

SURFACE WATER SUPPLY

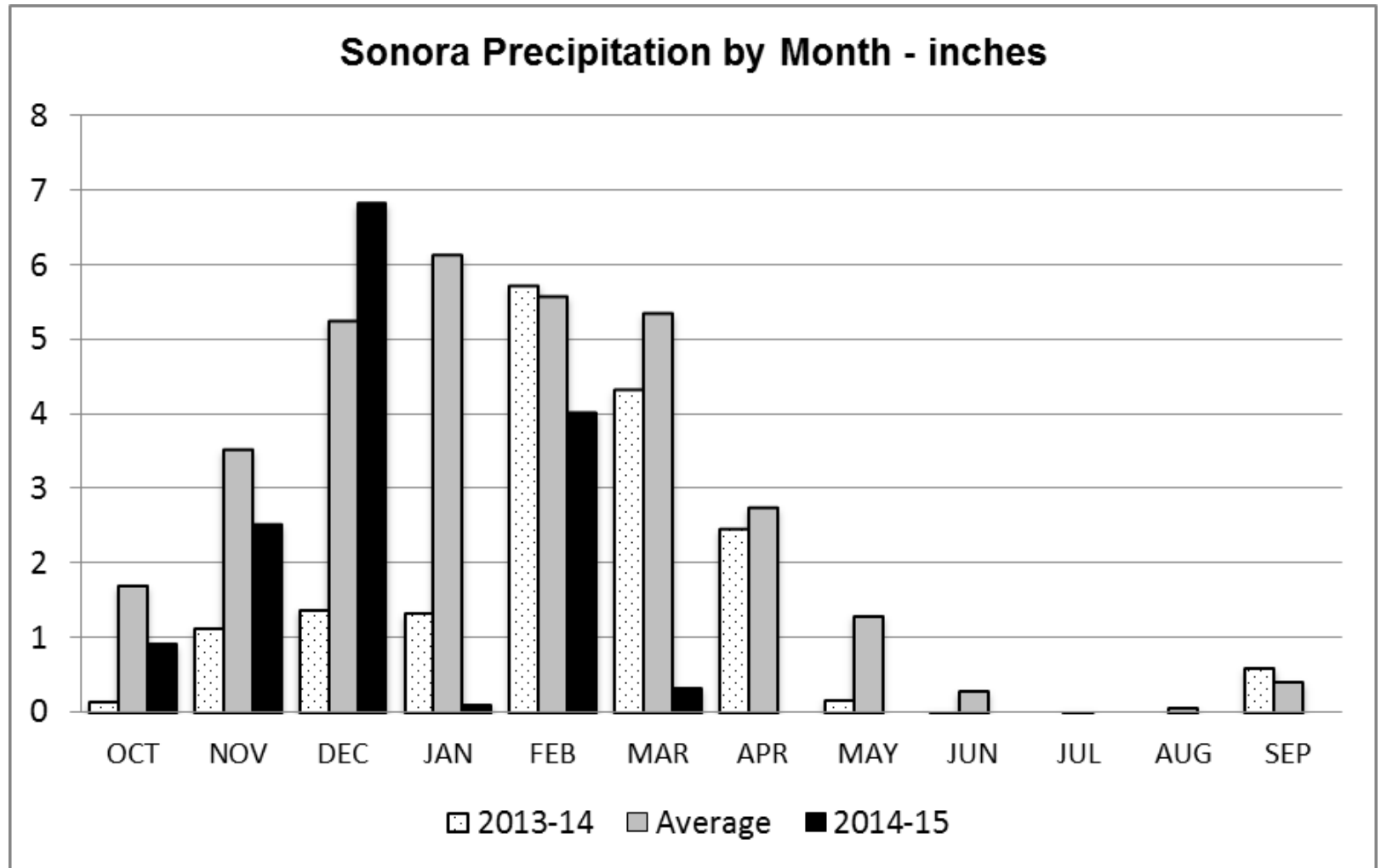
March 25, 2015

