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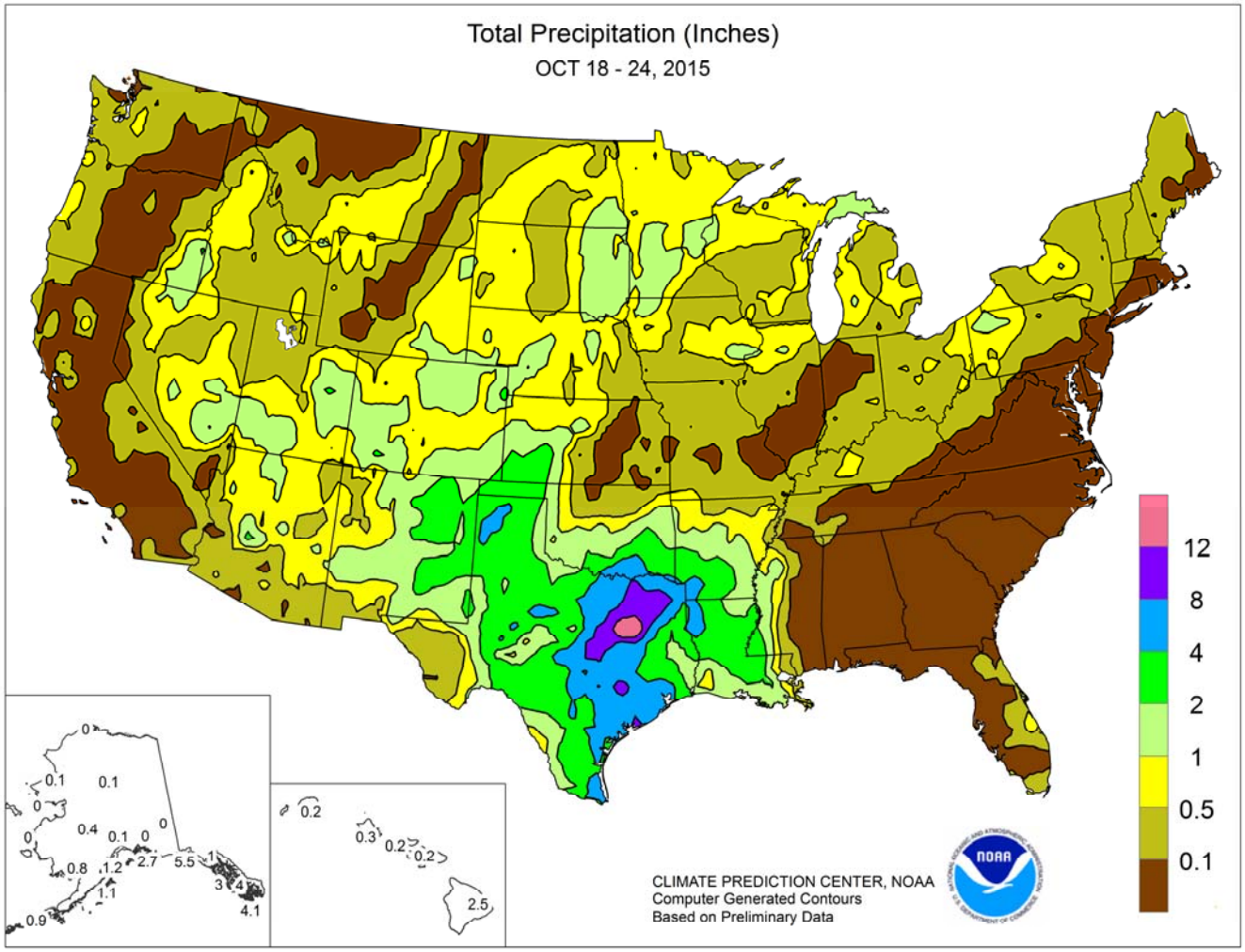
WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board



HIGHLIGHTS

October 18 – 24, 2015

Highlights provided by USDA/WAOB

A slow-moving storm that had first arrived in **California** on October 15 drifted eastward across the **southwestern and south-central U.S.**, generating heavy showers. Toward week's end, the storm lifted northward across the **Plains**, providing beneficial moisture for emerging winter wheat. However, rain mostly bypassed a few areas, including **eastern Kansas** and **north-central Oklahoma**. Prior to the rain's arrival, late-season warmth was concentrated across the **central U.S.**, where weekly temperatures averaged more than 10°F above normal in a

(Continued on page 5)

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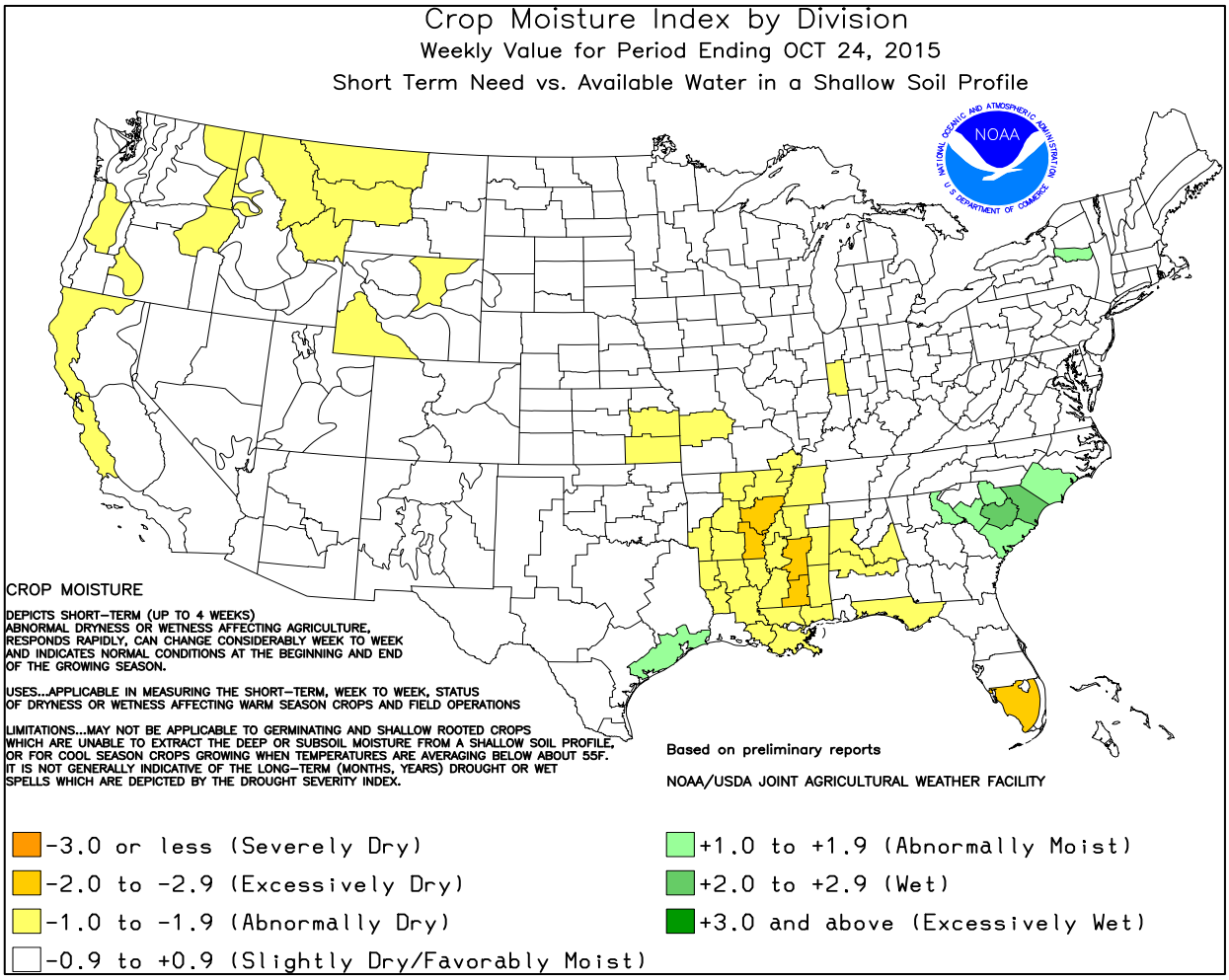
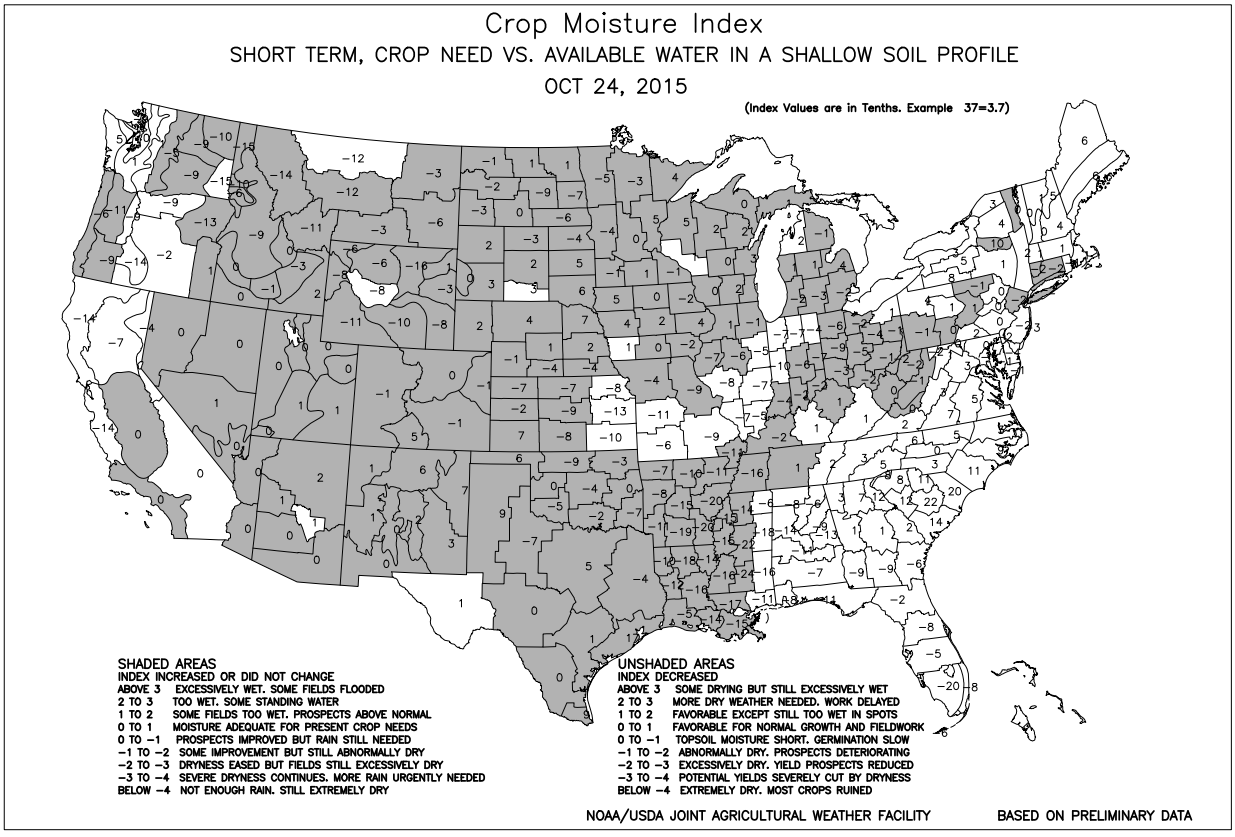
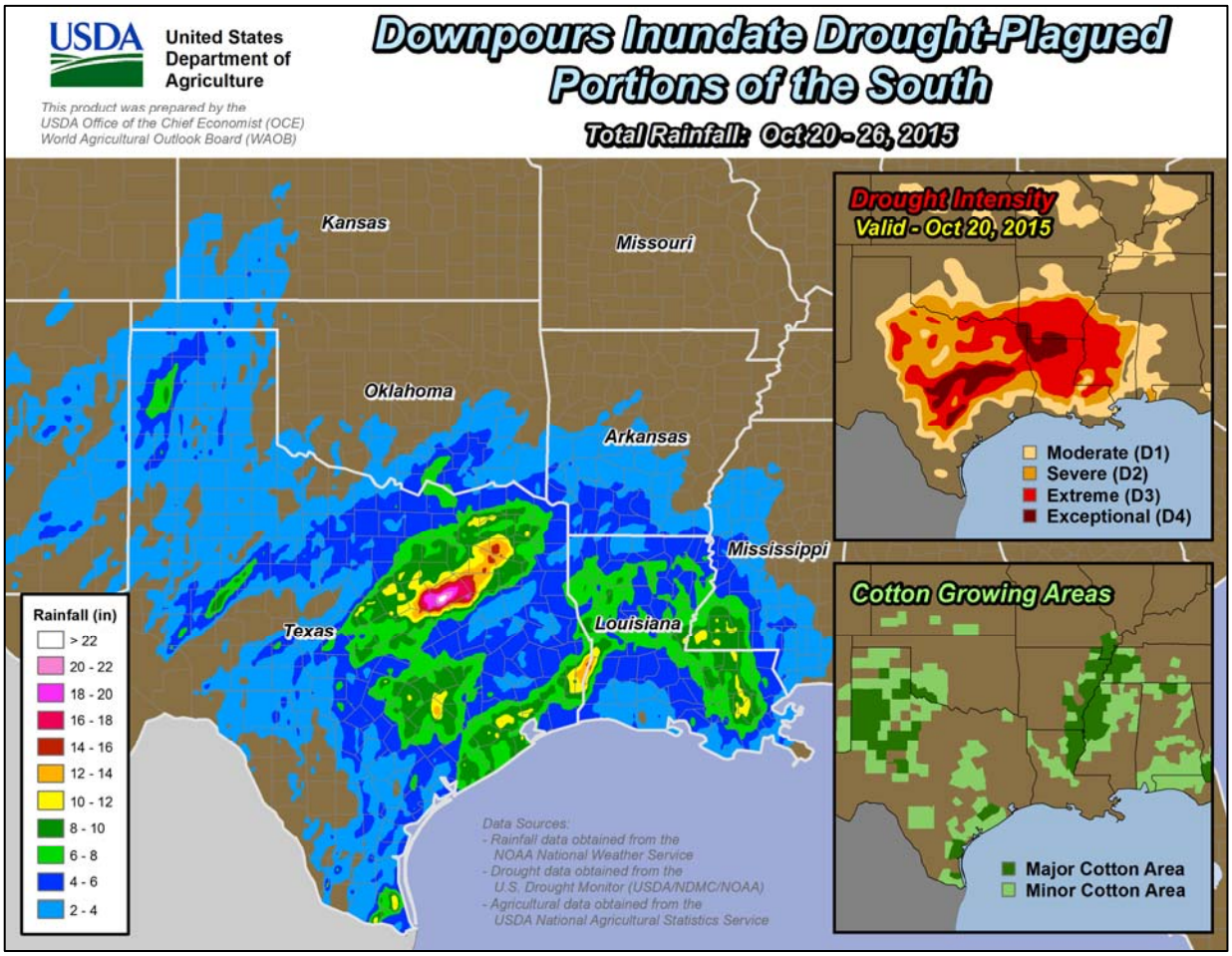
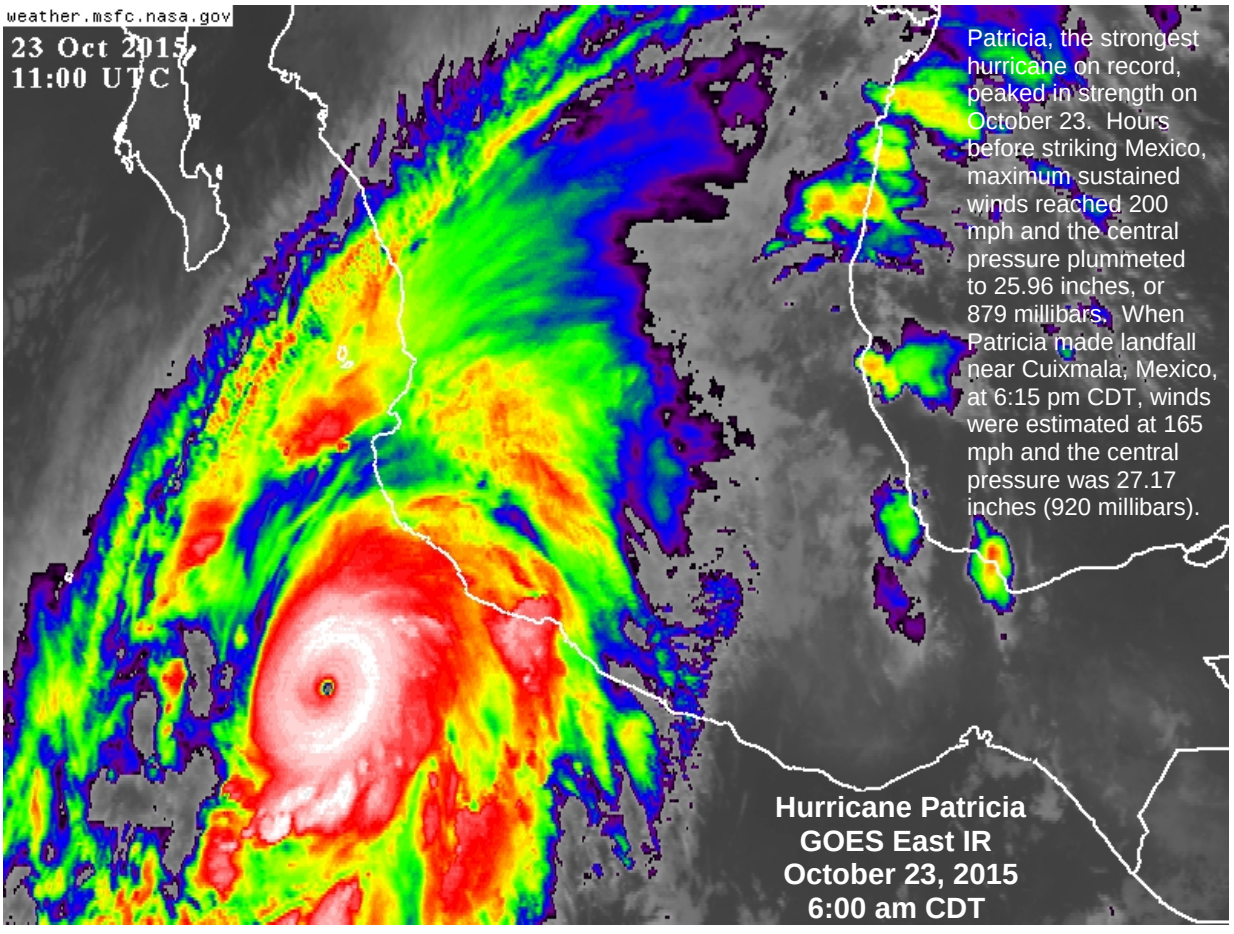
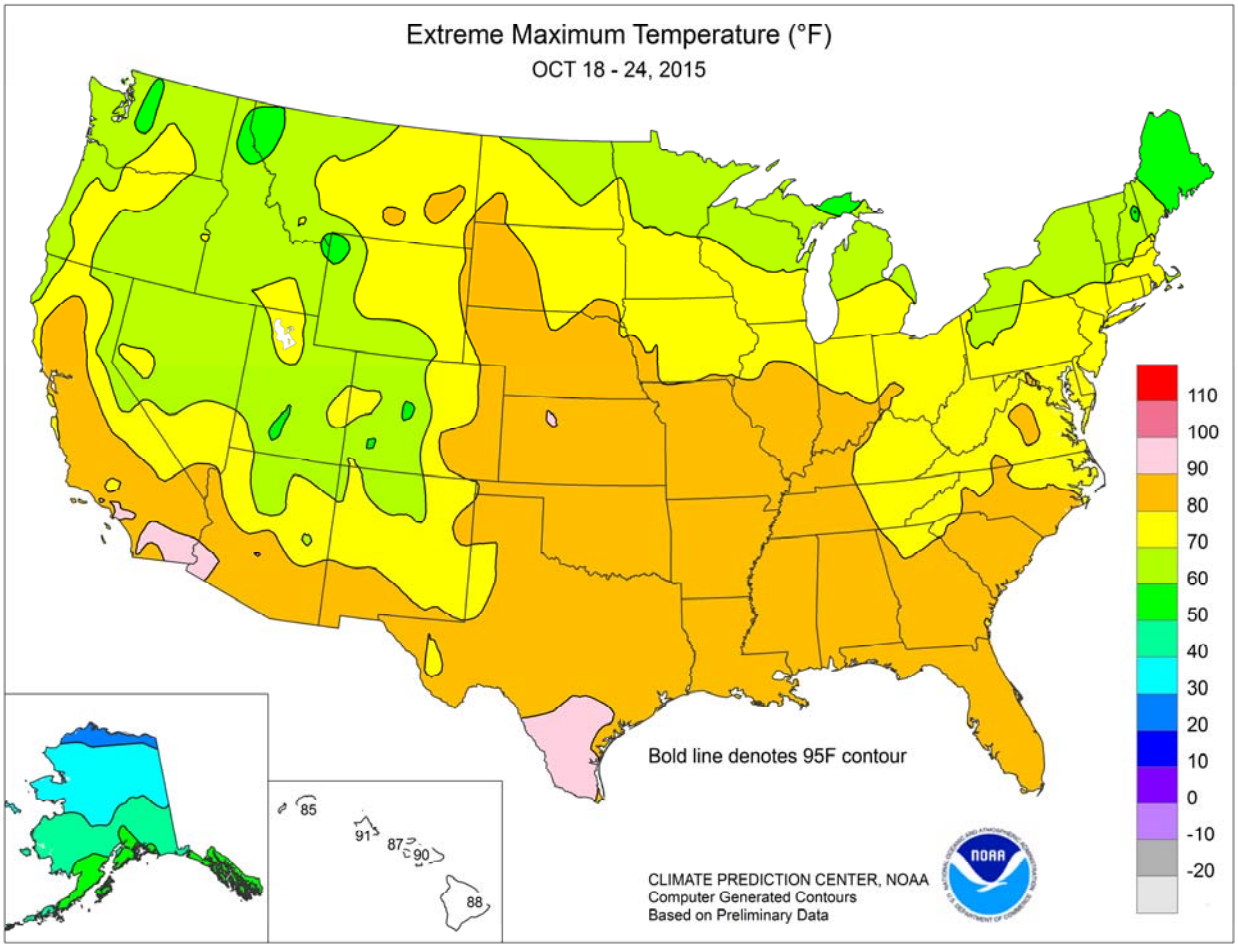
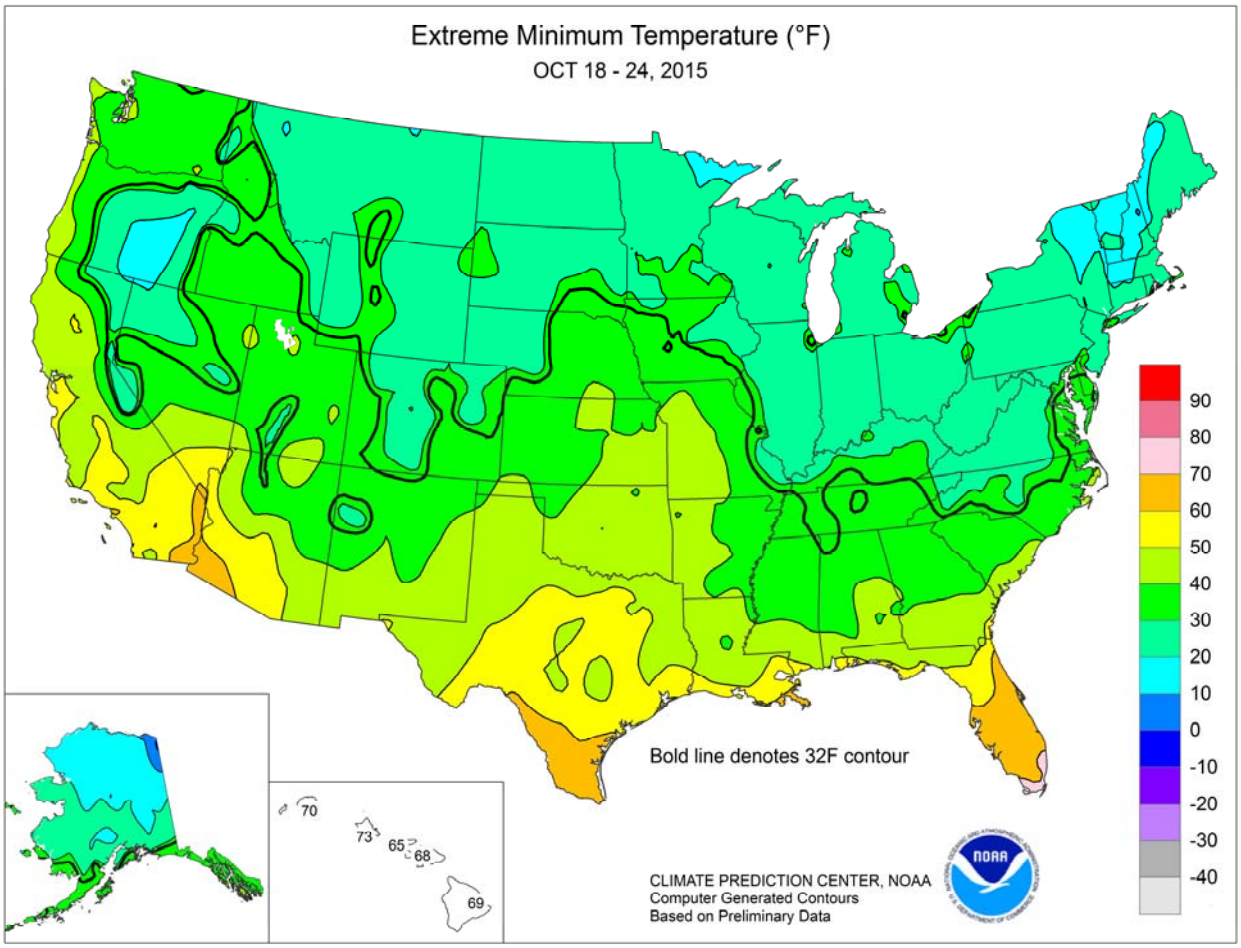

