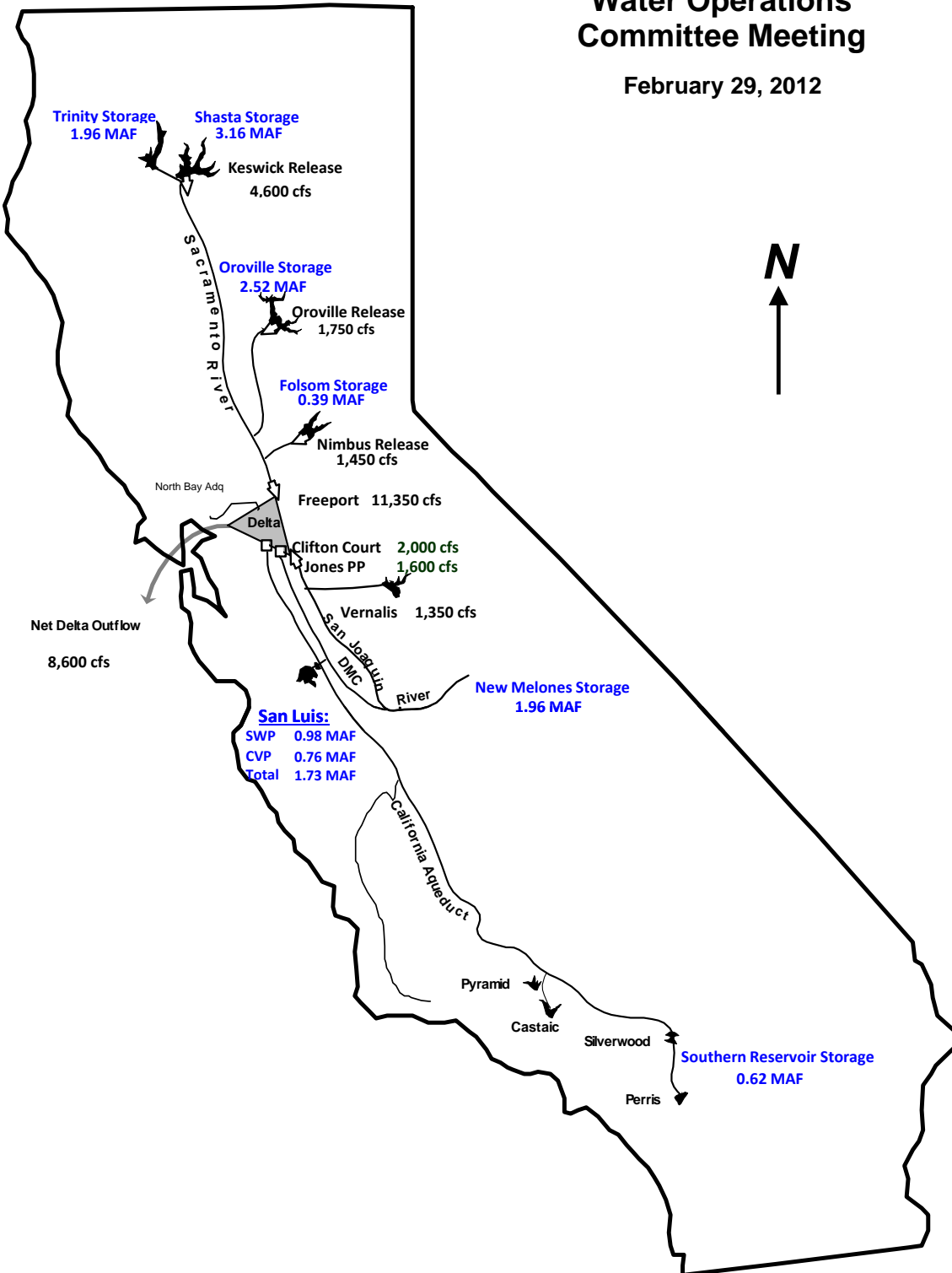


Water Operations Committee Meeting

February 29, 2012



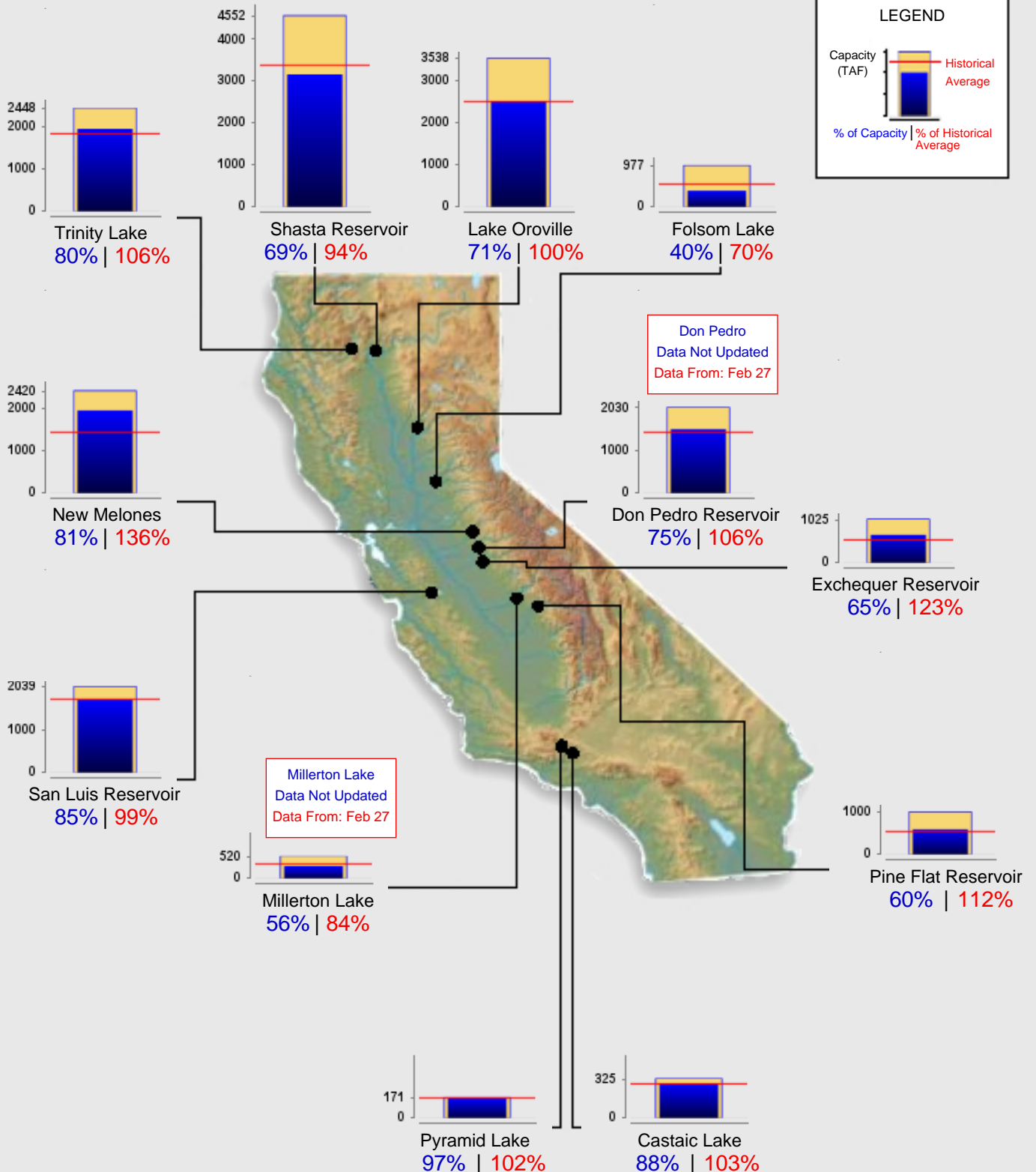
Data as of:
02/29/12



Reservoir Conditions

Ending At Midnight - February 28, 2012

