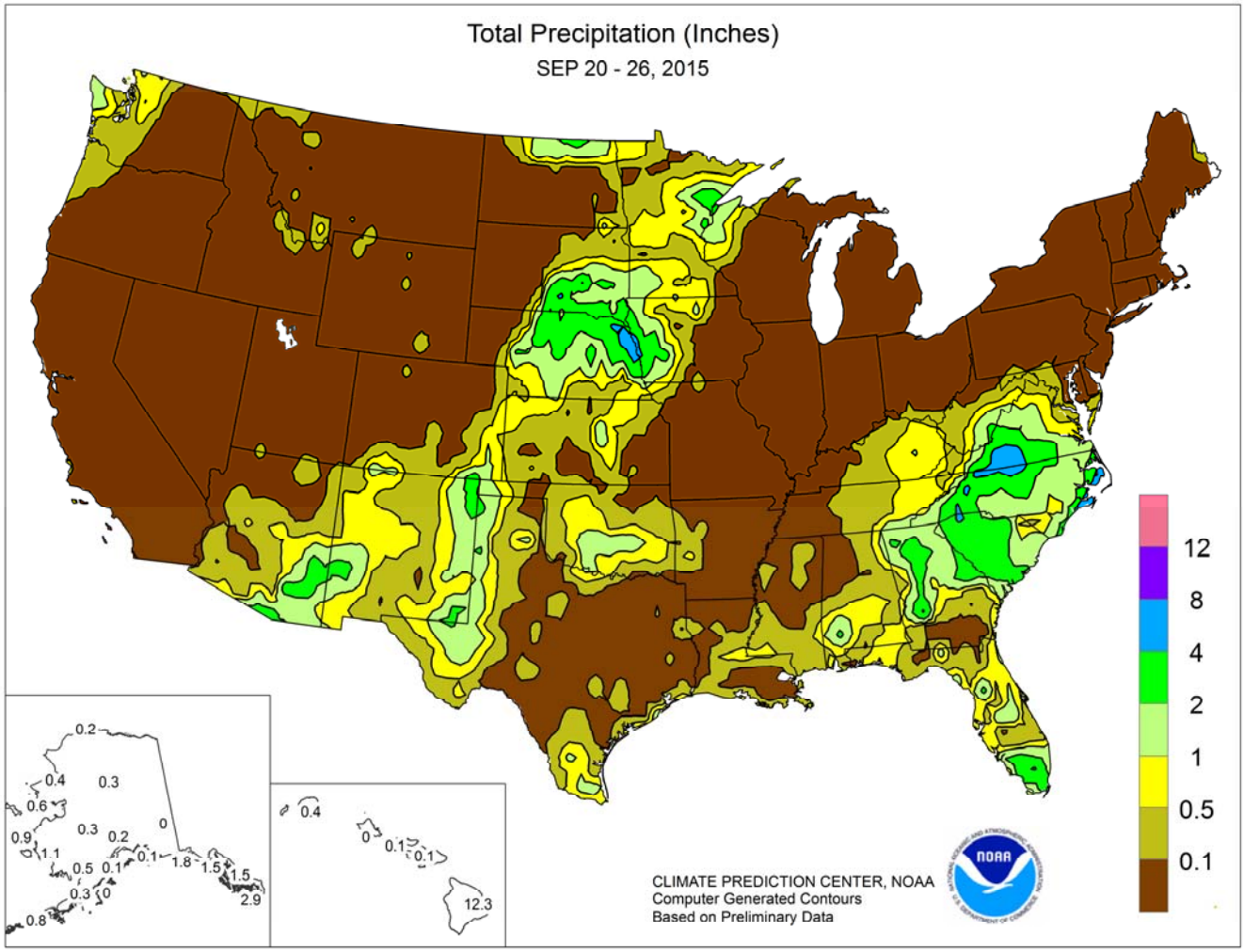
Volume 102, No. 39 http://www.usda.gov/oce/weather September 29, 2015

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

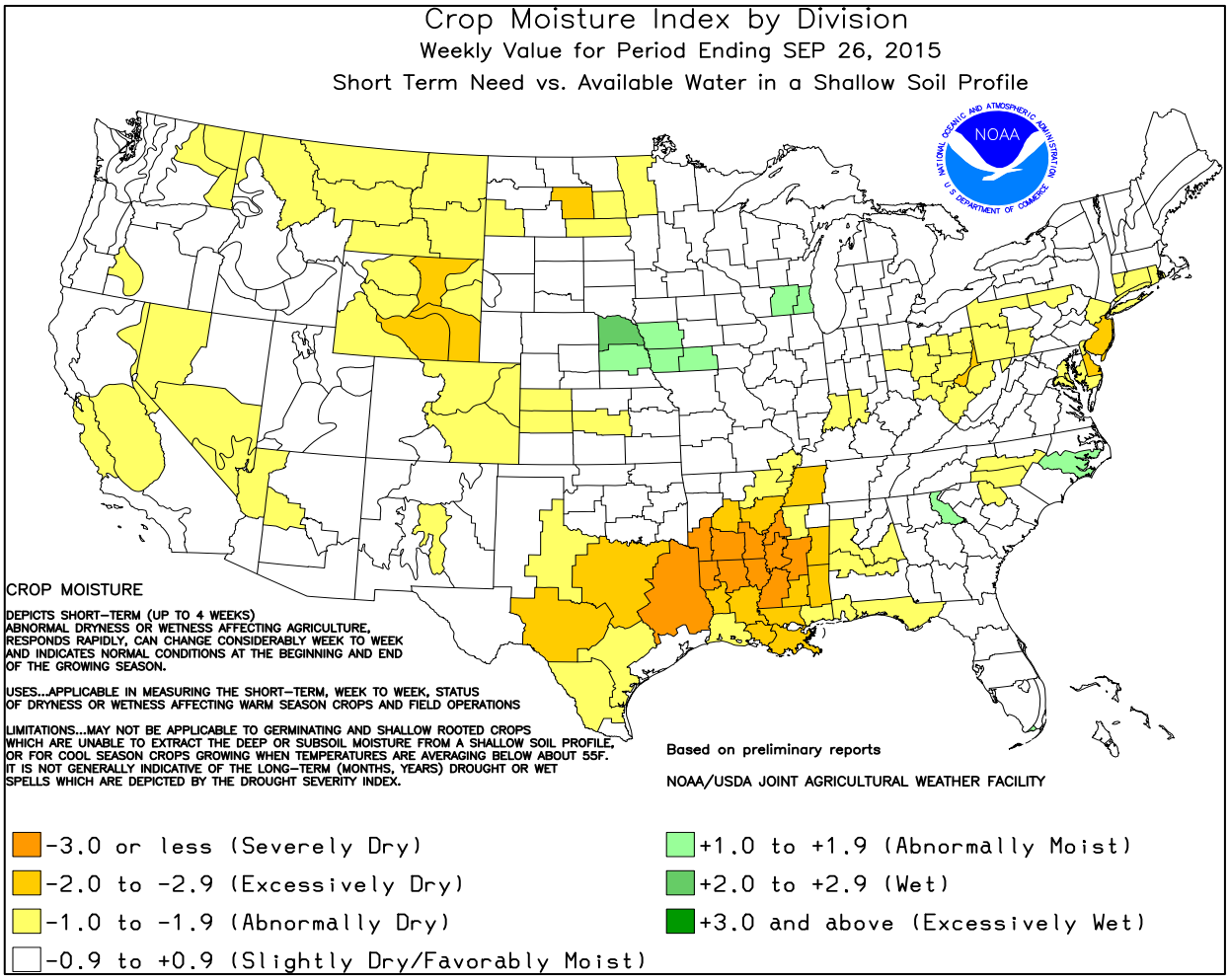
September 20 – 26, 2015

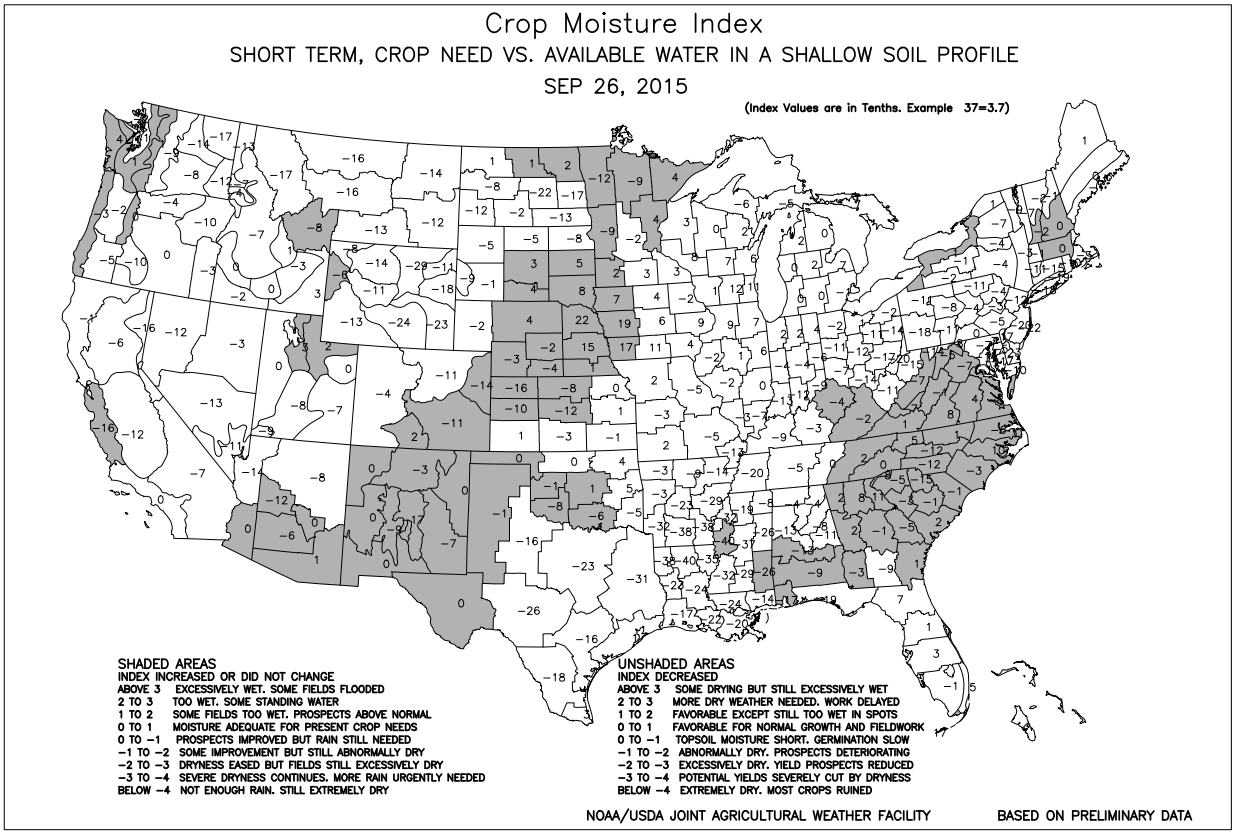
Highlights provided by USDA/WAOB

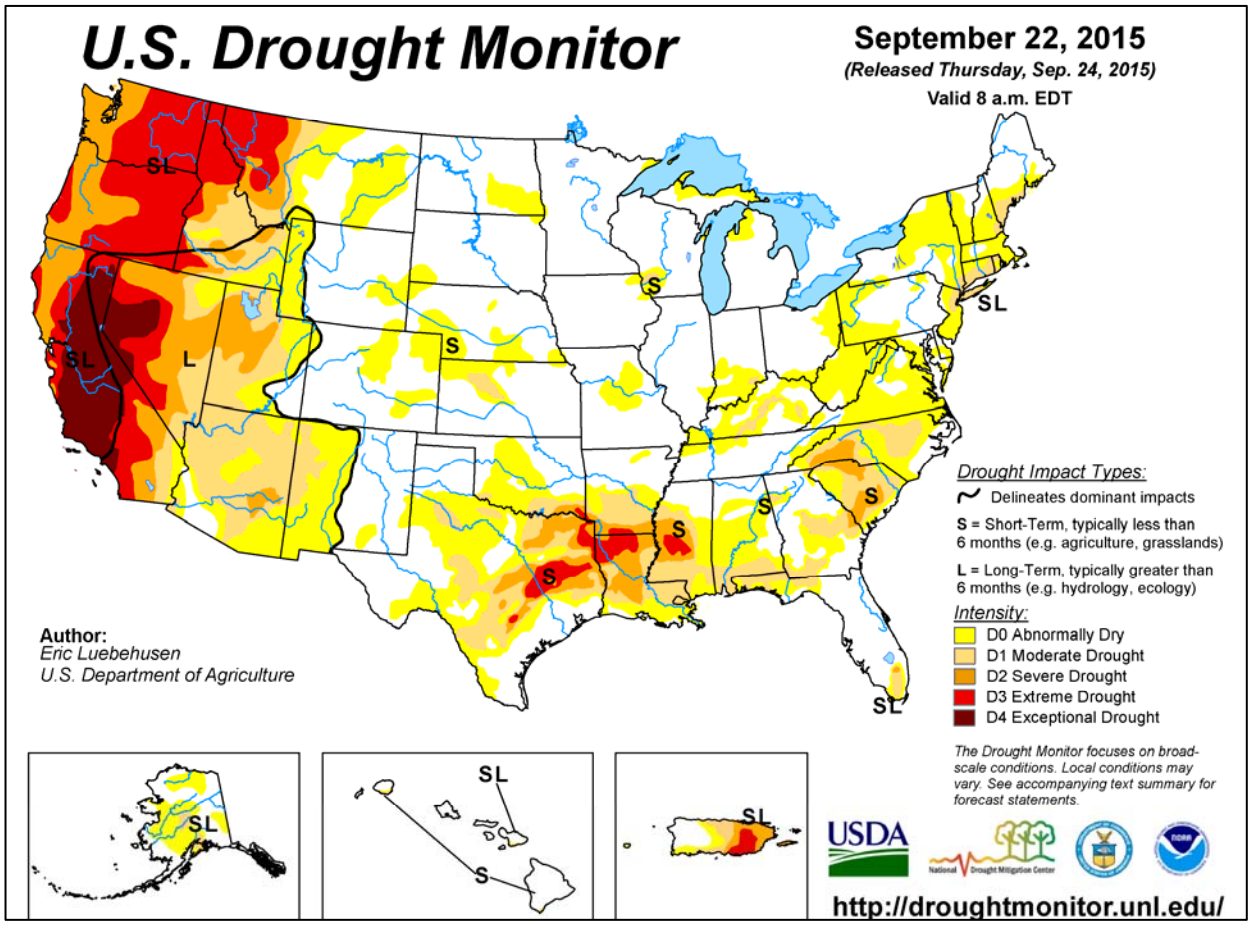
For the second week in a row, dry weather in many parts of the U.S. led to favorable conditions for summer crop maturation and harvesting. In particular, warm, dry weather in the **central and eastern Corn Belt** promoted the development of late-planted corn and soybeans. Mostly dry weather extended southward to the **Mississippi Delta** and the **western Gulf Coast**, favoring fieldwork but further stressing pastures. In contrast, rainy weather in the **Southeast** hampered fieldwork but boosted soil moisture and revived pastures. However, the majority of the cotton

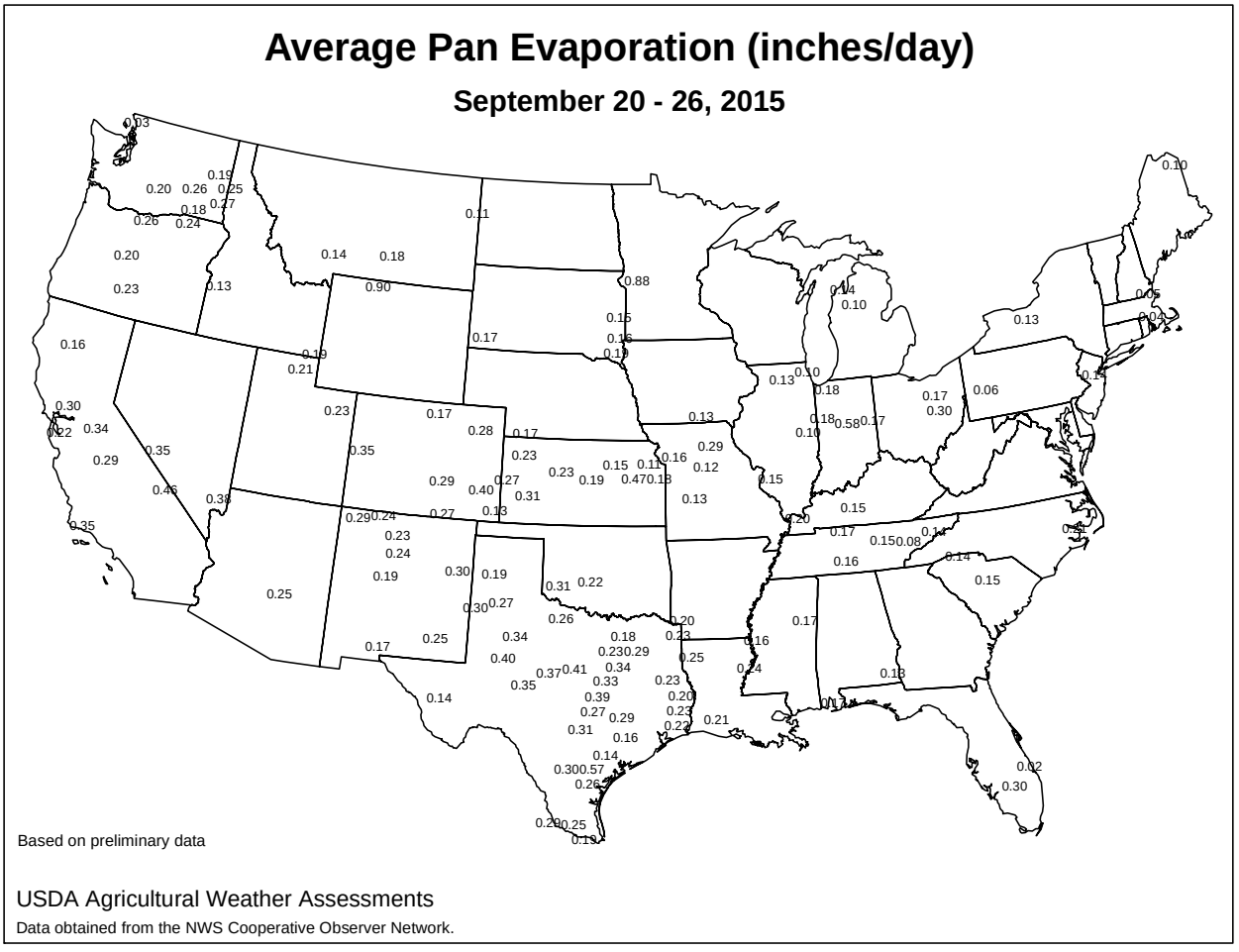
(Continued on page 5)

