



NOTICE OF MEETING BOARD OF DIRECTORS

MEETING DATE: Tuesday, September 4, 2018
TIME: 7:30 p.m.
LOCATION: MMWD Board Room, 220 Nellen Ave., Corte Madera, CA 94925

AGENDA

Table with 3 columns: ITEM, RECOMMENDATION, APPROX. START. Items include Call to Order, Adopt Agenda, Public Expression, Directors' and General Manager's Announcements, Consent Calendar (Minutes of August 21 and 23, 2018 Meetings), Regular Calendar (Water Production and Storage Report, Future Meeting Schedule).

MMWD BOARD OF DIRECTORS: Larry Bragman, Jack Gibson, Cynthia Koehler, Armando Quintero, Larry Russell

*Anyone wishing to speak on an item other than those listed on this agenda will be recognized at this time. We ask any person wishing to be heard to come to the podium to address the board and state your name and address for the public record. A 3-minute limit is customary; however the committee chair may adjust the actual time allotted to accommodate the number of speakers.

**All matters listed on the consent calendar are considered to be routine and/or have been heard and reviewed at a Board Committee meeting and will be enacted by a single action of the board, unless specific items are removed from the consent calendar during adoption of the agenda for separate discussion and action.

ADA NOTICE AND HEARING IMPAIRED PROVISIONS: The board room is equipped with sound amplifying units for use by the hearing impaired. The units operate in conjunction with the room's sound system. You may request the personal sound amplifier from the Board Secretary for use during meetings.

In accordance with the Americans with Disabilities Act and California Law, it is the policy of the Marin Municipal Water District to offer its public programs, services, and meetings in a manner that is readily accessible to everyone, including those with disabilities. If you are disabled and require a copy of a public hearing notice, an agenda, and/or agenda packet in an appropriate alternative format, or if you require other accommodation, please contact Stephanie Eichner-Gross at (415) 945-1448, at least two days in advance of the meeting. Advance notification within this guideline will enable the district to make reasonable arrangements to ensure accessibility.

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**INFORMATION PACKETS ARE AVAILABLE FOR REVIEW AT THE CIVIC CENTER LIBRARY, CORTE
MADERA LIBRARY, FAIRFAX LIBRARY, MILL VALLEY LIBRARY, MMWD OFFICE, AND MMWD
WEBSITE (MARINWATER.ORG)**

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FUTURE BOARD MEETINGS:

Tuesday, September 25, 2018, 7:30 p.m.	MMWD Board Room
Tuesday, October 2, 2018, 7:30 p.m.	MMWD Board Room



**MARIN MUNICIPAL
WATER DISTRICT**

ITEM No. 1
MEETING DATE: September 4, 2018
MEETING: Board of Directors

STAFF REPORT

SUBJECT: Minutes of August 21 and August 23, 2018 Meetings

SUBMITTED BY: Donna Lahey, Senior Administrative Assistant

RECOMMENDED ACTION: Approve

ATTACHMENT:

1. Minutes of August 21 and August 23, 2018 meetings

**THE BOARD OF DIRECTORS
OF MARIN MUNICIPAL WATER DISTRICT**

Minutes of the meeting of the Board of Directors held on Tuesday, August 21, 2018 at 220 Nellen Avenue, Corte Madera, California.

Directors present: Larry Bragman, John C. Gibson, and Armando Quintero

Directors absent: Cynthia Koehler and Larry L. Russell

CALL TO ORDER

Director Quintero called the meeting to order at 7:30 p.m.

AGENDA

On motion of Director Gibson, seconded by Director Bragman, the agenda was adopted by the following vote:

Ayes: Directors Bragman, Gibson, and Quintero
Noes: None
Absent: Directors Koehler and Russell
Abstain: None

PUBLIC EXPRESSION

None.

DIRECTORS' AND GENERAL MANAGER'S ANNOUNCEMENTS

Director Larry Bragman reported on the recent verdict against Monsanto for Roundup.