Operational Overview

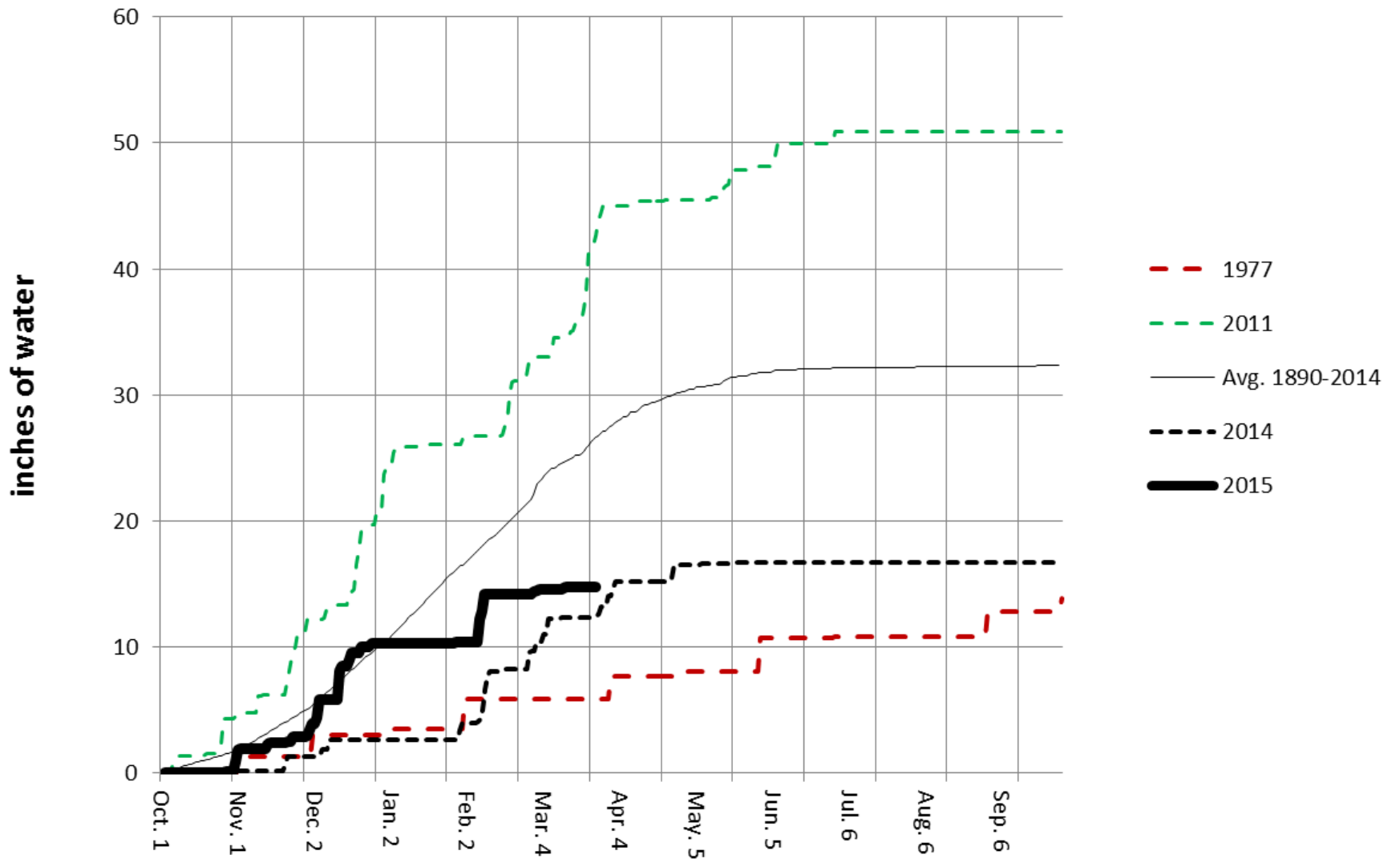
T.U.D.



