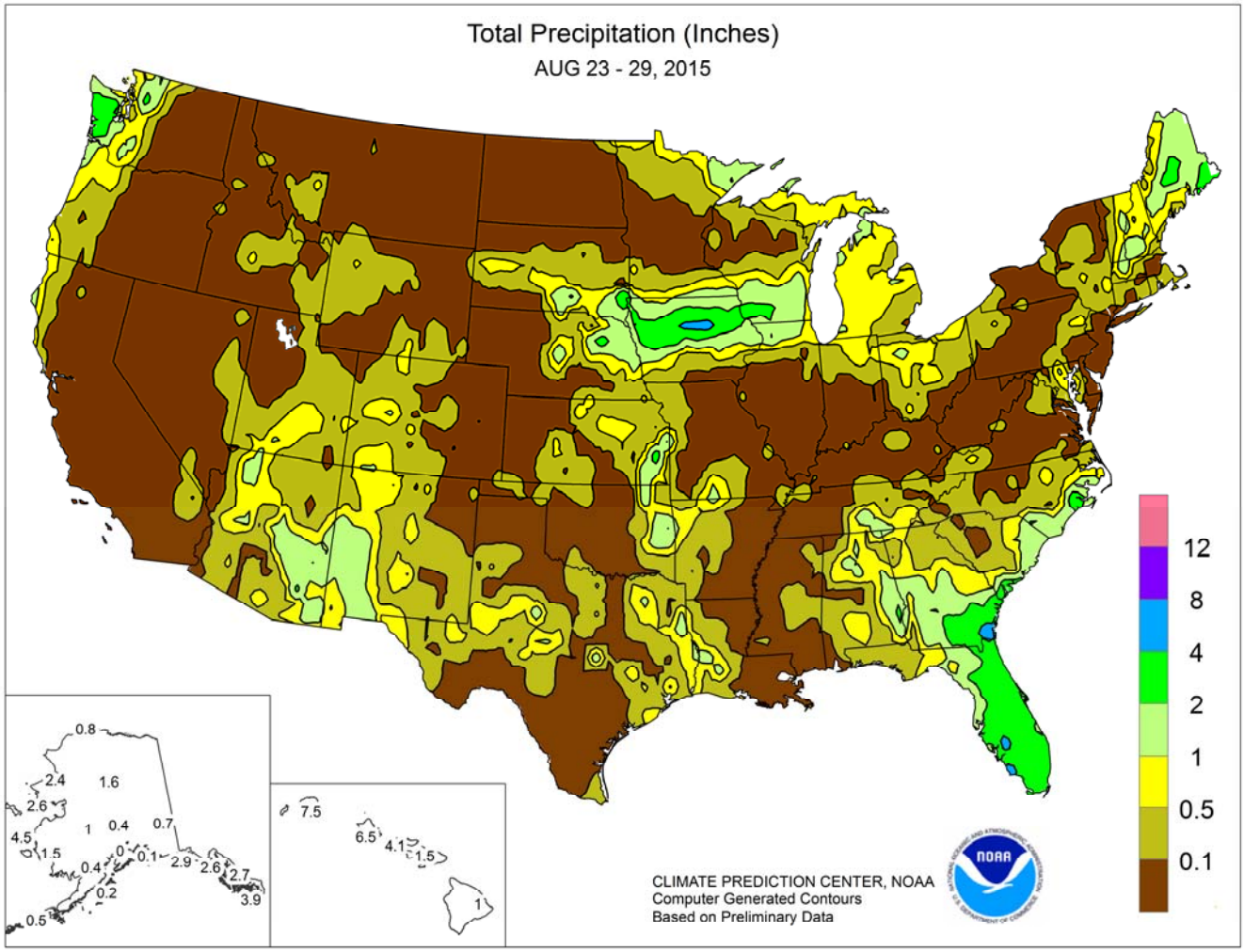
Volume 102, No. 35 http://www.usda.gov/oce/weather September 1, 2015

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

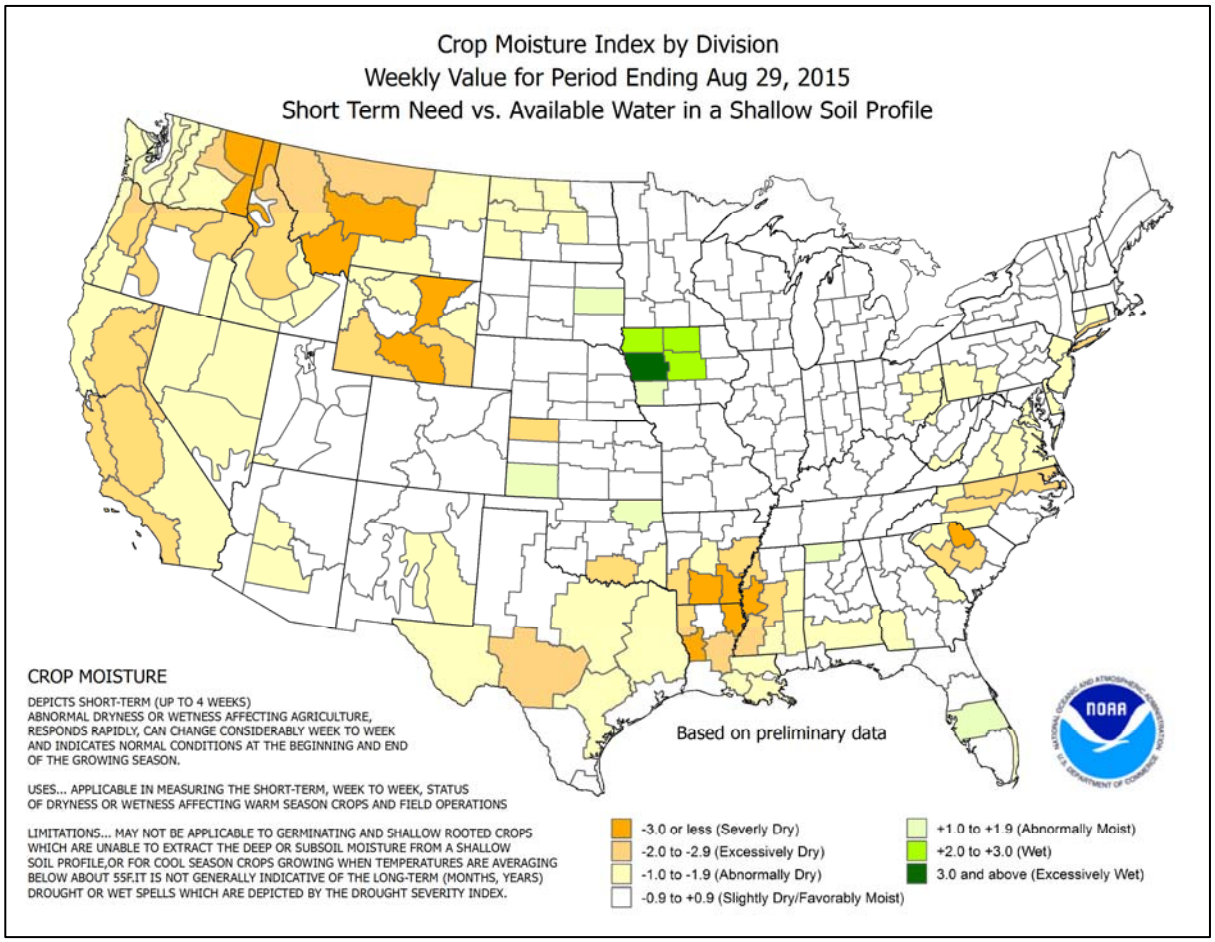
September 1, 2015

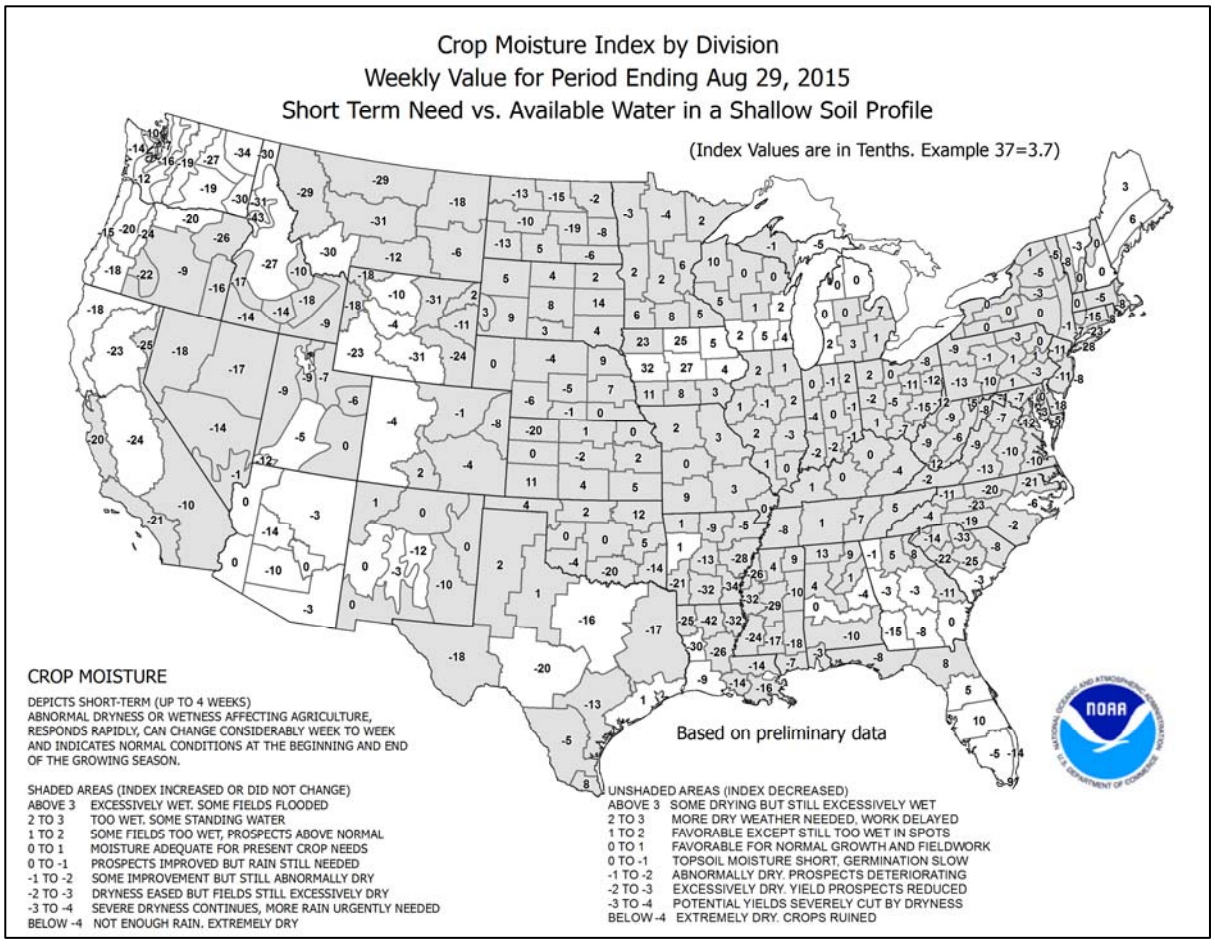
Highlights provided by USDA/WAOB

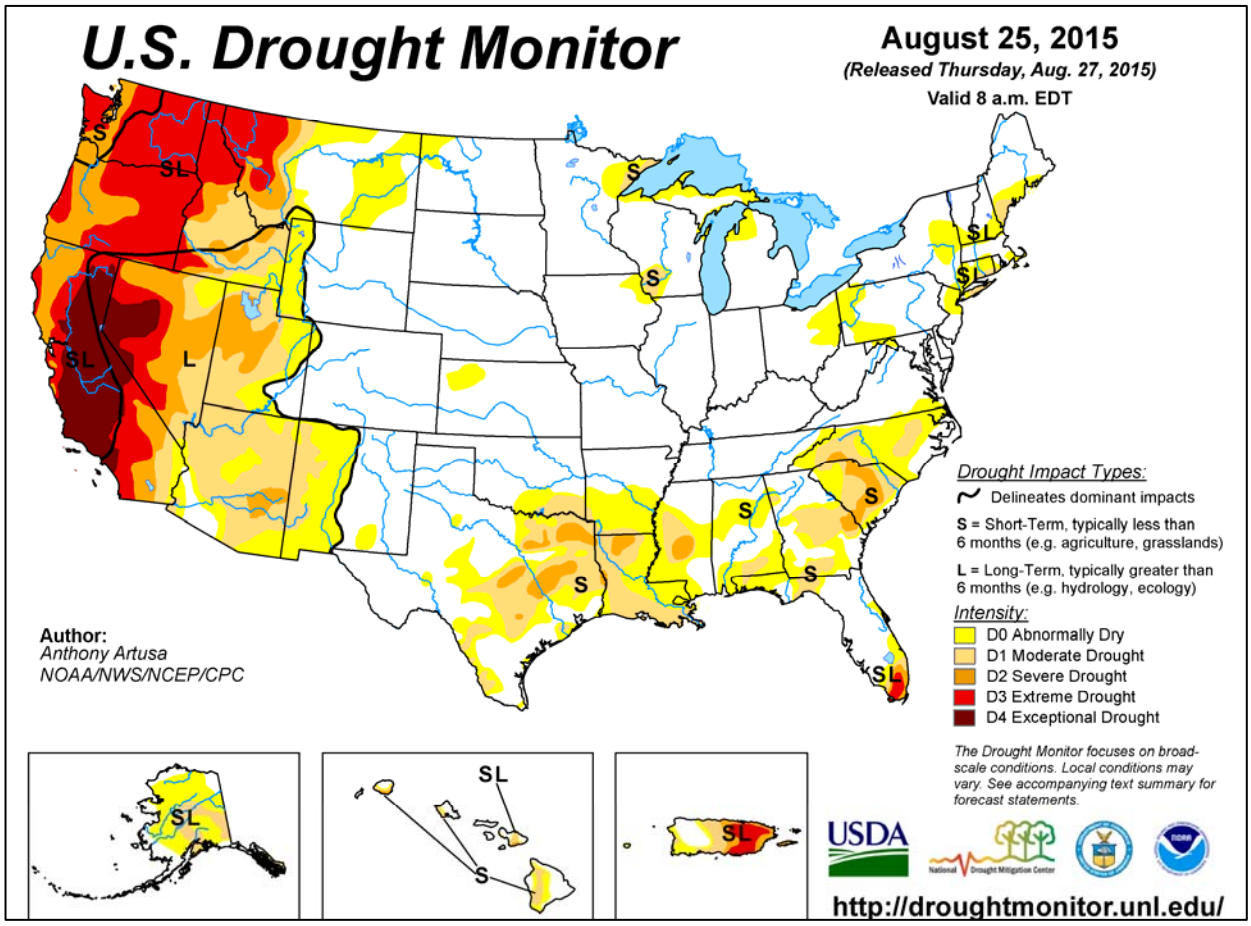
Tropical Storm Erika disintegrated long before reaching **Florida**, but the storm's remnant moisture contributed to heavy, late-week showers in the **southern Atlantic region**. Cool, dry weather covered much of the remainder of the **South** and **East**, except for warm, showery conditions in **northern New England**. Very cool, mostly dry weather also dominated much of the **Midwest**, where weekly temperatures averaged at least 5°F below normal in most locations. Late in the week, however, heavy rain developed in an area stretching from