Crop Moisture Index by Division
Weekly Value for Period Ending OCT 24, 2015
Short Term Need vs. Available Water in a Shallow Soil Profile
NOAA
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES...APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS
LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A SHALLOW SOIL PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
Based on preliminary reports
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
-3.0 or less (Severely Dry)
-2.0 to -2.9 (Excessively Dry)
-1.0 to -1.9 (Abnormally Dry)
-0.9 to +0.9 (Slightly Dry/Favorably Moist)
+1.0 to +1.9 (Abnormally Moist)
+2.0 to +2.9 (Wet)
+3.0 and above (Excessively Wet)


Crop Moisture Index
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN A SHALLOW SOIL PROFILE
OCT 24, 2015
(Index Values are in Tenths. Example 37=3.7)
SHADED AREAS
INDEX INCREASED OR DID NOT CHANGE
ABOVE 3 EXCESSIVELY WET. SOME FIELDS FLOODED
2 TO 3 TOO WET. SOME STANDING WATER
1 TO 2 SOME FIELDS TOO WET. PROSPECTS ABOVE NORMAL
0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4 SEVERE DRYNESS CONTINUES. MORE RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN. STILL EXTREMELY DRY
UNSHADED AREAS
INDEX DECREASED
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT. GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY. PROSPECTS DETERIORATING
-2 TO -3 EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4 EXTREMELY DRY. MOST CROPS RUINED
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY DATA

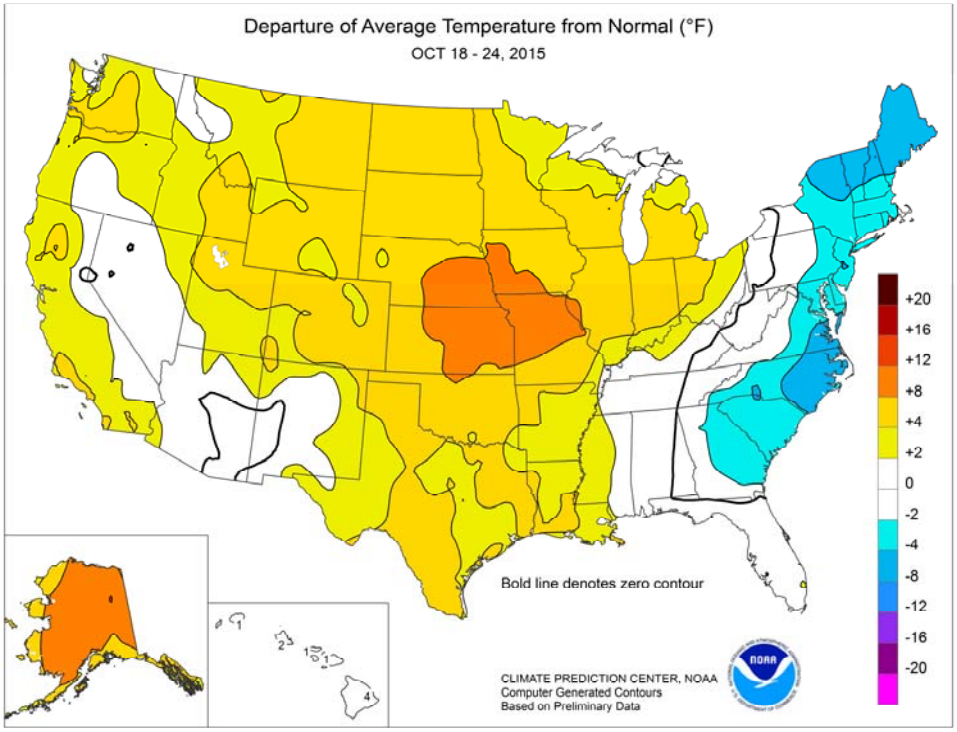

USDA
United States Department of Agriculture
This product was prepared by the USDA Office of the Chief Economist (OCE) World Agricultural Outlook Board (WAOB)
Downpours Inundate Drought-Plagued Portions of the South
Total Rainfall: Oct 20 - 26, 2015
Kansas
Missouri
Oklahoma
Arkansas
Mississippi
Texas
Louisiana
Rainfall (in)
> 22
20 - 22
18 - 20
16 - 18
14 - 16
12 - 14
10 - 12
8 - 10
6 - 8
4 - 6
2 - 4
Data Sources:
- Rainfall data obtained from the NOAA National Weather Service
- Drought data obtained from the U.S. Drought Monitor (USDA/NDMC/NOAA)
- Agricultural data obtained from the USDA National Agricultural Statistics Service
Drought Intensity
Valid - Oct 20, 2015
Moderate (D1)
Severe (D2)
Extreme (D3)
Exceptional (D4)
Cotton Growing Areas
Major Cotton Area
Minor Cotton Area


weather.msfc.nasa.gov
23 Oct 2015
11:00 UTC
Patricia, the strongest hurricane on record, peaked in strength on October 23. Hours before striking Mexico, maximum sustained winds reached 200 mph and the central pressure plummeted to 25.96 inches, or 879 millibars. When Patricia made landfall near Cuixmala, Mexico, at 6:15 pm CDT, winds were estimated at 165 mph and the central pressure was 27.17 inches (920 millibars).
Hurricane Patricia
GOES East IR
October 23, 2015
6:00 am CDT


Extreme Maximum Temperature (°F)
OCT 18 - 24, 2015
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
85
91
87
90
88
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
OCT 18 - 24, 2015
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
70
73
65
68
69
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

(Continued from front cover)



few locations. The storm's trailing cold front became infused with moisture from Patricia, the strongest hurricane on record. (Prior to reaching the **southwestern coast of Mexico** on October 23, Patricia's sustained winds peaked at 200 mph.) Due to the influx of tropical moisture, storm-total rainfall topped 20 inches at a few locations in **northeastern Texas**. Rainfall totaled 5 inches or more in a broader area covering much of **eastern Texas** and environs. Consequently, areas of the **South** that had received little rainfall in the last 4 months were suddenly deluged by flooding rains. In contrast, only light showers dotted the **Corn Belt**, while dry weather prevailed in the **Southeast**. As a result, harvest and winter wheat planting activities continued at a rapid pace, although rain slowed final harvest efforts in the **upper Midwest**. Elsewhere, mostly dry weather prevailed in the **Pacific Coast States** and gradually overspread the remainder of the **West**. Despite the recent boost in soil moisture in many areas of the **West**, long-term drought effects—such as below-average reservoir storage—persisted.

Very cool weather lingered early in the week across the eastern U.S., where record-setting lows for October 18 included 19°F in Montpelier, VT; 26°F in Parkersburg, WV; and 31°F in Danville, VA. Montpelier posted another daily-record low (17°F) on October 19. Other daily-record lows on October 19 dipped to 18°F in Massena, NY; 24°F in Worcester, MA; 29°F in Baltimore, MD; and 39°F in Alma, GA. In contrast, warmth expanded across the nation's mid-section. Daily-record highs for October 18 reached 86°F in Rapid City, SD, and 82°F in Dickinson, ND. Warmth also reached the Northwest, where Yakima, WA, collected a daily-record high (75°F on October 19). Late in the week, lingering warmth was mostly focused across the South, where Tampa, FL, logged a daily-record high (89°F) for October 23. In Mississippi, Greenwood registered consecutive daily-record highs of 87°F on October 22-23.

In the **Northeast**, snow showers accompanied the early-week cool spell. On October 18, a trace of snow was reported in locations such as **Bridgeport, CT**, and **Albany, NY**. **Bangor, ME**, received a trace of snow on October 19. Meanwhile, locally heavy precipitation continued to slowly expand across the **West**. In **Montana**, **Livingston** netted a daily-record sum (0.46 inch) for October 19. The following day, October 20, **Glasgow, MT**, noted a daily-record total of 0.67 inch. Farther south, significant rain spread across the **southwestern and south-central U.S. Roswell, NM**, registered a daily-record amount (1.83 inches) for October 20. In **northern Texas**, record-setting amounts for October 21 included 2.38 inches in **Borger** and 1.38 inches in **Dalhart**. From October 22-25, rainfall totals in **Texas** reached 11.68 inches in **Waco**; 7.70 inches in **College Station**; 7.60 inches in **Houston**; 7.57 inches in **Dallas-Ft. Worth**; and 7.55 inches in **Tyler** and **Austin (Bergstrom)**. **Waco** experienced its wettest 24-hour period on record, with 9.67 inches of rain falling on October 23-24. Previously, **Waco's** wettest 24-hour period had occurred on December 20, 1997, when 7.98 inches fell. **Waco** also reported its wettest October day (7.75 inches on October 23), eclipsing the record of 5.83 inches set on October 9, 2011. Farther east, **Shreveport, LA**, received 6.01 inches from October 23-26. Storm-total rainfall exceeded 20 inches at a few locations in **northeastern Texas**, including **Corsicana**. From October 23-25, **Corsicana** was inundated by 21.05 inches of rain, most (16.35 inches) of which fell on the 23rd.

Warmer-than-normal weather again blanketed **Alaska**, with weekly temperatures averaging at least 10°F above normal in several locations. **Annette Island** posted a daily record-tying high of 58°F on October 19, followed by 3.02 inches of rain the next day. **Alaskan** precipitation was generally light, except for some significant totals across the southeastern part of the state. In fact, **Ketchikan** posted a daily-record rainfall of 5.38 inches on October 20, and measured a weekly sum of 9.26 inches. Farther south, a warm, often dry weather pattern prevailed across **Hawaii**. Daily-record highs were tied in locations such as **Honolulu, Oahu** (91°F on October 19), and **Hilo**, on the **Big Island** (88°F on October 20). **Hilo's** wettest day during the week occurred on October 21, when 1.55 inches fell. Wetter days had occurred in **Hilo** on October 3 and 16, with respective totals of 4.89 and 3.23 inches.