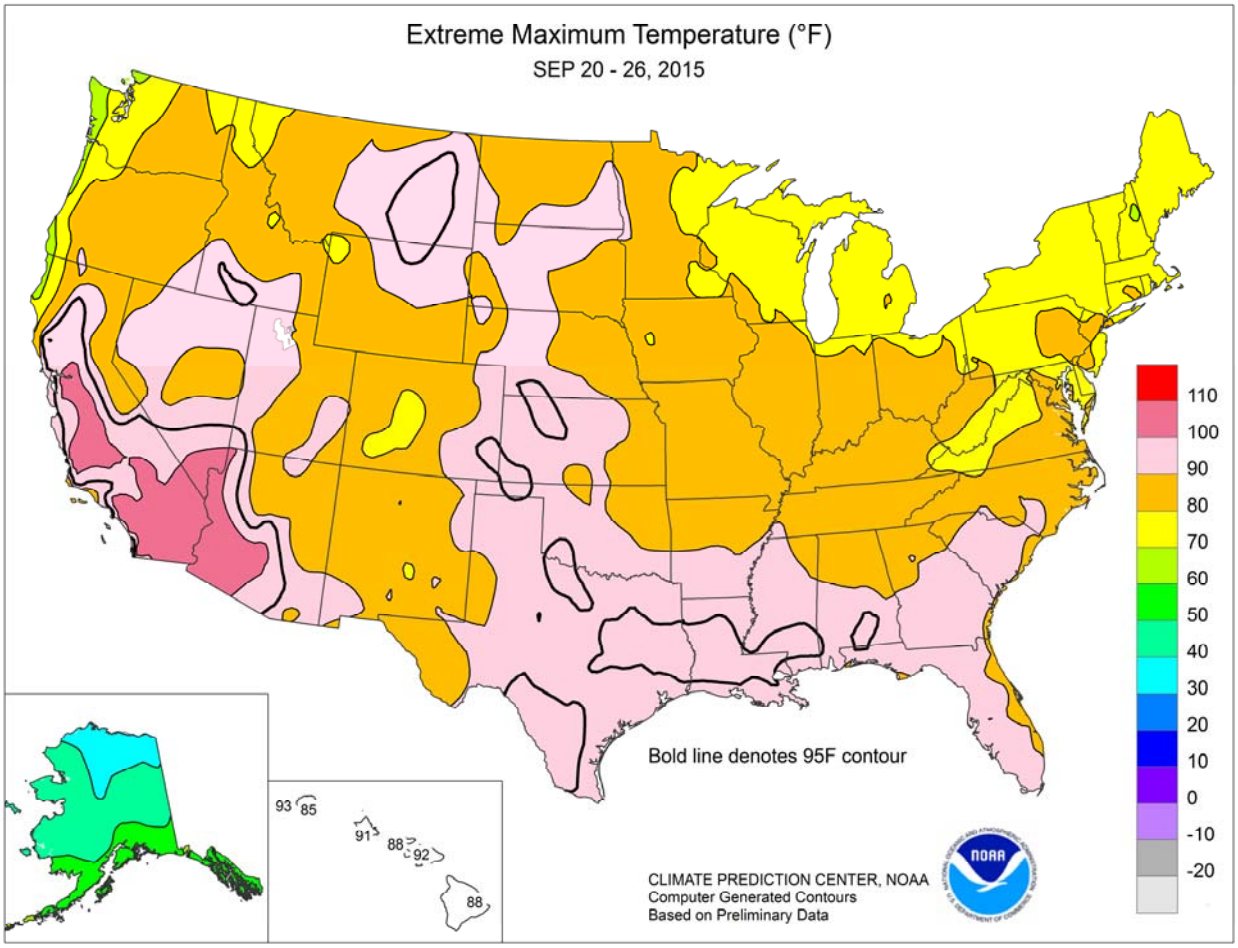
Contents

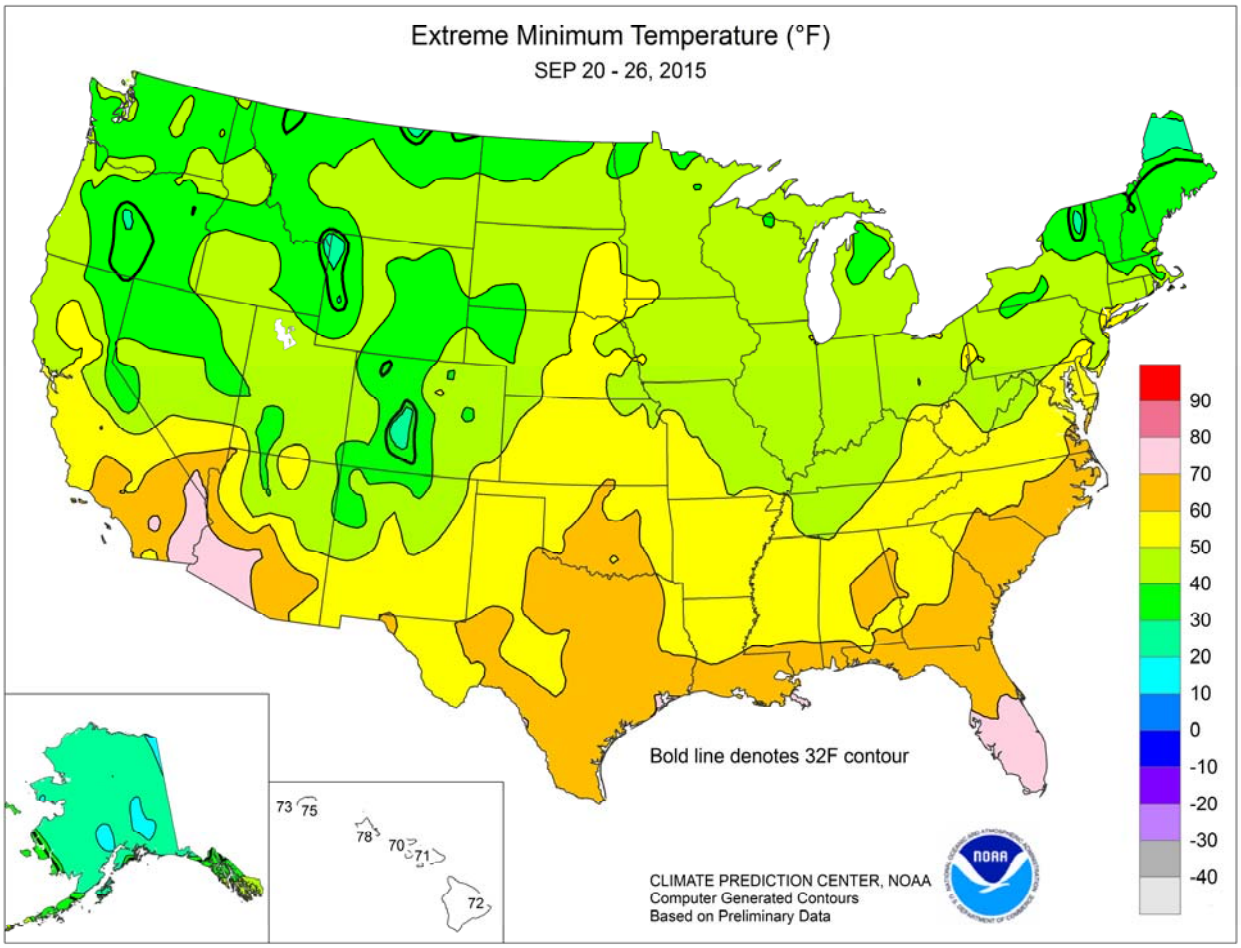

Crop Moisture Index by Division
Weekly Value for Period Ending SEP 26, 2015
Short Term Need vs. Available Water in a Shallow Soil Profile
NOAA
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND 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
SEP 26, 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

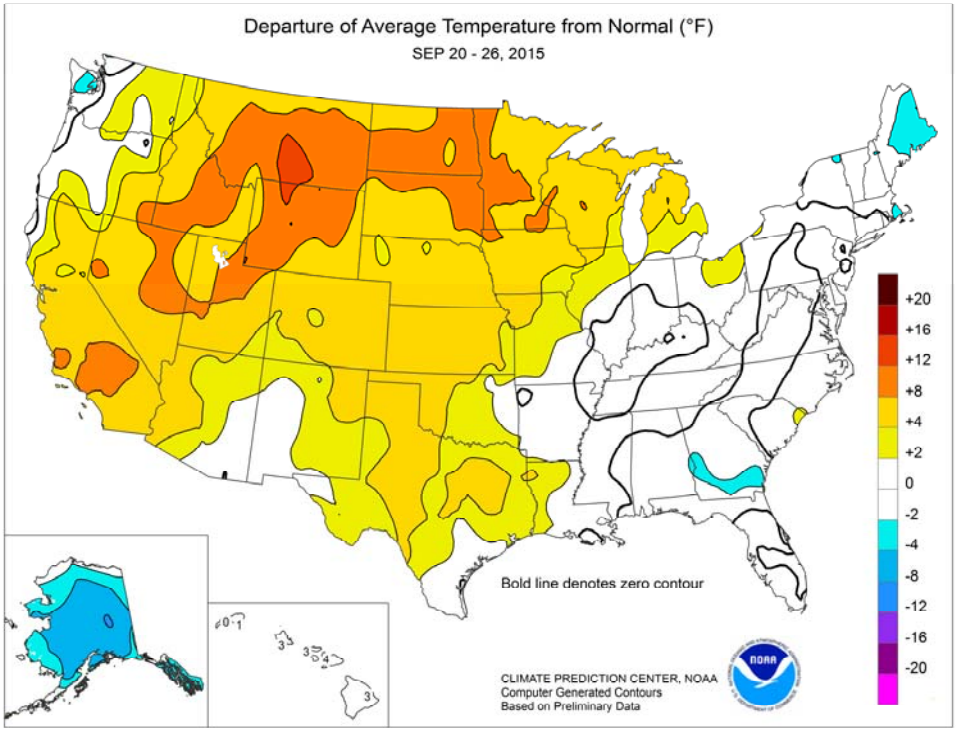

U.S. Drought Monitor
September 22, 2015
(Released Thursday, Sep. 24, 2015)
Valid 8 a.m. EDT
Author:
Eric Luebehusen
U.S. Department of Agriculture
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
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.
USDA
http://droughtmonitor.unl.edu/


Average Pan Evaporation (inches/day)
September 20 - 26, 2015
Based on preliminary data
USDA Agricultural Weather Assessments
Data obtained from the NWS Cooperative Observer Network.


Extreme Maximum Temperature (°F)
SEP 20 - 26, 2015
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
93
85
91
88
92
88
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
SEP 20 - 26, 2015
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
73
75
78
70
71
72
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

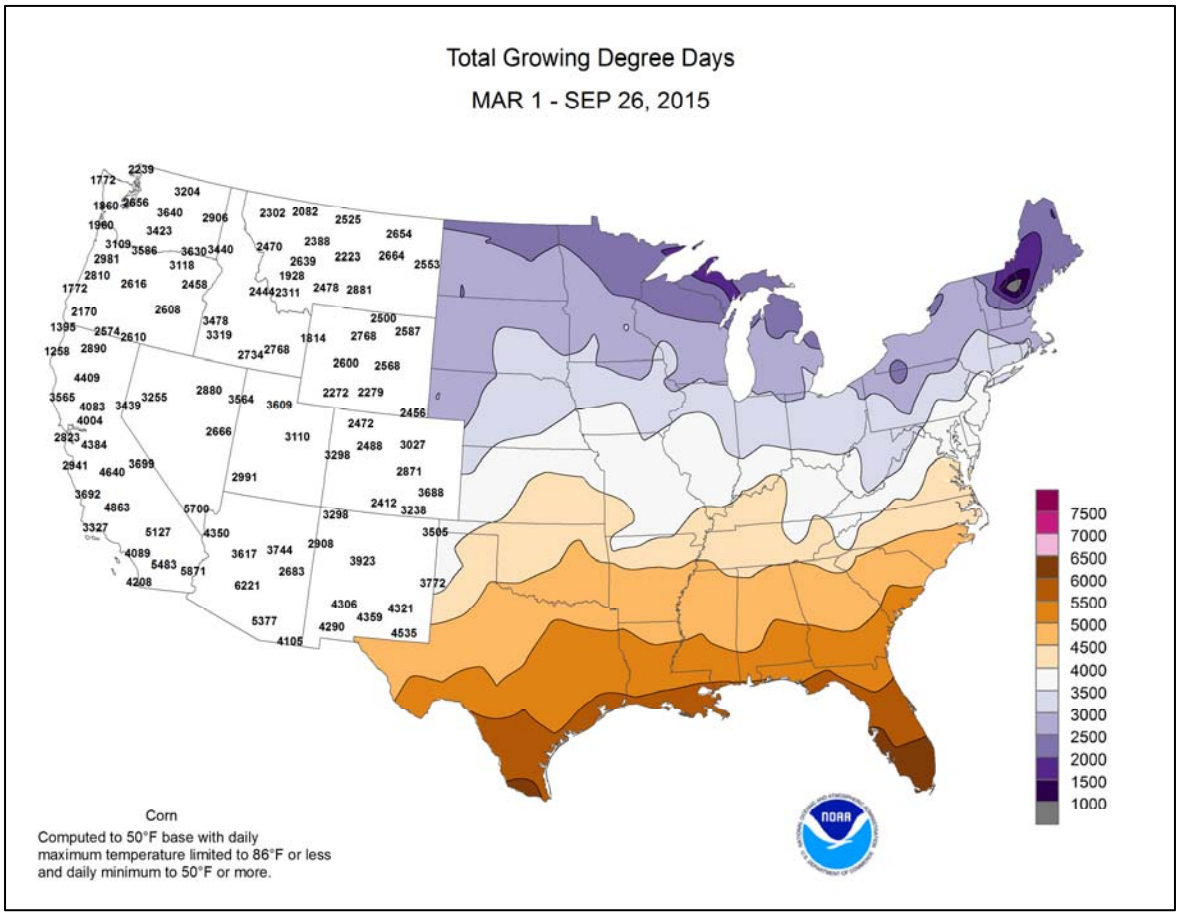
(Continued from front cover)
had open bolls when the heavy rain arrived, raising concerns about crop quality. Farther west, the interaction between remnant moisture associated with Tropical Depression Sixteen-E and a cold front resulted in a band of locally heavy rain across the **nation's mid-section** and parts of the **Southwest**. Some of the heaviest rain, locally 4 inches or more, fell in the **middle Missouri Valley**. Meanwhile, warm, dry weather dominated the **western U.S.**, except in the **Pacific Northwest** and areas affected by the former tropical depression. Weekly temperatures averaged at least 10°F above normal in numerous locations across the **northern Plains**, **upper Midwest**, and **northern Intermountain West**. Near-normal temperatures were mostly limited to the **eastern U.S.** and the **Pacific Northwest**.

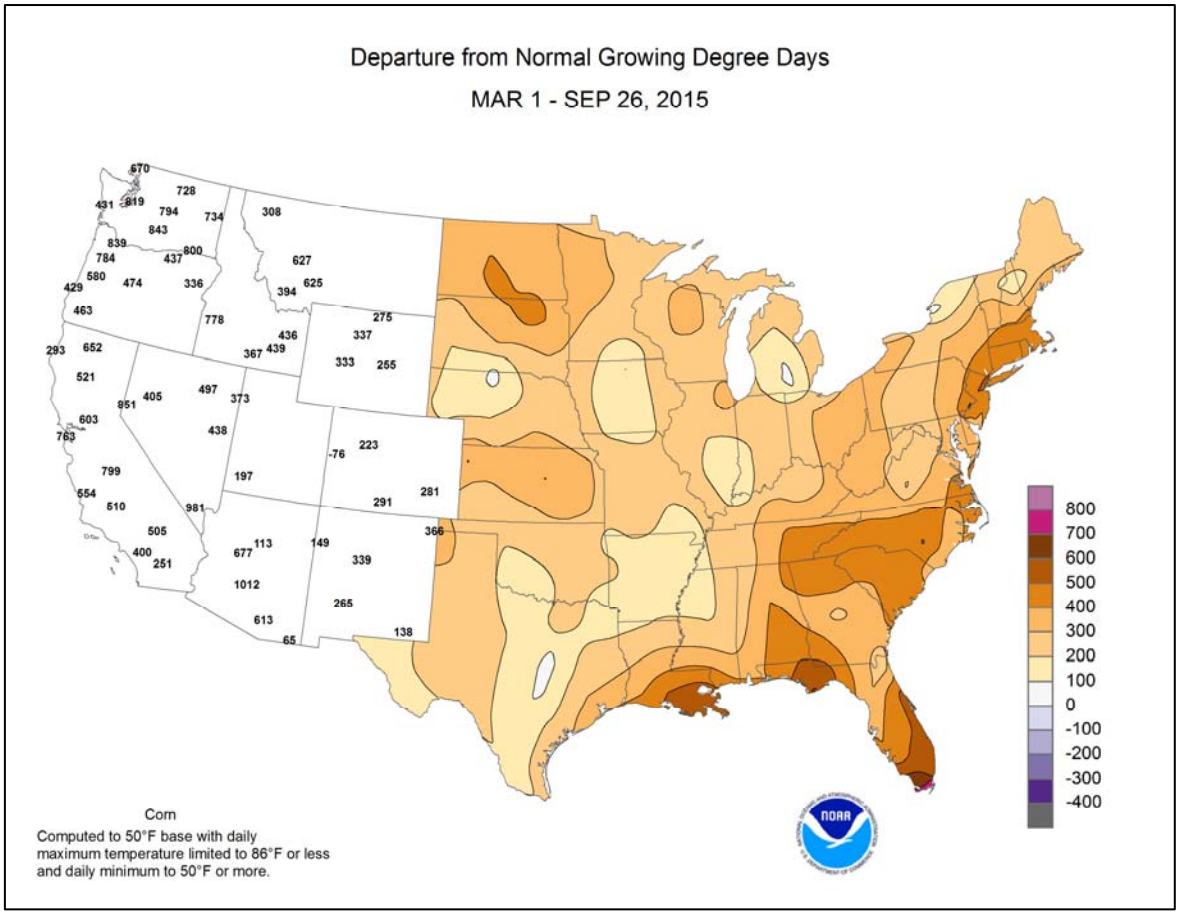


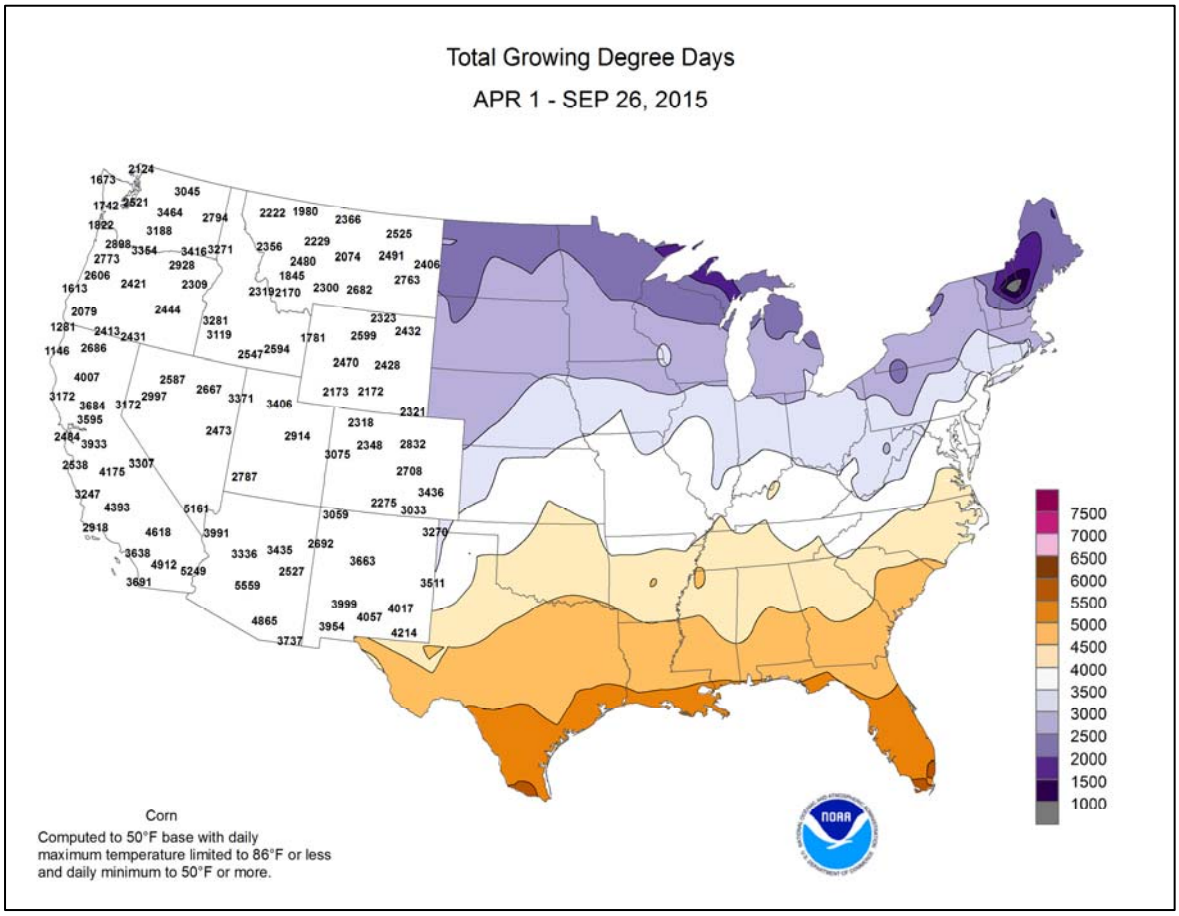
Western warmth was especially prominent early in the week and again at week's end. September 20-21 featured consecutive daily-record highs in **California** locations such as **Sacramento** (99 and 102°F) and **Stockton** (101 and 102°F). In **southern California**, record-setting highs for September 20 included 106°F in **Riverside**; 105°F in **Paso Robles**; and 100°F in **Long Beach**. In **Nevada**, **Ely** posted a trio of daily-record highs (85, 86, and 85°F) from September 20-22. Late-season warmth also reached the **Plains**, where record-setting highs in **Nebraska** climbed to 97°F (on September 22) in **McCook** and 95°F (on September 21) in **Imperial**. Late in the week, warmth further intensified across the **western and central U.S.** On September 24-25, **Needles, CA**, collected consecutive daily-record highs of 110°F. From September 24-26, **Sheridan, WY**, noted three consecutive daily-record highs (90, 94, and 97°F), including its latest-ever reading above the 95-degree mark (previously, 97°F on September 15, 1948). Similarly, a high of 90°F on September 26 in **Lander, WY**, represented the latest 90-degree heat in that location (previously, 90°F on September 22, 1958). In **Montana**, **Miles City** closed the week on September 25-26 with consecutive daily-record highs (97 and 95°F, respectively). Other record-setting highs for September 25 included 95°F in **Boise, ID**; 93°F in **Salt Lake City, UT**; and 92°F in **Elko, NV**.

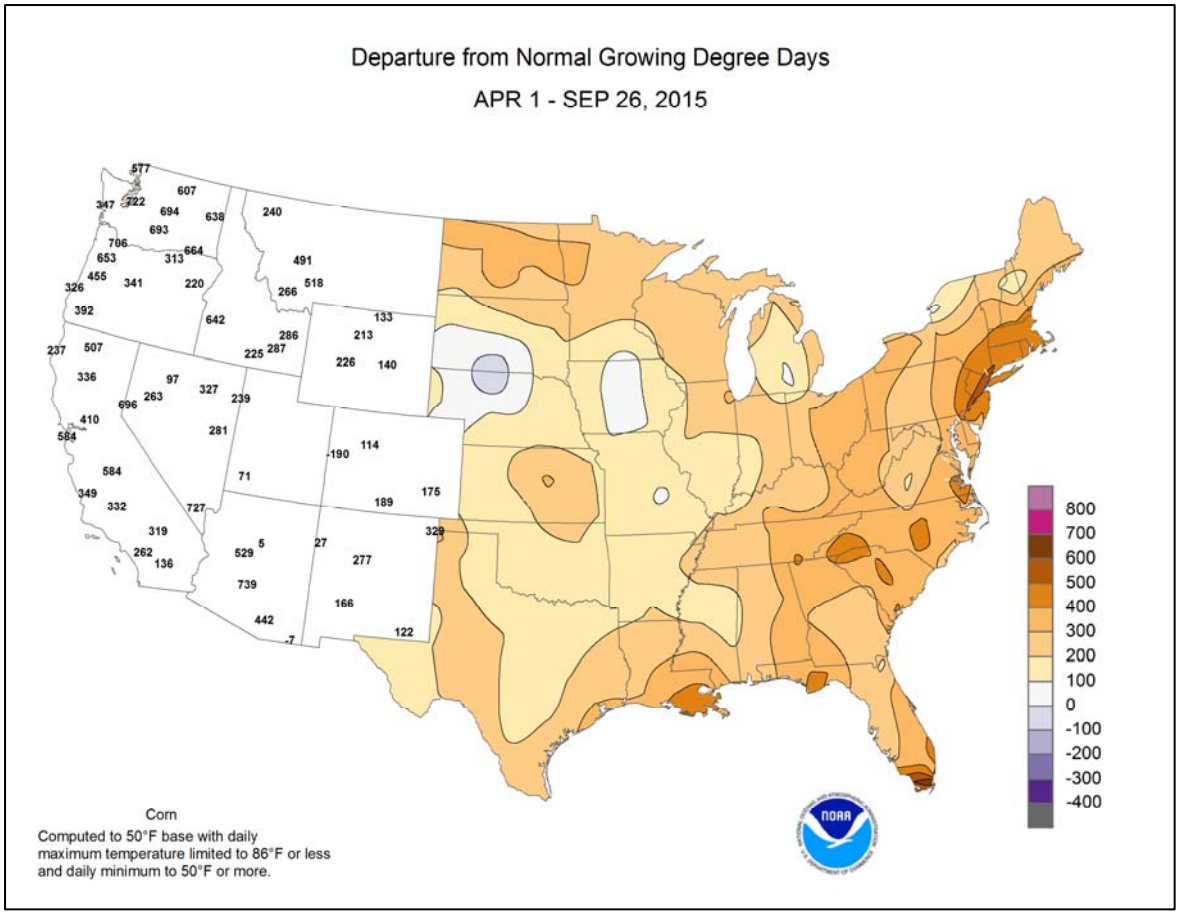
Rain associated with the remnants of T.D. Sixteen-E reached the **Southwest** on September 21. In **southeastern Arizona**, September 21-22 rainfall totaled 2.00 inches in **Nogales** and 1.54 inches in **Safford**. **Safford** also reported a thunderstorm-related wind gust to 43 mph on September 22, while **Tucson, AZ**, clocked a gust to 49 mph. At mid-week, heavy rain erupted across the **westernmost Corn Belt** and environs. In **Nebraska**, record-setting totals for September 23 reached 5.74 inches in **Omaha** and 3.58 inches in **Valentine**. In addition, **Omaha** experienced its wettest day since August 7, 1999, when 6.46 inches fell; wettest September day since September 9, 1965, when 6.24 inches fell; and fourth-wettest day on record. Rain lingered across the **upper Midwest** into September 24, when **Sioux Falls, SD**, netted a daily-record total of 1.51 inches. Meanwhile, rain began to increase in coverage and intensity across the **Southeast**. On September 24, **Columbia, SC**, reported a daily-record sum of 2.84 inches. The following day in **North Carolina**, record-setting totals for September 25 included 3.75 inches on **Cape Hatteras** and 2.11 inches in **Greensboro**. **Danville, VA**, also collected a daily-record amount (3.23 inches) on September 25.