CONSENT CALENDAR (ITEMS 1-3)

- ITEM 1 Minutes of August 7, 2018 Meeting
- ITEM 2 Approve Resolution No. 8509 Authorizing Award of Miscellaneous Agreement No. 5634 to Business Communications Resources in the Amount of \$38,589.88 for MMWD Printing Projects
- ITEM 3 General Manager's Report for July

On motion of Director Gibson, seconded by Director Bragman, Consent Calendar Items 1-3 were approved by the following vote:

Ayes: Directors Bragman, Gibson, and Quintero
Noes: None
Absent: Directors Koehler and Russell
Abstain: None

ITEM 4 WATER PRODUCTION AND STORAGE REPORT

Michael Ban, Engineering and Environmental Services Division Manager, presented the staff report. He informed the directors that the total water production for the fiscal year was 4600 acre feet, about the same as last year, and that the District was at 111% of average for water storage. There was a brief discussion.

ITEM 5 COMMUNITY SURVEY RESULTS

Lon Peterson, Conservation Manager, presented the staff report. In an effort to keep up to date on public perception of the District, staff partnered with Probolsky Research to conduct focus groups and multi-mode (landlines, mobile phones, and online) surveys of District customers in Spring 2018. Four hundred Marin Municipal Water District (MMWD) customers were surveyed. In May of 2015, Probolsky Research conducted a similar polling project and presented results to the Board. The 2018 Community Survey used many of the same questions as the 2015 survey so that benchmarks could be made from 2015 to present. Mr. Peterson introduced Mr. Probolsky, who then presented a PowerPoint (which was passed out to the Board and public) on the results of the Community Survey.

The results of the survey showed that the majority of MMWD customers are aware who MMWD is, where their water comes from, and approve of the job that MMWD is doing. There didn't appear to be particular areas where the public had great issue with MMWD.

Mr. Probolsky answered questions and facilitated brief discussions throughout his presentation.

As a response to one of the slides, General Manager Krishna Kumar applauded the Marin community for their voluntary 20% water reduction during the drought. Unlike the majority of other water districts in California, MMWD did not impose a mandatory water reduction request or issue penalties.

Director Quintero suggested creating a more sophisticated conservation messaging for the public. He encouraged the idea of communicating and thinking about rainwater in terms of 10 years not just 1 year.

San Rafael resident Roger Roberts asked a couple questions. Mr. Roberts asked for clarification pertaining to one of the presentation slides about water shortage. He also asked if there were any geographically significant themes or differences relative to the data. Mr. Probolsky said that while his team saw some differences, they didn't assess major differences.

Director Bragman requested a copy of the full report (approximately 850 pages).

ITEM 6 APPROVE AMENDED CONFLICT OF INTEREST CODE

Charles Duggan, Administrative Services Division Manager and Treasurer, presented the staff report, requesting that the Board approve the amended Conflict of Interest Code. The amended Code identified 8 positions that needed to be added to the list.

State law requires that each local agency with decision-making authority adopt a Conflict of Interest Code, and review and, if necessary, update that Code every two years. The Board of Supervisors, as the Code reviewing body for Marin Municipal Water District, requested all changes be submitted by October 1, 2018.

Director Bragman asked who enforces the code. General Counsel Mary Casey and also Charles Duggan confirmed that the Fair Political Practices Commission, an external agency, enforces the code. Ms. Casey was unaware of anything being reported during her tenure at MMWD.

On motion of Director Gibson, seconded by Director Bragman, Item 6 was approved by the following vote:

Ayes: Directors Bragman, Gibson, and Quintero
Noes: None
Absent: Directors Koehler and Russell
Abstain: None

ITEM 7 FUTURE MEETING SCHEDULE

General Manager Krishna Kumar presented the staff report listing upcoming meetings. He reported to the Board that he would be missing the September 4, 2018 meeting and that during his absence Michael Ban would be interim general manager.

ADJOURNMENT

There being no further business, the meeting of August 21, 2018, was adjourned at 8:15 p.m.