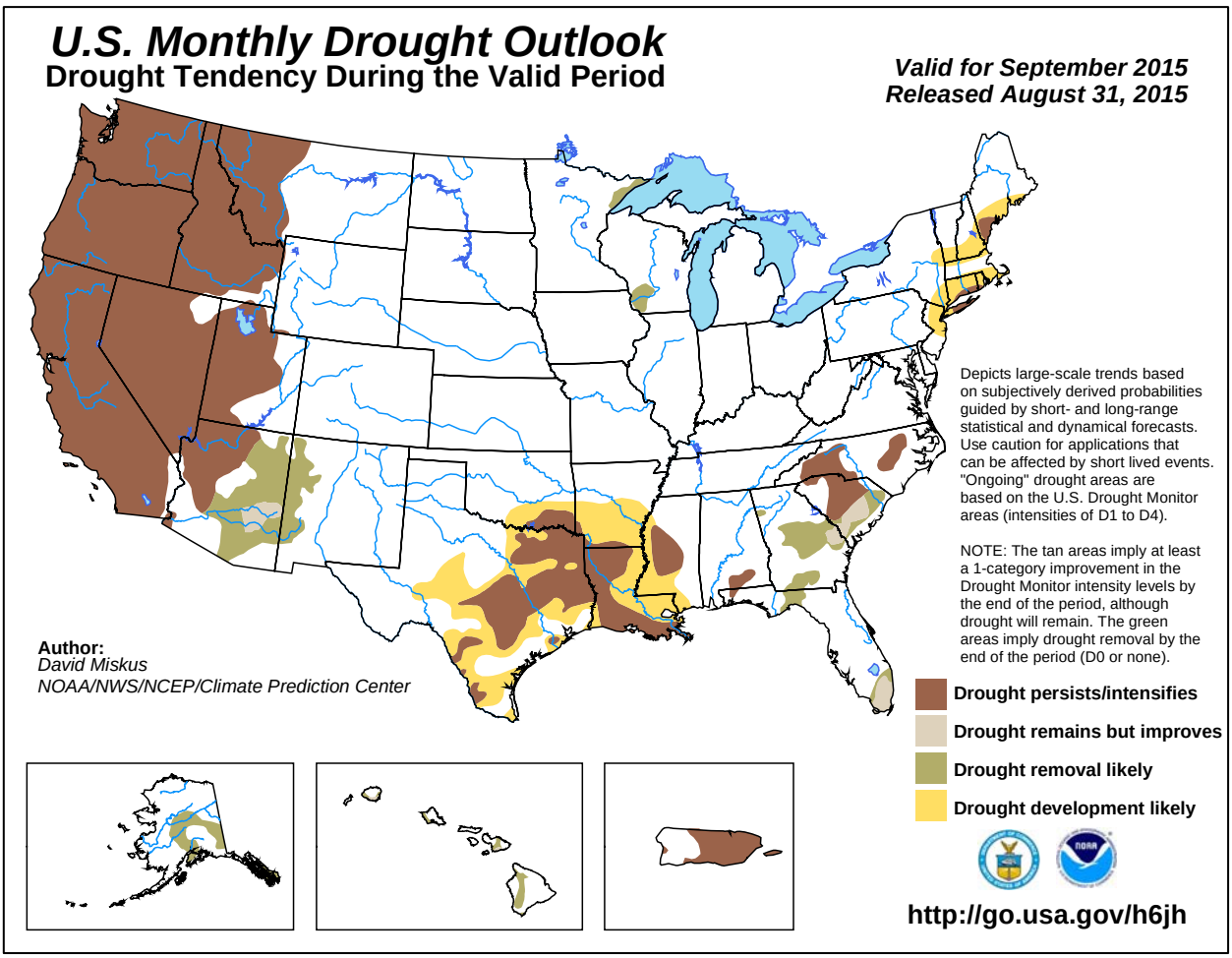
(Continued on page 5)

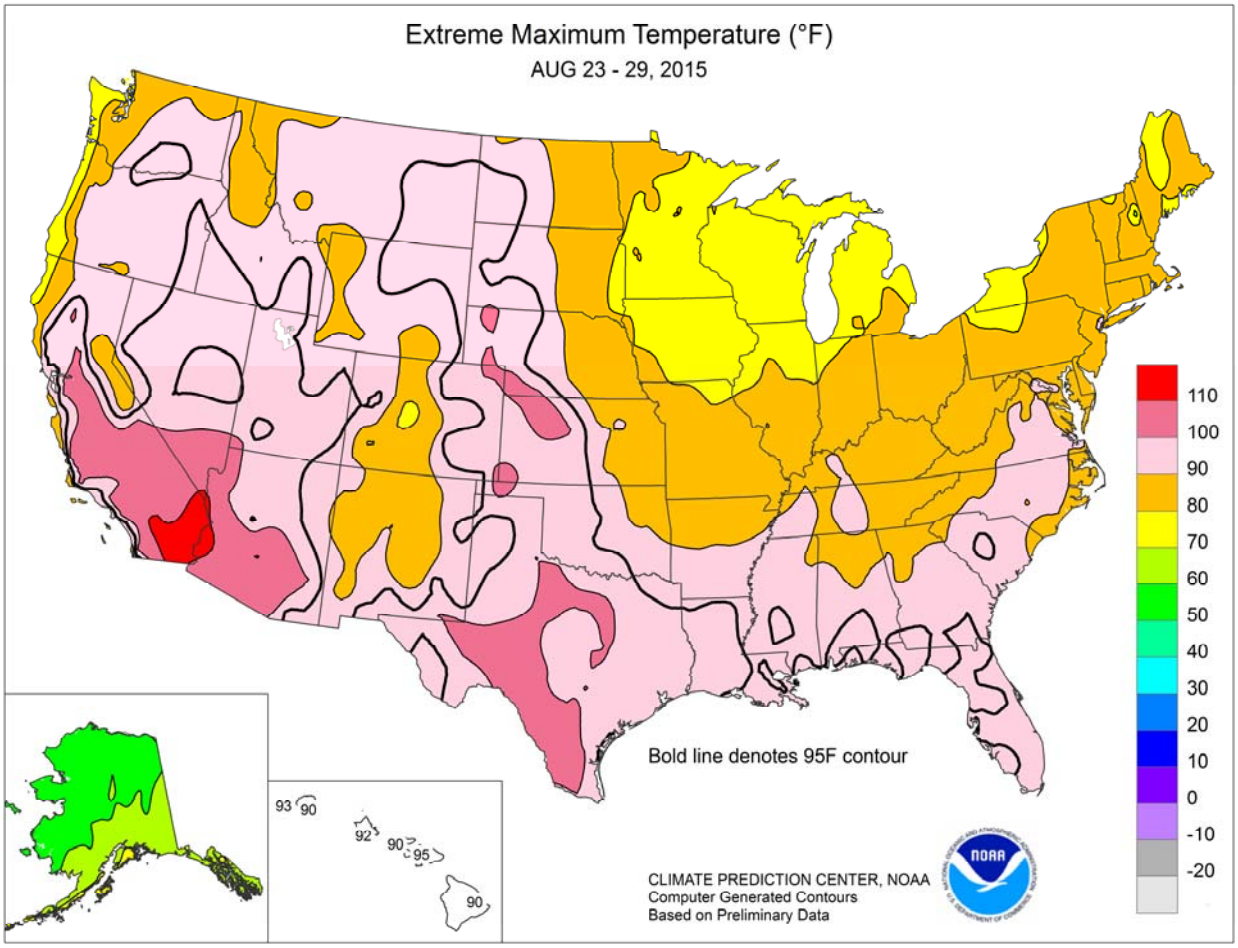
Contents

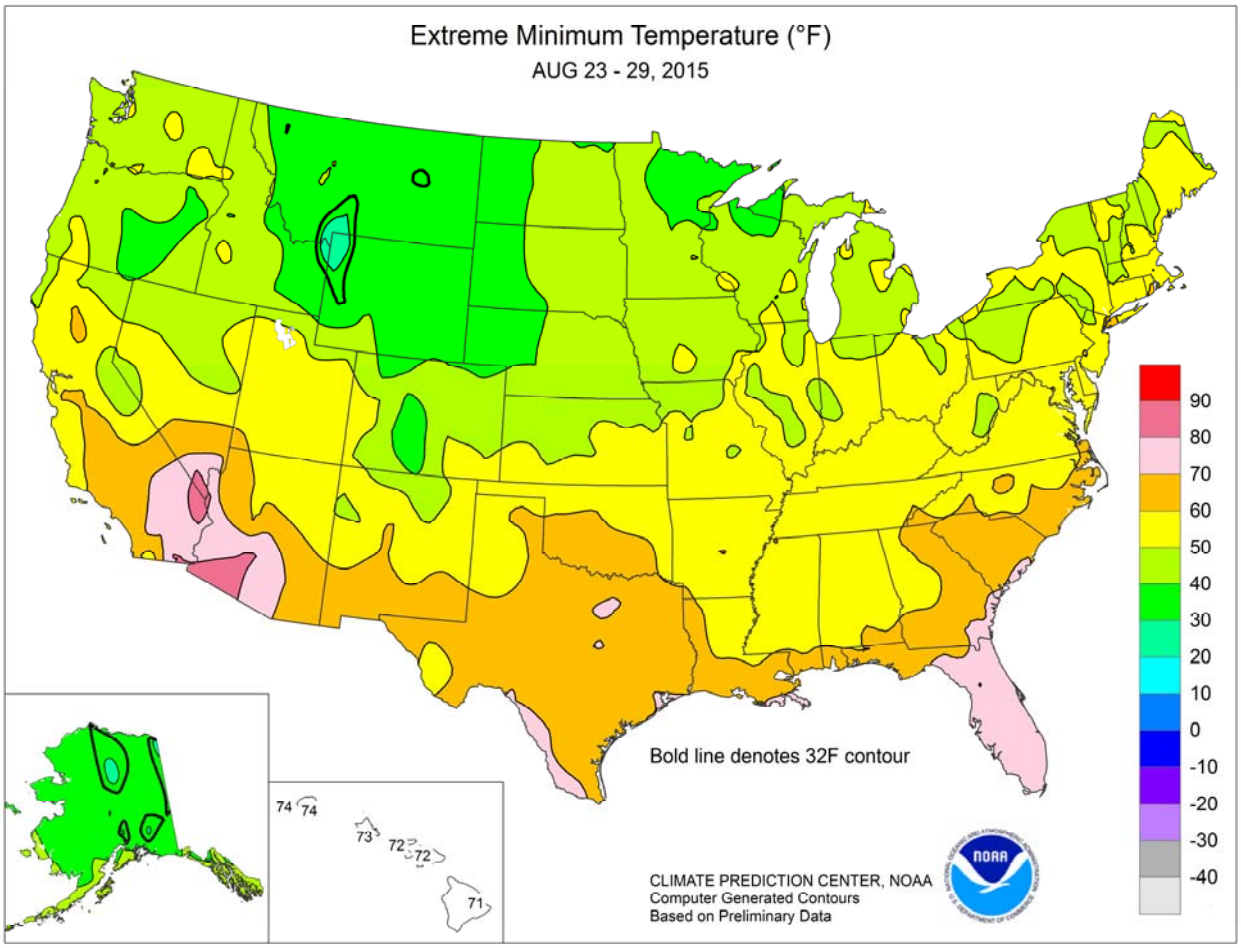

Crop Moisture Index by Division
Weekly Value for Period Ending Aug 29, 2015
Short Term Need vs. Available Water in a Shallow Soil Profile
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES 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 data
-3.0 or less (Severly 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 +3.0 (Wet)
3.0 and above (Excessively Wet)
NOAA


Crop Moisture Index by Division
Weekly Value for Period Ending Aug 29, 2015
Short Term Need vs. Available Water in a Shallow Soil Profile
(Index Values are in Tenths. Example 37=3.7)
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.
Based on preliminary data
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. 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. CROPS RUINED
NOAA


U.S. Drought Monitor
August 25, 2015
(Released Thursday, Aug. 27, 2015)
Valid 8 a.m. EDT
Author:
Anthony Artusa
NOAA/NWS/NCEP/CPC
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/

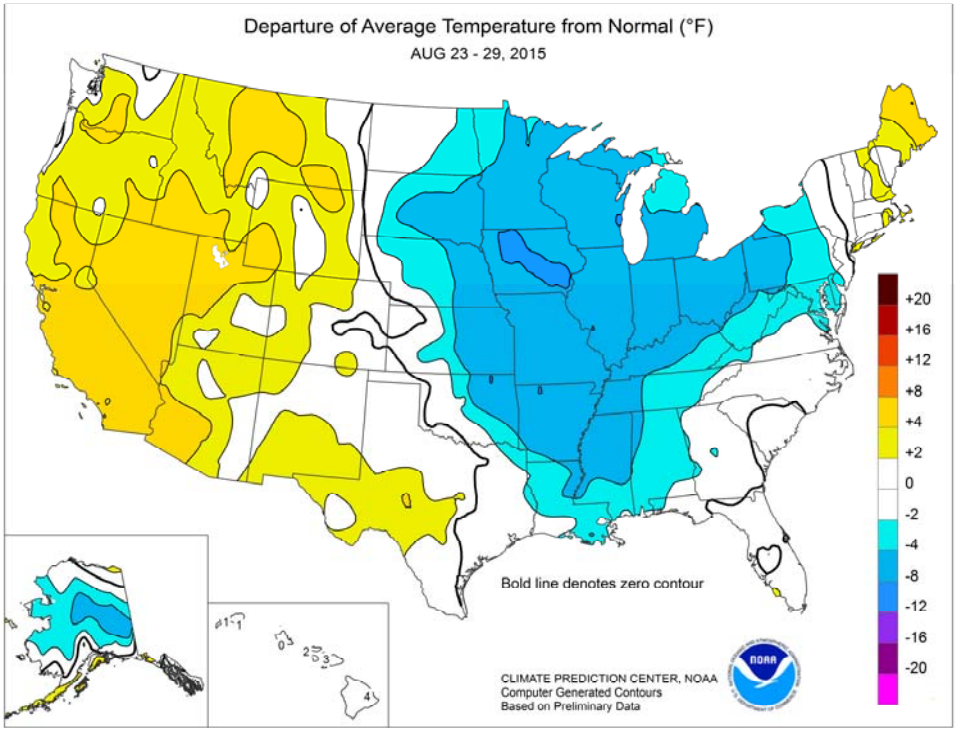

U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for September 2015
Released August 31, 2015
Author:
David Miskus
NOAA/NWS/NCEP/Climate Prediction Center
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).
Drought persists/intensifies
Drought remains but improves
Drought removal likely
Drought development likely
http://go.usa.gov/h6jh


Extreme Maximum Temperature (°F)
AUG 23 - 29, 2015
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
93
90
92
90
95
90
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
AUG 23 - 29, 2015
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
74
74
73
72
72
71
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

(Continued from front cover)

