Memo

To: MCCSD Board of Directors

From: District Superintendent

cc: Jim Jackson

Date: October 19, 2022

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 October is 2.29" inches, 0.17" inches of rainfall has been measured in the District for the month as of October 19, 2022 (Figure 1, Table 1).

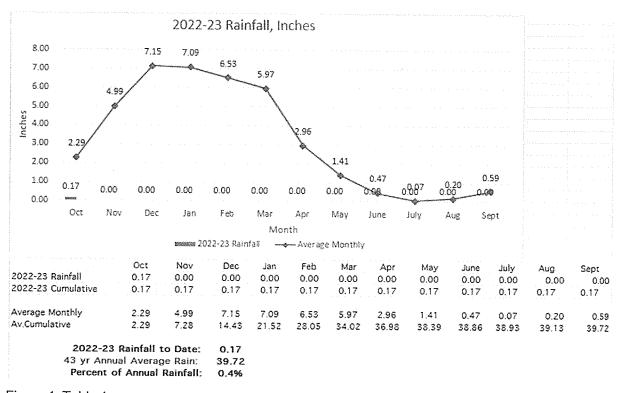


Figure 1, Table 1

Table 1 2022-23 Rainfall Record

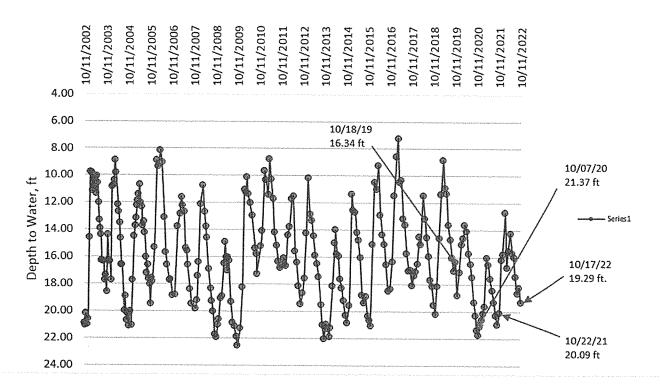
Total Rainfall for Rain Year 2021-22 was 33.82" inches. Mendocino received just 85% of normal annual rainfall during the last water year. By October 18, 2022, total rainfall since October 1, 2021 was 0.15" inches, 0.4% of average annual rainfall.

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October 2022 Depth-to-Water (DTW)

The average DTW measurements District-wide in the 24 monitoring wells on October 17, 2022 was 19.29 ft.; about 1 ft. lower than last month, about .8 ft. better than October of 2021, and about 2.1 ft. better than October of 2020. Compared to a good rain year like 2019, which received 45.64" inches, the average depth to water is currently about 3 ft. below normal for the month.

Average Depth-to-Water in Mendocino



The average depth-to-water reported from the five drought monitoring wells on October 17, 2022 was 22.49 ft. about 0.40 ft. lower than September 20, 2022 where it was recorded at 22.08 ft.

The MCCSD Board declared a Stage 2 Water Shortage Crisis exists within its boundaries on September 26, 2022, based the Water Shortage Contingency Plan and average depth to water recorded in the five drought monitoring wells as of August 31, 2022. November 30, represents the next Water Shortage evaluation date. At that time both rainfall and depth to water measurements will be used to conduct another evaluation.