President, Board of Directors

ATTEST:

Secretary

**THE BOARD OF DIRECTORS
OF MARIN MUNICIPAL WATER DISTRICT**

Minutes of the Special Meeting of the Board of Directors held on Thursday, August 23, 2018 at 220 Nellen Avenue, Corte Madera, California.

Directors present: Larry Bragman, Jack Gibson, and Larry Russell

Directors absent: Cynthia Koehler and Armando Quintero

CALL TO ORDER

Director Bragman called the meeting to order at 10:16 a.m.

CLOSED SESSION: Pursuant to Government Code Section 54957
Public Employee Appointment
Title: General Manager

No reportable action was taken during the meeting.

ADJOURNMENT

The Special Meeting of August 23, 2018 was adjourned at 11:05 a.m.

Board of Directors

ATTEST:

Secretary



STAFF REPORT

SUBJECT: Water Production and Storage Report

SUBMITTED BY: Michael Ban, P.E., Manager
Environmental and Engineering Services Division

RECOMMENDED ACTION: Information

EXECUTIVE SUMMARY:

Daily potable water production for August 23 – August 29 has averaged 28.49 mgd. Information on the district’s water production is illustrated in the attached graphs.

District reservoir storage as of August 30, 2018 is shown in the table below.

Reservoir	Total Capacity (AF)	Water Level From Spillway (feet down)	Storage (AF)	Percent of Total Capacity
Alpine	8,891	10.26	6,851	77.06%
Bon Tempe	4,017	3.30	3,608	89.82%
Kent	32,895	6.39	30,084	91.45%
Lagunitas	350	0.44	341	97.43%
Nicasio	22,430	9.84	15,171	67.64%
Phoenix	411	1.77	380	92.46%
Soulajule	10,572	5.25	9,004	85.17%
Total	79,566	N/A	65,439	82.24%
Historical Average Storage This Date			58,604	N/A
Historical Percent of Total Storage This Date			73.65%	N/A
Percent of Normal Storage This Date			111.66%	N/A

For habitat benefit, the district is currently (as of 8/30/2018) releasing 5.28 mgd from Kent Reservoir into Lagunitas Creek and 3.41 mgd from Soulajule Reservoir into Walker Creek, for total release of 8.69 mgd.

ATTACHMENTS:

- Monthly Water Production (table)
- Monthly Potable Water Production (graph)
- Running 12-month Potable Water Production (graph)
- Total Reservoir Storage (graph)
- Cumulative Precipitation (graph)

**Marin Municipal Water District
Monthly Water Production (acre-feet)**

Total Potable Water Production							% Change (FY19 vs FY18)
Month	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	
July	2,977	2,690	2,287	2,636	2,830	2,802	-1%
Total YTD	2,977	2,690	2,287	2,636	2,830	2,802	-1%

