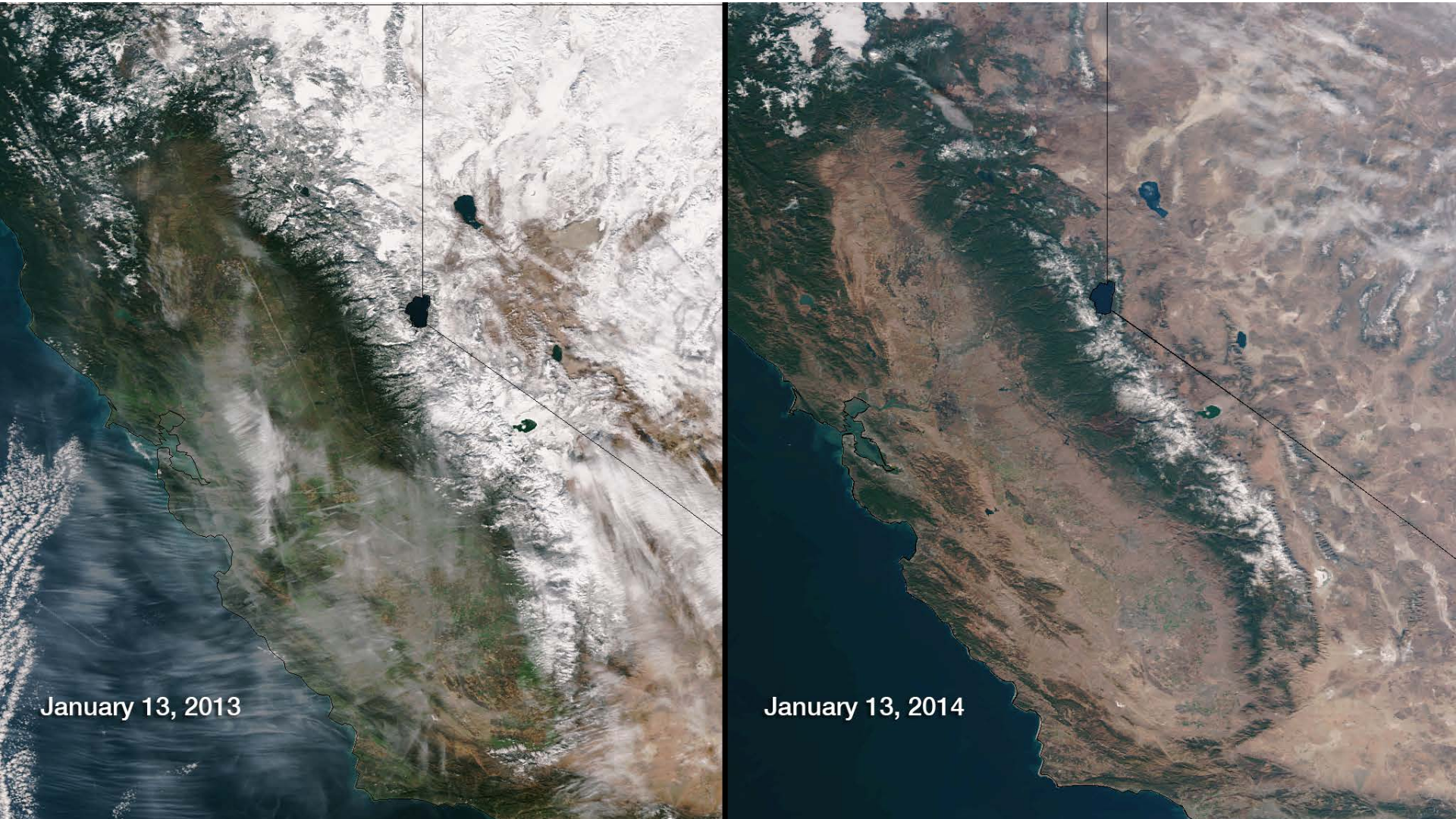


“CA Drought of 2011-14: Brief History and Current Impacts”

Brad Rippey, USDA Meteorologist, Washington, D.C.



January 13, 2013

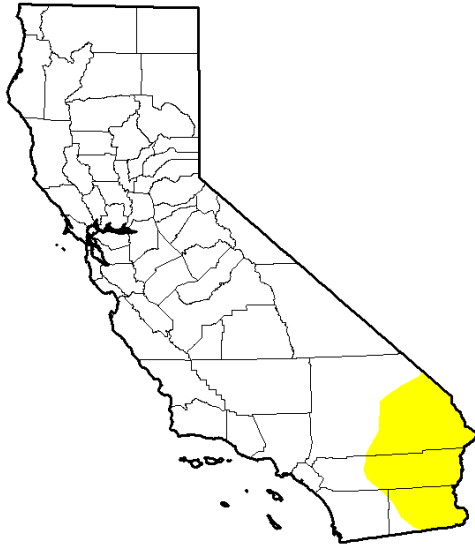
January 13, 2014



Ranching and California's Drought
UC Davis
Nov. 7, 2014

A Comparison to 3 Years Ago

U.S. Drought Monitor California



October 25, 2011

(Released Thursday, Oct. 27, 2011)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	89.25	10.75	0.00	0.00	0.00	0.00
Last Week 10/19/2011	89.25	10.75	0.00	0.00	0.00	0.00
3 Months Ago 7/26/2011	85.34	14.66	0.00	0.00	0.00	0.00
Start of Calendar Year 1/4/2011	98.62	1.38	0.00	0.00	0.00	0.00
Start of Water Year 9/27/2011	89.14	10.86	0.00	0.00	0.00	0.00
One Year Ago 10/26/2010	90.14	9.86	4.62	0.19	0.00	0.00

Intensity:



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

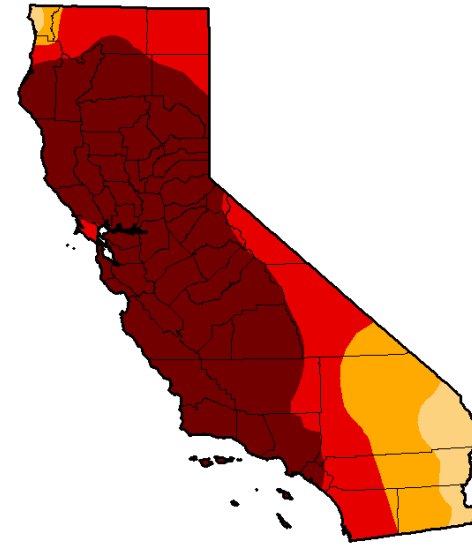
Author:
David Miskus
NOAA/NWS/NCEP/PCP



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

No Drought; 11% Abnormally Dry

U.S. Drought Monitor California



October 28, 2014

(Released Thursday, Oct. 30, 2014)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	95.04	81.92	58.41
Last Week 10/21/2014	0.00	100.00	100.00	95.04	81.92	58.41
3 Months Ago 7/29/2014	0.00	100.00	100.00	100.00	81.89	58.41
Start of Calendar Year 1/23/2014	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year 8/20/2014	0.00	100.00	100.00	95.04	81.92	58.41
One Year Ago 10/28/2013	2.66	97.34	95.98	94.12	11.36	0.00

Intensity:



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

Author:
Brian Fuchs
National Drought Mitigation Center

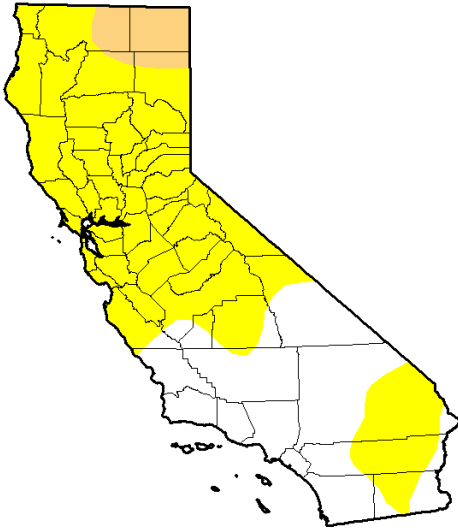


<http://droughtmonitor.unl.edu/>

All in Drought; 82% in D3 to D4

U.S. Drought Monitor California

December 27, 2011
(Released Thursday, Dec. 29, 2011)
Valid 7 a.m. EST



	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	33.91	66.09	5.41	0.00	0.00	0.00
Last Week 12/20/2011	71.58	28.42	0.00	0.00	0.00	0.00
3 Months Ago 9/27/2011	89.14	10.86	0.00	0.00	0.00	0.00
Start of Calendar Year 1/4/2011	98.62	1.38	0.00	0.00	0.00	0.00
Start of Water Year 9/27/2010	89.14	10.86	0.00	0.00	0.00	0.00
One Year Ago 12/28/2010	98.62	1.38	0.00	0.00	0.00	0.00

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.

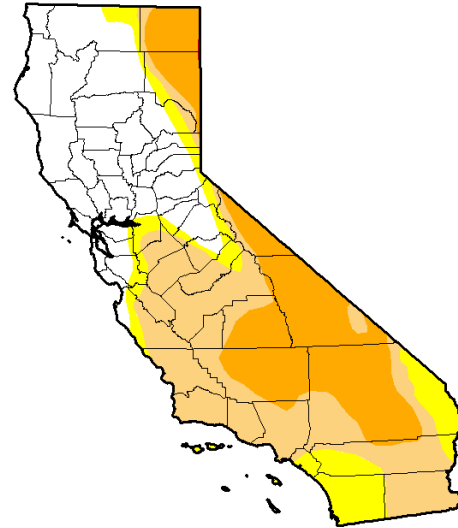
Author:
Brad Rippey
U.S. Department of Agriculture



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

U.S. Drought Monitor California

December 25, 2012
(Released Thursday, Dec. 27, 2012)
Valid 7 a.m. EST



	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	30.94	69.06	56.19	25.22	0.05	0.00
Last Week 12/18/2012	30.94	69.06	56.19	26.15	0.05	0.00
3 Months Ago 9/25/2012	11.95	88.05	69.41	22.27	1.14	0.00
Start of Calendar Year 1/2/2012	29.91	70.09	46.34	0.00	0.00	0.00
Start of Water Year 9/25/2011	11.95	88.05	69.41	22.27	1.14	0.00
One Year Ago 12/27/2011	33.91	66.09	5.41	0.00	0.00	0.00

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.

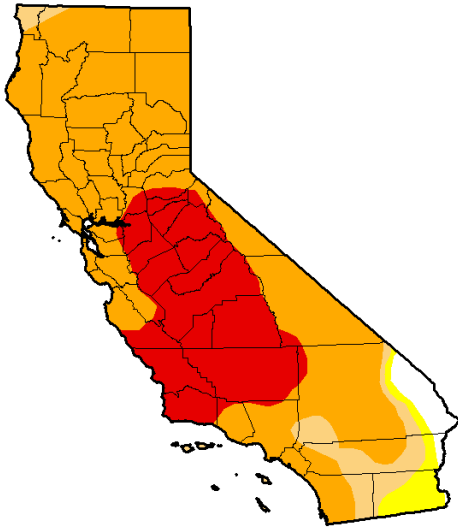
Author:
Richard Heim
NCDC/NOAA



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

U.S. Drought Monitor California

December 31, 2013
(Released Thursday, Jan. 2, 2014)
Valid 7 a.m. EST



	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2.61	97.39	94.25	87.53	27.59	0.00
Last Week 12/24/2013	2.61	97.39	94.25	84.89	27.59	0.00
3 Months Ago 10/2/2013	2.63	97.37	95.95	84.12	11.36	0.00
Start of Calendar Year 1/1/2013	31.75	68.25	55.32	22.50	0.00	0.00
Start of Water Year 10/1/2012	2.63	97.37	95.95	84.12	11.36	0.00
One Year Ago 12/31/2012	31.75	68.25	55.32	22.50	0.00	0.00

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.

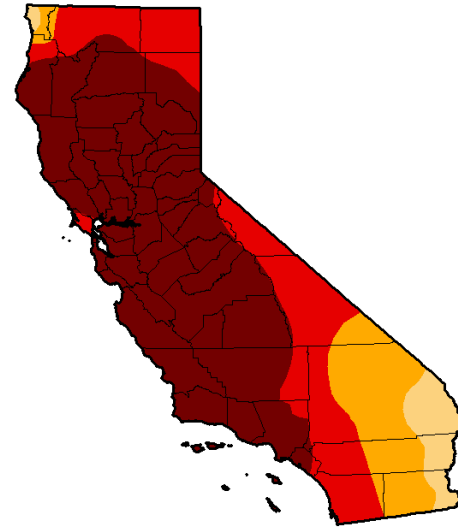
Author:
Matthew Rosencrans
CPC/NCEP/NWS/NOAA



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

U.S. Drought Monitor California

October 28, 2014
(Released Thursday, Oct. 30, 2014)
Valid 8 a.m. EDT



	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	95.04	81.92	58.41
Last Week 10/21/2014	0.00	100.00	100.00	95.04	81.92	58.41
3 Months Ago 7/29/2014	0.00	100.00	100.00	100.00	81.89	58.41
Start of Calendar Year 1/1/2013	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year 9/29/2013	0.00	100.00	100.00	95.04	81.92	58.41
One Year Ago 10/28/2013	2.66	97.34	95.99	84.12	11.36	0.00

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:
Brian Fuchs
National Drought Mitigation Center