As of March 25, 2015



Accumulated Sonora Precipitation, Mar 25, 2015



TUD Water Supply Summary WY 2015

March 25, 2015

Reservoir Storage	Station	Units	Status	2015	2014	Avg	Max	Min
Pinecrest Storage	S5	acre-feet	LOW	11,500	5,977	8,039	16,673	665
Pinecrest Elevation	S5	feet	LOW	5592.0	5567.0	5577.0	5611.8	5518.0
Lyons Storage	S16	acre-feet	LOW	4,060	4,059	3,644	4,720	978

Flows	Station	Units	Status	2015(6)	2014(6)	Avg	Max	Min
Lyons inflow	S83	CFS	LOW	30.0	24.0	41	149	4 (2)
Lyons outflow	S51	CFS	LOW	6.2	1.0	72	321	3 (2)
Tuolumne Main Canal	S17	CFS	53%	14.0	9.0	27	37	8 (2)
Philadelphia Diversion (4)	S9	CFS	0%	0.0	0.0	46	55	0 (2)

Precipitation		Status	2015	2014	Avg	Max	Min	
Sonora, Accumulated Precip.	SOR	inches	57%	15.0	12.0	26	45	12 (5)
Watershed Snow WC	REL	inches	0%	0.0	14.0	37	77	12 (3)

Monthly TUD Water Use		Status	2015	2014	Avg.	Max	Min	
Treated Water Prod.+ Wells	FEB	acre-feet	-13%	237.0	219.0	273	303	257 (1)
R_GPCD (Treated Water)	FEB	GPCD	-13%	77.1	71.2	88	98	83 (1)
Total Raw Water Diversion	JAN	acre-feet	-25%	555.0	509.0	735	949	509 (2)