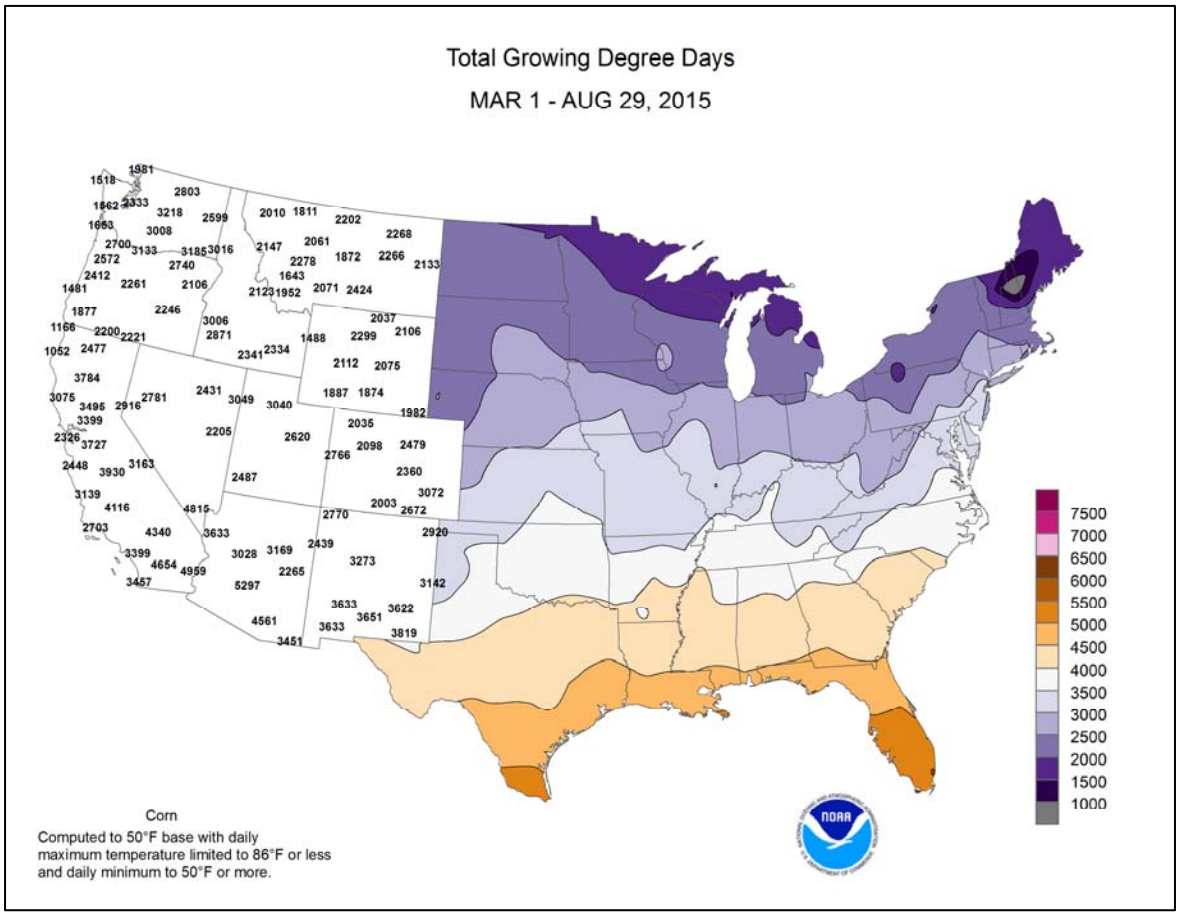
eastern Nebraska into southern Wisconsin, including parts of **Iowa**. Aside from local flooding in the **western Corn Belt**, conditions remained generally favorable for **Midwestern** corn and soybeans. Favorable conditions for fieldwork and maturing summer crops extended across the **Plains**, where a period of cool weather was followed by rapid warming. Temperatures topped 100°F as far north as **western Nebraska** by August 26, followed by late-week heat that resulted in readings near the 100-degree mark in **eastern Montana** and environs. Elsewhere, monsoon-related showers remained active in the **Four Corners States**, but hot, dry weather covered other areas of the **western U.S.** Dozens of **Northwestern** wildfires, in various stages of containment, charred thousands of additional acres. Toward week's end, however, favorably cooler weather accompanied scattered **Northwestern** showers, although most of the meaningful rain was limited to areas near the **Pacific Coast**.

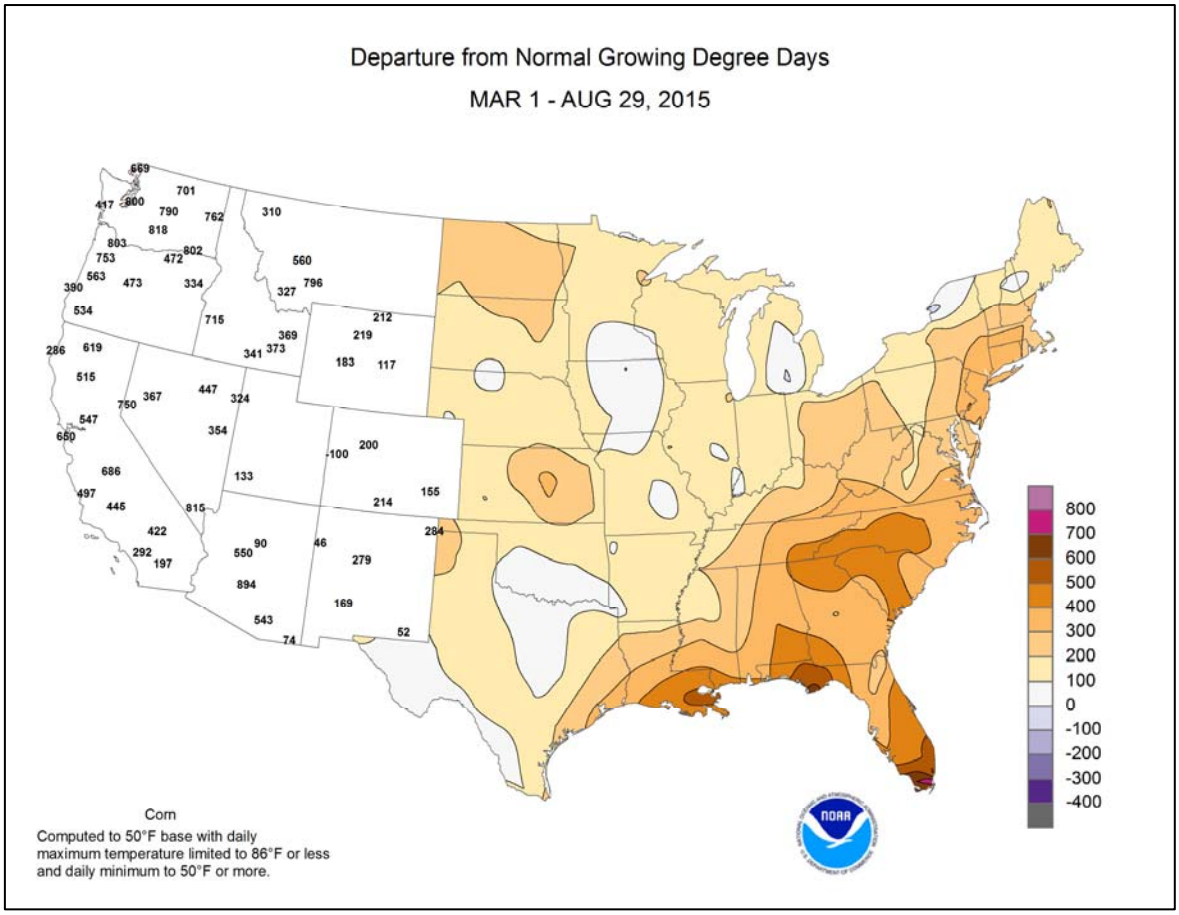


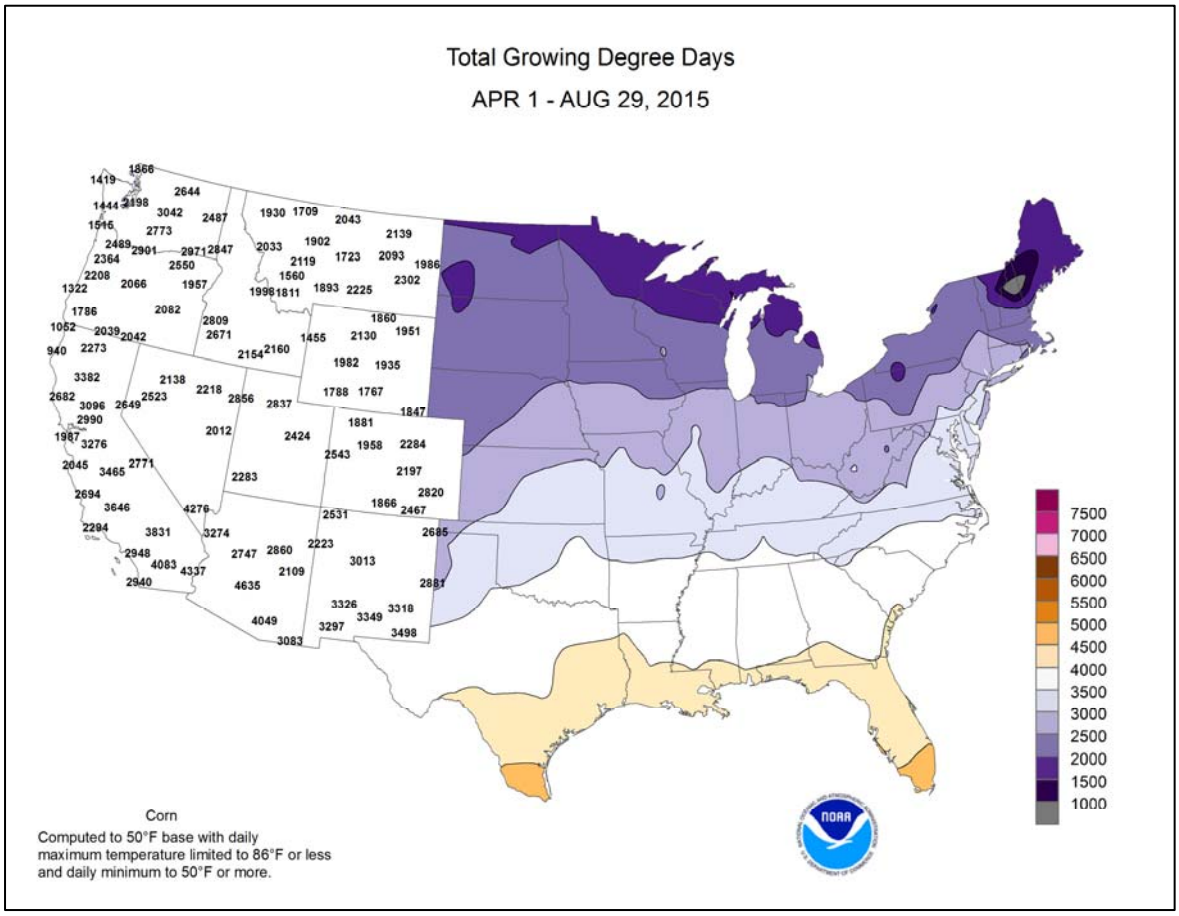
Early in the week, very cool air settled across the **northern Plains** and the **northern Intermountain West**. With a low of 29°F on August 23, **Casper, WY**, reported its earliest freeze on record (previously, 32°F on September 1, 1965). **Casper's** previous lowest August temperature had been 33°F on August 31, 1977. Also on the 23rd, **Rapid City, SD** (38°F), tied a monthly record most recently set on August 30, 1992, while **Worland, WY** (35°F), reported its second-lowest August reading behind only 34°F on August 30, 1964. Meanwhile in **Montana**, daily-record lows for August 23 dipped below the freezing mark in locations such as **Choteau** (28°F), **Livingston** (30°), and **Kalispell** (31°F). With 30°F, **Sheridan, WY**, also notched a daily-record low for August 23. Later, cool air settled across the **Plains**, **Midwest**, **South**, and **East**. On August 25-26, consecutive daily-record lows were set in locations such as **Paducah, KY** (52°F both days), and **Cape Girardeau, MO** (52 and 51°F). Other daily-record lows included 38°F (on August 24) in **Valentine, NE**; 42°F (on August 25) in **Sisseton, SD**; 46°F (on August 26) in **Ottumwa, IA**; and 51°F (on August 27) in **Springfield, MO**. In contrast, heat quickly returned to the **northern Intermountain West** and the **High Plains**. **Idaho Falls, ID**, noted a daily-record high of 97°F on August 25. The following day, record-setting highs in **Nebraska** for August 26 included 102°F in **Imperial** and 101°F in **Sidney**. Heat also returned to **California**, where daily-record highs reached 107°F (on August 28) in **King City** and 105°F (on August 26) in **Paso Robles**. In **Pocatello, ID**, the week began with a daily-record low (36°F on August 23) and ended with a daily-record high (97°F on August 29).

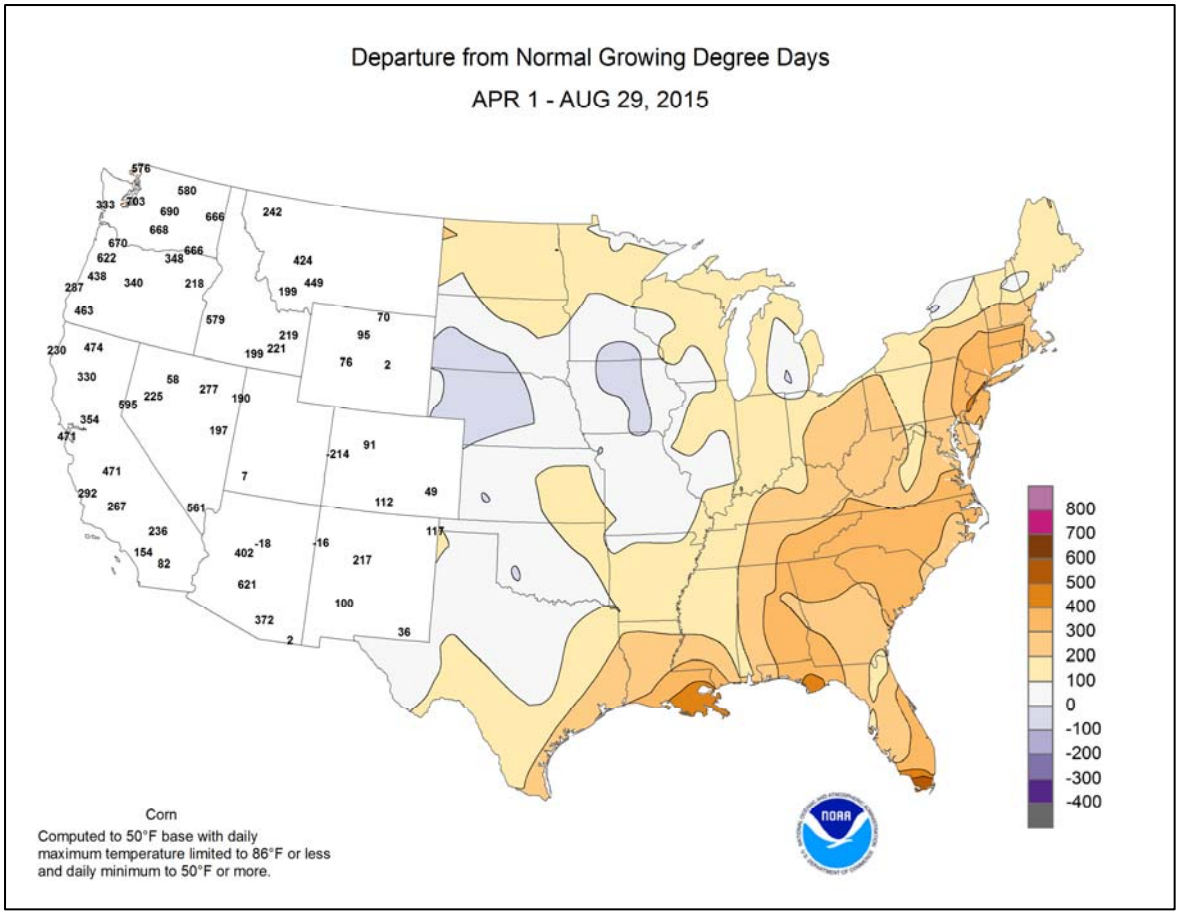
In advance of a cold front, early-week showers were scattered across several areas. On the **Plains**, daily-record totals for August 23 included 2.50 inches in **Wichita, KS**, and 1.63 inches in **Muskogee, OK**. Showers lingered for a few days in parts of **Texas**, where **Houston's Hobby Airport** netted a daily-record rainfall (1.81 inches) for August 25. Meanwhile, significant rain fell in portions of **northern New England**, where **Houlton, ME**, received a record-setting rainfall (1.24 inches) for August 26. Late in the week, a surge of **Southwestern** monsoon moisture interacting with a cold front resulted in locally heavy rain. Daily-record amounts for August 27 reached 2.44 inches in **Chanute, KS**, and 2.09 inches in **Broken Bow, NE**. The following day, **Waterloo, IA**, received 4.10 inches—a record for August 28. The last time **Waterloo** reported more than 4 inches of rain on an August day was August 20, 1966, when 4.92 inches fell. Heavy, late-week showers also dotted the **southern Atlantic region**, where **Alma, GA**, collected a daily-record total (1.78 inches) for August 28. At week's end, an autumn-like storm arrived in the **Pacific Northwest**. On August 29, peak wind gusts were clocked to 64 mph in **Hoquiam, WA**, and 62 mph in **Astoria, OR**. In addition, **Seattle, WA**, measured 1.70 inches of rain from August 28-30, aided by a daily-record total of 1.28 inches on the 29th.