CURRENT RESERVOIR CONDITIONS





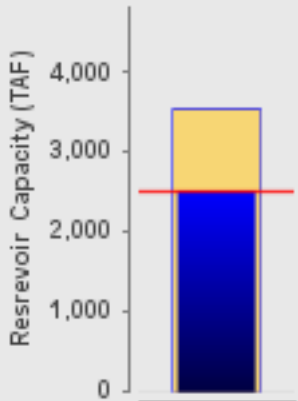
Reservoir Conditions - Lake Oroville

DWR -902



Lake Oroville Conditions

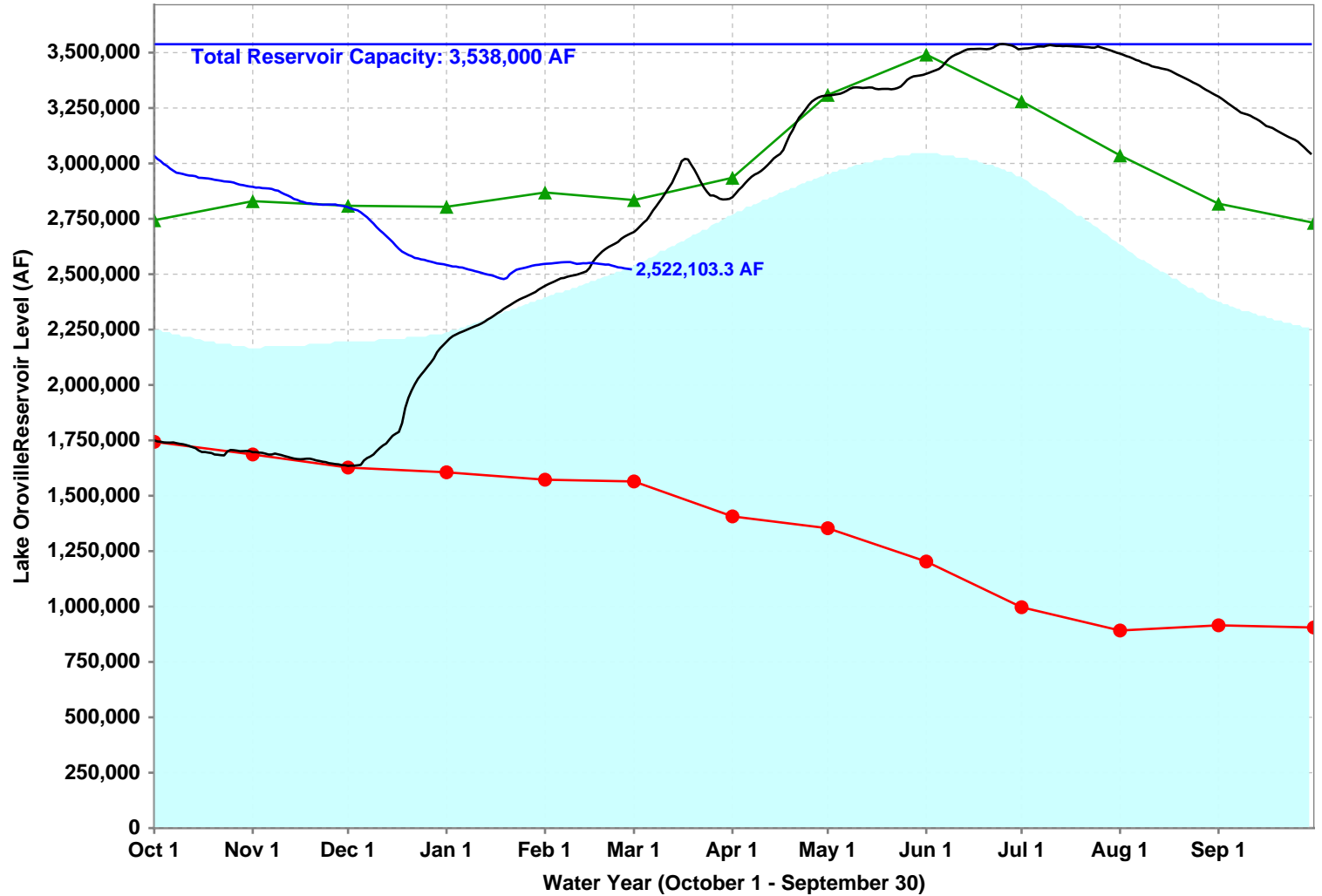
(as of Midnight - February 28, 2012)



