

Table 1

2010 Low Flow Memorandum of Agreement & Quarterly Water Budget

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

Assuming Above Normal Inflow Conditions During May Through August, Then Ramping Down from Extremely Wet To Normal Each Month From September Through December 2010

	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	WY 2010
Los Padres Reservoir																
Inflow	5,310	1,338	3,288	15,924	12,565	11,918	10,079	5,424	2,676	1,449	921	304	370	710	1,835	71,196
Outflow																
Evaporation	53	11	5	24	13	21	29	33	56	59	60	56	31	11	5	420
Spillage	4,061	732	2,668	15,285	11,997	11,282	9,455	4,776	2,025	775	225	0	0	0	527	63,283
Release (Fish Ladder)	615	595	615	615	555	615	595	615	595	615	615	595	615	556	615	7,238
Release (Outlet)	0	0	0	0	0	0	0	0	0	0	0	106	74	6	0	106
Release (Notch)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Storage																
Beginning of Month	1,150	1,731	1,731	1,731	1,731	1,731	1,731	1,731	1,731	1,731	1,731	1,752	1,299	949	1,086	
End of Month	1,731	1,731	1,731	1,731	1,731	1,731	1,731	1,731	1,731	1,731	1,752	1,299	949	1,086	1,775	
Between Reservoirs																
Inflow	463	130	509	5,173	4,909	6,861	5,266	2,488	945	414	162	76	93	177	459	27,396
Outflow																
Evapotranspiration	61	18	16	21	20	16	21	37	52	50	47	45	31	18	16	404
Private Usage	5	2	2	2	2	2	2	4	8	8	8	6	5	2	2	51
San Clemente Reservoir																
Inflow	5,073	1,437	3,774	21,050	17,439	18,740	15,293	7,838	3,505	1,746	947	726	746	720	1,582	97,568
Outflow																
Evaporation	17	3	4	12	6	6	14	11	15	12	11	12	10	6	4	123
Spillage	4,314	780	3,094	20,362	16,822	18,057	14,625	7,151	2,836	1,673	0	0	0	0	1,450	89,713
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	0	66	875	655	675	655	0	1,596
Release (Fish Ladder)	615	595	615	615	555	615	595	615	595	0	0	0	0	0	0	5,414
Leakage	61	59	61	61	56	61	59	61	59	61	61	59	61	59	61	724
Total Storage																
Beginning of Month	71	137	137	137	137	137	137	137	137	137	71	71	71	71	71	
End of Month	137	137	137	137	137	137	137	137	137	137	71	71	71	71	137	
Total Release	4,990	1,434	3,770	21,038	17,433	18,734	15,279	7,827	3,490	1,800	936	714	736	714	1,512	97,446
Mean Daily Release in cfs	81.2	24.1	61.3	342.2	314.0	304.7	256.8	127.3	58.7	29.3	15.2	12.0	12.0	12.0	24.6	
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	0.6	2.3	1.6	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Notes:

- 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.
- Projected inflows for the September through December 2010 period are based on the expectation that unimpaired flows at San Clemente Dam will ramp down each month from "extremely wet" to "normal" or 12.5%, 25%, 37.5%, and 50% exceedance values for reconstructed unimpaired monthly historical flows (WY 1902-2009); i.e., 380, 463, 887, and 2294 AF, respectively.
- Projected inflow to San Clemente Reservoir is distributed 80% above Los Padres Dam and 20% between Los Padres and San Clemente Dams.
- Estimated evaporation is based on average monthly reservoir surface area and gross monthly evaporation rates developed by US Army Corps of Engineers (1981).
- 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.
- Numbers in **Bold** type are final reported numbers, and those in *Italic* s are future estimates.