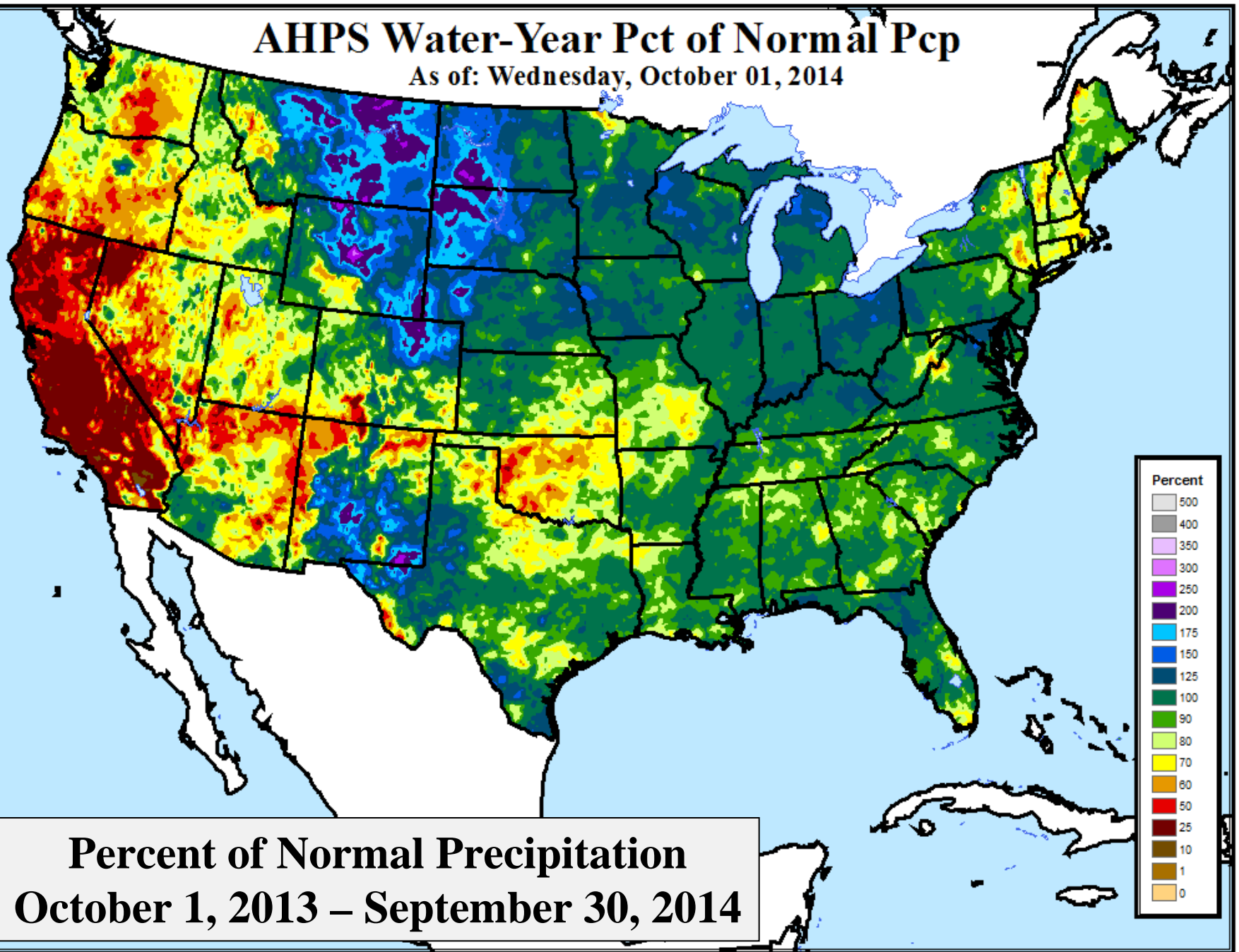
<http://droughtmonitor.unl.edu/>

Percentiles and the U.S. Drought Monitor

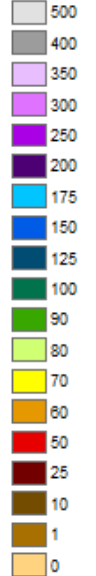
- Advantages of percentiles:
 - Can be applied to any parameter
 - Can be used for any length of data record
 - Puts drought in historical perspective
- D4, Exceptional Drought:  once per 50 to 100 years
- D3, Extreme Drought:  once per 20 to 50 years
- D2, Severe Drought:  once per 10 to 20 years
- D1, Moderate Drought:  once per 5 to 10 years
- D0, Abnormally Dry:  once per 3 to 5 years

AHPS Water-Year Pct of Normal Pcp

As of: Wednesday, October 01, 2014



Percent

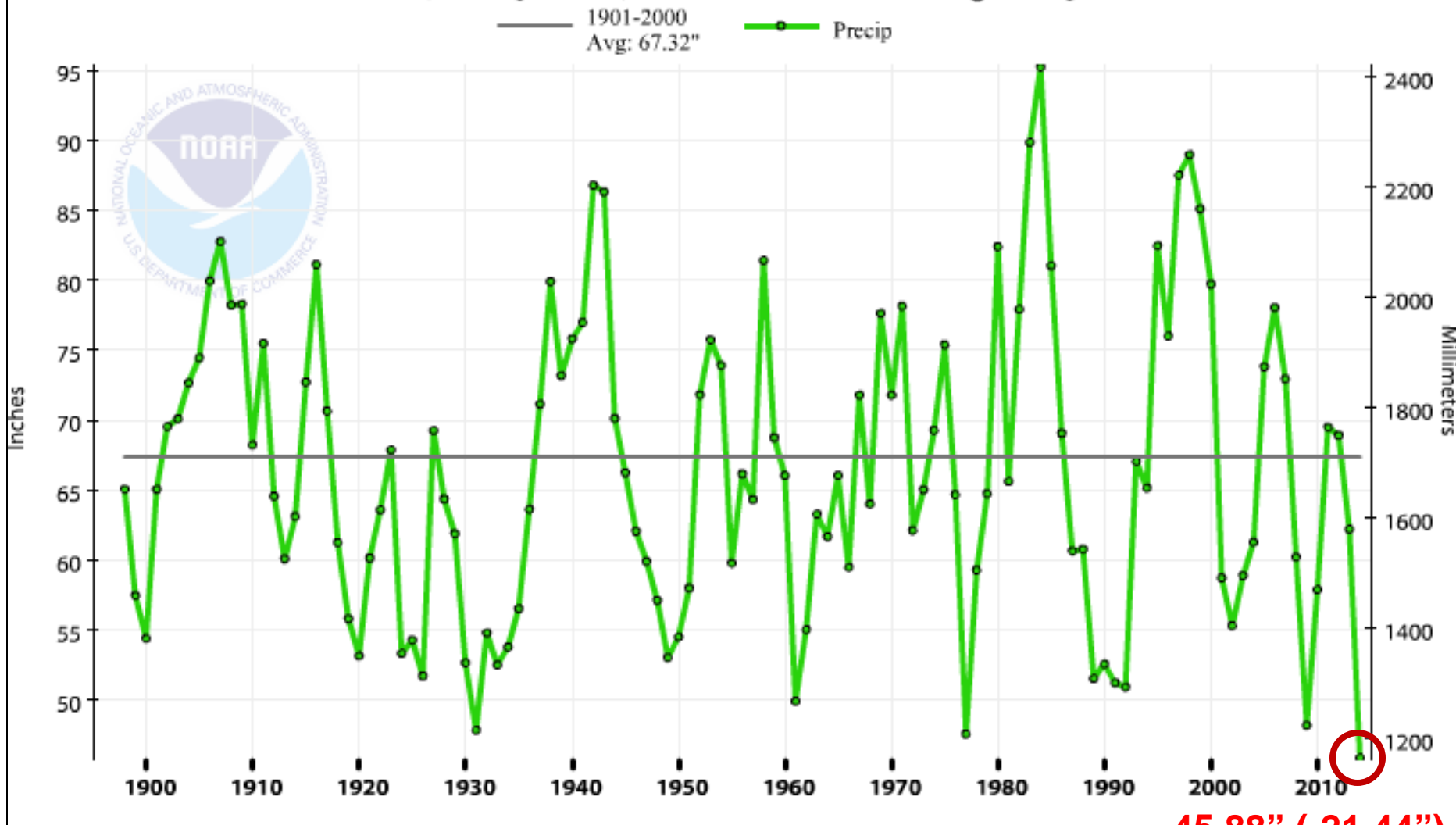


Percent of Normal Precipitation
October 1, 2013 – September 30, 2014

California Precipitation

All 36-Month Periods Ending in September

California, Precipitation, 36-Month Period Ending in September



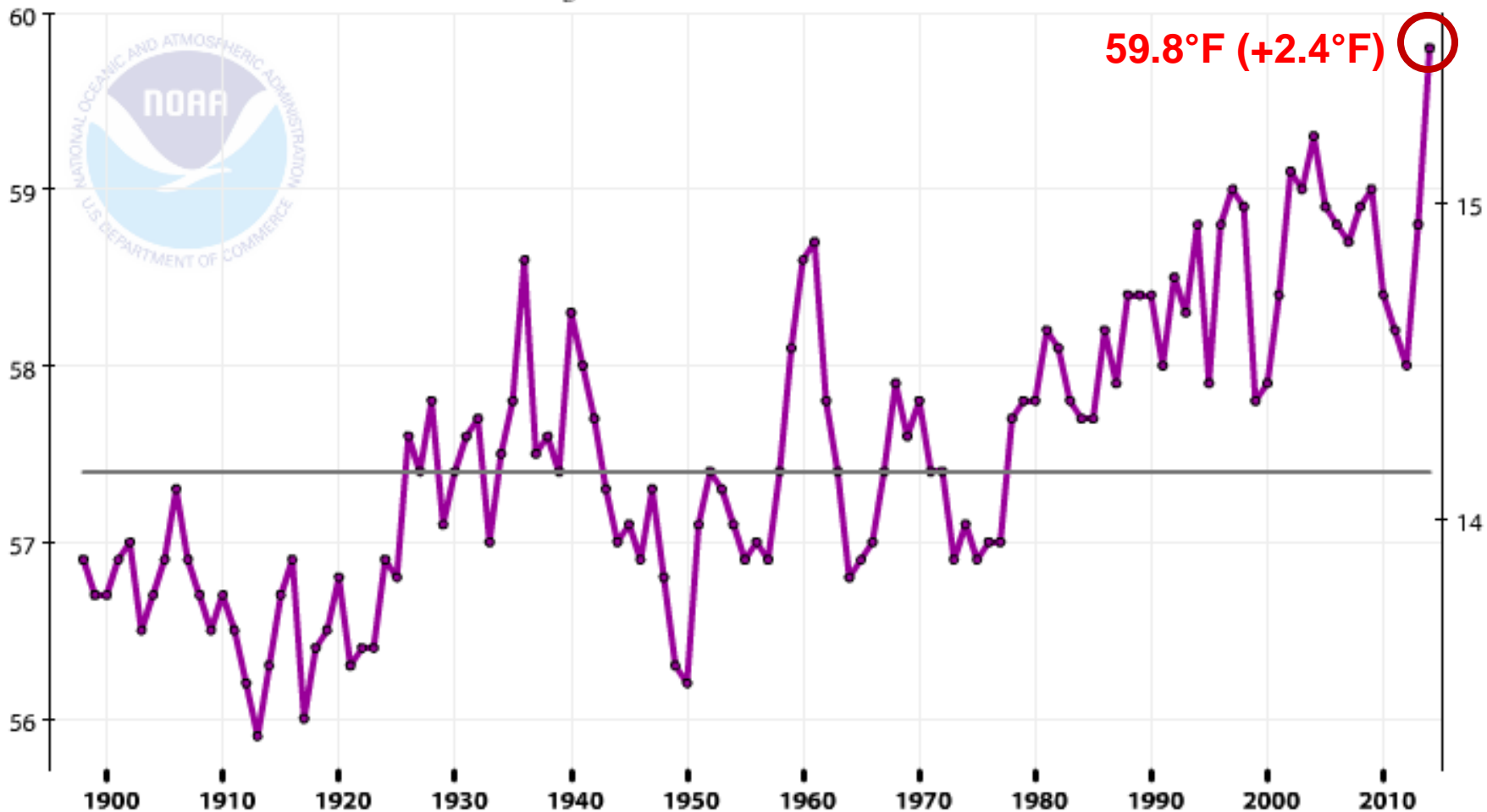
45.88" (-21.44")

California Average Temperature All 36-Month Periods Ending in September

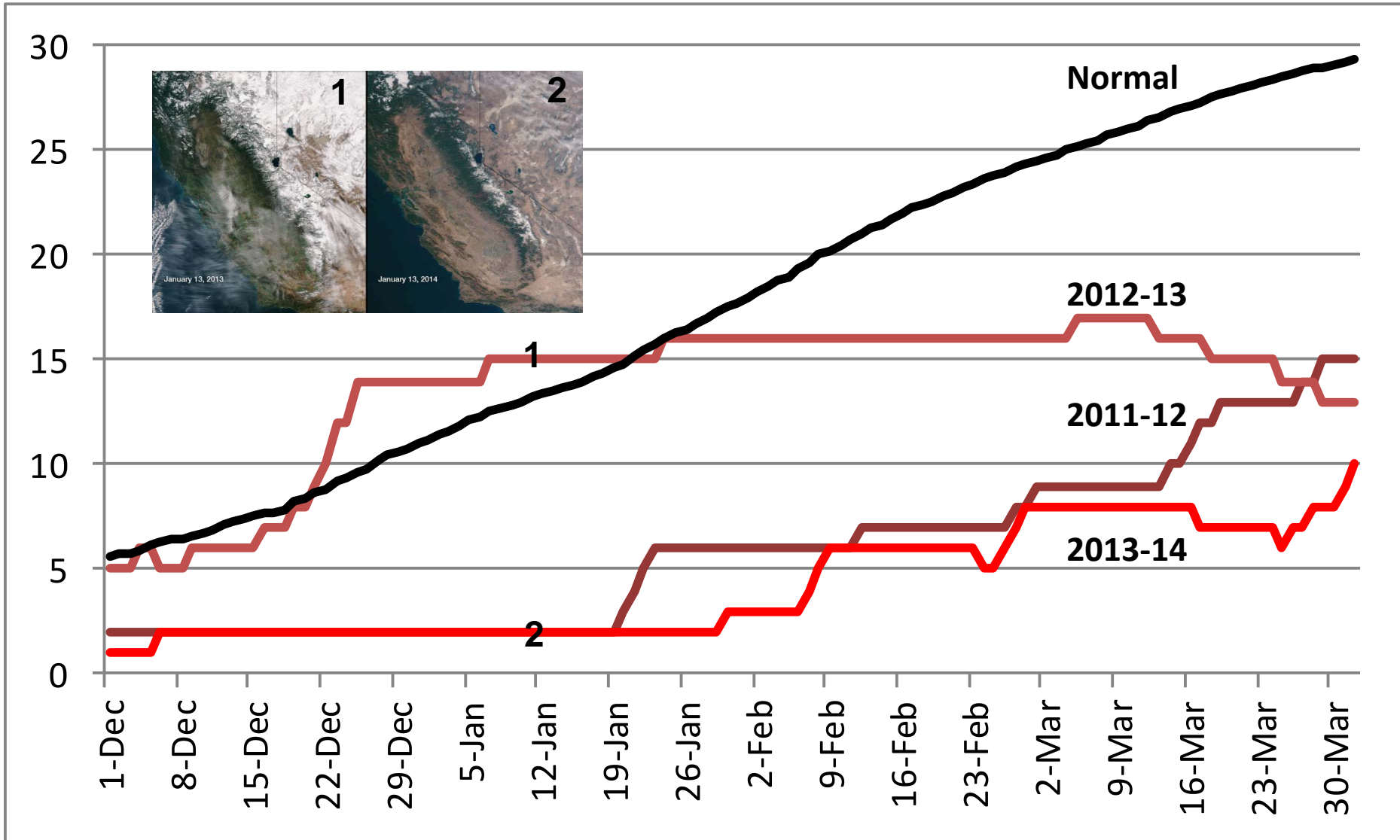
California, Average Temperature, 36-Month Period Ending in September

