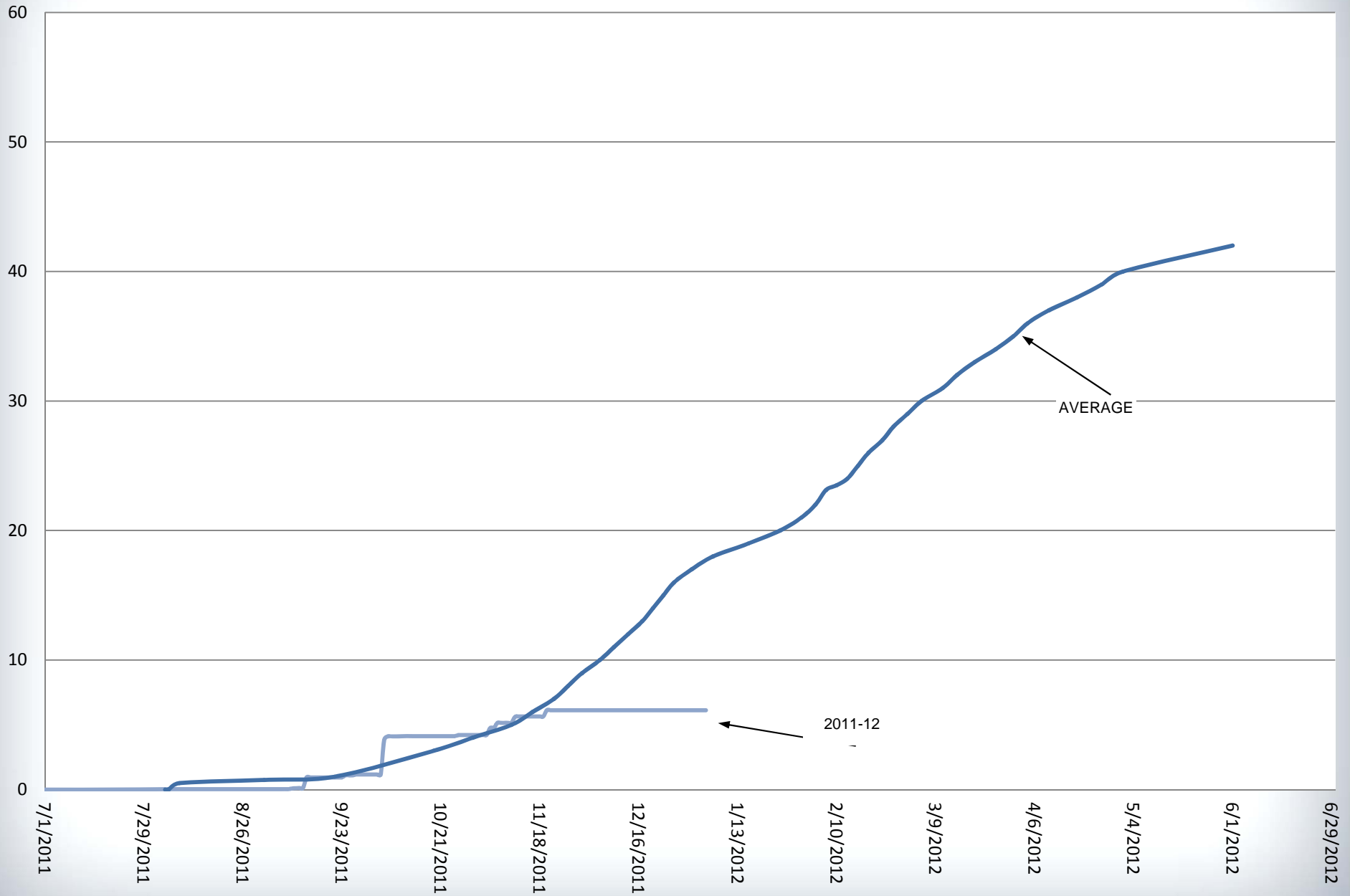


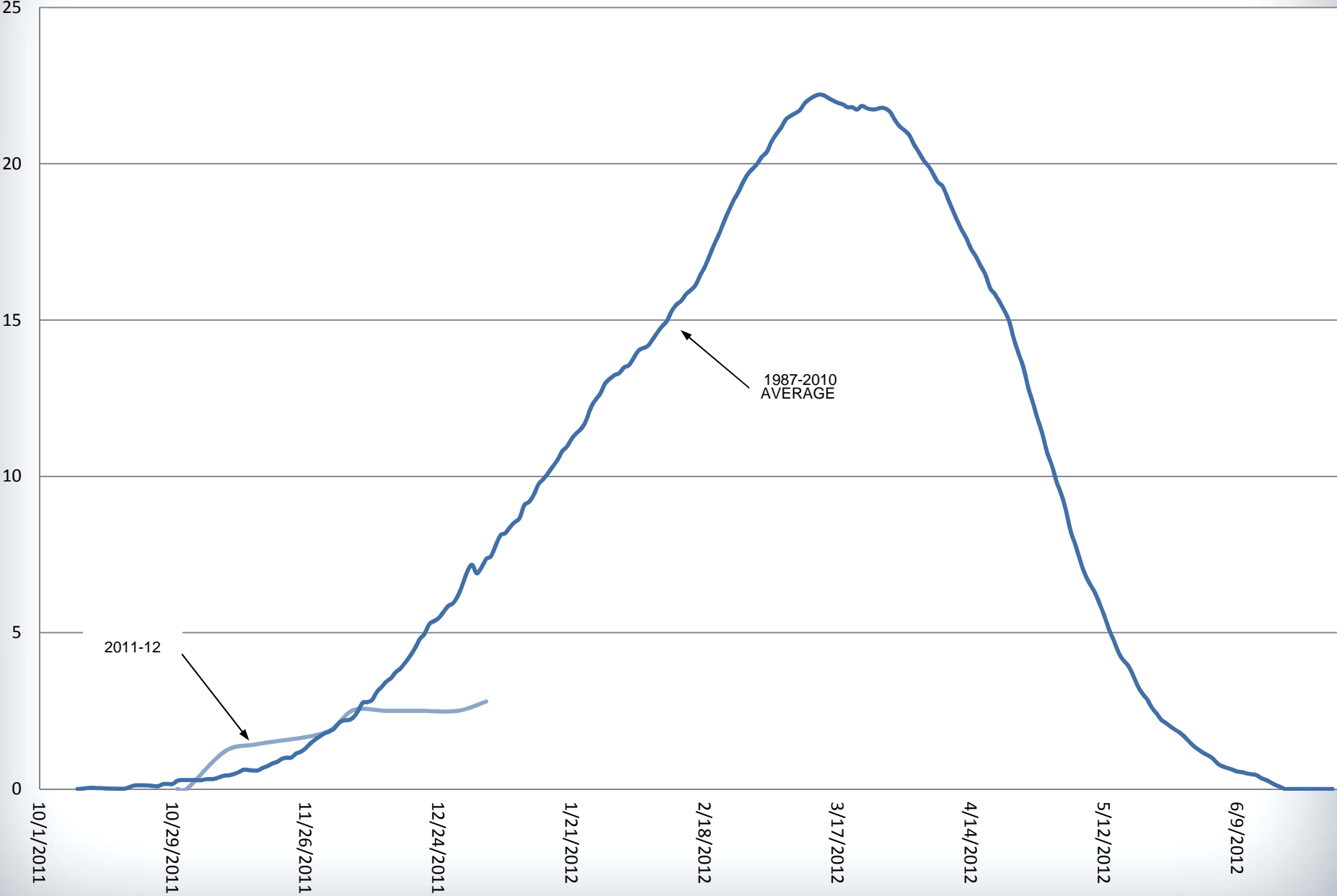
# HUNTINGTON PRECIPITATION

## Water Accumulation in Inches



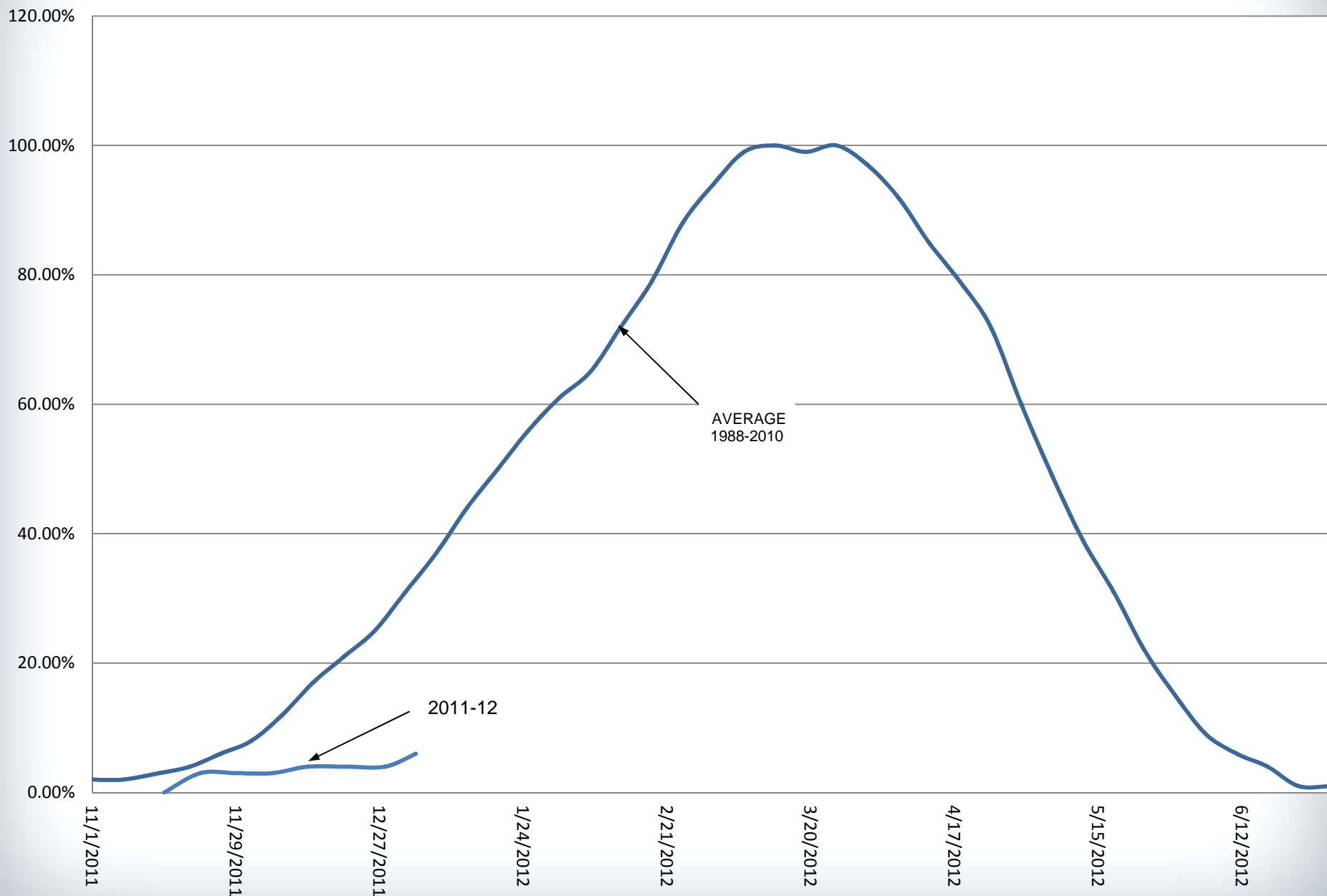
# HUNTINGTON SNOW DATA

## Water Content in Inches



# SAN JOAQUIN BASIN

## Water Content in Percent of April 1st Average



**FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA**

		THIS YEAR 01/06/12	LAST WEEK	LAST YEAR 01/07/11
<b>RESERVOIR STORAGE (A.F.)</b>	<b>CAPACITY</b>	<b>STORAGE</b>		
<b>Southern California Edison:</b>				
Vermillion (Edison)	125,000	98,888	99,081	80,471
Florence	64,400	37,023	37,071	41,074
Huntington	89,000	50,246	55,717	55,275
Shaver	<u>135,300</u>	<u>0</u>	<u>0</u>	<u>15,416</u>
Sub-total (Big Creek)	413,700	186,157	191,869	192,236
Mammoth Pool	122,000	46,568	45,767	94,196
Redinger	<u>26,100</u>	<u>23,253</u>	<u>22,429</u>	<u>23,875</u>