National Weather Data for Selected Cities

Weather Data for the Week Ending October 24, 2015

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL	BIRMINGHAM	77	52	83	39	64	2	0.00	-0.66	0.00	1.95	30	44.02	100	81	38	0	0	0	0
	HUNTSVILLE	78	49	85	36	64	4	0.00	-0.73	0.00	2.43	35	44.10	96	78	38	0	0	0	0
	MOBILE	80	56	84	47	68	1	0.00	-0.62	0.00	9.88	117	56.95	103	89	53	0	0	0	0
	MONTGOMERY	80	51	87	43	66	2	0.00	-0.48	0.00	5.02	80	36.11	81	83	37	0	0	0	0
AK	ANCHORAGE	45	34	50	27	40	7	0.39	-0.04	0.30	9.42	205	16.73	123	94	84	0	3	2	0
	BARROW	23	19	27	15	21	8	0.02	-0.05	0.02	0.69	70	5.40	143	90	79	0	7	1	0
	FAIRBANKS	39	27	48	24	33	12	0.16	-0.03	0.14	4.38	245	12.34	142	89	80	0	7	2	0
	JUNEAU	49	44	51	39	46	5	2.21	0.36	0.66	17.88	126	69.68	152	93	88	0	0	6	3
	KODIAK	51	38	54	33	45	6	1.10	-0.74	0.52	11.91	82	59.45	100	95	84	0	0	7	1
	NOME	37	28	40	24	33	6	0.00	-0.33	0.00	3.31	88	13.55	97	89	82	0	5	0	0
AZ	FLAGSTAFF	56	36	60	32	46	0	1.15	0.74	0.75	4.78	134	23.19	124	99	62	0	2	5	1
	PHOENIX	84	65	92	61	75	2	0.32	0.15	0.32	1.42	108	6.58	102	76	44	2	0	1	0
	PRESCOTT	67	45	72	41	56	2	0.36	0.11	0.36	2.21	72	16.15	99	94	43	0	0	1	0
	TUCSON	80	58	87	53	69	0	0.91	0.65	0.74	3.91	162	12.03	118	82	45	0	0	2	1
AR	FORT SMITH	79	54	85	47	67	5	0.97	0.10	0.58	3.61	56	53.22	154	77	39	0	0	3	1
	LITTLE ROCK	77	53	86	44	65	3	0.96	0.02	0.61	1.10	16	39.96	102	84	41	0	0	2	1
CA	BAKERSFIELD	81	58	87	56	69	3	0.00	-0.06	0.00	0.14	50	2.80	56	66	46	0	0	0	0
	FRESNO	80	57	84	55	68	4	0.00	-0.15	0.00	0.55	87	4.21	49	76	54	0	0	0	0
	LOS ANGELES	78	65	89	63	71	4	0.02	-0.05	0.02	1.91	466	4.83	48	79	63	0	0	1	0
	REDDING	82	54	89	48	68	6	0.08	-0.46	0.05	0.73	42	7.55	32	65	40	0	0	2	0
	SACRAMENTO	82	53	87	49	67	3	0.00	-0.20	0.00	0.16	20	5.21	41	86	30	0	0	0	0
	SAN DIEGO	77	67	85	65	72	5	0.02	-0.07	0.02	1.69	423	7.49	92	74	60	0	0	1	0
	SAN FRANCISCO	72	56	79	53	64	3	0.00	-0.25	0.00	0.02	3	3.65	26	87	74	0	0	0	0
	STOCKTON	82	52	86	48	67	3	0.01	-0.18	0.01	0.24	32	3.14	32	78	47	0	0	1	0
CO	ALAMOSA	59	36	67	28	47	5	0.59	0.45	0.41	1.64	118	8.62	137	88	57	0	2	3	0
	CO SPRINGS	64	44	75	37	54	6	0.80	0.61	0.43	1.66	92	24.49	152	82	40	0	0	4	0
	DENVER INTL	65	43	80	35	54	5	1.57	1.40	0.79	1.87	110	15.46	124	79	44	0	0	3	2
	GRAND JUNCTION	63	45	71	38	54	3	1.12	0.90	0.88	2.35	141	10.57	141	93	70	0	0	4	1
	PUEBLO	71	44	85	39	58	7	0.61	0.47	0.31	0.66	53	15.69	140	76	43	0	0	3	0
CT	BRIDGEPORT	62	42	74	30	52	-2	0.00	-0.78	0.00	4.02	64	27.60	76	75	45	0	2	0	0
	HARTFORD	60	35	73	21	48	-3	0.00	-0.87	0.00	5.18	73	30.60	82	78	40	0	4	0	0
DC	WASHINGTON	66	45	76	37	55	-2	0.00	-0.68	0.00	4.54	72	37.45	115	80	43	0	0	0	0
DE	WILMINGTON	65	39	76	30	52	-2	0.00	-0.63	0.00	4.64	72	39.67	111	90	38	0	2	0	0
FL	DAYTONA BEACH	82	68	84	65	75	2	0.23	-0.70	0.23	6.10	59	37.39	87	83	55	0	0	1	0
	JACKSONVILLE	78	59	83	50	69	1	0.03	-0.69	0.03	8.80	77	39.99	85	95	63	0	0	1	0
	KEY WEST	85	77	86	76	81	1	0.02	-0.92	0.02	6.54	73	29.05	87	86	64	0	0	1	0
	MIAMI	85	74	86	71	79	1	1.85	0.50	1.34	14.38	107	44.41	86	83	60	0	0	6	1
	ORLANDO	84	66	86	63	75	0	0.07	-0.44	0.07	6.10	75	50.16	116	85	50	0	0	1	0
	PENSACOLA	77	62	80	56	70	2	0.00	-0.87	0.00	6.36	71	52.06	95	77	53	0	0	0	0
	TALLAHASSEE	84	60	88	54	72	4	0.00	-0.68	0.00	3.31	44	40.59	75	81	46	0	0	0	0
	TAMPA	86	68	89	66	77	2	0.00	-0.38	0.00	6.19	71	61.61	151	83	45	0	0	0	0
	WEST PALM BEACH	84	74	85	69	79	1	0.12	-1.01	0.06	9.32	75	40.20	78	74	57	0	0	2	0
GA	ATHENS	73	43	82	35	58	-3	0.00	-0.76	0.00	7.48	122	42.50	108	94	44	0	0	0	0
	ATLANTA	73	50	81	43	62	0	0.00	-0.63	0.00	5.73	88	47.14	113	77	47	0	0	0	0
	AUGUSTA	75	42	83	33	59	-3	0.00	-0.72	0.00	7.42	123	33.79	89	98	41	0	0	0	0
	COLUMBUS	77	51	83	45	64	-1	0.00	-0.48	0.00	2.51	53	35.89	91	85	38	0	0	0	0
	MACON	76	44	84	35	60	-3	0.00	-0.50	0.00	3.04	60	29.95	80	97	40	0	0	0	0
	SAVANNAH	77	51	84	42	64	-2	0.00	-0.66	0.00	4.07	54	40.22	92	89	47	0	0	0	0
HI	HILO	86	72	88	69	79	4	2.48	0.29	0.97	35.21	225	104.80	108	90	77	0	0	6	3
	HONOLULU	89	76	91	73	82	2	0.31	-0.21	0.16	5.22	229	16.52	132	78	68	3	0	2	0
	KAHULUI	88	70	90	68	79	1	0.21	-0.04	0.20	1.46	151	23.89	183	82	71	2	0	2	0
	LIHUE	84	74	85	70	79	1	0.24	-0.74	0.15	5.11	89	22.59	78	88	80	0	0	3	0
ID	BOISE	65	46	67	37	55	3	0.36	0.21	0.28	1.08	86	7.19	78	85	63	0	0	3	0
	LEWISTON	65	47	70	39	56	6	0.00	-0.21	0.00	0.72	50	6.83	67	75	59	0	0	0	0
	POCATELLO	63	41	72	35	52	5	0.41	0.21	0.23	1.83	117	8.75	87	92	67	0	0	2	0
IL	CHICAGO/O'HARE	68	48	75	33	58	7	1.14	0.53	0.37	5.85	112	29.48	98	68	49	0	0	4	0
	MOLINE	70	49	78	29	59	7	1.40	0.77	0.94	4.41	84	32.89	102	68	49	0	1	2	1
	PEORIA	74	50	83	32	62	10	0.33	-0.25	0.32	3.61	69	35.85	120	75	39	0	1	2	0
	ROCKFORD	68	46	76	28	57	7	0.46	-0.09	0.26	3.75	69	28.30	90	74	45	0	1	2	0
	SPRINGFIELD	75	49	82	27	62	8	0.14	-0.44	0.12	4.63	97	32.41	110	77	41	0	1	3	0
IN	EVANSVILLE	75	45	82	29	60	4	0.28	-0.32	0.28	1.54	31	39.09	109	86	41	0	1	1	0
	FORT WAYNE	69	43	77	26	56	5	0.11	-0.48	0.11	3.40	72	39.05	130	77	40	0	2	1	0
	INDIANAPOLIS	72	47	82	30	60	7	0.12	-0.49	0.12	1.96	40	38.13	114	72	37	0	1	1	0
	SOUTH BEND	68	44	78	28	56	5	0.19	-0.53	0.12	4.36	69	28.64	88	70	45	0	1	3	0
IA	BURLINGTON	71	50	79	31	60	6	0.32	-0.29	0.28	1.41	24	30.00	92	84	42	0	1	3	0
	CEDAR RAPIDS	67	46	77	30	57	6	1.39	0.92	0.64	6.43	130	32.07	110	88	51	0	1	4	2
	DES MOINES	69	52	80	38	60	8	0.52	-0.06	0.42	5.77	112	34.93	114	68	50	0	0	3	0
	DUBUQUE	66	45	74	29	56	7	0.69	0.16	0.27	4.72	87	27.57	90	74	52	0	1	3	0
	SIOUX CITY	69	44	79	34	57	8	0.64	0.22	0.62	3.77	95	27.51	117	77	51	0	0	3	1
	WATERLOO	66	43	79	29	55	6	0.69	0.14	0.36	3.28	68	28.51	97	86	51	0	1	2	0
KS	CONCORDIA	75	54	86	45	64	9	0.85	0.47	0.69	2.13	54	24.06	94	67	47	0	0	2	1
	DODGE CITY	72	49	86	37	61	5	1.92	1.61	1.81	3.60	128	23.29	115	83	45	0	0	2	1
	GOODLAND	71	43	83	32	57	6	0.76	0.54	0.74	2.17	115	18.91	104	87	55	0	1	2	1
	TOPEKA	77	55	84	41	66	10	0.16	-0.48	0.16	7.71	127	40.95	131	68	45	0	0	1	0

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending October 24, 2015

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	78	55	84	42	66	9	0.00	-0.52	0.00	2.80	57	35.11	131	71	42	0	0	0	0
KY	JACKSON	70	45	78	31	58	2	0.01	-0.67	0.01	3.68	60	49.45	123	81	38	0	1	1	0
	LEXINGTON	70	44	78	29	57	2	0.45	-0.13	0.45	4.74	92	48.03	127	81	45	0	2	1	0
	LOUISVILLE	73	49	82	37	61	4	0.48	-0.11	0.48	4.21	83	47.27	130	80	35	0	0	1	0
	PADUCAH	75	45	82	29	60	3	0.42	-0.32	0.42	1.46	24	41.88	106	88	37	0	1	1	0
LA	BATON ROUGE	83	59	87	45	71	4	2.12	1.30	2.12	4.33	56	51.72	99	88	46	0	0	1	1
	LAKE CHARLES	82	63	86	49	72	4	0.21	-0.59	0.21	5.91	65	51.87	110	87	54	0	0	1	0
	NEW ORLEANS	80	67	85	60	74	5	0.00	-0.61	0.00	2.72	35	49.11	92	75	56	0	0	0	0
	SHREVEPORT	80	60	86	50	70	4	2.80	1.79	2.21	2.87	44	47.72	117	76	47	0	0	2	2
ME	CARIBOU	45	26	54	21	36	-6	0.22	-0.44	0.16	5.03	91	27.50	91	83	57	0	7	3	0
	PORTLAND	55	35	66	23	45	-2	0.24	-0.76	0.18	7.77	118	34.54	97	85	47	0	3	3	0
MD	BALTIMORE	65	37	78	29	51	-3	0.00	-0.66	0.00	5.95	92	42.18	121	88	48	0	1	0	0
MA	BOSTON	58	41	73	31	50	-3	0.07	-0.78	0.07	4.55	72	27.34	81	74	42	0	1	1	0
	WORCESTER	54	37	71	24	46	-3	0.02	-1.03	0.01	4.85	62	31.57	79	80	44	0	3	2	0
MI	ALPENA	59	36	68	25	47	2	0.44	-0.06	0.23	2.43	53	17.08	71	88	59	0	4	5	0
	GRAND RAPIDS	66	43	72	29	54	5	1.03	0.47	0.48	3.91	60	25.55	84	87	47	0	1	4	0
	HOUGHTON LAKE	58	37	66	28	48	3	0.43	-0.07	0.22	4.50	93	21.02	88	87	64	0	3	4	0
	LANSING	65	43	74	29	54	6	0.46	-0.01	0.20	2.39	46	28.73	110	79	49	0	1	4	0
	MUSKEGON	62	44	69	30	53	4	0.87	0.26	0.40	3.83	69	26.94	103	78	55	0	1	4	0
	TRAVERSE CITY	61	42	70	34	52	4	0.49	-0.14	0.20	5.54	94	22.44	82	89	52	0	0	4	0
MN	DULUTH	55	37	68	25	46	4	0.77	0.27	0.64	7.89	129	25.04	91	86	61	0	1	4	1
	INT'L FALLS	55	32	70	19	43	3	1.15	0.75	0.89	2.78	60	19.26	90	89	56	0	2	3	1
	MINNEAPOLIS	64	44	76	35	54	7	1.18	0.72	0.94	6.16	146	28.20	109	82	50	0	0	2	1
	ROCHESTER	65	42	76	30	53	7	0.36	-0.11	0.25	3.25	68	28.44	102	80	49	0	1	2	0
	ST. CLOUD	61	37	73	27	49	5	0.87	0.37	0.84	3.71	80	27.33	112	94	46	0	2	2	1
MS	JACKSON	82	55	87	42	69	6	0.04	-0.72	0.04	1.11	20	37.70	85	76	35	0	0	1	0
	MERIDIAN	78	48	84	36	63	0	0.00	-0.69	0.00	3.60	59	39.29	83	91	44	0	0	0	0
	TUPELO	76	46	83	35	61	0	0.02	-0.71	0.01	1.38	24	53.94	123	88	45	0	0	2	0
MO	COLUMBIA	76	52	85	39	64	9	0.29	-0.41	0.29	1.50	26	33.86	101	73	40	0	0	1	0
	KANSAS CITY	75	55	84	48	65	9	0.09	-0.58	0.09	5.88	79	37.80	113	73	45	0	0	1	0
	SAINT LOUIS	77	54	86	36	66	9	0.02	-0.57	0.01	3.13	63	42.09	134	63	40	0	0	2	0
	SPRINGFIELD	75	54	82	47	65	8	0.28	-0.44	0.28	4.51	60	40.05	110	67	43	0	0	1	0
MT	BILLINGS	65	42	81	37	53	6	0.72	0.46	0.39	1.83	78	11.66	89	79	40	0	0	2	0
	BUTTE	57	31	65	22	44	4	0.26	0.09	0.21	2.76	163	9.57	84	92	41	0	4	3	0
	CUT BANK	60	31	66	27	46	4	0.00	-0.08	0.00	2.82	186	8.30	71	81	35	0	3	0	0
	GLASGOW	64	35	75	29	50	6	0.70	0.56	0.70	2.01	131	11.51	112	80	59	0	2	1	1
	GREAT FALLS	62	35	73	27	48	3	0.00	-0.19	0.00	4.94	256	13.00	97	81	33	0	2	0	0
	HAVRE	62	30	67	24	46	2	0.01	-0.10	0.01	2.68	177	11.16	108	90	55	0	4	1	0
	MISSOULA	56	32	67	26	44	1	0.20	0.03	0.19	0.89	53	7.04	61	93	75	0	4	2	0
NE	GRAND ISLAND	72	49	83	38	60	9	0.88	0.58	0.79	4.26	119	20.92	89	76	50	0	0	2	1
	LINCOLN	74	52	82	37	63	11	0.24	-0.15	0.13	5.16	116	34.51	135	69	47	0	0	3	0
	NORFOLK	71	46	81	36	58	8	0.54	0.18	0.48	3.47	97	22.87	95	76	49	0	0	4	0
	NORTH PLATTE	70	41	84	27	56	8	1.27	1.00	0.62	2.95	131	19.53	107	87	43	0	1	3	2
	OMAHA	72	52	82	41	62	10	0.49	0.04	0.47	9.80	198	36.63	135	68	47	0	0	3	0
	SCOTTSBLUFF	67	40	81	28	54	7	0.69	0.49	0.59	2.19	110	21.72	147	88	55	0	1	2	1
	VALENTINE	67	38	81	27	52	5	0.47	0.23	0.36	6.21	240	24.19	133	85	49	0	1	2	0
NV	ELY	58	33	66	28	45	1	0.95	0.73	0.88	2.34	138	7.32	85	92	68	0	4	2	1
	LAS VEGAS	79	61	81	59	70	3	0.14	0.11	0.13	1.18	268	4.24	116	58	35	0	0	2	0
	RENO	67	40	71	38	54	3	0.01	-0.07	0.01	1.02	144	5.42	96	74	50	0	0	1	0
	WINNEMUCCA	61	34	69	27	47	-1	0.52	0.38	0.36	1.20	125	7.57	117	95	66	0	4	2	0
NH	CONCORD	55	32	69	19	44	-3	0.21	-0.57	0.15	6.36	111	29.71	99	90	46	0	4	3	0
NJ	NEWARK	65	42	77	31	53	-2	0.00	-0.66	0.00	4.21	66	31.89	84	69	41	0	1	0	0
NM	ALBUQUERQUE	67	49	76	42	58	2	0.65	0.43	0.58	1.95	107	9.74	120	83	47	0	0	3	1
NY	ALBANY	55	35	66	23	45	-3	0.25	-0.46	0.09	7.89	138	31.03	99	85	47	0	4	4	0
	BINGHAMTON	55	37	68	26	46	-1	0.49	-0.14	0.44	3.40	58	34.92	111	74	51	0	4	2	0
	BUFFALO	59	42	66	30	51	1	0.52	-0.17	0.30	6.44	104	30.92	97	83	45	0	2	4	0
	ROCHESTER	58	41	68	30	50	1	0.37	-0.18	0.25	5.80	107	31.94	115	76	53	0	2	3	0
	SYRACUSE	56	38	66	28	47	-2	0.79	0.13	0.53	7.83	118	35.35	109	90	55	0	4	6	1
NC	ASHEVILLE	68	35	77	29	52	-2	0.00	-0.70	0.00	9.07	150	35.16	90	89	36	0	2	0	0
	CHARLOTTE	71	41	82	34	56	-4	0.00	-0.80	0.00	5.75	87	28.68	79	82	32	0	0	0	0
	GREENSBORO	71	41	80	32	56	-1	0.00	-0.67	0.00	7.13	102	32.34	89	85	32	0	1	0	0
	HATTERAS	68	55	78	50	62	-3	0.00	-1.19	0.00	19.23	198	55.93	119	89	56	0	0	0	0
	RALEIGH	70	40	79	32	55	-4	0.00	-0.65	0.00	8.33	122	42.35	116	93	38	0	1	0	0
	WILMINGTON	73	47	82	38	60	-4	0.00	-0.59	0.00	19.41	203	59.35	120	95	43	0	0	0	0
ND	BISMARCK	65	36	75	26	51	7	0.30	0.03	0.18	1.06	40	16.24	105	79	40	0	2	2	0
	DICKINSON	65	33	82	27	49	5	0.70	0.42	0.61	1.11	41	10.89	72	86	36	0	3	3	1
	FARGO	65	41	73	29	53	9	0.95	0.52	0.95	2.27	61	19.21	100	74	41	0	1	1	1
	GRAND FORKS	63	36	76	29	50	7	0.60	0.23	0.56	1.88	57	18.68	106	84	40	0	1	2	1
	JAMESTOWN	62	38	69	29	50	6	0.43	0.14	0.37	1.07	38	21.06	124	83	42	0	1	3	0
	WILLISTON	63	33	72	27	48	6	0.16	-0.01	0.12	2.91	142	10.76	84	84	56	0	4	2	0
OH	AKRON-CANTON	65	42	72	29	54	4	0.55	0.03	0.55	5.05	94	34.37	108	75	44	0	2	1	1
	CINCINNATI	71	45	80	28	58	4	0.30	-0.37	0.30	2.92	59	35.16	100	83	45	0	2	1	0
	CLEVELAND	65	45	73	30	55	4	0.17	-0.40	0.17	5.97	102	34.40	109	71	41	0	2	1	0
	COLUMBUS	68	45	78	28	56	3	0.35	-0.13	0.35	3.90	85	35.75	113	79	40	0	1	1	0
	DAYTON	70	46	81	25	58	6	0.14	-0.47	0.14	1.29	28	31.02	96	78	41	0	1	1	0
	MANSFIELD	66	43	73	30	54	4	0.64	0.05	0.62	3.53	66	33.52	95	82	36	0	2	2	1