— 1901-2000
Avg: 57.4°F

—●— Avg Temperature

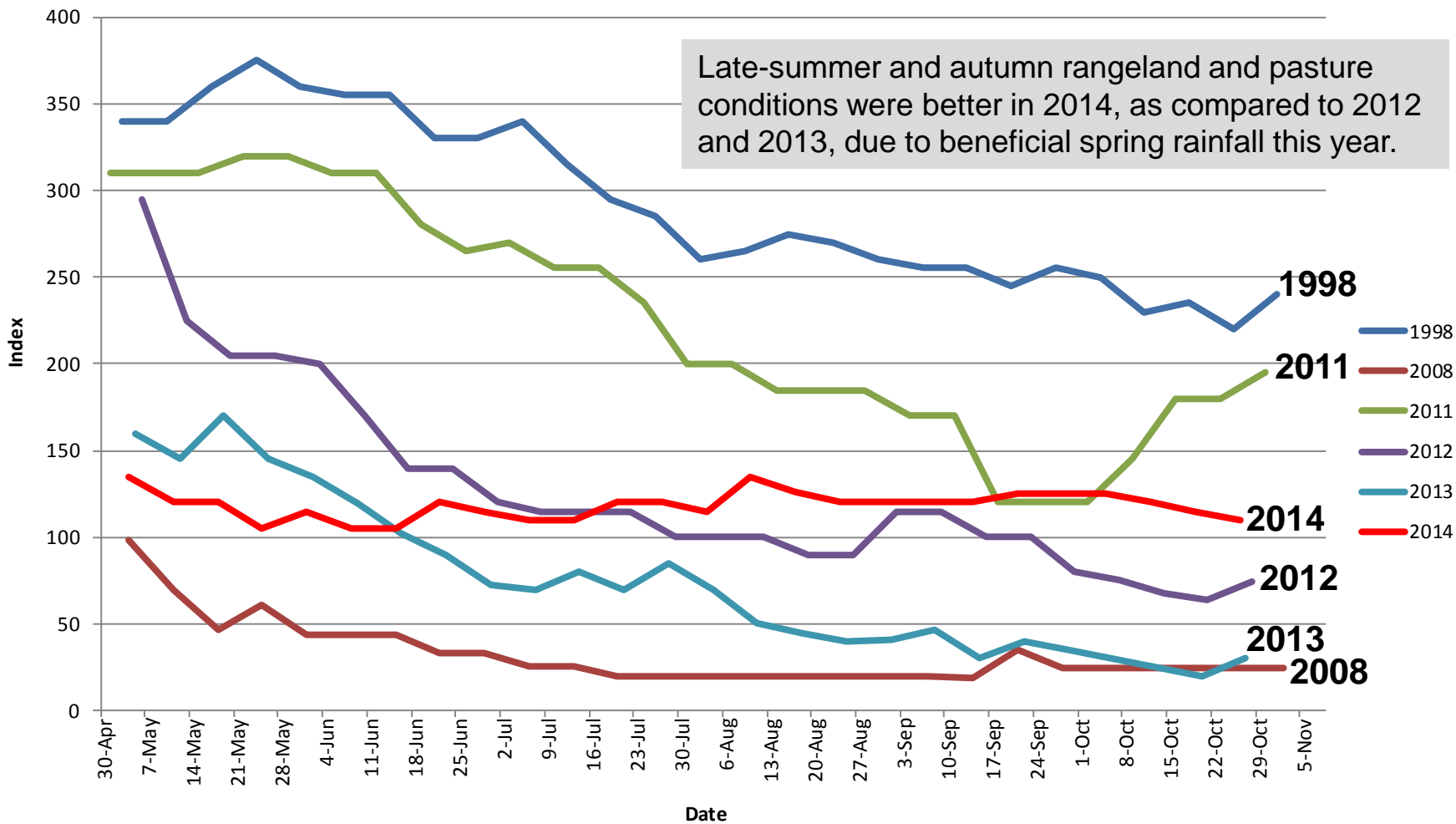


Daily Sierra Nevada Snowpack (Inches) vs. Normal



Source: California Department of Water Resources

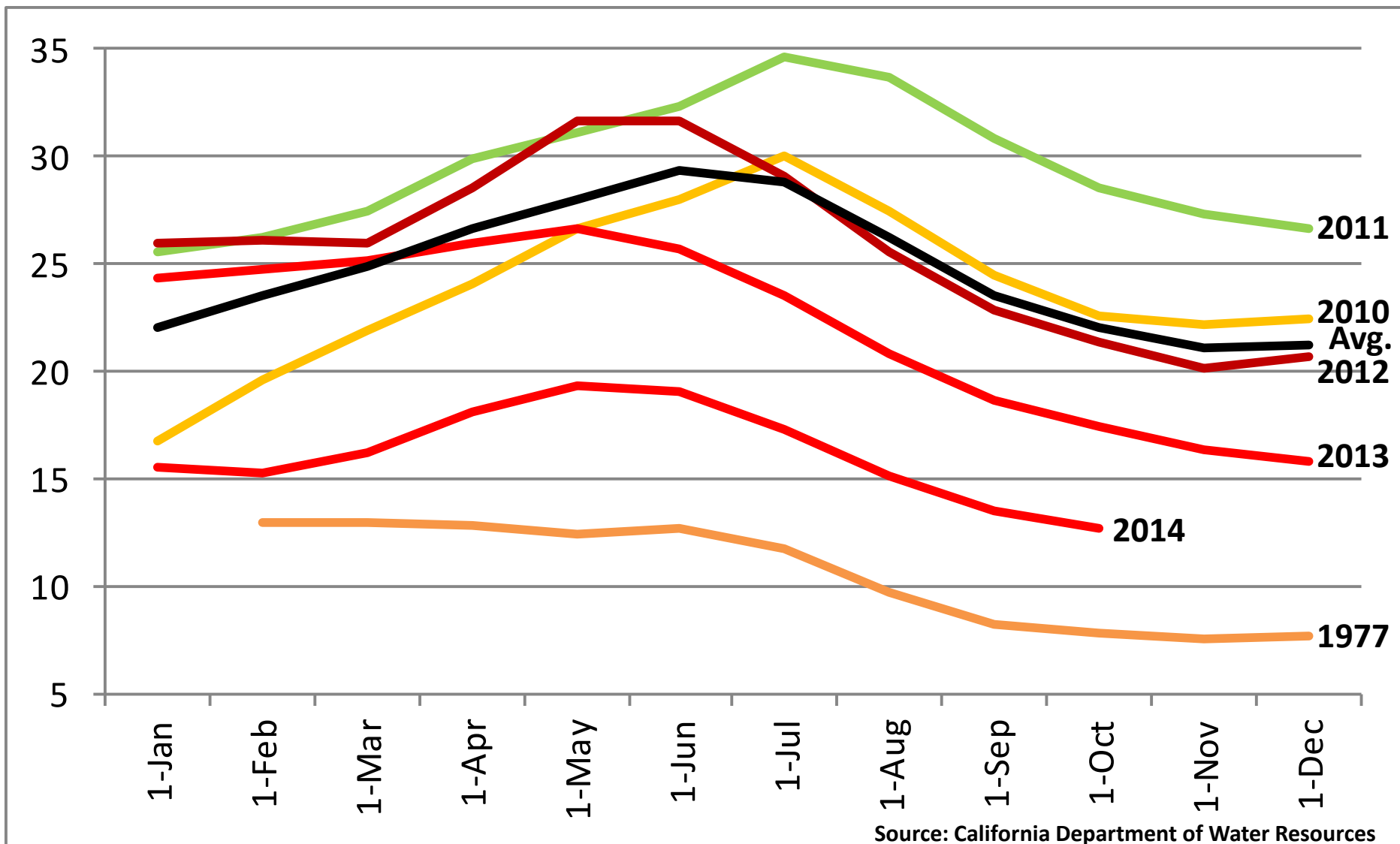
CA PASTURE AND RANGE Condition Index



Based on NASS crop progress data.

Index Weighting: Excellent = 4; Good = 3; Fair = 2; Poor = 1; Very Poor = 0

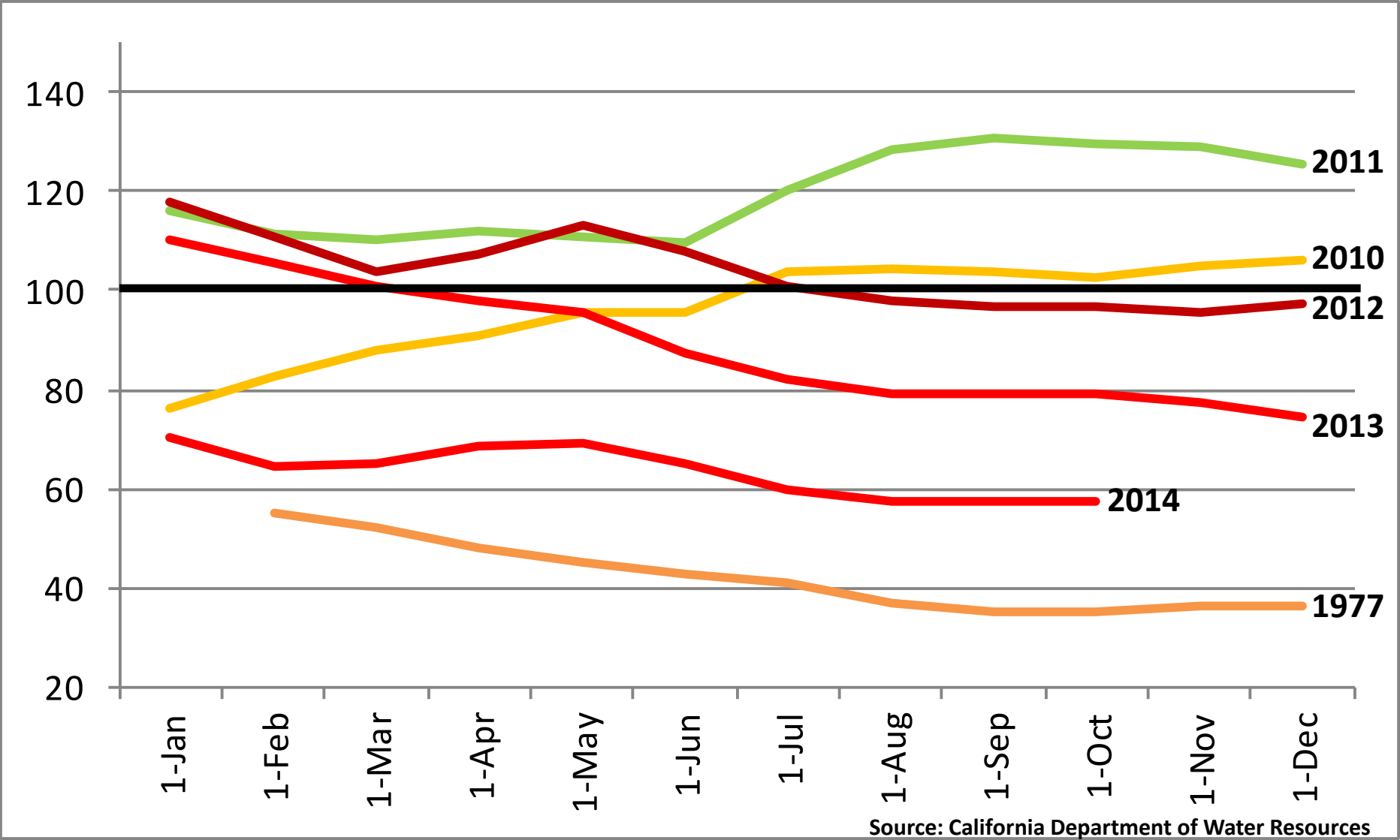
California Reservoir Storage, Million Acre-Feet, 1977 and 2010-14



Source: California Department of Water Resources

Note: One acre-foot is equal to 325,851 gallons, or the amount of water it takes to cover one acre to a depth of one foot.

California Reservoir Storage, Percent of Normal, 1977 and 2010-14



Source: California Department of Water Resources

California Reservoirs, Recharge and Withdrawal

Million Acre-Feet and Percent of Average

	<u>Recharge</u>		<u>Withdrawal</u>
2010-11	12.47 (151%)	2011	8.78 (107%)
2011-12	5.79 (70%)	2012	11.54 (140%)
2012-13	6.52 (79%)	2013	11.49 (139%)
2013-14	4.17 (51%)	2014	TBD
Avg.	8.24	Avg.	8.24

Notes: Recharge and withdrawal values are based on end-of-month statistics, not daily readings. Through Sep. 30, 2014, withdrawal has totaled 6.74 million acre-feet, 92% of average.

California Agriculture, 2014 v. 2013

[acres unless otherwise noted; as of Oct. 20, 2014]

<u>Parameter</u>	<u>2014</u>	<u>2013</u>	<u>Drop</u>
Total Field Crops Planted	3,580,000	4,009,000	10.7%
<i>Wheat Harvested</i>	<i>215,000</i>	<i>394,000</i>	<i>45.4%</i>
<i>Barley Harvested</i>	<i>25,000</i>	<i>42,000</i>	<i>40.5%</i>
<i>Corn Harvested</i>	<i>110,000</i>	<i>180,000</i>	<i>38.9%</i>
<i>Oats Harvested</i>	<i>10,000</i>	<i>15,000</i>	<i>33.3%</i>
<i>Sunflower Harvested</i>	<i>42,400</i>	<i>58,000</i>	<i>26.9%</i>
<i>Rice Harvested</i>	<i>428,000</i>	<i>561,000</i>	<i>23.7%</i>
<i>Cotton Harvested</i>	<i>213,000</i>	<i>278,000</i>	<i>23.4%</i>

California Production, Selected Crops

<u>Crop</u>	<u>2013</u>	<u>2014</u>	<u>Reduction</u>
Corn	35.1*	17.6	50%
Rice	47.6*	36.4	24%
Cotton	943*	730	23%
Hay	1.836 *	1.496	19%

* Respective production units, by crop, are: **corn**, million bushels; **cotton**, thousand 480-pound bales; **rice**, million hundredweight (cwt); and **hay (not including alfalfa)**, million tons.

