



General Manager's Report Item 21:

Status Report on Cal-Am Compliance
with SWRCB Orders and Seaside Basin
Decision as of June 1, 2019

Meeting Date: June 17, 2019

Staff contact: David J. Stoldt

Actual versus Target Production

Water Year 2019 – Oct to Jun

(All Values in Acre-Feet)

Year-to-Date Values	MPWRS				
	Carmel River Basin ^{2, 6}	Seaside Groundwater Basin			MPWRS Total
		Coastal	Laguna Seca	Ajudication Compliance	
Target	5,656	1,100	0	1,100	6,756
Actual ⁴	4,783	1,459	162	1,621	6,404
Difference	873	-359	-162	-521	352
WY 2018 Actual	4,542	1,800	189	1,989	6,531

1. This table is current through the date of this report.
2. For CDO compliance, ASR, Mal Paso, and Table 13 diversions are included in River production per State Board.
3. Sand City Desal, Table 13, and ASR recovery are also tracked as water resources projects.
4. To date, 1335 AF and 471 AF have been produced from the River for ASR and Table 13 respectively.
5. All values are rounded to the nearest Acre-Foot.
6. For CDO Tracking Purposes, ASR production for injection is capped at 600 AFY.
7. Table 13 diversions are reported under water rights but counted as production from the River for CDO tracking.

Actual versus Target Production

Water Year 2019 – Oct to Jun

(All Values in Acre-Feet)

Year-to-Date Values	Water Projects and Rights			
				Water Projects and Rights Total
	ASR Recovery	Table 13 ⁷	Sand City ³	
Target	0	227	200	427
Actual ⁴	0	471	84	555
Difference	0	-244	116	-128
WY 2018 Actual	0	153	117	270

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Production for Customer Service for Cal-Am: Water Year 2019

(All Values in Acre-Feet)

Monthly Production from all Sources for Customer Service: WY 2019

	Carmel River Basin	Seaside Basin	ASR Recovery	Table 13	Sand City	Mal Paso	Total
Oct-18	491	369	0	0	16	8	884
Nov-18	456	304	0	0	21	8	790
Dec-18	468	180	0	0	11	8	667
Jan-19	395	161	0	81	19	8	664
Feb-19	363	147	0	91	7	8	616
Mar-19	411	161	0	101	0	8	682
Apr-19	505	156	0	98	0	7	765
May-19	587	143	0	101	11	7	848
Jun-19							
Jul-19							
Aug-19							
Sep-19							
Total	3,677	1,621	0	471	84	63	5,916
WY 2018	3,859	1,988	0	153	117	35	6,152


1. This table is produced as a proxy for customer demand.
2. Numbers are provisional and are subject to correction.

Rationing Trigger: WY 2019

12 Month Moving Average ¹	9,732	10,130	Rule 160 Production Limit
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1. Average includes production from Carmel River, Seaside Basin, Sand City Desal, and ASR recovery produced for Customer Service.

