



General Manager's Report Item 10:

Status Report on Cal-Am Compliance
with SWRCB Orders and Seaside Basin
Decision as of October 1, 2016

Meeting Date: October 17, 2016

Staff contact: David J. Stoldt

Actual versus Target Production for Cal-Am: Oct to Sep 2016 (Acre-Feet)

Year-to-Date Values	Carmel River Basin ²	Seaside Groundwater Basin		Water Rights and Projects			MPWRS ³ Total
		Coastal	Laguna Seca	ASR Recovery	Table 13	Sand City ¹	
Target	9,403	2,251	48	600	227	300	12,002
Actual	7,705	1,556	317	609	137	160	9,577
Difference	1,698	695	-269	-9	91	140	2,425

1. Sand City Desal production is subject to the one for one offset for Carmel River production.
2. For CDO compliance, ASR and Table 13 diversions are included in River production per State Board.
3. Sand City Desal is not part of the MPWRS production and is tracked as a new source.
4. To date, 699 AF and 137 AF have been produced from the River for ASR and Table 13 respectively.

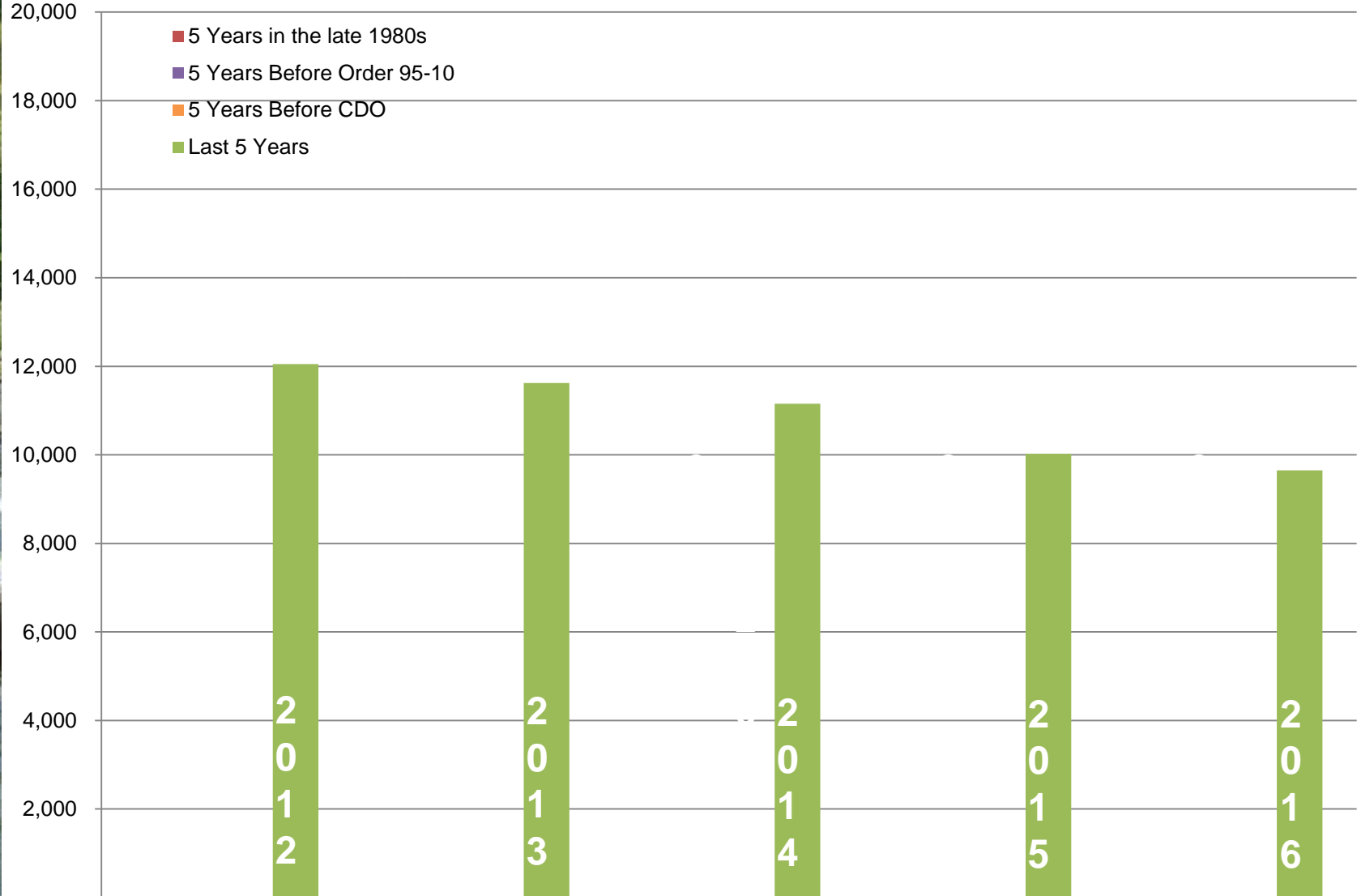
Production for Customer Service for Cal-Am: Oct to Sep 2016 (Acre-Feet)