Source: U.S. Crop Production Highlights, October 10, 2014:

<http://usda.mannlib.cornell.edu/usda/current/CropProd/CropProd-10-10-2014.pdf>

California Agricultural Production Statistics, 2012

- The state's 80,500 farms and ranches received a record \$44.7 billion for their output in 2012, up from \$43.3 billion in 2011 and \$37.9 billion in 2010.
- California is the number one state in cash farm receipts with 11.3 percent of the U.S. total.
- The state accounted for 15 percent of domestic receipts for crops and 7.1 percent of the U.S. revenue for livestock and livestock products.

Source: California Department of Agriculture:
<http://www.cdfa.ca.gov/Statistics/>

California Agricultural Production Statistics, 2012

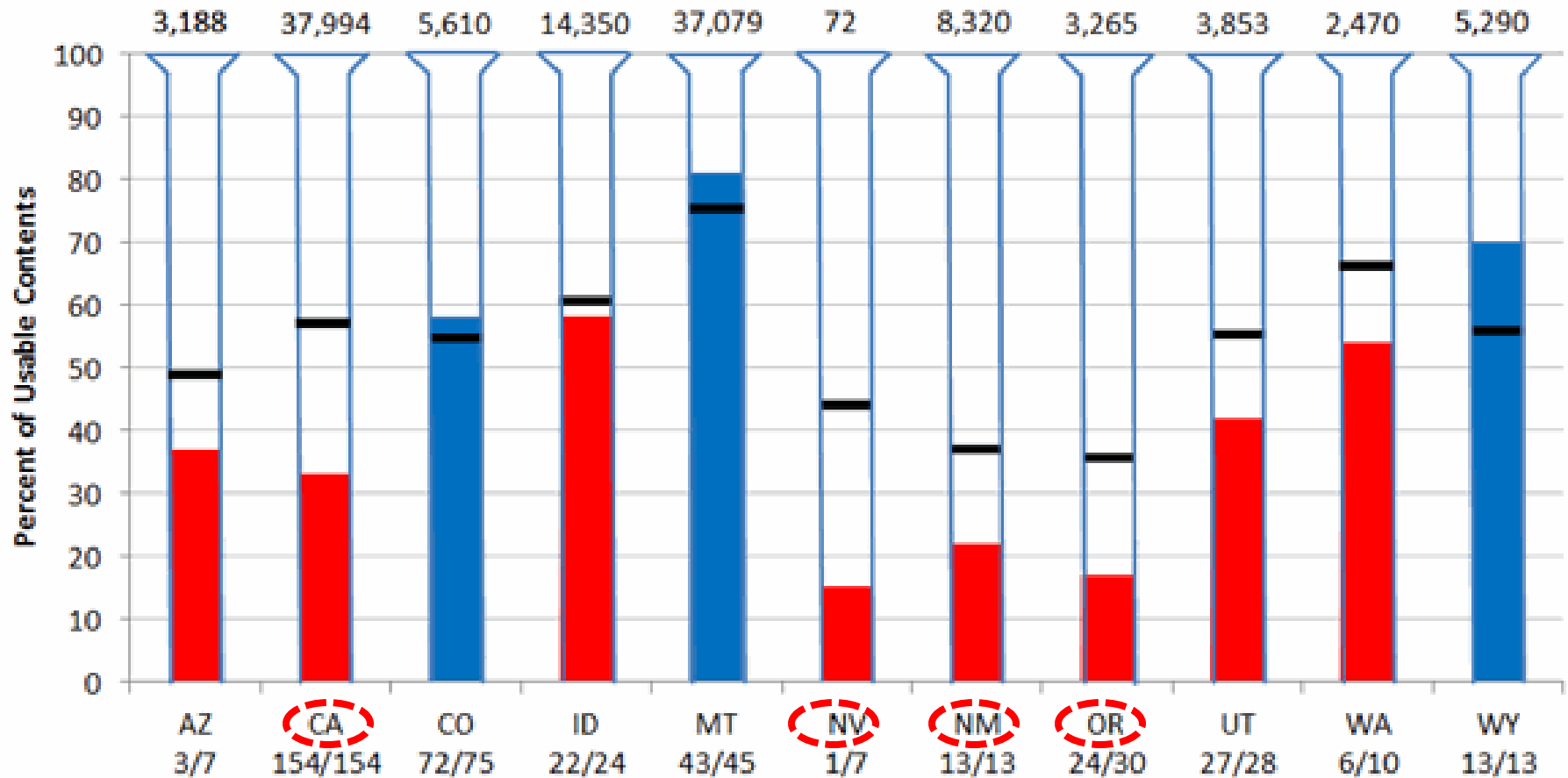
- **Milk:** \$6.90 billion
- Grapes: \$4.45 billion
- Almonds: \$4.35 billion
- Nursery plants:
\$3.54 billion
- **Cattle, Calves:**
\$3.30 billion
- Strawberries:
\$1.94 billion
- Lettuce: \$1.45 billion
- Walnuts: \$1.35 billion
- **Hay:** \$1.25 billion
- Tomatoes:
\$1.17 billion

Note: These ten commodities accounted for approximately two-thirds of California's agricultural cash receipts in 2012.

Reservoir Storage as of October 1, 2014

■ Below Average ■ Above Average ■ Average

Capacity of Reservoirs Reported (1000 Acre-Feet)



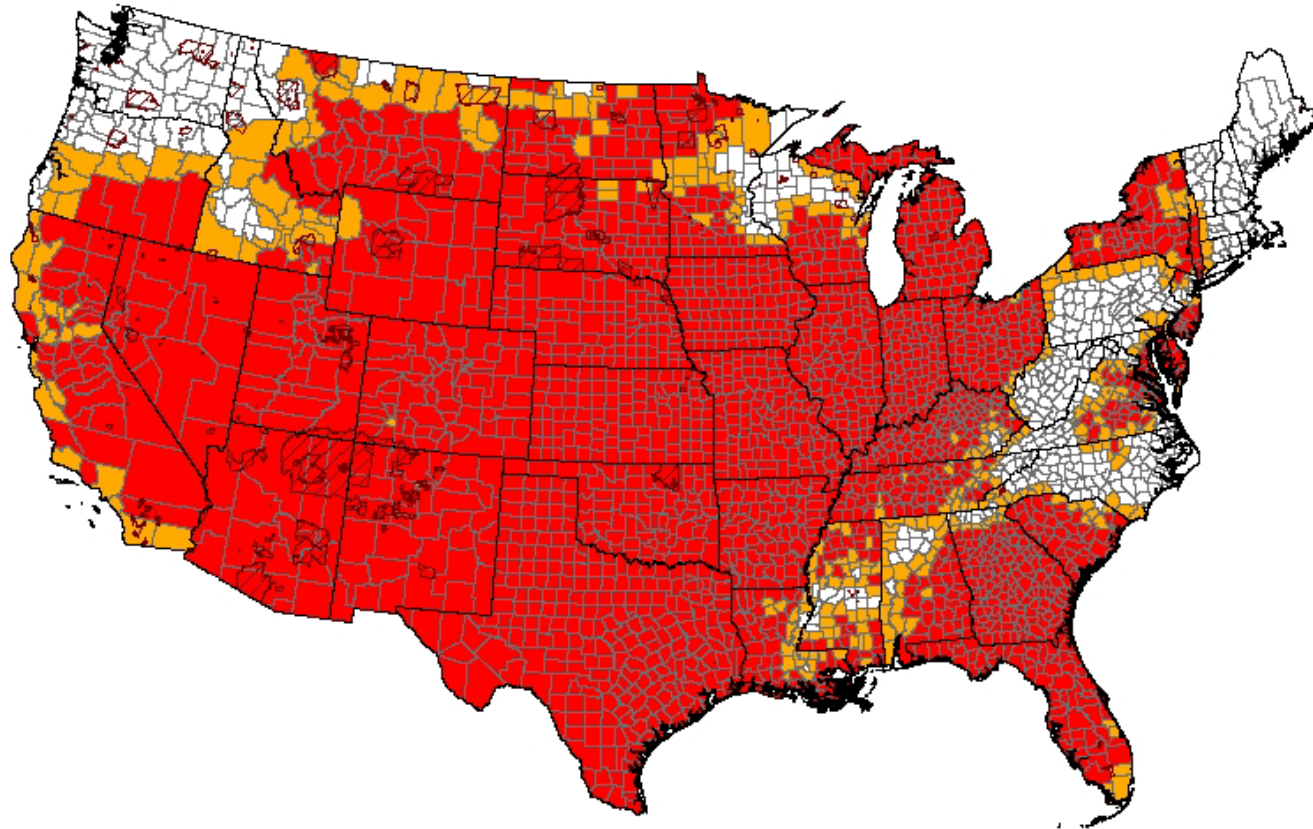
Prepared by: USDA Natural Resources Conservation Service
 National Water and Climate Center, Portland, OR
www.wcc.nrcs.usda.gov

State and Number of Reservoirs Reported






“Fast Track” Secretarial Disaster Designation Process

- Streamlines the USDA Secretarial designation process by eliminating steps from the current process;
- A reduced interest rate for emergency loans that effectively lowers the current rate from 3.75 percent to 2.25 percent;
- Preserves the ability of a state governor or Indian Tribal Council to request a Secretarial Disaster Designation;
- Removes the requirement that a request for a disaster designation be initiated only by a state governor or Indian Tribal Council;
- Further streamlines the disaster designation process for severe drought occurrences by utilizing the U.S. Drought Monitor as a tool to automatically trigger disaster areas with no further documentation;
- Does not impose any new requirements on producers or the public.
- In 2012, led to drought disaster declarations in 2,254 primary counties in 39 states.

2012 Secretarial Drought Designations - All Drought



All Drought Disaster Incidents as of 2/13/2013

-  State Boundary
-  County Boundary
-  Tribal Lands
-  Primary Counties: 2,254
-  Contiguous Counties: 374



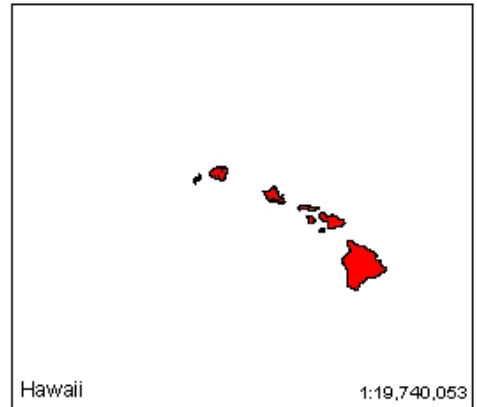
USDA Farm Service Agency
Production, Emergencies and Compliance Division
Washington, D.C.
February 13, 2013

1:23,520,203



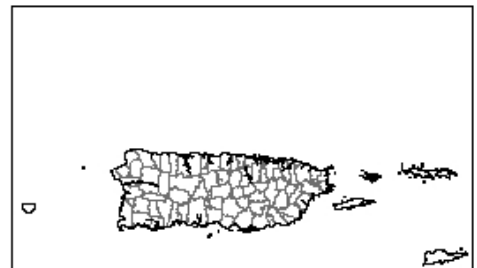
Alaska

1:58,102,399



Hawaii

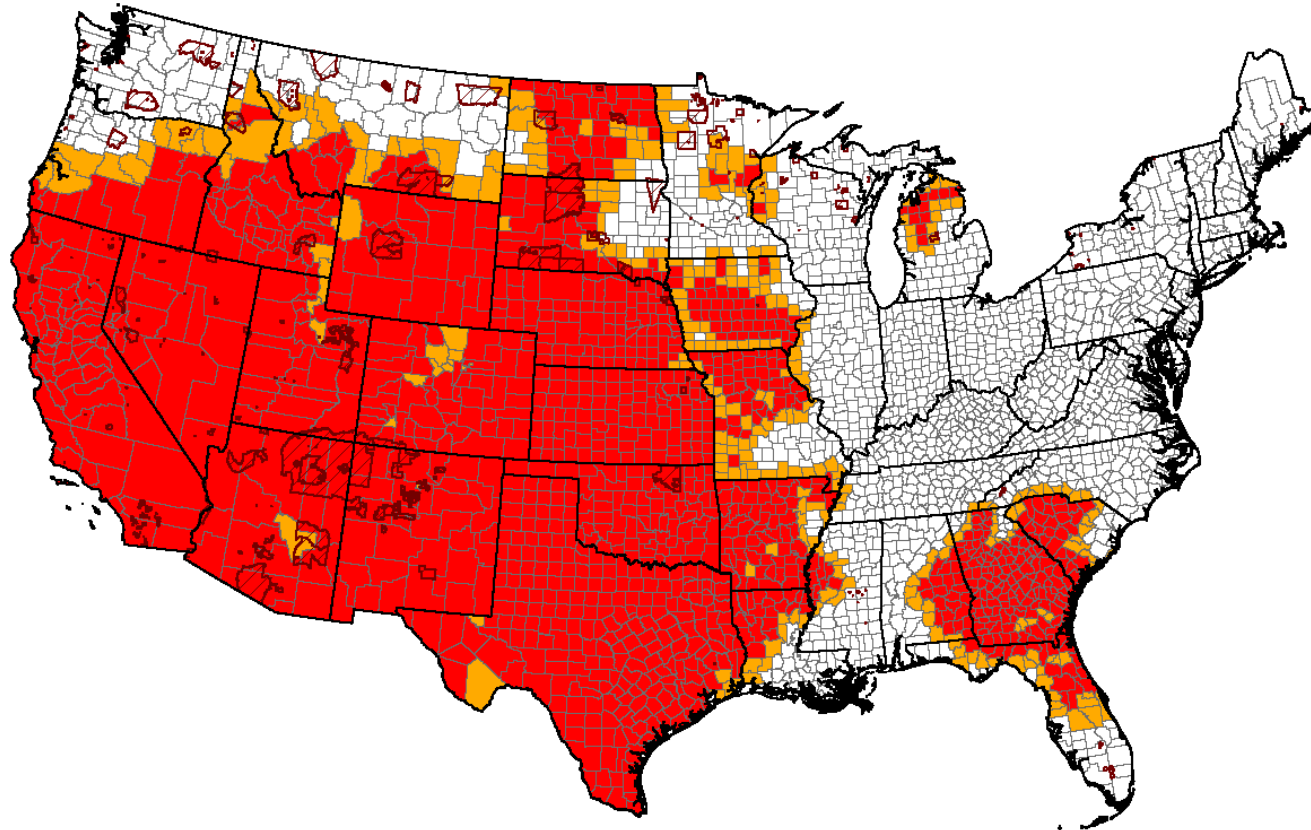
1:19,740,053








Puerto Rico

1:5,592,808

2013 Secretarial Drought Designations - All Drought



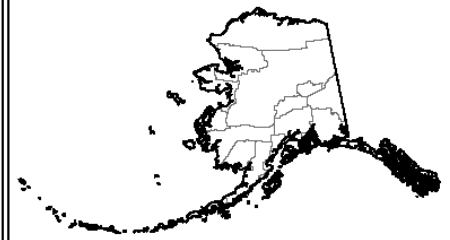
All Drought Disaster Incidents as of 4/23/14