Effect of Missing a Milestone



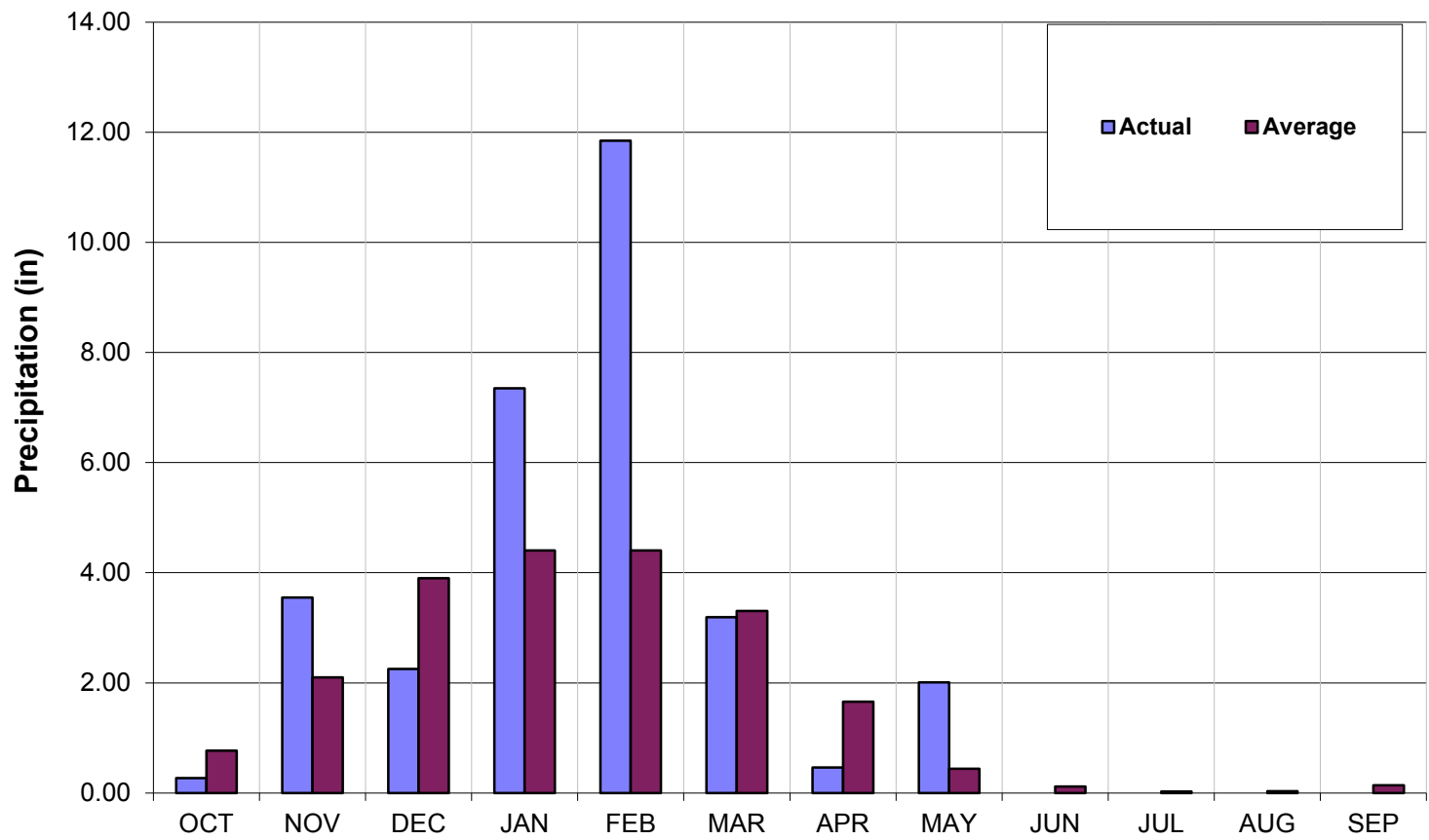
	Acre-Feet
Effective Diversion Limit in CDO (EDL)	8,310
EDL after 1 Missed Milestone	7,310
Less Sand City Desal for General Cal-Am Use	-190
Actual from Carmel River (2018 value)*	<u>-6,648</u>
Remaining “Room under the EDL”	472

Effect of Missing 2 Milestones

A vertical photograph of a river with a small waterfall, surrounded by lush green trees and rocks, is positioned on the left side of the slide.

	Acre-Feet
Effective Diversion Limit in CDO (EDL)	8,310
EDL after 2 Missed Milestones	6,310
Less Sand City Desal for General Cal-Am Use	-190
Actual from Carmel River (2018 value)	<u>-6,648</u>
Remaining "Room under the EDL"	-528
Available Carryover Credit (2018 value)	3,793
Carryover Credit Utilized (750 AF per year max)	528

Monthly Recorded Rainfall at San Clemente Rain Gage: Water Year 2019



Daily Recorded Rainfall at San Clemente Rain Gage: Water Year 2019

Monterey Peninsula Water Management District

HYPLOT V133 Output 06/17/2019

Period 1 Year Plot Start 00:00_10/01/2018

2018/19

Interval 1 Day Plot End 00:00_10/01/2019

SC_RAIN

San Clemente Rainfall

Rainfall (in)