	Carmel River Basin	Seaside Basin	ASR Recovery	Table 13	Sand City	Total
Oct-15	568	288	0	0	11	867
Nov-15	479	187	0	0	0	666
Dec-15	527	117	0	0	0	644
Jan-16	495	87	0	42	2	627
Feb-16	606	44	0	10	5	664
Mar-16	427	139	0	81	15	662
Apr-16	698	54	0	3	28	783
May-16	761	98	0	0	22	881
Jun-16	614	165	149	0	20	948
Jul-16	680	141	155	0	9	986
Aug-16	583	225	155	0	23	987
Sep-16	432	328	150	0	25	935
Total	6,869	1,872	609	137	160	9,648

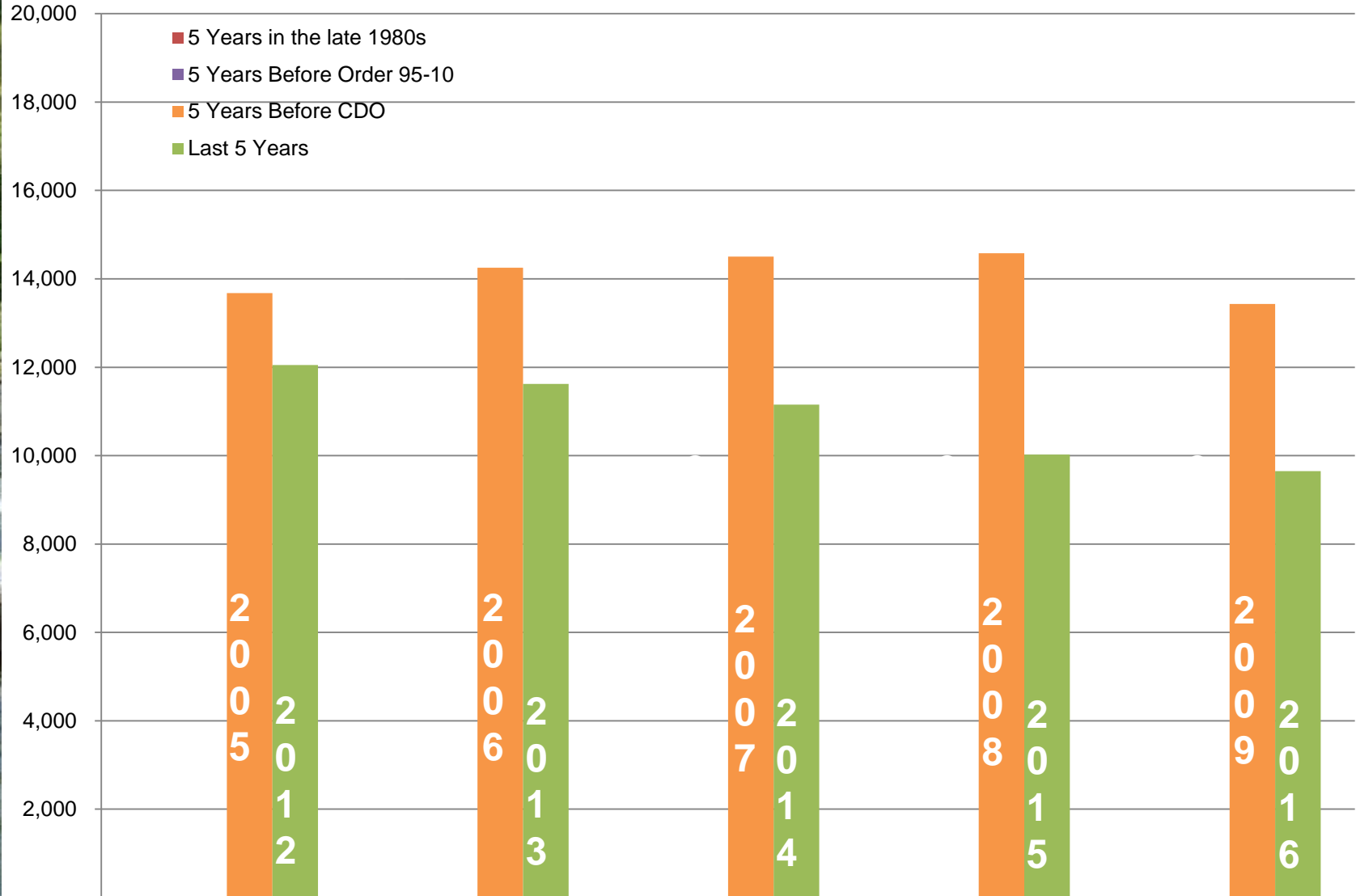
Notes:

1. “Sand City” refers to the Sand City Desalination Facility, which pumps brackish water from the Seaside Groundwater Basin as source water. The Sand City values refer to yield from the facility.
2. “ASR Recovery” refers to the amount of water recovered for customer service from the Aquifer Storage and Recovery (ASR) Project .
3. “Table 13” refers to water diverted and consumed under Table 13 Water Rights within the Carmel River Basin when river flows are in excess of permit limits.
4. Carmel River Basin Target reflects assumed annual production of 300 AF from Sand City.
5. Production numbers are estimated pending finalization of CAW production data.

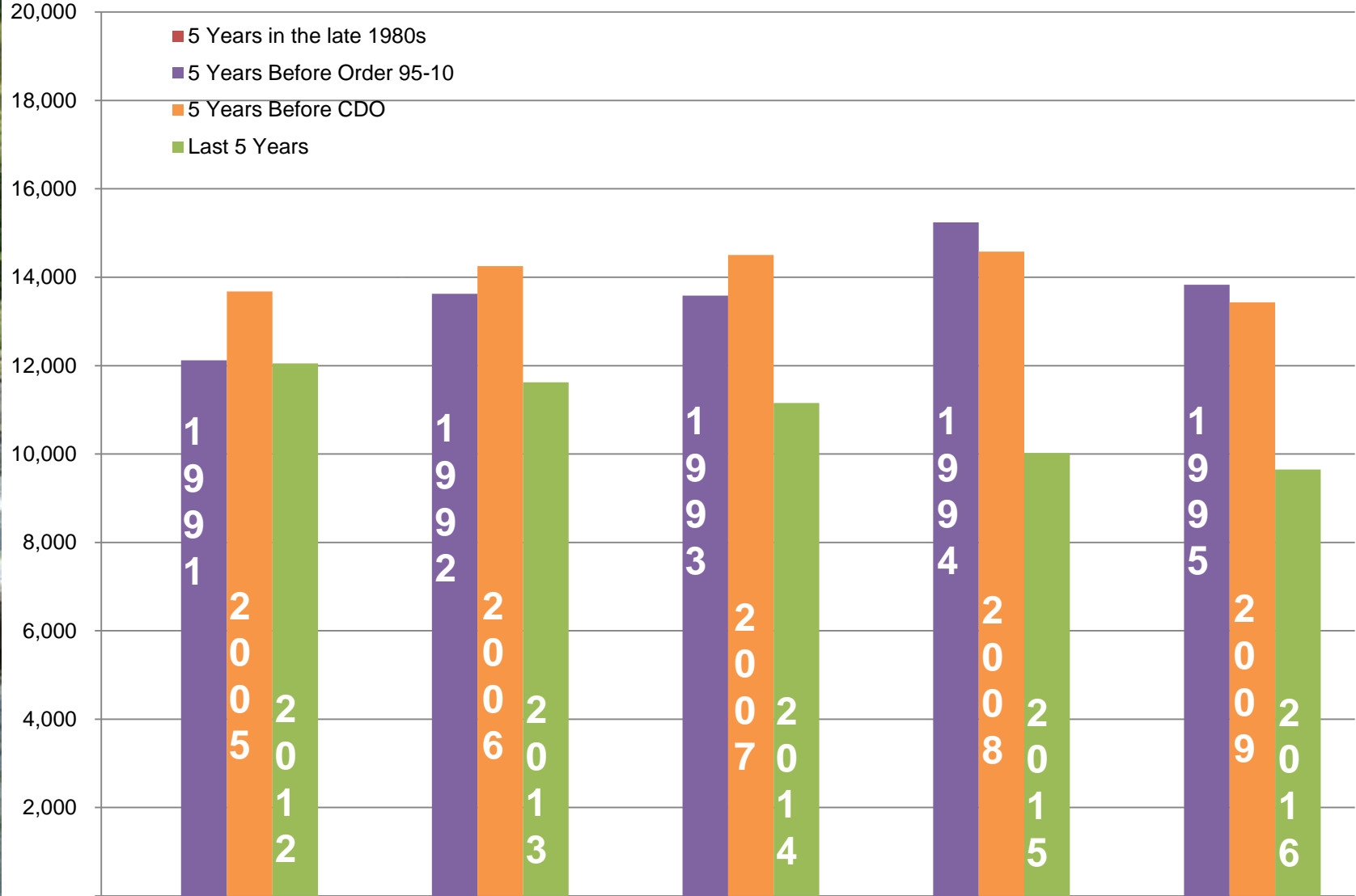
Production for Customer Service Last 5 Years (Acre-Feet)



Production for Customer Service Last 5 Years v. CDO (Acre-Feet)