Alaska's cool spell intensified, accompanied by hard freezes and early-season snowfall. Weekly temperatures averaged at least 5°F below normal at most interior locations. Among the **Alaskan** daily-record lows were readings of 18°F (on September 22) in **Nome** and 29°F (on September 24) in **Kodiak**. Meanwhile, **Fairbanks** received 6.7 inches of snow on September 25, representing its third-snowiest September day. Farther south, Tropical Storm Niala moved to within less than 300 miles of **Hawaii's Big Island** before dissipating, but resulted in little more than gusty winds and enhanced shower activity. In fact, some of the **Big Island's** heaviest rain fell prior to Niala's development, when **Hilo** netted a daily-record rainfall (6.91 inches) for September 20. Meanwhile, **Hawaii's** warm weather, fueled by oceanic warmth, continued. In **Kahului, Maui**, where temperatures have reached or exceeded the 90-degree mark on a record-high 68 days in 2015, the last cooler-than-normal day—in terms of daily average temperature—occurred on June 13.


Total Growing Degree Days
MAR 1 - SEP 26, 2015
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
MAR 1 - SEP 26, 2015
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Total Growing Degree Days
APR 1 - SEP 26, 2015
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
APR 1 - SEP 26, 2015
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

National Weather Data for Selected Cities

Weather Data for the Week Ending September 26, 2015

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		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	83	65	89	59	74	2	0.06	-0.90	0.06	1.32	38	43.39	106	92	49	0	0	1	0
	HUNTSVILLE	85	62	90	53	73	2	0.17	-0.85	0.08	0.87	24	42.54	100	85	54	2	0	3	0
	MOBILE	86	65	95	63	76	0	1.63	0.32	1.53	2.05	38	49.12	94	98	57	1	0	2	1
	MONTGOMERY	85	65	95	62	75	0	1.42	0.44	1.42	2.02	55	33.11	79	89	51	1	0	1	1
AK	ANCHORAGE	49	33	54	28	41	-5	0.25	-0.38	0.25	4.80	192	12.11	106	81	67	0	4	1	0
	BARROW	31	25	36	21	28	-1	0.16	0.03	0.05	0.35	59	5.06	150	97	76	0	7	6	0
	FAIRBANKS	41	28	46	20	34	-8	0.56	0.34	0.56	2.06	212	10.02	128	77	67	0	6	1	1
	JUNEAU	51	38	55	32	45	-4	1.50	-0.37	0.75	8.46	137	60.26	159	94	88	0	1	5	2
	KODIAK	54	38	60	29	46	-2	0.03	-1.94	0.03	1.64	26	49.18	96	84	60	0	2	1	0
	NOME	43	30	46	18	37	-4	0.64	0.12	0.41	1.47	64	11.71	94	86	74	0	5	2	0
AZ	FLAGSTAFF	76	41	80	39	59	3	0.47	0.01	0.47	1.25	68	19.66	116	90	23	0	0	1	0
	PHOENIX	100	78	105	72	89	4	0.41	0.24	0.41	0.81	142	5.97	105	56	37	7	0	1	0
	PRESCOTT	86	56	91	50	71	7	0.08	-0.35	0.08	0.34	18	14.28	94	82	22	3	0	1	0
	TUCSON	91	70	97	68	81	1	1.34	1.04	0.87	2.52	207	10.64	118	68	45	5	0	2	1
AR	FORT SMITH	83	62	88	59	72	0	0.41	-0.46	0.41	2.57	85	52.18	168	87	44	0	0	1	0
	LITTLE ROCK	88	62	92	58	75	2	0.00	-0.88	0.00	0.11	4	38.97	109	81	33	4	0	0	0
CA	BAKERSFIELD	97	69	101	64	83	7	0.00	-0.03	0.00	0.00	0	2.66	56	36	19	7	0	0	0
	FRESNO	97	66	102	62	82	9	0.00	-0.06	0.00	0.12	80	3.78	47	47	27	7	0	0	0
	LOS ANGELES	82	70	89	69	76	6	0.00	-0.05	0.00	1.81	905	4.73	48	85	64	0	0	0	0
	REDDING	96	58	100	54	77	5	0.00	-0.11	0.00	0.55	183	7.36	33	63	27	7	0	0	0
	SACRAMENTO	94	58	102	51	76	5	0.00	-0.08	0.00	0.02	7	5.07	41	75	19	6	0	0	0
	SAN DIEGO	84	72	92	70	78	7	0.00	-0.03	0.00	1.24	1033	7.04	90	82	66	1	0	0	0
	SAN FRANCISCO	79	59	93	55	69	5	0.00	-0.03	0.00	0.00	0	3.63	27	78	60	2	0	0	0
	STOCKTON	97	58	102	51	78	6	0.01	-0.07	0.01	0.05	23	2.95	32	62	32	7	0	1	0
CO	ALAMOSA	78	38	81	31	58	5	0.42	0.24	0.23	0.45	59	7.43	132	77	31	0	1	2	0
	CO SPRINGS	81	50	86	47	66	8	0.08	-0.09	0.07	0.29	24	23.12	148	74	17	0	0	2	0
	DENVER INTL	85	53	89	49	69	10	0.00	-0.22	0.00	0.04	5	13.63	117	62	19	0	0	0	0
	GRAND JUNCTION	84	51	89	46	67	4	0.00	-0.21	0.00	0.79	110	9.01	137	45	23	0	0	0	0
	PUEBLO	87	52	93	47	70	7	0.01	-0.11	0.01	0.03	4	15.06	140	63	32	1	0	1	0
CT	BRIDGEPORT	74	58	78	55	66	2	0.00	-0.81	0.00	1.59	51	25.17	76	72	49	0	0	0	0
	HARTFORD	74	48	80	43	61	0	0.00	-0.94	0.00	2.43	68	27.84	82	85	44	0	0	0	0
DC	WASHINGTON	76	63	82	60	69	0	0.23	-0.66	0.23	1.02	31	33.93	115	82	48	0	0	1	0
DE	WILMINGTON	77	58	81	51	67	1	0.00	-0.95	0.00	0.95	28	35.98	111	85	41	0	0	0	0
FL	DAYTONA BEACH	87	72	89	69	79	0	0.44	-1.04	0.42	4.91	84	36.20	94	97	61	0	0	3	0
	JACKSONVILLE	84	68	91	65	76	-1	0.65	-1.13	0.64	8.21	116	39.40	92	96	65	1	0	2	1
	KEY WEST	88	79	91	76	84	1	1.25	0.05	1.15	4.68	97	27.19	93	85	67	2	0	3	1
	MIAMI	89	75	93	73	82	0	2.59	0.78	1.06	9.46	126	39.49	86	93	65	2	0	5	2
	ORLANDO	90	73	91	71	82	1	1.79	0.55	1.75	5.45	104	49.51	122	91	62	5	0	2	1
	PENSACOLA	84	70	88	68	77	0	0.00	-1.26	0.00	0.00	0	45.70	89	84	54	0	0	0	0
	TALLAHASSEE	88	67	95	62	78	0	0.12	-0.93	0.08	2.57	56	39.85	77	89	53	3	0	2	0
	TAMPA	91	75	93	74	83	2	0.26	-1.12	0.17	3.53	58	58.95	155	90	53	5	0	3	0
	WEST PALM BEACH	88	75	89	74	81	0	0.69	-1.12	0.49	8.21	114	39.09	84	94	65	0	0	2	0
GA	ATHENS	78	63	90	58	71	0	1.73	0.92	1.09	2.89	95	37.91	104	94	66	1	0	3	2
	ATLANTA	76	64	89	59	70	-2	1.74	0.78	0.74	3.16	90	44.57	115	86	66	0	0	4	2
	AUGUSTA	82	63	93	60	73	1	3.02	2.25	1.54	3.94	124	30.31	86	96	67	1	0	4	2
	COLUMBUS	80	65	92	61	72	-3	0.58	-0.10	0.25	1.16	43	34.54	92	93	55	1	0	7	0
	MACON	81	63	92	59	72	-1	1.02	0.31	0.73	1.64	57	28.55	81	96	61	1	0	3	1
	SAVANNAH	83	66	92	61	74	-1	0.80	-0.22	0.51	2.16	46	38.31	94	94	65	1	0	2	1
HI	HILO	86	73	88	72	79	3	12.27	10.25	6.48	21.71	266	91.30	102	95	82	0	0	7	4
	HONOLULU	90	80	91	78	85	4	0.01	-0.19	0.01	4.50	1023	15.80	148	73	67	5	0	1	0
	KAHULUI	91	76	92	71	83	4	0.10	0.02	0.06	0.45	145	22.88	184	81	68	6	0	3	0
	LIHUE	84	77	85	75	81	2	0.38	-0.30	0.23	5.11	243	22.59	89	80	74	0	0	5	0
ID	BOISE	86	56	95	50	71	9	0.00	-0.17	0.00	0.62	107	6.73	79	49	25	1	0	0	0
	LEWISTON	80	51	88	49	66	4	0.00	-0.17	0.00	0.65	107	6.76	73	57	39	0	0	0	0
	POCATELLO	86	43	93	39	65	8	0.00	-0.19	0.00	0.86	125	7.78	85	74	27	1	0	0	0
IL	CHICAGO/O'HARE	76	55	80	50	66	4	0.00	-0.65	0.00	4.24	141	27.87	100	90	49	0	0	0	0
	MOLINE	81	52	85	45	67	4	0.00	-0.65	0.00	3.01	106	31.49	105	91	45	0	0	0	0
	PEORIA	83	56	86	51	70	6	0.00	-0.72	0.00	3.24	121	35.48	129	82	33	0	0	0	0
	ROCKFORD	79	54	83	47	67	6	0.00	-0.72	0.00	2.99	96	27.54	95	89	43	0	0	0	0
	SPRINGFIELD	83	53	86	48	68	3	0.00	-0.62	0.00	4.27	173	32.05	118	90	34	0	0	0	0
IN	EVANSVILLE	84	55	88	50	70	3	0.00	-0.67	0.00	0.13	5	37.69	113	86	37	0	0	0	0
	FORT WAYNE	76	51	80	45	63	1	0.00	-0.59	0.00	3.01	121	38.66	139	94	43	0	0	0	0
	INDIANAPOLIS	80	56	84	52	68	3	0.00	-0.62	0.00	1.43	56	37.60	120	80	35	0	0	0	0
	SOUTH BEND	76	50	79	44	63	2	0.00	-0.83	0.00	4.05	122	28.33	96	93	44	0	0	0	0
IA	BURLINGTON	81	55	85	47	68	3	0.00	-0.81	0.00	1.00	32	29.59	99	92	40	0	0	0	0
	CEDAR RAPIDS	78	54	82	46	66	4	0.00	-0.67	0.00	4.13	139	29.77	110	96	47	0	0	0	0
	DES MOINES	80	61	83	50	70	7	0.16	-0.48	0.16	4.51	158	33.67	119	78	54	0	0	1	0
	DUBUQUE	77	54	81	45	66	6	0.00	-0.73	0.00	1.92	59	24.77	87	83	52	0	0	0	0
	SIOUX CITY	77	58	82	48	67	6	2.26	1.73	1.09	2.63	125	26.37	122	93	70	0	0	4	2
	WATERLOO	79	54	83	42	67	6	0.00	-0.61	0.00	1.39	52	26.62	98	89	48	0	0	0	0
KS	CONCORDIA	83	62	95	54	72	6	0.23	-0.33	0.19	1.21	56	23.14	97	88	58	1	0	2	0
	DODGE CITY	84	60	91	55	72	5	0.09	-0.26	0.09	0.88	59	20.57	109	89	44	2	0	1	0
	GOODLAND	84	55	92	49	69	7	0.81	0.59	0.79	0.94	96	17.68	102	93	48	2	0	2	1
	TOPEKA	81	61	85	51	71	5	0.14	-0.69	0.14	7.44	229	40.68	143	91	61	0	0	1	0

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending September 26, 2015

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		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	85	64	91	59	74	5	0.91	0.24	0.75	2.13	84	34.44	141	85	56	1	0	3	1
KY	JACKSON	75	58	82	55	66	0	0.68	-0.17	0.40	1.51	46	47.28	127	93	54	0	0	2	0
	LEXINGTON	79	55	86	48	67	1	0.38	-0.32	0.37	1.36	50	44.65	126	88	46	0	0	2	0
	LOUISVILLE	82	58	87	54	70	2	0.10	-0.60	0.10	0.90	34	43.96	130	83	39	0	0	1	0
	PADUCAH	83	54	88	48	69	2	0.00	-0.85	0.00	0.41	14	40.83	112	93	38	0	0	0	0
LA	BATON ROUGE	90	67	97	63	79	3	0.00	-1.04	0.00	2.07	48	49.46	101	90	41	5	0	0	0
	LAKE CHARLES	91	69	95	63	80	3	0.42	-0.94	0.42	4.51	86	50.47	117	90	45	6	0	1	0
	NEW ORLEANS	88	73	96	70	80	2	0.00	-1.15	0.00	1.52	30	47.91	95	81	52	1	0	0	0
	SHREVEPORT	93	67	95	60	80	5	0.00	-0.79	0.00	0.06	2	44.91	121	74	33	7	0	0	0
ME	CARIBOU	66	39	74	32	52	0	0.13	-0.57	0.13	2.12	74	24.59	89	89	39	0	1	1	0
	PORTLAND	69	46	74	40	57	0	0.01	-0.79	0.01	1.16	42	27.93	88	94	44	0	0	1	0
MD	BALTIMORE	75	59	80	52	67	1	0.07	-0.85	0.07	0.54	16	36.77	116	81	49	0	0	1	0
MA	BOSTON	69	55	75	50	62	-1	0.00	-0.80	0.00	1.43	48	24.22	79	79	51	0	0	0	0
	WORCESTER	68	50	74	42	59	1	0.00	-0.99	0.00	1.63	45	28.35	80	86	43	0	0	0	0
MI	ALPENA	74	45	78	40	60	6	0.00	-0.60	0.00	1.04	42	15.69	72	94	53	0	0	0	0
	GRAND RAPIDS	76	52	80	46	64	5	0.00	-0.95	0.00	2.47	65	24.11	87	94	47	0	0	0	0
	HOUGHTON LAKE	74	44	77	36	59	4	0.00	-0.64	0.00	3.47	123	19.99	91	99	52	0	0	0	0
	LANSING	75	49	78	45	62	3	0.00	-0.73	0.00	1.31	42	27.65	115	94	54	0	0	0	0
	MUSKEGON	75	52	80	45	64	5	0.00	-0.74	0.00	2.34	74	25.45	107	88	53	0	0	0	0
	TRAVERSE CITY	76	52	79	46	64	6	0.00	-0.80	0.00	2.82	90	19.72	80	90	47	0	0	0	0
MN	DULUTH	65	52	77	48	58	5	1.60	0.70	1.32	6.81	184	23.96	96	90	70	0	0	2	1
	INT'L FALLS	68	49	81	35	59	8	0.10	-0.56	0.09	1.15	43	17.63	90	93	58	0	0	2	0
	MINNEAPOLIS	75	59	81	50	67	8	0.42	-0.11	0.25	4.69	190	26.73	111	89	66	0	0	3	0
	ROCHESTER	76	55	78	44	66	9	0.05	-0.60	0.05	2.87	102	28.06	108	90	61	0	0	1	0
	ST. CLOUD	74	54	83	43	64	9	0.19	-0.40	0.15	2.24	84	25.86	115	99	54	0	0	2	0
MS	JACKSON	91	63	93	57	77	3	0.03	-0.70	0.03	0.77	28	37.36	90	87	35	6	0	1	0
	MERIDIAN	87	60	94	54	74	-1	0.09	-0.78	0.09	0.94	30	36.63	82	95	48	1	0	1	0
	TUPELO	85	61	89	53	73	1	0.10	-0.70	0.10	0.11	4	52.67	129	89	53	0	0	1	0
MO	COLUMBIA	82	56	85	49	69	4	0.00	-0.76	0.00	1.14	38	33.50	109	84	41	0	0	0	0
	KANSAS CITY	81	62	85	53	71	5	0.00	-1.12	0.00	5.73	146	37.65	126	88	56	0	0	0	0
	SAINT LOUIS	82	59	86	56	70	2	0.00	-0.68	0.00	2.08	82	41.04	142	77	40	0	0	0	0
	SPRINGFIELD	81	60	85	56	70	3	0.00	-1.11	0.00	4.05	96	39.59	119	80	47	0	0	0	0
MT	BILLINGS	86	54	95	47	70	13	0.00	-0.33	0.00	0.27	25	10.10	86	55	22	2	0	0	0
	BUTTE	77	40	85	36	58	8	0.00	-0.22	0.00	2.36	251	9.17	86	80	20	0	0	0	0
	CUT BANK	75	42	87	34	59	8	0.01	-0.20	0.01	2.45	225	7.93	71	79	27	0	0	1	0
	GLASGOW	79	49	93	43	64	9	0.00	-0.20	0.00	0.45	55	9.95	104	65	42	2	0	0	0
	GREAT FALLS	79	46	89	36	62	9	0.00	-0.25	0.00	2.54	235	10.60	84	74	25	0	0	0	0
	HAVRE	76	44	90	40	60	6	0.00	-0.22	0.00	1.67	188	10.15	104	85	51	1	0	0	0
	MISSOULA	80	42	88	38	61	7	0.00	-0.22	0.00	0.43	46	6.58	61	68	40	0	0	0	0
NE	GRAND ISLAND	79	59	87	52	69	7	1.60	1.10	1.27	3.15	144	19.81	90	93	71	0	0	2	1
	LINCOLN	79	59	84	51	69	5	0.99	0.35	0.44	4.13	159	33.48	142	95	68	0	0	4	0
	NORFOLK	78	58	83	49	68	7	1.63	1.15	0.97	2.31	117	21.70	96	94	72	0	0	3	2
	NORTH PLATTE	79	55	92	48	67	7	1.04	0.76	0.96	1.23	112	17.81	105	91	53	1	0	2	1
	OMAHA	78	59	87	52	69	6	7.41	6.69	5.74	9.01	326	35.84	144	92	73	0	0	3	2
	SCOTTSBLUFF	81	49	89	41	65	7	0.00	-0.28	0.00	1.00	101	20.53	150	87	55	0	0	0	0
	VALENTINE	75	53	92	43	64	5	3.58	3.22	3.58	4.61	344	22.59	133	91	65	1	0	1	1
NV	ELY	85	42	86	35	64	9	0.00	-0.22	0.00	0.51	69	5.49	72	51	17	0	0	0	0
	LAS VEGAS	99	75	102	71	87	8	0.00	-0.06	0.00	0.02	10	3.08	90	32	21	7	0	0	0
	RENO	91	52	94	49	72	11	0.00	-0.08	0.00	0.00	0	4.40	83	40	19	5	0	0	0
	WINNEMUCCA	88	39	92	35	63	5	0.00	-0.11	0.00	0.08	20	6.45	109	44	15	1	0	0	0
NH	CONCORD	71	42	79	37	57	0	0.00	-0.72	0.00	1.54	58	24.89	92	93	38	0	0	0	0
NJ	NEWARK	76	59	81	55	68	2	0.00	-0.92	0.00	1.02	29	28.70	82	72	42	0	0	0	0
NM	ALBUQUERQUE	82	59	87	55	71	4	1.08	0.87	1.05	1.18	127	8.98	124	74	31	0	0	2	1
NY	ALBANY	72	49	77	46	61	2	0.01	-0.72	0.01	3.04	105	26.18	92	85	42	0	0	1	0
	BINGHAMTON	69	48	76	43	59	2	0.01	-0.80	0.01	0.50	16	32.02	111	90	53	0	0	1	0
	BUFFALO	74	52	78	47	63	3	0.00	-0.83	0.00	2.96	87	27.44	94	86	47	0	0	0	0
	ROCHESTER	72	50	76	45	61	2	0.00	-0.74	0.00	2.66	87	28.80	113	92	54	0	0	0	0
	SYRACUSE	73	48	78	42	61	2	0.00	-0.95	0.00	2.07	58	29.59	101	95	47	0	0	0	0
NC	ASHEVILLE	73	58	84	55	66	2	2.13	1.34	1.46	2.79	84	28.88	80	88	68	0	0	3	1
	CHARLOTTE	76	62	91	59	69	-2	0.83	-0.05	0.42	2.01	62	24.94	76	89	62	1	0	3	0
	GREENSBORO	74	61	87	58	67	-1	3.42	2.40	1.96	3.65	100	28.86	87	92	68	0	0	4	3
	HATTERAS	79	71	83	67	75	1	7.99	6.75	3.66	8.82	175	45.52	108	96	78	0	0	6	3
	RALEIGH	77	63	86	60	70	0	2.64	1.64	1.57	3.54	97	37.56	113	90	69	0	0	3	2
	WILMINGTON	82	69	89	65	75	1	2.11	0.60	1.14	4.02	66	43.96	95	93	67	0	0	3	2
ND	BISMARCK	81	51	90	42	66	11	0.02	-0.33	0.02	0.40	29	15.58	110	91	47	1	0	1	0
	DICKINSON	81	50	90	41	65	10	0.00	-0.36	0.00	0.25	19	10.03	73	82	31	1	0	0	0
	FARGO	78	55	93	47	66	10	0.81	0.33	0.81	1.23	66	18.17	105	86	45	1	0	1	1
	GRAND FORKS	76	51	91	37	64	9	0.01	-0.40	0.01	0.84	49	17.64	109	89	44	1	0	1	0
	JAMESTOWN	76	50	90	43	63	7	0.00	-0.39	0.00	0.47	32	20.47	130	94	39	1	0	0	0
	WILLISTON	75	47	88	39	61	7	0.03	-0.27	0.03	2.20	195	10.05	85	81	54	0	0	1	0
OH	AKRON-CANTON	77	53	81	47	65	4	0.00	-0.77	0.00	2.74	91	32.05	109	84	43	0	0	0	0
	CINCINNATI	78	56	84	52	67	1	0.07	-0.52	0.05	1.01	41	33.25	102	87	44	0	0	2	0
	CLEVELAND	73	53	77	50	63	1	0.00	-0.83	0.00	4.68	140	33.11	114	86	52	0	0	0	0
	COLUMBUS	78	55	82	51	67	2	0.00	-0.63	0.00	2.02	78	33.87	114	85	41	0	0	0	0
	DAYTON	79	52	83	47	66	3	0.00	-0.56	0.00	0.77	33	30.50	101	93	37	0	0	0	0
	MANSFIELD	77	51	80	45	64	3	0.00	-0.69	0.00	2.13	68	32.12	97	95	37	0	0	0	0