Total

LOGGERNET

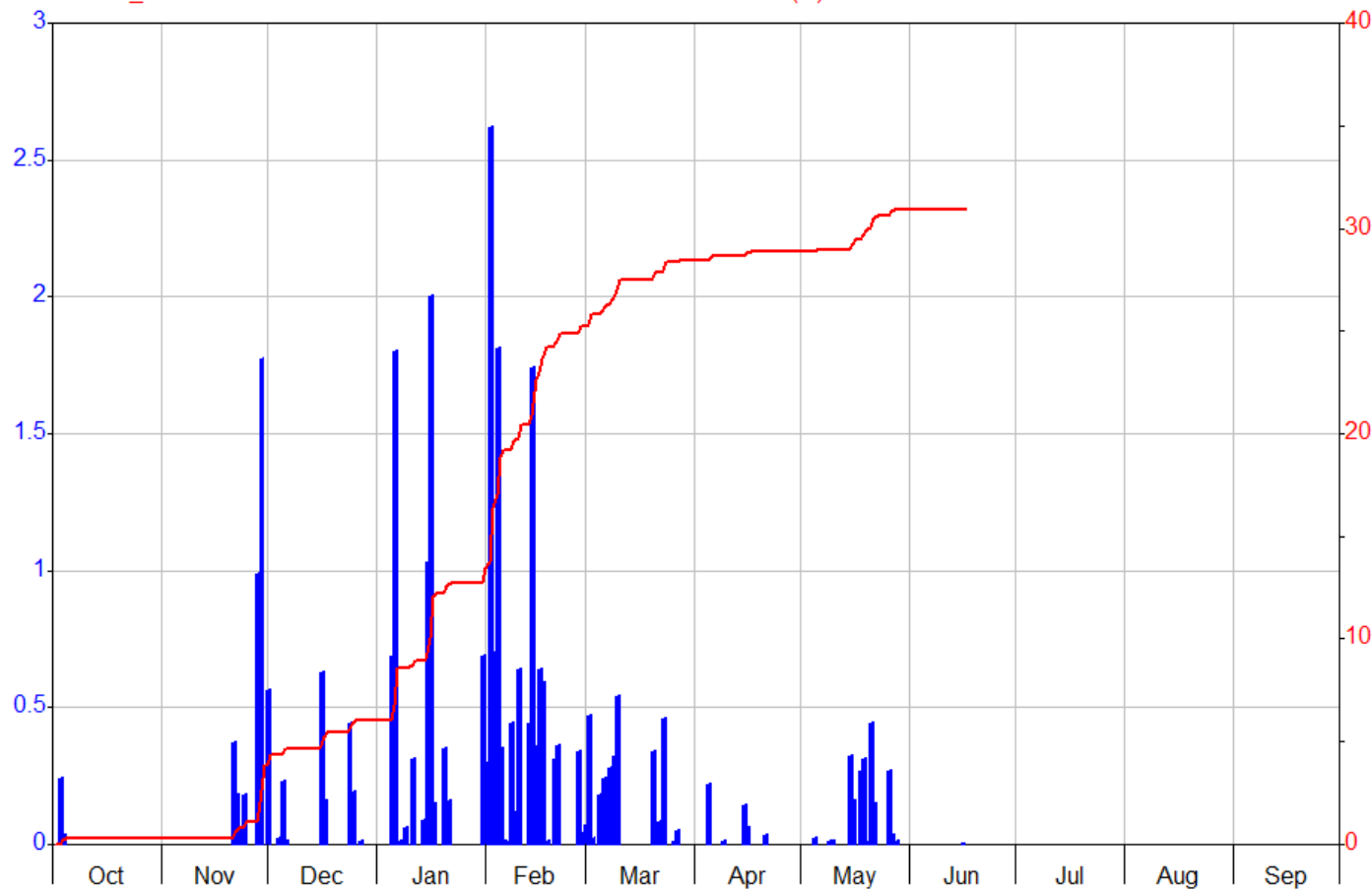
SC_RAIN

San Clemente Rainfall

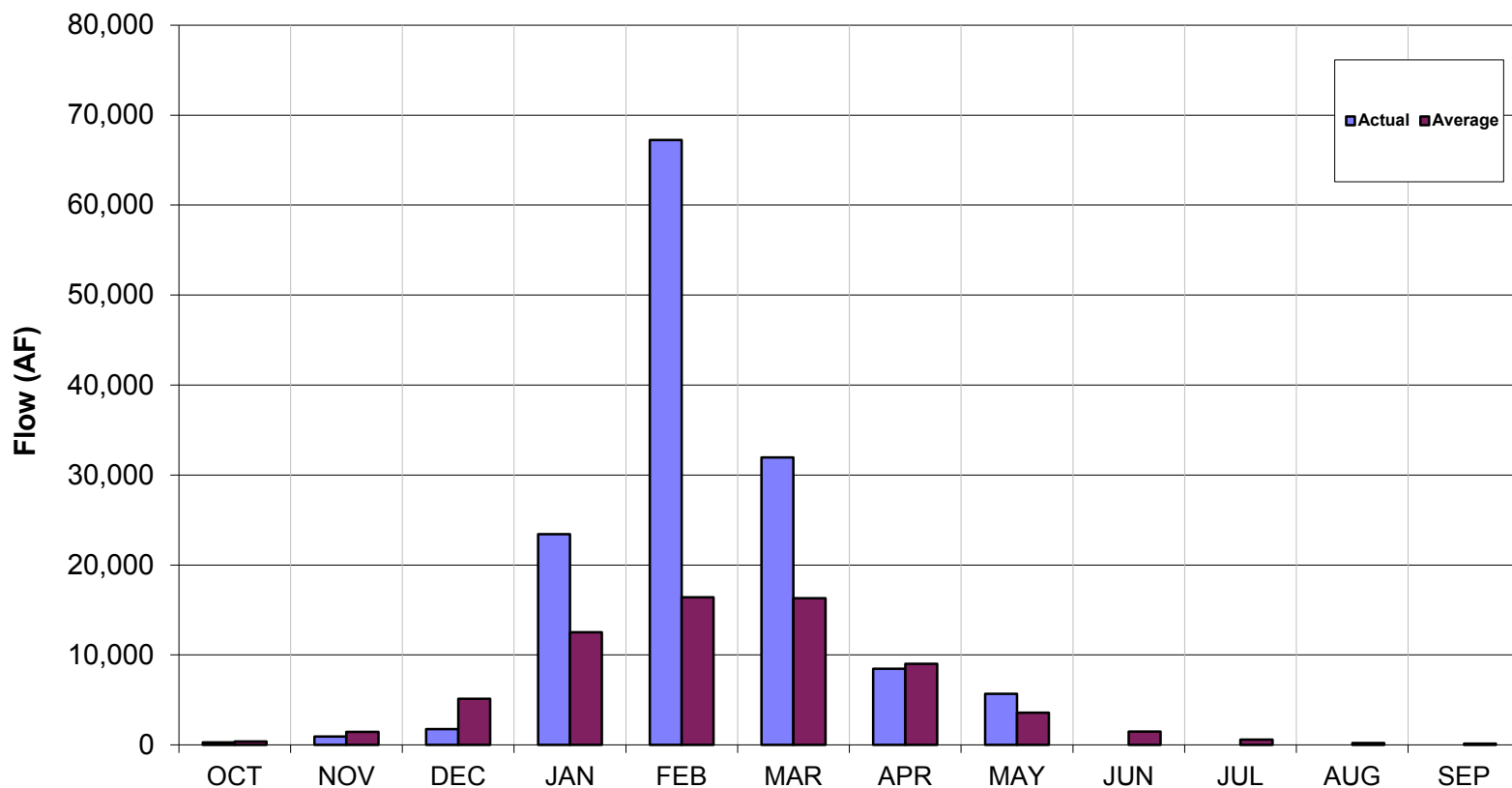
Rainfall (in)

Cumulative

LOGGERNET



Estimated Unimpaired Carmel River Flow at Sleepy Hollow Weir: Water Year 2019



ASR Injection: Water Year 2019

ASR Injection Summary WY 2019