-  State Boundary
-  County Boundary
-  Tribal Lands
-  Primary Counties: 1258
-  Contiguous Counties: 317



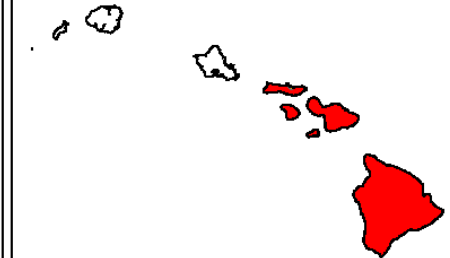
USDA Farm Service Agency
 Production, Emergencies and Compliance Division
 Washington, D.C.
 April 23, 2014

1:23,520,203



Alaska

1:58,102,399



Hawaii

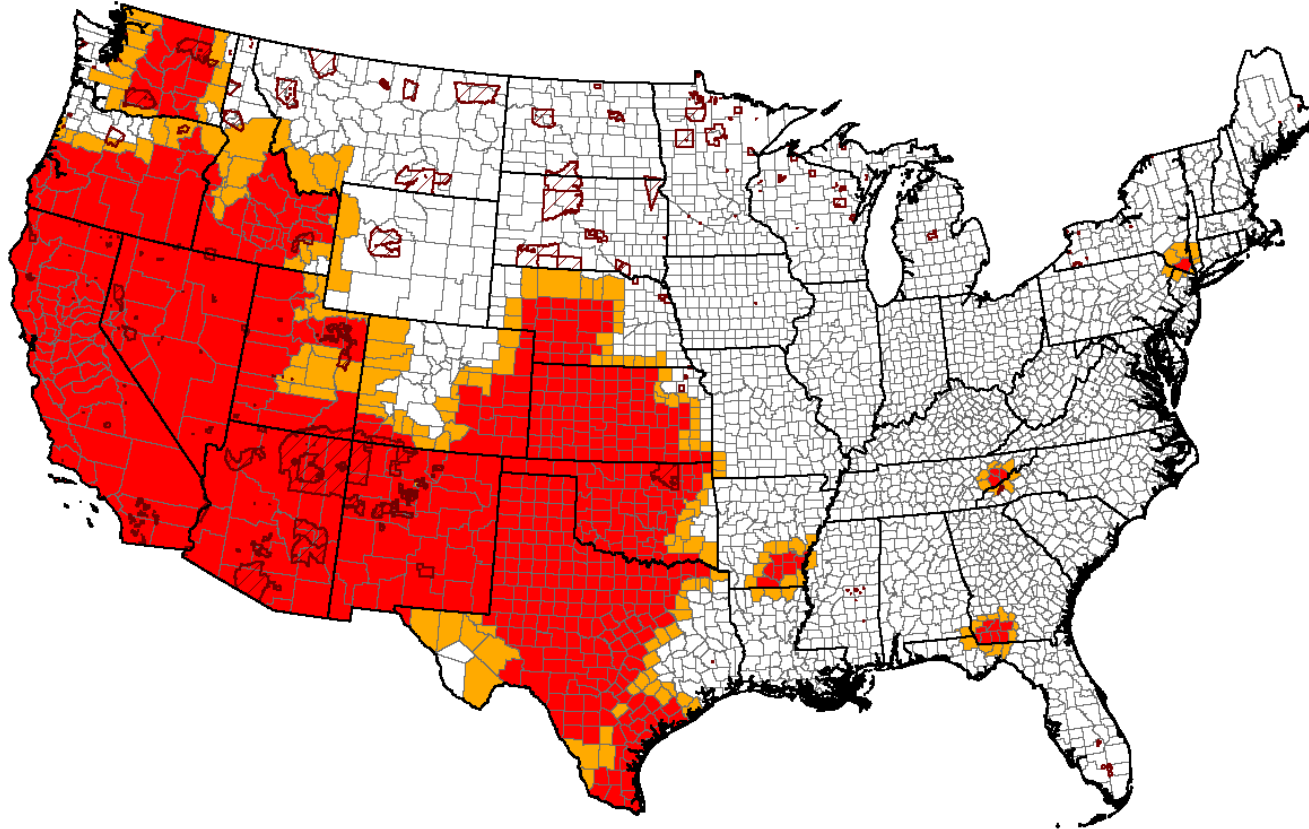
1:19,740,053








Puerto Rico

1:5,592,808

2014 Secretarial Drought Designations - All Drought



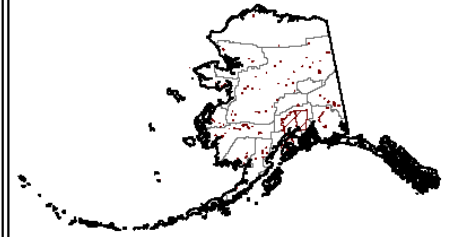
Secretarial Drought Designations for 2014
Disaster Incidents as of October 22, 2014

-  State Boundary
-  County Boundary
-  Tribal Lands
-  Primary Counties: 575
-  Contiguous Counties: 190



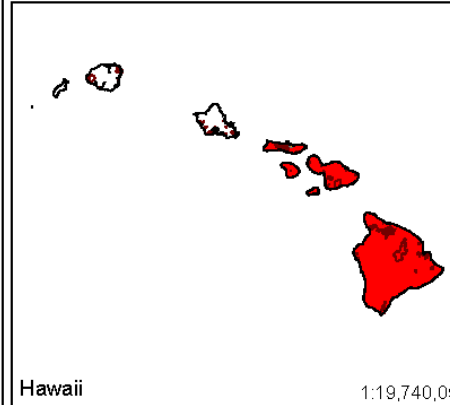
USDA Farm Service Agency
Production, Emergencies and Compliance Division
Washington, D.C.
October 22, 2014

1:23,520,203



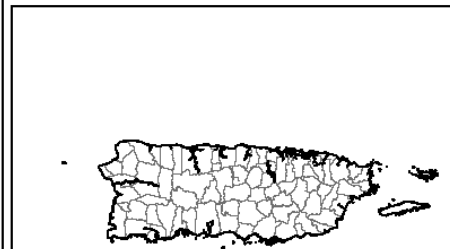
Alaska

1:58,102,399



Hawaii

1:19,740,053



Puerto Rico

1:5,592,808

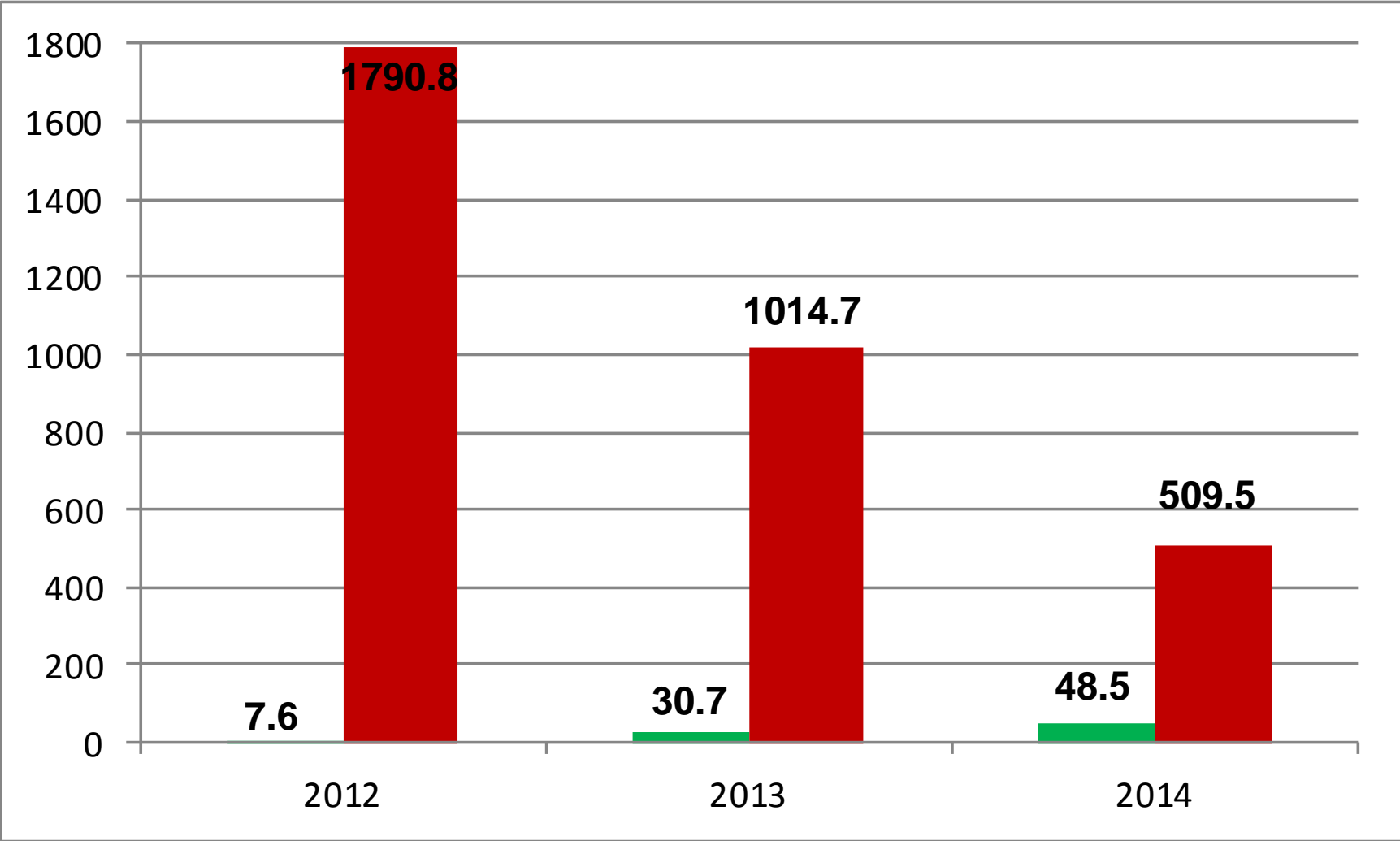
- **U.S. Drought Monitor Usage by FSA**
- **Agricultural Act of 2014 (“Farm Bill”) re-authorizes the Livestock Forage Disaster Program (LFP)**
 - **Grazing loss because of drought on owned or leased grazing land or pastureland that is physically located in a county experiencing:**
 - **D2 intensity for at least 8 consecutive weeks during normal grazing period will be eligible to receive an amount equal to 1 monthly payment**
 - **D3 intensity during the normal grazing period will be eligible to receive an amount equal to 3 monthly payments**
 - **D3 intensity for at least 4 weeks or a D4 intensity any time during the grazing period will be eligible to receive an amount equal to 4 monthly payments**
 - **D4 intensity for at least 4 weeks during the normal grazing period will be eligible to receive an amount equal to 5 monthly payments**

Retroactive LFP Payouts

The 2014 Farm Bill contains permanent livestock disaster programs including the Livestock Forage Disaster Program, which will help producers in California and other areas recover from the drought. At President Obama's direction, USDA is making implementation of the disaster programs a top priority and plans to have the programs available for sign up in 60 days. **Producers will be able to sign up for the livestock disaster programs for losses not only for 2014 but for losses they experienced in 2012 and 2013.** While these livestock programs took over a year to get assistance out the door under the last Farm Bill, USDA has committed to cut that time by more than 80 percent and begin sign-up in April. California alone could potentially receive up to \$100 million for 2014 losses and up to \$50 million for previous years.