Most of **Alaska** continued to receive widespread showers. Precipitation was particularly heavy across **southeastern Alaska** on August 28, when daily-record totals reached 2.61 inches in **Petersburg** and 2.09 inches in **Klawock**. Earlier, daily-record totals for August 25 had included 1.26 inches in **Kotzebue** and 0.55 inch in **Barrow**. **Kotzebue's** weekly rainfall totaled 2.34 inches. Meanwhile, warmth returned to the southern tier of the state, but weekly temperatures averaged more than 5°F below normal in parts of **interior Alaska**. **Cold Bay** (70°F) reported a daily-record high for August 26, but **McGrath's** high temperature peaked at just 48°F on August 28 and 29. Farther south, active, showery weather also continued in parts of **Hawaii**. Rainfall was especially heavy from **Kauai to Oahu**, where several locations reported 24-hour totals in excess of 4 inches—mainly on August 23-24 and 26-27. On **Oahu**, **Maunawili** netted a weekly rainfall of 9.44 inches, aided by a 4.38 inch total in a 24-hour period on August 26-27. Similarly, **Honolulu, Oahu**, was soaked by 7.39 inches, all of which fell from August 23-27. **Honolulu** also experienced its wettest August day, when 3.59 inches fell on August 24 (previously, 2.92 inches on August 4, 2004). Through August 29, **Honolulu's** month-to-date rainfall climbed to 7.63 inches (1,467 percent of normal). Previously, **Honolulu's** highest rainfall total for any summer month had been 3.74 inches in August 2004. With 5.28 inches on August 24, **Lihue, Kauai**, just missed recording its wettest August day—which remains 5.31 inches on August 6, 1959. Despite the showery weather, several **Hawaiian** daily-record highs were set or tied. In fact, **Hilo** (on the **Big Island**) posted five consecutive daily-record highs from August 26-30, including readings of 90°F on the 28th and 29th. In **Kahului, Maui**, where the last cooler-than-normal day—in terms of daily average temperature—occurred on June 13, daily-record highs (93 and 92°F, respectively) were set on August 27-28.


Total Growing Degree Days
MAR 1 - AUG 29, 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 - AUG 29, 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 - AUG 29, 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 - AUG 29, 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 August 29, 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 JUN 1	PCT. NORMAL SINCE JUN 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	85	66	88	58	76	-3	1.73	1.00	1.16	16.15	133	41.88	112	95	51	0	0	2	2
	HUNTSVILLE	86	64	89	58	75	-3	1.40	0.66	1.05	16.30	140	41.68	108	86	57	0	0	2	1
	MOBILE	90	68	94	62	79	-2	0.00	-1.41	0.00	15.11	88	47.07	101	90	50	4	0	0	0
	MONTGOMERY	92	68	96	60	80	-1	0.16	-0.64	0.10	10.60	83	31.09	81	88	43	4	0	2	0
AK	ANCHORAGE	63	47	69	40	55	0	0.03	-0.67	0.03	4.25	79	7.33	85	70	62	0	0	1	0
	BARROW	42	34	52	32	38	0	0.78	0.57	0.55	2.74	130	4.70	177	97	84	0	2	4	1
	FAIRBANKS	53	44	58	38	49	-5	1.63	1.27	0.86	6.33	134	7.90	117	89	79	0	0	5	1
	JUNEAU	60	48	71	41	54	-1	2.57	1.28	1.01	22.25	181	50.07	161	94	85	0	0	5	2
	KODIAK	66	53	72	48	60	6	0.16	-1.00	0.16	7.65	57	46.77	106	67	51	0	0	1	0
	NOME	52	43	58	33	47	-2	2.62	1.88	0.96	5.80	93	10.24	104	92	85	0	0	3	3
AZ	FLAGSTAFF	78	51	84	47	65	2	0.83	0.24	0.61	7.32	132	18.24	122	93	37	0	0	4	1
	PHOENIX	107	84	111	80	95	4	0.33	0.16	0.15	2.30	118	4.79	95	51	30	7	0	3	0
	PRESCOTT	89	62	94	59	75	5	0.45	-0.21	0.40	7.15	112	13.87	106	79	30	4	0	3	0
	TUCSON	100	75	105	72	88	4	0.44	0.00	0.24	4.18	93	7.86	102	66	35	7	0	2	0
AR	FORT SMITH	85	65	89	59	75	-5	0.97	0.37	0.94	16.35	168	49.62	178	85	47	0	0	2	1
	LITTLE ROCK	89	66	92	61	78	-2	0.03	-0.66	0.03	8.08	82	37.86	117	84	37	4	0	1	0
CA	BAKERSFIELD	100	72	104	69	86	5	0.00	0.00	0.00	0.04	33	2.66	58	42	26	7	0	0	0
	FRESNO	101	70	106	66	85	6	0.00	0.00	0.00	0.44	183	3.66	47	50	30	7	0	0	0
	LOS ANGELES	81	69	86	64	75	4	0.00	-0.03	0.00	0.36	225	2.92	31	88	71	0	0	0	0
	REDDING	98	65	101	62	81	3	0.00	-0.06	0.00	0.61	69	6.81	31	54	29	7	0	0	0
	SACRAMENTO	95	62	102	60	79	5	0.00	-0.02	0.00	0.07	26	5.05	42	75	19	5	0	0	0
	SAN DIEGO	84	72	90	70	78	5	0.01	-0.01	0.01	1.76	1257	5.79	75	82	66	1	0	1	0
	SAN FRANCISCO	78	61	93	57	70	6	0.00	-0.01	0.00	0.26	173	3.63	27	85	67	1	0	0	0
	STOCKTON	97	61	103	58	79	3	0.01	0.00	0.01	0.15	100	2.95	33	71	37	6	0	1	0
CO	ALAMOSA	81	44	86	35	62	1	0.30	0.05	0.22	2.99	115	6.94	146	86	36	0	0	3	0
	CO SPRINGS	85	55	91	48	70	4	0.02	-0.68	0.02	10.39	122	22.63	159	69	20	2	0	1	0
	DENVER INTL	90	55	97	43	72	3	0.00	-0.30	0.00	4.54	81	13.39	125	64	19	4	0	0	0
	GRAND JUNCTION	89	59	95	55	74	1	0.39	0.22	0.37	2.90	161	7.98	139	53	33	4	0	2	0
	PUEBLO	93	57	97	51	75	3	0.01	-0.43	0.01	6.10	110	15.04	153	65	27	6	0	1	0
CT	BRIDGEPORT	83	66	87	60	74	2	0.13	-0.70	0.13	9.29	86	23.58	80	78	54	0	0	1	0
	HARTFORD	83	60	88	53	71	1	0.16	-0.77	0.16	11.32	102	24.89	83	88	51	0	0	1	0
DC	WASHINGTON	85	67	91	63	76	0	0.41	-0.35	0.41	18.14	182	32.93	127	78	42	1	0	1	0
DE	WILMINGTON	84	59	87	56	72	-2	0.05	-0.72	0.05	16.36	147	35.03	121	90	42	0	0	1	0
FL	DAYTONA BEACH	90	73	94	72	82	1	2.22	0.71	1.33	15.93	98	30.27	95	97	61	3	0	5	2
	JACKSONVILLE	90	72	95	71	81	1	2.92	1.21	1.60	17.39	100	29.83	86	97	62	4	0	5	2
	KEY WEST	90	79	94	76	85	1	2.01	0.65	0.76	9.42	75	21.85	92	85	66	5	0	6	2
	MIAMI	92	79	93	75	85	1	1.01	-1.18	0.35	15.77	72	27.27	73	90	62	7	0	5	0
	ORLANDO	92	74	96	72	83	0	2.58	1.13	1.24	23.74	117	37.73	109	98	68	6	0	4	2
	PENSACOLA	88	73	93	66	80	-2	0.00	-1.49	0.00	11.82	57	39.71	87	83	50	2	0	0	0
	TALLAHASSEE	92	72	96	65	82	0	0.85	-0.65	0.53	18.71	87	37.23	80	86	56	6	0	3	1
	TAMPA	91	78	94	74	84	1	0.93	-0.88	0.75	33.69	178	54.58	174	85	59	5	0	3	1
	WEST PALM BEACH	90	76	93	73	83	0	1.95	0.22	0.78	15.46	80	29.20	76	92	74	5	0	5	2
GA	ATHENS	87	67	92	62	77	-1	0.54	-0.26	0.54	14.05	118	34.45	104	91	63	1	0	1	1
	ATLANTA	85	68	89	60	76	-2	1.42	0.64	1.42	17.02	140	40.74	117	83	57	0	0	1	1
	AUGUSTA	89	67	93	63	78	-1	0.19	-0.82	0.19	10.06	81	25.67	81	96	57	3	0	1	0
	COLUMBUS	89	70	94	63	80	-1	0.54	-0.22	0.31	13.06	108	32.63	94	85	44	2	0	3	0
	MACON	88	66	93	57	77	-2	0.73	-0.10	0.60	9.49	83	25.99	81	95	54	2	0	2	1
	SAVANNAH	89	73	94	71	81	1	1.00	-0.64	0.81	16.37	90	33.69	95	91	66	2	0	3	1
HI	HILO	87	73	90	71	80	4	0.99	-1.21	0.78	30.22	111	69.32	86	92	80	2	0	4	1
	HONOLULU	88	77	92	73	82	0	6.54	6.48	4.42	7.45	556	10.46	103	90	79	3	0	6	2
	KAHULUI	92	74	95	72	83	3	1.47	1.37	1.47	3.08	263	22.21	185	86	73	6	0	1	1
	LIHUE	86	76	90	74	81	1	7.45	7.05	3.06	10.62	187	16.51	72	87	74	1	0	4	3
ID	BOISE	94	65	96	58	80	8	0.01	-0.07	0.01	1.38	105	6.17	79	31	21	7	0	1	0
	LEWISTON	89	61	94	53	75	3	0.04	-0.13	0.00	1.28	51	6.14	72	39	27	3	0	1	0
	POCATELLO	92	51	97	36	71	4	0.17	0.03	0.17	2.24	103	6.94	83	67	26	5	0	1	0
IL	CHICAGO/O'HARE	73	57	77	51	65	-6	0.74	-0.33	0.74	12.13	107	23.62	97	86	60	0	0	1	1
	MOLINE	75	55	78	52	65	-7	0.16	-0.82	0.08	19.53	153	28.48	106	86	59	0	0	3	0
	PEORIA	78	59	83	54	68	-4	0.03	-0.64	0.02	19.47	180	32.23	131	85	48	0	0	2	0
	ROCKFORD	73	56	77	51	65	-4	1.64	0.68	1.43	13.34	105	24.55	96	86	60	0	0	3	1
	SPRINGFIELD	79	55	83	49	67	-6	0.06	-0.68	0.03	14.87	142	27.78	114	92	48	0	0	2	0
IN	EVANSVILLE	82	59	87	55	71	-4	0.00	-0.69	0.00	15.12	141	37.56	123	89	51	0	0	0	0
	FORT WAYNE	75	56	83	50	65	-5	0.45	-0.35	0.43	21.52	197	35.64	142	91	59	0	0	2	0
	INDIANAPOLIS	79	59	84	52	69	-4	0.00	-0.80	0.00	23.07	190	36.20	127	83	49	0	0	0	0
	SOUTH BEND	71	56	78	47	64	-6	0.25	-0.69	0.20	10.29	89	23.39	91	91	67	0	0	3	0
IA	BURLINGTON	76	56	78	51	66	-7	0.00	-0.85	0.00	16.19	129	25.15	95	96	55	0	0	0	0
	CEDAR RAPIDS	73	52	76	46	62	-8	0.26	-0.70	0.18	15.25	123	24.44	102	99	61	0	0	2	0
	DES MOINES	76	57	79	53	67	-5	0.37	-0.63	0.31	19.87	154	29.22	116	83	59	0	0	3	0
	DUBUQUE	72	54	76	49	63	-5	1.06	-0.01	0.96	11.79	98	22.58	91	91	64	0	0	3	1
	SIOUX CITY	75	53	81	45	64	-7	2.20	1.58	1.83	15.84	165	23.74	123	86	61	0	0	2	1
	WATERLOO	73	52	77	45	63	-7	4.30	3.40	4.10	14.37	112	25.22	104	91	62	0	0	3	1
KS	CONCORDIA	82	56	88	48	69	-6	0.44	-0.21	0.26	13.88	124	21.94	102	86	58	0	0	2	0
	DODGE CITY	88	59	97	49	74	-3	0.11	-0.44	0.11	5.97	67	19.68	114	84	30	3	0	1	0
	GOODLAND	90	55	99	47	73	1	0.00	-0.43	0.00	4.92	53	16.70	102	81	31	5	0	0	0
	TOPEKA	82	59	85	50	70	-5	0.59	-0.29	0.36	18.66	153	33.25	134	94	58	0	0	3	0