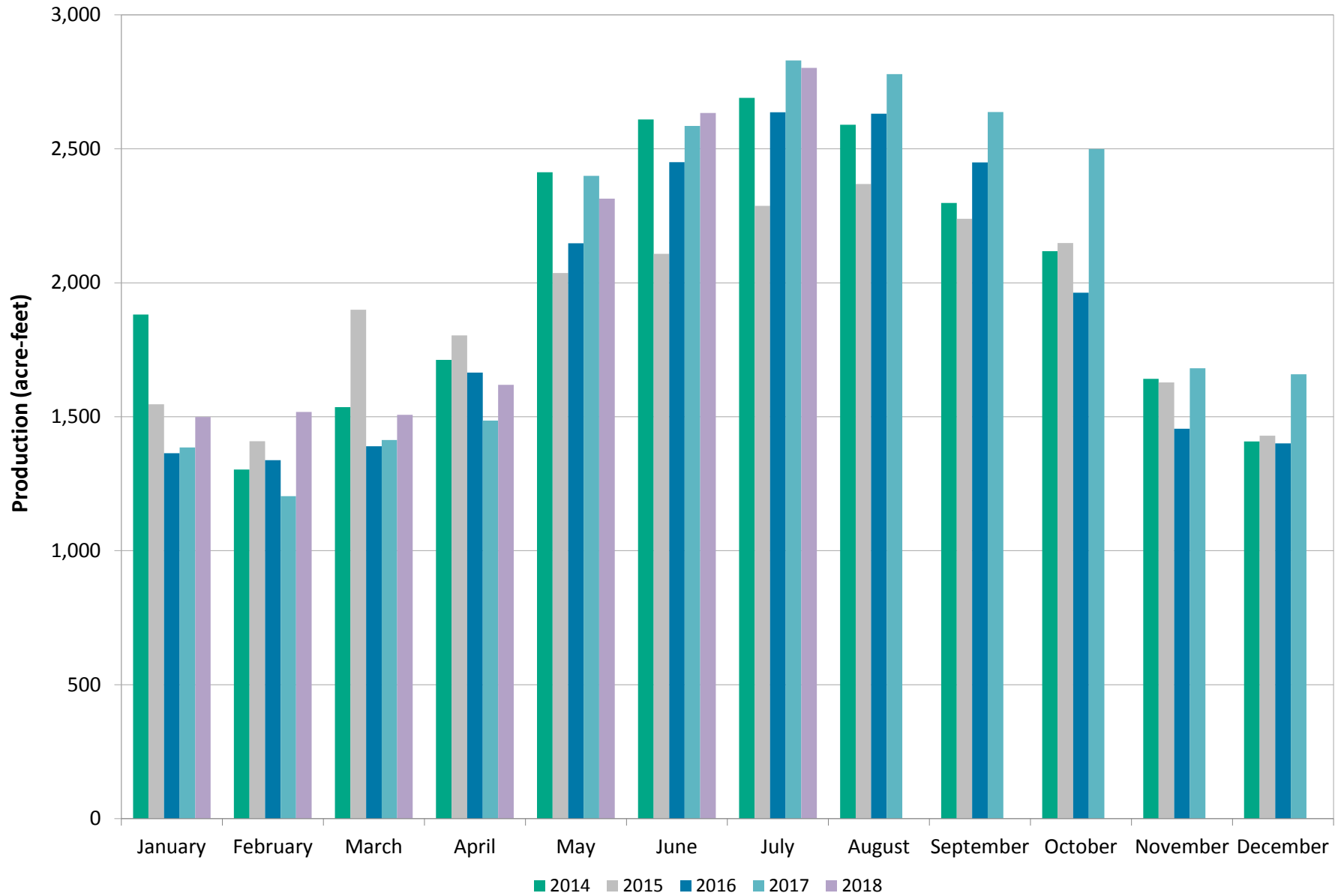
Imported Water Production							% Change (FY19 vs FY18)
Month	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	
July	517	710	364	390	364	374	3%
Total YTD	517	710	364	390	364	374	3%

Reservoir Water Production							% Change (FY19 vs FY18)
Month	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	
July	2,460	1,980	1,922	2,246	2,466	2,428	-2%
Total YTD	2,460	1,980	1,922	2,246	2,466	2,428	-2%

