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).

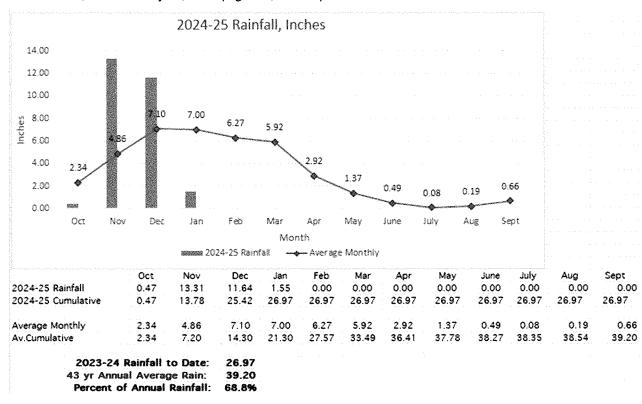


Figure 1, Table 1

Total Rainfall for Rain Year 2023-24 was 46.63" inches. Mendocino received 119% of normal annual rainfall during the last water year. By January 22, 2025, total rainfall since October 1, 2024, was 26.97" inches, 69% of average annual rainfall, 22% of average rainfall for the month of January, and 127% of average total rain fall Oct-Jan

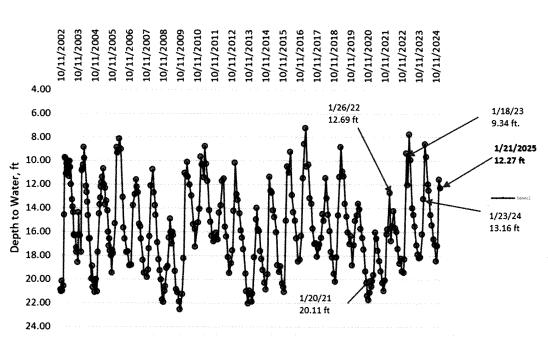
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***************************************	2024-25		<u> </u>					***************************************		3.44.11.14.14.14.14.14.14.14.14.14.14.14.	Elevatio	n 72 Feet
										**************************************		de 39.00°
***************************************	Data Fro	m : Comn	numnty Sec	ice District			10AM			1000000000000000000000000000000000000	Longitude 123800	
Day	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		0.86	0.02	0.33								
2		0.01		0.98								1
3	0.01			0.17								
4										***************************************		
5				0.04							1	1
6				0.02				***************************************		, 		
7											1	<u> </u>
8				0.01				***************************************			1	
9	0.01							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
10	0.01	0.76									1	
11	0.33	0.05	1.18					**********************			1	
12	0.02	0.08	0.82					**************************************			1	
13	0.02	0.63	2.28					· · · · · · · · · · · · · · · · · · ·			1	†
14	0.01	0.07	0.09				i i	****		W. C.	1	1
15	0.03		0.59								1	†
16	1	0.19	0.11					Manusalas de Arian en está de Indian				†
17	0.01										1	
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19	1	0.92									1	
20		2.53	0.71) 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 			1	<u> </u>
21	0.01	2.56						***************************************		***************************************	1	
22	0.01	0.02	0.43								1	
23		0.34	1.98	7.34 <u>-7-4.0-300-00-00-00-00-00-00-00-00-00-00-00-0</u>								<u> </u>
24		3.56	0.01								1	
25		0.73	0.29								1	
26			1.09									
27			1.17									
28			0.87									
29												
30												
31												
Sum	0.47	13.31	11.64	1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Count	11	15	15	6	0	0	0	0	0	0	0	0
Max	0.33	3.56	2.28	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rainy Days		47					Water year Total Raintall				 	26.97
Maximum Dai	ily Rainfall			3.56								

Table 1 2024-25 Rainfall Record

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



Average Depth-to-Water in Mendocino

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.