Sub-total Southern California Edison	<u>561,800</u>	<u>255,978</u>	<u>260,065</u>	<u>310,307</u>
<b>Pacific Gas &amp; Electric:</b>				
Crane Valley (Bass Lake)	45,400	17,163	17,002	25,762
Kerckhoff	<u>4,200</u>	<u>3,493</u>	<u>3,677</u>	<u>3,569</u>
Sub-total P G & E	<u>49,600</u>	<u>20,656</u>	<u>20,679</u>	<u>29,331</u>
<b>TOTAL UPSTREAM STORAGE</b>	<b>611,400</b>	<b>276,634</b>	<b>280,744</b>	<b>339,638</b>
<b>MILLERTON LAKE</b>	<b><u>520,500</u></b>	<b><u>331,724</u></b>	<b><u>330,133</u></b>	<b><u>439,062</u></b>
<b>TOTAL STORAGE</b>	<b>1,131,900</b>	<b>608,358</b>	<b>610,877</b>	<b>778,700</b>
<b>INFLOW &amp; RELEASE DATA (C.F.S.)</b>				
<b>Millerton Releases:</b>				
Madera Canal		0	0	0
Friant-Kern Canal		417	348	0
San Joaquin River		101	100	4,600
Spillway		<u>0</u>	<u>0</u>	<u>0</u>
Total Millerton Releases		518	448	4,600
