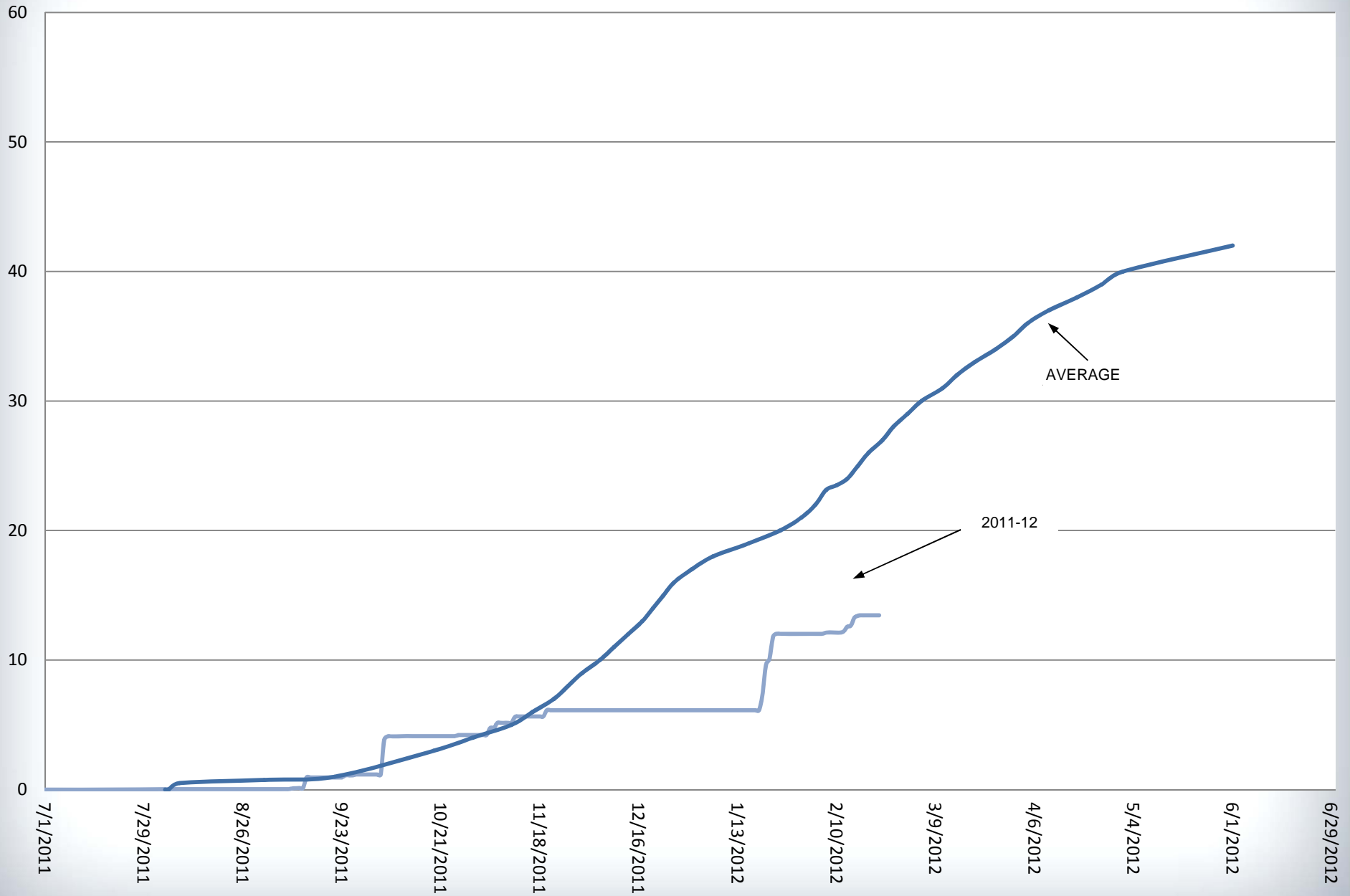


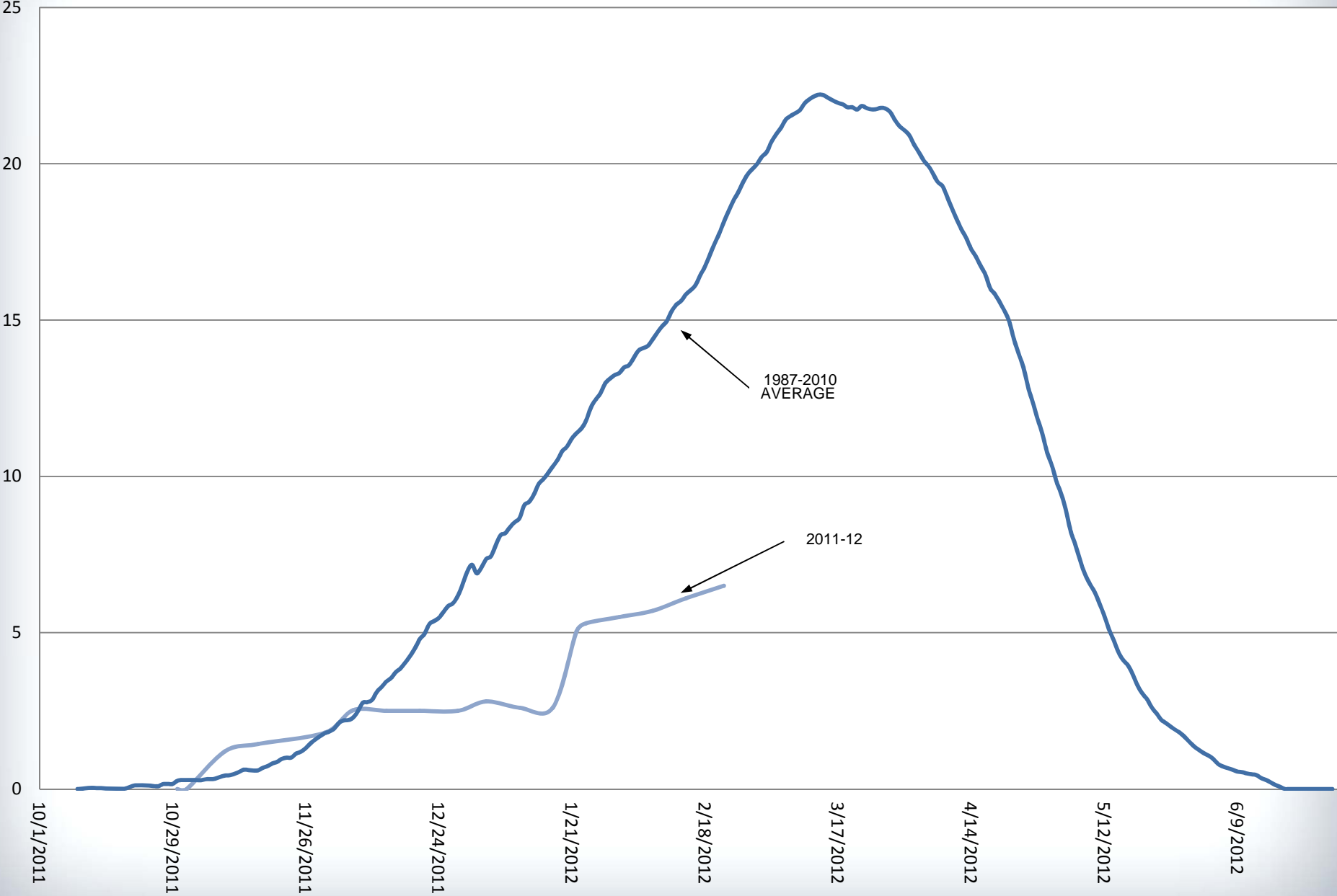
# HUNTINGTON PRECIPITATION

## Water Accumulation in Inches



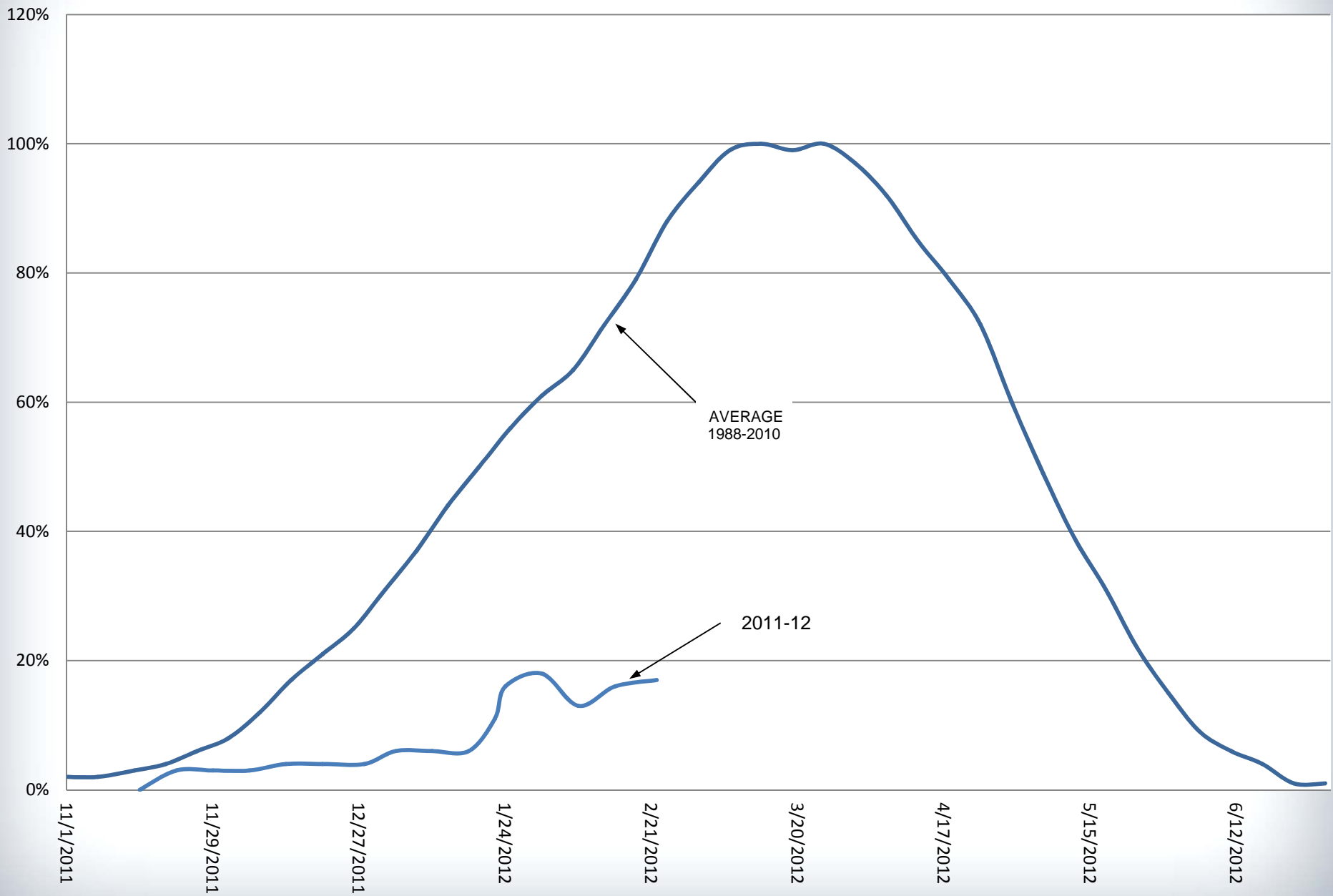
# HUNTINGTON SNOW DATA

## 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 02/22/12	LAST WEEK	LAST YEAR 02/23/11
<b>RESERVOIR STORAGE (A.F.)</b>	<b>CAPACITY</b>	<b>STORAGE</b>		
<b>Southern California Edison:</b>				
Vermillion (Edison)	125,000	71,415	76,982	58,741
Florence	64,400	17,982	20,795	25,773
Huntington	89,000	82,375	79,117	64,308
Shaver	<u>135,300</u>	<u>10,280</u>	<u>4,563</u>	<u>66,234</u>
Sub-total (Big Creek)	413,700	182,052	181,457	215,056
Mammoth Pool	122,000	57,601	57,966	80,591