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***** Not Available**

Weather Data for the Week Ending September 26, 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	75	51	78	47	63	1	0.00	-0.60	0.00	1.18	46	29.52	117	96	47	0	0	0	0
	YOUNGSTOWN	75	49	79	46	62	2	0.00	-0.89	0.00	2.01	59	32.98	114	92	48	0	0	0	0
OK	OKLAHOMA CITY	85	65	92	62	75	4	0.90	-0.09	0.90	1.08	33	43.98	160	88	47	2	0	1	1
	TULSA	84	63	89	60	74	2	0.31	-0.85	0.31	2.95	74	44.70	141	90	57	0	0	1	0
OR	ASTORIA	66	49	68	41	57	-1	0.26	-0.37	0.16	2.18	105	31.30	78	93	71	0	0	3	0
	BURNS	82	35	85	33	59	6	0.00	-0.11	0.00	0.59	155	5.37	73	63	28	0	0	0	0
	EUGENE	76	47	86	39	62	2	0.02	-0.30	0.01	0.76	58	13.41	44	88	58	0	0	2	0
	MEDFORD	86	51	92	48	69	5	0.00	-0.17	0.00	0.25	41	7.71	70	72	30	1	0	0	0
	PENDLETON	77	48	85	42	62	1	0.00	-0.14	0.00	0.81	159	5.82	68	65	38	0	0	0	0
	PORTLAND	73	54	80	46	63	1	0.37	-0.02	0.28	1.26	93	16.96	75	84	67	0	0	2	0
	SALEM	74	50	81	42	62	1	0.19	-0.14	0.13	1.13	99	17.10	72	88	61	0	0	3	0
PA	ALLENTOWN	76	51	82	46	64	3	0.00	-0.98	0.00	2.41	63	29.61	87	82	44	0	0	0	0
	ERIE	73	54	77	48	63	1	0.00	-1.06	0.00	4.56	110	28.26	92	80	55	0	0	0	0
	MIDDLETOWN	75	55	82	53	65	1	0.06	-0.74	0.03	6.41	212	31.03	102	86	42	0	0	3	0
	PHILADELPHIA	77	61	82	57	69	2	0.00	-0.89	0.00	4.79	141	34.98	108	71	43	0	0	0	0
	PITTSBURGH	77	55	81	51	66	4	0.00	-0.70	0.00	1.02	36	28.77	98	84	37	0	0	0	0
	WILKES-BARRE	75	50	82	47	63	3	0.04	-0.86	0.03	0.67	20	21.84	77	86	39	0	0	2	0
	WILLIAMSPORT	75	51	81	49	63	2	0.02	-0.90	0.02	1.83	53	30.09	96	89	45	0	0	1	0
RI	PROVIDENCE	74	53	80	47	64	2	0.00	-0.81	0.00	1.11	34	28.51	84	84	41	0	0	0	0
SC	BEAUFORT	83	68	92	66	76	1	1.13	0.10	1.13	2.49	50	38.57	95	95	62	1	0	1	1
	CHARLESTON	83	69	91	67	76	1	1.20	-0.07	0.80	2.28	42	44.13	105	91	61	1	0	2	1
	COLUMBIA	82	67	94	62	74	1	3.47	2.65	2.86	5.97	166	37.02	95	85	61	1	0	4	1
	GREENVILLE	75	63	89	59	69	-1	2.34	1.40	1.16	5.13	152	33.74	89	90	64	0	0	3	3
SD	ABERDEEN	80	52	92	49	66	9	0.09	-0.30	0.09	0.37	24	17.70	103	90	53	1	0	1	0
	HURON	79	56	88	52	68	9	1.92	1.51	1.01	2.16	140	21.36	120	92	47	0	0	2	2
	RAPID CITY	80	48	89	42	64	6	0.00	-0.24	0.00	0.00	0	22.57	161	84	39	0	0	0	0
	SIOUX FALLS	76	59	81	52	68	9	1.91	1.36	1.51	3.03	132	24.66	120	90	65	0	0	2	1
TN	BRISTOL	79	57	83	54	68	3	0.28	-0.43	0.20	1.86	70	31.03	97	94	52	0	0	3	0
	CHATTANOOGA	81	63	86	59	72	2	1.56	0.55	1.13	2.30	61	42.98	105	90	60	0	0	3	1
	KNOXVILLE	79	62	83	59	70	1	0.61	-0.12	0.51	1.19	46	34.12	93	95	52	0	0	2	1
	MEMPHIS	87	64	91	61	75	2	0.02	-0.74	0.01	1.21	42	35.17	89	75	37	2	0	2	0
	NASHVILLE	82	59	89	52	70	1	0.63	-0.19	0.50	2.07	66	36.51	102	85	41	0	0	2	1
TX	ABILENE	91	67	94	65	79	5	0.29	-0.38	0.17	1.09	44	26.25	147	78	38	6	0	2	0
	AMARILLO	84	60	91	53	72	5	0.06	-0.31	0.04	0.18	11	28.89	173	82	39	2	0	2	0
	AUSTIN	93	64	94	62	79	1	1.15	0.43	1.15	3.66	158	33.23	139	82	38	7	0	1	1
	BEAUMONT	92	69	95	64	80	3	0.15	-1.27	0.15	3.40	64	50.87	115	96	43	7	0	1	0
	BROWNSVILLE	89	71	92	68	80	0	0.78	-0.49	0.30	3.84	85	30.89	154	95	65	3	0	4	0
	CORPUS CHRISTI	90	71	94	67	80	0	0.00	-1.19	0.00	2.46	57	38.47	160	91	53	4	0	0	0
	DEL RIO	95	71	96	64	83	4	0.10	-0.40	0.10	0.50	30	21.13	150	75	40	7	0	1	0
	EL PASO	85	66	90	62	75	1	0.08	-0.27	0.03	0.33	24	7.50	104	80	42	2	0	3	0
	FORT WORTH	92	70	95	67	81	5	0.00	-0.63	0.00	2.14	118	39.08	157	70	31	6	0	0	0
	GALVESTON	89	77	90	76	83	3	0.19	-1.12	0.19	8.79	173	40.36	124	84	56	2	0	1	0
	HOUSTON	92	70	94	67	81	3	0.03	-0.96	0.03	2.42	65	47.81	137	91	46	7	0	1	0
	LUBBOCK	84	62	90	58	73	4	0.47	-0.10	0.27	0.49	22	22.79	149	87	55	2	0	2	0
	MIDLAND	88	66	90	62	77	5	0.11	-0.44	0.09	1.75	93	15.78	140	79	47	2	0	2	0
	SAN ANGELO	92	65	95	58	79	6	0.06	-0.63	0.06	0.45	18	20.71	131	79	38	6	0	1	0
	SAN ANTONIO	93	70	94	67	82	4	0.54	-0.17	0.54	2.33	95	32.37	135	84	34	7	0	1	1
	VICTORIA	92	66	94	62	79	0	0.43	-0.78	0.43	4.20	100	44.49	149	100	54	7	0	1	0
	WACO	95	67	96	63	81	4	0.02	-0.73	0.02	0.33	15	28.50	120	79	34	7	0	1	0
	WICHITA FALLS	88	66	95	63	77	3	1.16	0.41	1.00	1.63	61	35.20	161	85	51	4	0	2	1
UT	SALT LAKE CITY	87	57	93	49	72	9	0.00	-0.33	0.00	1.74	169	12.89	107	54	19	2	0	0	0
VT	BURLINGTON	71	45	78	38	58	1	0.00	-0.85	0.00	1.53	45	26.31	97	87	38	0	0	0	0
VA	LYNCHBURG	71	57	81	56	64	-1	2.47	1.54	1.40	2.63	80	27.37	83	95	64	0	0	5	2
	NORFOLK	77	70	80	67	73	2	0.43	-0.49	0.37	3.61	102	36.73	103	84	68	0	0	2	0
	RICHMOND	77	62	82	56	70	2	0.56	-0.37	0.31	2.54	75	35.24	105	86	63	0	0	3	0
	ROANOKE	71	59	82	55	65	-1	3.23	2.35	1.49	4.33	130	35.74	109	92	71	0	0	4	2
	WASH/DULLES	75	58	80	52	66	1	0.40	-0.47	0.30	0.72	22	28.02	89	82	51	0	0	3	0
WA	OLYMPIA	69	46	74	37	57	0	0.20	-0.27	0.19	0.90	55	24.52	81	92	70	0	0	2	0
	QUILLAYUTE	64	44	66	37	54	-2	2.01	0.96	1.16	6.44	202	53.07	86	96	82	0	0	3	2
	SEATTLE-TACOMA	67	51	73	46	59	-1	0.24	-0.13	0.16	0.82	62	20.43	93	85	66	0	0	2	0
	SPOKANE	74	48	80	43	61	4	0.00	-0.17	0.00	0.52	85	7.73	70	69	26	0	0	0	0
	YAKIMA	80	47	87	38	63	5	0.00	-0.07	0.00	0.01	3	4.31	83	73	40	0	0	0	0
WV	BECKLEY	69	56	77	54	63	1	0.73	-0.03	0.43	2.12	77	39.21	120	85	67	0	0	4	0
	CHARLESTON	77	56	84	54	67	3	0.63	-0.13	0.58	1.36	45	37.78	111	94	48	0	0	2	1
	ELKINS	71	51	79	42	61	1	0.27	-0.58	0.08	1.42	42	38.86	108	91	48	0	0	4	0
	HUNTINGTON	76	56	82	53	66	1	0.46	-0.15	0.33	3.89	159	38.69	119	97	52	0	0	2	0
WI	EAU CLAIRE	75	55	80	42	65	8	0.01	-0.75	0.01	4.51	131	32.07	120	91	49	0	0	1	0
	GREEN BAY	75	53	79	47	64	7	0.00	-0.64	0.00	5.66	201	21.87	95	93	55	0	0	0	0
	LA CROSSE	78	57	81	49	68	7	0.00	-0.70	0.00	2.56	83	25.28	95	92	46	0	0	0	0
	MADISON	76	52	80	46	64	5	0.00	-0.61	0.00	3.96	139	26.95	101	95	48	0	0	0	0
	MILWAUKEE	72	55	79	50	63	2	0.00	-0.69	0.00	3.81	128	21.57	80	93	57	0	0	0	0
WY	CASPER	85	43	91	38	64	9	0.00	-0.25	0.00	0.04	5	10.44	102	69	21	1	0	0	0
	CHEYENNE	81	46	85	43	64	9	0.00	-0.30	0.00	0.10	8	13.99	104	72	25	0	0	0	0
	LANDER	86	49	90	44	67	10	0.00	-0.29	0.00	0.00	0	12.41	122	38	12	1	0	0	0
	SHERIDAN	88	45	97	41	67	12	0.00	-0.33	0.00	0.27	25	13.76	119	70	23	3	0	0	0

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

National Agricultural Summary

September 21 – 27, 2015

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Weekly temperatures were above normal across much of the Corn Belt and most areas west of the Mississippi River. Temperatures were at least 9°F above normal across parts of the northern Rocky Mountains, the northern Great Plains, and the upper Mississippi Valley. Dry conditions facilitated harvest progress of row crops across most of the nation. Major exceptions included eastern Nebraska and southern Virginia, where weekly rainfall totaled more than 4 inches.

Corn: Ninety-seven percent of the 2015 corn crop was dented by September 27, two percentage points ahead of last year but equal to the 5-year average. By week's end, 71 percent of the corn was mature, 14 percentage points ahead of last year but slightly behind the 5-year average. During the week, more than 20 percent of the corn advanced to maturity in Iowa, Minnesota, North Dakota, and Ohio. By September 27, producers had harvested 18 percent of the nation's corn, 7 percentage points ahead of last year but 5 points behind the 5-year average. Harvest progress was behind the 5-year average pace in all estimating states except Ohio and Pennsylvania. Overall, 68 percent of the corn was reported in good to excellent condition, unchanged from last week but 6 percentage points below the same time last year.

Soybeans: Nationwide, 74 percent of the crop was at or beyond the leaf-dropping stage by September 27, eight percentage points ahead of last year and 4 points ahead of the 5-year average. Leaf dropping advanced 33 percentage points during the week in Wisconsin. By week's end, 21 percent of the U.S. soybean crop was harvested, 12 percentage points ahead of last year and 5 points ahead of the 5-year average. During the week, soybean harvest advanced at least 20 percentage points in Illinois, Minnesota, North Dakota, Ohio, and South Dakota. Overall, 62 percent of the soybeans were reported in good to excellent condition, down slightly from last week and 10 percentage points below the same time last year.

Winter Wheat: By September 27, producers had sown 31 percent of the nation's intended 2016 acreage, 9 percentage points behind last year and 4 points behind the 5-year average. Montana producers planted 31 percent of the wheat acreage during the week to reach 69 percent overall, 16 percentage points ahead of the 5-year average. By week's end, 7 percent of the winter wheat had emerged, 6 percentage points behind last year and 4 points behind the 5-year average.

Cotton: By week's end, 69 percent of this year's cotton was at or beyond the boll-opening stage, 6 percentage points ahead of last year but slightly behind the 5-year average. Nationally, 11 percent of the cotton had been harvested by September 27, slightly ahead of last year but slightly behind the 5-year average. During the week, cotton harvest advanced 18 percentage points in Louisiana and 10 points in Mississippi and South Carolina. Overall, 50 percent of the cotton was reported in good to excellent condition, down 2 percentage points from last week but slightly better than the same time last year.

Sorghum: By week's end, 96 percent of the sorghum was at or beyond the coloring stage, 4 percentage points ahead of last year and 7 points ahead of the 5-year average. Crop maturity advanced to 65 percent complete by September 27, seven percentage points ahead of last year and 10 points ahead of the 5-year average. Nationwide, 36 percent of the crop was harvested by week's end, 4 percentage points ahead of both last year and the 5-year average. Overall, 65 percent of the sorghum was reported in good to excellent condition, down slightly from last week but 8 percentage points better than the same time last year.

Rice: Nationally, producers had harvested 69 percent of this year's rice crop by September 27, twelve percentage points ahead of last year and 6 points ahead of the 5-year average. During the week, harvest progress advanced 28 percentage points in Missouri and 20 points in California.

Other Crops: By week's end, 18 percent of the peanut crop was harvested, 7 percentage points ahead of last year and 4 points ahead of the 5-year average. In Georgia, producers have reported delays in peanut maturity due to unseasonably low temperatures. Overall, 71 percent of the peanuts were reported in good to excellent condition, unchanged from last week but 15 percentage points better than the same time last year.

By September 27, producers had harvested 17 percent of the sugarbeet crop, 4 percentage points ahead of both last year and the 5-year average. In Michigan, producers reported high yields, but foliage disease in some areas has kept sugar content below normal.

Crop Progress and Condition

Week Ending September 27, 2015

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

Corn Percent Dented

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
CO	96	97	100	97
IL	99	100	100	99
IN	94	89	96	96
IA	95	95	98	98
KS	97	96	97	99
KY	96	96	99	98
MI	80	85	93	92
MN	95	97	98	97
MO	100	97	100	99
NE	97	93	96	99
NC	100	100	100	100
ND	89	91	97	95
OH	91	94	100	94
PA	92	86	97	93
SD	96	90	95	97
TN	99	98	99	100
TX	99	88	90	98
WI	81	84	91	89
18 Sts	95	94	97	97

These 18 States planted 92% of last year's corn acreage.

Corn Percent Mature

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
CO	36	45	60	53
IL	77	78	89	84
IN	64	52	70	72
IA	55	49	71	76
KS	72	70	86	84
KY	84	83	92	90
MI	34	28	46	56
MN	41	41	67	63
MO	85	70	83	89
NE	61	47	65	69
NC	97	96	99	99
ND	27	27	50	57
OH	45	46	70	53
PA	52	62	74	60
SD	44	45	63	64
TN	92	87	95	94
TX	76	73	76	87
WI	34	26	44	51
18 Sts	57	53	71	72

These 18 States planted 92% of last year's corn acreage.

Corn Percent Harvested

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
CO	5	1	7	10
IL	13	13	30	34
IN	10	8	18	22
IA	2	2	5	14
KS	34	27	42	46
KY	45	35	52	57
MI	1	0	4	9
MN	2	1	3	10
MO	31	27	46	48
NE	6	5	10	16
NC	70	70	80	81
ND	0	0	3	6
OH	6	3	10	10
PA	8	17	24	15
SD	2	2	7	13
TN	53	43	64	71
TX	68	61	63	68
WI	1	1	3	7
18 Sts	11	10	18	23

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

Corn Condition by Percent

	VP	P	F	G	EX
CO	0	3	24	61	12
IL	5	10	30	42	13
IN	9	15	28	36	12
IA	1	3	16	55	25
KS	3	9	31	47	10
KY	1	4	11	51	33
MI	2	6	22	52	18
MN	0	2	10	53	35
MO	6	11	33	40	10
NE	2	5	19	54	20
NC	11	17	30	32	10
ND	1	8	21	58	12
OH	5	15	31	38	11
PA	1	8	22	39	30
SD	0	4	19	58	19
TN	0	2	13	53	32
TX	3	8	33	41	15
WI	1	4	16	53	26
18 Sts	3	7	22	49	19
Prev Wk	3	7	22	49	19
Prev Yr	2	5	19	51	23

Winter Wheat Percent Planted

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AR	2	0	1	4
CA	4	1	2	4
CO	67	45	57	60
ID	46	25	35	40
IL	2	3	4	6
IN	6	3	12	7
KS	29	11	24	27
MI	19	5	17	17
MO	3	1	6	5
MT	68	38	69	53
NE	75	49	69	67
NC	0	0	0	1
OH	13	2	13	8
OK	54	6	21	33
OR	22	9	21	23
SD	59	49	72	57
TX	38	18	24	34
WA	65	53	59	69
18 Sts	40	19	31	35

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

Winter Wheat Percent Emerged

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AR	0	NA	0	0
CA	0	NA	0	0
CO	31	14	23	24
ID	4	4	9	6
IL	0	NA	0	1
IN	1	NA	0	0
KS	12	NA	4	7
MI	1	NA	0	1
MO	0	NA	0	1
MT	5	1	12	8
NE	38	NA	25	27
NC	0	NA	0	0
OH	2	NA	0	0
OK	9	NA	1	7
OR	5	NA	2	4
SD	12	1	20	15
TX	12	NA	2	9
WA	34	27	37	44
18 Sts	13	NA	7	11

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

Crop Progress and Condition

Week Ending September 27, 2015

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

Soybeans Percent Dropping Leaves

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AR	66	48	63	57
IL	65	54	75	69
IN	73	62	81	78
IA	61	48	72	66
KS	53	34	49	55
KY	42	40	57	60
LA	89	85	92	88
MI	66	58	83	71
MN	68	72	89	80
MS	77	74	81	77
MO	45	17	32	44
NE	73	65	78	74
NC	33	34	44	29
ND	85	85	95	90
OH	71	60	86	73
SD	81	73	90	87
TN	56	48	65	60
WI	54	36	69	63
18 Sts	66	56	74	70

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

Soybeans Percent Harvested

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AR	31	22	35	29
IL	6	3	24	12
IN	8	5	23	17
IA	3	1	7	13
KS	2	1	5	6
KY	8	4	19	11
LA	70	66	75	68
MI	2	1	14	8
MN	9	12	34	20
MS	54	46	59	51
MO	3	1	8	4
NE	5	3	13	14
NC	3	2	5	2
ND	8	10	33	22
OH	8	5	25	13
SD	6	3	23	20
TN	10	5	15	14
WI	2	0	4	8
18 Sts	9	7	21	16

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

Soybean Condition by Percent

	VP	P	F	G	EX
AR	5	7	28	49	11
IL	5	12	28	45	10
IN	7	14	31	37	11
IA	1	4	18	55	22
KS	2	8	33	48	9
KY	2	6	20	55	17
LA	5	16	33	42	4
MI	2	7	27	49	15
MN	1	3	17	53	26
MS	3	8	23	43	23
MO	5	17	42	30	6
NE	1	5	20	56	18
NC	7	12	28	43	10
ND	2	8	27	55	8
OH	5	16	32	39	8
SD	0	3	20	57	20
TN	2	5	18	56	19
WI	1	4	14	54	27
18 Sts	3	9	26	47	15
Prev Wk	3	8	26	48	15
Prev Yr	1	5	22	53	19

Cotton Percent Bolls Opening

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AL	74	70	79	71
AZ	79	75	80	90
AR	84	70	89	91
CA	79	75	90	65
GA	84	78	86	80
KS	40	29	39	53
LA	94	95	97	97
MS	82	86	92	87
MO	65	60	73	71
NC	73	77	83	80
OK	84	31	48	70
SC	78	79	84	71
TN	73	57	68	74
TX	50	46	60	62
VA	76	65	80	77
15 Sts	63	57	69	70

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

Cotton Percent Harvested

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AL	12	1	6	8
AZ	9	10	15	13
AR	2	1	9	14
CA	0	0	0	0
GA	6	2	6	7
KS	0	2	3	0
LA	26	14	32	48
MS	8	6	16	21
MO	2	0	0	12
NC	2	1	4	5
OK	0	0	0	1
SC	7	1	11	6
TN	2	2	3	11
TX	17	13	16	15
VA	0	0	0	3
15 Sts	10	7	11	12

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

Cotton Condition by Percent

	VP	P	F	G	EX
AL	0	4	28	62	6
AZ	5	2	16	39	38
AR	4	2	21	37	36
CA	0	0	10	30	60
GA	1	6	25	51	17
KS	0	11	26	52	11
LA	2	19	44	33	2
MS	1	7	34	45	13
MO	1	8	49	36	6
NC	3	9	24	54	10
OK	0	2	34	62	2
SC	2	10	50	36	2
TN	0	2	16	57	25
TX	3	15	44	34	4
VA	0	0	23	74	3
15 Sts	2	11	37	41	9
Prev Wk	2	10	36	43	9
Prev Yr	5	13	33	38	11

Crop Progress and Condition

Week Ending September 27, 2015

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

Sorghum Percent Coloring

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AR	100	100	100	100
CO	83	88	94	90
IL	91	87	90	95
KS	90	91	97	87
LA	100	100	100	100
MO	100	91	95	93
NE	97	94	96	94
NM	68	50	70	58
OK	93	92	96	86
SD	91	91	92	97
TX	95	90	95	92
11 Sts	92	90	96	89

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

Sorghum Percent Mature

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AR	99	98	99	99
CO	43	37	48	36
IL	60	52	67	72
KS	33	37	58	35
LA	100	100	100	100
MO	83	56	70	61
NE	55	35	59	47
NM	9	8	12	6
OK	68	52	64	55
SD	25	22	43	53
TX	89	71	76	79
11 Sts	58	52	65	55

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

Sorghum Percent Harvested

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AR	82	82	91	87
CO	5	0	6	4
IL	9	6	31	18
KS	5	8	15	7
LA	98	95	99	99
MO	22	10	24	18
NE	2	1	2	3
NM	0	0	0	0
OK	31	26	39	28
SD	3	2	4	14
TX	68	61	63	65
11 Sts	32	31	36	32

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

Sorghum Condition by Percent

	VP	P	F	G	EX
AR	2	3	21	59	15
CO	0	10	28	59	3
IL	2	8	45	38	7
KS	2	6	30	53	9
LA	3	13	34	49	1
MO	1	6	46	40	7
NE	0	1	25	57	17
NM	0	1	10	84	5
OK	1	3	23	65	8
SD	0	4	30	59	7
TX	3	6	24	51	16
11 Sts	2	6	27	54	11
Prev Wk	2	6	26	54	12
Prev Yr	3	9	31	46	11

Peanuts Percent Harvested

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AL	10	11	20	9
FL	18	20	47	29
GA	10	7	12	12
NC	8	2	6	9
OK	0	0	10	2
SC	29	5	13	24
TX	2	15	17	8
VA	2	5	7	2
8 Sts	11	9	18	14

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

Peanut Condition by Percent

	VP	P	F	G	EX
AL	0	7	21	56	16
FL	1	5	23	62	9
GA	0	4	21	52	23
NC	2	5	23	60	10
OK	0	1	10	82	7
SC	2	6	38	50	4
TX	0	1	44	48	7
VA	0	0	26	72	2
8 Sts	0	4	25	55	16
Prev Wk	0	4	25	54	17
Prev Yr	4	12	28	47	9

Rice Percent Harvested

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
AR	59	57	72	68
CA	12	15	35	13
LA	96	95	98	98
MS	69	59	76	72
MO	44	20	48	56
TX	98	97	98	99
6 Sts	57	55	69	63

These 6 States harvested 100% of last year's rice acreage.

