

State Water Project and Central Valley Project Water Balance Estimates

Pursuant to Requirements of January 31, 2014 (and subsequent modifications) Order on Temporary Urgency Changes to Delta Requirements

Late Updated: 10/31/2014

(See Notes at the bottom of this document)

Thousand Acre-Feet (TAF)

Inflows

Values in Thousand Acre Feet (TAF)

	February	March	April	May	June	July	August	September	October	November	December
Trinity	47	152	77	31	13	8	3	4	9	14	22
Whiskeytown	8	21	8	<1	<1	<1	<1	<1	2	2	4
Shasta	288	572	359	201	155	150	148	139	200	230	260
Folsom	171	169	161	98	61	67	80	57	50	50	60
New Melones	31	36	40	36	24	24	20	23	25	20	20
Oroville	187	351	220	96	85	91	63	94	63	69	65

Reservoir Storage

Values in Thousand Acre Feet (TAF)

	February	March	April	May	June	July	August	September	October	November	December
Trinity	1,187	1,307	1,281	1,196	1,163	865	698	607	561	532	534
Whiskeytown	206	209	238	237	237	238	236	237	230	225	206
Shasta	1,773	2,199	2,409	2,177	1,851	1,575	1,342	1,157	1,120	1,159	1,230
Folsom	305	436	547	548	471	406	381	345	292	287	291
New Melones	1,060	1,037	917	799	713	626	553	520	467	472	477
Oroville	1,407	1,716	1,877	1,734	1,511	1,253	1,000	1,100	910	941	992

Trinity Diversions

Values in Thousand Acre Feet (TAF)

	February	March	April	May	June	July	August	September	October	November	December
Carr Power Plant	6	14	66	26	93	172	122	24	41	24	1
Spring Creek Power Plant	1	20	31	12	71	156	107	9	30	19	12

Accretions (+) / Depletions (-)

Values in Thousand Acre Feet (TAF)

	February	March	April	May	June	July	August	September	October	November	December
Sacramento Valley	323	642	295	-204	-290	-358	-190	-47	-25	90	160
Net Delta Consumptive Use	65	58	-11	-147	-220	-268	-234	-143	-118	-55	-2

Deliveries

Values in Thousand Acre Feet (TAF)

	February	March	April	May	June	July	August	September	October	November	December
CVP Sacramento River Deliveries	---	---	35	276	275	291	207	est. 49	Not Yet Reported	---	---
CVP Tehama-Colusa Canal Deliveries	6	5	6	15	18	22	16	12	Not Yet Reported	Not Yet Reported	Not Yet Reported
SWP North of Delta M&I Contract Deliveries	0	0	1	4	5	3	4	4	4	3	2
Feather River Service Area Deliveries	---	---	14	150	140	153	112	48	95	---	---

Delta Flows

Values in Thousand Acre Feet (TAF)

	February	March	April	May	June	July	August	September	October	November	December
Delta Inflow at Freeport	597	904	583	344	523	548	518	495	424	447	452
Net Delta Outflow Index	601	794	487	234	287	202	182	184	303	297	307
San Joaquin River Flow at Vernalis	46	52	105	94	19	16	19	23	82	60	60

Exports

Values in Thousand Acre Feet (TAF)

	February	March	April	May	June	July	August	September	October	November	December
CVP Export	74	142	194	77	45	45	33	60	45	45	45
SWP Export	68	124	35	16	14	68	99	118	45	168	218

- NOTES:**
1. This Document was compiled by State Water Resources Control Board staff based on information provided by the California Department of Water Resources and the U.S. Bureau of Reclamation
 2. October through December values represent the historical 90% exceedance values
 3. The observed values are shown in Red. Projected values are shown in Black.
 4. CVP Sacramento River diversions and SWP Feather River diversions are not tracked from November through March
 5. Forecasted operations do not include water transfers

Cubic-Feet per Second (CFS)

Inflows

Values in Cubic Feet per Second (cfs)

