## Memo

To: MCCSD Board of Directors

From: District Superintendent

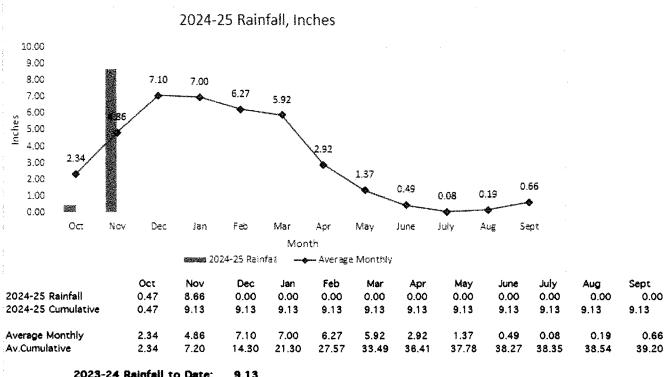
cc: Seph Petta

Date: November 22, 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 November is 4.86" inches. 8.66" inches of rainfall has been measured in the District for the month, as of November 22, 2024 (Figure 1, Table 1).



2023-24 Rainfall to Date: 9.13
43 yr Annual Average Rain: 39.20
Percent of Annual Rainfall: 23.3%

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 November 20, 2024, total rainfall since October 1, 2024 was 9.13" inches, 23.3% of average annual rainfall, and 178% of average rainfall for the month of November.

					DAILY	TOTAL R	AINFALL	l			· [	1
	2024-25										Elevati	in 22 Feet
										Latitude 39306* Lampitude 123000*		
·	Data From: Community Service District					10AM						
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		0.86					7				+	100
2		0.01									<del> </del>	<del> </del>
3	0.01							<del></del>	1	<del>                                     </del>	<del> </del>	<del> </del>
4									1	<del>                                     </del>	<del> </del>	<del> </del>
5						1			<b>†</b>		+	<del> </del>
6							1		<del>                                     </del>		<del> </del>	<del> </del>
7				***************************************		<b></b>	<del> </del>		<del>                                     </del>	<del> </del>	<del>                                     </del>	
8				7					<del> </del>	<del> </del>	<b>-</b>	<del> </del>
9	0.01					<del> </del>			<del> </del>	<del> </del>	<b>-</b>	<del> </del>
10	0.01	0.76		***************************************		<del>                                     </del>	<del>                                     </del>		<del> </del>		<del> </del>	<del> </del>
11	0.33	0.05	1		<del> </del>	<del> </del>	<b>†</b>		<del> </del>	<del> </del>	-	<del> </del>
12	0.02	0.08	<b>†</b>			<del>                                     </del>	<b>†</b>				-	
13	0.02	0.63	t		<del> </del>	<del> </del>			<del> </del>			<del> </del>
14	0.01	0.07	<del>                                     </del>			<del> </del>			<del> </del>	<del> </del>	<del> </del>	<b> </b>
15	0.03		<del>                                     </del>		<del> </del>	<del> </del>	<b></b>		<del> </del>	<del> </del>	<del> </del>	<b> </b>
16		0.19	<del>                                     </del>		<del> </del>		<b></b>					<b> </b>
17	0.01		<del>                                     </del>		<del> </del>		ļ			<del> </del>	<b> </b>	<u> </u>
18	1		<del>                                     </del>		<del> </del>					<del> </del>	ļ	
19		0.92	<del> </del>			<u> </u>			<b></b>	<del> </del>		<b></b>
20		2.53	<del> </del>			<del> </del>			ļ	ļ	<del> </del>	<b></b>
21	0.01	2.56	<b></b>	····		<del> </del>			<del> </del>			ļ
22	0.01	u.00	<del></del>		<del> </del>				<u> </u>			<b></b>
23	0.01				<del> </del>			***************************************	ļ			
24			<del>  </del>							ļ	<u> </u>	
25			$\vdash$		<del> </del>				ļ		ļ	
26	<del>                                     </del>			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<b>-</b>			····	ļ	ļ	ļ	<b> </b>
27	<del>                                     </del>		-		<b></b>				<b>}</b>		<del> </del>	
28	1		-						<u> </u>		<del> </del>	
29	<del>                                     </del>								<u> </u>		<b>_</b>	
30	<del>                                     </del>			***************************************					<b></b>		<u> </u>	
31	<del>                                     </del>		<del>  -</del>						<u> </u>		<u> </u>	
Sum	0.47	8.66	0.00	0.00	0.00	0.00	0.00		L			
Count	11	11	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.33	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0
	····	4.50	0.30	0.00	0.00	U.UU	U.UU	U.UU	0.00	0.00	0.00	0.00
latiny Days	<del>                                     </del>	22					مع الم المآ	year Total l	Rainfall		<del> </del>	9.13
eximum Dail	y Rainfall		<u>-</u>	2.56			77000	yva 10tali	LUERGH		<del> </del>	7.13

Table 1 2024-25 Rainfall Record

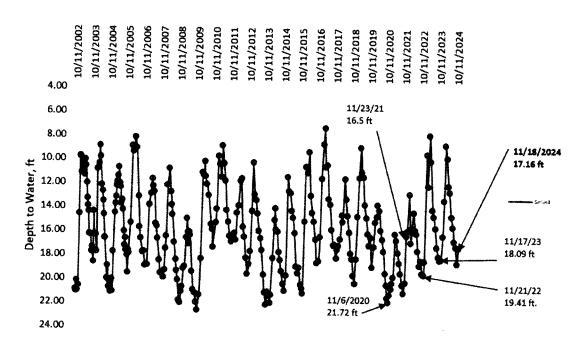
## November 2024 Depth-to-Water (DTW)

The average DTW measurements District-wide in the 24 monitoring wells on November 18, 2024, was 17.16 ft. DTW averages are 1.27' ft. better than October of 2024. The DTW averages in the five drought monitoring wells reported an average of 20.06 ft. an improvement of 1.5' ft. from October of 2024. DTW averages are 0.93' ft. better than November of 2023, and nearly 4.56 ft. better than a drought year like

2020. Starting this month the District is now reporting dept to water recordings to the County CASGEM program on a monthly basis as opposed to just twice per year.

Figure 2 August 2024, 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.

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. We are still waiting for the peer review to be completed.

Another property at 44780 Little Lake Rd. and Hw 1, has completed a 72-hour hydrological study that started November 12, 2024. MCCSD. Staff observed the study in progress. We are now waiting for the official report. Which will also be sent to a District Hydrogeologist for peer review.

The hydrological testing period is closed as of November 21, since we have recorded more than 6" of since August 20, 2024. The testing window may reopen August 20, 2025.