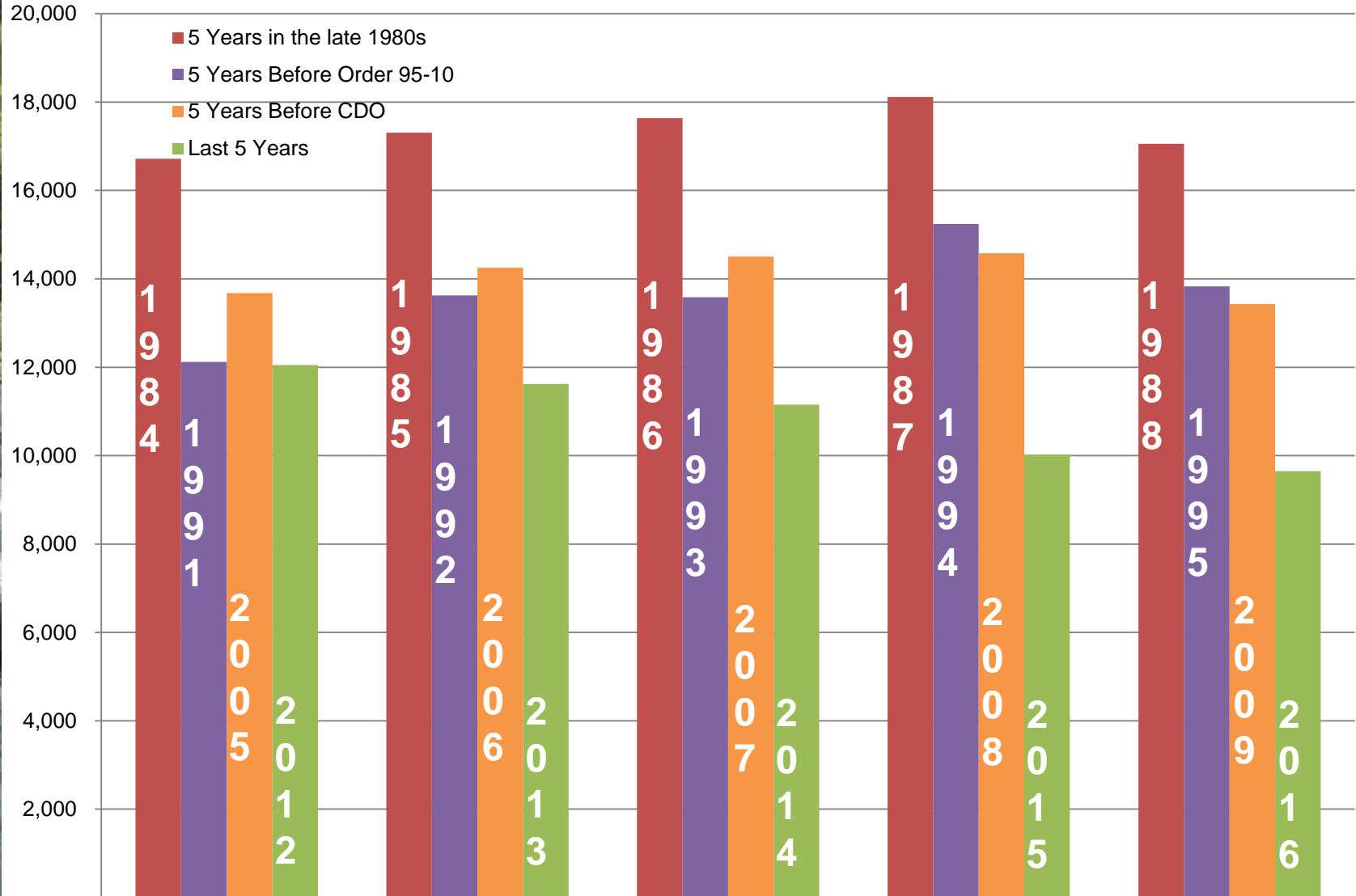
Production for Customer Service Last 5 Years, CDO, & Order 95-10 (Acre-Feet)