Based on 1971-2000 normals ***** Not Available**

Weather Data for the Week Ending October 24, 2015

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	67	43	76	27	55	4	0.29	-0.22	0.29	1.92	42	30.26	111	73	41	0	1	1	0
	YOUNGSTOWN	63	41	71	28	52	2	0.95	0.47	0.89	5.88	100	36.85	117	77	49	0	2	3	1
OK	OKLAHOMA CITY	76	56	83	49	66	5	1.35	0.58	1.33	2.57	37	45.47	146	78	47	0	0	2	1
	TULSA	78	56	84	45	67	6	0.37	-0.48	0.32	3.64	45	45.39	127	78	51	0	0	2	0
OR	ASTORIA	63	50	65	42	56	4	0.73	-0.61	0.43	4.31	70	33.43	76	93	84	0	0	3	0
	BURNS	64	28	68	12	46	3	0.00	-0.15	0.00	0.62	65	5.40	68	77	51	0	4	0	0
	EUGENE	65	45	72	33	55	4	0.31	-0.49	0.30	1.29	38	13.94	43	94	81	0	0	2	0
	MEDFORD	68	46	75	36	57	3	0.20	-0.10	0.20	0.48	31	7.94	66	91	52	0	0	1	0
	PENDLETON	65	43	70	37	54	3	0.03	-0.19	0.03	0.88	71	5.89	64	77	59	0	0	1	0
	PORTLAND	66	50	69	42	58	5	0.04	-0.63	0.04	1.67	48	17.37	70	92	75	0	0	1	0
	SALEM	66	46	72	38	56	4	0.16	-0.56	0.16	1.53	47	17.50	67	90	76	0	0	1	0
PA	ALLENTOWN	63	36	77	25	50	-1	0.00	-0.69	0.00	5.96	86	33.16	89	81	39	0	2	0	0
	ERIE	62	46	72	33	54	2	0.40	-0.45	0.21	6.58	84	30.28	88	68	43	0	0	2	0
	MIDDLETOWN	65	39	78	31	52	-1	0.00	-0.61	0.00	10.16	177	34.78	105	86	40	0	1	0	0
	PHILADELPHIA	66	44	78	35	55	-1	0.00	-0.55	0.00	8.67	143	38.86	111	74	40	0	0	0	0
	PITTSBURGH	64	42	72	28	53	2	0.50	0.04	0.39	6.80	138	34.55	110	83	41	0	2	2	0
	WILKES-BARRE	61	38	76	26	50	0	0.01	-0.62	0.01	3.76	60	24.93	80	73	37	0	2	1	0
	WILLIAMSPORT	63	37	76	29	50	0	0.36	-0.30	0.36	4.70	73	32.96	96	83	50	0	2	1	0
RI	PROVIDENCE	60	42	74	30	51	-1	0.00	-0.83	0.00	4.52	71	31.92	87	78	42	0	2	0	0
SC	BEAUFORT	75	53	83	46	64	-2	0.00	-0.64	0.00	7.12	93	43.20	99	90	46	0	0	0	0
	CHARLESTON	75	50	83	42	63	-2	0.00	-0.61	0.00	20.31	237	62.16	138	90	45	0	0	0	0
	COLUMBIA	74	44	83	35	59	-3	0.00	-0.63	0.00	18.75	305	49.80	121	86	40	0	0	0	0
	GREENVILLE	70	42	80	35	56	-3	0.00	-0.85	0.00	12.68	182	41.29	99	90	40	0	0	0	0
SD	ABERDEEN	66	38	76	24	52	6	1.59	1.23	1.22	1.99	64	19.32	103	80	47	0	2	2	1
	HURON	67	39	76	31	53	6	1.48	1.14	0.77	3.68	121	22.89	119	87	44	0	1	2	2
	RAPID CITY	67	37	86	29	52	5	0.64	0.34	0.48	1.56	74	24.14	158	83	35	0	2	2	0
	SIOUX FALLS	66	42	79	30	54	7	2.69	2.28	2.62	5.93	145	27.56	123	83	53	0	1	2	1
TN	BRISTOL	70	36	79	28	53	-1	0.00	-0.47	0.00	5.65	116	34.82	101	98	33	0	3	0	0
	CHATTANOOGA	72	45	79	38	59	0	0.00	-0.67	0.00	7.30	108	47.98	109	91	46	0	0	0	0
	KNOXVILLE	70	42	77	35	56	-1	0.00	-0.55	0.00	4.01	80	36.93	94	91	40	0	0	0	0
	MEMPHIS	78	56	83	44	67	4	0.06	-0.65	0.04	1.41	25	35.37	84	69	39	0	0	2	0
	NASHVILLE	75	47	82	34	61	2	0.03	-0.56	0.03	3.83	67	38.27	100	83	35	0	0	1	0
TX	ABILENE	78	59	84	53	69	4	5.45	4.81	3.23	6.58	125	31.74	154	76	58	0	0	4	2
	AMARILLO	72	52	80	43	62	5	1.87	1.54	1.08	3.39	112	32.10	178	87	47	0	0	3	2
	AUSTIN	84	59	88	44	71	2	6.98	6.07	5.16	10.63	178	40.20	146	83	61	0	0	3	2
	BEAUMONT	81	67	86	55	74	5	0.40	-0.58	0.39	6.21	63	53.68	110	88	60	0	0	2	0
	BROWNSVILLE	85	71	89	63	78	4	4.43	3.66	3.47	10.97	128	38.02	157	92	69	0	0	4	2
	CORPUS CHRISTI	83	69	87	65	76	3	2.75	1.92	2.12	5.28	63	41.29	147	92	70	0	0	4	1
	DEL RIO	83	67	85	62	75	5	2.09	1.67	1.96	5.59	151	26.22	162	86	71	0	0	3	1
	EL PASO	78	57	86	51	68	4	0.44	0.30	0.30	2.31	99	9.48	116	80	39	0	0	4	0
	FORT WORTH	79	61	86	54	70	4	7.64	6.69	3.65	9.78	175	46.72	163	75	49	0	0	3	3
	GALVESTON	81	73	84	65	77	4	3.89	3.20	3.28	15.04	175	46.61	129	86	67	0	0	2	2
	HOUSTON	82	63	86	51	73	4	5.57	4.55	5.52	8.16	106	53.55	138	87	61	0	0	4	1
	LUBBOCK	73	53	80	42	63	3	2.14	1.80	1.89	4.26	106	26.56	156	87	64	0	0	3	1
	MIDLAND	75	58	82	50	66	3	2.48	2.13	2.21	5.59	146	19.62	148	81	64	0	0	3	1
	SAN ANGELO	80	59	87	54	69	5	1.24	0.70	0.70	2.52	50	22.77	124	82	58	0	0	3	2
	SAN ANTONIO	86	65	91	55	75	5	4.45	3.57	4.07	6.79	114	36.83	134	84	50	2	0	4	1
	VICTORIA	85	64	91	51	75	4	4.59	3.69	3.86	9.11	107	49.40	144	97	64	1	0	3	2
	WACO	81	60	86	50	70	2	7.94	7.13	4.72	8.27	142	36.44	134	78	59	0	0	3	2
	WICHITA FALLS	79	57	86	47	68	4	1.48	0.79	1.46	3.09	54	36.66	147	77	51	0	0	2	1
UT	SALT LAKE CITY	67	48	76	44	58	7	0.09	-0.24	0.09	2.27	90	13.42	99	81	43	0	0	1	0
VT	BURLINGTON	53	34	70	22	43	-3	0.23	-0.43	0.12	6.13	99	30.90	103	81	44	0	4	4	0
VA	LYNCHBURG	68	40	77	27	54	-1	0.00	-0.72	0.00	9.54	145	34.28	95	83	39	0	3	0	0
	NORFOLK	67	47	79	38	57	-3	0.00	-0.75	0.00	8.24	122	41.36	106	82	38	0	0	0	0
	RICHMOND	68	40	79	33	54	-3	0.00	-0.78	0.00	5.88	86	38.58	104	87	41	0	0	0	0
	ROANOKE	70	42	81	29	56	1	0.00	-0.66	0.00	11.53	183	42.94	120	82	40	0	2	0	0
	WASH/DULLES	67	36	80	27	52	-2	0.00	-0.74	0.00	4.14	64	31.44	91	88	39	0	2	0	0
WA	OLYMPIA	62	44	66	37	53	4	0.10	-0.89	0.04	2.44	53	26.06	79	96	86	0	0	4	0
	QUILLAYUTE	62	46	65	40	54	5	0.25	-2.12	0.12	9.60	90	56.23	81	97	90	0	0	4	0
	SEATTLE-TACOMA	60	50	64	45	55	3	0.16	-0.59	0.15	2.76	76	22.37	92	93	84	0	0	2	0
	SPOKANE	59	40	63	36	50	4	0.01	-0.22	0.01	0.75	54	7.96	68	90	54	0	0	1	0
	YAKIMA	68	43	75	35	55	8	0.22	0.11	0.22	0.27	39	4.57	82	81	54	0	0	1	0
WV	BECKLEY	66	40	76	27	53	1	0.00	-0.55	0.00	4.43	84	41.51	118	80	43	0	2	0	0
	CHARLESTON	70	39	78	29	55	1	0.00	-0.56	0.00	3.92	72	40.34	111	93	37	0	2	0	0
	ELKINS	67	31	74	22	49	0	0.00	-0.61	0.00	3.47	58	40.91	106	89	33	0	4	0	0
	HUNTINGTON	68	40	78	28	54	0	0.02	-0.58	0.02	5.56	116	40.36	116	97	44	0	2	1	0
WI	EAU CLAIRE	62	40	72	24	51	5	0.42	-0.05	0.25	6.31	115	33.87	118	94	44	0	1	2	0
	GREEN BAY	62	40	69	24	51	5	0.74	0.28	0.37	7.15	151	23.36	94	89	56	0	1	3	0
	LA CROSSE	67	44	79	30	56	7	0.22	-0.22	0.17	3.00	59	25.72	90	85	39	0	1	2	0
	MADISON	66	44	72	27	55	7	1.09	0.62	0.73	7.08	150	30.07	106	80	50	0	1	2	1
	MILWAUKEE	65	48	73	33	57	7	0.33	-0.21	0.30	4.92	95	22.68	77	69	50	0	0	2	0
WY	CASPER	62	36	75	29	49	4	0.57	0.33	0.44	0.89	48	11.29	100	76	48	0	3	3	0
	CHEYENNE	60	39	74	30	49	5	1.32	1.18	0.73	1.96	97	15.85	112	85	54	0	1	4	1
	LANDER	63	39	76	32	51	6	0.01	-0.28	0.01	1.05	48	13.46	117	73	32	0	1	1	0
	SHERIDAN	66	33	79	26	50	6	0.02	-0.28	0.02	1.44	58	14.93	115	78	43	0	3	1	0

Based on 1971-2000 normals

***** Not Available**

National Agricultural Summary

October 19 – 25, 2015

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Weekly temperatures were above normal across most of the U.S., with some areas in the lower Missouri River Valley averaging more than 10°F above normal. A major exception to this trend occurred along the Atlantic Coast, where temperatures were slightly below normal. Weekly precipitation was mostly near normal across the nation, with the exception of Texas. Heavy rainfall was reported across most of Texas, with isolated areas recording more than 20 inches of precipitation.

Corn: Nationwide corn harvest progress advanced to 75 percent complete by week's end, 31 percentage points ahead of last year and 7 points ahead of the 5-year average. Warm weather across the Corn Belt facilitated rapid harvest progress, including an advance of 27 percentage points during the week in North Dakota and 23 points in Minnesota.

Soybeans: By October 25, producers had harvested 87 percent of this year's soybean crop, 19 percentage points ahead of last year and 7 points ahead of the 5-year average. Harvest progress remained ahead of historical trends in all estimating states except Mississippi and Nebraska.

Winter Wheat: By week's end, 83 percent of the 2016 winter wheat crop was sown, equal to last year but 2 percentage points behind of the 5-year average. Nationally, 62 percent of the winter wheat had emerged by October 25, three percentage points behind last year but equal to the 5-year average. Emergence advanced at least 20 percentage points during the week in Colorado, Illinois, and Indiana. Overall, 47 percent of the winter wheat was reported in good to excellent condition, compared with 59 percent at the same time last year.

Cotton: Ninety-five percent of the nation's cotton was at or beyond the boll-opening stage by October 25, five percentage points ahead of last year and slightly ahead of the 5-year average. Producers had harvested 42 percent of this year's crop by week's end, 2 percentage points ahead of last year but slightly behind the 5-year average. Widespread rain delayed cotton harvest in Texas. Some cotton fields in parts of the Trans-Pecos region suffered damage due to hail storms, while in portions of the Southern Low Plains, producers sprayed fields with boll opener and desiccants. Overall, 47 percent of the cotton was reported in good to excellent condition, up slightly from last week but slightly below the same time last year.

Sorghum: By week's end, 95 percent of the sorghum crop was mature, 5 percentage points ahead of last year and 3 points ahead of the 5-year average. The nation's sorghum harvest was 71 percent complete, 16 percentage points ahead of last year and 10 points ahead of the 5-year average.

Other Crops: By October 25, peanut producers had harvested 58 percent of this year's crop. This was 5 percentage points behind last year and 9 points behind the 5-year average. Harvest progress advanced by 22 percentage points during the week in North Carolina and 20 points in Virginia.

By week's end, 86 percent of the sugarbeet crop was harvested, equal to last year but 5 percentage points ahead of the 5-year average. The harvest pace increased in Michigan, but producers reported lower-than-desired sugar content due to damage from cercospora leaf spot.

Sunflower producers had harvested 54 percent of the Nation's crop by October 25. This was 27 percentage points ahead of last year and 10 points ahead of the 5-year average. Harvest progress advanced by more than 20 percentage points in both North Dakota and South Dakota.

Crop Progress and Condition

Week Ending October 25, 2015

Weekly U.S. Progress and Condition Data provided by USDA/NASS

Corn Percent Harvested

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
CO	42	25	31	57
IL	57	85	93	79
IN	42	64	82	63
IA	34	52	73	68
KS	76	85	91	86
KY	81	87	92	87
MI	19	30	47	40
MN	37	58	81	67
MO	67	89	94	84
NE	38	40	57	62
NC	92	91	95	96
ND	20	37	64	55
OH	34	55	76	46
PA	37	53	63	49
SD	32	39	60	63
TN	93	93	96	94
TX	77	75	77	90
WI	19	27	47	47
18 Sts	44	59	75	68

These 18 States harvested 94% of last year's corn acreage.

Soybeans Percent Harvested

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
AR	75	66	82	72
IL	59	85	93	82
IN	47	80	91	73
IA	78	83	92	90
KS	49	51	70	69
KY	38	50	68	57
LA	96	93	97	96
MI	41	66	82	69
MN	93	97	99	96
MS	87	85	90	92
MO	43	50	67	60
NE	84	79	90	92
NC	20	14	26	19
ND	92	94	98	90
OH	48	85	93	67
SD	95	90	96	94
TN	46	51	69	57
WI	57	73	89	80
18 Sts	68	77	87	80

These 18 States harvested 92% of last year's soybean acreage.

Sugarbeets Percent Harvested

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
ID	65	41	62	65
MI	49	35	53	40
MN	100	99	100	93
ND	100	99	100	95
4 Sts	86	79	86	81

These 4 States harvested 84% of last year's sugarbeet acreage.

Sunflowers Percent Harvested

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
CO	25	46	63	50
KS	23	26	40	41
ND	29	31	52	41
SD	26	34	58	50
4 Sts	27	33	54	44

These 4 States harvested 84% of last year's sunflower acreage.

Cotton Percent Bolls Opening

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
AL	95	92	94	95
AZ	100	100	100	100
AR	98	98	100	99
CA	99	95	98	97
GA	99	95	97	96
KS	86	67	77	91
LA	100	100	100	100
MS	98	99	100	99
MO	91	99	100	94
NC	97	96	99	97
OK	96	94	95	93
SC	96	96	97	93
TN	96	93	99	95
TX	85	92	93	91
VA	96	98	99	98
15 Sts	90	94	95	94

These 15 States planted 99% of last year's cotton acreage.

Cotton Percent Harvested

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
AL	51	48	57	45
AZ	34	30	35	31
AR	61	58	75	74
CA	76	35	50	49
GA	42	19	32	38
KS	5	11	13	11
LA	87	82	92	93
MS	68	69	83	79
MO	45	39	60	61
NC	32	15	26	37
OK	14	5	20	24
SC	47	19	21	40
TN	34	23	49	53
TX	29	28	37	34
VA	21	17	36	43
15 Sts	40	31	42	43

These 15 States harvested 99% of last year's cotton acreage.

Cotton Condition by Percent

	VP	P	F	G	EX
AL	0	4	30	58	8
AZ	4	5	18	36	37
AR	4	2	23	39	32
CA	0	0	15	25	60
GA	1	7	25	51	16
KS	1	11	26	51	11
LA	2	19	48	29	2
MS	1	9	34	43	13
MO	1	8	46	38	7
NC	6	19	37	34	4
OK	0	5	34	59	2
SC	9	25	40	24	2
TN	0	2	18	54	26
TX	5	14	43	34	4
VA	0	0	38	60	2
15 Sts	4	12	37	38	9
Prev Wk	4	12	38	38	8
Prev Yr	6	12	34	38	10

Crop Progress and Condition

Week Ending October 25, 2015

Weekly U.S. Progress and Condition Data provided by USDA/NASS

Sorghum Percent Mature

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
AR	100	100	100	100
CO	83	90	93	92
IL	93	93	95	96
KS	88	93	96	91
LA	100	100	100	100
MO	99	96	100	97
NE	98	96	98	97
NM	49	60	85	54
OK	94	95	97	90
SD	92	90	92	97
TX	93	89	93	93
11 Sts	90	91	95	92

These 11 States planted 98% of last year's sorghum acreage.

Sorghum Percent Harvested

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
AR	99	99	100	99
CO	24	35	47	31
IL	54	76	88	73
KS	36	52	66	50
LA	100	100	100	100
MO	62	64	73	71
NE	47	35	55	57
NM	5	2	21	13
OK	61	58	66	58
SD	66	38	63	77
TX	76	74	80	76
11 Sts	55	61	71	61

These 11 States harvested 98% of last year's sorghum acreage.

Peanuts Percent Harvested

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
AL	70	60	68	63
FL	81	82	89	81
GA	61	39	57	67
NC	62	23	45	65
OK	42	45	51	49
SC	69	24	35	75
TX	37	34	42	57
VA	68	35	55	57
8 Sts	63	45	58	67

These 8 States harvested 97% of last year's peanut acreage.

Winter Wheat Percent Planted

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
AR	49	22	40	45
CA	39	12	40	29
CO	100	95	96	99
ID	96	89	94	96
IL	38	63	84	74
IN	63	73	86	77
KS	86	82	91	91
MI	75	76	90	85
MO	36	52	67	57
MT	99	95	97	93
NE	99	97	99	99
NC	21	10	20	20
OH	70	85	92	76
OK	91	78	85	88
OR	92	60	76	87
SD	97	97	99	95
TX	76	63	67	75
WA	95	82	93	95
18 Sts	83	76	83	85

These 18 States planted 87% of last year's winter wheat acreage.

Winter Wheat Percent Emerged

	Prev Year	Prev Week	Oct 25 2015	5-Yr Avg
AR	26	8	14	21
CA	19	2	10	12
CO	93	60	83	85
ID	65	62	69	65
IL	17	33	55	41
IN	34	37	57	41
KS	70	51	67	70
MI	56	48	67	60
MO	18	20	31	31
MT	88	77	84	67
NE	93	83	92	87
NC	12	1	5	6
OH	43	50	67	43
OK	77	49	62	67
OR	45	18	35	42
SD	72	75	89	66
TX	57	35	44	49
WA	73	62	74	78
18 Sts	65	49	62	62

These 18 States planted 87% of last year's winter wheat acreage.

