Memo

To: MCCSD Board of Directors

From: District Superintendent

cc: Seph Petta

Date: February 20, 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 February is 6.27" inches. 8.36" inches of rainfall have been measured in the District for the month, as of February 20, 2025 (Figure 1, Table 1).

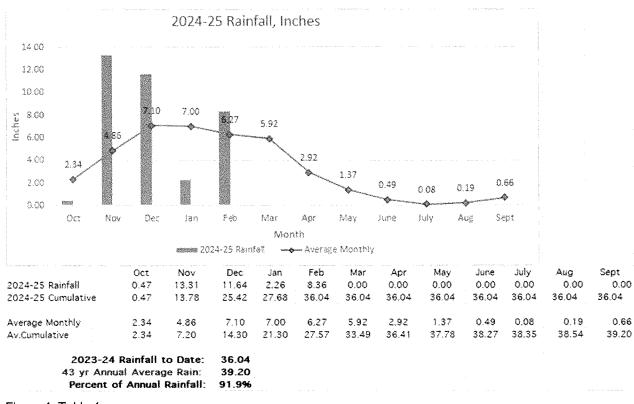


Figure 1, Table 1

Total Rainfall for Rain Year 2023-24 was 46.63" inches. Mendocino received 119% of normal annual rainfall during the last water year. By February 20, 2025, total rainfall since October 1, 2024, was 36.02" inches, 91% of average annual rainfall, 133% of average rainfall for the month of February, and 131% of average total rain fall Oct-Feb

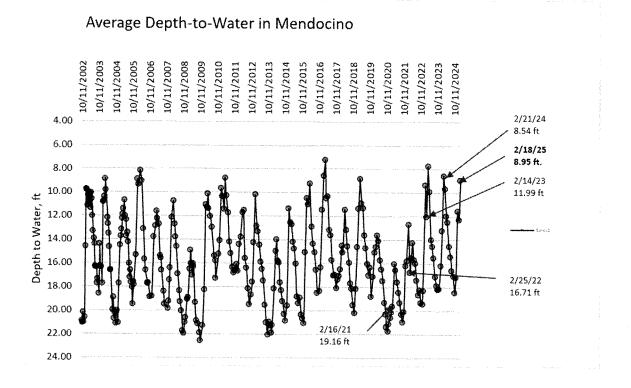
	T		and the same and t	***************************************	DAILY 1	TOTAL RA	INFALL				1	V
in a reference museum muite province access	2024-25			***************************************	***************************************			***************************************		***************************************	Elevation	vi 32 Feet
***************************************			***************************************						***************************************	Latitude 39.06		
*****************	Data Fro	m : Comn	numnty Sec	vice District	ice District		10AM	***************************************			Longitude 123800	
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		0.86	0.02	0.33	0.79					***************************************		
2		0.01		0.98	0.72							
3	0.01			0.17	1.52			*****************		**************************************		
4					1.04			······································				†
5		***************************************		0.04	0.05			***************************************		***************************************	1	
6	1			0.02	1.32			irokkeneokrakearibareariweneokrai		rennicement de recursos de presuntanços	1	1
7		terregue courses has destinated in the latest						***************************************		enquiriptos filados brinza en idioara realipar		1
8				0.01	***************************************			**************************************		***************************************		
9	0.01			***************************************								
10	0.01	0.76			***************************************					**********	1	1
11	0.33	0.05	1.18	**************************************							1	
12	0.02	0.08	0.82	······································	1.03				***************************************	***************************************		1
13	0.02	0.63	2.28		0.79	†		***************************************		***************************************	1	
14	0.01	0.07	0.09	***************************************	0.02			/***/* *******************************				
15	0.03	***************************************	0.59	***************************************	0.68			***************************************		*********************	1	<u> </u>
16	1	0.19	0.11	***************************************	0.08			***************************************				1
17	0.01				0.02			******************				1
18		***************************************		***************************************	0.28							
19	1	0.92			0.02			***************************************			1	1
20		2.53	0.71					******************************				1
21	0.01	2.56		***************************************		-		***************************************		***************************************	1	†
22	0.01	0.02	0.43								1	1
23		0.34	1.98									<u> </u>
24		3.56	0.01	***************************************	***************************************						1	†
25		0.73	0.29	***************************************				***************************************				
26			1.09					·*************************************				
27			1.17							***************************************		
28			0.87	**************************************				***************************************				
29												
30				0.10	***************************************			· · · · · · · · · · · · · · · · · · ·		***************************************		
31				0.61				e			I	T
Sum	0.47	13.31	11.64	2.26	8.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Count	11	15	15	8	14	0	0	0	0	0	0	0
Max	0.33	3.56	2.28	0.98	1,52	0.00	0,00	0.00	0.00	0.00	0.00	0.00
Rainy Days						Water year Total Raintall					36.04	
Maximum Da	ily Rainfall			3.56								

Table 1 2024-25 Rainfall Record

February 2025 Depth-to-Water (DTW)

The average DTW measurements District-wide in the 24 monitoring wells on February 18, 2025, was 8.95 ft. DTW averages are 3.32' ft. higher than January of 2025. The DTW averages in the five drought monitoring wells reported an average of 10.92 ft. which is 3.24 ft. higher than January of 2025. DTW averages are 0.4' ft. lower than February of 2024, but 10 ft. better than a drought year like 2021.

Figure 2 Average Depth-To-Water Chart



Following the Water Shortage Contingency Plan, January 31, 2025, was the most recent water shortage evaluation date. 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.