

Memo

To: MCCSD Board of Directors
From: District Superintendent
cc: Seph Petta
Date: January 22, 2025
Re: Groundwater Management Report

The 2024-25 Rain Year

October 1, 2024 was the beginning of the 2024-25 rain year. Average annual precipitation in Mendocino is 39.20 inches, and average rainfall in January is 7.00" inches. 1.55" inches of rainfall have been measured in the District for the month, as of January 22, 2025 (Figure 1, Table 1).

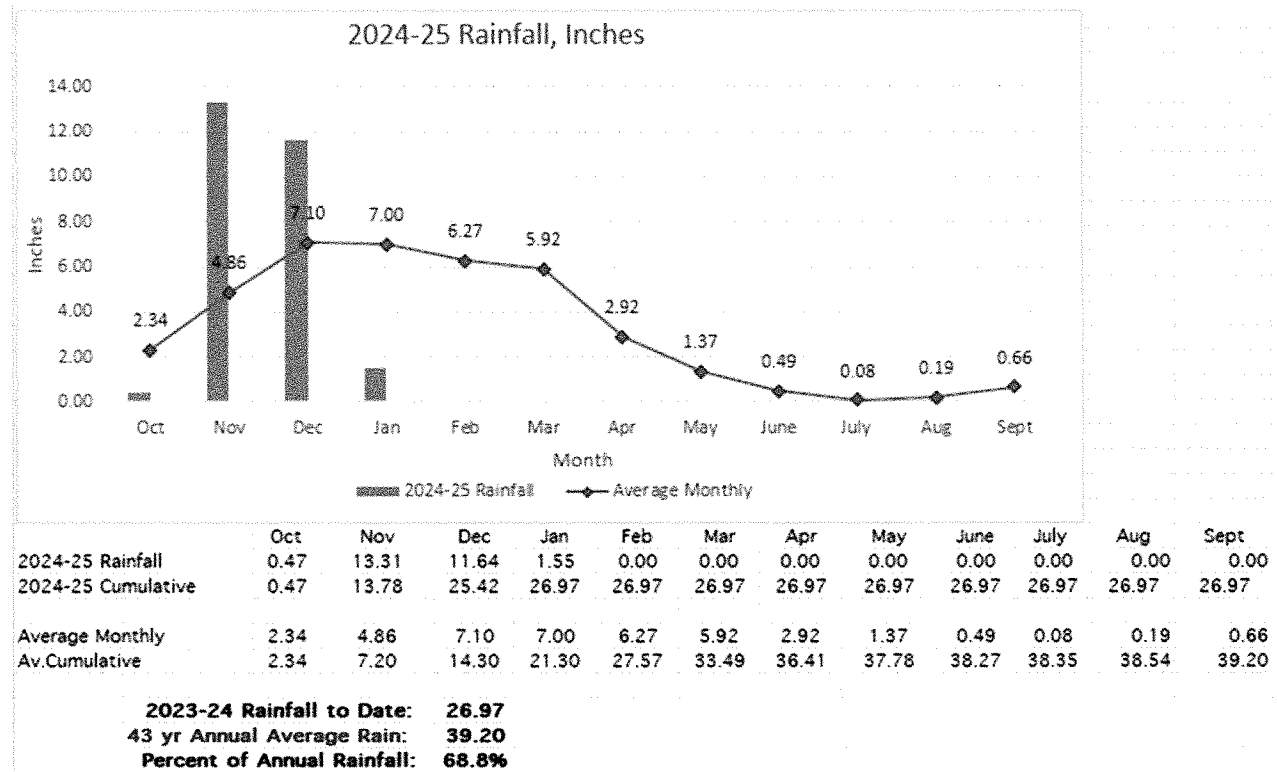
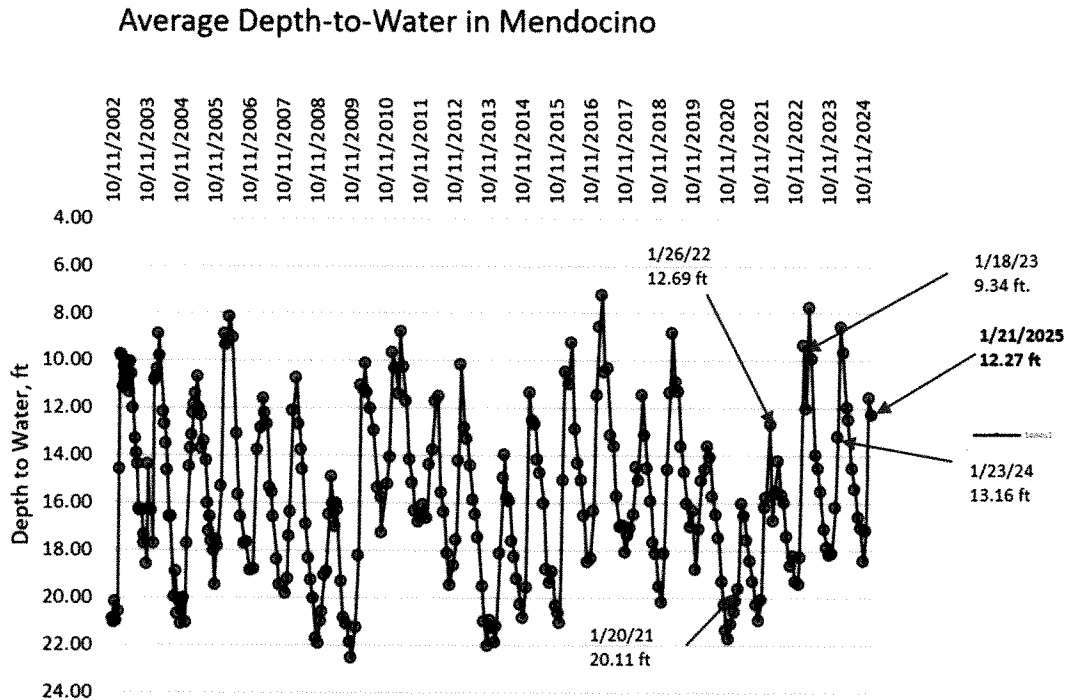