Winter Wheat Condition by Percent

	VP	P	F	G	EX
AR	7	7	60	25	1
CA	0	5	50	35	10
CO	2	14	46	36	2
ID	0	0	45	44	11
IL	0	8	34	49	9
IN	2	3	36	51	8
KS	2	13	44	36	5
MI	0	4	20	60	16
MO	2	13	51	33	1
MT	0	2	23	58	17
NE	0	5	34	53	8
NC	0	0	4	95	1
OH	1	4	36	49	10
OK	4	18	47	20	11
OR	0	22	70	8	0
SD	0	1	33	52	14
TX	7	13	33	25	22
WA	0	5	39	53	3
18 Sts	3	11	39	37	10
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	1	6	34	50	9

Crop Progress and Condition

Week Ending October 25, 2015

Weekly U.S. Progress and Condition Data provided by USDA/NASS

Pasture and Range Condition by Percent
Week Ending Oct 25, 2015

	VP	P	F	G	EX			VP	P	F	G	EX
AL	5	19	46	29	1		NH	7	13	51	27	2
AZ	8	8	37	41	6		NJ	5	18	28	19	30
AR	11	31	36	19	3		NM	4	8	32	45	11
CA	35	30	25	10	0		NY	2	11	35	41	11
CO	2	17	28	46	7		NC	8	17	46	27	2
CT	5	51	40	4	0		ND	2	15	38	42	3
DE	5	18	35	37	5		OH	4	11	43	36	6
FL	1	4	33	48	14		OK	7	15	38	34	6
GA	2	7	31	52	8		OR	27	39	27	7	0
ID	11	20	33	33	3		PA	13	22	31	23	11
IL	10	17	38	32	3		RI	0	25	40	35	0
IN	15	23	33	25	4		SC	1	6	38	52	3
IA	5	10	29	47	9		SD	2	9	39	46	4
KS	5	14	38	38	5		TN	2	11	34	49	4
KY	4	15	31	46	4		TX	17	27	35	18	3
LA	14	29	38	18	1		UT	1	11	38	47	3
ME	0	3	41	52	4		VT	0	1	58	41	0
MD	4	12	29	34	21		VA	1	14	37	42	6
MA	0	18	42	40	0		WA	31	31	15	19	4
MI	2	10	39	41	8		WV	4	15	33	45	3
MN	6	10	21	57	6		WI	5	12	25	45	13
MS	15	29	32	20	4		WY	0	4	33	56	7
MO	10	17	44	27	2		48 Sts	9	18	34	34	5
MT	12	28	41	18	1							
NE	3	9	28	54	6		Prev Wk	8	17	35	35	5
NV	15	20	40	25	0		Prev Yr	5	13	33	42	7

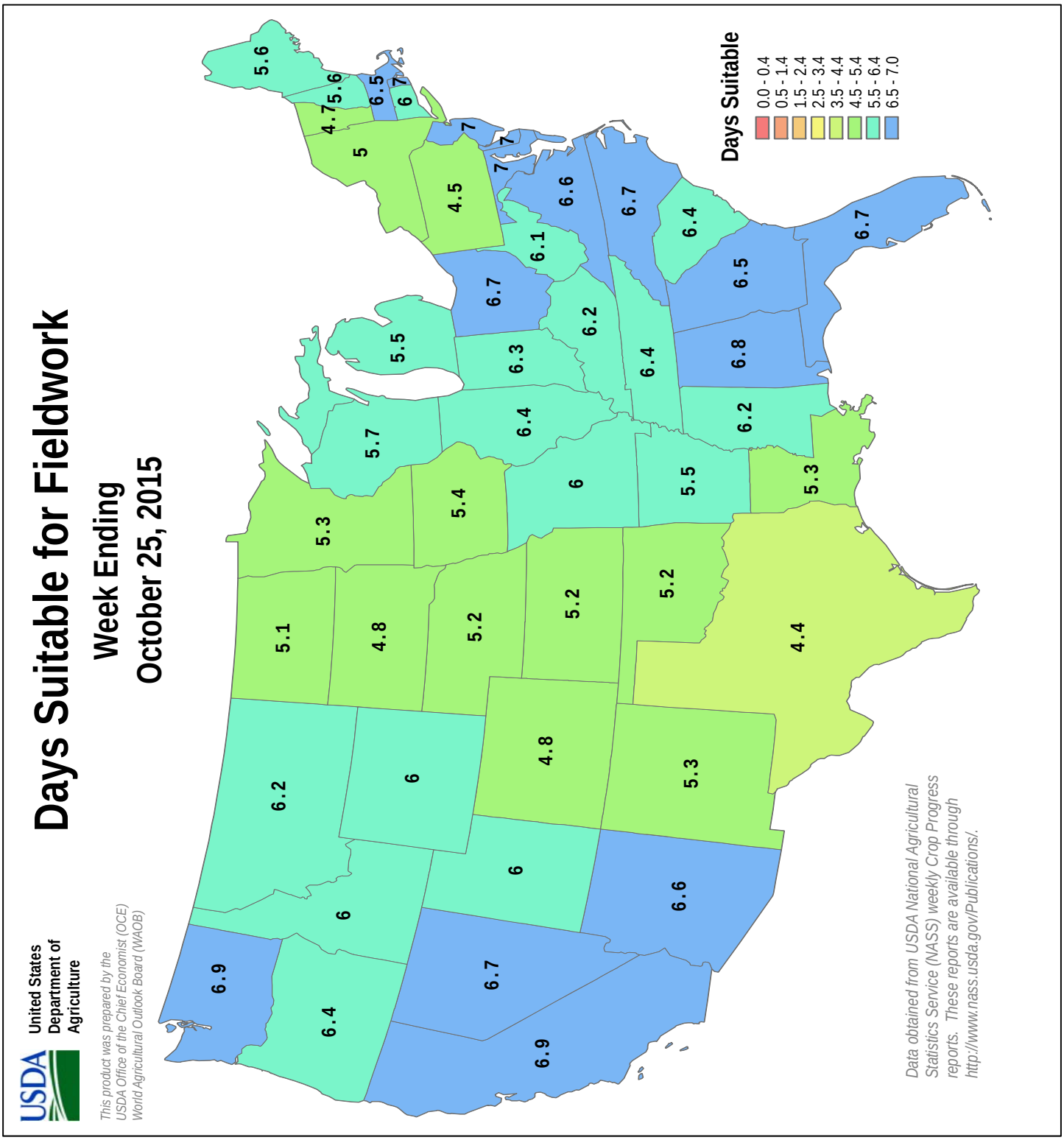
VP - Very Poor; P - Poor;
F - Fair;
G - Good; EX - Excellent

NA - Not Available
*** Revised**

Crop Progress and Condition

Week Ending October 25, 2015

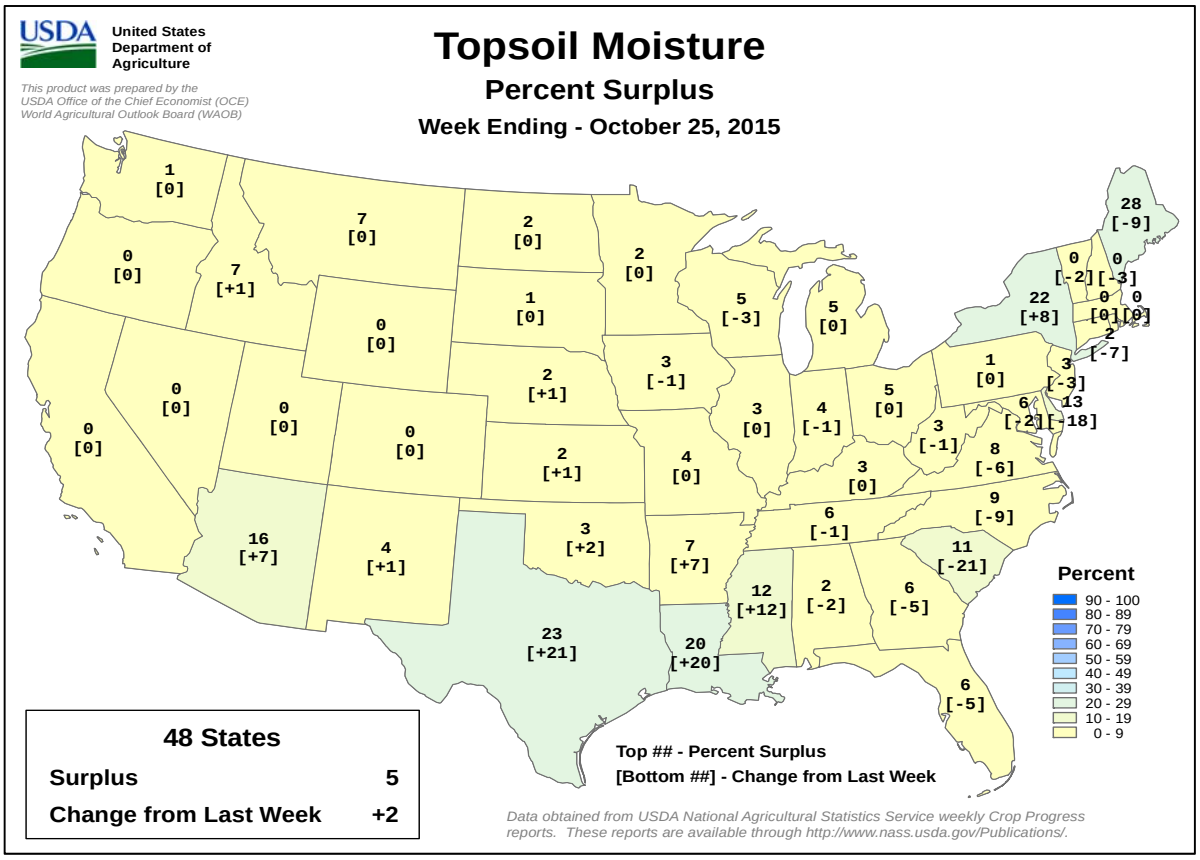
Weekly U.S. Progress and Condition Data provided by USDA/NASS

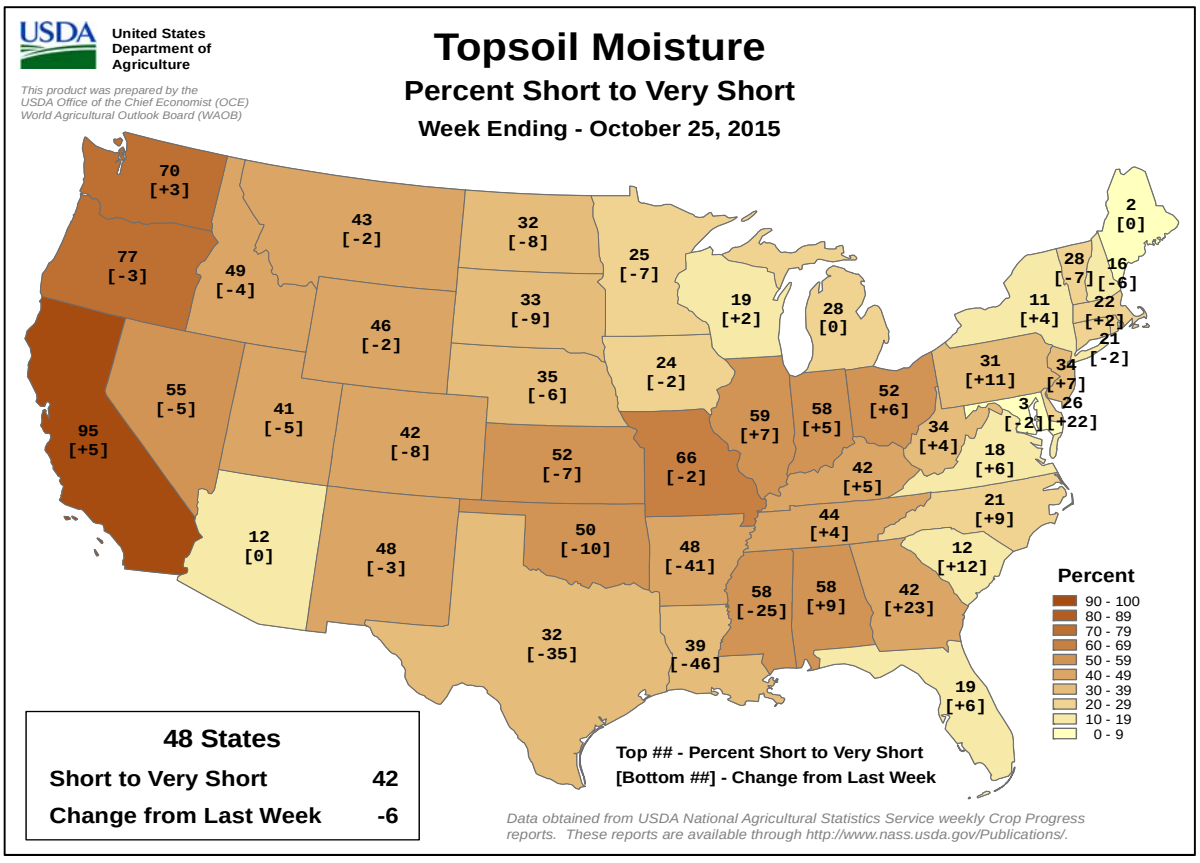


Crop Progress and Condition

Week Ending October 25, 2015

Weekly U.S. Progress and Condition Data provided by USDA/NASS

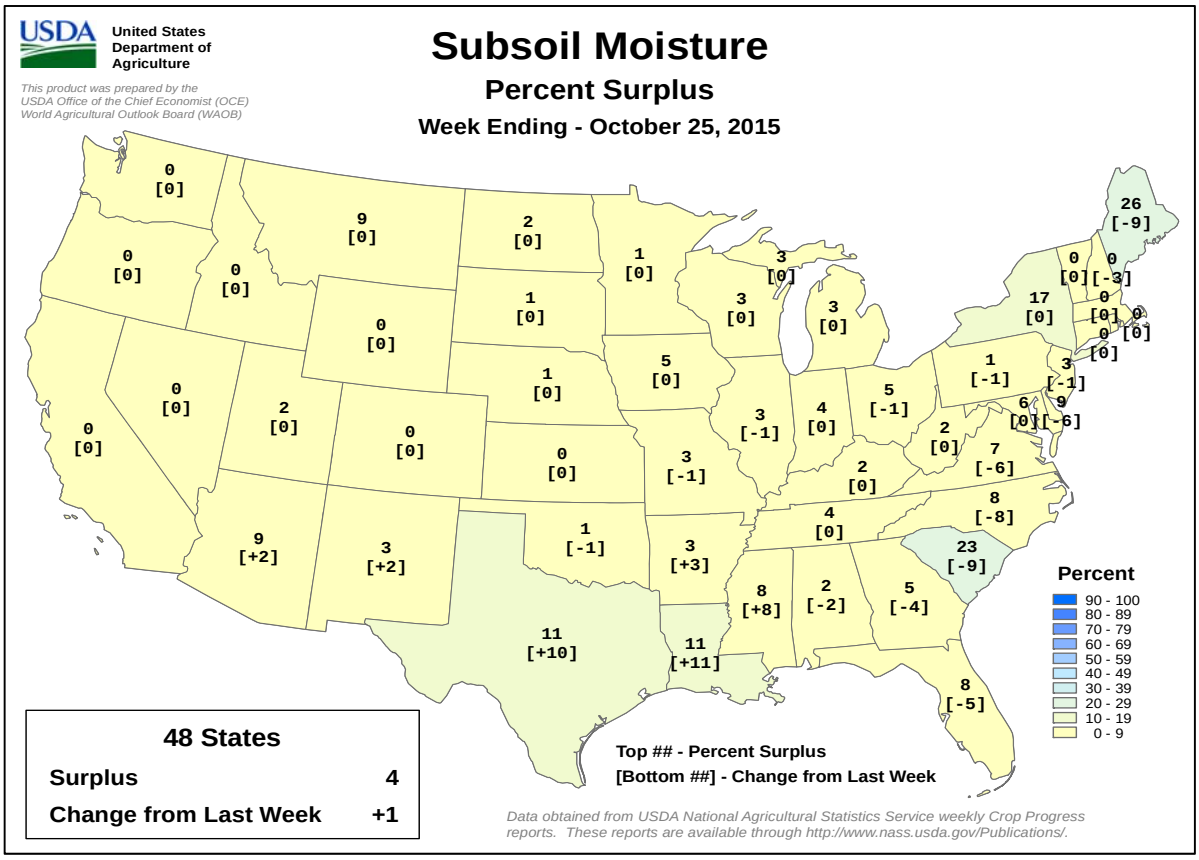


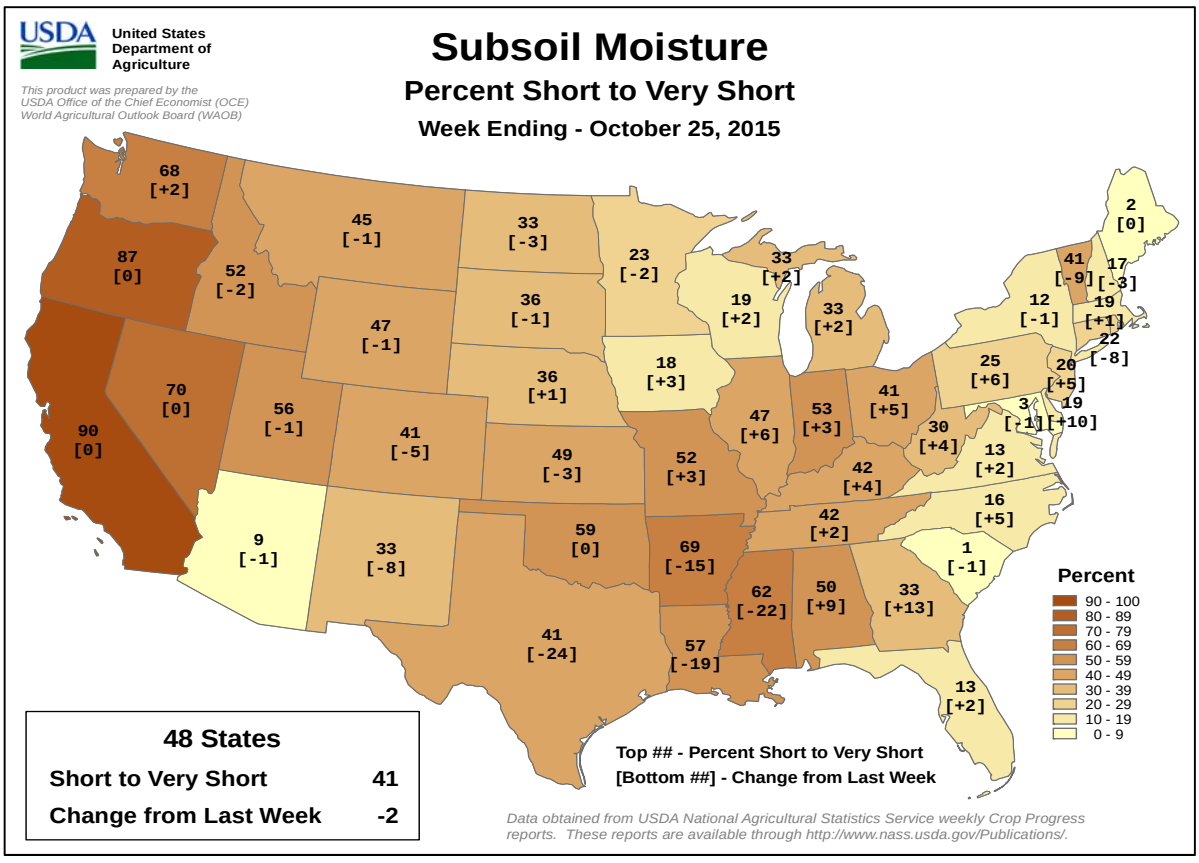


Crop Progress and Condition

Week Ending October 25, 2015

Weekly U.S. Progress and Condition Data provided by USDA/NASS





International Weather and Crop Summary

October 18-24, 2015

International Weather and Crop Highlights and Summaries provided by USDA/WAOB

HIGHLIGHTS

EUROPE: Conditions remained favorable for winter crop establishment, with showers interspersed amid spells of sunny weather.

WESTERN FSU: Rain eased drought in western Ukraine and over much of southern and central Russia, improving prospects for winter wheat establishment in many key growing areas.

MIDDLE EAST: Additional showers boosted soil moisture for winter grain planting and establishment, particularly in northern and western growing areas.

NORTHWESTERN AFRICA: The unusually wet autumn continued, sustaining adequate to abundant soil moisture for early winter grain planting.

SOUTH ASIA: Hot, dry weather accelerated fieldwork in India and Pakistan but left some crops in need of supplemental irrigation.

EAST ASIA: Dry, unseasonably warm weather promoted fieldwork throughout China.