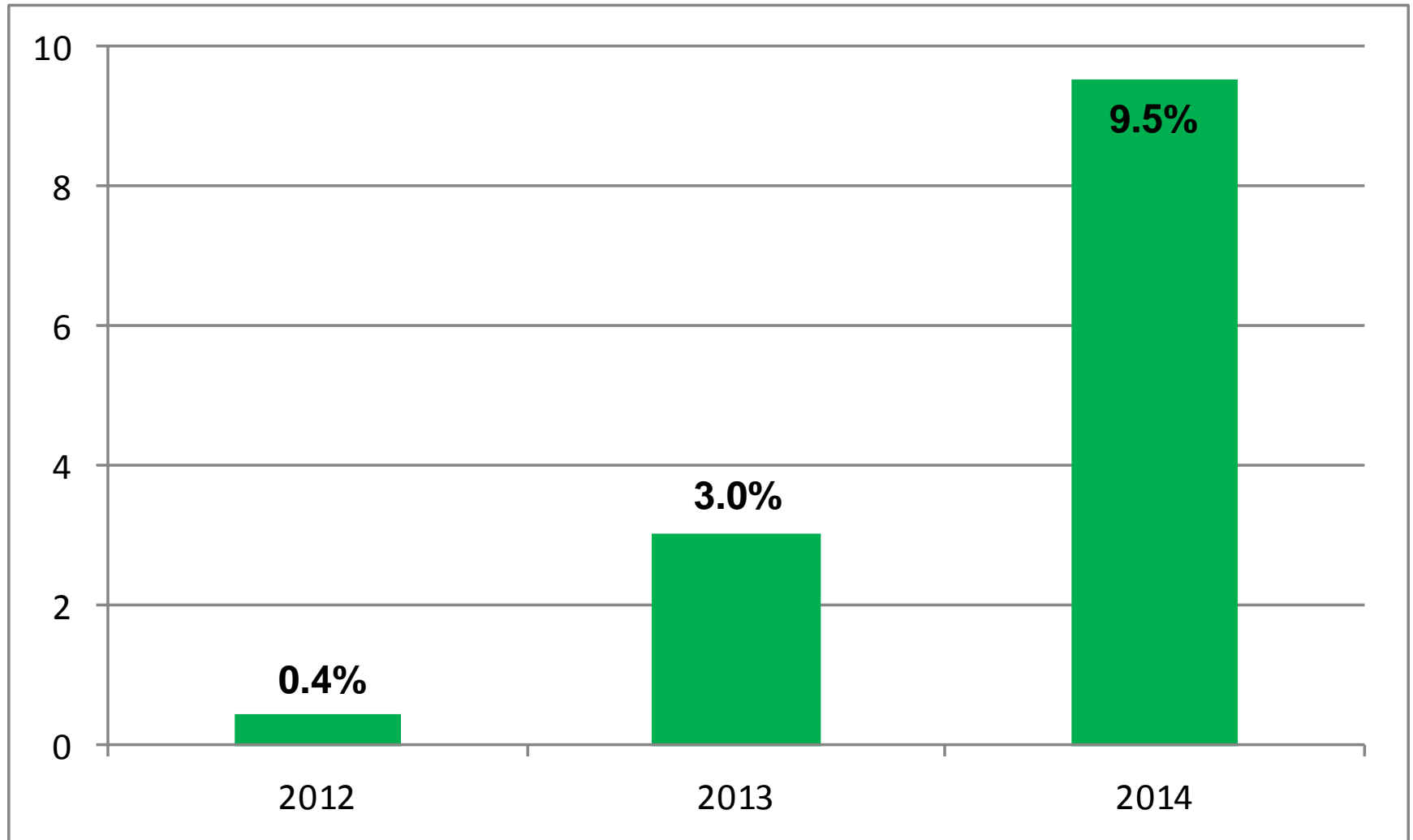
LFP Payouts, 2012-14, U.S. and California