Current Level: 2,522,103.3 AF

71% (Total Capacity) | 100% (Historical Avg.)

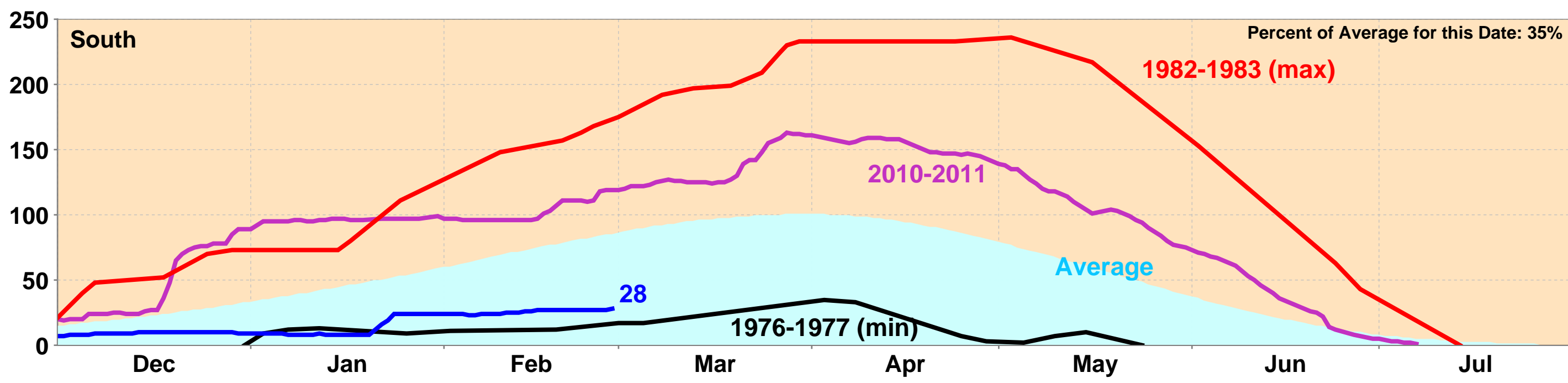
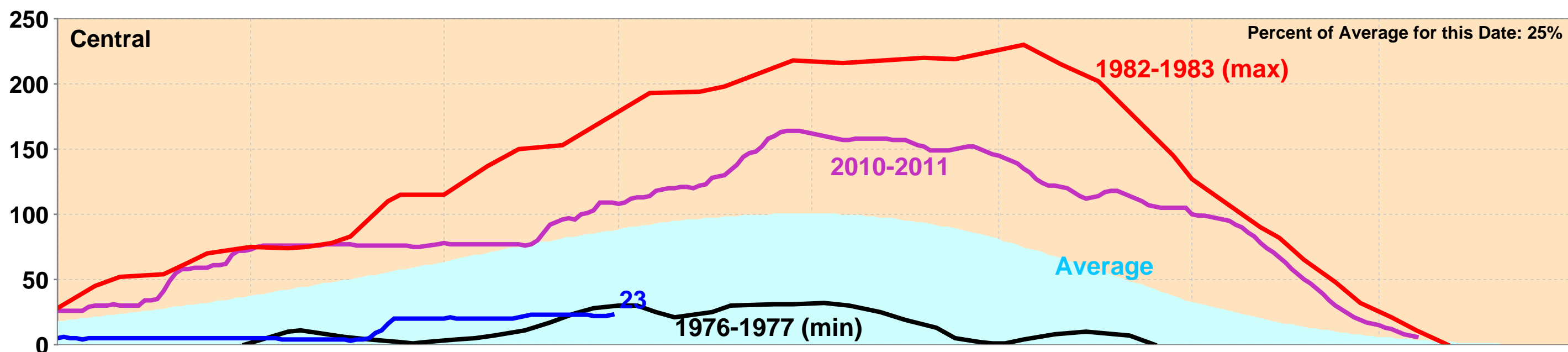
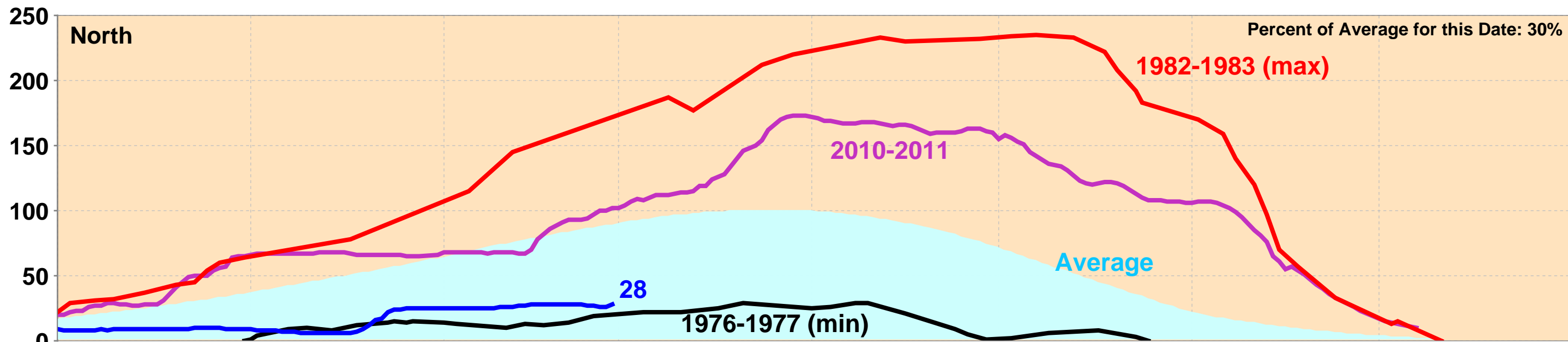
Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight February 28, 2012