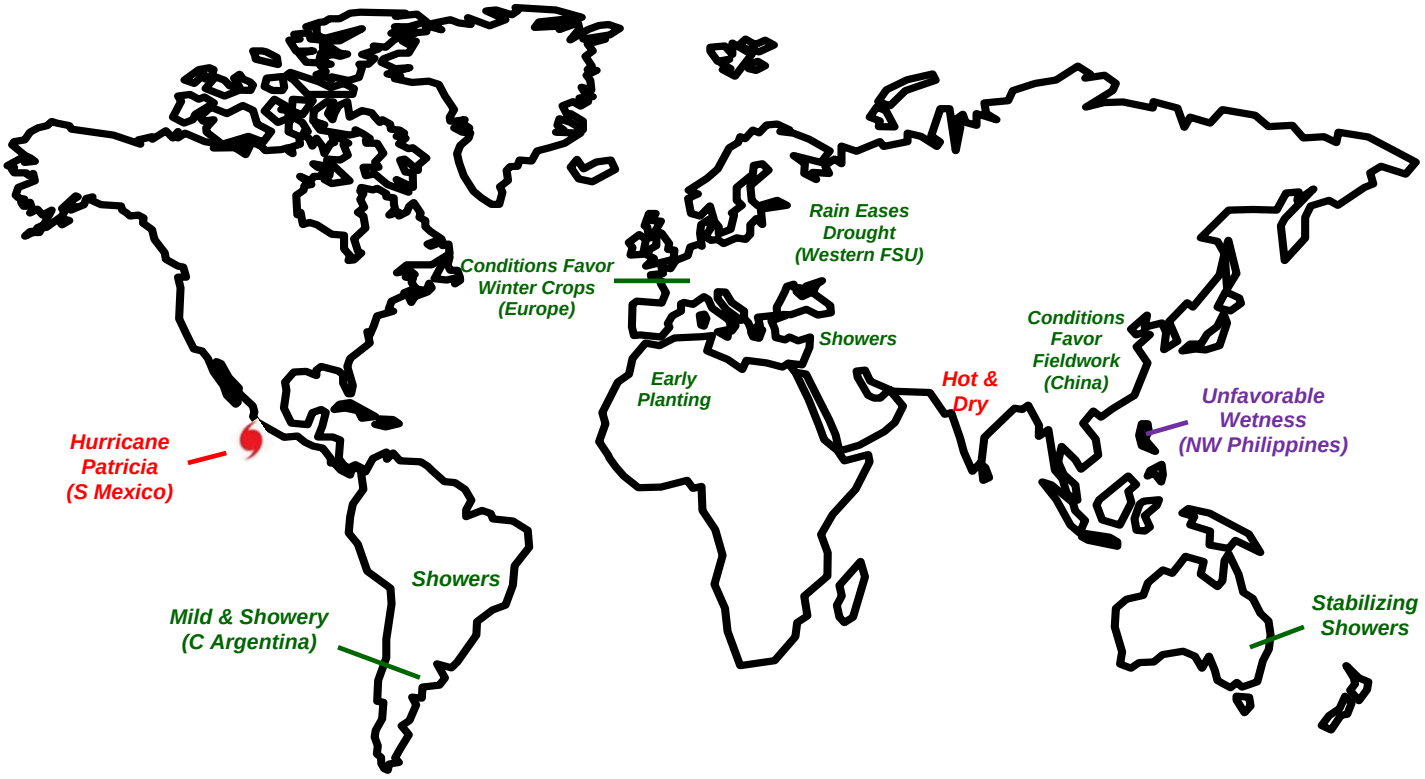
SOUTHEAST ASIA: The remnants of Tropical Cyclone Koppu brought more heavy rainfall and unfavorable wetness to mature summer rice and corn in the northwestern Philippines.

AUSTRALIA: Scattered showers in eastern Australia helped stabilize conditions for immature winter grains.

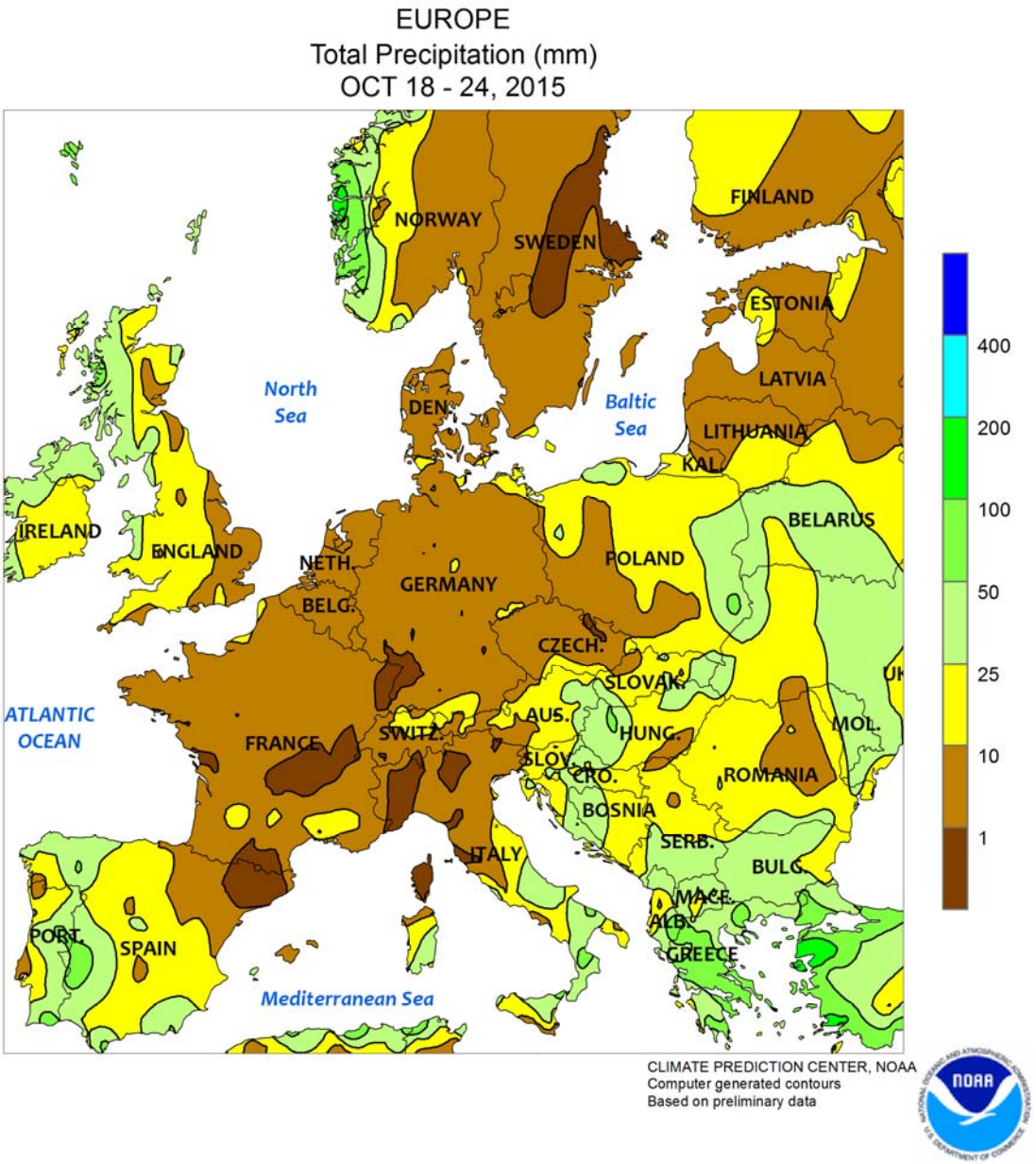
ARGENTINA: Mild, showery weather maintained overall favorable conditions for winter grains in central Argentina.

BRAZIL: Rain brought some relief from heat and dryness to early-planted soybeans in central Brazil.

MEXICO: Hurricane Patricia slammed into the southern Pacific Coast.



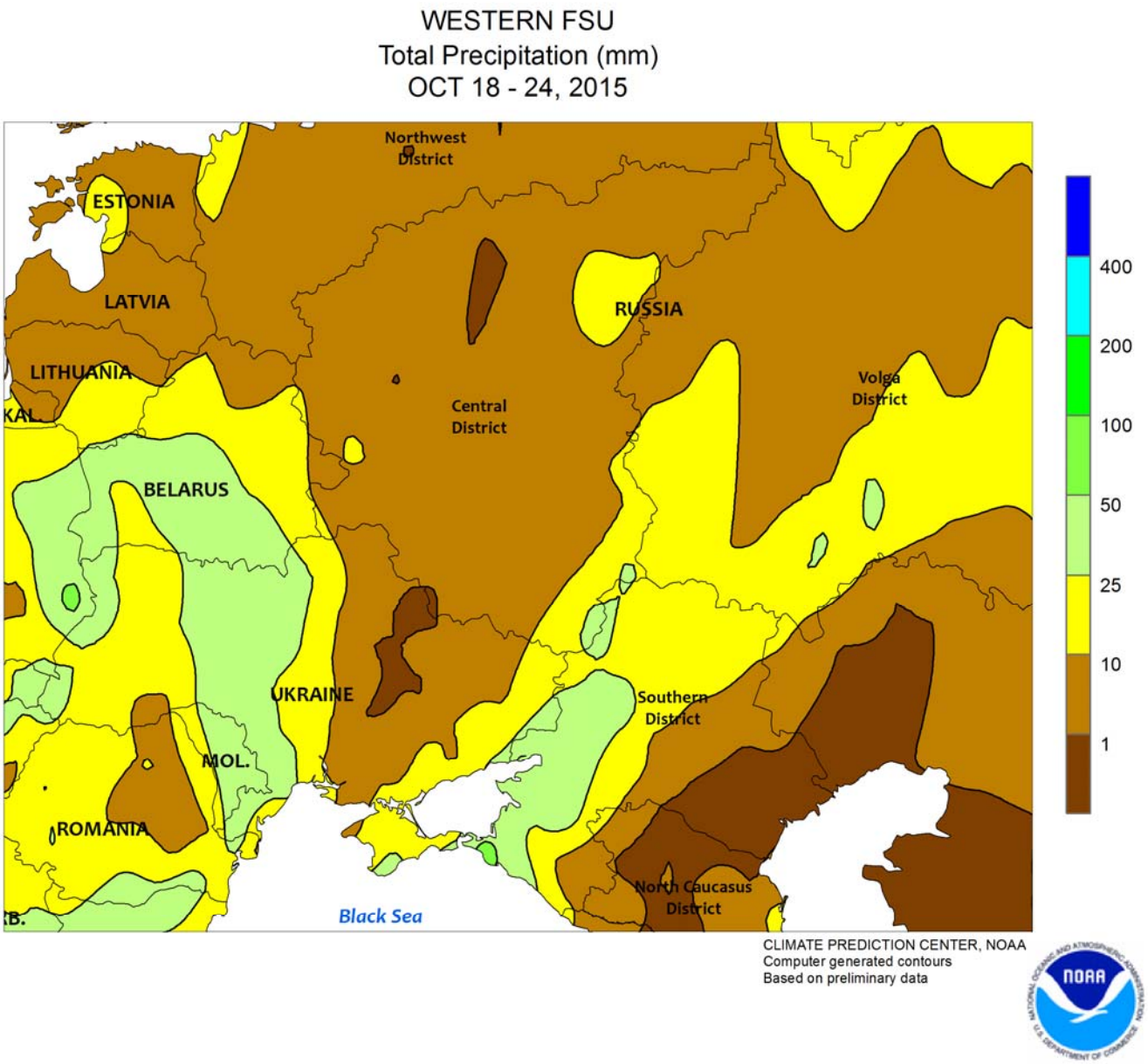
For additional information contact: mbrusberg@oce.usda.gov



EUROPE

Occasional showers interspersed with periods of sunshine sustained favorable conditions for winter crop establishment. A storm system drifted east, producing widespread rainfall (5-50 mm, locally more) from Poland into the Balkans. The rain further eased the lingering impacts of summer drought in the north and boosted soil moisture for winter wheat and rapeseed establishment in the south. Farther south, locally heavy rain (25-80 mm) curtailed summer crop harvesting in southern Italy and adversely impacted unharvested cotton in Greece, while drier weather in northern Italy promoted winter wheat planting. Meanwhile, early-week showers (2-9 mm) followed by sunny skies maintained favorable prospects for winter grain and oilseed establishment in France, Germany, and the Low Countries. Farther west, a pair of Atlantic storm systems generated 10 to 65 mm of rain over much of Ireland, England, and the Iberian Peninsula, providing additional soil moisture for winter crop sowing (south) and establishment (north). Weekly average temperatures remained well above 5°C, allowing winter crops to add vegetative growth across the entire continent.

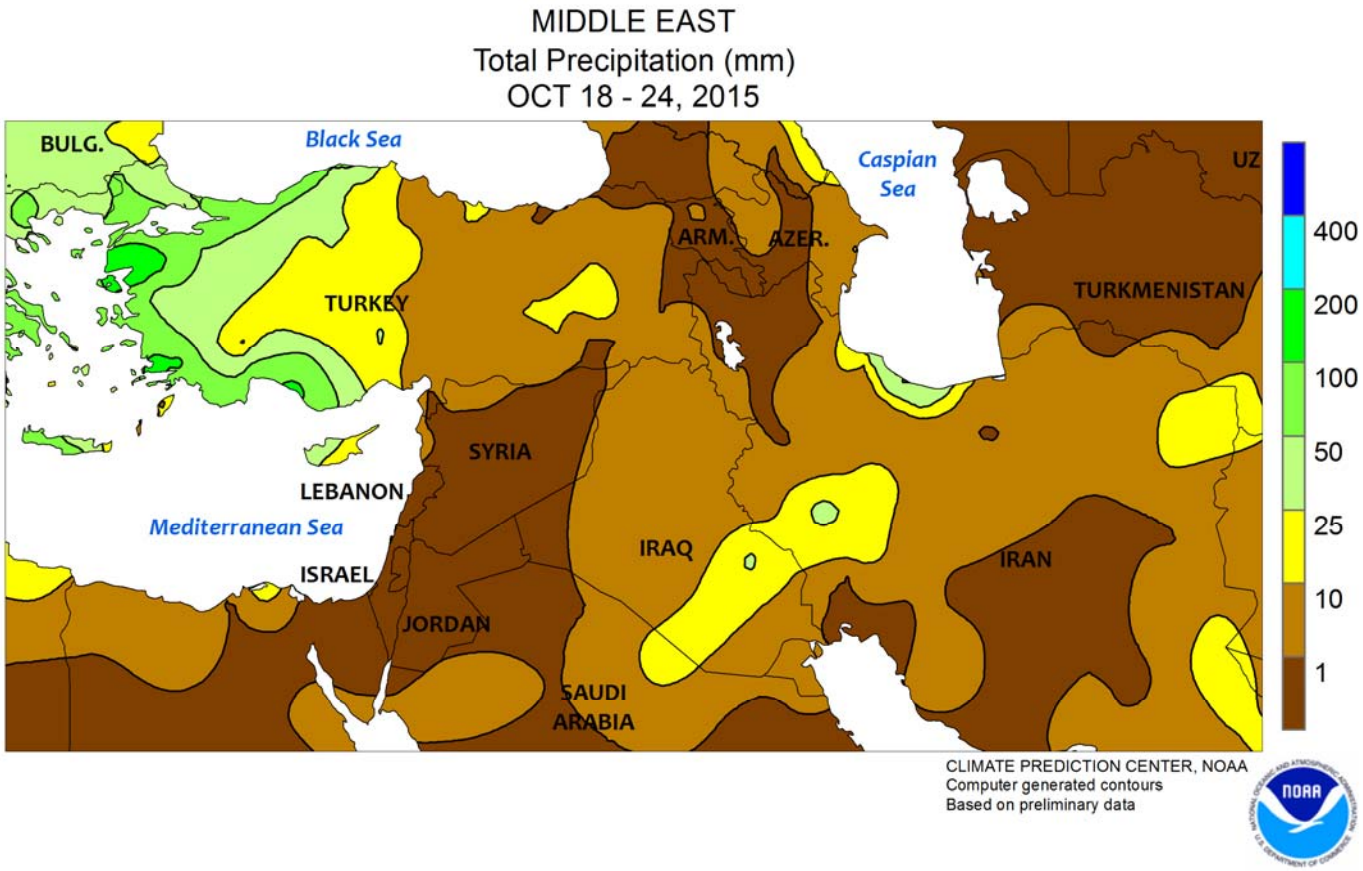
For additional information contact: mbrusberg@oce.usda.gov



WESTERN FSU

Intensifying drought in parts of Ukraine and Russia's Central District contrasted with highly beneficial rainfall in southern Russia. In western-most growing areas, 10 to 50 mm of rain (locally more) boosted soil moisture for winter wheat from Moldova northward into Belarus, including the summer drought areas of western Ukraine. Meanwhile, moderate to heavy rain (10-35 mm) from the Black Sea Coast into Russia's Southern and Volga Districts alleviated autumn drought and provided timely moisture for winter wheat establishment in key southern growing areas. However, the rain was likely too late for winter wheat from the northern tier of the Southern District northward; winter crops in these locales are likely dormant due to weekly average temperatures well below 5°C for a second consecutive week. As a result, winter wheat in northern growing areas entered dormancy poorly established, while vegetative winter wheat in the south was able to benefit from the rainfall due to the warmer conditions. In contrast, central and eastern Ukraine's key winter wheat areas remained unfavorably dry, exacerbating drought and worsening prospects for proper establishment. The same was true in Russia's Central District, where only the eastern-most growing areas received crop-aiding rainfall (5-30 mm).

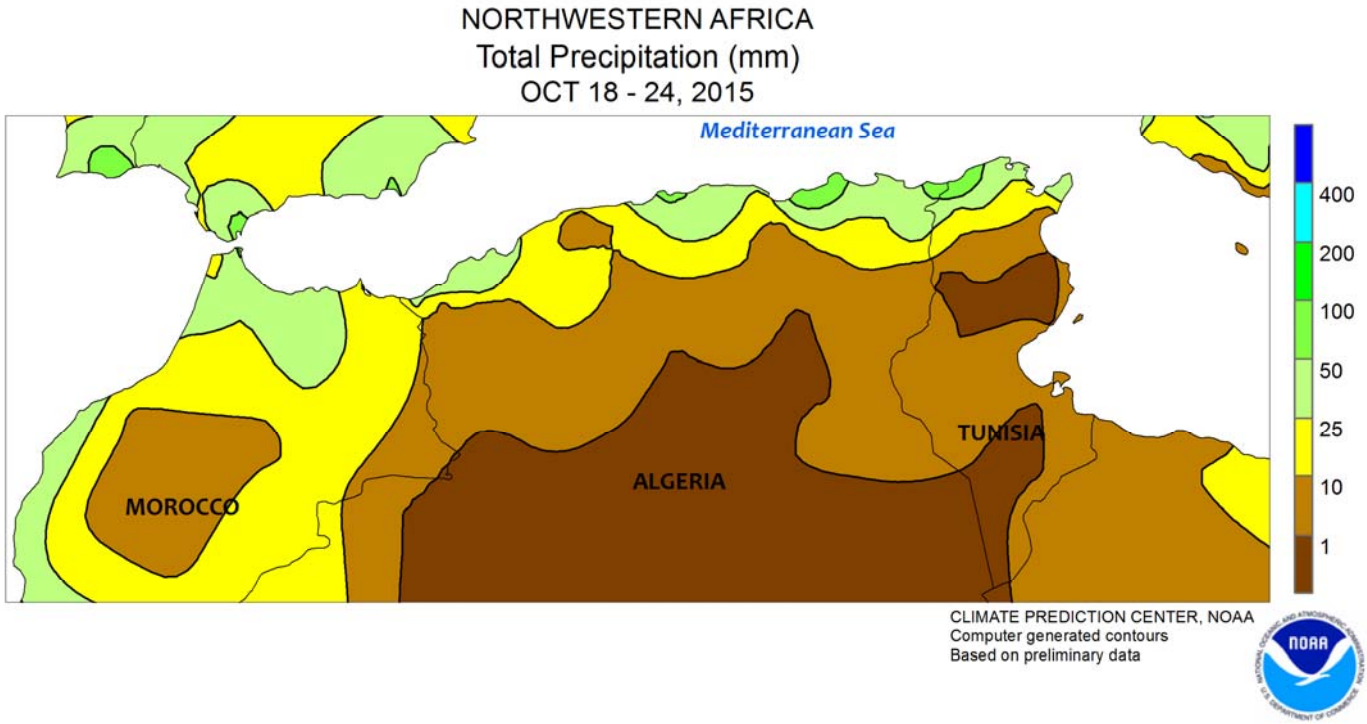
For additional information contact: mbrusberg@oce.usda.gov



MIDDLE EAST

The warm, wet start to the 2015-16 winter grain growing season continued in Turkey, while increasingly showery weather developed elsewhere. Rain intensified over Turkey, with amounts ranging from 10 to 30 mm on the Anatolian Plateau to more than 100 mm along the western and southern coast. The rainfall sustained adequate to abundant soil moisture for winter wheat and barley establishment (typically sown during the second half of October). In addition, temperatures averaging up to 5°C above normal accelerated winter grain emergence and development. However, the rainy weather impeded cotton harvesting and likely reduced crop quality in areas where harvesting had not been completed (Turkey's mean harvesting date for cotton is in the second half of October). Light to moderate showers (1-30 mm) developed elsewhere in the Middle East, providing timely soil moisture for recently-planted wheat in Iran and soon-to-be-planted winter wheat in Iraq. Many producers were likely rushing to complete seasonal fieldwork at week's end in advance of approaching heavy rain.