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending August 29, 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 JUN 1	PCT. NORMAL SINCE JUN 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	84	63	90	54	74	-4	2.59	1.93	2.50	15.98	156	32.31	150	85	51	2	0	3	1
KY	JACKSON	80	60	85	56	70	-3	0.04	-0.87	0.03	21.31	163	45.77	136	90	51	0	0	2	0
	LEXINGTON	82	58	88	51	70	-4	0.69	-0.08	0.47	17.50	135	43.29	134	90	47	0	0	2	0
	LOUISVILLE	83	63	89	59	73	-3	0.00	-0.69	0.00	18.93	168	43.06	139	80	43	0	0	0	0
	PADUCAH	84	58	90	52	71	-4	0.00	-0.65	0.00	14.85	127	40.46	122	94	43	1	0	0	0
LA	BATON ROUGE	91	67	95	60	79	-2	0.00	-1.31	0.00	15.01	90	47.39	108	89	41	5	0	0	0
	LAKE CHARLES	92	70	98	65	81	-1	0.01	-1.19	0.01	11.55	75	45.97	122	93	46	6	0	1	0
	NEW ORLEANS	91	75	96	69	83	1	0.00	-1.50	0.00	11.21	60	46.40	104	75	48	4	0	0	0
	SHREVEPORT	92	68	97	63	80	-2	0.84	0.26	0.84	8.68	75	44.86	131	88	41	5	0	1	1
ME	CARIBOU	76	58	82	52	67	5	0.88	-0.02	0.72	11.58	105	22.44	91	93	62	0	0	4	1
	PORTLAND	76	61	80	55	69	3	0.35	-0.32	0.35	10.10	108	26.72	93	97	71	0	0	1	0
MD	BALTIMORE	84	60	89	56	72	-1	0.52	-0.32	0.52	19.04	178	36.23	129	87	43	0	0	1	1
MA	BOSTON	79	66	85	63	72	1	0.01	-0.77	0.01	9.28	99	22.79	84	87	62	0	0	1	0
	WORCESTER	75	61	80	57	68	1	0.04	-0.87	0.04	12.42	104	26.72	84	92	58	0	0	1	0
MI	ALPENA	70	52	81	45	61	-2	0.56	-0.21	0.22	6.16	69	14.70	77	92	61	0	0	4	0
	GRAND RAPIDS	70	56	76	51	63	-5	1.14	0.21	0.79	9.77	92	21.40	91	95	65	0	0	4	1
	HOUGHTON LAKE	69	53	74	50	61	-2	0.59	-0.29	0.36	7.89	87	16.52	88	92	69	0	0	4	0
	LANSING	70	55	78	49	62	-5	1.19	0.30	0.97	18.19	195	26.25	128	90	65	0	0	3	1
	MUSKEGON	70	56	75	49	63	-4	0.93	0.00	0.44	10.70	130	23.13	114	86	63	0	0	6	0
	TRAVERSE CITY	70	57	77	54	64	-2	0.85	0.03	0.28	5.17	55	15.94	75	91	60	0	0	6	0
MN	DULUTH	70	50	79	42	60	-2	0.05	-0.95	0.05	8.25	67	14.66	70	91	72	0	0	1	0
	INT'L FALLS	69	46	81	34	58	-4	0.50	-0.24	0.35	8.29	82	16.48	100	97	66	0	0	3	0
	MINNEAPOLIS	73	56	76	51	64	-5	0.00	-0.89	0.00	14.73	121	22.07	103	83	58	0	0	0	0
	ROCHESTER	70	52	75	47	61	-5	0.90	-0.03	0.86	12.56	99	25.18	111	92	71	0	0	2	1
	ST. CLOUD	73	51	80	42	62	-3	0.02	-0.91	0.02	14.94	131	23.62	122	95	50	0	0	1	0
MS	JACKSON	92	65	96	56	79	-1	0.00	-0.76	0.00	8.33	70	36.59	95	84	32	4	0	0	0
	MERIDIAN	88	64	93	57	76	-5	0.40	-0.27	0.40	11.52	91	34.58	84	92	46	3	0	1	0
	TUPELO	85	63	90	57	74	-5	1.61	1.01	1.61	20.18	185	52.58	139	89	54	1	0	1	1
MO	COLUMBIA	79	58	82	53	68	-6	0.03	-0.80	0.03	19.19	171	32.46	118	94	49	0	0	1	0
	KANSAS CITY	80	60	82	50	70	-5	0.01	-0.79	0.01	15.31	127	31.92	124	86	52	0	0	1	0
	SAINT LOUIS	81	62	84	57	72	-5	0.00	-0.64	0.00	23.94	230	38.96	148	79	48	0	0	0	0
	SPRINGFIELD	80	60	83	53	70	-6	0.47	-0.43	0.47	20.18	176	35.60	125	85	54	0	0	1	0
MT	BILLINGS	88	57	92	40	73	4	0.02	-0.16	0.02	4.17	107	9.83	93	54	21	2	0	1	0
	BUTTE	84	44	88	34	64	4	0.05	-0.25	0.05	3.16	66	6.51	67	73	14	0	0	1	0
	CUT BANK	87	48	90	32	68	7	0.00	-0.39	0.00	2.75	49	5.48	55	66	17	2	1	0	0
	GLASGOW	88	53	93	38	70	3	0.00	-0.25	0.00	4.92	96	9.26	107	67	32	4	0	0	0
	GREAT FALLS	90	52	94	39	71	7	0.02	-0.34	0.02	2.25	44	8.06	71	55	13	6	0	1	0
	HAVRE	89	49	95	33	69	3	0.07	-0.18	0.07	4.44	99	8.48	97	70	32	4	0	1	0
	MISSOULA	85	49	92	38	67	2	0.00	-0.26	0.00	2.17	57	6.08	63	60	36	1	0	0	0
NE	GRAND ISLAND	82	55	87	45	69	-3	0.00	-0.69	0.00	9.49	98	16.66	85	91	52	0	0	0	0
	LINCOLN	81	56	87	46	69	-5	1.05	0.32	0.77	13.83	136	29.35	141	92	55	0	0	2	1
	NORFOLK	78	53	83	40	66	-5	0.92	0.34	0.92	12.49	118	19.45	95	91	58	0	0	1	1
	NORTH PLATTE	85	50	92	40	68	-3	0.00	-0.39	0.00	7.71	92	15.82	100	94	40	2	0	0	0
	OMAHA	78	57	84	50	67	-6	0.95	0.25	0.87	16.02	149	26.89	123	93	61	0	0	2	1
	SCOTTSBLUFF	89	51	97	37	70	1	0.00	-0.22	0.00	6.97	119	19.17	152	86	40	4	0	0	0
	VALENTINE	84	53	96	38	68	-2	0.00	-0.40	0.00	8.53	104	17.95	117	91	49	2	0	0	0
NV	ELY	87	50	91	46	69	5	0.33	0.14	0.18	1.66	81	4.98	74	61	22	2	0	3	0
	LAS VEGAS	103	83	107	81	93	5	0.00	-0.08	0.00	0.87	96	3.06	97	31	18	7	0	0	0
	RENO	93	62	96	59	77	8	0.00	-0.06	0.00	1.55	176	4.40	91	41	21	6	0	0	0
	WINNEMUCCA	93	53	96	47	73	5	0.00	-0.08	0.00	0.97	80	6.33	117	30	20	7	0	0	0
NH	CONCORD	80	58	84	50	69	2	1.60	0.89	1.60	12.79	139	23.25	97	95	53	0	0	1	1
NJ	NEWARK	86	66	93	63	76	2	0.00	-0.86	0.00	9.99	85	27.68	88	73	40	1	0	0	0
NM	ALBUQUERQUE	88	65	91	62	76	1	0.02	-0.34	0.02	4.16	119	7.80	127	67	28	2	0	1	0
NY	ALBANY	81	59	85	53	70	2	0.45	-0.38	0.45	14.42	137	23.14	92	84	48	0	0	1	0
	BINGHAMTON	73	54	78	50	64	-1	0.00	-0.79	0.00	17.97	174	31.52	124	91	60	0	0	0	0
	BUFFALO	73	58	80	55	65	-3	0.09	-0.86	0.08	11.81	113	24.45	96	87	52	0	0	2	0
	ROCHESTER	74	56	79	50	65	-3	0.01	-0.85	0.01	14.29	151	26.00	118	87	56	0	0	1	0
	SYRACUSE	77	56	82	54	66	-2	0.16	-0.68	0.12	15.20	139	27.52	108	96	53	0	0	3	0
NC	ASHEVILLE	82	61	86	57	71	0	0.29	-0.70	0.29	11.70	96	25.94	80	86	59	0	0	1	0
	CHARLOTTE	87	66	92	59	77	-1	1.19	0.36	1.19	7.46	70	22.44	77	84	44	1	0	1	1
	GREENSBORO	85	66	91	62	76	1	0.00	-0.82	0.00	12.06	106	25.02	86	84	46	1	0	0	0
	HATTERAS	84	71	90	66	78	0	0.87	-0.63	0.85	16.71	113	36.34	99	91	61	1	0	2	1
	RALEIGH	87	66	92	60	76	0	0.89	0.05	0.89	14.43	129	32.27	110	87	50	1	0	1	1
	WILMINGTON	87	69	89	66	78	-1	0.75	-0.90	0.63	17.95	91	38.52	98	94	56	0	0	3	1
ND	BISMARCK	82	51	93	42	66	-1	0.00	-0.44	0.00	7.90	110	15.18	120	93	50	1	0	0	0
	DICKINSON	85	49	99	37	67	0	0.00	-0.35	0.00	6.05	90	9.78	80	84	26	2	0	0	0
	FARGO	77	53	84	42	65	-2	0.06	-0.49	0.06	6.82	78	16.94	111	88	47	0	0	1	0
	GRAND FORKS	75	52	85	42	63	-3	1.14	0.57	1.14	10.50	122	16.80	118	95	50	0	0	1	1
	JAMESTOWN	76	51	84	41	63	-4	0.22	-0.24	0.22	9.83	116	20.00	142	94	53	0	0	1	0
	WILLISTON	86	50	94	38	68	2	0.00	-0.30	0.00	4.27	71	7.78	73	87	42	3	0	0	0
OH	AKRON-CANTON	77	55	87	52	66	-3	0.00	-0.80	0.00	12.55	115	28.94	110	82	50	0	0	0	0
	CINCINNATI	80	58	87	53	69	-4	0.13	-0.70	0.00	15.10	129	32.36	109	85	49	0	0	1	0
	CLEVELAND	75	56	84	51	65	-4	0.32	-0.57	0.20	13.91	130	28.25	112	89	52	0	0	5	0
	COLUMBUS	77	58	86	56	67	-6	0.57	-0.21	0.33	15.56	128	31.69	118	86	52	0	0	2	0
	DAYTON	77	56	85	51	67	-4	0.40	-0.36	0.40	14.23	127	29.54	107	93	51	0	0	1	0
	MANSFIELD	75	54	84	50	64	-4	0.16	-0.89	0.16	12.06	93	29.85	100	98	49	0	0	1	0

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

Weather Data for the Week Ending August 29, 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 JUN 1	PCT. NORMAL SINCE JUN 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	74	55	83	50	65	-5	0.19	-0.58	0.13	16.33	173	28.24	127	94	58	0	0	2	0
	YOUNGSTOWN	75	52	83	49	63	-4	0.00	-0.80	0.00	15.58	140	30.63	121	89	55	0	0	0	0
OK	OKLAHOMA CITY	88	68	94	64	78	-2	0.00	-0.60	0.00	14.01	144	42.67	178	85	50	4	0	0	0
	TULSA	84	64	89	56	74	-7	1.24	0.51	0.80	16.70	165	41.80	153	92	62	0	0	2	1
OR	ASTORIA	71	52	74	46	61	0	1.10	0.74	0.77	2.33	50	28.99	77	94	75	0	0	3	1
	BURNS	89	44	93	38	67	5	0.00	-0.08	0.00	0.72	51	4.78	70	46	22	5	0	0	0
	EUGENE	86	53	92	45	69	3	0.11	-0.18	0.11	0.39	13	12.54	43	74	46	1	0	1	0
	MEDFORD	91	61	93	56	76	5	0.03	-0.10	0.03	0.64	47	7.46	72	60	24	6	0	1	0
	PENDLETON	88	58	94	49	73	3	0.01	-0.12	0.01	0.07	4	5.01	63	43	25	2	0	1	0
	PORTLAND	85	59	90	55	72	4	0.25	-0.01	0.25	1.34	44	15.41	73	74	51	1	0	1	0
	SALEM	85	56	90	51	70	4	0.26	0.06	0.26	0.94	37	15.52	69	75	46	1	0	1	0
PA	ALLENTOWN	82	55	87	51	69	-1	0.00	-1.00	0.00	15.58	127	27.20	91	88	47	0	0	0	0
	ERIE	74	58	80	54	66	-4	1.42	0.35	1.25	10.46	93	24.64	95	80	59	0	0	3	1
	MIDDLETOWN	82	62	87	59	72	-1	0.14	-0.62	0.14	11.89	114	24.63	91	84	43	0	0	1	0
	PHILADELPHIA	86	66	89	63	76	1	0.00	-0.83	0.00	13.02	116	30.19	105	68	36	0	0	0	0
	PITTSBURGH	76	56	84	53	66	-4	0.00	-0.76	0.00	13.14	118	27.65	105	83	46	0	0	0	0
	WILKES-BARRE	79	56	85	53	68	-1	0.10	-0.64	0.10	11.23	107	20.81	84	84	46	0	0	1	0
	WILLIAMSPORT	79	57	85	54	68	-2	0.00	-0.80	0.00	15.62	135	28.01	102	88	52	0	0	0	0
RI	PROVIDENCE	83	64	88	58	74	3	0.68	-0.25	0.68	10.46	104	27.40	91	87	51	0	0	1	1
SC	BEAUFORT	89	72	95	69	81	1	2.57	0.81	1.14	18.73	103	33.92	96	94	59	3	0	5	2
	CHARLESTON	89	73	94	71	81	1	0.15	-1.48	0.08	19.23	105	34.45	96	92	57	3	0	2	0
	COLUMBIA	92	71	97	62	82	3	0.01	-1.18	0.01	12.95	83	28.83	83	82	45	7	0	1	0
	GREENVILLE	87	67	92	63	77	0	0.35	-0.50	0.35	9.82	79	28.40	82	85	44	2	0	1	0
SD	ABERDEEN	77	52	84	41	65	-4	0.00	-0.51	0.00	9.09	105	17.33	112	91	58	0	0	0	0
	HURON	77	53	83	41	65	-4	0.08	-0.34	0.08	13.27	165	19.23	120	94	53	0	0	1	0
	RAPID CITY	85	51	93	38	68	-1	1.60	1.29	1.56	14.54	228	22.58	173	85	35	2	0	2	1
	SIOUX FALLS	74	51	78	43	62	-7	2.66	1.97	2.60	15.05	164	21.63	120	91	61	0	0	3	1
TN	BRISTOL	83	59	86	55	71	-1	0.74	0.11	0.74	14.24	131	29.15	100	97	44	0	0	1	1
	CHATTANOOGA	85	65	89	59	75	-3	1.36	0.55	1.36	17.48	146	40.68	110	85	56	0	0	1	1
	KNOXVILLE	86	64	90	60	75	-1	0.00	-0.56	0.00	15.44	134	32.92	97	94	48	2	0	0	0
	MEMPHIS	87	66	93	61	77	-3	0.00	-0.66	0.00	13.74	122	33.96	93	82	40	2	0	0	0
	NASHVILLE	86	63	91	57	75	-2	0.10	-0.64	0.10	14.42	133	35.42	109	82	39	2	0	1	0
TX	ABILENE	97	70	102	66	83	2	0.01	-0.64	0.01	12.54	178	25.16	167	79	39	7	0	1	0
	AMARILLO	88	63	91	56	75	0	0.02	-0.62	0.02	14.20	164	28.75	194	79	40	3	0	1	0
	AUSTIN	97	69	99	64	83	-1	0.00	-0.52	0.00	3.50	45	29.11	136	81	41	7	0	0	0
	BEAUMONT	93	71	98	66	82	0	0.20	-1.00	0.20	13.44	83	47.42	123	97	46	6	0	1	0
	BROWNSVILLE	94	74	97	68	84	0	0.12	-0.75	0.12	4.89	69	25.40	169	96	62	7	0	1	0
	CORPUS CHRISTI	95	73	97	67	84	0	0.00	-0.95	0.00	5.16	60	35.42	184	87	44	7	0	0	0
	DEL RIO	100	76	101	71	88	4	0.00	-0.35	0.00	5.54	96	20.63	168	71	40	7	0	0	0
	EL PASO	95	72	98	68	83	3	1.03	0.64	0.45	4.60	117	7.15	127	63	26	7	0	4	0
	FORT WORTH	97	76	100	72	86	3	0.00	-0.40	0.00	5.35	74	36.96	161	75	37	7	0	0	0
	GALVESTON	90	79	95	76	85	1	0.21	-0.91	0.21	4.69	42	26.88	100	82	50	3	0	1	0
	HOUSTON	93	72	98	69	83	0	0.18	-0.78	0.18	14.94	125	45.38	148	91	50	7	0	1	0
	LUBBOCK	91	64	96	56	78	1	0.23	-0.34	0.23	6.36	89	22.30	175	75	44	5	0	1	0
	MIDLAND	94	69	100	65	82	3	0.81	0.42	0.79	5.02	97	14.03	152	74	42	6	0	2	1
	SAN ANGELO	98	71	102	68	85	5	1.28	0.74	0.75	5.38	101	20.26	156	77	40	7	0	2	2
	SAN ANTONIO	97	75	100	71	86	2	0.00	-0.63	0.00	6.78	79	30.04	142	80	35	7	0	0	0
	VICTORIA	95	71	97	65	83	-1	0.02	-0.79	0.02	11.72	112	39.46	156	100	52	7	0	1	0
	WACO	98	73	101	67	85	1	0.00	-0.40	0.00	6.74	97	28.08	132	81	41	7	0	0	0
	WICHITA FALLS	97	69	99	66	83	1	0.45	-0.17	0.42	8.47	116	33.58	179	81	45	7	0	2	0
UT	SALT LAKE CITY	93	68	98	59	81	7	0.01	-0.16	0.01	2.76	130	11.15	103	48	19	5	0	1	0
VT	BURLINGTON	80	61	86	56	70	3	0.02	-0.89	0.02	15.38	139	24.84	106	82	43	0	0	1	0
VA	LYNCHBURG	83	59	89	57	71	-2	0.00	-0.73	0.00	11.36	100	24.74	84	92	46	0	0	0	0
	NORFOLK	84	70	91	64	77	0	0.00	-1.01	0.00	18.01	134	33.01	103	79	47	1	0	0	0
	RICHMOND	87	64	91	61	75	0	0.11	-0.77	0.06	14.71	121	32.70	109	84	45	1	0	2	0
	ROANOKE	84	62	89	56	73	-1	0.01	-0.83	0.01	16.45	148	31.41	108	85	48	0	0	1	0
	WASH/DULLES	84	60	90	55	72	-2	0.10	-0.77	0.10	13.41	121	27.28	98	81	45	1	0	1	0
WA	OLYMPIA	80	49	87	41	65	2	1.13	0.81	1.00	2.35	68	22.84	81	89	57	0	0	2	1
	QUILLAYUTE	72	49	77	43	61	2	1.85	1.21	1.53	3.23	39	44.63	77	95	68	0	0	3	1
	SEATTLE-TACOMA	78	57	85	54	68	3	0.78	0.50	0.76	2.68	87	18.69	91	74	49	0	0	2	1
	SPOKANE	86	59	94	52	73	6	0.01	-0.14	0.01	0.31	12	7.08	69	44	21	1	0	1	0
	YAKIMA	89	55	95	48	72	5	0.00	-0.08	0.00	0.07	6	4.28	89	63	32	3	0	0	0
WV	BECKLEY	77	56	83	50	66	-2	0.15	-0.54	0.15	17.12	143	37.09	125	89	52	0	0	1	0
	CHARLESTON	81	58	87	54	69	-3	0.00	-0.87	0.00	17.19	134	36.42	119	96	46	0	0	0	0
	ELKINS	78	52	83	48	65	-3	0.00	-0.94	0.00	15.60	116	37.45	116	95	43	0	0	0	0
	HUNTINGTON	81	56	87	52	69	-4	0.00	-0.78	0.00	14.38	120	34.81	116	99	45	0	0	0	0
WI	EAU CLAIRE	70	51	76	45	61	-6	0.23	-0.87	0.12	18.10	145	27.55	121	91	60	0	0	2	0
	GREEN BAY	69	53	75	47	61	-5	0.56	-0.32	0.37	9.26	90	16.22	82	92	66	0	0	3	0
	LA CROSSE	72	56	77	51	64	-6	1.63	0.67	1.49	10.12	83	22.72	98	92	54	0	0	2	1
	MADISON	70	56	75	50	63	-4	1.84	0.86	0.90	12.27	103	22.99	98	86	66	0	0	3	2
	MILWAUKEE	69	56	75	53	63	-6	0.92	-0.02	0.78	7.55	70	17.76	75	82	60	0	0	3	1
WY	CASPER	88	48	95	29	68	2	0.00	-0.11	0.00	2.90	86	10.40	111	58	22	3	1	0	0
	CHEYENNE	84	52	93	38	68	4	0.40	0.04	0.32	4.05	67	13.90	115	65	31	2	0	2	0
	LANDER	88	52	95	39	70	3	0.09	-0.02	0.08	1.88	76	12.41	135	63	17	3	0	2	0
	SHERIDAN	93	51	101	41	72	6	0.03	-0.13	0.03	4.47	121	13.47	132	61	23	6	0	1	0

