



General Manager's Report Item 12:

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

Meeting Date: July 15, 2019

Staff contact: David J. Stoldt

Actual versus Target Production

Water Year 2019 – Oct to Jul

(All Values in Acre-Feet)

Year-to-Date Values	MPWRS				MPWRS Total
	Carmel River Basin ^{2, 6}	Seaside Groundwater Basin		Ajudication Compliance	
		Coastal	Laguna Seca		
Target	6,330	1,100	0	1,100	7,430
Actual ⁴	5,539	1,581	194	1,775	7,314
Difference	791	-481	-194	-675	116
WY 2018 Actual	5,298	1,926	204	2,130	7,428

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 Jul

(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	200	227	225	652
Actual ⁴	0	471	108	579
Difference	200	-244	117	73
WY 2018 Actual	43	153	140	336

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.

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	504	156	0	98	0	7	765
May-19	587	143	0	101	11	7	849
Jun-19	721	154	0	0	24	7	905
Jul-19							
Aug-19							
Sep-19							
Total	4,398	1,775	0	471	108	70	6,822
WY 2018	4,551	2,130	43	153	140	42	7,059

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	9,719	10,130	Rule 160 Production Limit
--------------------------------------	-------	--------	---------------------------

1. Average includes production from Carmel River, Seaside Basin, Sand City Desal, and ASR recovery produced for Customer Service.

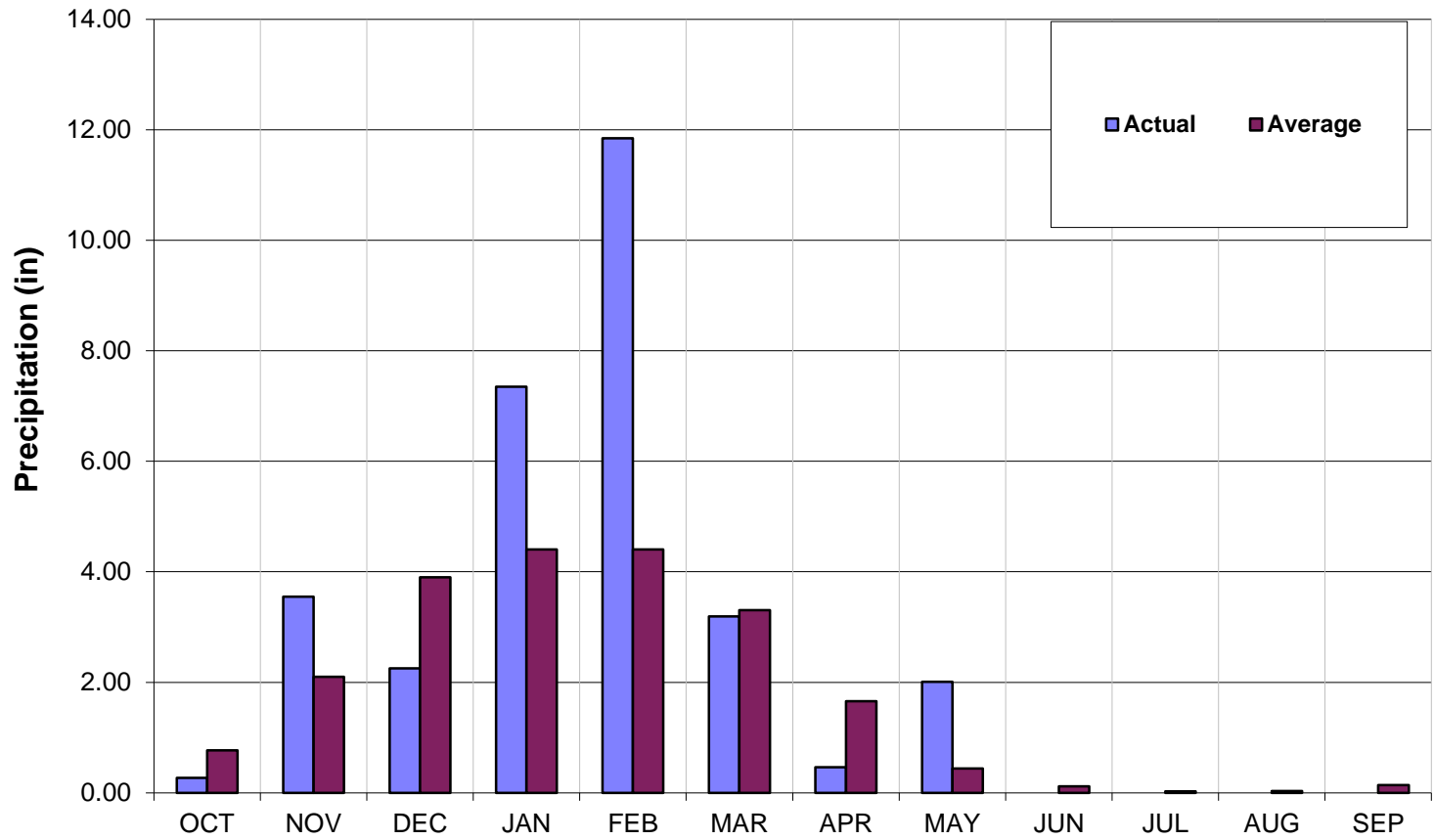
Effect of Missing a Milestone

	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

	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



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