Million Dollars



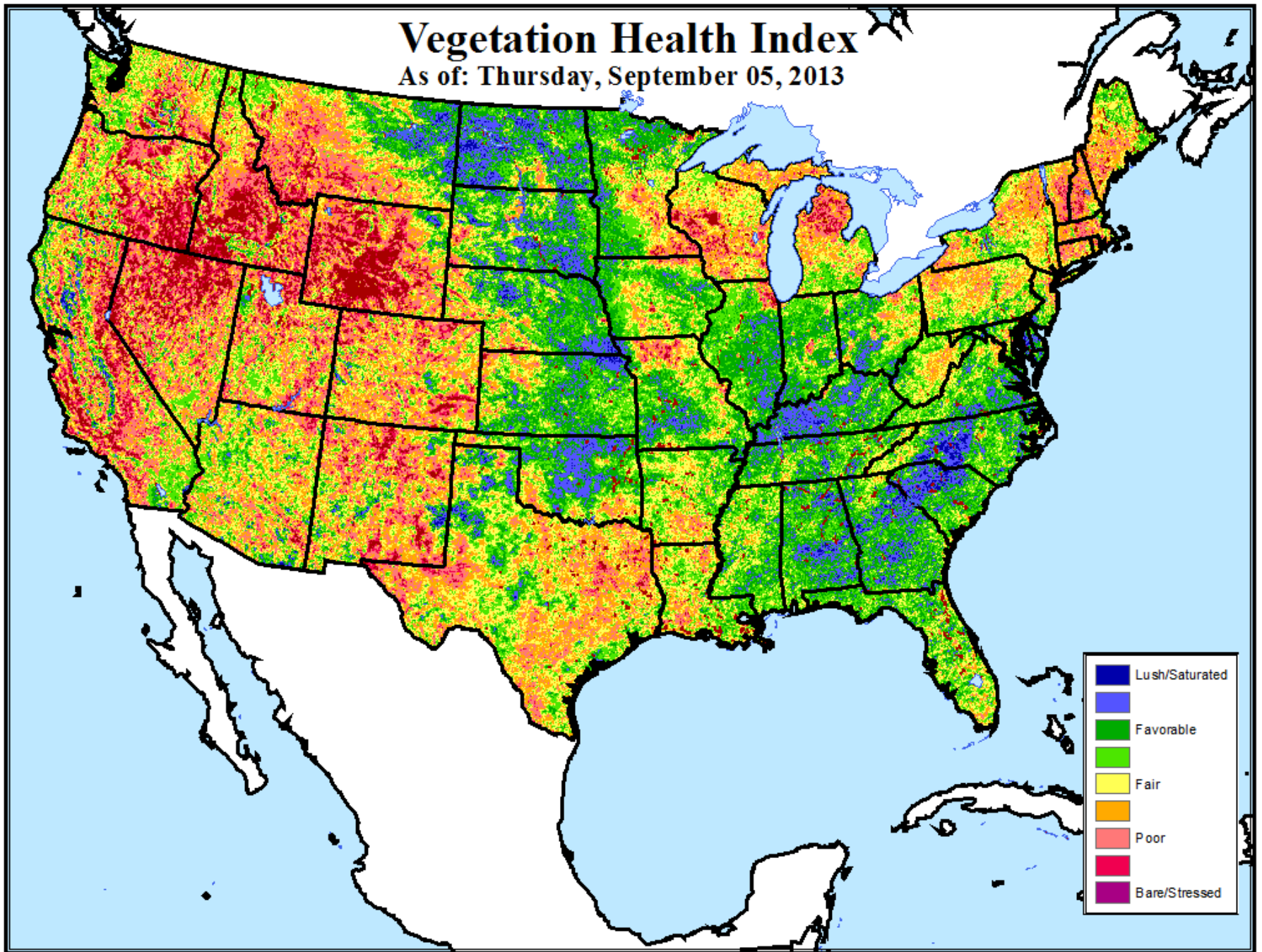
California LFP Payouts, 2012-14

Percent of U.S. Total



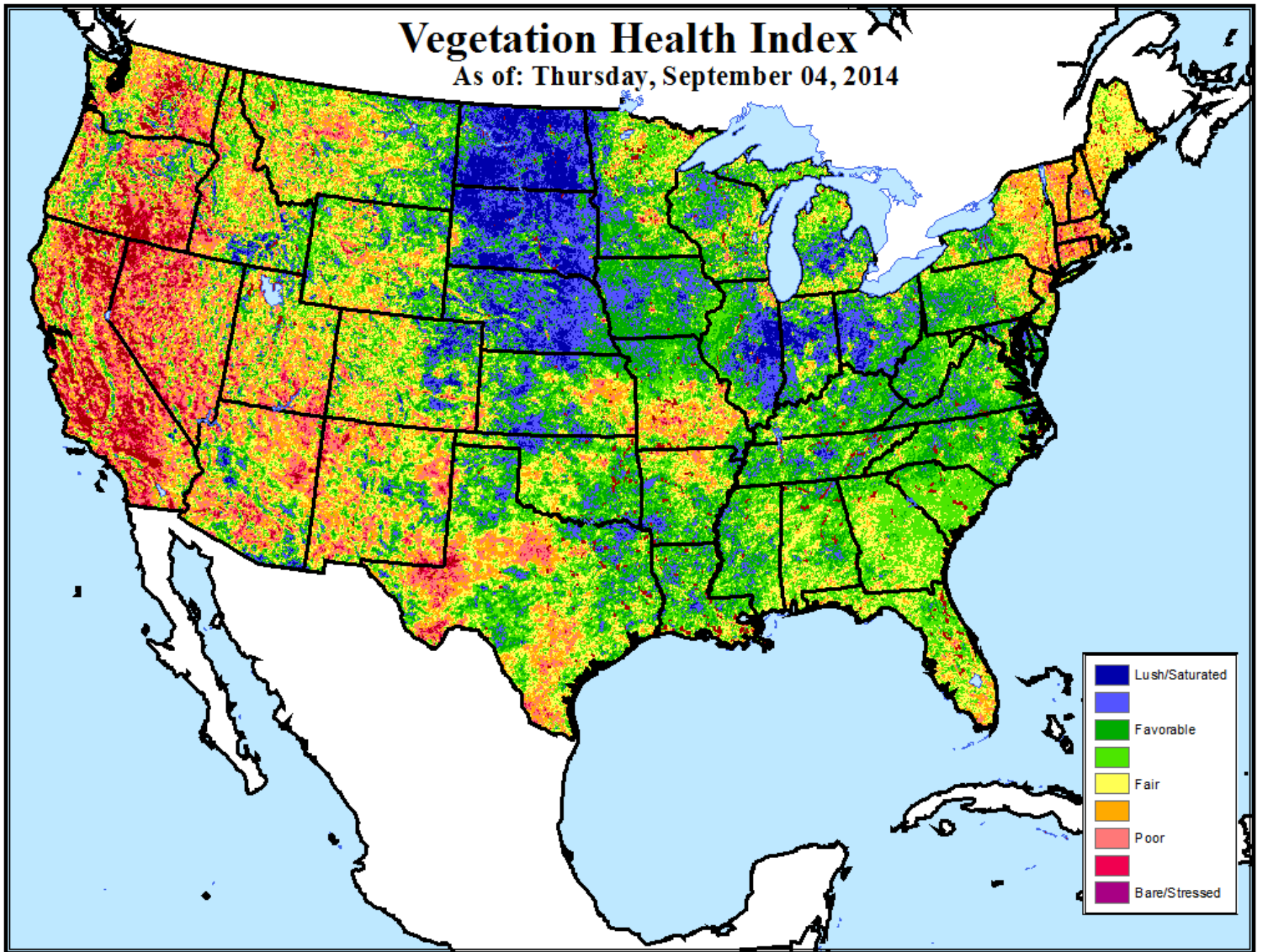
Vegetation Health Index

As of: Thursday, September 05, 2013



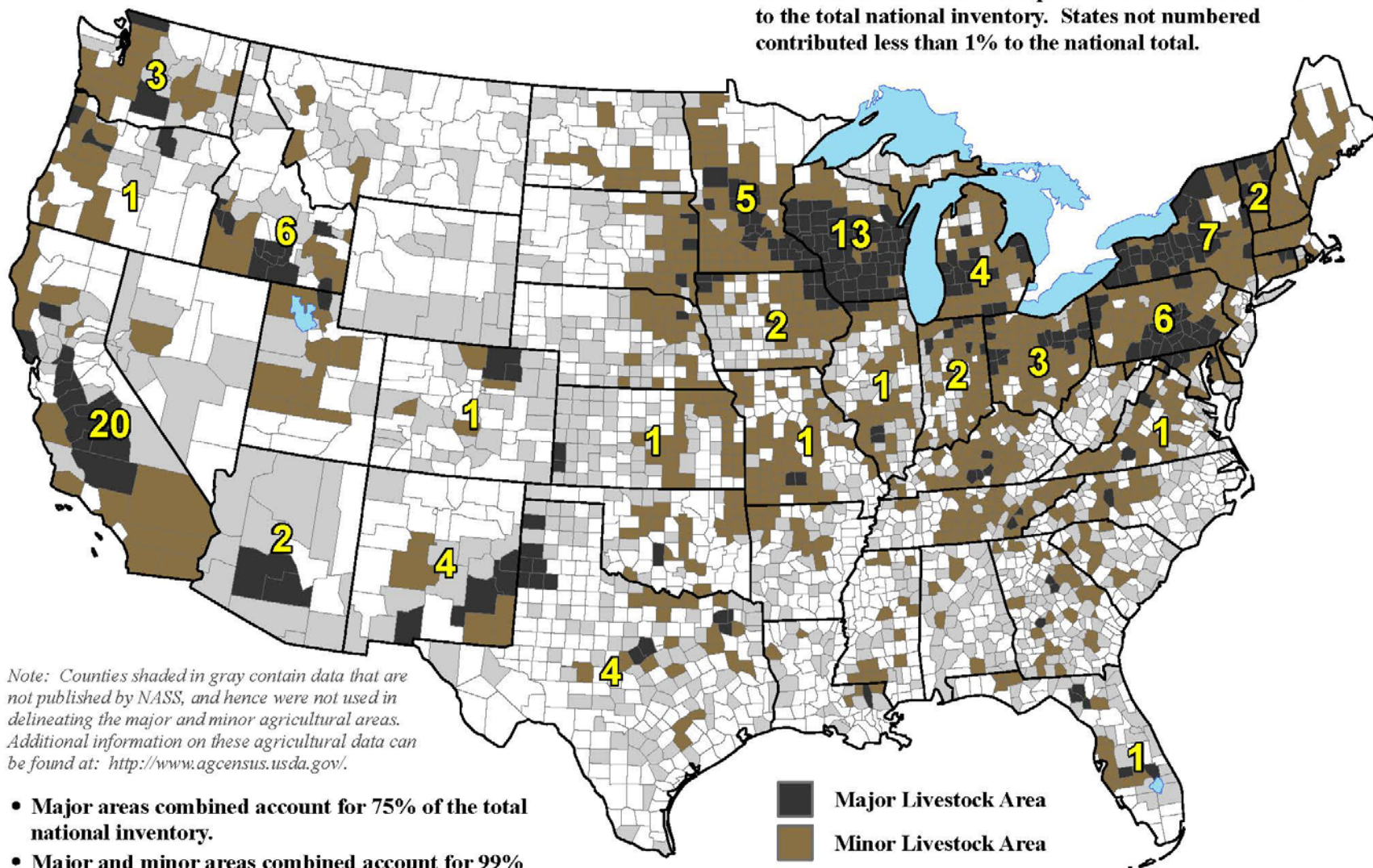
Vegetation Health Index

As of: Thursday, September 04, 2014



United States: Milk Cows

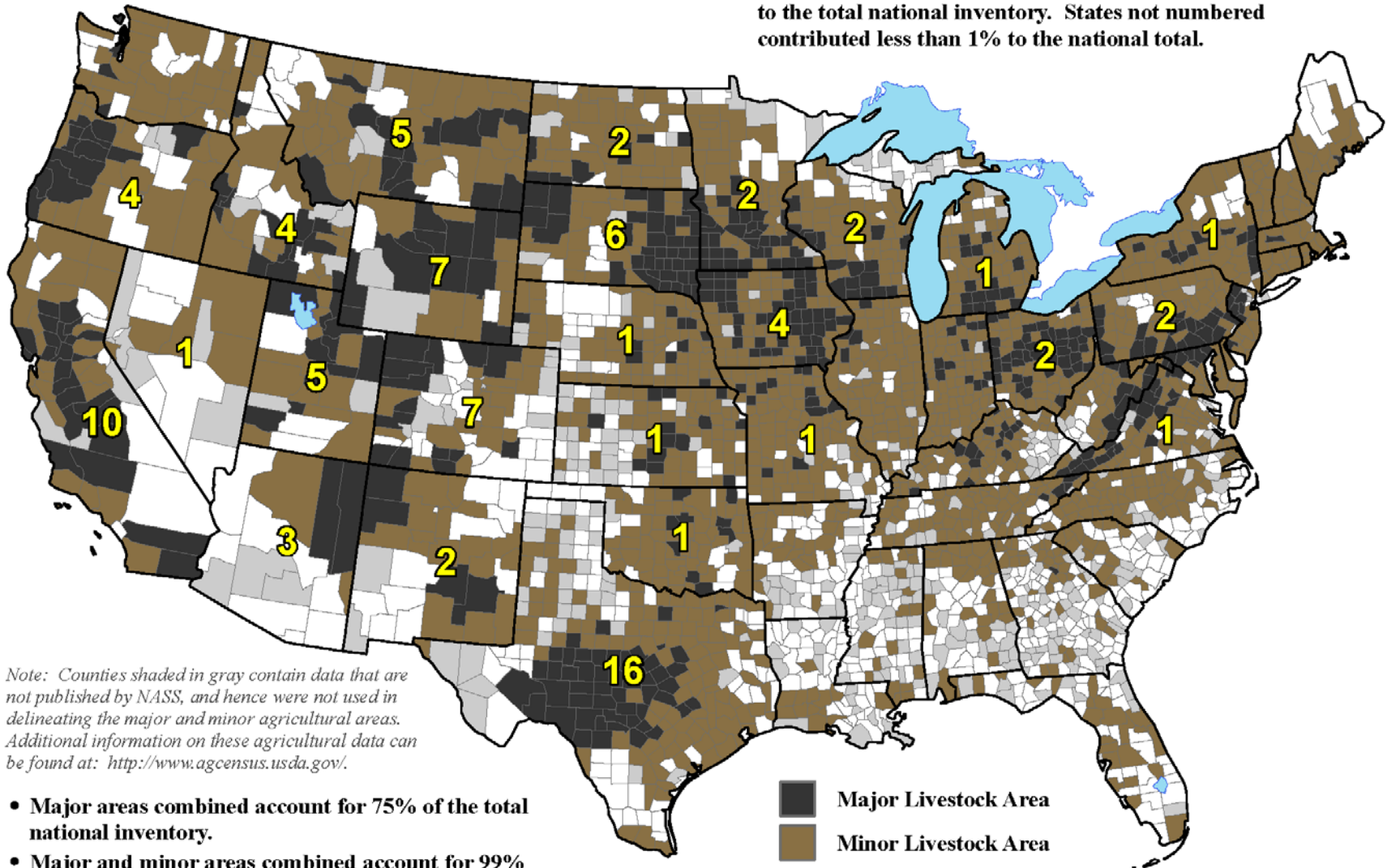
Yellow numbers indicate the percent each state contributed to the total national inventory. States not numbered contributed less than 1% to the national total.



- Major areas combined account for 75% of the total national inventory.
- Major and minor areas combined account for 99% of the total national inventory.
- Major and minor areas and state inventory percentages are derived from NASS 2007 Census of Agriculture data.

United States: Sheep & Lambs

Yellow numbers indicate the percent each state contributed to the total national inventory. States not numbered contributed less than 1% to the national total.

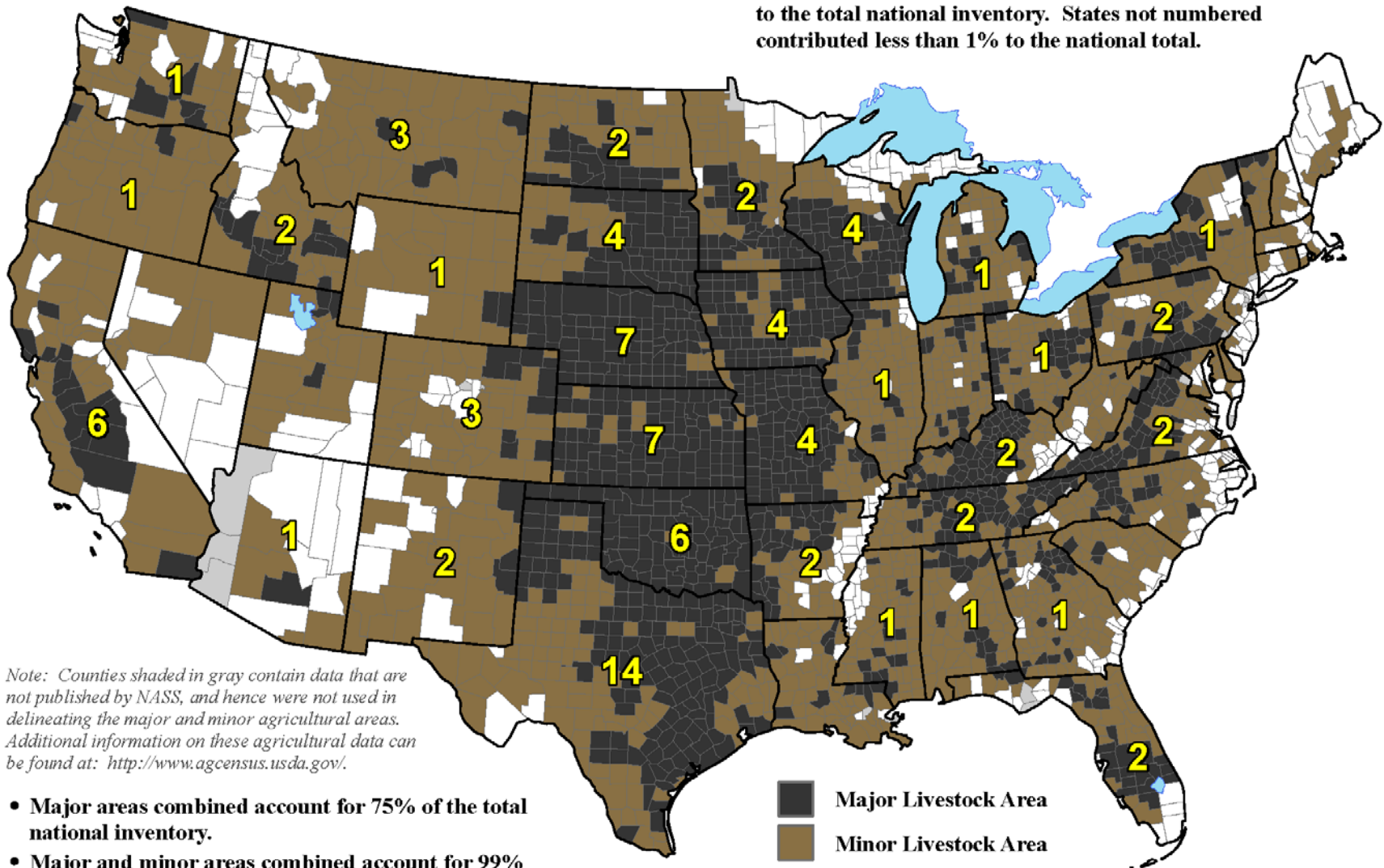


- Major areas combined account for 75% of the total national inventory.
- Major and minor areas combined account for 99% of the total national inventory.
- Major and minor areas and state inventory percentages are derived from NASS 2007 Census of Agriculture data.

USDA World Agricultural Outlook Board
Joint Agricultural Weather Facility

United States: Cattle

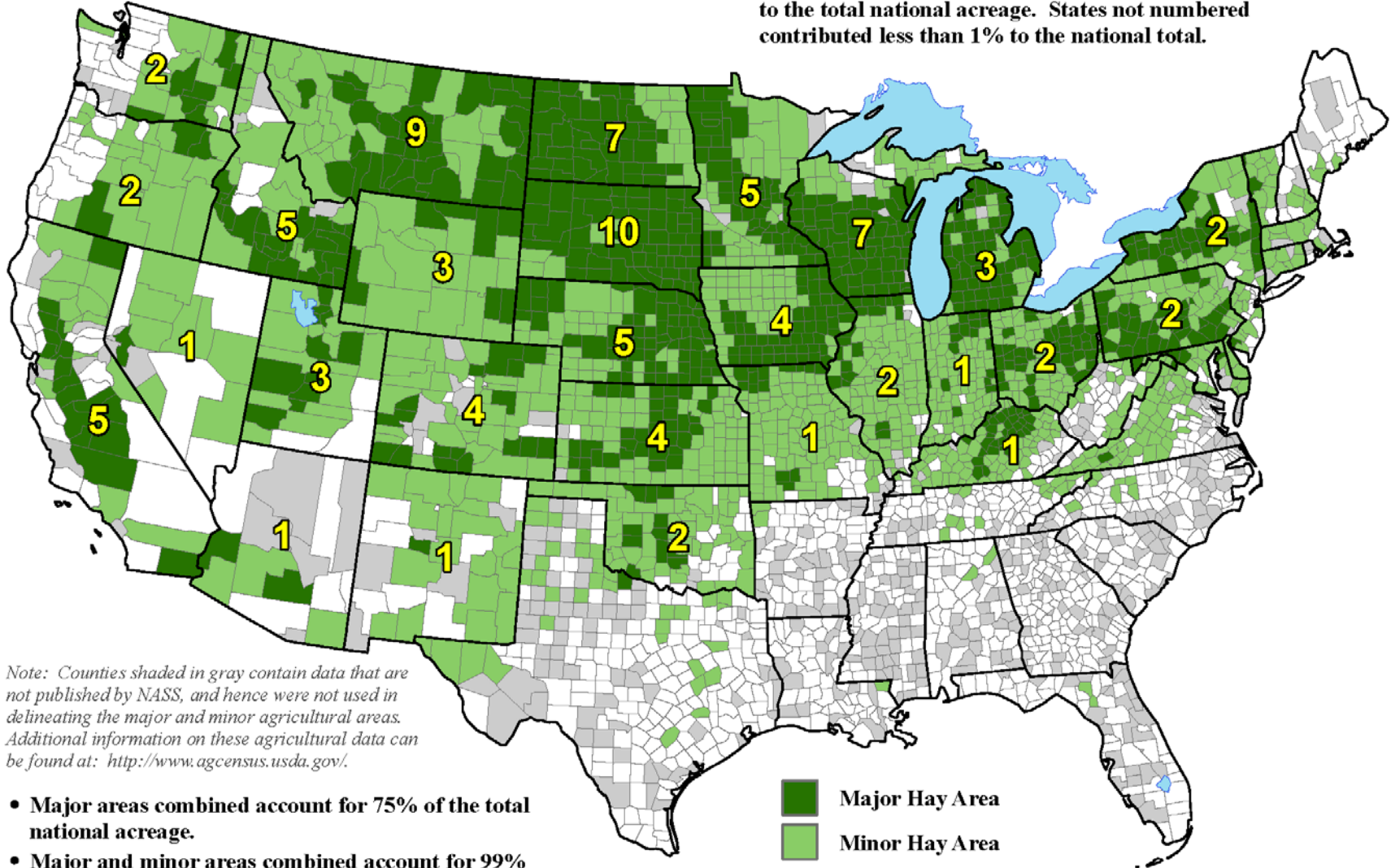
Yellow numbers indicate the percent each state contributed to the total national inventory. States not numbered contributed less than 1% to the national total.



- Major areas combined account for 75% of the total national inventory.
- Major and minor areas combined account for 99% of the total national inventory.
- Major and minor areas and state inventory percentages are derived from NASS 2007 Census of Agriculture data.

United States: Alfalfa Hay

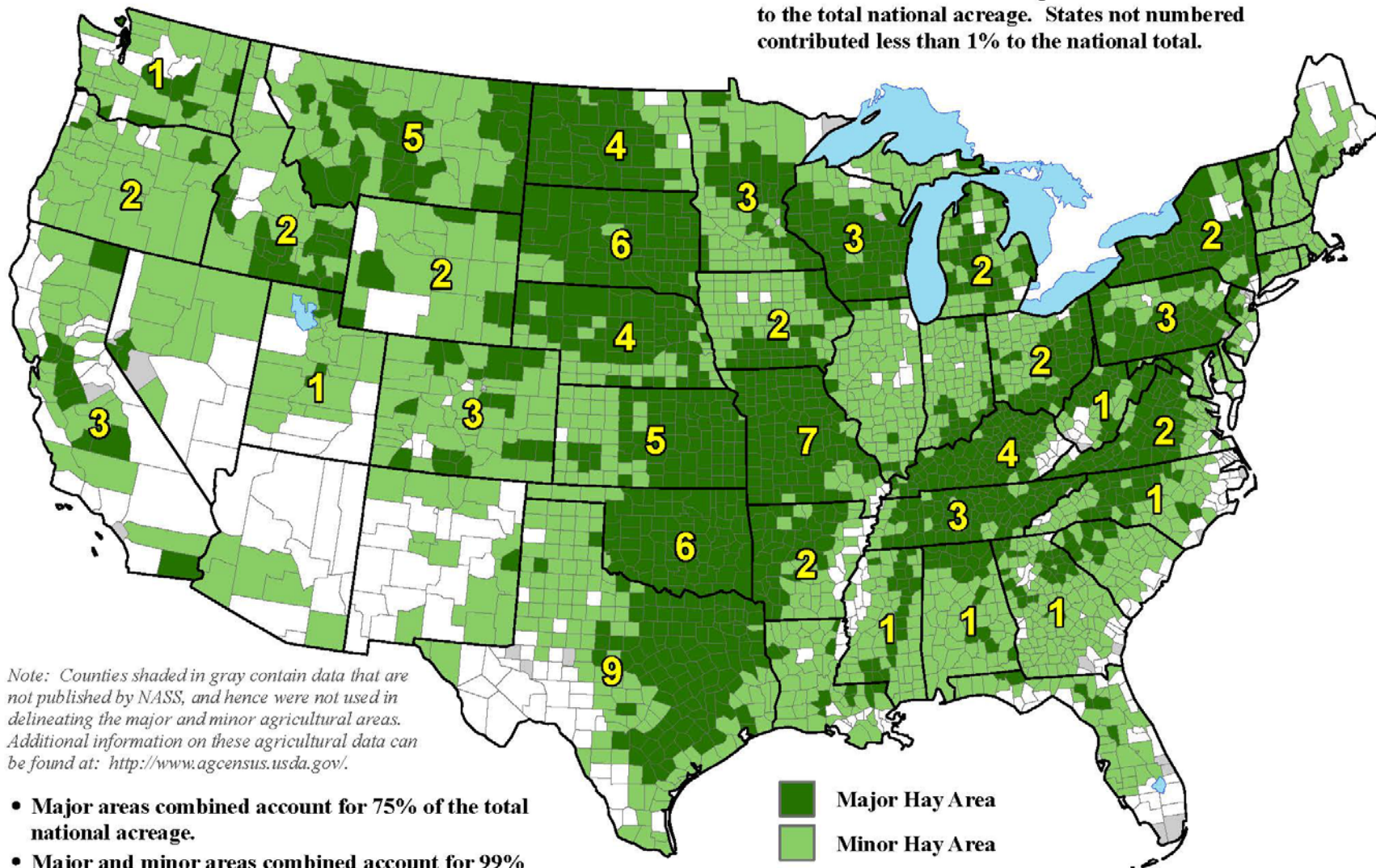
Yellow numbers indicate the percent each state contributed to the total national acreage. States not numbered contributed less than 1% to the national total.