For additional information contact: mbrusberg@oce.usda.gov



NORTHWESTERN AFRICA

The unusually wet autumn continued, with widespread showers sustaining adequate to abundant soil moisture for winter grain planting and establishment. Rain totaled 10 to 50 mm (locally more) in most growing areas, though central portions of Morocco were generally dry. Winter wheat and barley are typically sown during November, but planting likely commenced earlier this year due to the favorable rainfall which began in late summer.

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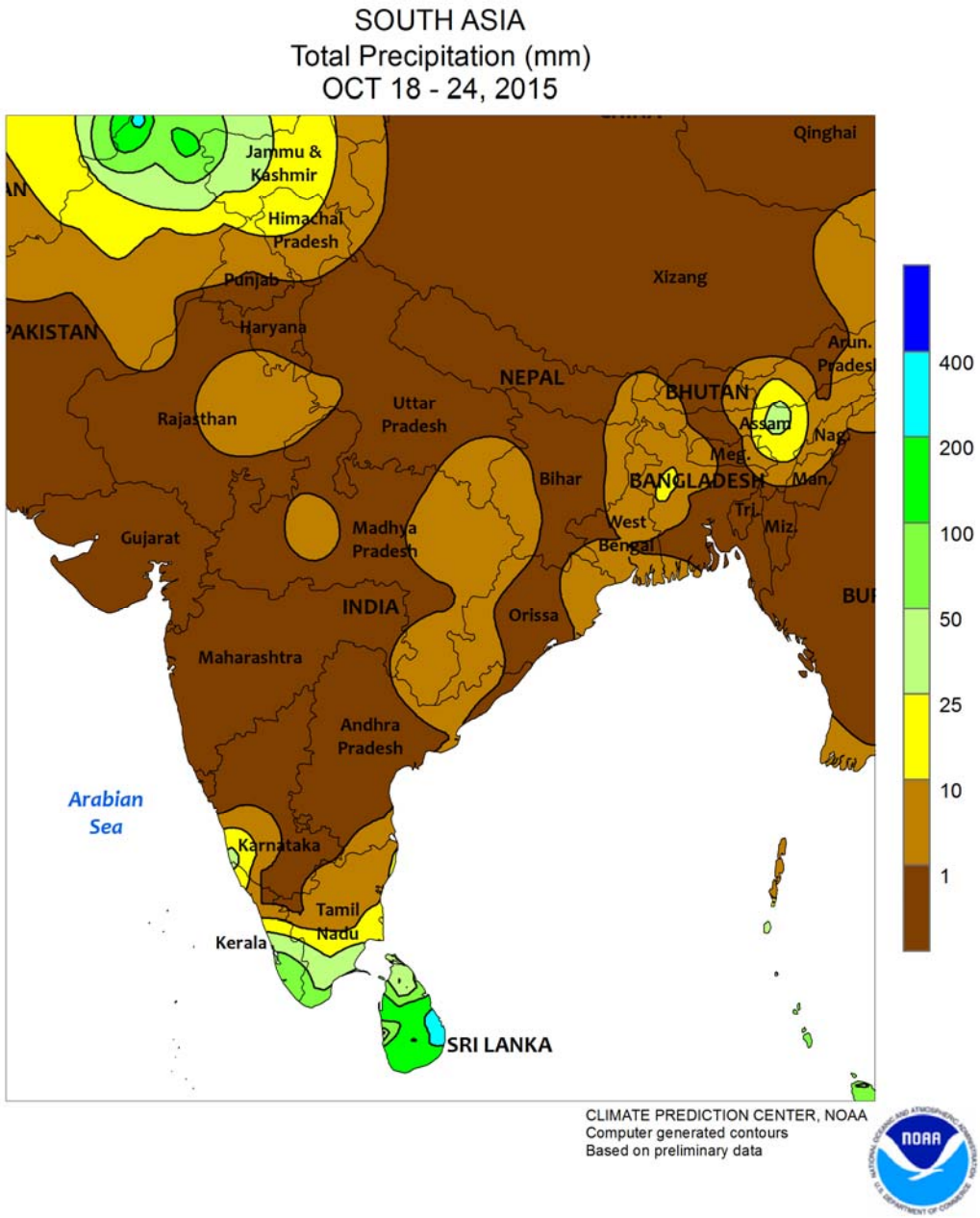

SOUTH ASIA

Monsoon rainfall came to an abrupt and somewhat earlier than usual end in southern India, leaving late-season groundnuts and cotton in need of supplemental irrigation. Typically, rainfall lingers across the south through October and into early November. Dry weather across the remainder of India and into Pakistan was more seasonable, as summer (kharif) crop harvesting continued and winter (rabi) crop planting was underway, specifically wheat and rapeseed in the north. In addition, hot weather accompanied the dry weather, with daytime high temperatures consistently in the upper 30s degrees C. The heat helped dry mature summer crops still in the field but necessitated increased irrigation for newly planted winter crops. In other areas of the region, seasonal showers overspread Sri Lanka, benefiting winter (maha) rice establishment, while unseasonably dry weather left summer (aman) rice in Bangladesh in need of irrigation.

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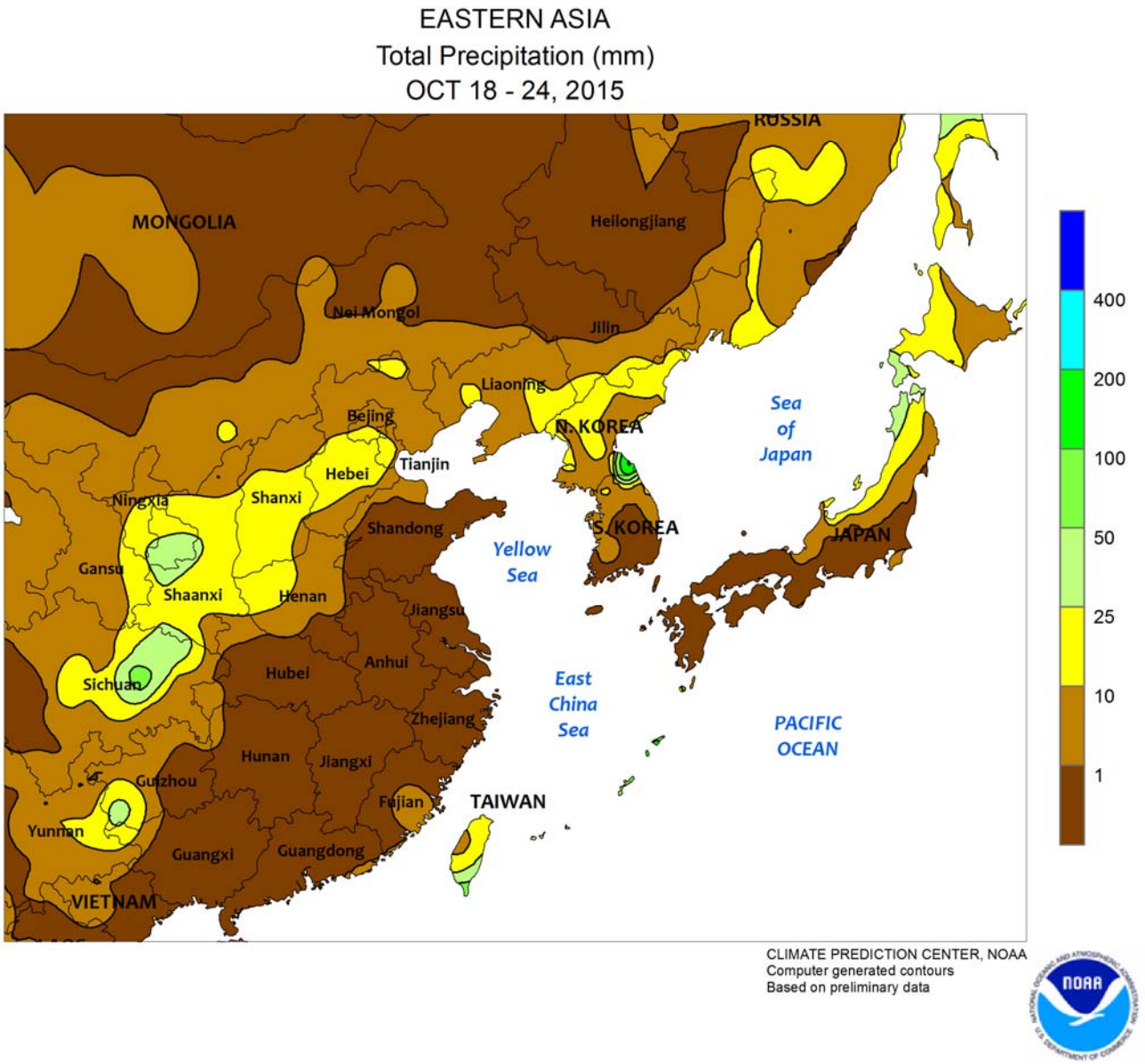

EASTERN ASIA

Mostly dry weather continued across eastern China, with brief periods of light rainfall (less than 10 mm) occurring in western sections of the North China Plain and the Yangtze Valley. The dry weather was accompanied by temperatures averaging up to 7°C above the long-term average. The conditions aided summer crop harvesting winding down in the region and supported winter wheat and rapeseed planting occurring throughout the North China Plain and the Yangtze Valley. Additionally, in the absence of stressful heat, the unseasonable warmth accelerated emergence of recently planted winter crops but also increased moisture demands and the need for supplemental irrigation.

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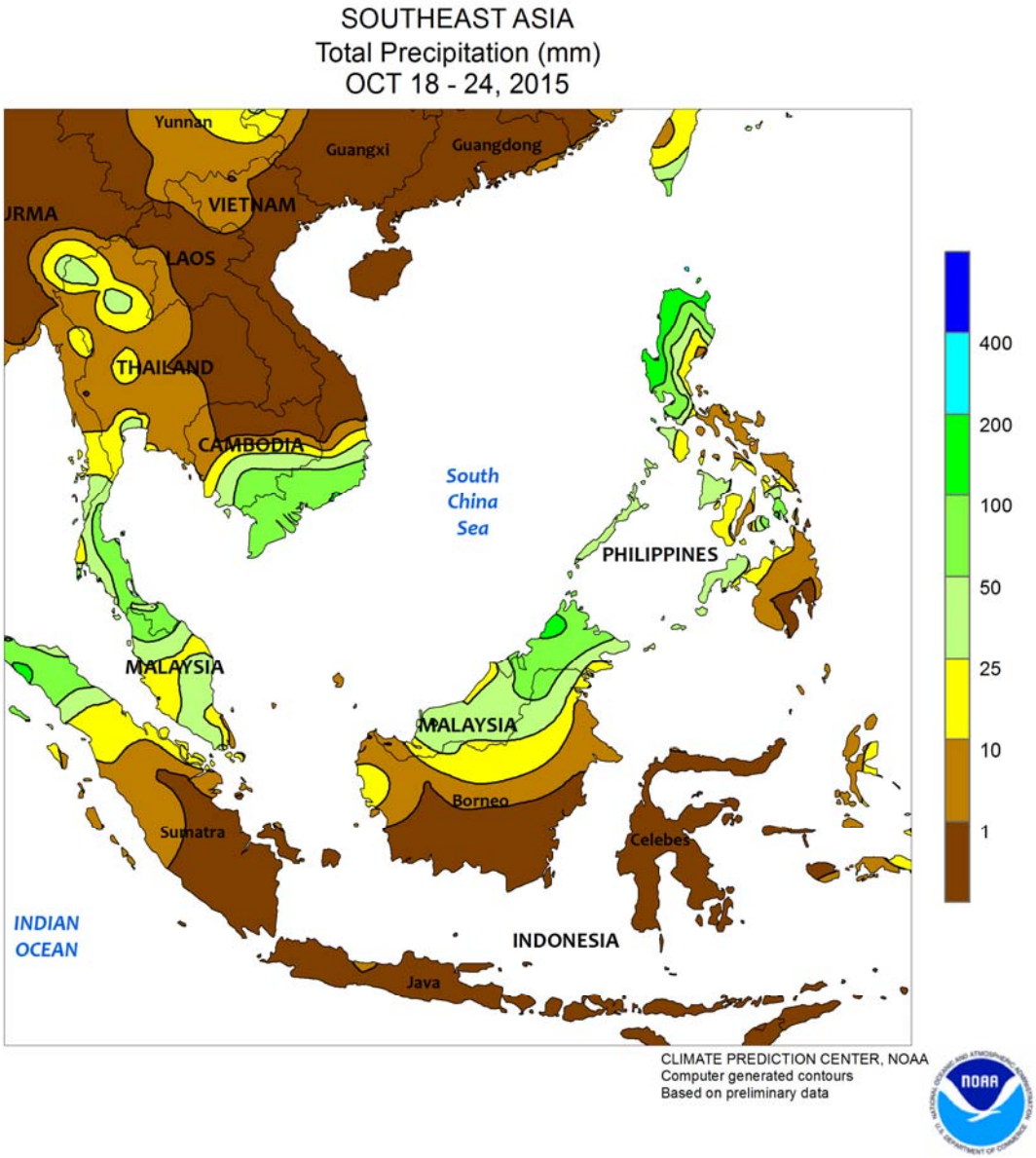

SOUTHEAST ASIA

The remnants of Tropical Cyclone Koppu produced more heavy rainfall across the northwestern Philippines, with over 200 mm reported in some areas of Luzon. Preliminary storm-related rainfall totals were modest (averaging 350 mm) given Koppu's intensity and trajectory. Nevertheless, the wetness was unwelcomed for mature summer rice and corn. Meanwhile in Indochina, mostly dry weather prevailed, aiding summer rice maturation, with rainfall in southern portions of Vietnam aiding winter-spring rice. Elsewhere in the region, dry weather in Indonesia accelerated oil palm harvesting while showers (25-50 mm) slowed harvesting in neighboring sections of Malaysia. Rainfall was conspicuously absent in Java, Indonesia, as growers slowly begin wet-season rice transplanting. Typically, the rainy season begins in late October across western Java, with periods of light to moderate rainfall occurring in advance of the heavier seasonal rain.

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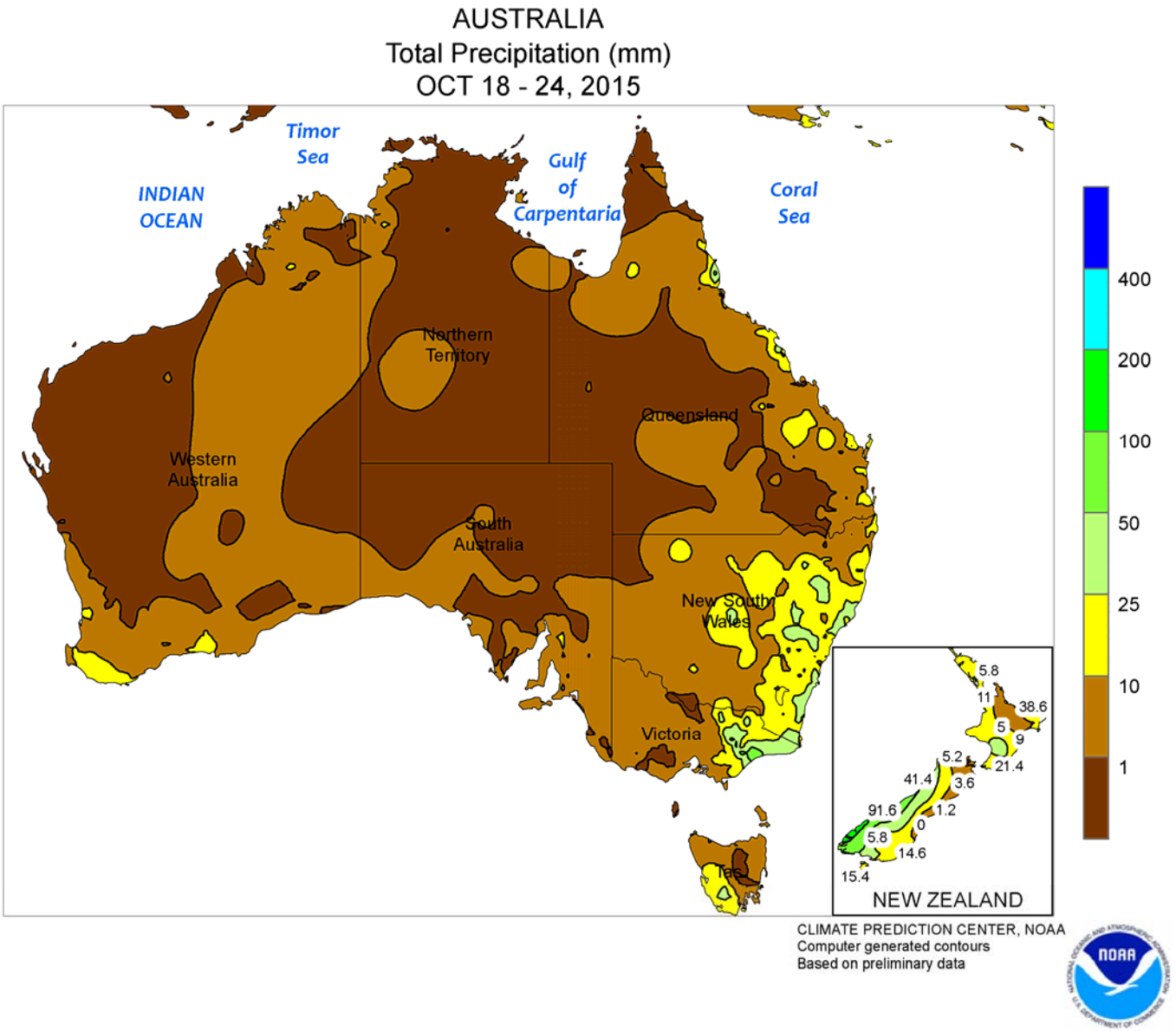

AUSTRALIA

Widely scattered, generally light showers (less than 5 mm, isolated higher amounts) fell across Western Australia, South Australia, and northern Victoria, providing little additional moisture for immature winter grains and oilseeds. Unseasonably warm weather (temperatures averaging 1-3°C above normal) persisted as well, maintaining elevated evaporation rates. The weather was not quite as hot as in recent weeks, however, with maximum temperatures mostly ranging from the middle 20s to lower 30s (degrees C.) In New South Wales, scattered showers (5-25 mm) helped stabilize conditions for filling wheat and other immature winter crops, while also providing a welcomed boost in topsoil moisture for recently sown summer crops. In contrast, mostly dry weather covered extreme southern Queensland, hampering establishment of dryland summer crops but aiding dry down of maturing winter wheat. Temperatures in eastern Australia averaged 3 to 5°C above normal in the south and 1 to 3°C above normal in the north, with maximum temperatures generally in the upper 20s to lower 30s.