■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977 (Driest)
 ▲ 1982-1983 (Wettest)
 — 2010-2011
 — Current: 2011-2012

California Snow Water Content, February 28, 2012, Percent of April 1 Average

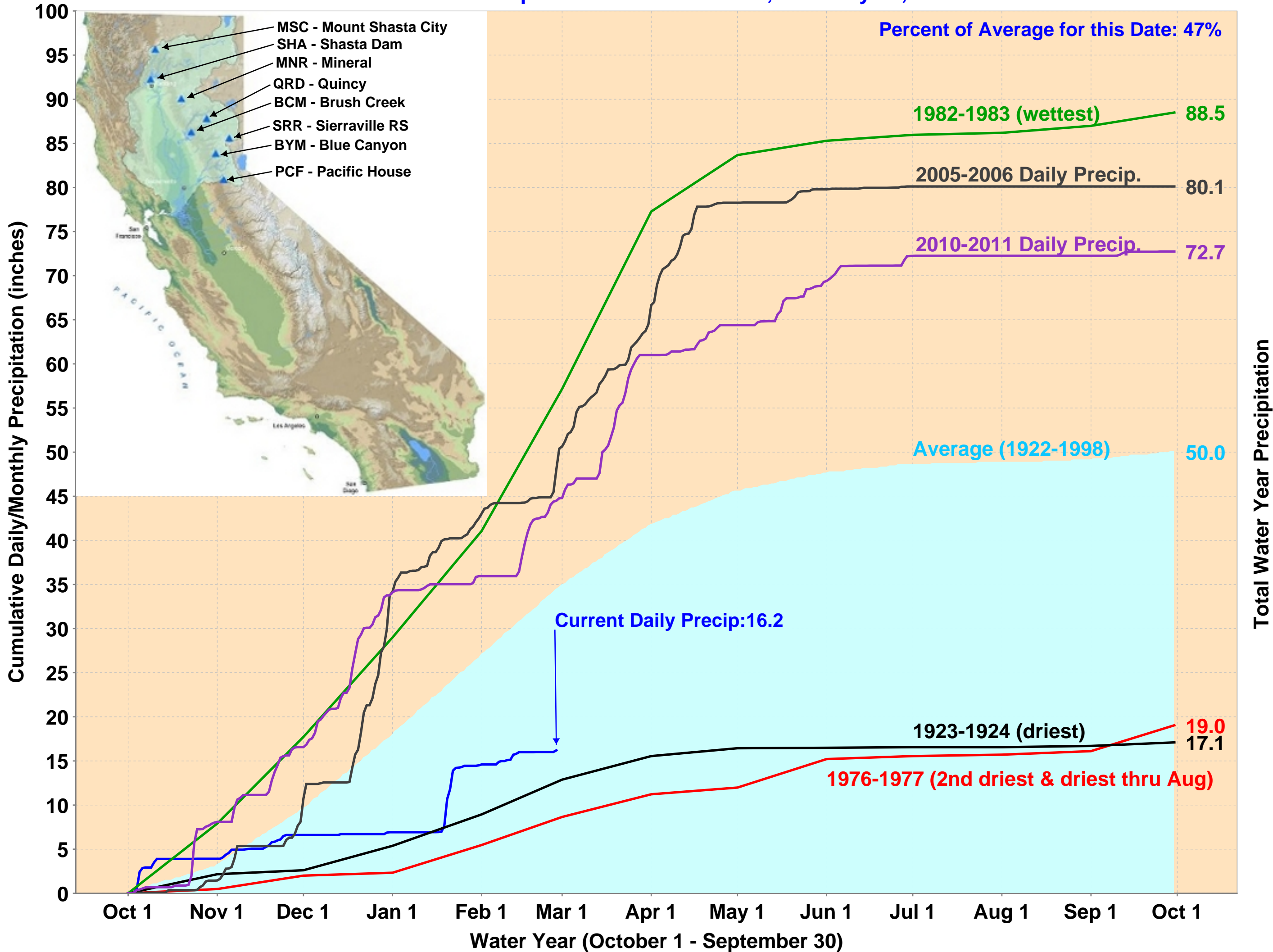
DWR -902



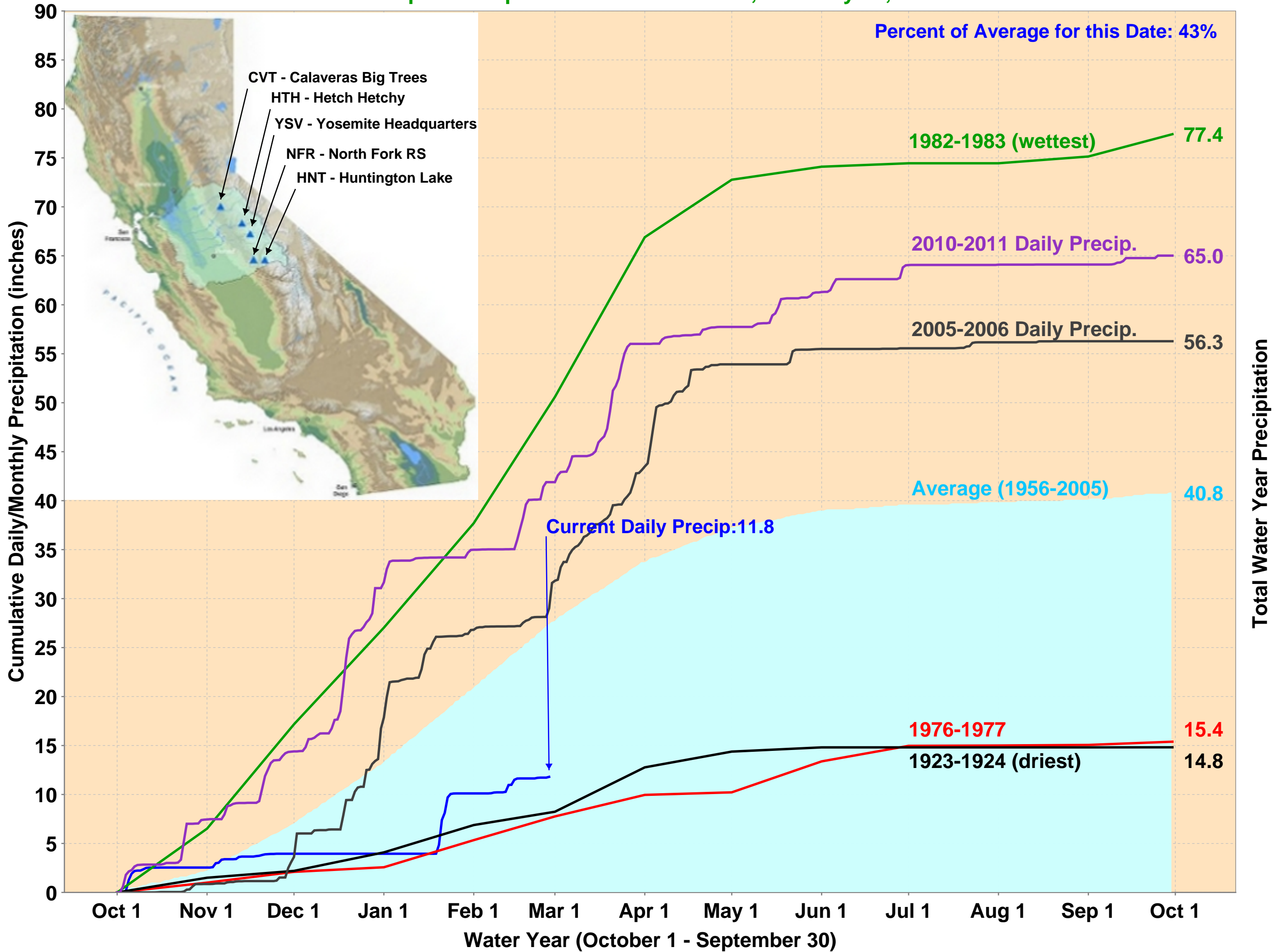
Statewide Percent of April 1: 25%

Statewide Percent of Average for Date: 30%

Northern Sierra Precipitation: 8-Station Index, February 28, 2012



San Joaquin Precipitation: 5-Station Index, February 27, 2012



Allocation Analysis for 2012 (TAF)
WY 2012 based on February Water Supply Forecast