(1) average 2006-2013

(2) average 2000-2013

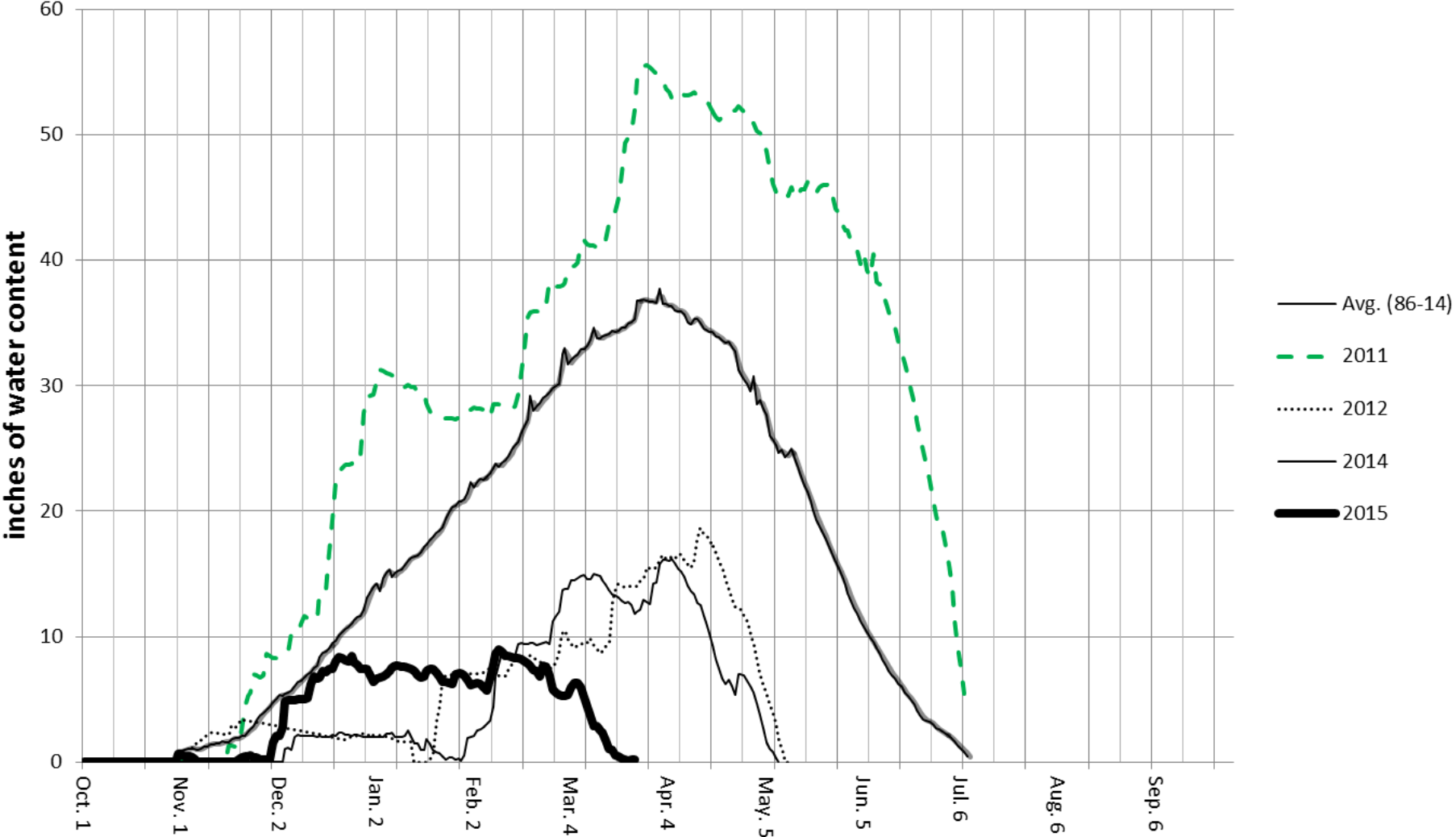
(3) average 1986-2013

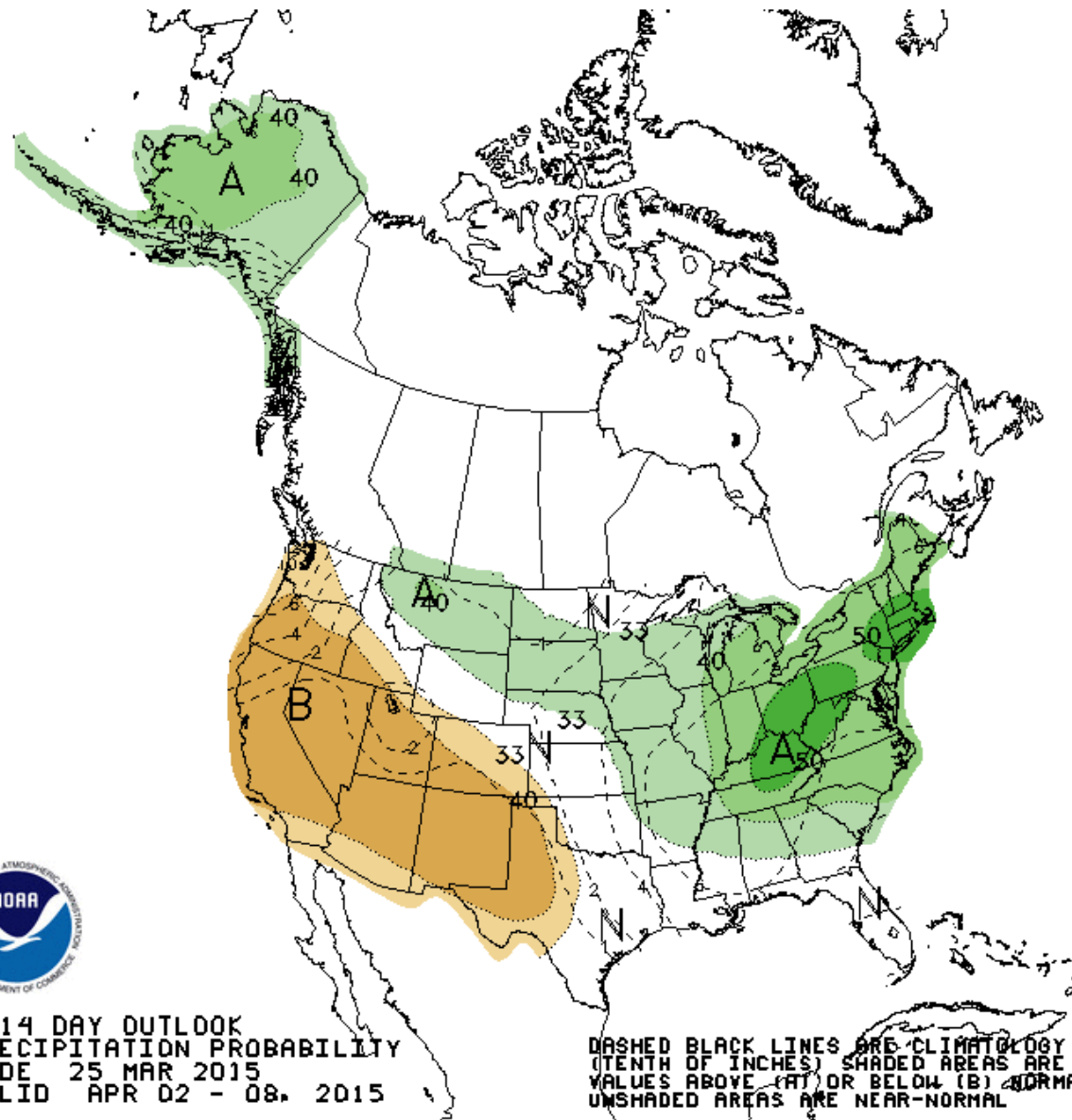
(4) out of basin flows to Middle Fork

(5) WY average 1890-2014

(6) five day average

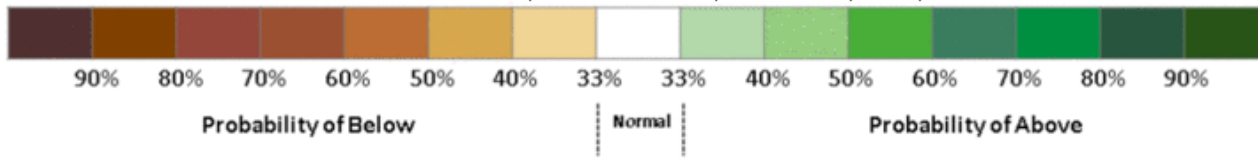
Lwr. Relief Valley Water Content of Snow, Inches - Mar 25, 2015