Based on 1971-2000 normals

***** Not Available**

National Agricultural Summary

August 24 – 30, 2015

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Most of the nation recorded below-average weekly precipitation, with the notable exception of Iowa. Showers and thunderstorms brought late-week rain to north-central Iowa, where rainfall totals of 4 to 6 inches were common and unofficial totals as high as 10 inches were reported in Webster and Hamilton Counties. Temperatures were generally below normal for the week in the eastern U.S., averaging more than 8°F below normal in parts of Iowa and Missouri. Temperatures were higher in the West, with widespread areas averaging more than 5°F above normal from California to Montana.

Corn: By August 30, ninety-two percent of the nation's corn had reached the dough stage or beyond, 3 percentage points ahead of last year and 2 points ahead of the 5-year average. By week's end, 60 percent of this year's corn was at or beyond the dent stage, 10 percentage points ahead of last year but equal to the 5-year average. During the week, the percentage of the crop entering the dent stage advanced by at least 20 percentage points in eight of the 18 estimating states. Nine percent of the nation's crop was mature by August 30, two percentage points ahead of last year but 6 points behind the 5-year average. Below-normal temperatures in most of the Corn Belt have slowed corn maturation, with all estimating states behind their respective 5-year averages except Colorado. Overall, 68 percent of the corn was reported in good to excellent condition, down slightly from last week and 6 percentage points below the same time last year.

Soybeans: Ninety-three percent of the nation's soybeans were setting pods or beyond, slightly behind last year and 2 percentage points behind the 5-year average. Nationally, leaf drop advanced to 9 percent complete by August 30, four percentage points ahead of last year and 2 points ahead of the 5-year average. Progress was most advanced in the Mississippi Delta, with the portion of the crop dropping leaves at 58 percent Louisiana and 44 percent in Mississippi—both 15 percentage points ahead of the 5-year average. Overall, 63 percent of the soybeans were reported in good to excellent condition, unchanged from last week but 9 percentage points below the same time last year.

Cotton: Ninety-four percent of the nation's cotton was setting bolls or beyond by August 30, slightly behind last year and 2 percentage points behind the 5-year average. By August 30, open bolls were evident in 22 percent of the nation's cotton fields, 7 percentage points behind last year and 5 points behind the 5-year average. Cotton in the High and Low Plains of Texas continued to develop, with some producers in the Blacklands starting to harvest. Overall, 54 percent of the cotton was reported in good to excellent condition, up slightly from last week and 4 percentage points better than the same time last year.

Sorghum: By week's end, 95 percent of the crop was at or beyond the heading stage, 4 percentage points ahead of last year and 5 points ahead of the 5-year average. Nationally, 58 percent of this year's sorghum was at or beyond the coloring stage by August 30, two percentage points behind last year but 4 points ahead of the 5-year average. By week's end, 29 percent of the crop was mature, 8 percentage points behind last year and slightly behind the 5-year average. Harvest advanced slowly, with activity limited to portions of the southern Great Plains and the Mississippi Delta. By August 30, producers had harvested 15 percent of the nation's crop, 10 percentage points behind last year and 8 points behind the 5-year average. Overall, 68 percent of the sorghum was reported in good to excellent condition, unchanged from last week but 11 percentage points better than the same time last year.

Rice: The nation's rice crop was 97 percent headed by August 30, equal to last year but 2 percentage points ahead of the 5-year average. By week's end, 26 percent of the nation's crop was harvested, 10 percentage points ahead of last year and slightly ahead of the 5-year average. Harvest progress advanced 20 percentage points during the week in Texas and 12 points in Mississippi. Overall, 66 percent of the rice was reported in good to excellent condition, unchanged from last week but 8 percentage points below the same time last year.

Small Grains: By August 30, barley producers had harvested 93 percent of this year's crop. This was 37 percentage points ahead of last year and 26 points ahead of the 5-year average. Harvest progress was 95 percent or more complete in Minnesota, North Dakota, and Washington.

Ninety-five percent of the nation's oat crop was harvested by August 30, sixteen percentage points ahead of last year and 4 points ahead of the 5-year average. Harvest progress advanced 12 percentage points in North Dakota during the week, now estimated at 90 percent complete.

By week's end, 88 percent of the spring wheat crop was harvested. This was 52 percentage points ahead of last year and 26 points ahead of the 5-year average. Harvest progress was 36 percentage points ahead of the 5-year average in Montana and 33 points ahead in Idaho.

Other Crops: Overall, 74 percent of the peanut crop was reported in good to excellent condition, down slightly from last week but 14 percentage points better than the same time last year. The peanut harvest continued in Mississippi, estimated at 5 percent complete by August 30.

Crop Progress and Condition

Week Ending August 30, 2015

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

Corn Percent Dough

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
CO	84	68	84	83
IL	96	91	95	97
IN	89	80	89	91
IA	91	89	95	88
KS	93	87	94	95
KY	85	78	85	88
MI	76	74	86	82
MN	87	88	96	85
MO	97	90	94	95
NE	93	85	91	95
NC	97	97	98	99
ND	71	79	91	82
OH	86	76	87	88
PA	55	80	89	76
SD	88	81	90	90
TN	98	97	98	99
TX	95	88	90	92
WI	68	72	84	75
18 Sts	89	85	92	90

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

Corn Percent Dented

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
CO	29	33	59	33
IL	69	55	73	73
IN	50	34	51	59
IA	50	34	57	63
KS	64	53	67	71
KY	71	55	69	74
MI	26	13	31	41
MN	32	34	65	49
MO	79	64	74	80
NE	59	37	59	64
NC	90	89	93	95
ND	11	20	50	34
OH	39	35	50	48
PA	30	35	57	44
SD	37	28	49	47
TN	80	74	85	91
TX	85	65	69	80
WI	21	20	40	37
18 Sts	50	39	60	60

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

Corn Percent Mature

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
CO	0	NA	2	2
IL	4	3	21	23
IN	7	NA	3	13
IA	2	1	3	12
KS	23	8	16	30
KY	32	15	29	42
MI	1	NA	0	6
MN	0	NA	1	3
MO	19	7	19	36
NE	7	NA	1	8
NC	75	66	78	82
ND	0	NA	0	4
OH	3	NA	2	5
PA	4	NA	5	7
SD	1	NA	3	4
TN	17	6	25	49
TX	71	55	56	65
WI	0	NA	1	3
18 Sts	7	NA	9	15

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

Corn Condition by Percent

	VP	P	F	G	EX
CO	0	3	21	62	14
IL	5	10	30	43	12
IN	9	15	29	36	11
IA	1	3	15	55	26
KS	3	8	32	46	11
KY	2	4	13	51	30
MI	3	6	22	53	16
MN	0	2	10	54	34
MO	5	11	33	41	10
NE	1	4	18	58	19
NC	10	16	28	35	11
ND	1	7	21	58	13
OH	5	15	31	39	10
PA	0	8	22	41	29
SD	1	5	17	59	18
TN	0	2	13	57	28
TX	3	8	33	41	15
WI	1	5	17	51	26
18 Sts	3	7	22	49	19
Prev Wk	3	7	21	50	19
Prev Yr	2	5	19	52	22

Spring Wheat Percent Harvested

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
ID	55	84	92	59
MN	33	92	95	78
MT	44	69	85	49
ND	19	70	85	58
SD	66	86	95	90
WA	94	99	100	71
6 Sts	36	75	88	62

These 6 States harvested 99% of last year's spring wheat acreage.

Rice Percent Headed

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AR	97	97	99	97
CA	94	85	90	81
LA	100	99	100	100
MS	98	97	98	97
MO	92	84	90	92
TX	100	100	100	99
6 Sts	97	94	97	95

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

Rice Condition by Percent

	VP	P	F	G	EX
AR	4	6	23	50	17
CA	0	0	30	40	30
LA	0	6	33	54	7
MS	1	2	26	50	21
MO	0	4	33	44	19
TX	2	5	41	43	9
6 Sts	2	4	28	48	18
Prev Wk	2	4	28	47	19
Prev Yr	0	3	23	54	20

Rice Percent Harvested

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AR	4	6	16	16
CA	0	0	0	0
LA	66	75	84	72
MS	5	10	22	23
MO	0	0	0	5
TX	64	55	75	77
6 Sts	16	18	26	25

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

Crop Progress and Condition

Week Ending August 30, 2015

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

Soybeans Percent Setting Pods

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AR	97	92	96	97
IL	97	88	94	96
IN	97	89	95	95
IA	96	90	95	96
KS	86	71	81	83
KY	77	74	84	85
LA	98	97	99	99
MI	96	95	97	97
MN	95	98	100	96
MS	95	92	95	98
MO	90	52	66	86
NE	99	91	96	98
NC	78	69	80	79
ND	97	98	100	98
OH	96	89	96	96
SD	96	90	95	97
TN	91	81	91	93
WI	92	90	96	94
18 Sts	94	87	93	95

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

Soybeans Percent Dropping Leaves

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AR	19	12	19	16
IL	1	NA	1	3
IN	9	NA	3	10
IA	0	NA	1	2
KS	5	3	6	5
KY	2	NA	2	9
LA	54	46	58	43
MI	1	NA	0	2
MN	0	NA	3	4
MS	22	30	44	29
MO	1	NA	1	2
NE	4	5	10	3
NC	4	2	8	2
ND	6	19	31	11
OH	5	NA	3	8
SD	4	4	19	16
TN	3	NA	4	11
WI	0	NA	1	0
18 Sts	5	NA	9	7

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

Soybean Condition by Percent

	VP	P	F	G	EX
AR	5	6	27	48	14
IL	5	12	30	43	10
IN	8	14	31	37	10
IA	1	4	19	55	21
KS	1	7	35	50	7
KY	2	5	18	56	19
LA	3	9	37	46	5
MI	2	5	29	51	13
MN	1	2	18	53	26
MS	2	7	24	41	26
MO	5	17	46	27	5
NE	1	5	20	57	17
NC	7	12	28	43	10
ND	2	7	23	57	11
OH	6	16	32	38	8
SD	1	4	18	58	19
TN	1	3	16	60	20
WI	1	5	15	53	26
18 Sts	3	8	26	48	15
Prev Wk	3	8	26	49	14
Prev Yr	1	5	22	54	18

Cotton Percent Setting Bolls

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AL	99	96	98	94
AZ	100	97	99	99
AR	100	100	100	100
CA	100	97	98	96
GA	100	97	99	98
KS	74	63	79	83
LA	100	100	100	100
MS	98	94	96	99
MO	97	74	86	99
NC	97	95	98	99
OK	91	81	95	89
SC	98	98	100	93
TN	95	86	91	98
TX	92	75	91	94
VA	100	95	96	98
15 Sts	95	83	94	96

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

Cotton Percent Bolls Opening

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AL	17	20	32	24
AZ	53	45	50	55
AR	20	15	21	37
CA	26	2	15	20
GA	35	15	30	32
KS	13	4	9	13
LA	59	28	58	66
MS	22	31	43	41
MO	11	6	12	22
NC	16	13	28	23
OK	23	2	12	19
SC	19	12	30	17
TN	25	8	13	28
TX	32	13	17	24
VA	9	11	23	14
15 Sts	29	14	22	27