	February	March	April	May	June	July	August	September	October	November	December
Trinity	846	2,472	1,294	504	218	130	49	67	146	235	358
Whiskeytown	135	337	131	< 16	< 16	< 16	< 16	< 17	33	34	65
Shasta	5,186	9,303	6,033	3,269	2,605	2,439	2,407	2,336	3,253	3,865	4,228
Folsom	3,079	2,748	2,706	1,594	1,025	1,090	1,301	958	813	840	976
New Melones	558	585	672	585	403	390	325	387	407	336	325
Oroville	3,367	5,708	3,697	1,561	1,428	1,480	1,025	1,529	1,025	1,160	1,057

Reservoir Storage

Values in Cubic Feet per Second (cfs)

	February	March	April	May	June	July	August	September	October	November	December
Trinity	21,373	21,256	21,528	19,451	19,545	14,068	11,352	10,201	9,124	8,940	8,685
Whiskeytown	3,709	3,399	4,000	3,854	3,983	3,871	3,838	3,983	3,741	3,781	3,350
Shasta	31,924	35,763	40,484	35,405	31,107	25,615	21,825	19,444	18,215	19,477	20,004
Folsom	5,492	7,091	9,193	8,912	7,915	6,603	6,196	5,798	4,749	4,823	4,733
New Melones	19,086	16,865	15,410	12,994	11,982	10,181	8,994	8,739	7,595	7,932	7,758
Oroville	25,334	27,908	31,544	28,200	25,393	20,378	16,263	18,486	14,800	15,814	16,133

Trinity Diversions

Values in Cubic Feet per Second (cfs)

	February	March	April	May	June	July	August	September	October	November	December
Carr Power Plant	108	228	1,109	423	1,563	2,797	1,984	403	667	403	16
Spring Creek Power Plant	18	325	521	195	1,193	2,537	1,740	151	488	319	195

Accretions (+) / Depletions (-)

Values in Cubic Feet per Second (cfs)

	February	March	April	May	June	July	August	September	October	November	December
Sacramento Valley	5,816	10,441	4,958	-3,318	-4,874	-5,822	-3,090	-790	-407	1,512	2,602
Net Delta Consumptive Use	1,170	943	-185	-2,391	-3,697	-4,359	-3,806	-2,403	-1,919	-924	-33

Deliveries

Values in Cubic Feet per Second (cfs)

	February	March	April	May	June	July	August	September	October	November	December
CVP Sacramento River Deliveries	---	---	590	4,497	4,622	4,738	3,372	797	Not Yet Reported	---	---
CVP Tehama-Colusa Canal Deliveries	116	78	100	239	304	354	252	190	Not Yet Reported	Not Yet Reported	Not Yet Reported
SWP North of Delta M&I Contract Deliveries	6	7	13	62	78	46	68	66	57	45	40
Feather River Service Area Deliveries	---	---	235	2,439	2,353	2,488	1,821	807	1,545	---	---

Delta Flows

Values in Cubic Feet per Second (cfs)

	February	March	April	May	June	July	August	September	October	November	December
Delta Inflow at Freeport	10,747	14,707	9,799	5,588	8,786	8,913	8,421	8,312	6,896	7,518	7,351
Net Delta Outflow Index	10,827	12,920	8,192	3,805	4,818	3,284	2,965	3,091	4,925	4,995	4,993
San Joaquin River Flow at Vernalis	822	844	1,770	1,528	321	254	306	394	1,334	1,007	976

Exports

Values in Cubic Feet per Second (cfs)

	February	March	April	May	June	July	August	September	October	November	December
CVP Export	1,332	2,309	3,260	1,252	756	732	537	1,008	732	756	732
SWP Export	1,224	2,017	588	260	235	1,106	1,610	1,919	732	2,823	3,545

- NOTES:** 1. This Document was compiled by State Water Resources Control Board staff based on information provided by the California Department of Water Resources and the
2. October through December values represent the historical 90% exceedence values
3. The observed values are shown in Red. Projected values are shown in Black.
4. CVP Sacramento River diversions and SWP Feather River diversions are not tracked from November through March
5. Forecasted operations do not include water transfers