Redinger	<u>26,100</u>	<u>24,275</u>	<u>24,436</u>	<u>24,108</u>
Sub-total Southern California Edison	<u>561,800</u>	<u>263,928</u>	<u>263,859</u>	<u>319,755</u>
<b>Pacific Gas &amp; Electric:</b>				
Crane Valley (Bass Lake)	45,400	17,640	17,251	19,561
Kerckhoff	<u>4,200</u>	<u>3,514</u>	<u>3,504</u>	<u>3,718</u>
Sub-total P G & E	<u>49,600</u>	<u>21,154</u>	<u>20,755</u>	<u>23,279</u>
<b>TOTAL UPSTREAM STORAGE</b>	<b>611,400</b>	<b>285,082</b>	<b>284,614</b>	<b>343,034</b>
<b>MILLERTON LAKE</b>	<b><u>520,500</u></b>	<b><u>299,789</u></b>	<b><u>307,072</u></b>	<b><u>410,594</u></b>
<b>TOTAL STORAGE</b>	<b>1,131,900</b>	<b>584,871</b>	<b>591,686</b>	<b>753,628</b>
<b>INFLOW &amp; RELEASE DATA (C.F.S.)</b>				
<b>Millerton Releases:</b>				
Madera Canal		0	0	0
Friant-Kern Canal		843	771	2,112
San Joaquin River		408	393	200
Spillway		<u>0</u>	<u>0</u>	<u>0</u>
Total Millerton Releases		1,251	1,164	2,312
Actual Millerton Inflow		468	1,066	1,609
Computed Natural River (@Friant)		538	847	2,090
<b>SAN JOAQUIN RIVER (A.F.)</b>				
<b>This Month:</b>				
Actual to-date		24,901	16,298	86,877
Forecasted		50,000	50,000	98,000
<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		159,289	150,686	577,266
Forecasted		N.A.	N.A.	N.A.
Last Year Actual				3,347,486
<b>ESTIMATED WATER YET TO BE DELIVERED (A.F.)</b>				
<b>Contract Year Ending February 28</b>		<b>230,342*</b>	<b>241,095*</b>	<b>62,502</b>