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

Cotton Condition by Percent

	VP	P	F	G	EX
AL	0	2	23	68	7
AZ	4	2	15	49	30
AR	4	2	16	44	34
CA	0	0	10	25	65
GA	1	5	27	53	14
KS	0	11	26	52	11
LA	3	6	37	47	7
MS	1	7	34	42	16
MO	1	10	49	34	6
NC	2	8	23	56	11
OK	0	2	31	63	4
SC	2	11	51	34	2
TN	0	1	18	60	21
TX	4	11	40	40	5
VA	0	0	18	79	3
15 Sts	3	8	35	45	9
Prev Wk	1	8	38	44	9
Prev Yr	4	12	34	39	11

Crop Progress and Condition

Week Ending August 30, 2015

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

Sorghum Percent Headed

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AR	100	100	100	100
CO	83	86	90	87
IL	92	87	92	95
KS	88	89	96	87
LA	100	100	100	100
MO	100	91	95	95
NE	100	98	100	96
NM	58	58	79	59
OK	85	87	92	84
SD	97	94	95	98
TX	96	91	96	94
11 Sts	91	90	95	90

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

Sorghum Percent Coloring

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AR	98	95	97	97
CO	31	30	38	42
IL	72	57	73	65
KS	33	29	47	35
LA	100	100	100	100
MO	78	48	65	57
NE	68	29	43	42
NM	9	7	13	13
OK	63	43	51	52
SD	57	19	51	58
TX	91	73	74	78
11 Sts	60	48	58	54

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

Sorghum Percent Mature

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AR	66	62	78	70
CO	10	1	3	6
IL	1	0	5	6
KS	4	1	2	3
LA	98	93	95	97
MO	24	5	13	15
NE	1	0	0	0
NM	0	0	0	0
OK	16	14	16	16
SD	1	1	2	3
TX	85	63	64	70
11 Sts	37	27	29	30

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

Sorghum Percent Harvested

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
AR	13	19	36	36
CO	0	NA	0	0
IL	0	NA	0	0
KS	0	NA	0	0
LA	81	68	79	83
MO	0	NA	1	1
NE	0	NA	0	0
NM	0	NA	0	0
OK	0	NA	1	3
SD	0	NA	0	0
TX	64	45	49	57
11 Sts	25	NA	15	23

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

Sorghum Condition by Percent

	VP	P	F	G	EX
AR	2	3	20	55	20
CO	0	5	31	62	2
IL	2	7	47	37	7
KS	1	4	26	59	10
LA	3	13	34	49	1
MO	1	7	44	42	6
NE	0	1	26	59	14
NM	0	1	10	85	4
OK	2	3	16	71	8
SD	0	1	27	66	6
TX	3	6	24	51	16
11 Sts	2	5	25	56	12
Prev Wk	2	5	25	56	12
Prev Yr	3	9	31	47	10

Peanut Condition by Percent

	VP	P	F	G	EX
AL	0	3	17	63	17
FL	0	0	16	65	19
GA	1	3	21	52	23
NC	1	5	23	60	11
OK	0	2	15	76	7
SC	1	6	31	58	4
TX	0	1	37	55	7
VA	0	0	21	72	7
8 Sts	1	3	22	57	17
Prev Wk	1	3	21	57	18
Prev Yr	1	9	30	50	10

Barley Percent Harvested

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
ID	58	81	89	65
MN	62	92	96	85
MT	61	83	93	64
ND	40	89	95	69
WA	96	98	100	72
5 Sts	56	86	93	67

These 5 States harvested 81% of last year's barley acreage.

Oats Percent Harvested

	Prev Year	Prev Week	Aug 30 2015	5-Yr Avg
IA	99	99	100	100
MN	81	92	97	92
NE	100	97	99	100
ND	36	78	90	66
OH	99	96	100	100
PA	83	83	90	94
SD	96	95	99	98
TX	100	100	100	100
WI	72	87	92	89
9 Sts	79	90	95	91

These 9 States harvested 67% of last year's oat acreage.

Crop Progress and Condition

Week Ending August 30, 2015

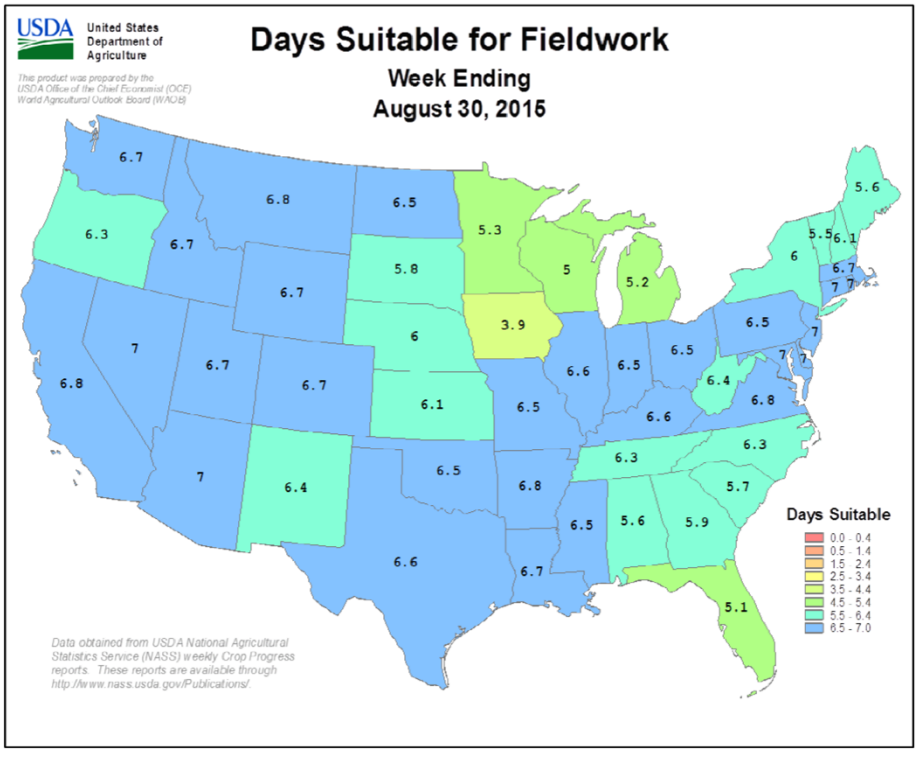
Weekly U.S. Progress and Condition Data provided by USDA/NASS

Pasture and Range Condition by Percent
Week Ending Aug 30, 2015

	VP	P	F	G	EX		VP	P	F	G	EX
AL	0	12	35	50	3	NH	9	10	24	54	3
AZ	9	7	33	41	10	NJ	16	6	12	36	30
AR	4	16	34	39	7	NM	4	5	35	44	12
CA	30	30	20	10	10	NY	1	7	31	50	11
CO	1	14	26	49	10	NC	18	26	29	23	4
CT	9	15	71	5	0	ND	1	8	35	50	6
DE	4	9	45	35	7	OH	2	12	37	40	9
FL	1	5	24	50	20	OK	3	9	32	47	9
GA	1	9	35	48	7	OR	25	39	30	6	0
ID	6	21	32	33	8	PA	9	26	31	21	13
IL	2	7	32	49	10	RI	0	0	50	50	0
IN	3	11	37	42	7	SC	3	18	41	36	2
IA	1	6	27	52	14	SD	2	8	29	54	7
KS	2	7	31	50	10	TN	1	7	27	57	8
KY	1	5	20	61	13	TX	7	21	41	26	5
LA	6	22	40	30	2	UT	0	10	36	48	6
ME	0	0	21	50	29	VT	5	4	5	79	7
MD	2	5	39	33	21	VA	6	15	33	41	5
MA	0	4	37	50	9	WA	28	40	25	7	0
MI	4	6	39	41	10	WV	1	10	31	50	8
MN	1	5	21	63	10	WI	4	12	25	45	14
MS	5	15	34	38	8	WY	0	3	19	68	10
MO	0	2	35	52	11	48 Sts	5	13	32	42	8
MT	11	24	44	20	1						
NE	3	6	25	55	11	Prev Wk	4	12	32	43	9
NV	10	20	45	25	0	Prev Yr	6	14	32	40	8