Sugarbeets Percent Harvested

	Prev Year	Prev Week	Sep 27 2015	5-Yr Avg
ID	23	10	15	13
MI	13	15	20	13
MN	10	15	17	12
ND	9	15	17	13
4 Sts	13	14	17	13

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

Crop Progress and Condition

Week Ending September 27, 2015

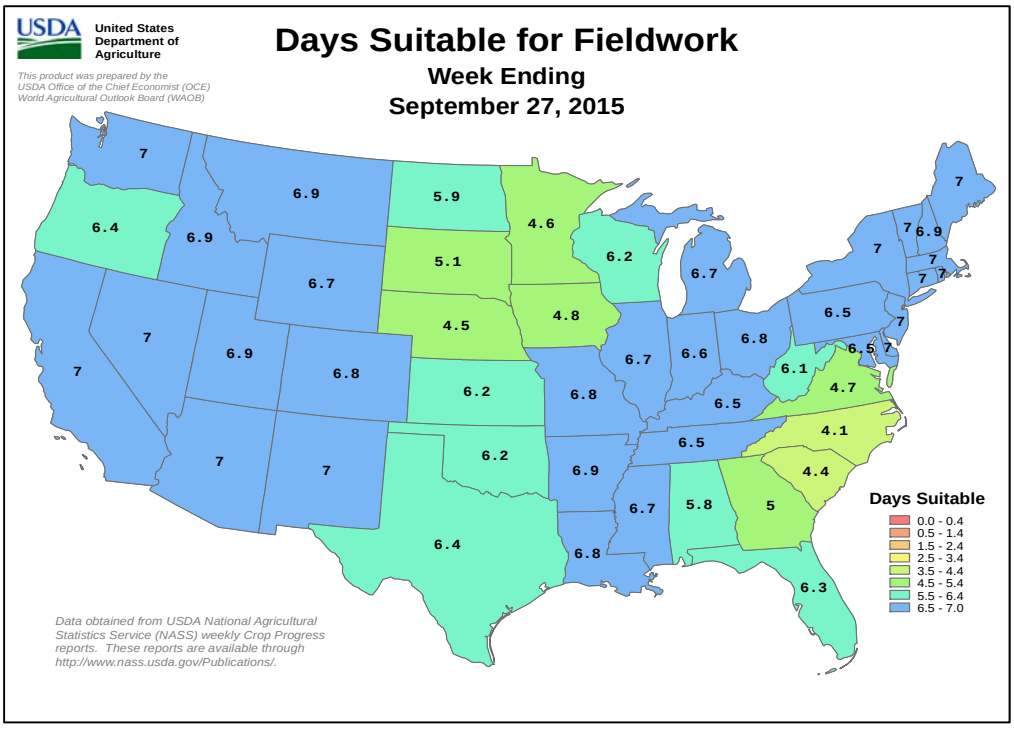
Weekly U.S. Progress and Condition Data provided by USDA/NASS

Pasture and Range Condition by Percent
Week Ending Sep 27, 2015

	VP	P	F	G	EX		VP	P	F	G	EX
AL	0	16	43	39	2	NH	6	7	43	44	0
AZ	9	8	34	39	10	NJ	16	7	36	11	30
AR	8	15	37	32	8	NM	4	7	35	43	11
CA	40	25	20	10	5	NY	0	10	36	43	11
CO	1	17	26	47	9	NC	21	24	30	21	4
CT	11	45	40	4	0	ND	1	13	37	45	4
DE	9	28	43	17	3	OH	4	13	43	33	7
FL	1	3	26	52	18	OK	5	10	37	41	7
GA	2	6	31	53	8	OR	29	38	27	6	0
ID	10	20	37	30	3	PA	15	31	29	15	10
IL	3	10	37	43	7	RI	0	22	60	18	0
IN	9	17	38	32	4	SC	2	16	50	30	2
IA	1	7	26	52	14	SD	2	9	36	48	5
KS	3	10	34	45	8	TN	3	12	34	48	3
KY	6	16	30	43	5	TX	10	25	38	22	5
LA	8	22	41	26	3	UT	1	11	38	47	3
ME	0	13	37	46	4	VT	5	2	41	43	9
MD	9	16	29	26	20	VA	7	21	38	30	4
MA	0	18	42	40	0	WA	45	30	15	10	0
MI	2	7	34	47	10	WV	5	21	27	44	3
MN	2	8	19	63	8	WI	3	10	24	46	17
MS	8	23	36	28	5	WY	0	6	28	59	7
MO	1	7	43	40	9	48 Sts	7	15	35	37	6
MT	11	25	44	18	2						
NE	3	8	27	55	7	Prev Wk	6	14	34	39	7
NV	15	20	40	25	0	Prev Yr	6	13	32	41	8

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

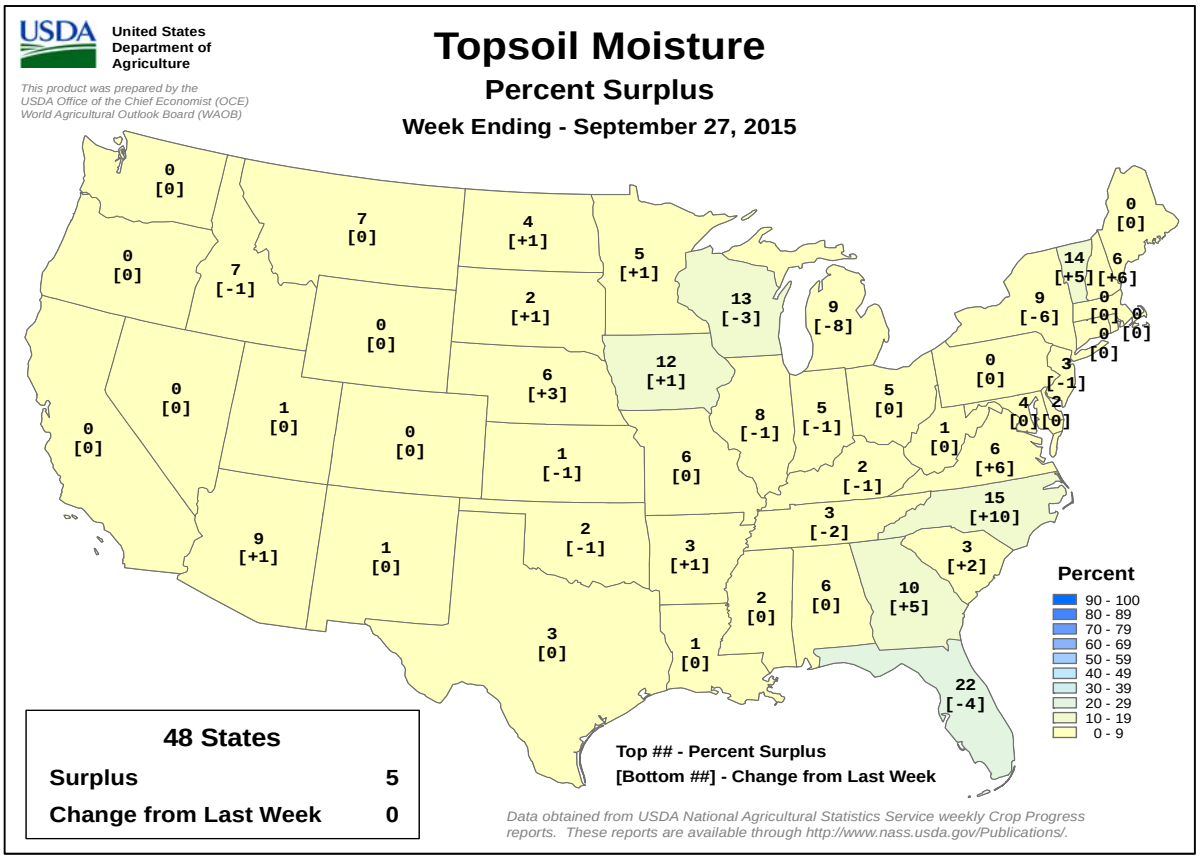
NA - Not Available
*** Revised**

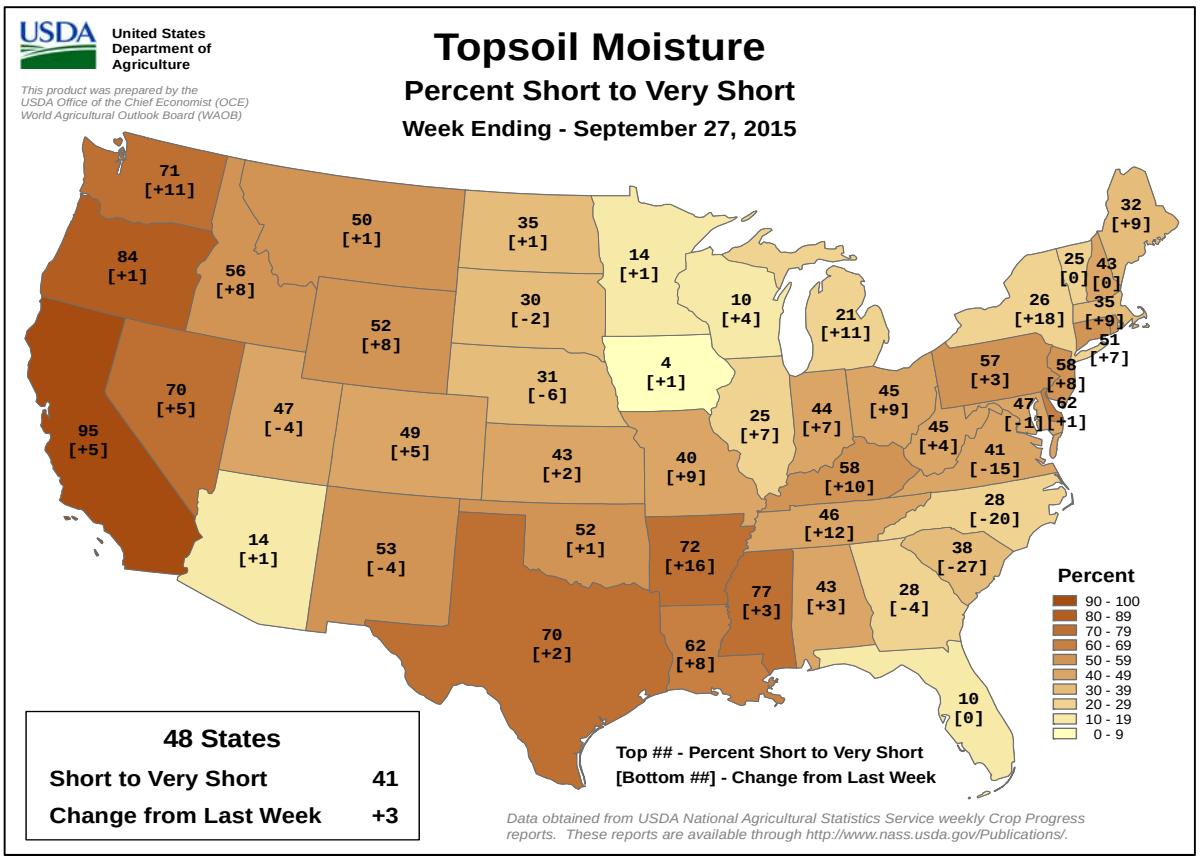


Crop Progress and Condition

Week Ending September 27, 2015

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





Crop Progress and Condition

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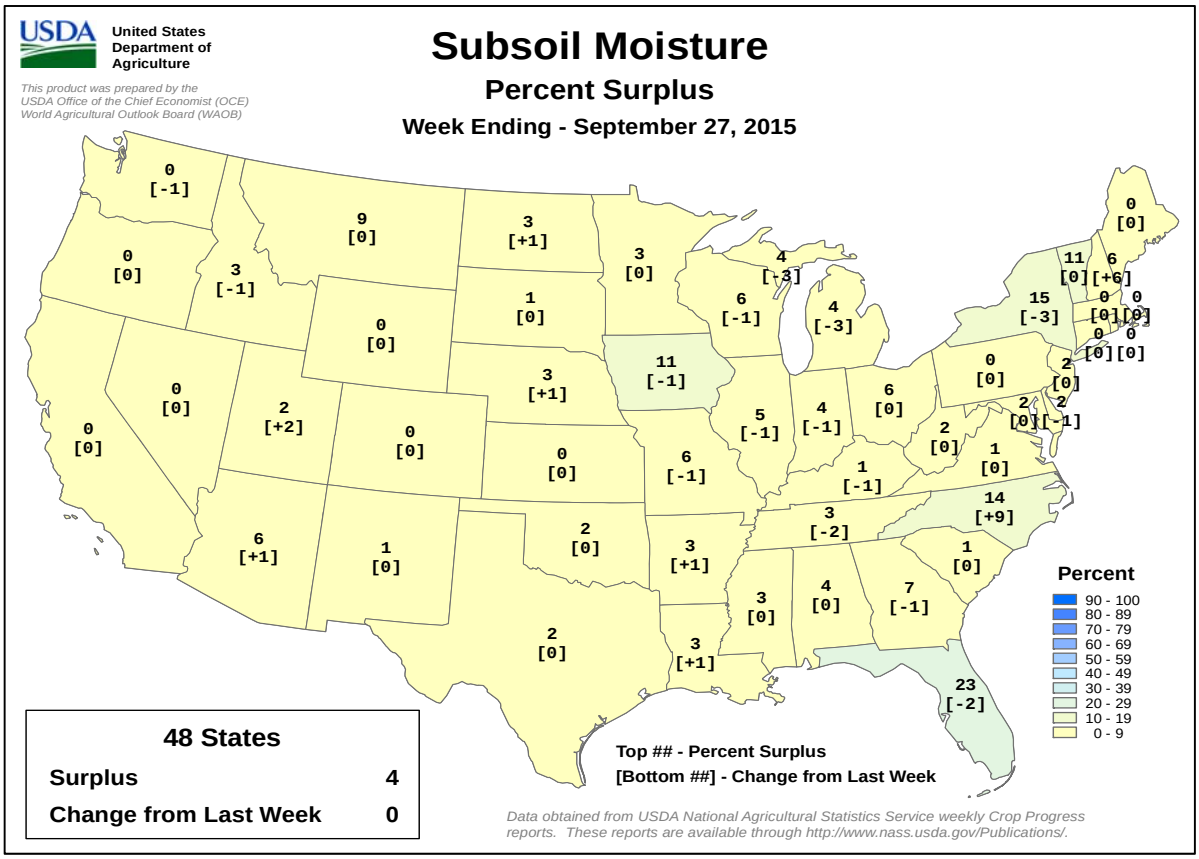
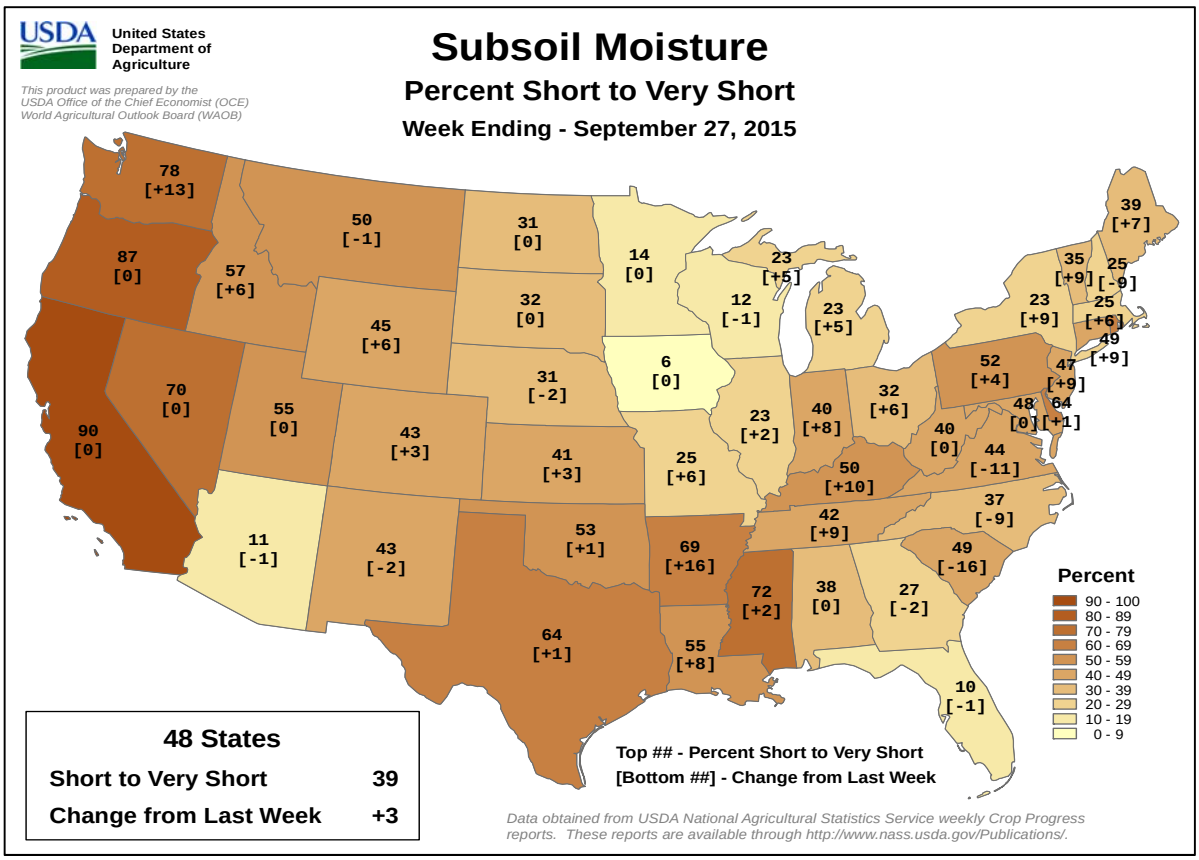




International Weather and Crop Summary

September 20-26, 2015

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

HIGHLIGHTS

EUROPE: Rain shifted south and east during the period, allowing fieldwork to resume in the northwest while improving soil moisture in the Balkans.

WESTERN FSU: Developing drought raised concerns for winter wheat establishment over much of the region.

EASTERN FSU: Cool, unsettled weather in the east slowed spring wheat drydown and harvesting, while seasonably dry conditions accelerated cotton harvesting in the south.

MIDDLE EAST: Showers boosted soil moisture for winter grain planting and establishment in Turkey.

SOUTH ASIA: Monsoon showers in northern India brought unwelcomed wetness to maturing cotton and rice, but benefited crops in other parts of the country.

EAST ASIA: Wet weather slowed summer crop maturation and harvesting in China.

SOUTHEAST ASIA: Rice throughout the region continued to receive adequate rainfall, but longer-term water supplies remained perilously low.

AUSTRALIA: Mostly dry weather persisted in the wheat belt, reducing soil moisture for wheat and other winter crops.