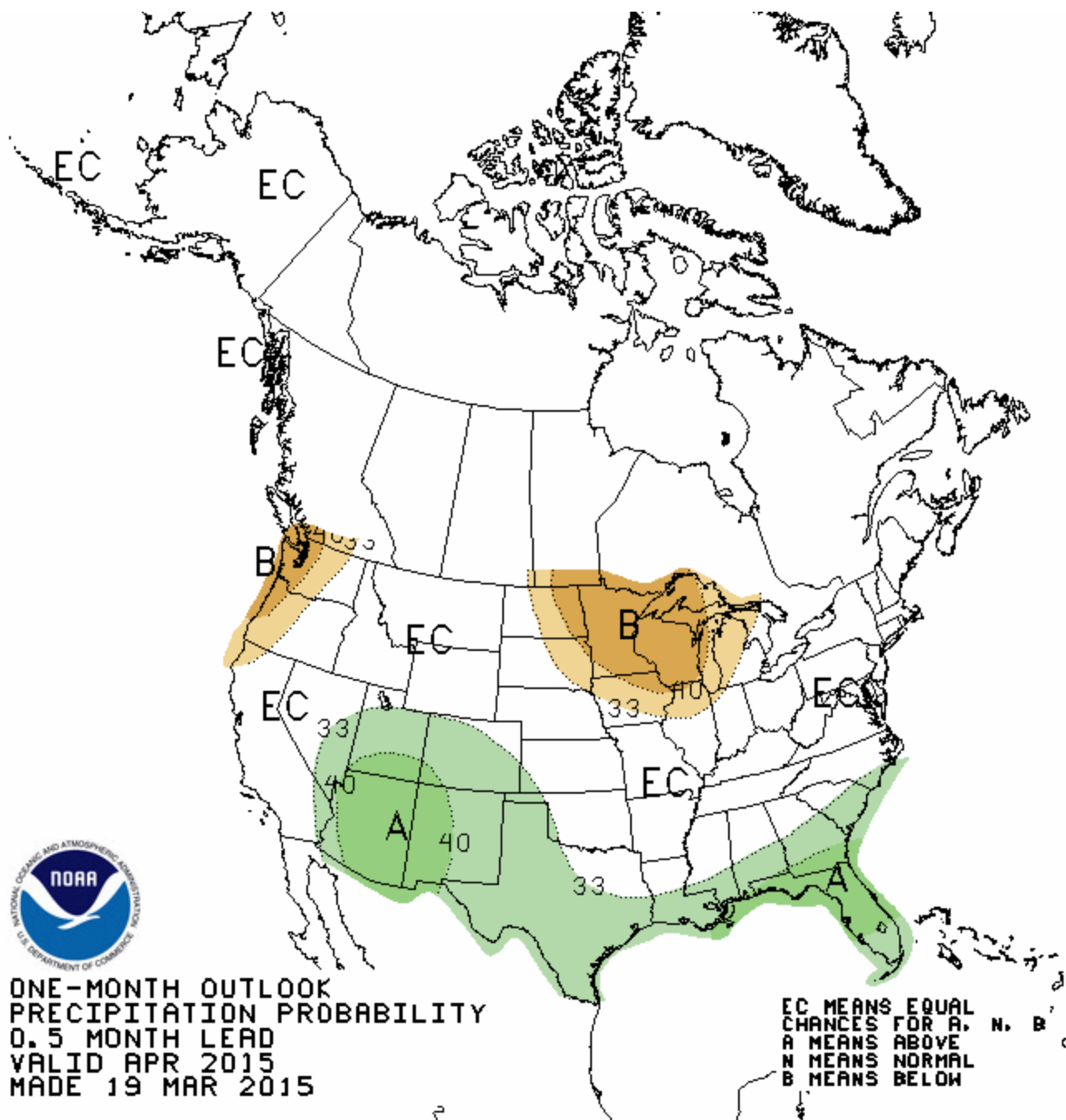


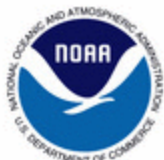
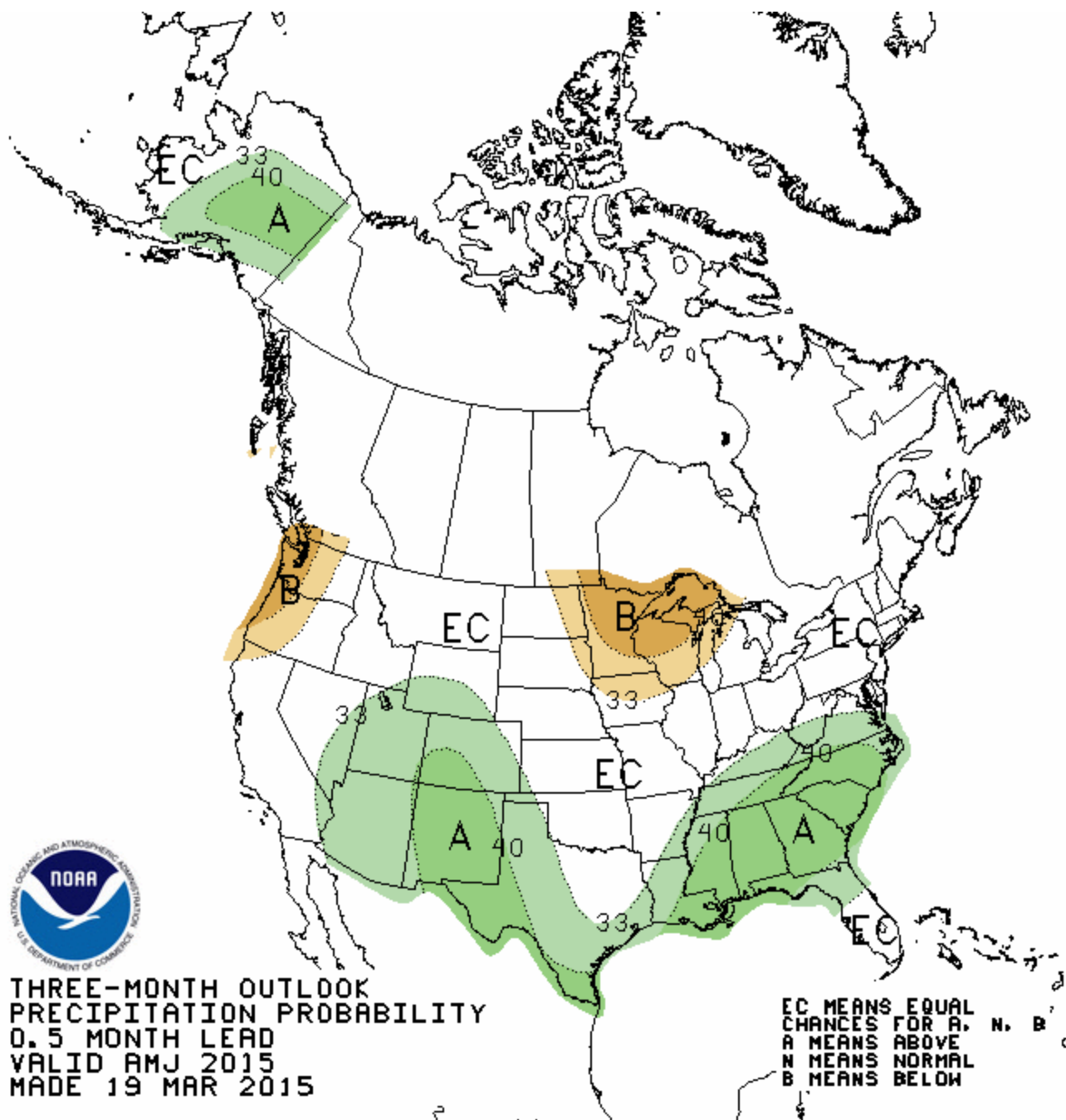


8-14 DAY OUTLOOK
 PRECIPITATION PROBABILITY
 MADE 25 MAR 2015
 VALID APR 02 - 08, 2015

DASHED BLACK LINES ARE CLIMATOLOGY C
 (TENTH OF INCHES) SHADED AREAS ARE FCST
 VALUES ABOVE (A) OR BELOW (B) NORMAL
 UNSHADED AREAS ARE NEAR-NORMAL