Figure 1, Table 1

January 2025 Depth-to-Water (DTW)

The average DTW measurements District-wide in the 24 monitoring wells on January 21, 2025, was 12.27 ft. DTW averages are 0.71' ft. lower than December of 2024. The DTW averages in the five drought monitoring wells reported an average of 14.16 ft., which is 0.44 ft. lower than December of 2024. DTW averages are 2.93' ft. lower than January of 2023, but 8.84 ft. better than a drought year like 2020.

Figure 2 Average Depth-To-Water Chart



Following the Water Shortage Contingency Plan, May 31, 2024, was the most recent water shortage evaluation date. The next evaluation date will be on January 31, 2025. Current rainfall totals and depth to water levels indicate there is not a water shortage within the District at this time.

Following Groundwater Extraction Permit Ordinance 2020-01, if 120% of average annual rainfall is recorded in October-December, then properties may extract two times the amount of a permittees' approved daily allotment during the months of January, February, and March. The 2024-25 rain year has recorded 178% of average annual rainfall from October 1-December 31, 2024.

Hydrological Studies:

In August of 2024 a mixed-use property on the corner of Lansing St. and Little Lake St. completed a 72-hour hydrological study. A report from the study was received in October and sent to a District Hydrogeologist for peer review in compliance with MCCSD Ordinance 2020-01. Peer review comments and a revised study were received in January 2025. The report will be presented at the February Board Meeting for discussion and consideration of adoption.

A property at 44780 Little Lake Rd. and Hwy 1, also completed a 72-hour hydrological study that started November 12, 2024. MCCSD. We learned on 12/23/24 that the initial report has been completed. The report has been sent to a District Hydrogeologist for peer review.

The hydrological testing period is closed as of November 21, 2024. Depending on rainfall over the next three months the hydrological study period should open again on August 20, 2025.