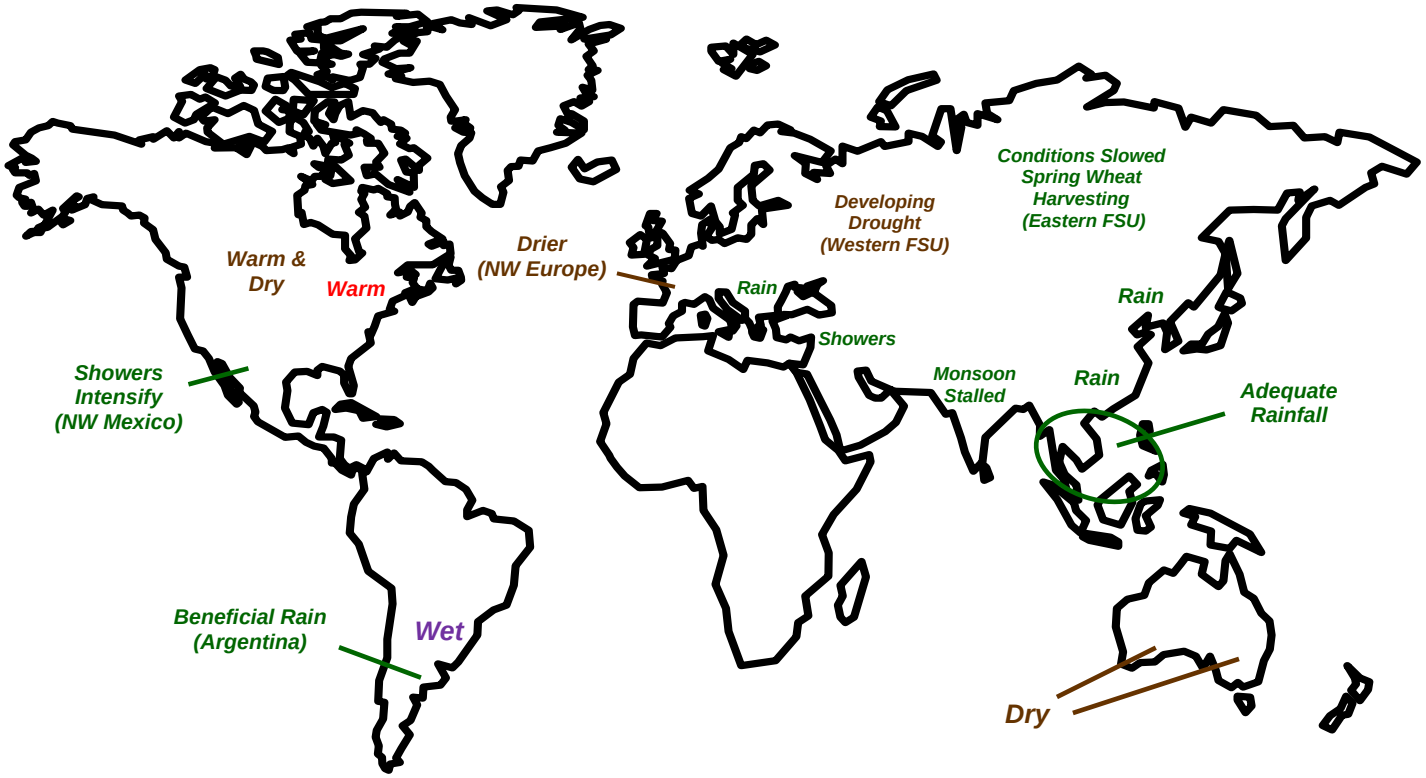
ARGENTINA: Rain provided needed moisture for winter grains in southern production areas.

BRAZIL: Untimely wetness returned to southern wheat areas.

MEXICO: Monsoon showers increased over the northwest, but drier conditions favored maturing summer crops on the southern plateau.

CANADIAN PRAIRIES: Warm, mostly dry weather supported spring grain and oilseed harvesting.

SOUTHEASTERN CANADA: Warm, sunny weather favored maturation and drydown of summer crops, while aiding winter wheat planting.



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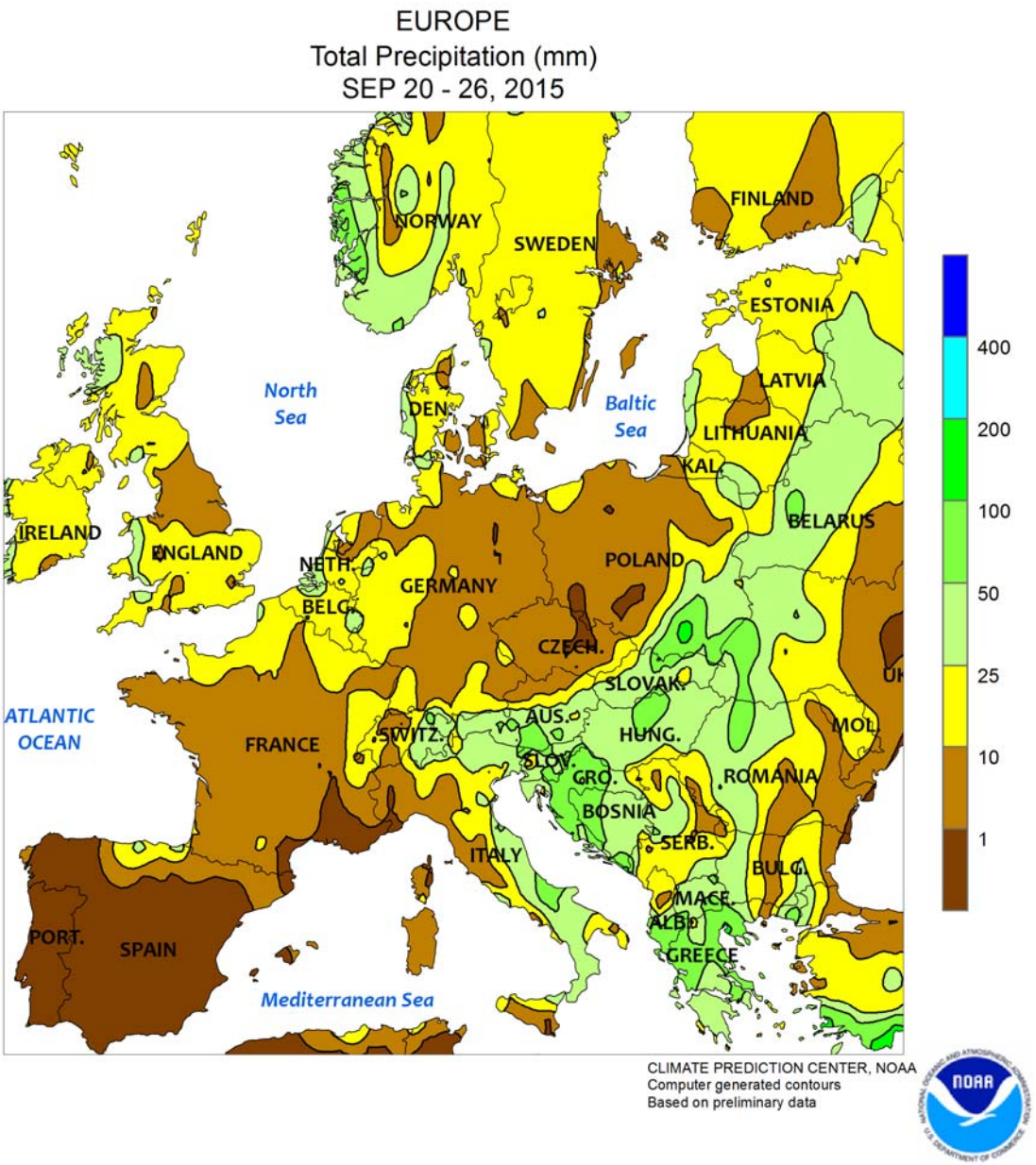

EUROPE

Rain shifted south and east during the period, enabling fieldwork to resume in the north and west while improving soil moisture in the south and east. Early-week showers (2-20 mm, locally more) sustained favorable soil moisture for winter crop establishment in the United Kingdom, France, Germany, and the Low Countries. As the storm system responsible for the rain moved southeast, drier weather overspread the same locales, allowing summer crop harvesting and winter crop planting to resume. In contrast, early-week warmth and dryness accelerated summer crop harvesting and winter crop planting in Poland and the Balkans before late-week rain (10-65 mm) halted fieldwork but improved soil moisture for winter crop establishment. Farther west, rainy weather in Italy (10-30 mm) allowed northern crop regions to further recover from summer heat and dryness, while sunny skies promoted corn and sunflower harvesting on the Iberian Peninsula.

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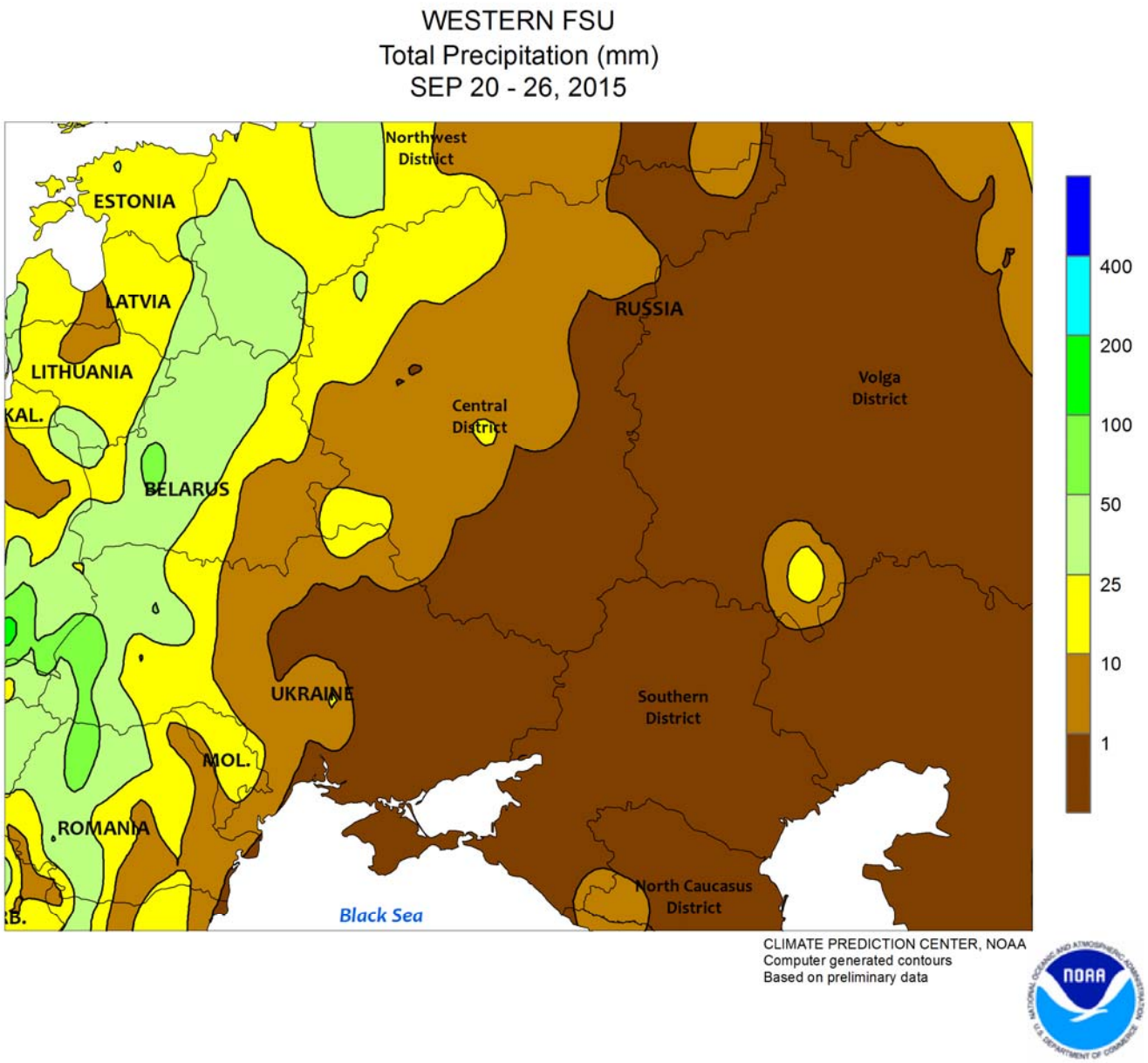

WESTERN FSU

Developing drought raised concerns for proper winter grain establishment over much of the region. Despite some pockets of showers, generally dry weather has prevailed from central Ukraine into central and southern Russia since late July. In addition, these same locales have been consistently warmer than normal, with temperatures during the past week averaging up to 10°C above average. The lack of rain and ongoing late-summer and early-autumn heat have increased evapotranspiration rates and soil moisture losses, likely forcing many producers to "dust in" winter wheat in hopes of timely rain over the next several weeks. While the pronounced short-term drought was raising concerns for winter wheat establishment, the sunny, hot weather maintained a rapid summer crop harvesting pace. Meanwhile, western crop districts (Moldova northward into Belarus and northwestern Russia) received 10 to 65 mm of rain, easing summer dryness and providing much-needed soil moisture for winter crops.

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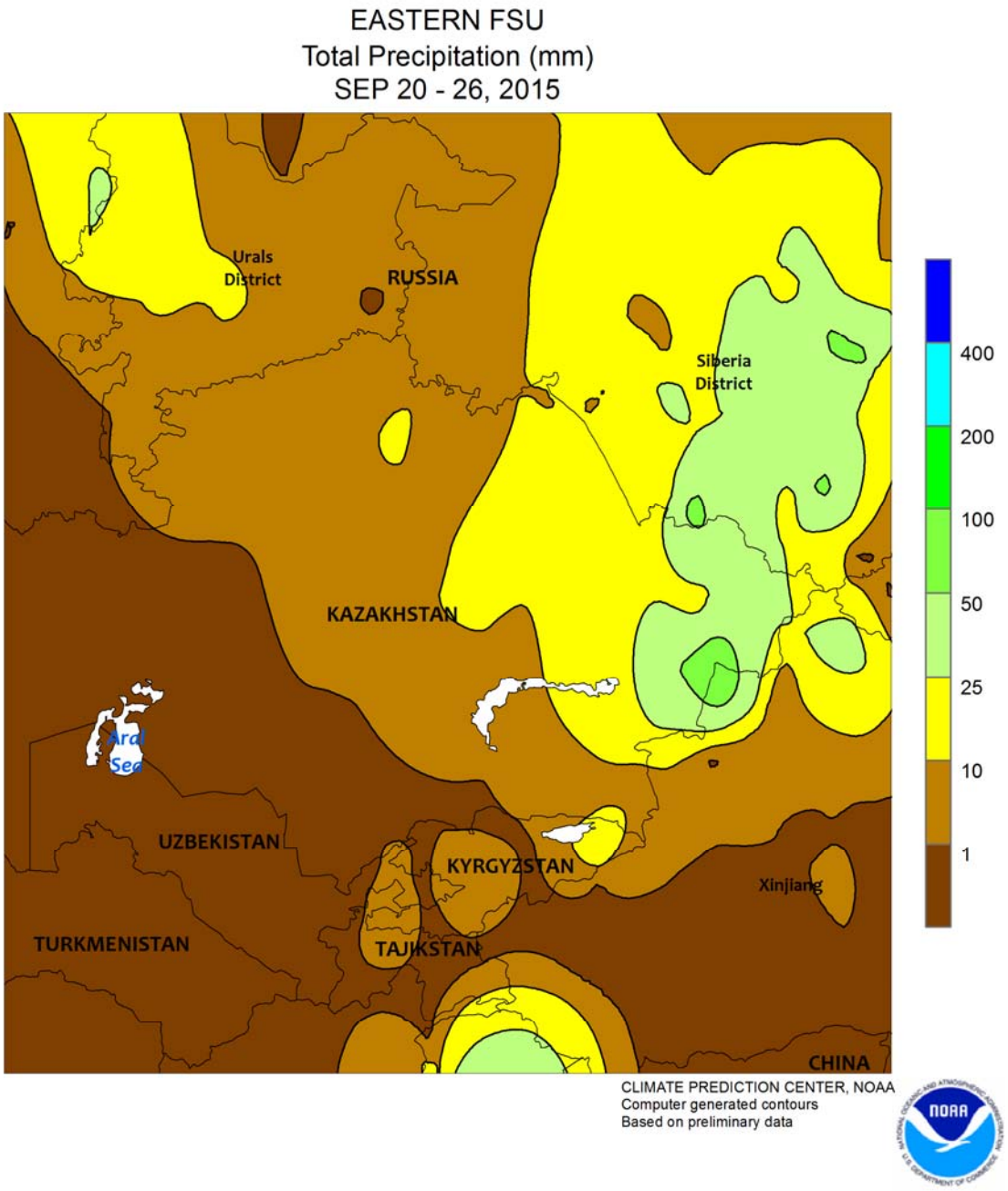

EASTERN FSU

Unsettled, chilly weather in the north contrasted with seasonably dry, warm conditions in southern cotton areas. A series of fast-moving cold fronts triggered widespread showers (2-20 mm, locally more than 30 mm in eastern-most growing areas), delaying spring wheat harvesting and raising grain quality concerns. Despite temperatures dipping below freezing (-6 to -1°C), early-season snowfall was not a concern in primary spring wheat areas. Farther south, seasonably dry, warm weather promoted cotton drydown and harvesting over Turkmenistan, Uzbekistan, and Kyrgyzstan.

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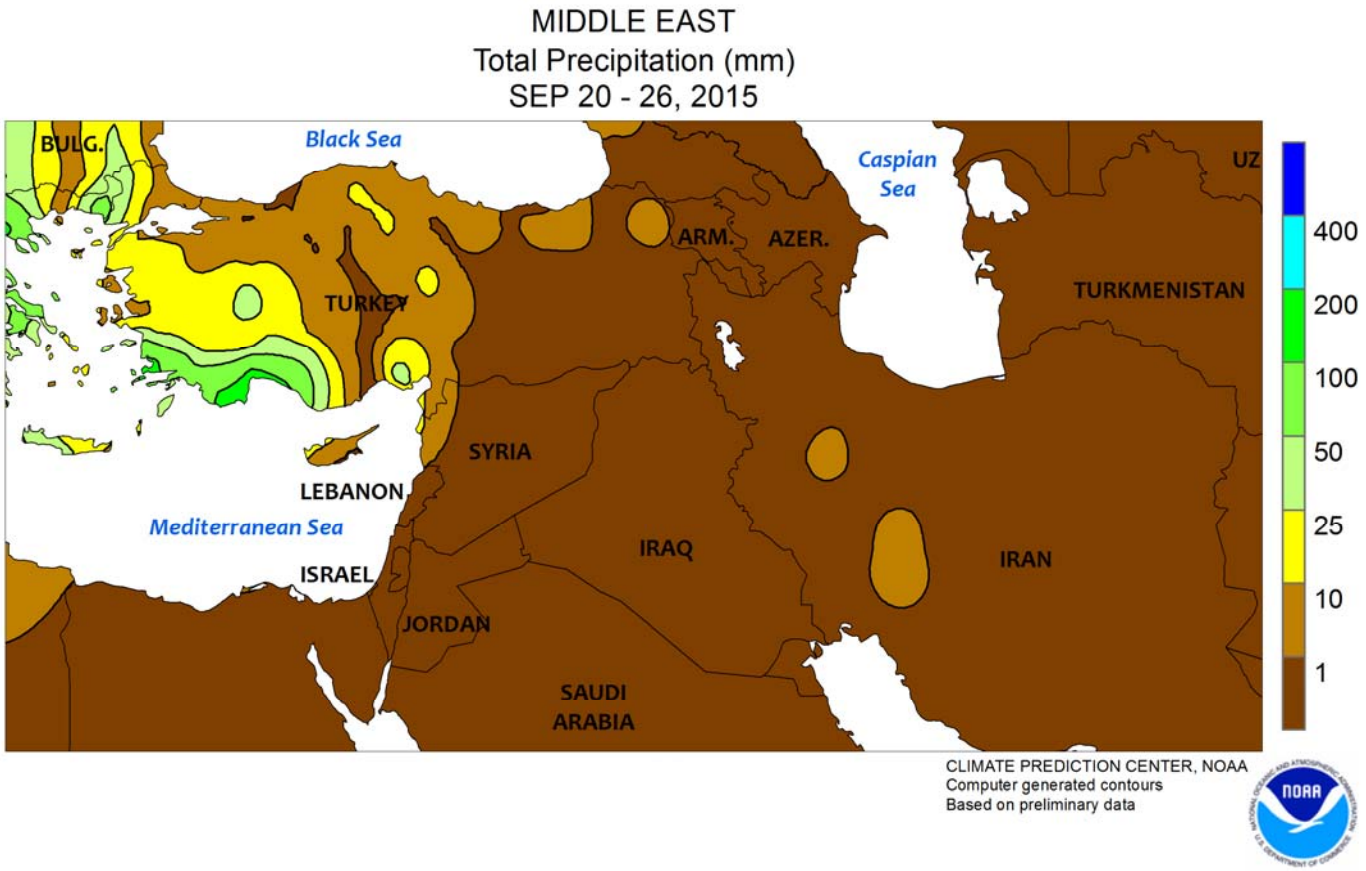

MIDDLE EAST

Widespread showers in Turkey contrasted with seasonably dry weather elsewhere. In Turkey, rain typically abates during the summer; however, this past summer was among the wettest on record over the Anatolian Plateau, keeping fields abundantly watered in advance of winter wheat planting and establishment. During the past week, rain (5-50 mm, locally more than 100 mm along the southwestern coast) returned after a brief and much-needed respite, sustaining soil moisture for winter grains. However, the rainfall hampered fieldwork, including cotton, corn, and sunflower harvesting. Elsewhere, seasonably dry weather allowed producers to prepare fields in advance of winter crop planting following recent, highly unusual late-August and September showers.