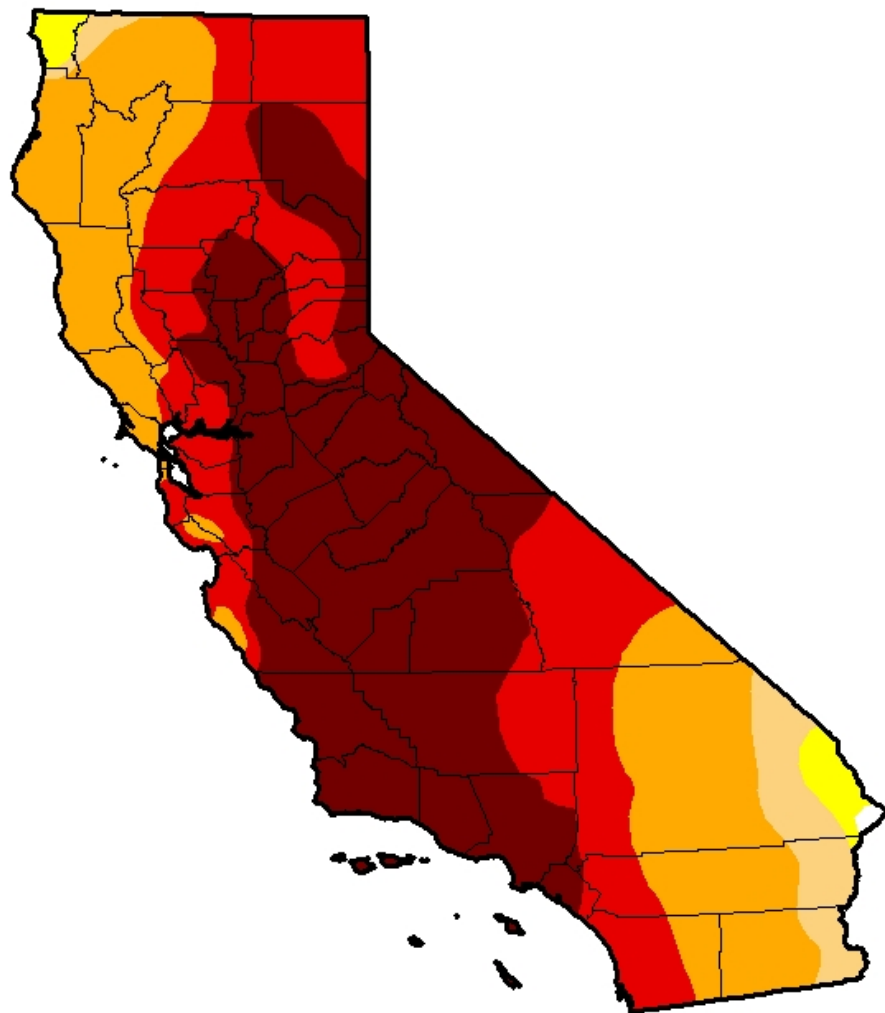


THREE-MONTH OUTLOOK
 PRECIPITATION PROBABILITY
 0.5 MONTH LEAD
 VALID AMJ 2015
 MADE 19 MAR 2015

EC MEANS EQUAL
 CHANCES FOR A, N, B
 A MEANS ABOVE
 N MEANS NORMAL
 B MEANS BELOW

U.S. Drought Monitor California

March 17, 2015
(Released Thursday, Mar. 19, 2015)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.16	99.84	98.11	93.44	67.46	39.92
Last Week <i>3/10/2015</i>	0.16	99.84	98.11	93.44	67.46	39.92
3 Months Ago <i>12/16/2014</i>	0.00	100.00	98.41	94.42	77.94	32.21
Start of Calendar Year <i>12/30/2014</i>	0.00	100.00	98.12	94.34	77.94	32.21
Start of Water Year <i>9/30/2014</i>	0.00	100.00	100.00	95.04	81.92	58.41
One Year Ago <i>3/18/2014</i>	0.01	99.99	99.80	93.08	71.78	22.37

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:
Chris Fenimore
NCDC/NESDIS/NOAA



<http://droughtmonitor.unl.edu/>

Next Steps

- Actions already taken
- Variance request to lower the river flows out of Lyons
- Notify our partners
- Internal planning regarding the drought
- Drought forums scheduled in April
- Meeting with PG&E – April 8th
- Public outreach regarding water conservation and restrictions