

LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

MEMORANDUM

DATE: SEPTEMBER 28, 2021

TO: BOARD OF DIRECTORS
Lake Arrowhead Community Services District

FROM: CATHERINE CERRI, General Manager

SUBJECT: GENERAL MANAGERS REPORT

A. RECOMMENDATION

This is an information item only.

B. REASON FOR RECOMMENDATION

This is an information item only.

C. BACKGROUND INFORMATION

Long-term precipitation projections from the State Water Resources Control Board are expecting some rain in December, 2021 but conditions for January to March, 2022 look dry and are very similar to the same time last year.

Water Supply and Demand Summary 2021 YTD

	2019	2020	Aug-2021 YTD	Projected Sep-Dec	Total 2021
Surface Water	1,106	1,277	853	373	1,226
Groundwater	198	180	123	83	207
Imported	47	46	45	130	175
Total Supply	1,351	1,503	1,022	586	1,608
Demand	1,277	1,507	891	661	1,553
Demand Mgmt			(4)	(69)	(73)
Total	1,277	1,507	887	592	1,480

						Projected	
Hydrologic Assessment		2017	2018	2019	2020	2021	2022
	Average	PY-3	PY-2				
Precipitation Gage (in)	Annual	Annual	Annual	Total	Total	Total	Total
Cedar Glen (SE)	33.06		27.76	66.26	24.52	11.04	11
BJ Admin (SW)	34.26	27.00	28.84	57.74	23.85	10.62	10.6
Bernina (W)	30.67	25.55	24.67	51.60	20.86	12.45	12.5
LACC (GV W)	19.72	15.76	12.37	38.61	14.69	9.07	9.07
NOAA	39.16	31.61	29.2	68.73	27.08	16.41	16.4
Fire Sta #1, 5140 (S)	36.70	31.5	33.68	60.46	28.66	23.93	23.9
Fire Sta #4, 5280 (W)	28.46	24.13	31.35	59.59	26.57	17.21	17.2
Precipitation (in)	33.32	25.93	26.84	57.57	23.75	12.89	12.89
Atmospheric river							
SWP Table A	64%	20-85%	15-35%	10-75%	10-20%	5%	0%
<u>Lake Level Analysis</u>							
Lake Level (last day of mo	5101.96	5099.15	5097.47	5103.98	5103.14	5099	5094
Lake Level vs. full	-4.7	-7.6	-9.2	-2.7	-3.6	-7.9	-12.4
Evaporation losses	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0
Lake withdrawals (feet)	-2.19	-1.37	-1.23	-1.4	-1.6	-1.6	-1.6
Precipitation (feet)	2.78	2.16	2.24	4.7	1.9	1.1	1.07
GV Tunnel Inflow (AF)	524	1,267	321	1,147	249		

D. FISCAL IMPACT

This is an information item only.

E. ENVIRONMENTAL IMPACT

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F. ATTACHMENTS

None