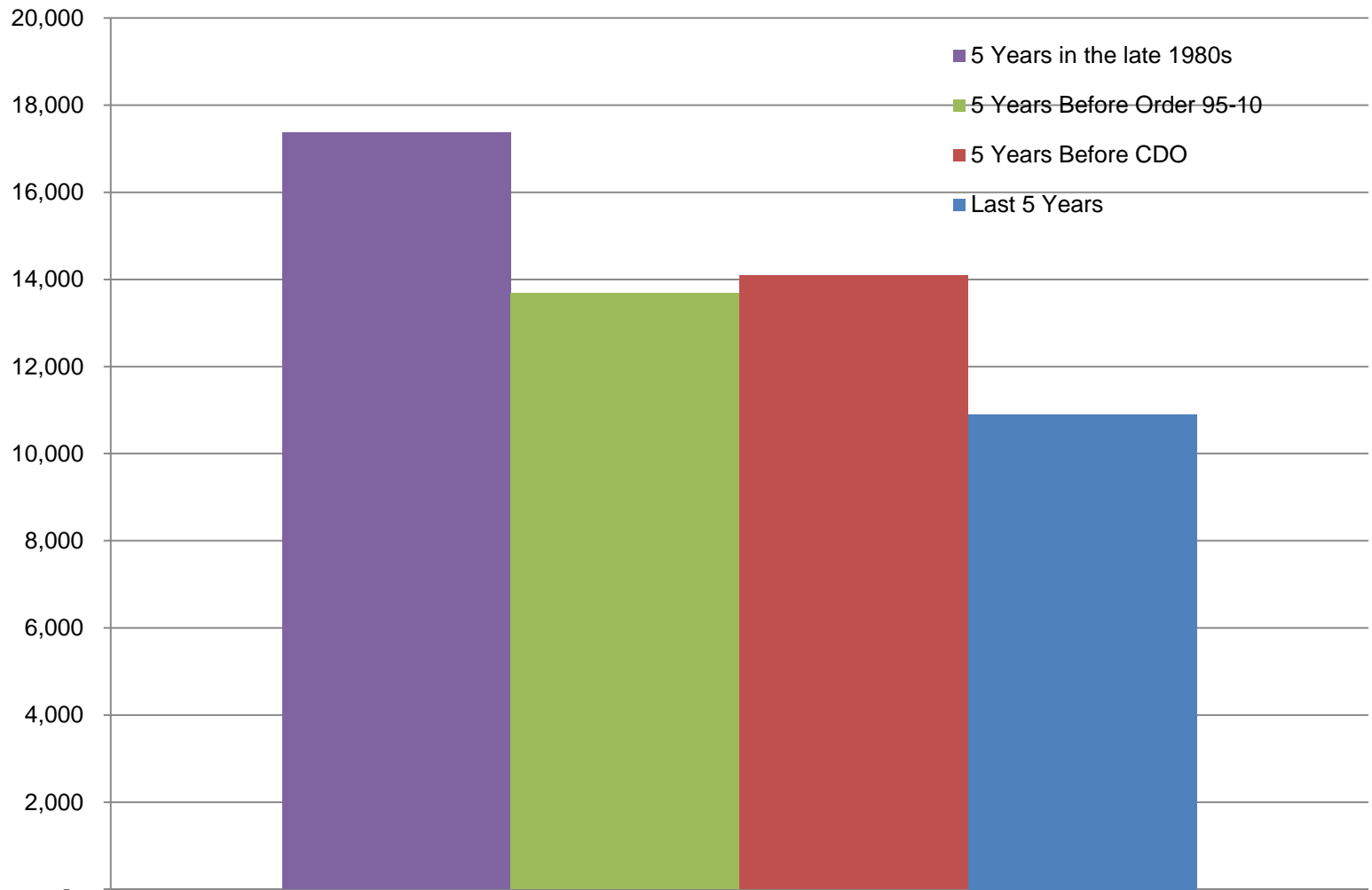
Production for Customer Service

Last 5 Years, CDO, Order 95-10, Late 1980s

(Acre-Feet)



Average Production for Customer Service Last 5 Years, CDO, Order 95-10, Late 1980s (Acre-Feet)




Average Production for Customer Service Last 5 Years, CDO, Order 95-10, Late 1980s

2016 versus 5 years before CDO	4,441 AF
2016 versus 2009	3,784 AF
2016 versus 5 years before 95-10	4,032 AF
2016 versus the late 1980s	7,718 AF