Actual Millerton Inflow		461	307	2,674
Computed Natural River (@Friant)		367	208	3,369
<b>SAN JOAQUIN RIVER (A.F.)</b>				
<b>This Month:</b>				
Actual to-date		1,761	16,306	35,392
Forecasted		47,000	20,000	47,000
<b>April/July Period:</b>				
Actual to-date		N.A.	N.A.	N.A.
Forecasted		N.A.	N.A.	N.A.
Last Year Actual				2,243,065
<b>Water Year:</b>				
Actual to-date		96,884	92,762	372,992
Forecasted		N.A.	N.A.	N.A.
Last Year Actual				3,347,486
<b>ESTIMATED WATER YET TO BE DELIVERED (A.F.)</b>				
Contract Year Ending February 28		278,077*	290,715*	130,194

\*Revised Figure is based on 100% Class I, 5% Class II, 24.7% Uncontrolled Class II, plus estimated carry over of 63,390 AF, minus District usage.

**FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA**

**PRECIPITATION DATA**

REPORTING STATIONS:	AVERAGE (INCHES)	THIS YEAR 01/06/12		LAST YEAR 01/06/11	
		ACCUMULATIVE TO DATE (INCHES/PERCENT AVG)			
<b>HUNTINGTON</b>					
This Month	7.49	0.00 /	0	2.88 /	38
Seasonal Average*	22.43	6.13 /	27	37.92 /	169
Annual Average	42.73	6.13 /	14	37.92 /	89
<b>CRANE VALLEY</b>					
This Month	7.91	0.00 /	0	2.30 /	29
Seasonal Average*	20.70	3.73 /	18	28.27 /	137
Annual Average	40.62	3.73 /	9	28.27 /	70
<b>FRIANT</b>					
This Month	2.66	0.00 /	0	1.68 /	63
Seasonal Average*	7.40	2.38 /	32	14.68 /	198
Annual Average	14.33	2.38 /	17	14.68 /	102

\* Seasonal Average (July - June) is through the current month

MISC RIVER/RESERVOIR	CAPACITY (A.F.)	STORAGE (A.F.)	RELEASE (C.F.S.)	INFLOW (C.F.S.)
Chowchilla/Buchanan	150,000	100,442	0	3
Fresno/Hidden	90,000	29,530	0	16
Kings/Pine Flat	1,000,000	558,343	269	455
Kaweah/Terminus	185,000	14,810	8	109
Tule/Success	82,314	13,692	15	55
Kern/Isabella	570,000	167,084	373	361

FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA

CVP/SWP SAN LUIS OPERATIONS

		THIS YEAR 01/06/12	LAST WEEK FLOWRATE (C.F.S.)	LAST YEAR 01/07/11 Average
PUMPING INSTANTANEOUS	MAX. FLOWRATE (C.F.S.)			
Tracy P.P.	4,600	1,957	3,996	4,075
Banks P.P.	10,000	4,082	2,605	6,312
MONTH TO DATE				
Tracy P.P.		11,630	210,611	32,295
Banks P.P.		23,605	290,565	52,108
SEASON TO DATE (Since October 1)				
Tracy P.P.		694,443	455,975	778,882
Banks P.P.		951,870	694,344	1,082,592
SAN LUIS RESERVOIR	CAPACITY (A.F.)		(A.F.)	
Federal	980,000	972,049	948,217	757,831
State	1,060,000	963,518	970,248	834,035
Total	2,040,000	1,935,567	1,918,465	1,591,866
SAN LUIS RESERVOIR		NET DAILY STORAGE CHANGE		
Federal		2,568	5,077	5,868
State		(318)	529	6,387

SACRAMENTO-SAN JOAQUIN DELTA FLOW INDICES

	FLOWRATE (C.F.S.)
Delta Outflow Index	5,818
Sacramento River @ Freeport	11,126
San Joaquin River @ Vernalis	1,774
Total Delta Inflow	13,547

FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA

SIERRA SNOW SENSOR DATA

01/06/12

REPORTING STATION	ELEVATION (FT.)	WATER CONTENT (IN.)	APRIL 1st AVERAGE (IN.)	PERCENT OF APRIL 1st AVERAGE
<b>San Joaquin River</b>				
Kaiser Pass	9,200	N.A.	37.8	N.A.
Green Mountain	7,900	1.7	30.8	6%
Tamarack	7,600	2.3	30.5	8%
Chilkoot Meadow	7,150	2.3	38.0	6%
Huntington Lake	7,000	2.8	20.1	14%
Graveyard Meadow	6,900	0.7	18.8	4%
Poison Ridge	6,900	1.9	28.9	7%
Mammoth Pass	9,300	2.3	42.4	5%
San Joaquin River Average		1.8	30.9	6%
San Joaquin River Areal * Weighted Average		1.9	30.7	6%
<b>Kings River</b>				
Charlotte Lake	10,400	4.5	27.5	16%
State Lakes	10,400	5.1	29.0	18%
Mitchell Meadow	9,900	4.4	32.9	13%
Upper Burnt Corral	9,700	2.8	34.6	8%
W. Woodchuck Mdw.	9,100	0.2	32.8	1%
Big Meadows	7,600	1.8	25.9	7%
Kings River Average		3.1	30.5	10%
<b>Kaweah River</b>				
Farewell Gap	9,500	N.A.	34.5	N.A.
Giant Forest	6,650	0.0	10.0	0%
Kaweah River Average		0.0	22.3	0%
<b>Tule River</b>				
Quaking Aspen	7,200	4.2	21.0	20%
<b>Kern River</b>				
Upper Tyndall Crk	11,450	1.3	27.7	5%
Crabtree	10,700	N.A.	19.8	N.A.
Chagoopa Plateau	10,300	1.7	21.8	8%
Pascoes	9,150	3.8	24.9	15%
Tunnel	8,950	0.0	15.6	0%
Wet Meadow	8,950	4.7	30.3	16%
Beach Meadow	7,650	0.0	11.0	0%
Kern River Average		1.9	21.6	7%

\* Reporting stations weighted using Thiessen Polygon Method to account for representative watershed area.

\*\* April 1st averages are based on measurements made during years 1951-2000 implemented Feb 2002.

**FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA**

**CIMIS EVAPOTRANSPIRATION RATES**

REPORTING STATION #	REPORTING STATION	YESTERDAY 1/5/2012 (Inches)	TOTAL PAST 7 DAYS (Inches)	NORMAL PAST 7 DAYS (Inches)	VARIANCE FROM NORMAL (%)	NORMAL NEXT 7 DAYS* (Inches)
5	Shafter/USDA	0.06	0.40	0.21	90	0.23
15	Stratford	0.05	0.36	0.14	157	0.14
39	Parlier	0.05	0.34	0.14	143	0.17
80	Fresno State	0.04	0.33	0.14	136	0.14
86	Lindcove	0.05	0.35	0.14	150	0.15
125	Arvin-Edison	0.06	0.44	0.21	110	0.21
138	Famoso	0.06	0.42	0.30	40	0.35
142	Orange Cove	0.06	0.41	0.14	193	0.14
145	Madera	0.02	0.25	0.28	-11	0.28
148	Merced	0.03	0.26	0.21	24	0.21
169	Porterville	0.05	0.37	0.21	76	0.21
182	Delano	0.04	0.30	0.30	0	0.35

FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA

CROP COEFFICIENTS

6-Jan-12

Crop (Description)	Today	Avg. Prev. 7 Days	Avg. Next 7 Days
Alfalfa (average)	0.95	0.95	0.95
Almonds (Feb. 20 leafout, Nov. 15 leafdrop)	0.00	0.00	0.00
Almonds (Mar. 1 leafout, Nov. 15 leafdrop)	0.00	0.00	0.00
Beans (Apr. 1 plant date, Aug. 1 harvest)	0.00	0.00	0.00
Beans (May 1 plant date, Aug. 15 harvest)	0.00	0.00	0.00
Beans (Jun. 1 plant date, Sep. 15 harvest)	0.00	0.00	0.00
Citrus (year round)	0.65	0.65	0.65
Corn (Apr. 15 plant date, Sep. 15 harvest)	0.00	0.00	0.00
Cotton (Apr. 1 plant date, Sep. 20 defoliate)	0.00	0.00	0.00
Cotton (Apr. 15 plant date, Oct. 1 defoliate)	0.00	0.00	0.00
Cotton (May 1 plant date, Oct. 1 defoliate)	0.00	0.00	0.00
Wheat, Oats, Barley (Dec. 1 plant date, Jun. 1 harvest)	0.40	0.40	0.40
Grapes, Raisin (Mar. 15 leafout, Oct. 15 leafdrop)	0.00	0.00	0.00
Grapes, Table (Mar. 15 leafout, Oct. 15 leafdrop)	0.00	0.00	0.00
Kiwi (Mar. 15 leafout, Nov. 1 leafdrop)	0.00	0.00	0.00
Melons (Apr. 1 plant date, Jul. 15 harvest)	0.00	0.00	0.00
Melons (May 1 plant date, Aug. 15 harvest)	0.00	0.00	0.00
Melons (Jun. 1 plant date, Sep. 20 harvest)	0.00	0.00	0.00
Melons (Jul. 1 plant date, Oct. 10 harvest)	0.00	0.00	0.00
Olives (year round)	0.75	0.75	0.75
Pasture Grass	0.53	0.53	0.53
Pistachio (Apr. 1 leafout, Nov. 15 leafdrop)	0.00	0.00	0.00
Safflower (Mar. 1 plant date, Aug. 1 harvest)	0.00	0.00	0.00
Low Chilling Stone Fruit (Feb. 15 leafout, Dec. 1 leafdrop)	0.00	0.00	0.00
Stone Fruit (Mar.1 leafout, Nov. 15 leafdrop)			
[Peach, Nectarine, Plum, Apricot]	0.00	0.00	0.00
Late Stone Fruit (Mar. 16 leafout, Nov. 1 leafdrop)	0.00	0.00	0.00
Soft Fruit (Apr. 1 leafout, Nov. 15 leafdrop)			
[Apple, Pear]	0.00	0.00	0.00
Tomato (Mar. 1 plant date, Jul. 20 harvest)	0.00	0.00	0.00
Tomato (Apr. 1 plant date, July 30 harvest)	0.00	0.00	0.00
Walnut, Early (Mar. 15 leafout, Nov. 1 leafdrop)	0.00	0.00	0.00
Walnut, Late (Apr. 1 leafout, Nov. 1 leafdrop)	0.00	0.00	0.00

*NOTE: This information is a reproduction of information compiled by Kings River Conservation District.  
This information is provided as a general guideline and may not exactly be reflective of all  
locations or varieties.*

FRIANT WATER AUTHORITY  
SAN JOAQUIN SNOW COURSE MEASUREMENTS

STATION NUMBER	REPORTING STATION	ELEVATION (FT.)	DATE MEASURED	DEPTH RECORDED (IN.)	WATER CONTENT (IN.)	DENSITY	APRIL 1 <sup>st</sup> AVERAGE (IN.)	APRIL 1 <sup>st</sup> AVERAGE (%)
196	Chilkoot Lake	7,450	2-Jun	68.8	36.6	53%	36.8	99%
197	Chilkoot Meadow	7,150	2-Jun	89.6	46.8	52%	36.6	128%
Basin Average Percent of April 1st:								<b>114%</b>
							June 1st	<b>355%</b>