- Major areas combined account for 75% of the total national acreage.
- Major and minor areas combined account for 99% of the total national acreage.
- Major and minor areas and state acreage percentages are derived from NASS 2007 Census of Agriculture data.

United States: Hay

Yellow numbers indicate the percent each state contributed to the total national acreage. States not numbered contributed less than 1% to the national total.



Note: Counties shaded in gray contain data that are not published by NASS, and hence were not used in delineating the major and minor agricultural areas. Additional information on these agricultural data can be found at: <http://www.agcensus.usda.gov/>.

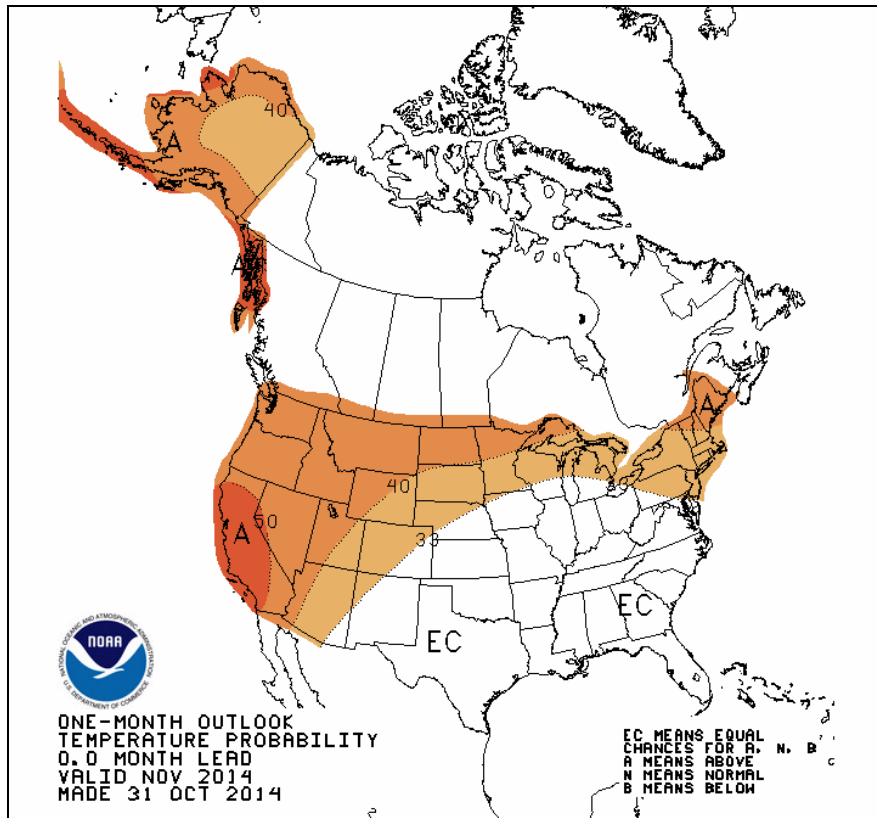
- Major areas combined account for 75% of the total national acreage.
- Major and minor areas combined account for 99% of the total national acreage.
- Major and minor areas and state acreage percentages are derived from NASS 2007 Census of Agriculture data.

Thank you!

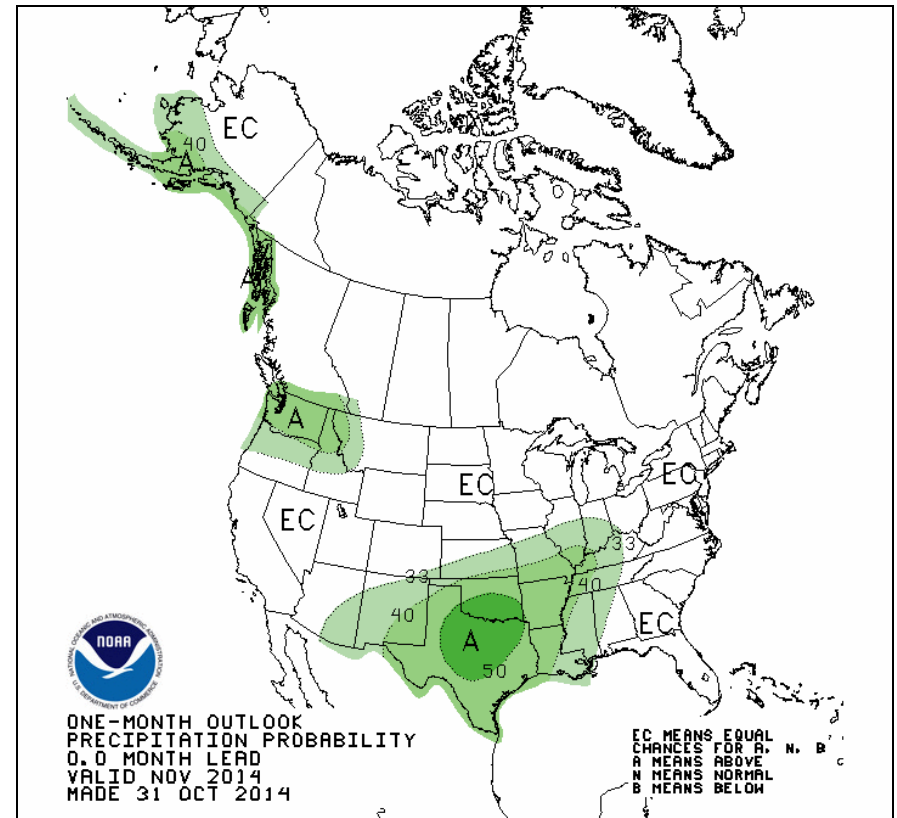
- Contact info

- e-mail: brippey@oce.usda.gov

- phone: (202) 720-2397



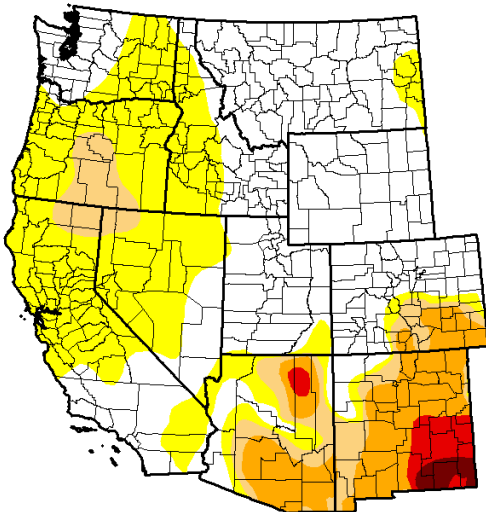
Nov. 2014 Temp Outlook



Nov. 2014 Precip Outlook

U.S. Drought Monitor West

December 27, 2011
(Released Thursday, Dec. 29, 2011)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	48.49	51.51	20.05	12.22	2.67	0.78
Last Week 12/20/2011	66.71	33.29	17.00	12.22	4.16	1.82
3 Months Ago 9/27/2011	66.72	33.28	19.04	14.99	9.30	3.81
Start of Calendar Year 1/4/2011	74.72	25.28	11.69	0.89	0.00	0.00
Start of Water Year 9/27/2011	66.72	33.28	19.04	14.99	9.30	3.81
One Year Ago 12/28/2010	79.27	20.73	4.91	1.31	0.29	0.00

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.

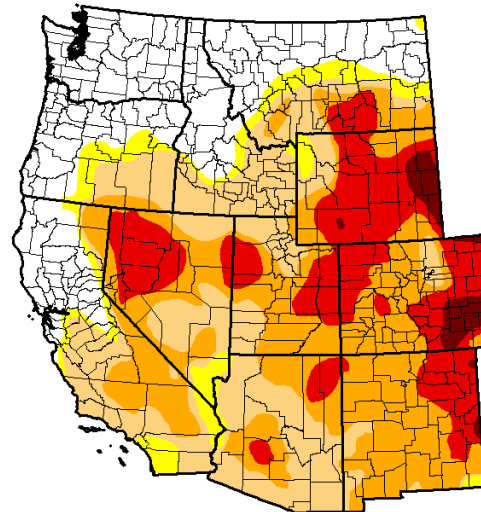
Author:
Brad Rippey
U.S. Department of Agriculture



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

U.S. Drought Monitor West

December 25, 2012
(Released Thursday, Dec. 27, 2012)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	24.28	75.72	69.42	45.80	18.83	2.15
Last Week 12/18/2012	24.28	75.72	69.42	45.92	18.83	2.15
3 Months Ago 9/25/2012	15.12	84.88	77.15	43.65	16.85	1.77
Start of Calendar Year 1/5/2012	50.20	49.80	28.05	11.84	2.67	0.78
Start of Water Year 9/25/2012	15.12	84.88	77.15	43.65	16.85	1.77
One Year Ago 12/27/2011	71.84	28.16	13.42	6.80	0.00	0.00

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.

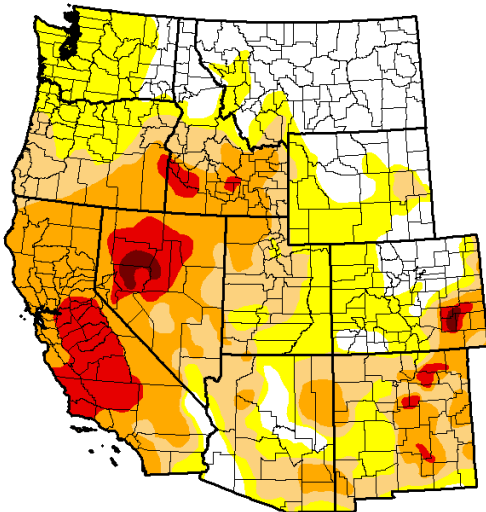
Author:
Richard Heim
NCCO/NOAA



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

U.S. Drought Monitor West

December 31, 2013
(Released Thursday, Jan. 2, 2014)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	22.20	77.80	51.44	31.11	7.75	0.63
Last Week 12/24/2013	22.20	77.80	51.15	30.75	7.62	0.63
3 Months Ago 10/1/2013	25.25	74.75	58.96	34.18	5.57	0.63
Start of Calendar Year 1/1/2013	24.39	75.61	69.31	45.04	18.01	2.15
Start of Water Year 10/1/2013	25.25	74.75	58.96	34.18	5.57	0.63
One Year Ago 1/1/2013	24.39	75.61	69.31	45.04	18.01	2.15

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.

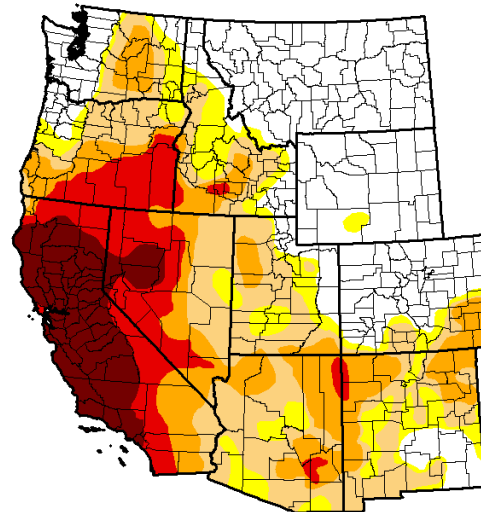
Author:
Matthew Rosenkrans
CPC/NCEP/NWS/NOAA



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

U.S. Drought Monitor West

October 28, 2014
(Released Thursday, Oct. 30, 2014)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	34.52	65.48	55.05	34.64	19.08	8.90
Last Week 10/22/2014	31.95	68.05	55.56	34.82	19.08	8.90
3 Months Ago 7/28/2014	27.73	72.27	60.93	44.49	21.68	8.98
Start of Calendar Year 1/5/2014	22.20	77.80	51.44	31.11	7.75	0.63
Start of Water Year 9/29/2014	31.48	68.52	55.57	35.65	19.95	8.90
One Year Ago 10/28/2013	27.90	72.10	53.62	32.25	5.34	0.63

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:
Brian Fuchs
National Drought Mitigation Center



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

- **U.S. Drought Monitor Usage by FSA**
- **Food, Conservation, and Energy Act of 2008 (“Farm Bill”) authorizes the Livestock Forage Disaster Program (LFP)**
 - **Grazing loss because of drought on owned or leased grazing land or pastureland that is physically located in a county experiencing:**
 - **D2 intensity for at least 8 consecutive weeks during normal grazing period will be eligible to receive an amount equal to 1 monthly payment**
 - **D3 intensity during the normal grazing period will be eligible to receive an amount equal to 2 monthly payments**
 - **D3 intensity for at least 4 weeks or a D4 intensity any time during the grazing period will be eligible to receive an amount equal to 3 monthly payments**

- 2008 “Farm Bill” Livestock Forage Disaster Program (LFP) Payouts (financial assistance to producers who suffered grazing losses due to drought or fire on or after January 1, 2008, and before October 1, 2011, during the calendar year in which the loss occurs):
 - 2008 calendar year: \$165,540,837
 - 2009 calendar year: \$ 98,739,950
 - 2010 calendar year: \$ 33,334,458
 - 2011 calendar year: \$180,950,088
 - **LFP total, 2008-11: \$478,565,333**