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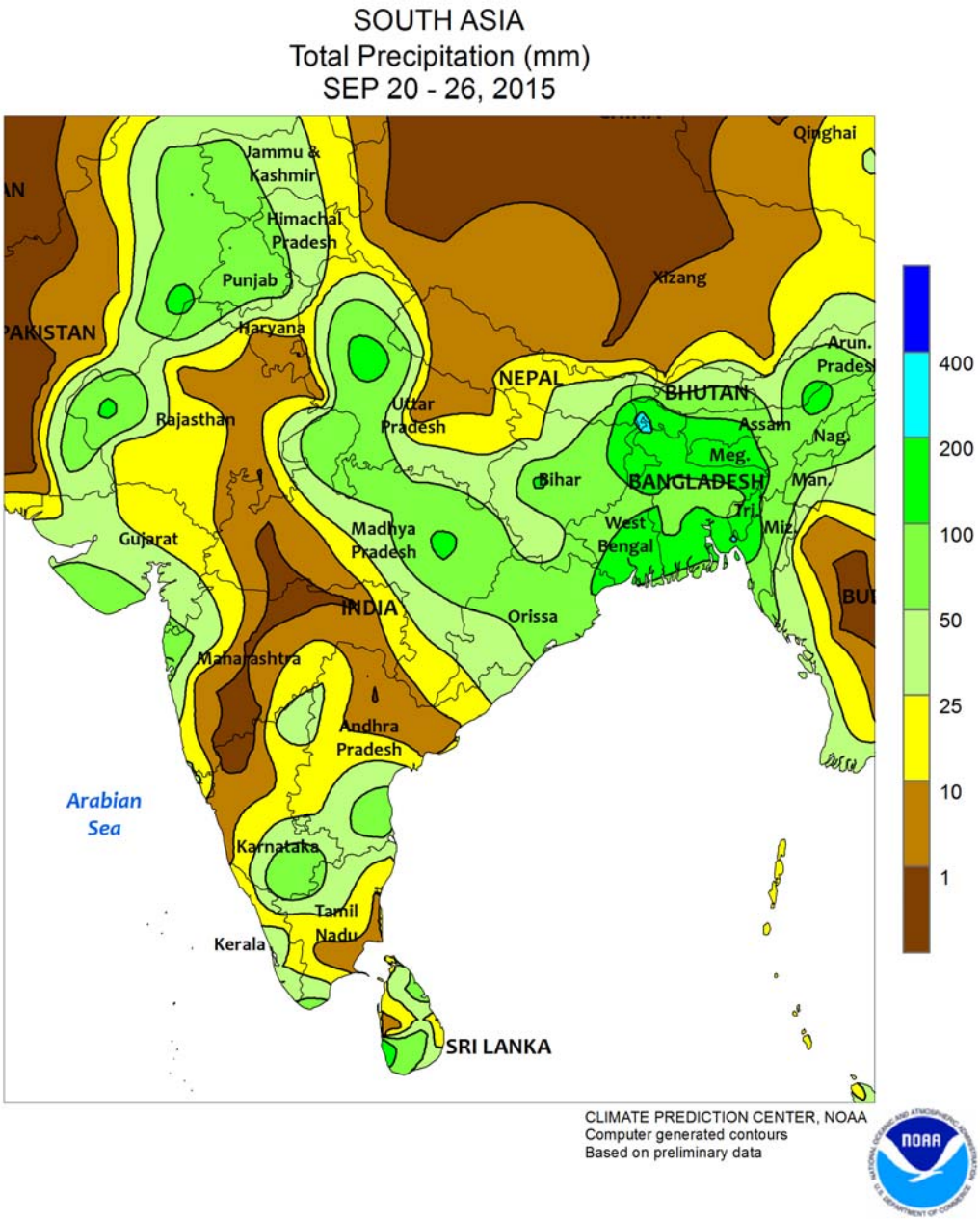

SOUTH ASIA

Renewed monsoon showers in northern India increased long-term water supplies but were unfavorable for maturing cotton and rice. The delineation of the monsoon has moved little over the last 4 weeks (as indicated by the India Meteorological Department) resulting in a delayed withdrawal from much of the country. Rainfall (25-50 mm, or more) continued throughout the east, benefiting immature rice and improving water supplies going into the winter (rabi) growing season. In addition, showers (25-100 mm) in the Saurashtra region (Gujarat) of western India provided a late-season boost to soil moisture for cotton and helped stabilize declining crop conditions. Meanwhile in neighboring areas of Maharashtra and Madhya Pradesh, dry weather returned, leaving cotton and soybeans in some areas short of the water needed as crops progress through the latter stages of reproduction. Elsewhere in the region, heavy showers brought unwelcomed wetness to mature cotton and rice in northeastern Pakistan. Heavy showers (50-100 mm) in Bangladesh maintained abundant to excessive water levels for rice, while similar rainfall amounts in southwestern Sri Lanka slowed rice harvesting.

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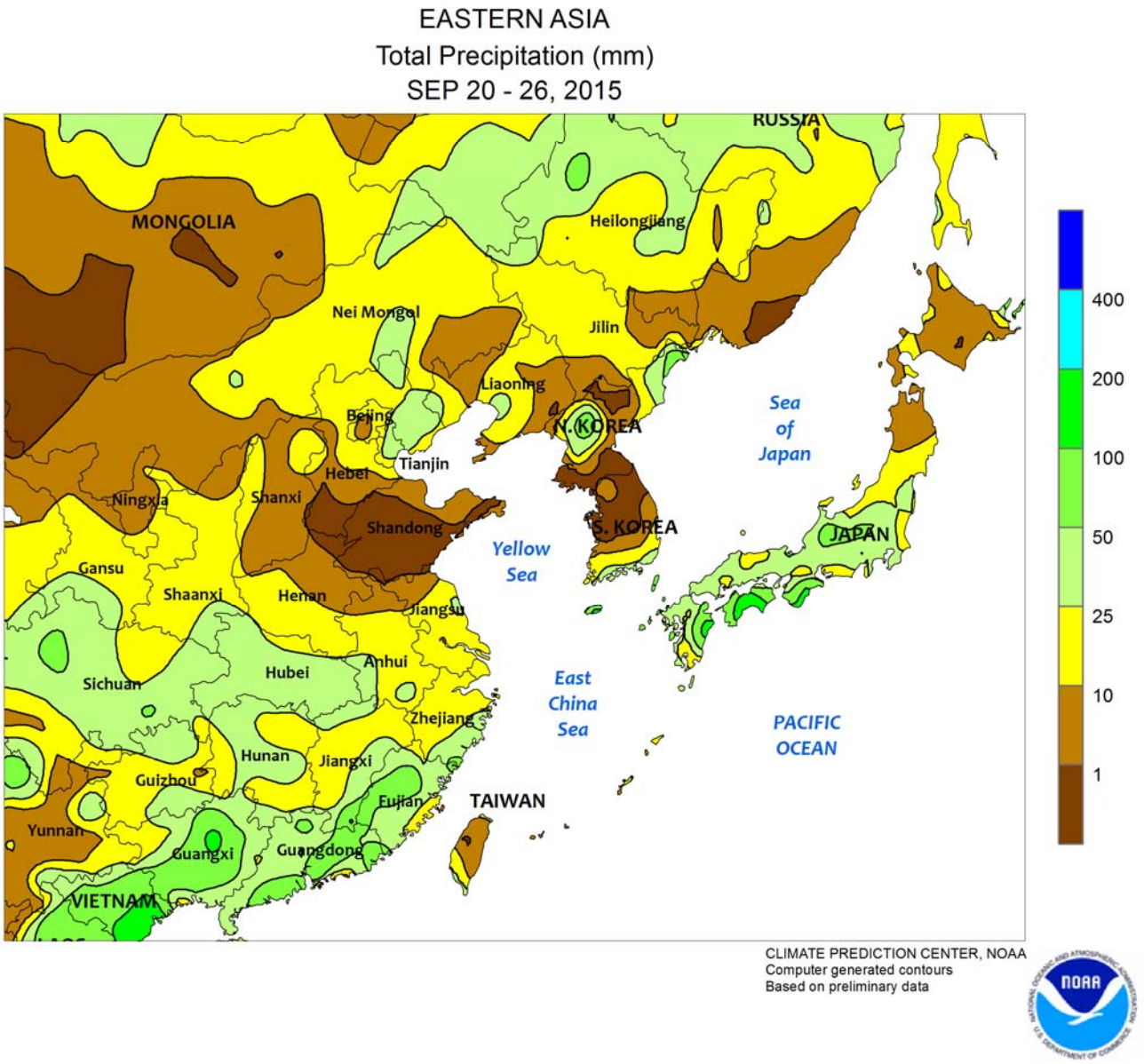

EASTERN ASIA

Widespread showers across China slowed summer crop maturation and harvesting. In the northeast, 10 to 25 mm, and locally nearly 50 mm, of rain slowed corn and soybean maturation. However, freezing temperatures remained well north of the growing areas, extending the season. In southern China, similar rainfall totals slowed fieldwork that included rice and other summer crop harvesting as well as preparations for winter crop planting. In contrast to the wet weather elsewhere, dry weather on the North China Plain benefited maturing cotton and other summer crops. In addition, warmer-than-average temperatures (1-3°C above normal) facilitated crop maturation. In other parts of the region, Typhoon Dujuan was approaching Taiwan at week's end, with winds in excess of 125 knots (more information will appear in next week's Bulletin). Meanwhile, dry weather across the Korean Peninsula aided rice maturation, with periodic showers (25-50 mm) in Japan slowing rice maturation.

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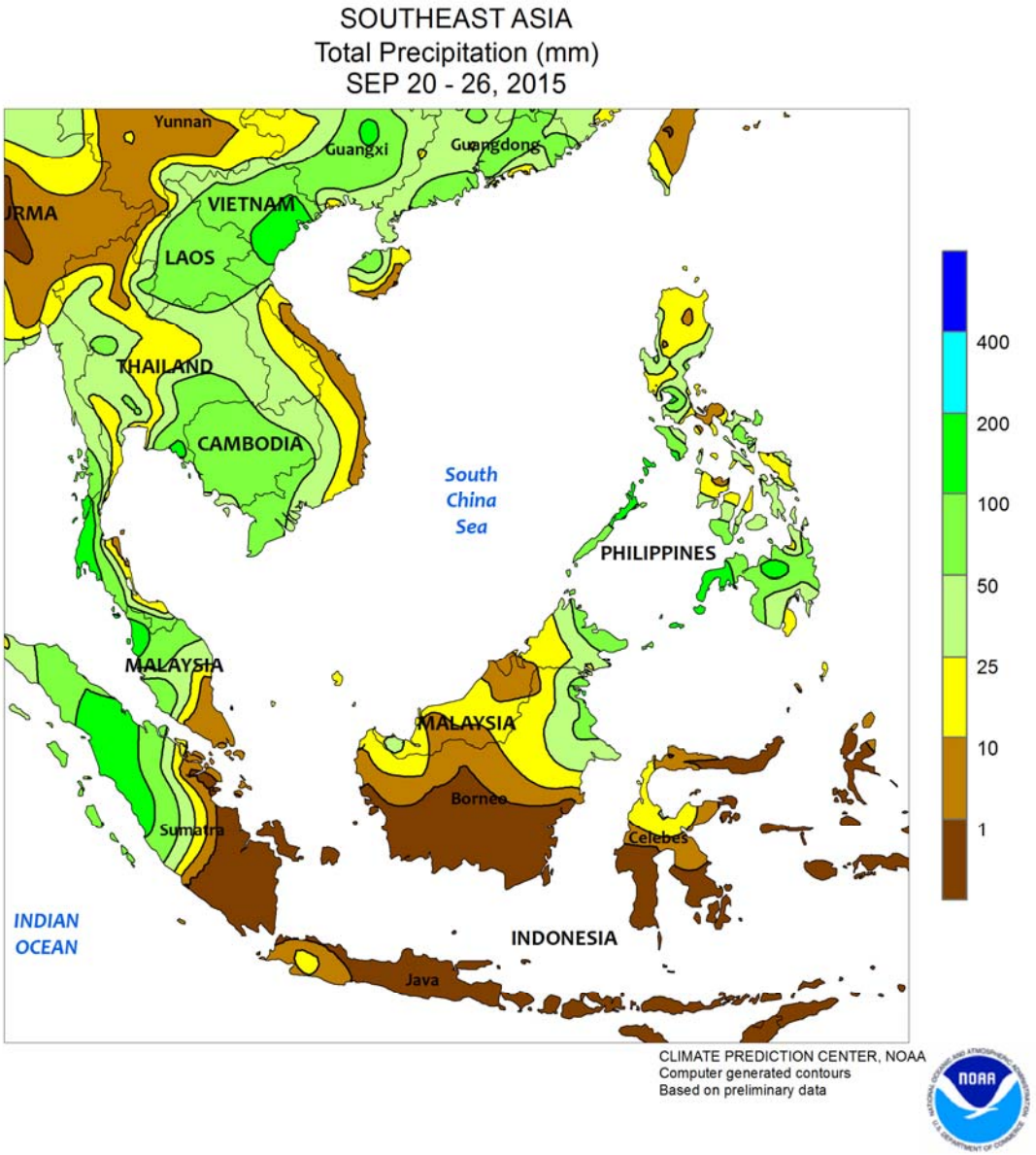

SOUTHEAST ASIA

Showers were spotty across Thailand, with pockets of dry weather in northern and central sections of the country, while 25 to 50 mm of rain (locally more) was recorded elsewhere. Rice continued to have adequate access to water as the majority of the crop progressed through reproduction. However, reservoir levels remained critically low in advance of the dry season crop transplanted in November. Heavy showers (50-150 mm) continued in Laos and northern Vietnam, with 25 to 50 mm of rain (based on satellite estimates) in Cambodia and southern Vietnam, favoring rice. In the Philippines, widespread showers (25-50 mm) improved water supplies for corn and rice, but more rain is needed to fully recharge irrigation supplies. Meanwhile, dry weather aided oil palm harvesting in Indonesia and much of Malaysia, with most rainfall (50-100 mm) occurring outside the main growing areas.

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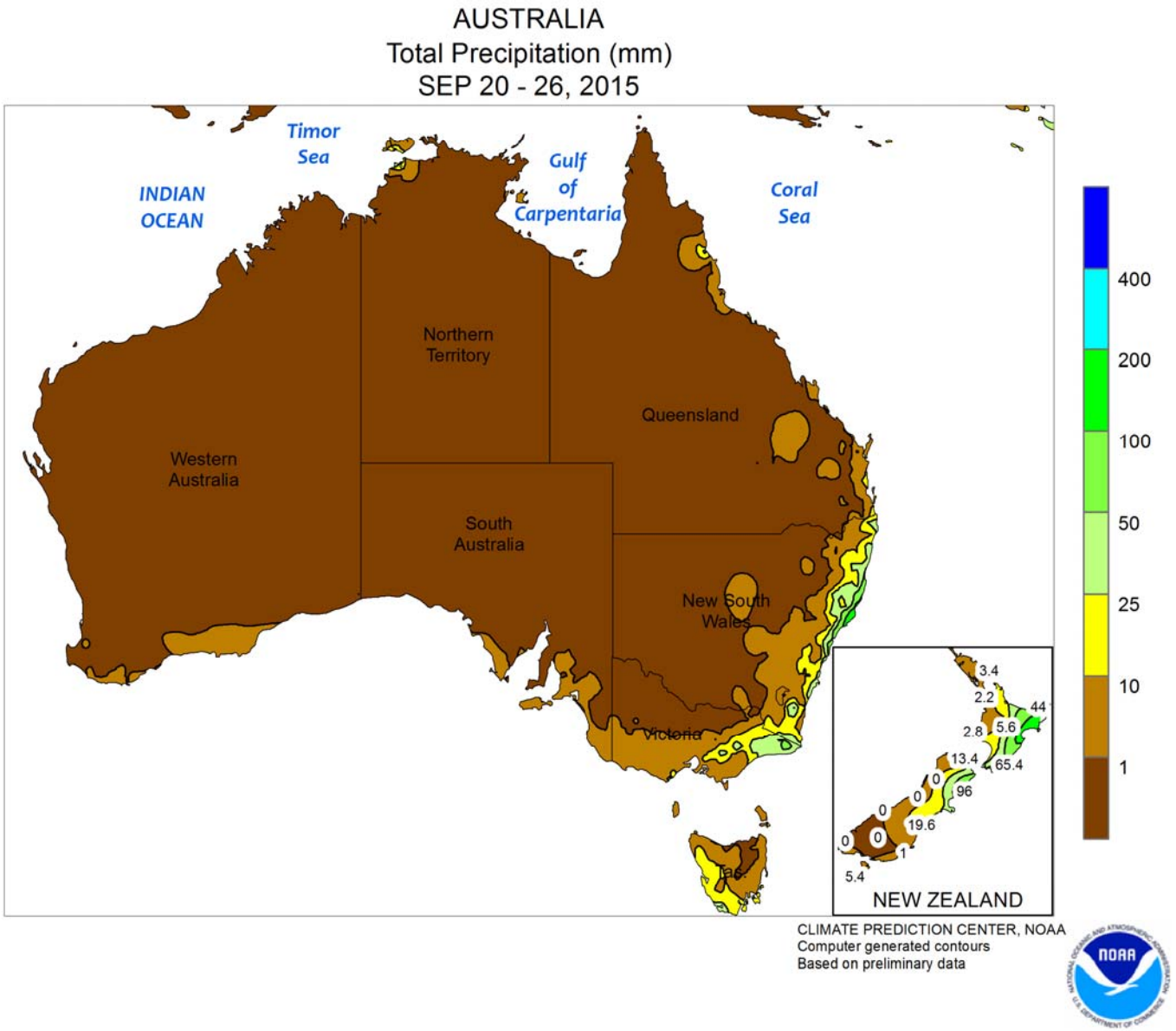

AUSTRALIA

For a second consecutive week, mostly dry weather covered the wheat belt, reducing soil moisture for winter grains and oilseeds. In Western Australia, warmer-than-normal weather combined with the lack of rainfall to accelerate crop development and enhance evaporative losses. The dryness likely trimmed yield prospects somewhat for filling wheat and other winter crops, but prospects remained good overall throughout most of the region. In southern and eastern Australia, cooler-than-normal weather accompanied the dryness, helping to limit net evaporative losses. Nevertheless, more rain is needed throughout these areas to help maintain winter crop prospects and to spur summer crop planting, germination, and emergence. By week's end, wheat was generally in the filling stages of development in southern Queensland and northern New South Wales and in the reproductive stages of development in southeastern Australia. In southern and eastern Australia, temperatures averaged 1 to 3°C below normal. In contrast, temperatures averaged 1 to 3°C above normal in Western Australia.

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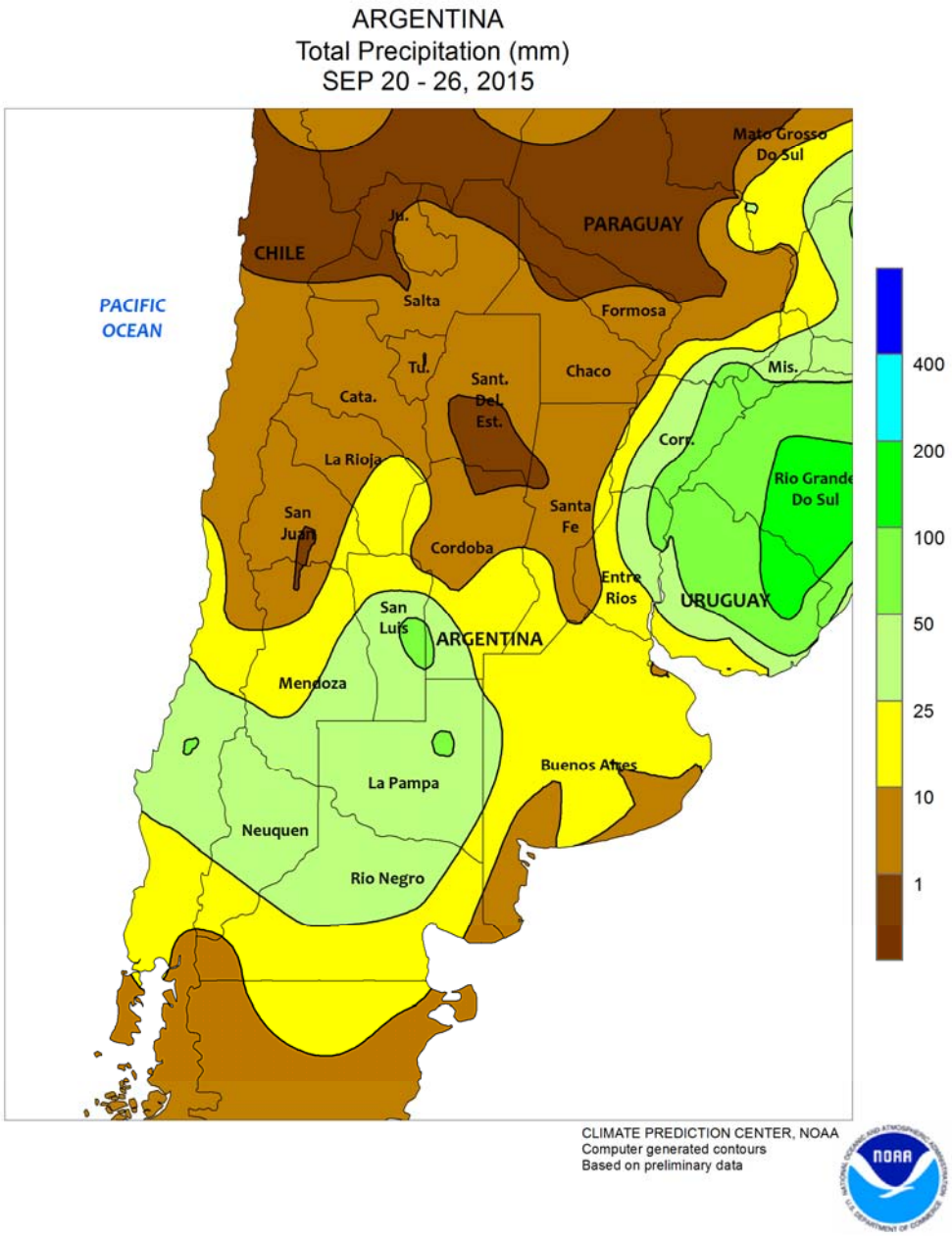

ARGENTINA

Beneficial rain overspread southern winter grain areas, providing much-needed moisture for vegetative crops. Rainfall totaled 10 mm in major production areas of central Argentina (La Pampa, Buenos Aires, and southern sections of Cordoba, Santa Fe, and Entre Rios); the heaviest rain (greater than 25 mm, with local reports in excess of 50 mm) fell in La Pampa, marking the heaviest rain event for that province in about 4 months. Farther north, locally heavy rain (10-75 mm) returned to northern Entre Rios and Corrientes but mostly dry weather prevailed elsewhere, supporting sunflower planting and other seasonal fieldwork. Weekly temperatures averaged near to below normal in central and northwestern Argentina and up to 5°C above normal in the northeast, where daytime highs approached 40°C early in the week. Daytime highs failed to reach 20°C for much of the week in southern growing areas — slowing development of wheat and barley — but nighttime lows stayed above freezing everywhere but the far southern production areas. According to Argentina's Ministry of Agriculture, sunflowers were 21 percent planted as of September 24, on par with last year.