DWR -902

	2011 Dec	2012												Total (MAF)	Possible Table A %
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
50% Exceedance (90% Fall) D1641				D	SRI = 9.4	SVI = 6.0	Possible 2012 Table A Delivery =						2,701	65%	
Oroville EOM Storage	2545	2545	2525	2843	2983	3031	2847	2413	1924	1662	1561	1445	1427	-	
Feather R. release (avg. cfs)	4460	1760	2520	1760	3360	1300	3410	7070	8620	5550	3550	2490	1760	-	
SWP Banks PP exports	318	269	103	197	139	95	100	304	405	393	114	195	266	2,580	
Potential South of Delta Art. 21 Water Avail.	0	0	0	50	0	0	0	0	0	0	0	0	0	0.050	
SWP San Luis EOM Storage	964	1038	963	1062	1062	933	660	546	544	580	405	368	450	-	
SWP Contractor Deliveries	274	181	112	92	130	212	360	406	398	353	289	236	183	2,952	
50% Exceedance (90% Fall) Most Restrictive OMR				D	SRI = 9.4	SVI = 6.0	Possible 2012 Table A Delivery =						2,508	60%	
Oroville EOM Storage	2545	2545	2525	2843	3079	3132	3007	2470	1981	1719	1618	1502	1484	-	
Feather R. release (avg. cfs)	4460	1760	2520	1760	1750	1220	2420	8750	8620	5550	3550	2490	1760	-	
SWP Banks PP exports	318	228	103	60	43	42	41	415	413	401	114	195	297	2,352	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	997	963	928	838	671	365	391	425	496	343	323	450	-	
SWP Contractor Deliveries	274	181	110	89	123	197	334	376	369	327	267	218	169	2,759	
50% Exceedance (90% Fall) Mod Restrictive OMR				D	SRI = 9.4	SVI = 6.0	Possible 2012 Table A Delivery =						2,577	62%	
Oroville EOM Storage	2545	2545	2525	2843	3071	3113	2962	2425	1936	1674	1573	1457	1439	-	
Feather R. release (avg. cfs)	4460	1760	2520	1760	1880	1400	2860	8750	8620	5550	3550	2490	1760	-	
SWP Banks PP exports	318	228	103	86	51	49	67	415	413	401	114	195	297	2,419	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	997	963	953	869	704	414	430	454	515	354	328	450	-	
SWP Contractor Deliveries	274	181	111	90	126	202	343	387	379	336	274	224	174	2,828	
50% Exceedance (90% Fall) Least Restrictive OMR				D	SRI = 9.4	SVI = 6.0	Possible 2012 Table A Delivery =						2,749	66%	
Oroville EOM Storage	2545	2545	2525	2843	3024	3020	2787	2403	1922	1660	1559	1443	1425	-	
Feather R. release (avg. cfs)	4460	1760	2520	1760	2670	2150	4240	6260	8490	5550	3550	2490	1760	-	
SWP Banks PP exports	318	228	103	187	98	147	149	262	405	401	114	195	297	2,586	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	997	963	1051	1008	928	698	535	525	562	382	340	450	-	
SWP Contractor Deliveries	274	181	113	92	132	215	367	413	405	360	294	240	187	3,000	
75% Exceedance (90% Fall) D1641				D	SRI = 7.9	SVI = 5.5	Possible 2012 Table A Delivery =						2,055	49%	
Oroville EOM Storage	2545	2545	2525	2649	2629	2507	2300	2019	1705	1503	1402	1286	1297	-	
Feather R. release (avg. cfs)	4460	1760	2520	1760	3430	2280	2390	4150	4880	4130	3550	2490	1280	-	
SWP Banks PP exports	318	269	103	187	118	76	62	103	200	211	148	244	232	1,953	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	1038	963	1062	1062	963	738	521	410	352	285	356	450	-	
SWP Contractor Deliveries	274	181	106	82	108	163	272	306	299	264	215	175	156	2,306	
75% Exceedance (90% Fall) Most Restrictive OMR				D	SRI = 7.9	SVI = 5.5	Possible 2012 Table A Delivery =						1,969	47%	
Oroville EOM Storage	2545	2545	2525	2649	2704	2616	2430	2099	1685	1483	1386	1266	1277	-	
Feather R. release (avg. cfs)	4460	1760	2520	1760	2170	1720	2030	4960	6510	4130	3550	2490	1280	-	
SWP Banks PP exports	318	228	103	60	43	42	41	161	308	219	148	244	232	1,829	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	997	963	937	864	738	503	357	367	329	271	349	450	-	
SWP Contractor Deliveries	274	181	105	80	105	156	260	293	286	252	205	167	130	2,220	
75% Exceedance (90% Fall) Mod Restrictive OMR				D	SRI = 7.9	SVI = 5.5	Possible 2012 Table A Delivery =						1,991	48%	
Oroville EOM Storage	2545	2545	2525	2649	2694	2598	2385	2103	1689	1487	1386	1270	1281	-	
Feather R. release (avg. cfs)	4460	1760	2520	1760	2340	1850	2490	4160	6510	4130	3550	2490	1280	-	
SWP Banks PP exports	318	228	103	85	53	50	68	112	308	219	148	244	232	1,850	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	997	963	961	898	778	568	369	376	335	274	351	450	-	
SWP Contractor Deliveries	274	181	105	81	106	158	263	296	289	255	207	169	132	2,242	
75% Exceedance (90% Fall) Least Restrictive OMR				D	SRI = 7.9	SVI = 5.5	Possible 2012 Table A Delivery =						2,055	49%	
Oroville EOM Storage	2545	2545	2525	2649	2646	2452	2239	1989	1705	1503	1402	1286	1297	-	
Feather R. release (avg. cfs)	4460	1760	2520	1760	3140	3450	2490	3640	4390	4130	3550	2490	1280	-	
SWP Banks PP exports	318	228	103	163	101	148	68	80	178	219	148	244	232	1,912	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	997	963	1038	1021	994	775	535	402	352	285	356	450	-	
SWP Contractor Deliveries	274	181	106	82	108	163	272	306	299	264	215	175	156	2,306	
90% Exceedance (90% Fall) D1641				C	SRI = 6.9	SVI = 5.1	Possible 2012 Table A Delivery =						1,919	46%	
Oroville EOM Storage	2545	2545	2525	2606	2580	2468	2241	1979	1669	1470	1369	1253	1269	-	
Feather R. release (avg. cfs)	4460	1760	2430	1760	2770	1710	2250	3140	4370	4130	3550	2490	1200	-	
SWP Banks PP exports	318	269	103	155	60	68	84	80	182	203	146	244	227	1,821	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	1038	963	1032	979	882	697	478	369	322	267	351	450	-	
SWP Contractor Deliveries	274	181	104	79	103	153	253	285	278	245	199	162	126	2,170	
90% Exceedance (90% Fall) Most Restrictive OMR				C	SRI = 6.9	SVI = 5.1	Possible 2012 Table A Delivery =						1,858	45%	
Oroville EOM Storage	2545	2545	2525	2606	2597	2511	2327	1995	1654	1455	1364	1238	1254	-	
Feather R. release (avg. cfs)	4460	1760	2430	1760	2490	1280	1530	4280	4880	4130	3550	2490	1200	-	
SWP Banks PP exports	318	228	103	57	43	42	41	158	221	211	146	244	227	1,721	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	997	963	935	867	748	529	397	336	305	257	346	450	-	
SWP Contractor Deliveries	274	181	103	79	101	148	245	275	269	236	192	157	122	2,109	
90% Exceedance (90% Fall) Mod OMR Cont 50% Allocation				C	SRI = 6.9	SVI = 5.1	Possible 2012 Table A Delivery =						2,082	50%	
Oroville EOM Storage	2545	2545	2525	2606	2587	2492	2282	2040	1709	1510	1409	1293	1306	-	
Feather R. release (avg. cfs)	4460	1760	2430	1760	2660	1430	1970	2810	4720	4130	3550	2490	1250	-	
SWP Banks PP exports	318	228	103	83	53	51	67	76	219	219	146	244	230	1,719	
Potential South of Delta Art. 21 Water Avail.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
SWP San Luis EOM Storage	964	997	963	958	892	766	542	294							

