

Table 1

2011 Low Flow Memorandum of Agreement & Quarterly Water Budget

Carmel River Reservoirs: Diversion and Release Schedule (All Values in Acre-Feet, except as indicated)

Assuming Normal Inflow Conditions & Drawdown to 995' Elevation = 315 AF

	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	WY 2011
Los Padres Reservoir																
Inflow	557	761	6,101	8,635	10,654	9,194	4,628	2,246	821	279	55	55	190	498	1,859	43,986
Outflow																
Evaporation	19	11	2	13	13	21	29	33	56	59	60	44	19	11	5	360
Spillage	0	0	5,088	8,007	10,086	8,558	4,004	1,555	170	0	0	0	0	0	0	37,469
Release (Fish Ladder)	615	556	615	615	555	615	595	615	595	467	498	452	436	488	615	6,792
Release (Outlet)	213	119	0	0	0	0	0	0	0	0	0	0	0	0	0	332
Release (Notch)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Storage																
Beginning of Month	1,550	1,260	1,335	1,731	1,731	1,731	1,731	1,731	1,775	1,775	1,527	1,024	583	318	317	
End of Month	1,260	1,335	1,731	1,731	1,731	1,731	1,731	1,775	1,775	1,527	1,024	583	318	317	1,556	
Between Reservoirs																
Inflow	93	177	1,150	2,321	3,930	2,298	1,157	566	205	70	14	14	47	124	465	11,995
Outflow																
Evapotranspiration	31	18	16	21	20	37	53	74	63	68	58	53	37	21	16	511
Private Usage	5	2	2	2	2	2	5	7	8	8	8	6	5	2	2	58
San Clemente Reservoir																
Inflow	885	832	6,835	10,920	14,549	11,432	5,698	2,655	899	461	446	408	442	589	1,062	56,019
Outflow																
Evaporation	4	3	3	5	6	6	14	11	15	12	11	9	4	3	4	99
Spillage	819	770	6,089	10,239	13,932	10,750	5,030	1,968	229	0	0	0	0	0	930	49,827
Diversion (Filter Plant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Release (Valve)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Release (Six Ports)	0	0	0	0	0	0	0	0	66	0	0	0	0	0	0	66
Release (Fish Ladder)	0	0	615	615	555	615	595	615	595	387	374	363	377	514	0	5,328
Leakage	61	59	61	61	56	61	59	61	59	61	61	59	61	59	61	724
Total Storage																
Beginning of Month	71	71	71	137	137	137	137	137	137	71	71	71	71	71	71	
End of Month	71	71	137	137	137	137	137	137	71	71	71	71	71	71	137	
Total Release	881	829	6,766	10,915	14,543	11,426	5,684	2,644	950	449	435	422	438	573	992	55,944
Mean Daily Release in cfs	14.3	13.9	110.1	177.6	261.9	185.9	95.5	43.0	16.0	7.3	7.1	7.1	7.1	9.6	16.1	
Mean Daily Diversion in cfs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Mean Daily Diversion in cfs (Russell Wells)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Notes:

1. The minimum pool requirements at Los Padres and San Clemente Reservoirs are 105 acre-feet at elevation 980 ft and 71 acre-feet at elevation 515 ft, respectively.
2. Projected inflows for the September through December 2011 period are based on the expectation that unimpaired flows at San Clemente Dam will represent a "normal" Water Year Type or 50% exceedance values for reconstructed unimpaired monthly historical flows (WY 1902-2009).
3. Projected inflow to San Clemente Reservoir is distributed 80% above Los Padres Dam and 20% between Los Padres and San Clemente Dams.
4. Estimated evaporation from LPR/SCR is based on average monthly reservoir surface area and gross monthly evaporation rates developed by the US Army Corps of Engineers (1981).
5. Releases and diversions are consistent with terms of the 2001 and 2006 Conservation Agreements between the NMFS and Cal-Am and with the conditions in SWRCB Order Nos. 95-10, 98-04, 2002-0002, and 2009-0060.
6. Numbers in **Bold** type are final reported numbers, and those in *Italic* s are future estimates.