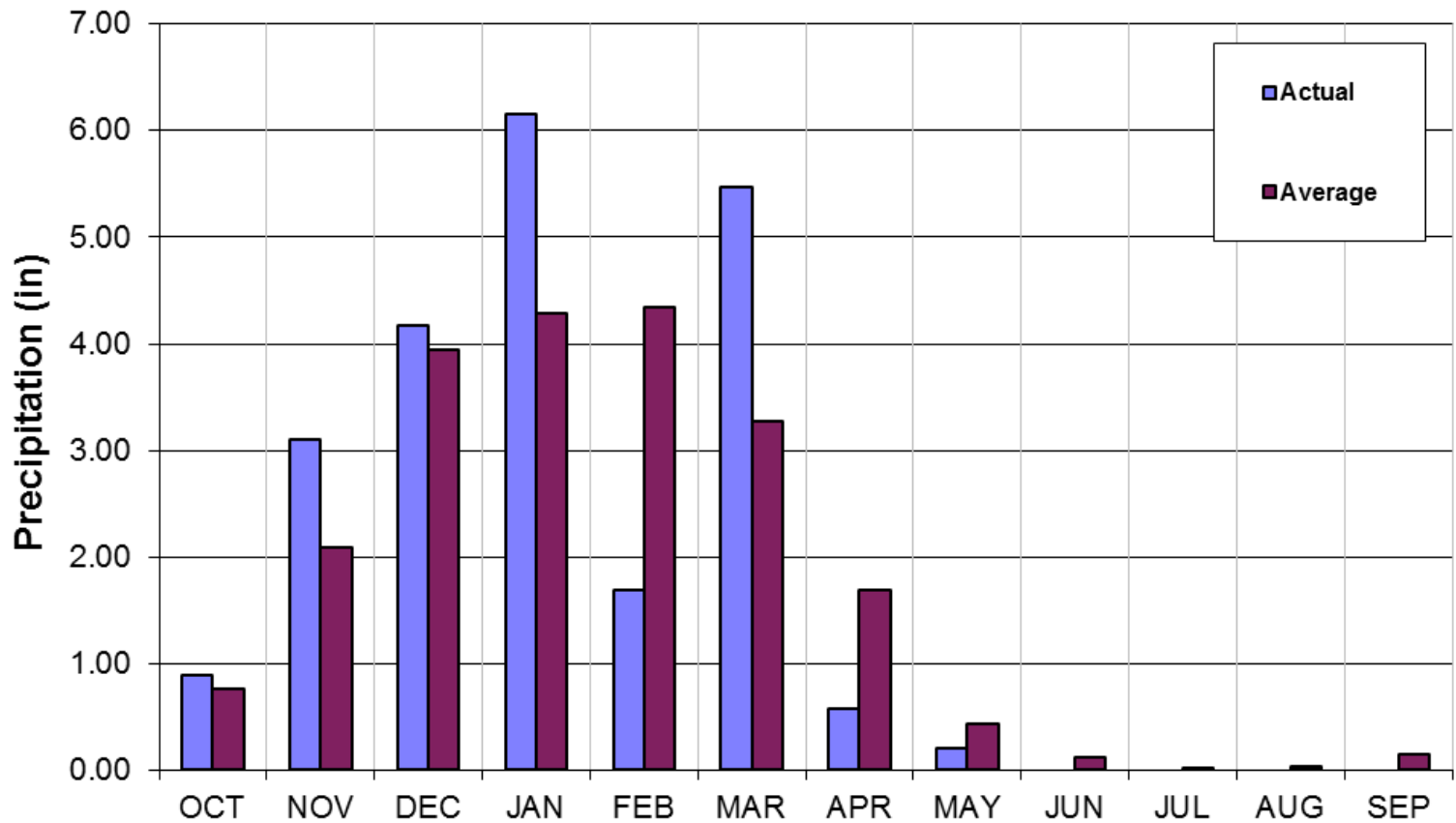


Carmel River Production Versus New Effective Diversion Limit



2015-16 Carmel River Production	7,705 AF
New CDO Effective Diversion Limit	8,310 AF
“Breathing Room”	605 AF

Recorded Rainfall at San Clemente Dam: Water Year 2016



Estimated Unimpaired Carmel River Flow at Sleepy Hollow Weir: Water Year 2016