Assumptions for 2012 Allocation Analysis

Notes:

- Deliveries based on SWPAO's 2012 50% delivery file.
- 60% FRSA delivery assumed for 50% forecast.
- 50% FRSA delivery assumed for 75% , 90% and 99% forecasts.
- Probability of exceedence is based on February Water Supply Forecast.
- Half of the Lower Yuba River Accord component 1 water is included in all the OMR cases.
- Determination of Biological Opinions' (BO) impacts at the export facilities - SWP and CVP will share available water evenly under the BO restrictions.
- D1641 forecasts includes costs (1/1/12 through 1/31/12) associated with the 2008 USFWS Biological Opinion for Delta Smelt, 2009 NMFS Salmon BO and the longfin incidental take permit.

Estimated Delivery in Details

	(1)	(2)	(3)	(4)	(1+3-2)	(1+2+4)	(1+3+4)
	'12 Table A	Txfr Adj	'12-'13 ANTCO	'11 CO & Others	2012 Allocation	2012 Delivery	Total Water Available for '12
50% Exceedence (90% Fall) D1641	2.483 maf	0.000 maf	0.218 maf	0.469 maf	2.701 maf	2.952 maf	3.170 maf
50% Exceedence (90% Fall) Most Restrictive OMR	2.290 maf	0.000 maf	0.218 maf	0.469 maf	2.508 maf	2.759 maf	2.977 maf
50% Exceedence (90% Fall) Mod Restrictive OMR	2.359 maf	0.000 maf	0.218 maf	0.469 maf	2.577 maf	2.828 maf	3.046 maf
50% Exceedence (90% Fall) Least Restrictive OMR	2.531 maf	0.000 maf	0.218 maf	0.469 maf	2.749 maf	3.000 maf	3.218 maf
75% Exceedence (90% Fall) D1641	1.837 maf	0.000 maf	0.218 maf	0.469 maf	2.055 maf	2.306 maf	2.524 maf
75% Exceedence (90% Fall) Most Restrictive OMR	1.751 maf	0.000 maf	0.218 maf	0.469 maf	1.969 maf	2.220 maf	2.438 maf
75% Exceedence (90% Fall) Mod Restrictive OMR	1.773 maf	0.000 maf	0.218 maf	0.469 maf	1.991 maf	2.242 maf	2.460 maf
75% Exceedence (90% Fall) Least Restrictive OMR	1.837 maf	0.000 maf	0.218 maf	0.469 maf	2.055 maf	2.306 maf	2.524 maf
90% Exceedence (90% Fall) D1641	1.701 maf	0.000 maf	0.218 maf	0.469 maf	1.919 maf	2.170 maf	2.388 maf
90% Exceedence (90% Fall) Most Restrictive OMR	1.640 maf	0.000 maf	0.218 maf	0.469 maf	1.858 maf	2.109 maf	2.327 maf
90% Exceedence (90% Fall) Mod OMR Cont 50% Alloca	1.864 maf	0.000 maf	0.218 maf	0.469 maf	2.082 maf	2.333 maf	2.551 maf
90% Exceedence (90% Fall) Mod OMR Full C1	1.681 maf	0.000 maf	0.218 maf	0.469 maf	1.899 maf	2.150 maf	2.368 maf
90% Exceedence (90% Fall) Mod Restrictive OMR	1.662 maf	0.000 maf	0.218 maf	0.469 maf	1.880 maf	2.131 maf	2.349 maf
90% Exceedence (90% Fall) Least Restrictive OMR	1.717 maf	0.000 maf	0.218 maf	0.469 maf	1.935 maf	2.186 maf	2.404 maf
99% Exceedence (90% Fall) Moderate Restrictive OM	1.425 maf	0.000 maf	0.218 maf	0.469 maf	1.643 maf	1.894 maf	2.112 maf

Reservoir Targets

- Lake Oroville storage target = 1.000 MAF + "F" x (3.045 MAF - 1.000 MAF) on September 30; where "F" = 1/2 x Possible Table A %.

Exceedence	Possible Table A	Storage Target
50% Exceedence (90% Fall) D1641	65%	1.66 MAF
50% Exceedence (90% Fall) Most Restrictive OMR	60%	1.61 MAF
50% Exceedence (90% Fall) Mod Restrictive OMR	62%	1.63 MAF
50% Exceedence (90% Fall) Least Restrictive OMR	66%	1.67 MAF
75% Exceedence (90% Fall) D1641	49%	1.50 MAF
75% Exceedence (90% Fall) Most Restrictive OMR	47%	1.48 MAF
75% Exceedence (90% Fall) Mod Restrictive OMR	48%	1.49 MAF
75% Exceedence (90% Fall) Least Restrictive OMR	49%	1.50 MAF
90% Exceedence (90% Fall) D1641	46%	1.47 MAF
90% Exceedence (90% Fall) Most Restrictive OMR	45%	1.46 MAF
90% Exceedence (90% Fall) Mod OMR Cont 50% Alloca	50%	1.51 MAF
90% Exceedence (90% Fall) Mod OMR Full C1	46%	1.47 MAF
90% Exceedence (90% Fall) Mod Restrictive OMR	45%	1.46 MAF
90% Exceedence (90% Fall) Least Restrictive OMR	46%	1.47 MAF
99% Exceedence (90% Fall) Moderate Restrictive OM	39%	1.40 MAF

