

## Memo

**To:** MCCSD Board of Directors  
**From:** District Superintendent  
**cc:** Seph Petta  
**Date:** October 23, 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 October is 2.34" inches. 0.47" inches of rainfall has been measured in the District for the month, as of October 23, 2024 (Figure 1, Table 1).

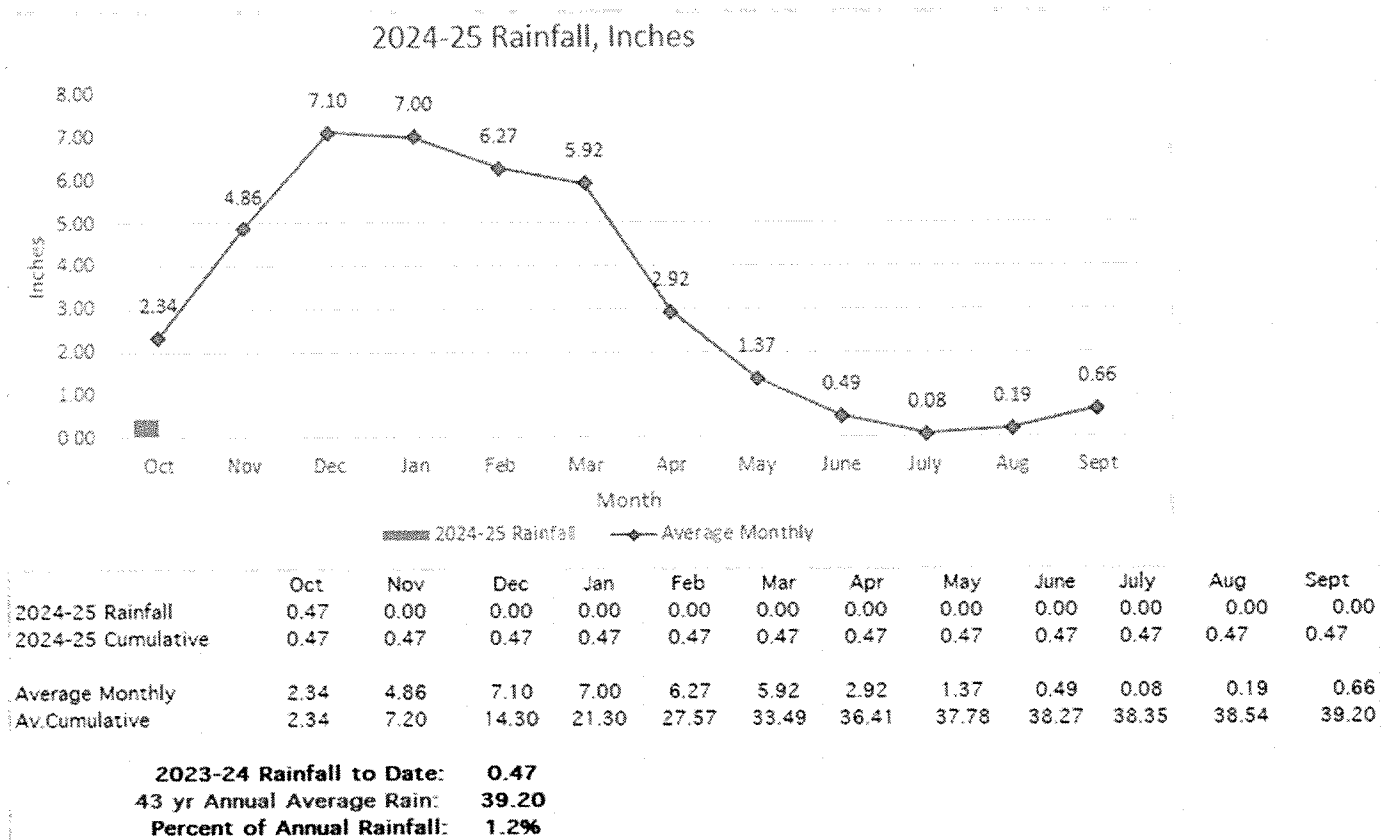


Figure 1, Table 1

Total Rainfall for Rain Year 2023-24 was 46.63" inches. Mendocino received 119% of normal annual rainfall during the last water year. By October 23, 2024, total rainfall since October 1, 2024 was 0.47" inches, 1.2% of average annual rainfall, and just 20% of average rainfall for the month of October.