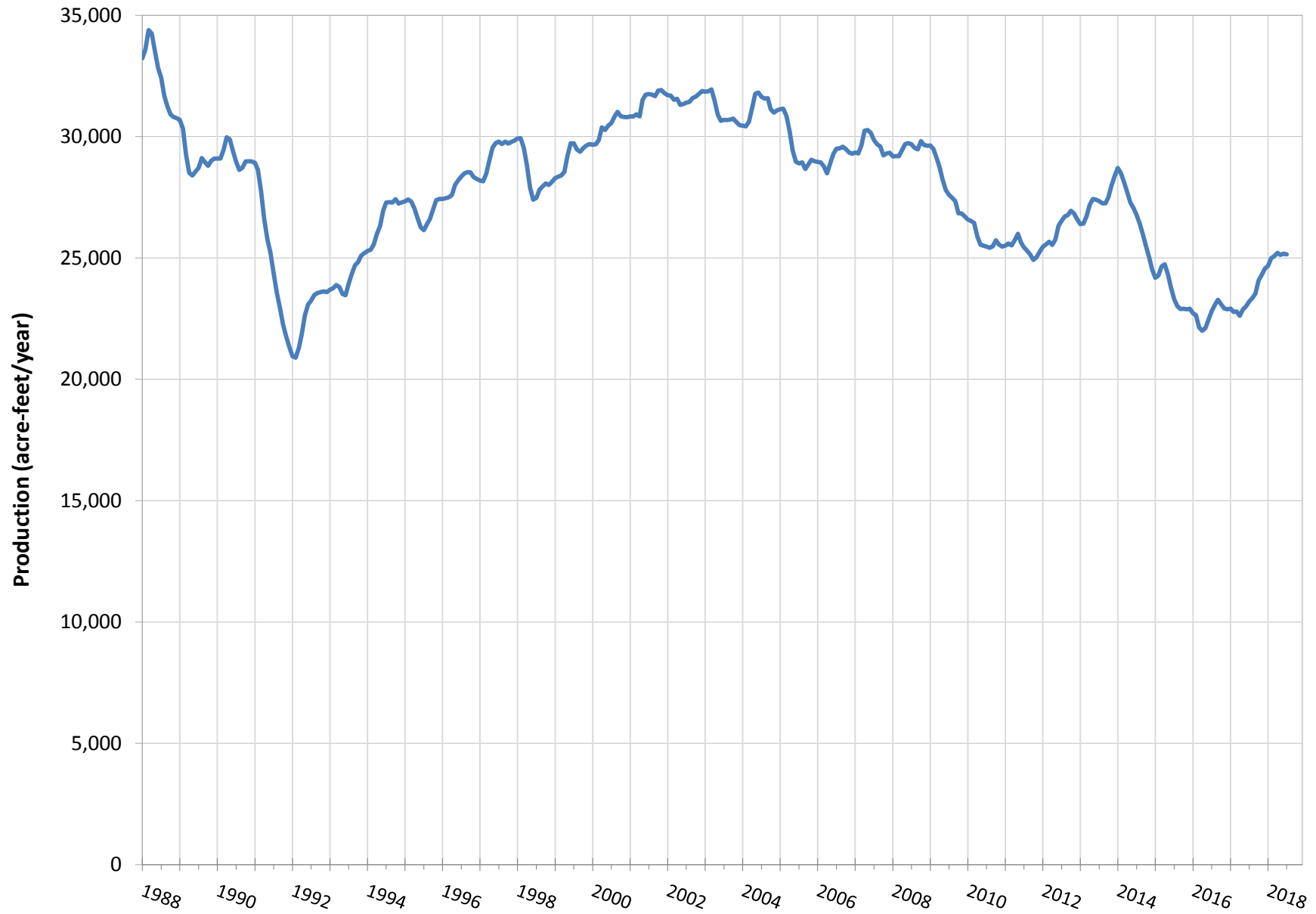
Recycled Water Production							% Change (FY19 vs FY18)
Month	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	
July	109	103	87	97	107	101	-6%
Total YTD	109	103	87	97	107	101	-6%

* During FY 2016, from June 2015 through May 2016, the District operated under the State's May 2015 Emergency Conservation Regulation. During this time, the District reduced water use 21% relative to the same months in 2013, thus exceeding the State's 20% conservation standard for the District.