- SWP San Luis storage targets for 2012

Exceedence	Deadpool	Total
All	42 taf	42 taf

- Fall Storage Level

>>>> for the 50% , 75% , 90% and 99% Exceedences

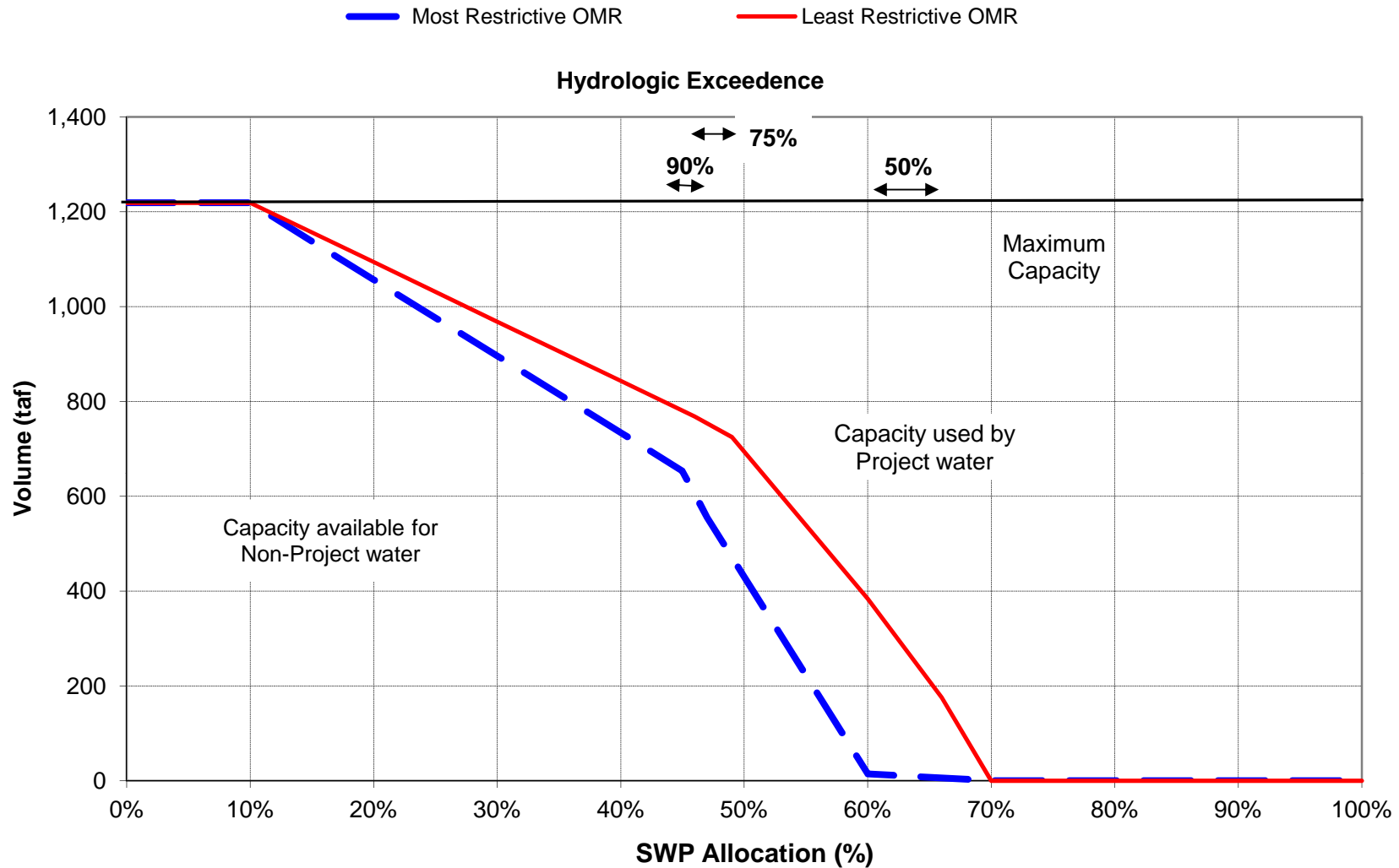
	Deadpool	'12-'13 ANTCO =	Required Storage
Oct-12	42 taf	136 taf	178 >>> 1/3 of '12-'13 ANTCO is available in Oct. '12
Nov-12	42 taf	272 taf	314 >>> 2/3 of '12-'13 ANTCO is available in Nov. '12
Dec-12	42 taf	408 taf	450 >>> 100% of '12-'13 ANTCO is available in Dec. '12

OMR Assumptions

	Most Restrictive OMR	Moderate OMR	Least Restrictive OMR
January	-1250	-3500	-5000
February	-1250	-3500	-5000
March	-1250	-2000	-5000
April	-1250	-2000	-3500
May	-1250	-2000	-5000
June	-1250	-2500	-5000
December 1-17	-2000		
December 18-31	-1250	-2000	-5000

* Targets in accordance with the USFWS Delta Smelt BO, NMFS Salmon BO and the Longfin Incidental Take Permit.

Total Estimated Conveyance Capacity at Banks Between July - September 2012



* Based on February's 2012 Allocation Analysis (dated 2/2012).
 ** Assumed maximum permitted capacity of 6,680 cfs at Clifton Court Forebay.
 *** Capacity may be further reduced up to a maximum of 128 TAF for the CVC Contractors.