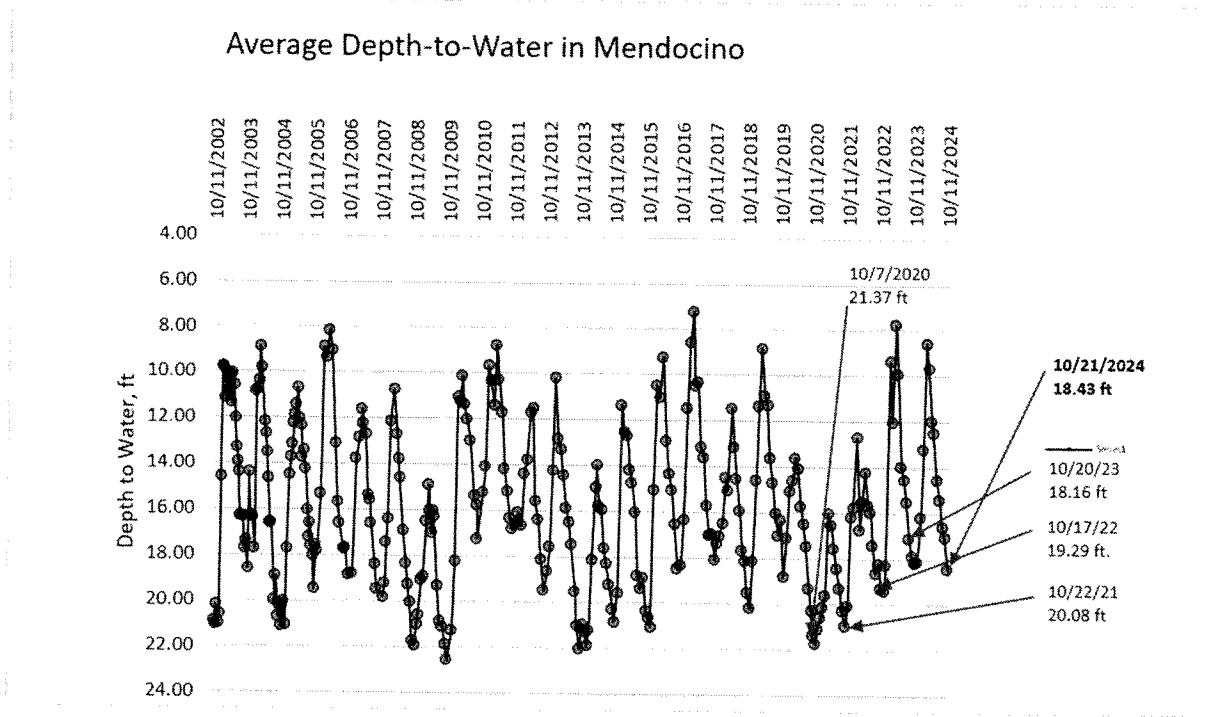
DAILY TOTAL RAINFALL												
2024-25												Elevation 72 Feet
Data From: Community Service District												Latitude 39.306°
												Longitude -123.600°
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3	0.01											
4												
5												
6												
7												
8												
9	0.01											
10	0.01											
11	0.33											
12	0.02											
13	0.02											
14	0.01											
15	0.03											
16												
17	0.01											
18												
19												
20												
21	0.01											
22	0.01											
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24												
25												
26												
27												
28												
29												
30												
31												
Sum	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Count	11	0	0	0	0	0	0	0	0	0	0	0
Max	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rainy Days	11											
Maximum Daily Rainfall	0.33											
	Water year Total Rainfall											
	0.47											

Table 1 2024-25 Rainfall Record

October 2024 Depth-to-Water (DTW)

The average DTW measurements District-wide in the 24 monitoring wells on October 21, 2024 was 18.43 ft. DTW averages are 1.39 ft. lower than September of 2024. The DTW averages in the five drought monitoring wells reported an average of 21.6 ft. a decrease of 1.11' ft. from September of 2024. DTW averages are 0.27 ft lower than September 2023, and nearly 2.94 ft. better than a drought year like 2020. October and November typically see the lowest depth to water averages for the year.

Figure 2 August 2024, 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.

In August of 2024 a mixed-use property on the corner of Lansing St. and Little Lake St. completed a 72 hour hydrological study. The report has been sent to a District Hydrogeologist for peer review in compliance with MCCSD Ordinance 2020-01. The study, peer review, and a staff report should come before the Board at the Regular November Board meeting for consideration.

Another property at 44780 Little Lake Rd. and Hw 1, has applied to conduct a hydrological study. A test date has been set for November 12, 2024. MCCSD published notice of the aquifer test in the Mendocino Beacon on October 24, 2024, and in multiple public places around town, following Ordinance 2020-01. Adjacent properties are being notified and any surrounding property owner that feels their well might be impacted by the study may request that their well be included in the monitoring process. Such request shall be made to the District at least 72 hours prior to the beginning of the pump test, set for 11-12-24 at 8:00 a.m. Any property owner that requests that their well be monitored must agree not to use the well during the 72 hour aquifer pump test. Contact District secretary at 707-937-5790 or districtsecretary@mccsd.com