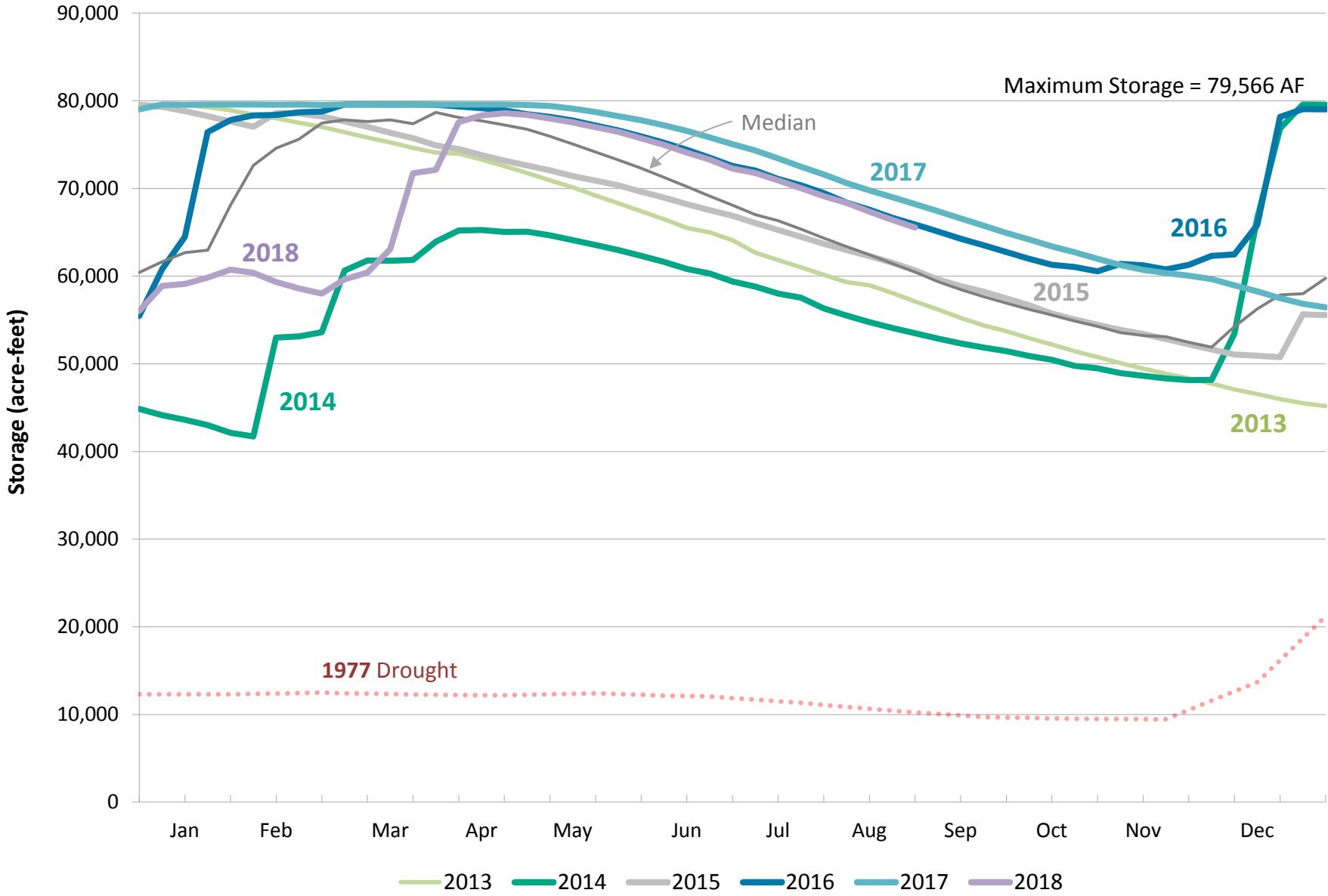
Monthly Potable Water Production



Running 12-month Potable Water Production

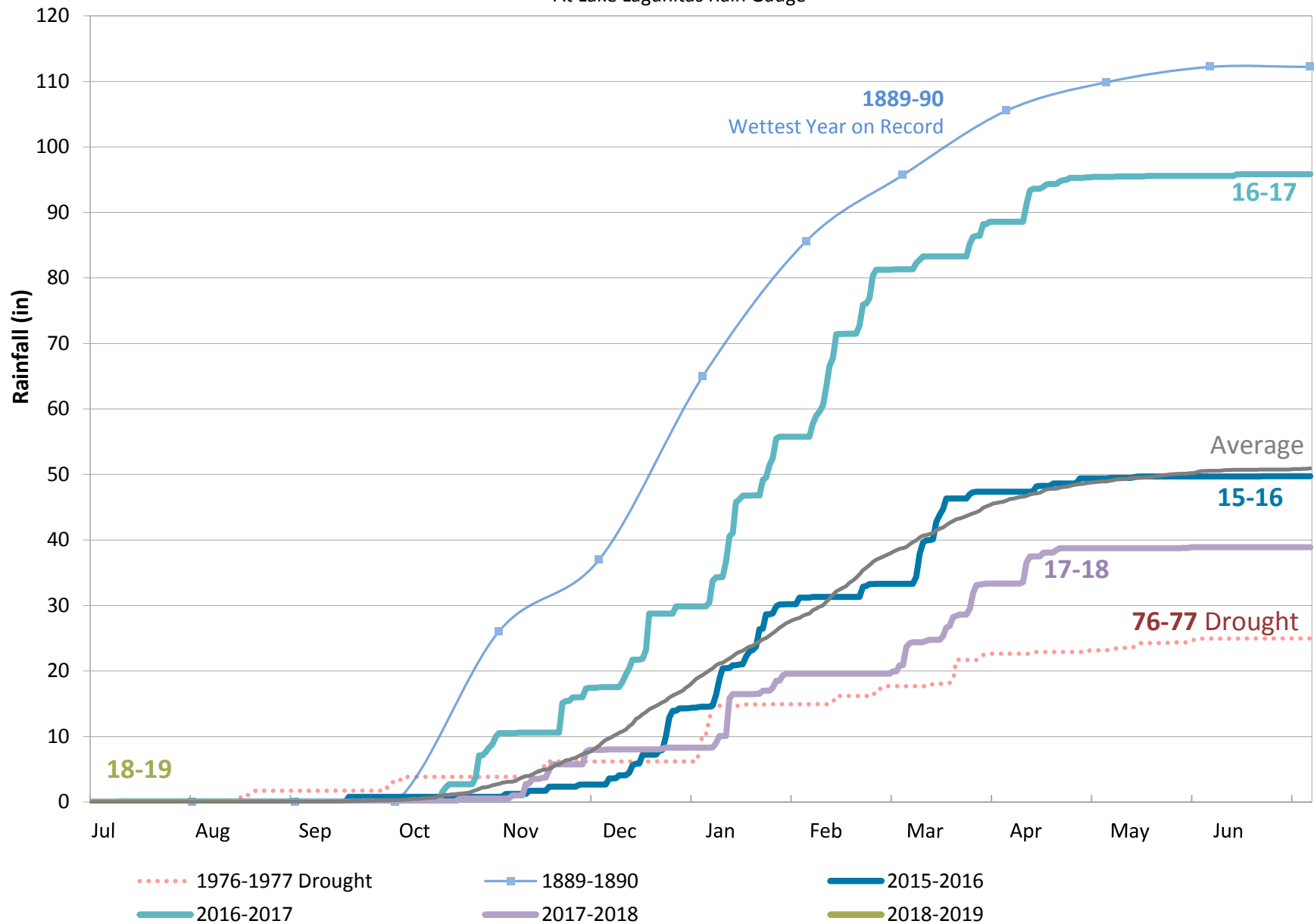


Total Reservoir Storage



Cumulative Precipitation

At Lake Lagunitas Rain Gauge





STAFF REPORT

SUBJECT: Future Meeting Schedule

SUBMITTED BY: Krishna Kumar, General Manager

RECOMMENDED ACTION: Information

9-13 Board (Special, Closed), 8:30 am

9-20 Board (Special, Closed), 8:30 am

9-21 DOC, 9:30 a.m.

9-25 Board, 7:30 p.m.

9-27 Finance, 9:30 a.m.

10-02 Board, 7:30 p.m.

10-11 Watershed, 1:30 p.m.

10-16 Board, 7:30 p.m.

10-19 DOC, 9:30 a.m.

10-25 Finance, 9:30 a.m.