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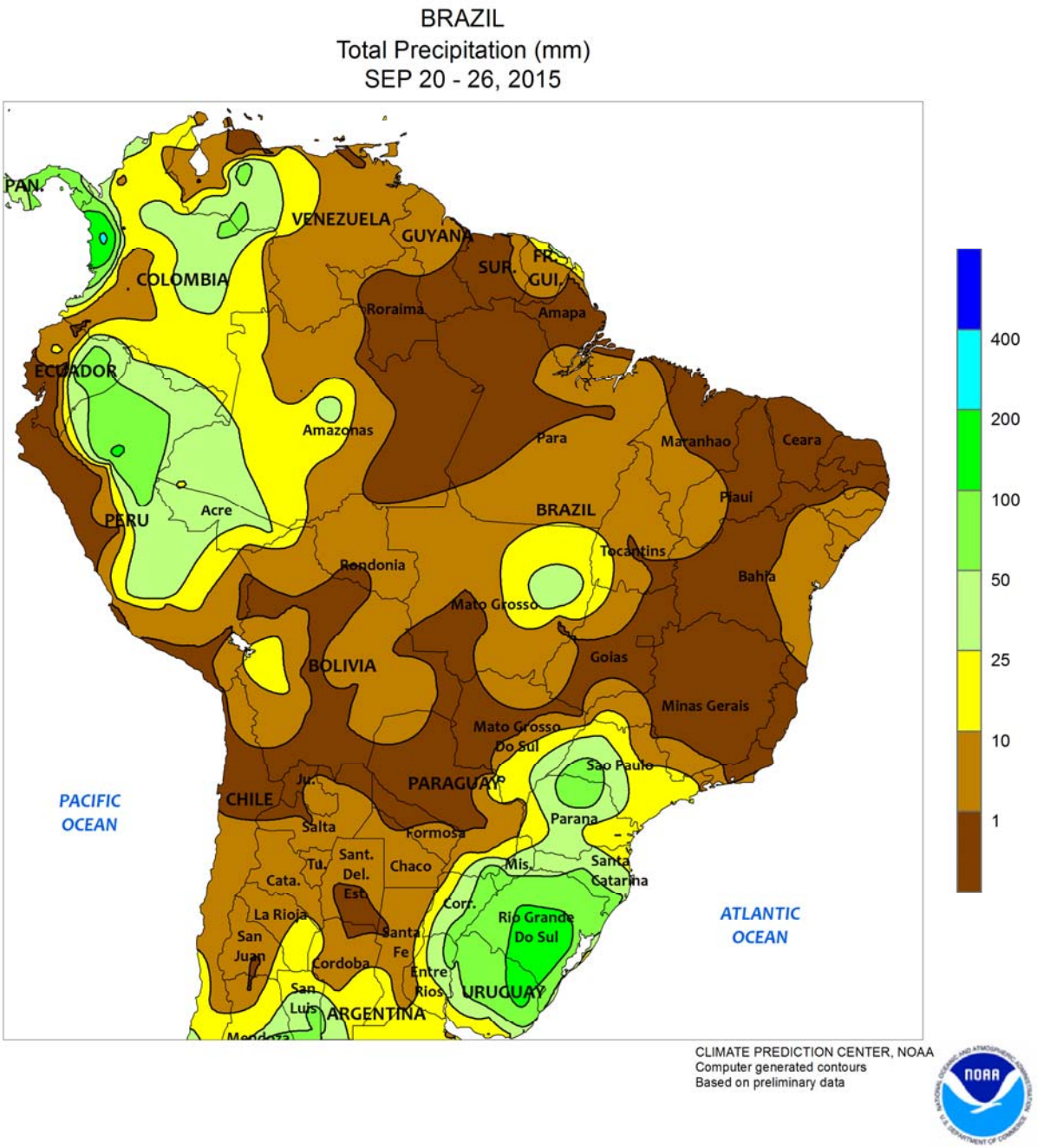

BRAZIL

Untimely showers returned to wheat areas of southern Brazil, hampering harvesting and threatening further impacts on the quality of maturing crops. Rainfall totaling more than 25 mm extended northward from Uruguay through western Sao Paulo, with pockets of heavier rain (locally approaching 100 mm) in sections of Rio Grande do Sul and Parana. According to reports out of Brazil, wheat was 49 percent harvested in Parana as of September 21, and 85 percent of the remaining crop was filling to maturing. Wheat in Rio Grande do Sul was farther behind in development; 67 percent of the crop filling to maturing as of September 24 with no reports of harvesting. In contrast, mostly dry weather prevailed in Minas Gerais, aiding the final stages of coffee harvesting. Coffee was reportedly flowering in some locations in response to earlier bouts of heavy rain. Weekly temperatures averaged 3 to 7°C above normal across the south, with daytime highs reaching the middle and upper 30s (degrees C) in more northerly areas. Farther north, isolated showers (greater than 25 mm) were recorded in Mato Grosso, but in general, the rainy season had not begun in central agricultural areas, delaying the start of large-scale soybean planting. Mostly dry weather also dominated the northeastern coast as that part of Brazil approaches its dry season. Northern temperatures averaged up to 4°C above normal (daytime highs reaching the lower 40s) in major interior farming areas ahead of the onset of seasonal rain.

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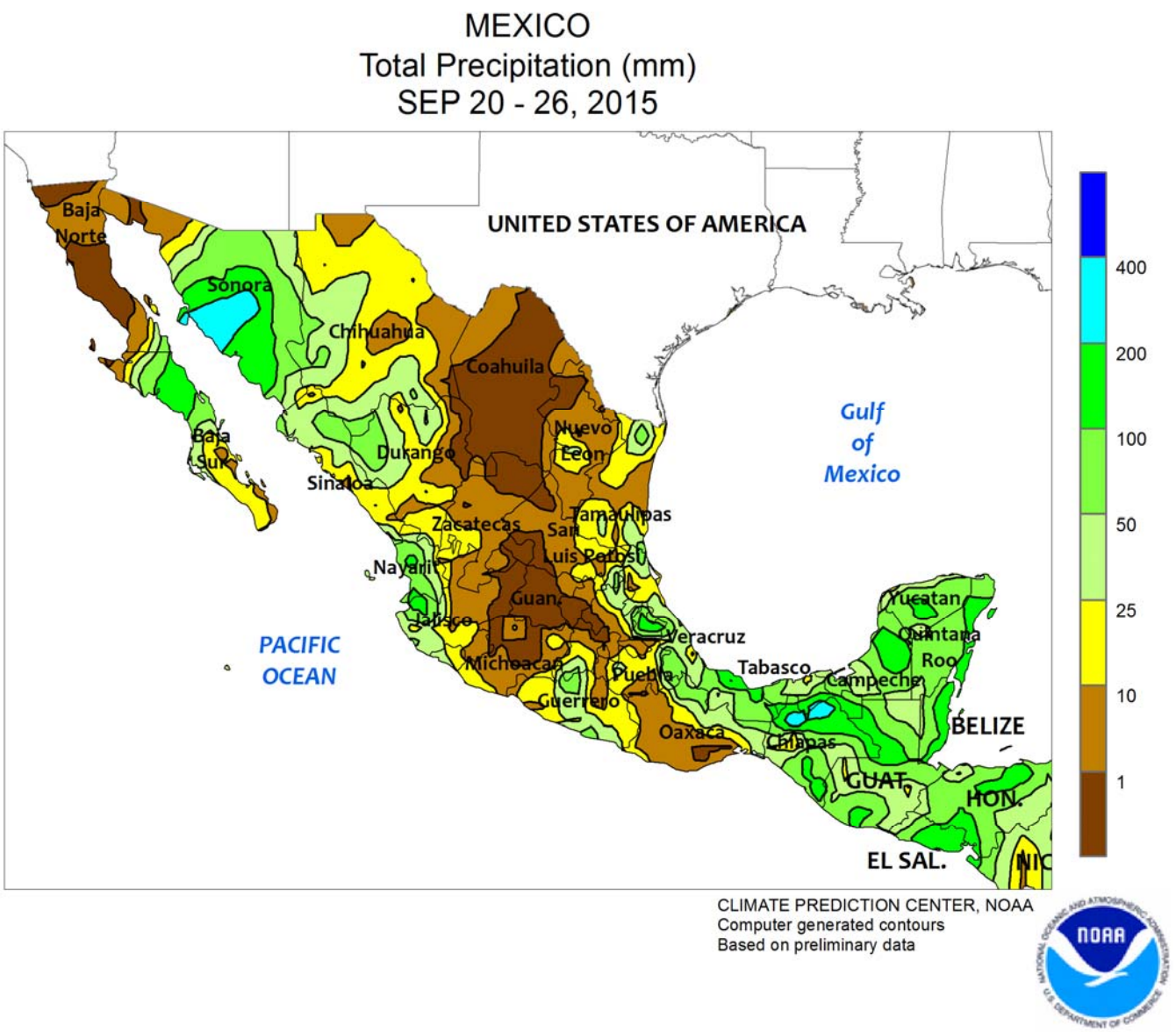

MEXICO

Showers intensified throughout the northwest but drier conditions prevailed in many southern summer crop areas. Much of the rain (rainfall totaling more than 50 mm) in northwestern watersheds was the result of an early-week tropical depression interacting with the monsoon circulation. Locally heavy rain (greater than 100 mm) also fell along sections of the southwestern coast, but drier conditions prevailed on the southern plateau and along the southern Pacific coast as corn and other rain-fed summer crops advanced toward maturity. At week's end, Tropical Storm Marty was bringing showers to southwestern coastal areas (additional information will be provided in next week's *Weekly Weather and Crop Bulletin*). In the southeast, rainfall totaled more than 50 mm from southern Veracruz eastward through the Yucatan Peninsula, with amounts totaling more than 100 mm over the vicinity of northern Chiapas. Rainfall (10-50 mm) extended northward along the Gulf Coast, boosting late-season moisture for sugarcane in northern production areas of Veracruz, while boosting irrigation reserves in Tamaulipas.

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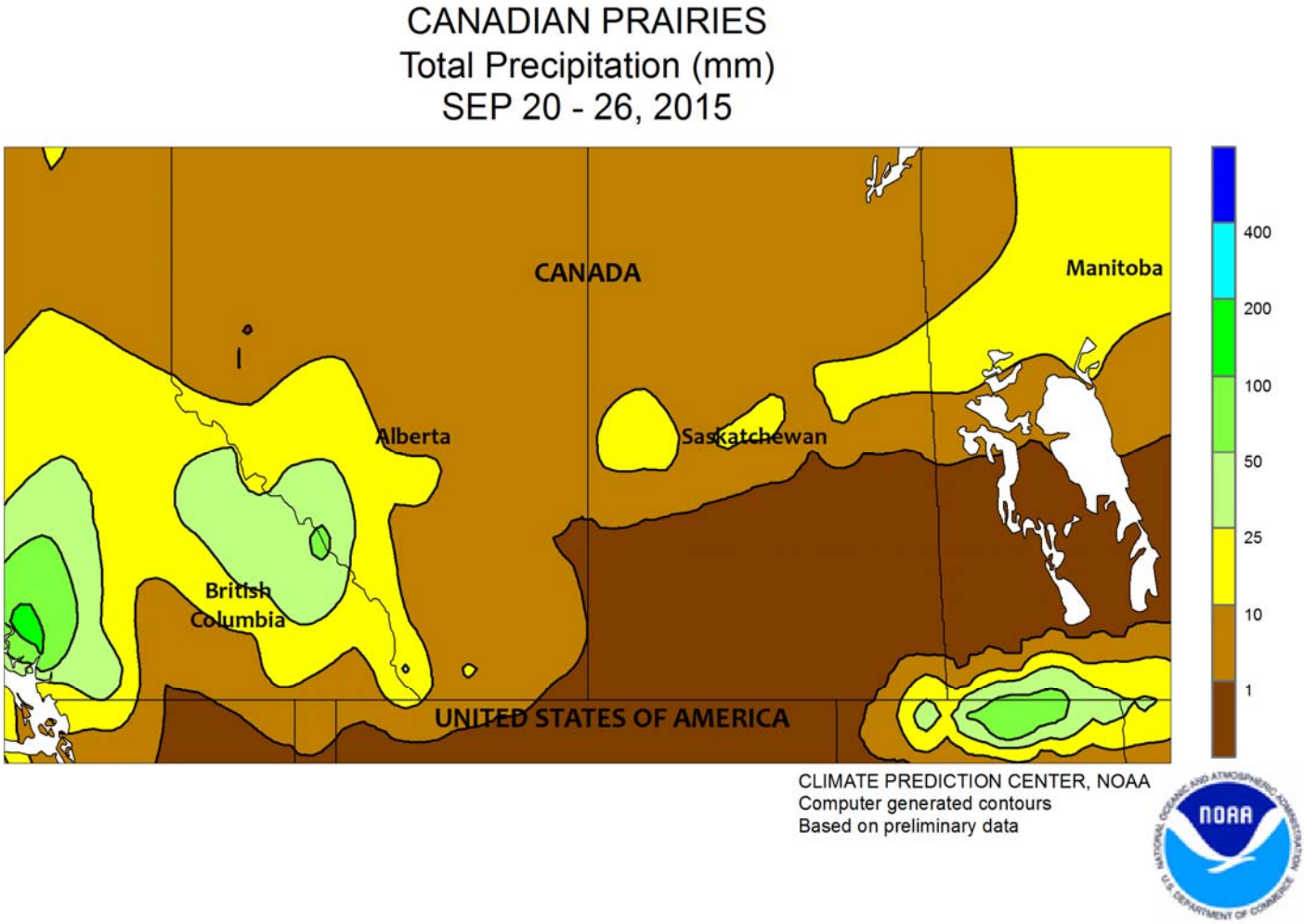

CANADIAN PRAIRIES

Conditions improved for harvesting spring grains and oilseeds, following last week's showers. Little to no rain fell over large sections of Saskatchewan and Manitoba, though moderate rain (greater than 10 mm) was reported in Saskatchewan's northwestern agricultural districts and in Manitoba's central growing areas. Weekly temperatures averaging 2 to 5°C above normal aided the drying process in the aforementioned areas, with daytime highs reaching the upper 20s and lower 30s (degrees C) at week's end in most locations. Showery, somewhat cooler weather sustained fieldwork delays in Alberta, though precipitation was generally below 10 mm. As in Saskatchewan and Manitoba, daytime highs briefly reached the lower 30s during the latter half of the week in Alberta's southern farming areas. Prior to the onset of the late-week warmth, a cold snap emanating from the northwest brought nighttime lows below freezing as far east as central Saskatchewan westward. Much of eastern Saskatchewan and Manitoba have yet to record a season-ending freeze (nighttime lows at or below -2°C).

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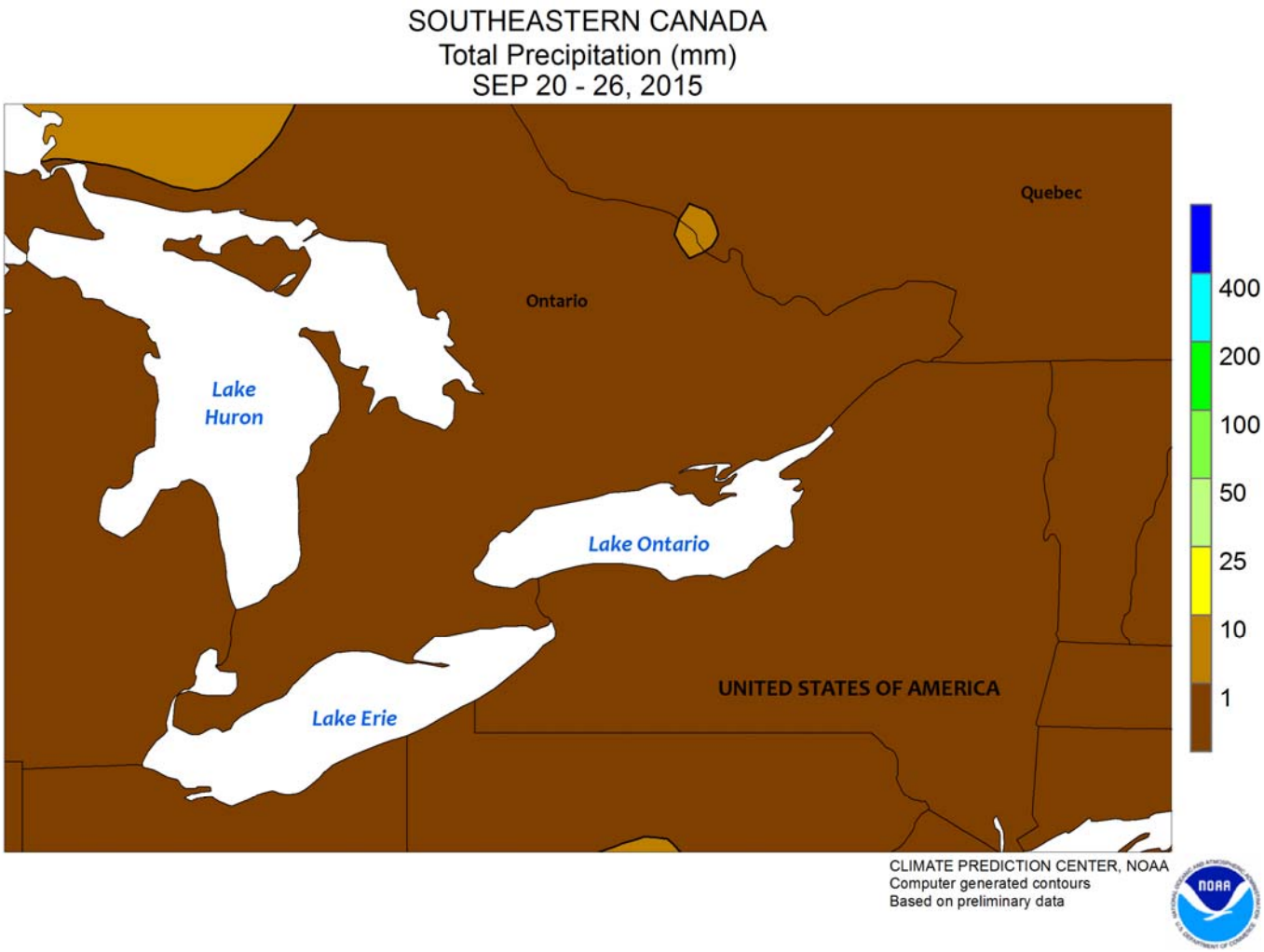

SOUTHEASTERN CANADA

Mostly dry, seasonably mild weather dominated the region, aiding summer crop maturation and promoting the early stages of winter wheat planting. Virtually no rain fell in major agricultural districts of Ontario and Quebec. Weekly temperatures averaging 1 to 2°C above normal accompanied the dryness, aiding drydown of corn and soybeans in addition to keeping topsoils warm for wheat germination. Most of the region recorded daytime highs in the middle 20s (degrees C) though cooler conditions (highs in the middle and upper 10s) prevailed on several days during the week. Patchy areas of frost (nighttime lows falling near to slightly below freezing) were evident in Quebec and Ontario's eastern farming areas but the main production areas of southwestern Ontario stayed well above freezing (lows reaching 5-10°C).

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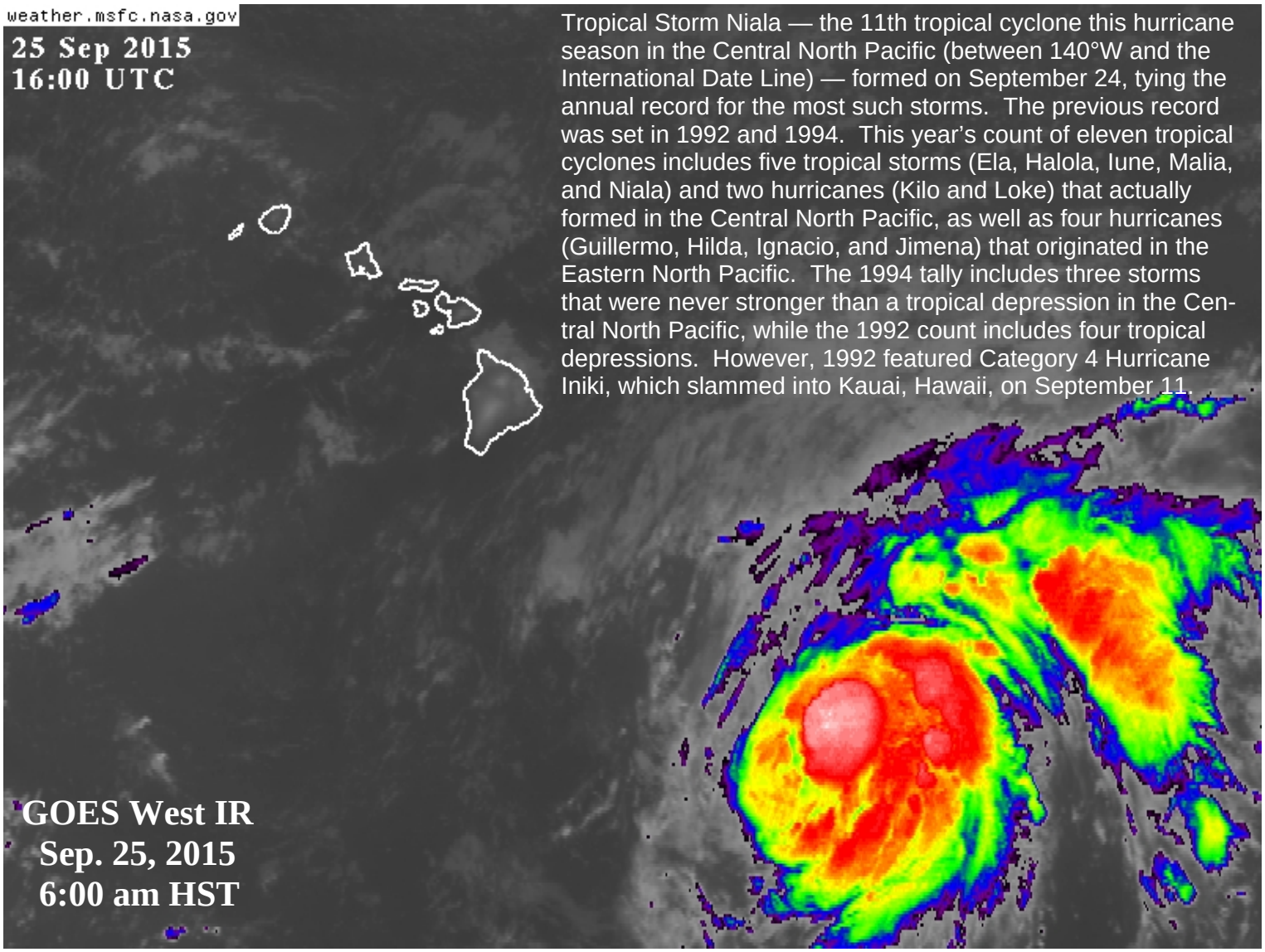

Tropical Storm Niala — the 11th tropical cyclone this hurricane season in the Central North Pacific (between 140°W and the International Date Line) — formed on September 24, tying the annual record for the most such storms. The previous record was set in 1992 and 1994. This year's count of eleven tropical cyclones includes five tropical storms (Ela, Halola, Iune, Malia, and Niala) and two hurricanes (Kilo and Loke) that actually formed in the Central North Pacific, as well as four hurricanes (Guillermo, Hilda, Ignacio, and Jimena) that originated in the Eastern North Pacific. The 1994 tally includes three storms that were never stronger than a tropical depression in the Central North Pacific, while the 1992 count includes four tropical depressions. However, 1992 featured Category 4 Hurricane Iniki, which slammed into Kauai, Hawaii, on September 11.

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