Memo

To: MCCSD Board of Directors

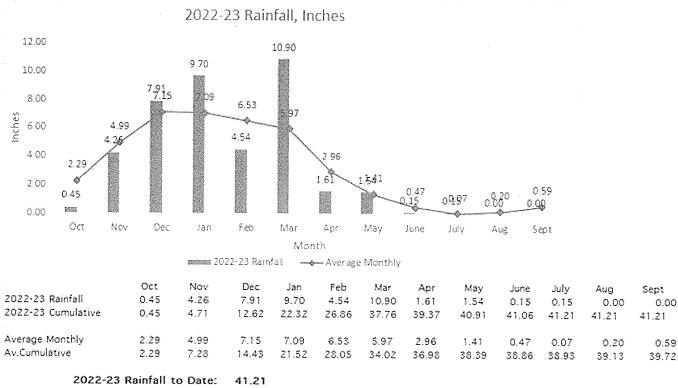
From: District Superintendent

Date: Jim Jackson

Re: Groundwater Management Report

The 2022-23 Rain Year

October 1, 2022 was the beginning of the 2022-23 rain year. Average annual precipitation in Mendocino is 39.72 inches, and average rainfall in July is 0.07" inches. 0.15" inches of rainfall has been measured in the District for the month, as of July 26, 2023 (Figure 1, Table 1).



43 yr Annual Average Rain: 39.72
Percent of Annual Rainfall: #####

Figure 1, Table 1

Total Rainfall for Rain Year 2021-22 was 33.82" inches. Mendocino received 85% of normal annual rainfall during the last water year. By July 26, 2023, total rainfall since October 1, 2022 was 41.21" inches, 104% of average annual rainfall.

			Camera and the same		DAILY	TOTALR	AINFALL					
	2022-23	y the standard and a second	ар-тэмгээн энгэг сангаасаа								Elevata	in 72 Feet
										AND ASSESSMENT OF THE PARTY OF	Latitude 39.306 Longitude 123.800	
	Data From : Commuminty Se					10AM						
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		0.05	0.03	0.04		0.01	0.04	0.2				
2				0.32	0.86	0.03	0.06	0,03		0.01		
3		0.02	0.19	0.32		0.47		0.06				
4	0.02	0.68	0.30	1.54	0.81	0.41		0.02		0.02	**************************************	
5	0.01	0.07	0.31	0.24	0.02	0.5		0.33	0.01	0.02	***************************************	
6	0.01	0.53	0.10	1.04	01	0.2	0.79			0.01	1	
7		0.83	0.02	1.90		0.79	0.04	0.4	0.01			
8		0.13	0.19	0.45	0,01	0.07		0.39	0.05			
9			1.49	0.38	0.03	1.18	0.01	0.02		0.02		
10	0.03	0.01	0.71	0.14	0.35	0.05	0.2	ent Art of the Table Southern South Spring		Mile Challe in the Line Course Contracts		***************************************
11	0.02	0.11	0.24	0.71		0.35		**************************************	0.02	PM OF WHITE PROPERTY ON CHARGO SE	***************************************	***************************************
12	0.02	0.03	0.02	1.28		0.46		TO PRODUCE THE PROPERTY OF	0.01			
13	0.02	0.04	0.02	0.66		1.97		***************************************		0.02		
14			0.01	0.17	0.15	1.18						
15		0.02	0.01	0.02		0.02		0.01	0.01		1	1
16	0.01					0.01		0.01			-	
17	0.01			- New York Control of the Association of the Associ		0.01		0.01	a Santa Balanda Santa Baran	TORESTONIC HONOR THAN S OF CHARLES HONOR THAN		
18	0.02		0.03	0.47		0.37	0.32	***************************************		0.01		***************************************
19			0.01	0.01		0.15	0.02			0.01		
20			0.01			0.35			0.02	0.01	1	
21	0.05		0.24		0.30	0.22					1	
22			0.09		0.24		0.04		0.02			<u> </u>
23			0.02	DPSP Detect Skieles Telescope Residence Science Skieles	0.47		0.02		COMPANDAMENTA STATE OF THE SECOND	0.01	indicate and the second control of the secon	**************************************
24	0.02								***************************************	0.01		***************************************
25					0.03					***************************************		
26			1.53	0.01	0.68					***************************************		
27		0.04	0.15		0.34	1.22	1				1	
28			0.16		0.25	0.52	0.01	****				
29			1.73			0.09	0.06	***************************************				ACCRECATE TO THE PARTY OF THE P
30		1.70	0.30	tarian Belit in the American Instrument and American Security of the Am		0.03		***************************************	***************************************	(*************************************	TOTO CONTRACTOR OF THE PROPERTY OF THE PROPERT	THE REPORT OF THE PERSON NAMED OF THE PERSON N
31	0.21					0.24						
Sum	0.45	4.26	7.91	9.70	4.54	10.90	1.61	1.54	0.15	0.15	0.00	0.00
Count	13	14	25	18	14	26	12	11	8	11	0	0
Мах	0.21	1.70	1.73	1.90	0.86	1.97	0.79	0.40	0.05	0.02	0.00	0.00
		152						**************************************			The contract of the contract o	
Rainy Days							Water year Total Rainfall			action (may now a service construence and service)	***************************************	41.21
Maximum Dai	ly Raintall			1.97								

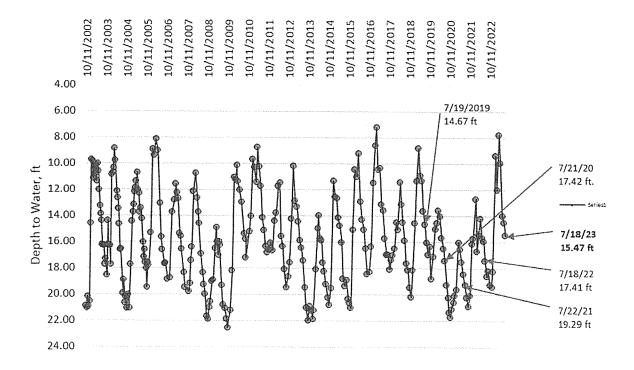
Table 1 2022-23 Rainfall Record

July 2023 Depth-to-Water (DTW)

The average DTW measurements District-wide in the 24 monitoring wells on July 18, 2023 was 15.47 ft., slightly better than average for the month. DTW averages are about 1.0 ft. lower than June of 2023, about 2 ft. better than July of 2022, and about 3.8 ft. better than July of 2021. Compared to an above average rain year like 2019, which received 45.64" inches, or 115% of average annual rainfall, the average depth to water in July is currently about 0.8 ft. below that of 2019.

Figure 2 July 2023, Depth-To-Water Chart

Average Depth-to-Water in Mendocino



Following the Water Shortage Contingency Plan. The MCCSD Board declared on April 19, 2023 that no water shortage exists within the MCCSD boundaries. According to the Water Shortage Contingency Plan, (p. 14) "Calendar for Declaring Water Shortage,...If a water shortage is not declared by the end of May, no further evaluation is required until the following January 31." MCCSD staff will continue to monitor and follow the plan while the Superintendent recommends continued caution and conservation.