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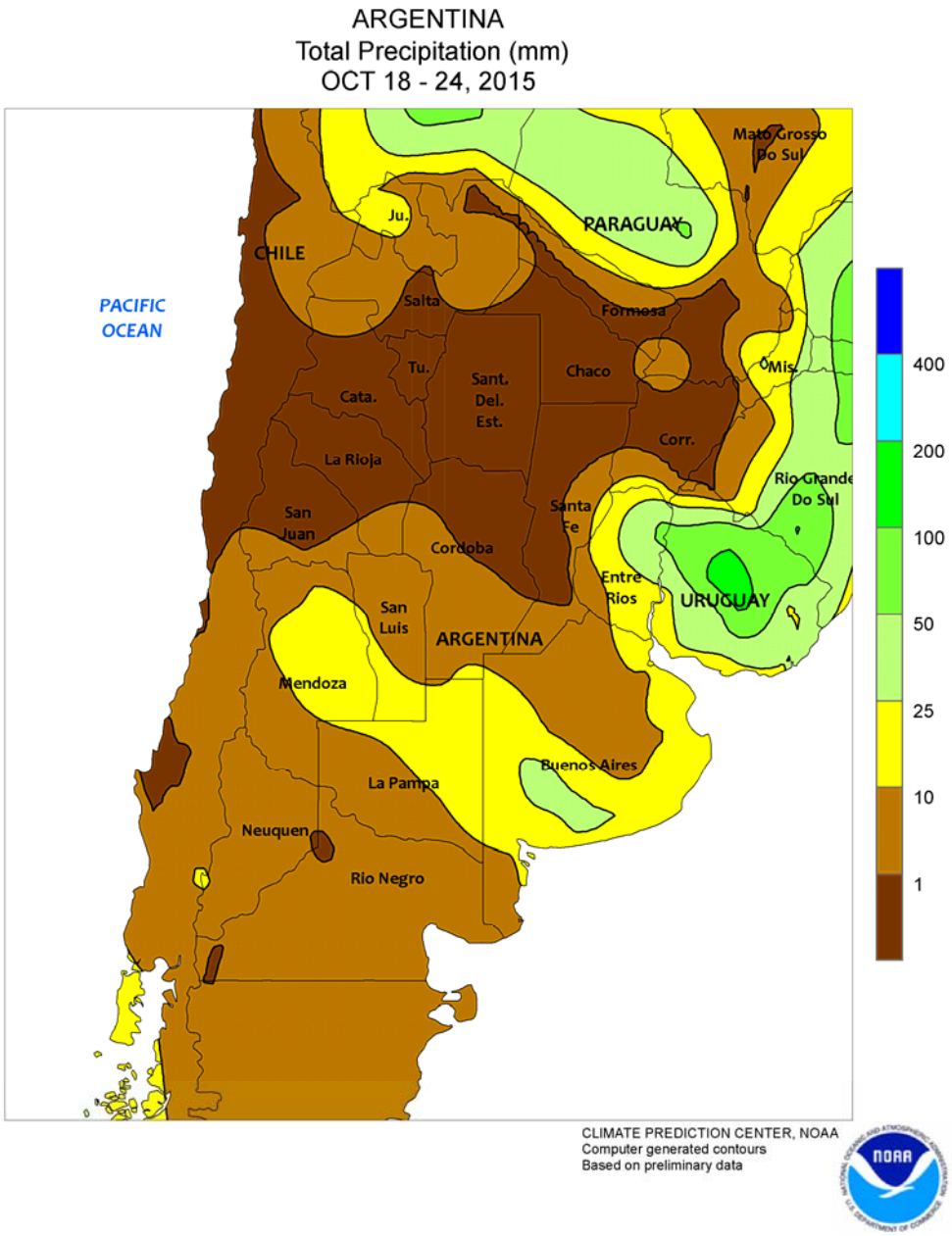

ARGENTINA

Mild, showery weather maintained overall favorable conditions for vegetative to reproductive winter grains in central Argentina. Rainfall was generally lighter than last week, totaling 5 to 15 mm in most areas (La Pampa, Buenos Aires, and southern sections of Cordoba, Santa Fe, and Entre Rios), with isolated locations reaching 25 mm. Weekly temperatures averaged 1 to 3°C below normal, as early-week warmth (daytime highs reaching the middle and upper 30s degrees C) gave way to much cooler weather (highs from 8-12°C in southwestern production areas) following the passage of the rain-generating cold front. Lingering freezes were confined to far southern farming areas. Drier weather also prevailed across the north, although weekly temperatures averaged near to as much as 3°C above normal, with daytime highs reaching the upper 30s in the far north (in and around Formosa). The drier conditions in eastern farming areas — including the cotton belt (northern Santa Fe and eastern sections of Chaco and Formosa) — favored planting activities, but additional rain would be welcomed in the northwest (Santiago del Estero, Salta, and western sections of Chaco and Formosa) for winter grains and newly-sown summer crops. According to Argentina's Ministry of Agriculture, sunflowers were 25 percent planted as of October 22, compared with 34 percent last year. Corn was also reportedly 25 percent planted, 4 points behind last year's pace.

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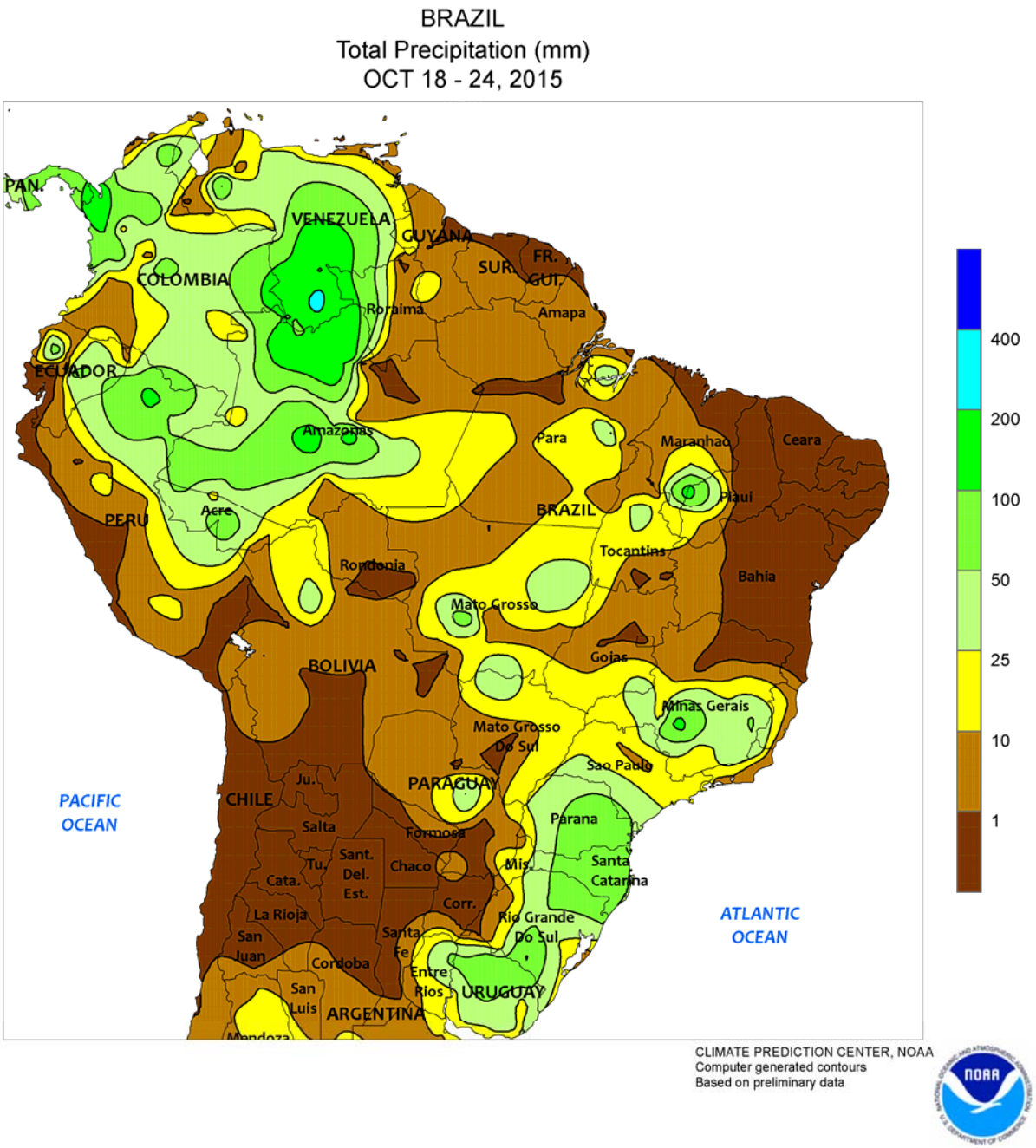

BRAZIL

Rain brought some relief from heat and dryness to soybeans and other early-planted summer crops in central Brazil. Following more than a week with daytime highs in excess of 40°C, scattered showers (5-50 mm) developed over eastern Mato Grosso and Tocantins. Although the rain will likely encourage summer crop planting, the moisture came too late to prevent damage to newly-emerged crops and some replanting will be needed. Rain also returned to the southeast (Sao Paulo and Minas Gerais), where daytime highs since the last appreciable rainfall had reached the upper 30s (degrees C), limiting moisture for sugarcane and coffee. Weekly temperatures averaging 3 to 6°C above normal throughout the aforementioned areas maintained high evaporative losses in addition to the stress suffered by crops in the ground. In contrast, rainy conditions persisted in southern wheat areas, with large sections of Parana, Santa Catarina, and Rio Grande do Sul recording 25 to 100 mm. While maintaining abundant rain for planting soybeans, corn, and other main-season summer crops, conditions remained unfavorably wet for unharvested wheat. According to the latest government reports, wheat was 20 percent harvested in Rio Grande do Sul, with most of the remainder of the crop filling to maturing. In Parana, wheat was 78 percent harvested.

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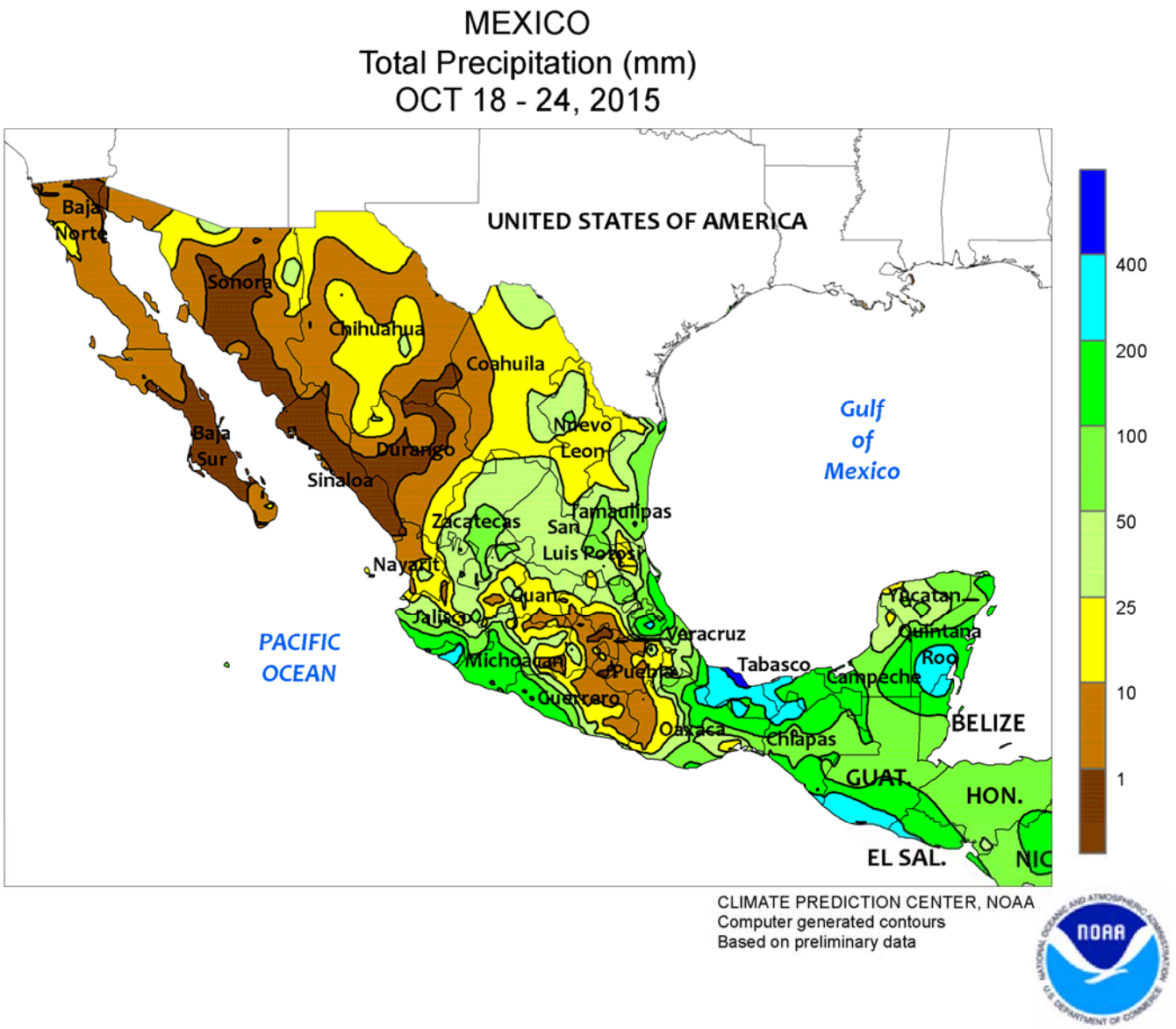

MEXICO

Hurricane Patricia struck the southern coast of Mexico with high winds, flood-producing rain, and a storm surge. Just before making landfall, Patricia strengthened to become the strongest hurricane ever monitored by the National Hurricane Center, with sustained winds of 175 knots. Coastal rainfall of more than 200 mm was recorded from eastern Jalisco to western Guerrero, with amounts greater than 100 mm reaching into farming areas of western Michoacan. The storm weakened considerably after moving inland, generating moderate to heavy showers (25-100 mm) across much of the southern plateau and northeastern coast, including northern sugarcane areas of Veracruz. While coming too late to be of benefit of most summer crops, the rainfall provided a late season boost to reservoirs. Elsewhere, very heavy rain (locally greater than 200 mm) likely caused some flooding of farms along the southern Gulf Coast from southern Veracruz to Campeche. Meanwhile, showers were generally widely scattered and light in northwestern and north-central Mexico, boosting local reservoir levels but likely having little impact on seasonal harvesting, including that of cotton.

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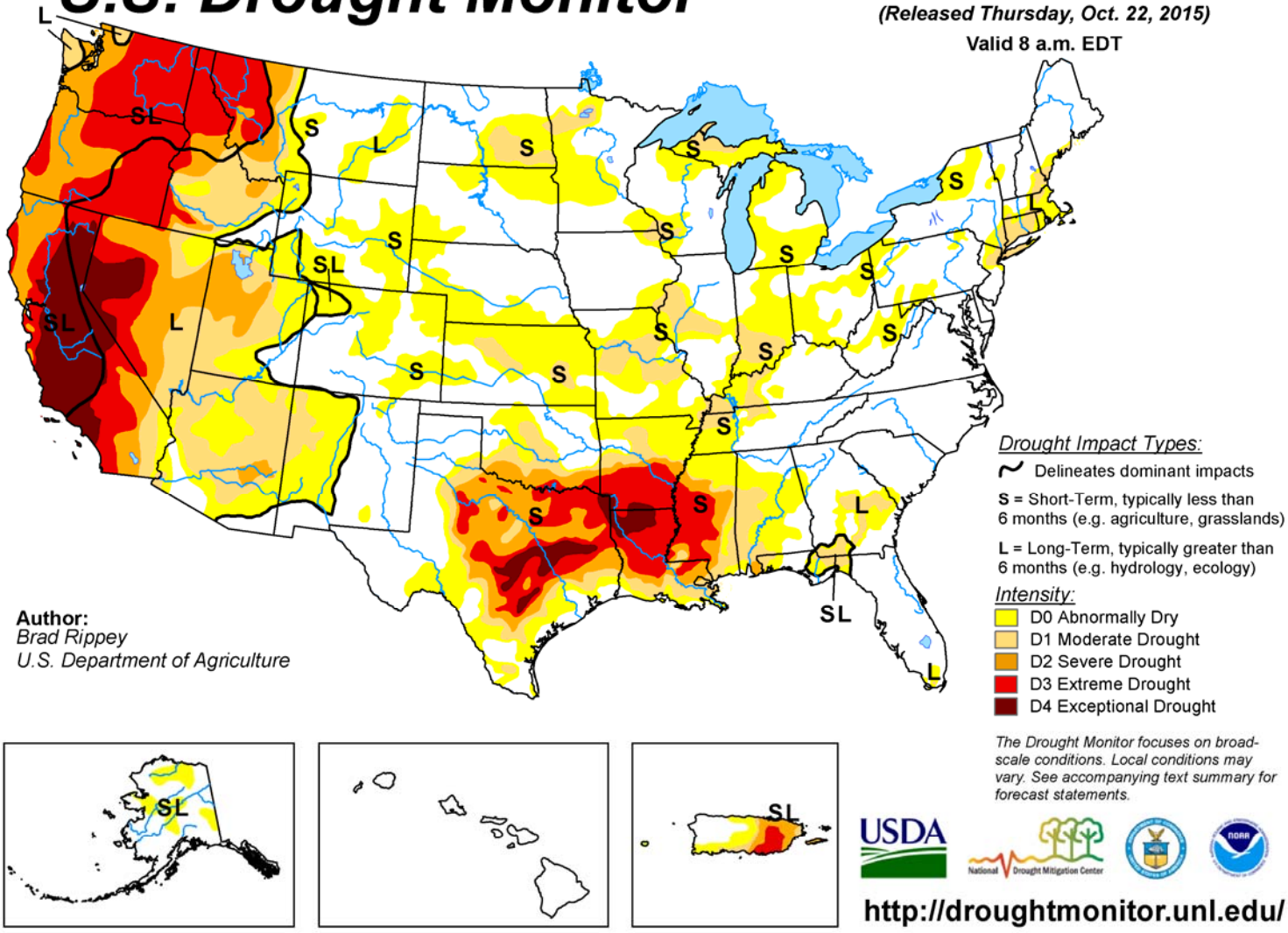
U.S. Drought Monitor

October 20, 2015
(Released Thursday, Oct. 22, 2015)
Valid 8 a.m. EDT



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