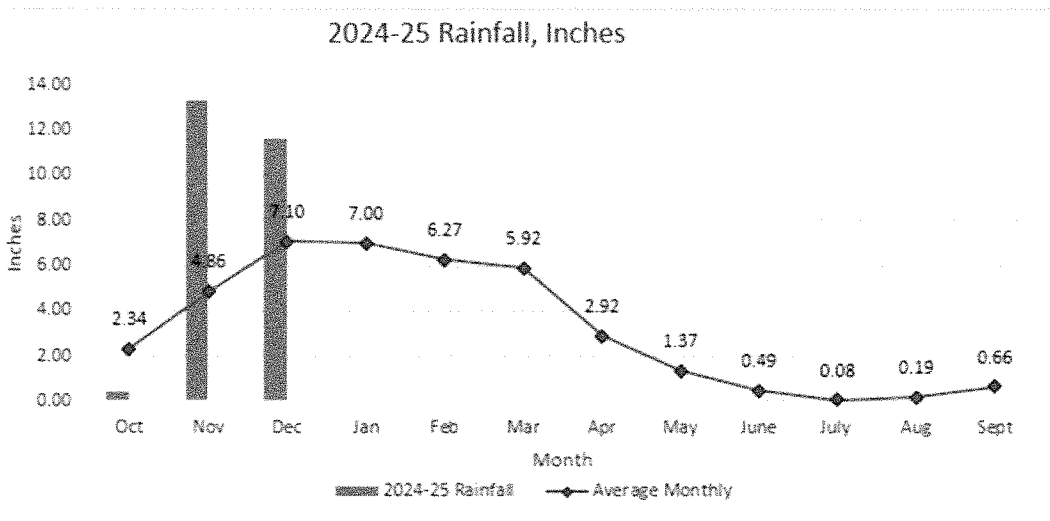


## Memo

**To:** MCCSD Board of Directors  
**From:** District Superintendent  
**cc:** Seph Petta  
**Date:** December 29, 2024  
**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 December is 7.10" inches. 11.64" inches of rainfall has been measured in the District for the month, as of December 29, 2024 (Figure 1, Table 1).



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
2024-25 Rainfall	0.47	13.31	11.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024-25 Cumulative	0.47	13.78	25.42	25.42	25.42	25.42	25.42	25.42	25.42	25.42	25.42	25.42
Average Monthly	2.34	4.86	7.10	7.00	6.27	5.92	2.92	1.37	0.49	0.08	0.19	0.66
Av.Cumulative	2.34	7.20	14.30	21.30	27.57	33.49	36.41	37.78	38.27	38.35	38.54	39.20

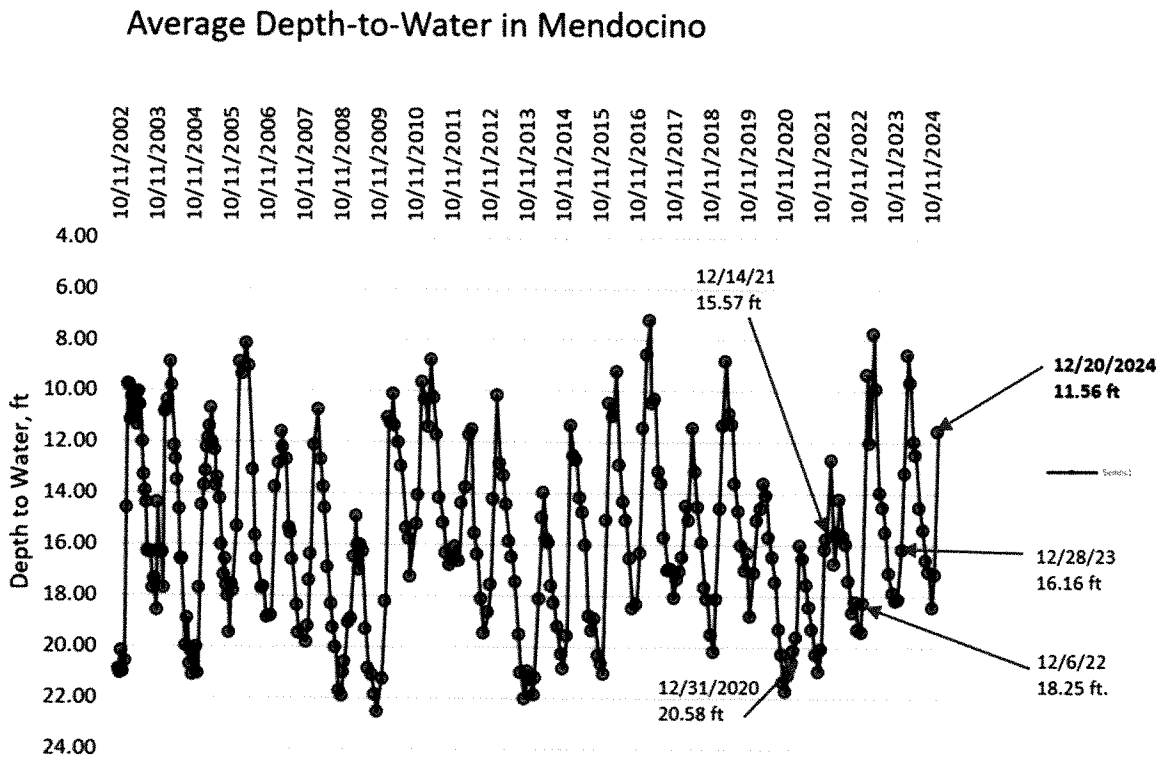
**2023-24 Rainfall to Date: 25.42**  
**43 yr Annual Average Rain: 39.20**  
**Percent of Annual Rainfall: 64.8%**

Figure 1, Table 1

Total Rainfall for Rain Year 2023-24 was 46.63" inches. Mendocino received 119% of normal annual rainfall during the last water year. By December 29, 2024, total rainfall since October 1, 2024 was 25.42" inches, 65% of average annual rainfall, 164% of average rainfall for the month of December, and 178% of average total rain fall Oct-Dec



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.

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 29, 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. Draft peer review comments were received in December and forwarded to the Hydrogeologists responsible for the study. We understand the two hydrogeologists are in communication and that both final draft comments and potentially amended findings report will be provided to the District in January 2025.

A property at 44780 Little Lake Rd. and Hw 1, also completed a 72-hour hydrological study that started November 12, 2024. MCCSD Staff observed the study in progress. We learned on 12/23/24 that the official 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. If current rainfall patterns continue, the hydrological study period should open again on August 20, 2025.