\*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:		THIS YEAR 02/22/12		LAST YEAR 02/22/11	
	AVERAGE (INCHES)	ACCUMULATIVE TO DATE (INCHES/PERCENT AVG)			
<b>HUNTINGTON</b>					
This Month	7.17	1.43	/	20	4.64 / 65
Seasonal Average*	29.60	13.46	/	45	39.93 / 135
Annual Average	42.73	13.46	/	32	39.93 / 93
<b>CRANE VALLEY</b>					
This Month	7.28	1.30	/	18	5.03 / 69
Seasonal Average*	27.98	11.98	/	43	34.18 / 122
Annual Average	40.62	11.98	/	29	34.18 / 84
<b>FRIANT</b>					
This Month	2.58	0.72	/	28	1.62 / 63
Seasonal Average*	9.98	4.96	/	50	16.88 / 169
Annual Average	14.33	4.96	/	35	16.88 / 118

\* 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	103,085	0	20
Fresno/Hidden	90,000	34,047	0	46
Kings/Pine Flat	1,000,000	596,080	617	673
Kaweah/Terminus	185,000	36,680	5	208
Tule/Success	82,314	24,129	13	107
Kern/Isabella	570,000	168,567	568	433

FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA

CVP/SWP SAN LUIS OPERATIONS

		THIS YEAR 02/22/12	LAST WEEK	LAST YEAR 02/23/11 Average
PUMPING	MAX. FLOWRATE (C.F.S.)		FLOWRATE (C.F.S.)	
INSTANTANEOUS				
Tracy P.P.	4,600	1,905	1,969	2,824
Banks P.P.	10,000	1,101	2,202	5,985
MONTH TO DATE				
Tracy P.P.		89,865	59,322	129,255
Banks P.P.		81,692	58,245	266,823
SEASON TO DATE (Since October 1)				
Tracy P.P.		912,882	882,339	1,119,028
Banks P.P.		1,237,702	1,214,255	1,712,384
SAN LUIS RESERVOIR	CAPACITY (A.F.)		(A.F.)	
Federal	980,000	821,801	851,654	973,830
State	1,060,000	996,631	990,813	1,017,525
Total	2,040,000	1,818,432	1,842,467	1,991,355
SAN LUIS RESERVOIR		NET DAILY STORAGE CHANGE		
Federal		(4,366)	(6,637)	(153)
State		(3,960)	365	3,309

SACRAMENTO-SAN JOAQUIN DELTA FLOW INDICES

	FLOWRATE (C.F.S.)
Delta Outflow Index	10,390
Sacramento River @ Freeport	12,453
San Joaquin River @ Vernalis	1,611
Total Delta Inflow	14,458

FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA

SIERRA SNOW SENSOR DATA

02/22/12

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	11.7	37.8	31%
Green Mountain	7,900	6.1	30.8	20%
Tamarack	7,600	5.3	30.5	17%
Chilkoot Meadow	7,150	8.9	38.0	23%
Huntington Lake	7,000	6.5	20.1	32%
Graveyard Meadow	6,900	5.0	18.8	27%
Poison Ridge	6,900	2.3	28.9	8%
Mammoth Pass	9,300	6.5	42.4	15%
San Joaquin River Average		6.5	30.9	22%
San Joaquin River Areal *				
Weighted Average		5.2	30.7	17%
<b>Kings River</b>				
Charlotte Lake	10,400	N.A.	27.5	N.A.
State Lakes	10,400	5.5	29.0	19%
Mitchell Meadow	9,900	11.5	32.9	35%
Upper Burnt Corral	9,700	9.5	34.6	27%
W. Woodchuck Mdw.	9,100	8.5	32.8	26%
Big Meadows	7,600	N.A.	25.9	N.A.
Kings River Average		5.8	30.5	27%
<b>Kaweah River</b>				
Farewell Gap	9,500	N.A.	34.5	N.A.
Giant Forest	6,650	3.0	10.0	30%
Kaweah River Average		1.5	22.3	30%
<b>Tule River</b>				
Quaking Aspen	7,200	7.2	21.0	34%
<b>Kern River</b>				
Upper Tyndall Crk	11,450	9.4	27.7	34%
Crabtree	10,700	N.A.	19.8	N.A.
Chagoopa Plateau	10,300	4.8	21.8	22%
Pascoes	9,150	7.2	24.9	29%
Tunnel	8,950	2.5	15.6	16%
Wet Meadow	8,950	6.4	30.3	21%
Beach Meadow	7,650	0.5	11.0	5%
Kern River Average		5.1	21.6	21%

\* 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 2/21/2012 (Inches)	TOTAL PAST 7 DAYS (Inches)	NORMAL PAST 7 DAYS (Inches)	VARIANCE FROM NORMAL (%)	NORMAL NEXT 7 DAYS* (Inches)
5	Shafter/USDA	0.09	0.68	0.56	21	0.64
15	Stratford	0.09	0.73	0.53	38	0.61
39	Parlier	0.08	0.55	0.51	8	0.59
80	Fresno State	0.08	0.61	0.44	39	0.51
86	Lindcove	0.07	0.47	0.42	12	0.49
125	Arvin-Edison	0.08	0.67	0.59	14	0.65
138	Famoso	0.09	0.66	0.58	14	0.65
142	Orange Cove	0.08	0.52	0.48	8	0.55
145	Madera	0.08	0.63	0.65	-3	0.73
148	Merced	0.08	0.61	0.53	15	0.59
169	Porterville	0.08	0.54	0.51	6	0.59
182	Delano Inactive	0.06	0.59	0.58	2	0.65

FRIANT WATER AUTHORITY  
SAN JOAQUIN RIVER AND ASSOCIATED WATER DATA

CROP COEFFICIENTS

22-Feb-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 (%)
182	Mono Pass	11,450	25-Jan	33.2	7.2	22%	30.8	23%
183	Piute Pass	11,300	27-Jan	37.1	10.0	27%	37.9	26%
276	Pioneer Basin	10,400	25-Jan	42.6	8.9	21%	34.0	26%
185	Heart Lake	10,100	25-Jan	34.7	7.6	22%	27.9	27%
187	Rose Marie	10,000	25-Jan	31.9	7.9	25%	29.7	27%
189	Agnew Pass	9,450	1-Feb	25.6	6.6	26%	31.8	21%
190	Kaiser Pass	9,100	24-Jan	45.6	10.7	23%	39.0	27%
191	Dutch Lake	9,100	25-Jan	33.1	6.9	21%	28.1	25%
346	Badger Flat	8,300	25-Jan	33.7	8.7	26%	30.8	28%
194	Nellie Lake	8,000	24-Jan	33.7	8.4	25%	35.8	23%
324	Lake Thomas A Edison	7,800	25-Jan	20.9	4.0	19%	14.7	27%
196	Chilkoot Lake	7,450	30-Jan	16.6	6.2	37%	36.8	17%
347	Tamarack Creek	7,250	25-Jan	19.6	5.2	27%	23.8	22%
198	Florence Lake	7,200	25-Jan	10.3	1.8	17%	7.6	24%
197	Chilkoot Meadow	7,150	30-Jan	23.1	7.8	34%	36.6	21%
199	Huntington Lake	7,000	24-Jan	20.8	4.3	21%	18.6	23%
204	Poison Meadow	6,800	30-Jan	13.7	5.1	37%	24.8	21%
Basin Average Percent of April 1st:								<b>24%</b>
February 1st								<b>38%</b>