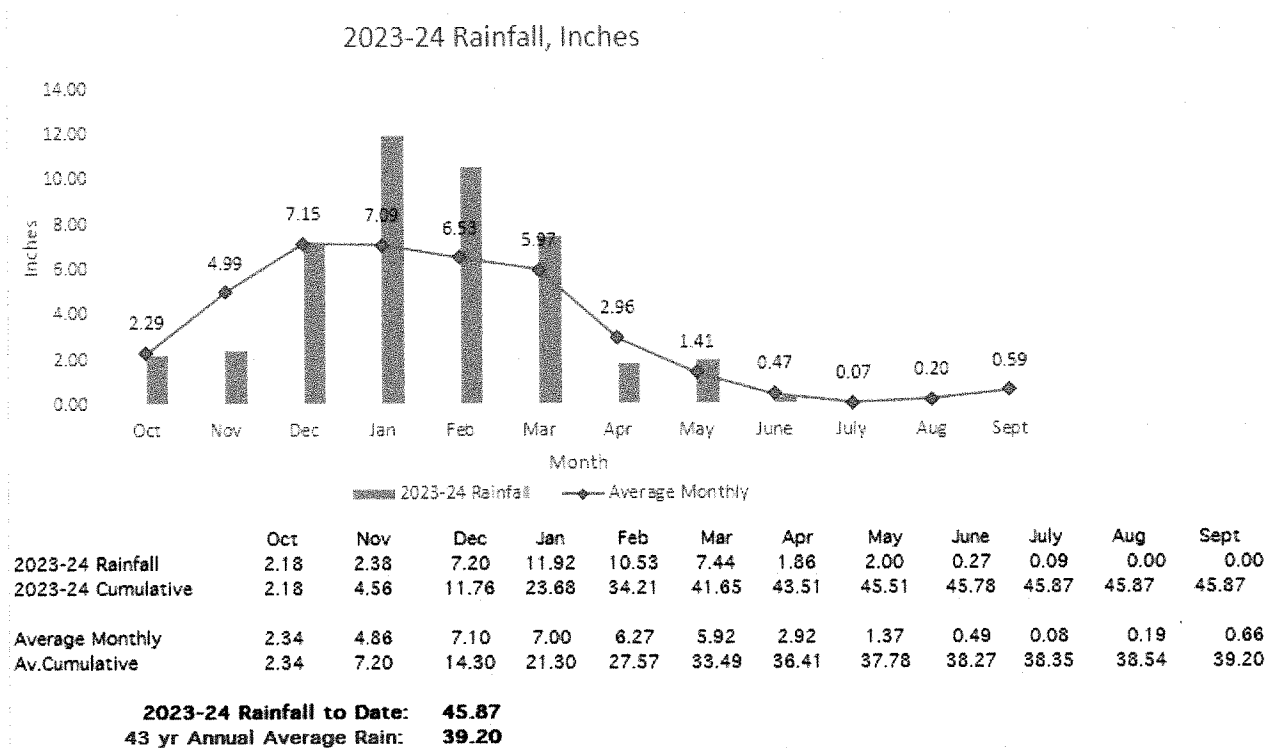


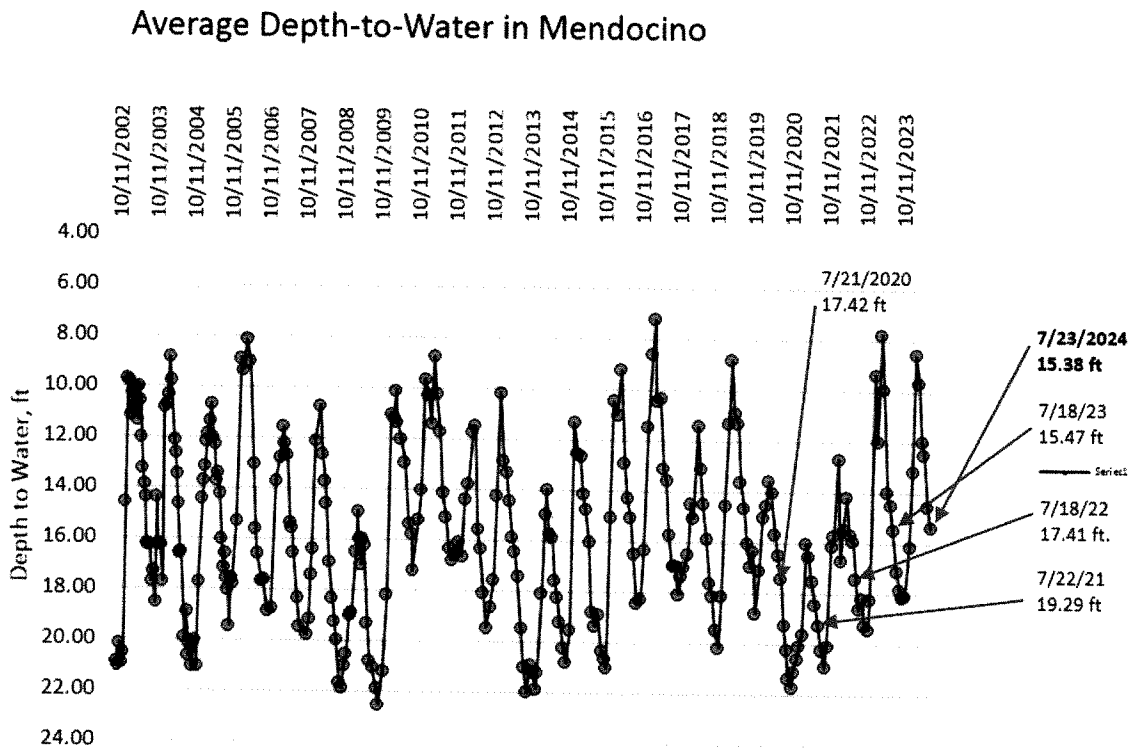
Figure 1, Table 1

Total Rainfall for Rain Year 2022-23 was 41.93” inches. Mendocino received 106% of normal annual rainfall during the last water year. By July 23, 2024, total rainfall since October 1, 2023 was 45.87” inches, 117 % of average annual rainfall.

July 2024 Depth-to-Water (DTW)

The average DTW measurements District-wide in the 24 monitoring wells on July 23, 2024 was 15.38 ft. DTW averages are 0.86 ft. below June of 2024. The DTW averages in the five drought monitoring wells reported and average of 18.06 ft. a decrease of 1.18' ft. from June of 2024. DTW averages are very similar to July 2023, and about 3 ft. better than a drought year like 2021.

Figure 2 July 2024, Depth-To-Water Chart



Following the Water Shortage Contingency Plan, May 31, 2024 was the most recent water shortage evaluation date. Current rainfall totals and depth to water averages indicate there is no water shortage in the District at this time.

There is currently one hydrological study scheduled for the year beginning on August 20th 2024, at 08:00 a.m. at 10550 Lansing St. If you believe your well might be impacted by this test and you would like to have it monitored during the study please contact Ishvi Aum, 707-813-7624 or aumconstruction@gmail.com at least 72 hrs. prior to August 20th, 2024.