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

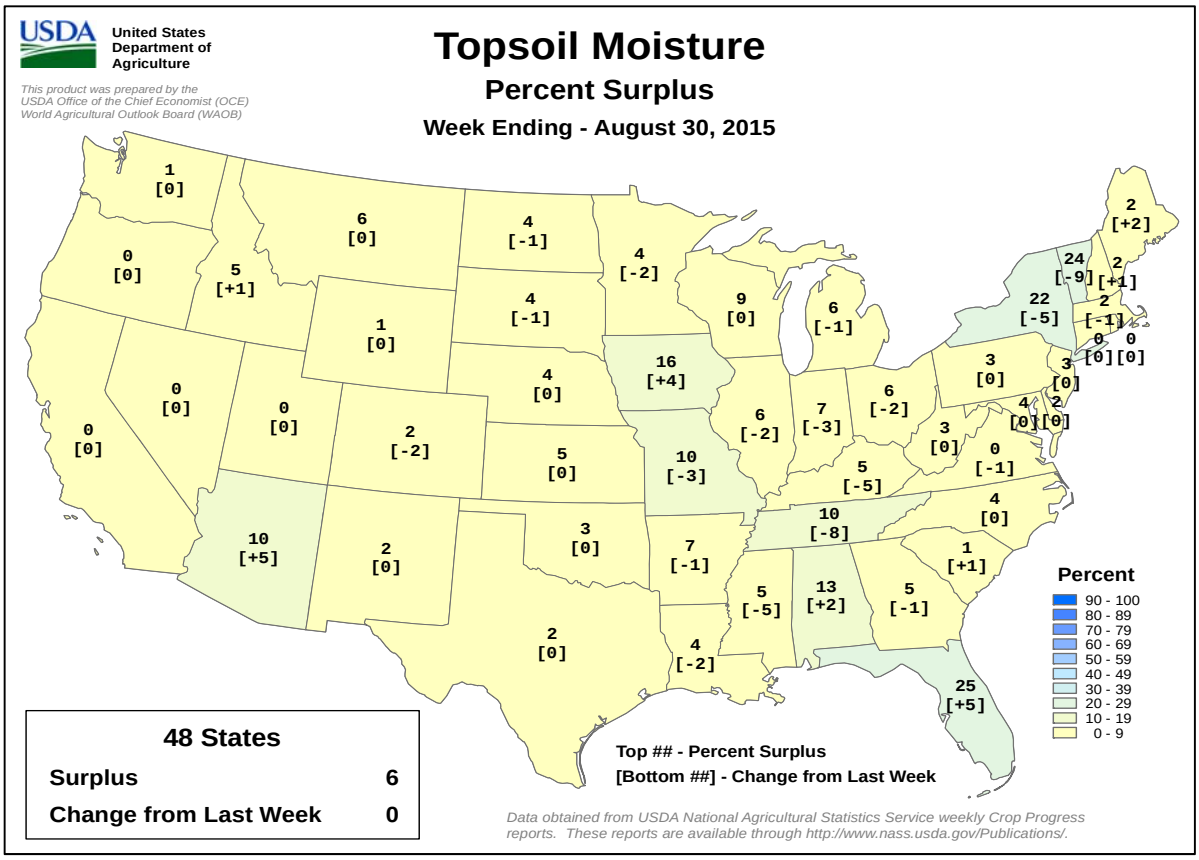
NA - Not Available
*** Revised**

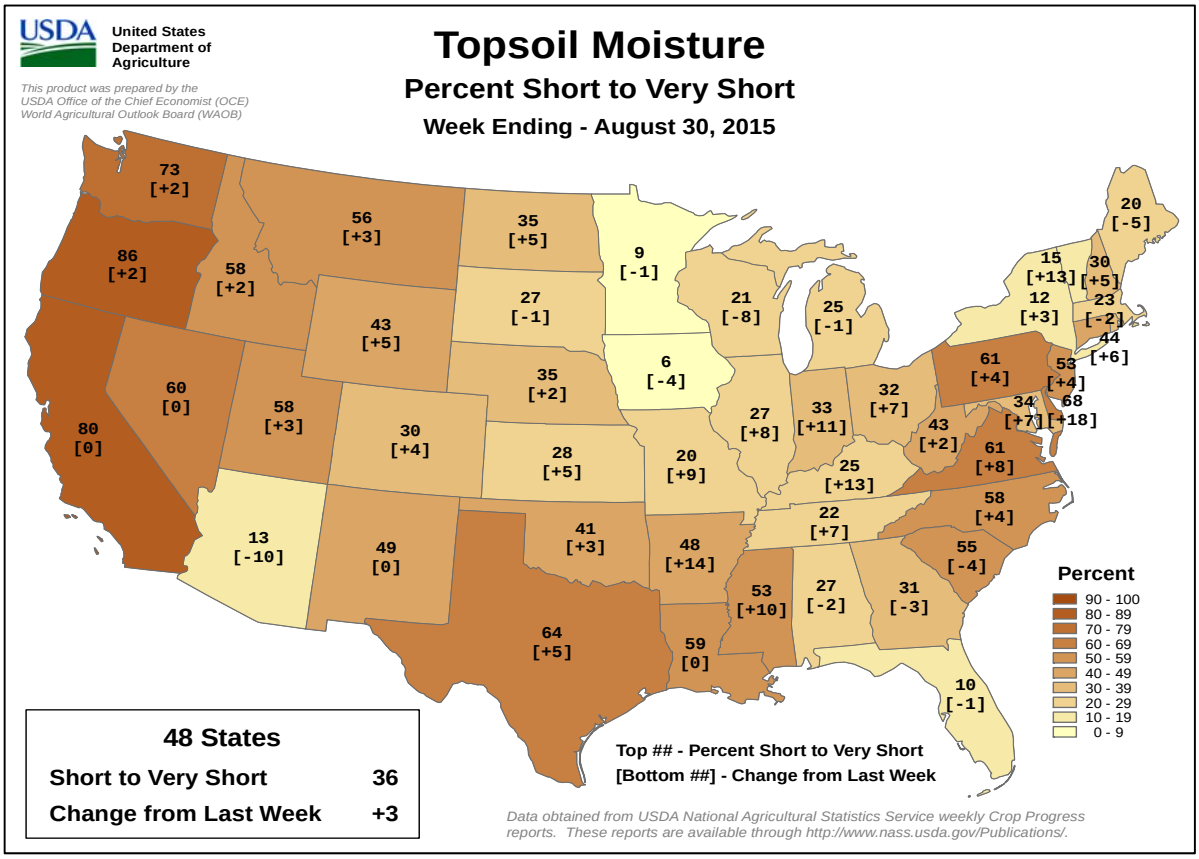


Crop Progress and Condition

Week Ending August 30, 2015

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

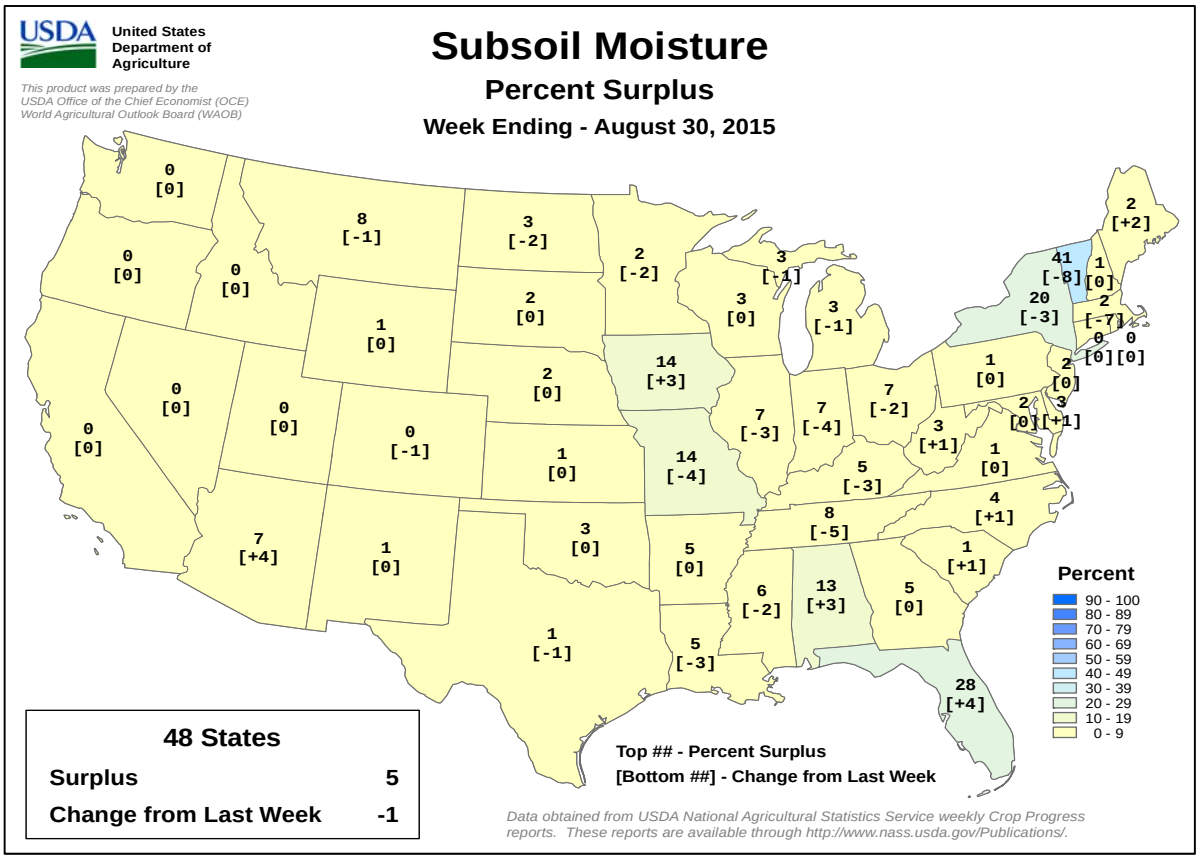


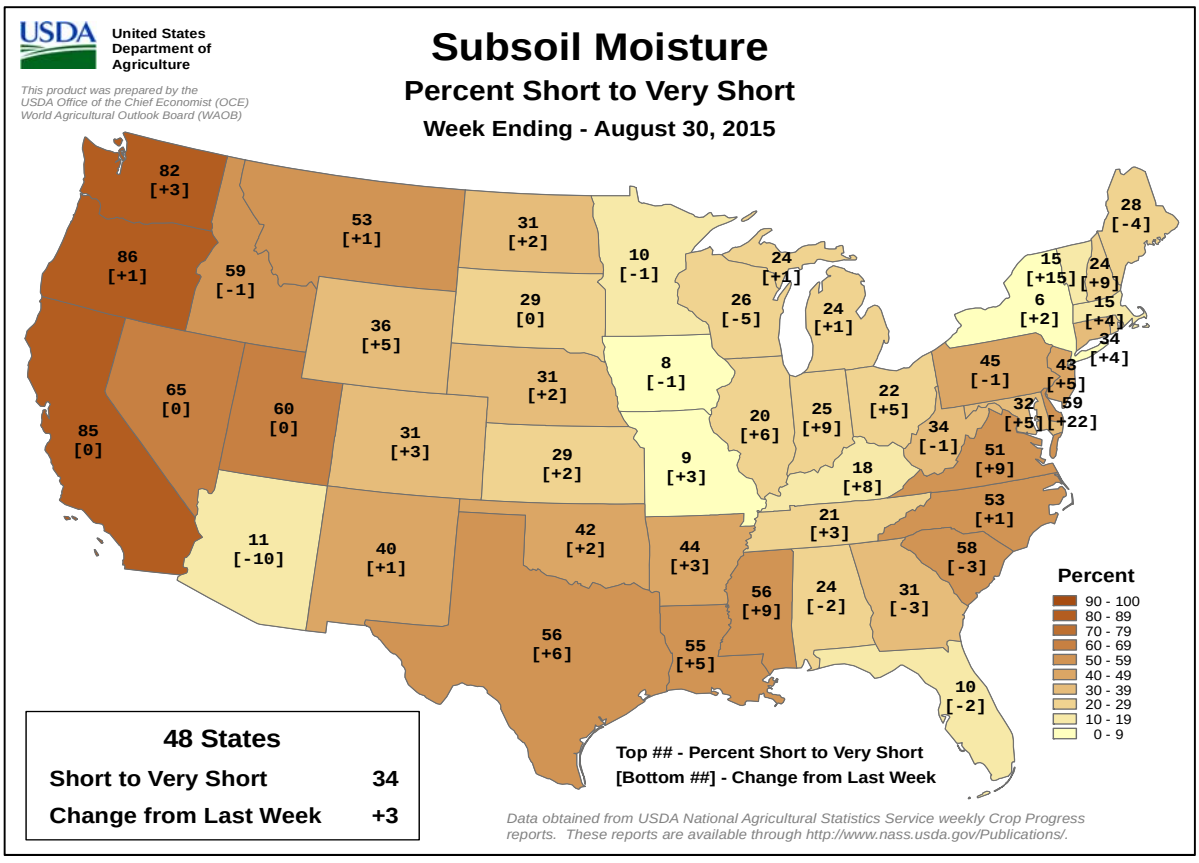


Crop Progress and Condition

Week Ending August 30, 2015

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





International Weather and Crop Summary

August 23-29, 2015

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

HIGHLIGHTS

EUROPE: Showers boosted soil moisture in central and northern Europe, while persistent heat and dryness lingered over eastern growing areas.

WESTERN FSU: Warm, dry weather accelerated summer crops toward maturity and facilitated winter wheat planting.

EASTERN FSU: Additional showers and below-normal temperatures further benefited filling spring wheat, while cool, showery weather slowed cotton development in the south.

MIDDLE EAST: Locally heavy showers in the north sustained good to excellent prospects for filling summer crops but caused local fieldwork disruptions.

SOUTH ASIA: Monsoon showers continued across much of eastern and northern India, but a large part of the west remained dry.

EAST ASIA: Monsoon showers remained confined to southern China, while periodic rainfall benefited crops in the northeast and on the North China Plain.

SOUTHEAST ASIA: Typhoon Goni brought more flooding rainfall to parts of the Philippines, while showers benefited rice in northeastern Thailand.

AUSTRALIA: Soaking rains helped maintain good to excellent crop prospects in eastern Australia.

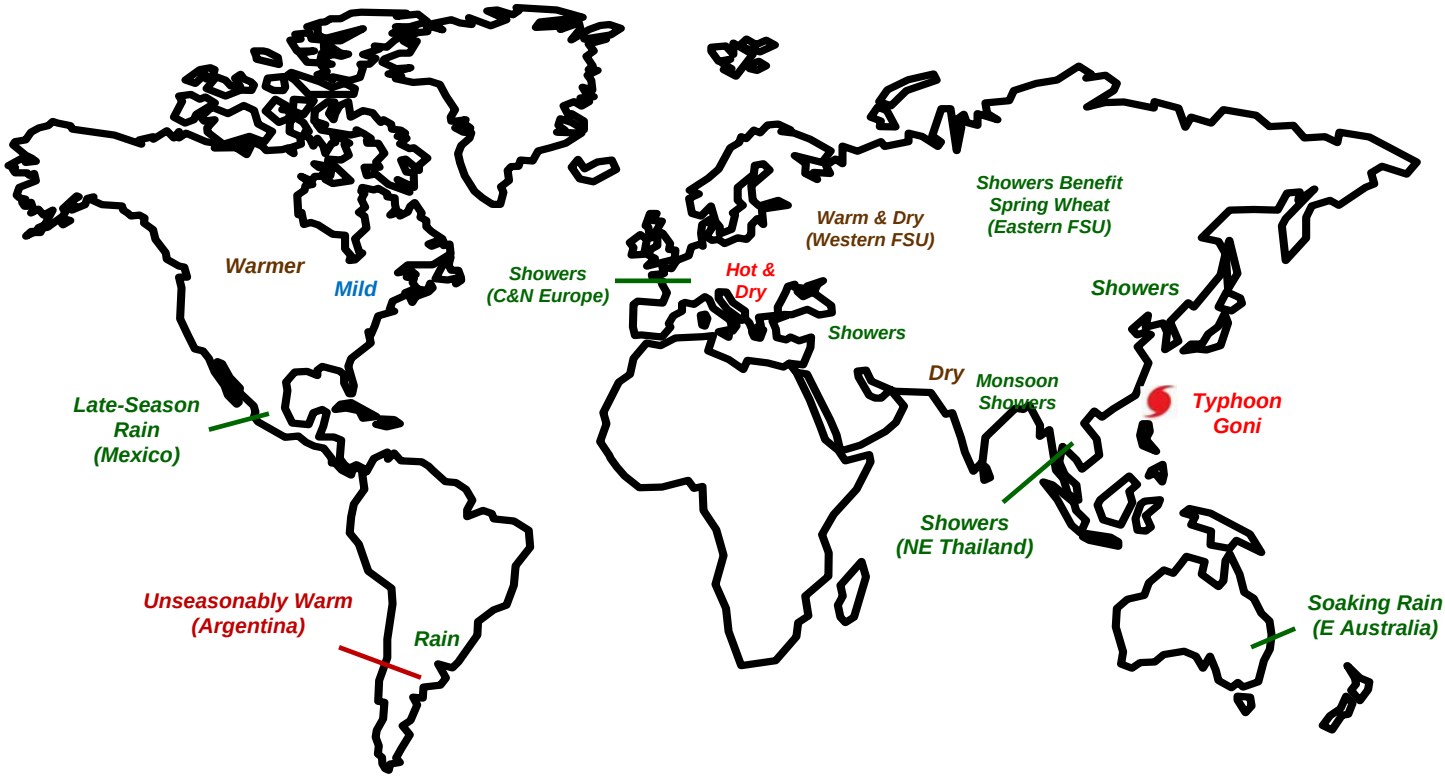
ARGENTINA: Unseasonably warm weather spurred rapid development of vegetative wheat and barley.

BRAZIL: Heavy rain was untimely for reproductive to filling wheat in key southern production areas.

MEXICO: Rain gave a late-season boost in moisture to rain-fed summer crops, while helping to replenish winter irrigation reserves.

CANADIAN PRAIRIES: Warmer weather benefited maturing spring grains and oilseeds.

SOUTHEASTERN CANADA: Sunny, albeit mild, weather aided late-season development of summer crops and pastures.



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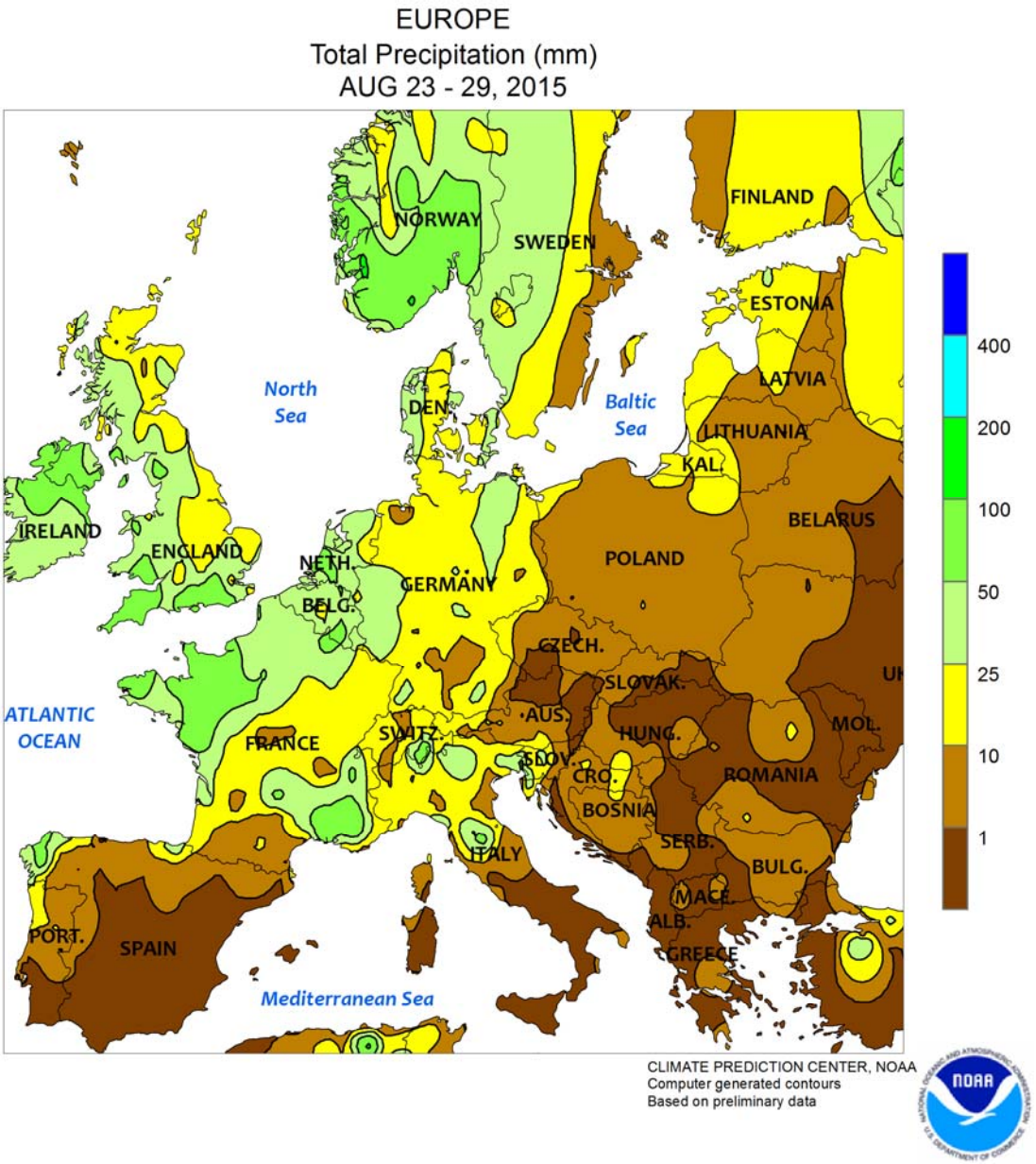

EUROPE

Beneficial rainfall across much of central and northern Europe contrasted with lingering heat and dryness in southern and eastern growing areas. Moderate to heavy rain (12-70 mm, locally more) developed from the United Kingdom into France and Germany, further boosting soil moisture for winter wheat and rapeseed planting. However, persistent heat (30-33°C) and dryness (less than 5 mm) over Poland and the Baltic States maintained high levels of stress on filling summer crops and continued to deplete soil moisture for winter rapeseed planting. Farther south, dry, hot weather (33-37°C) hastened summer crop maturation in the Balkans, though recent rain eased soil moisture shortages for winter crop planting and establishment following a hot, dry summer. Showers (5-50 mm) improved moisture availability in northern Italy for winter crops on the heels of this summer's heat and dryness. In Spain, dry weather promoted summer crop harvesting, though here too a hotter- and drier-than-normal summer cut crop yields and heightened the need for seasonable autumn rainfall for winter wheat and barley planting.

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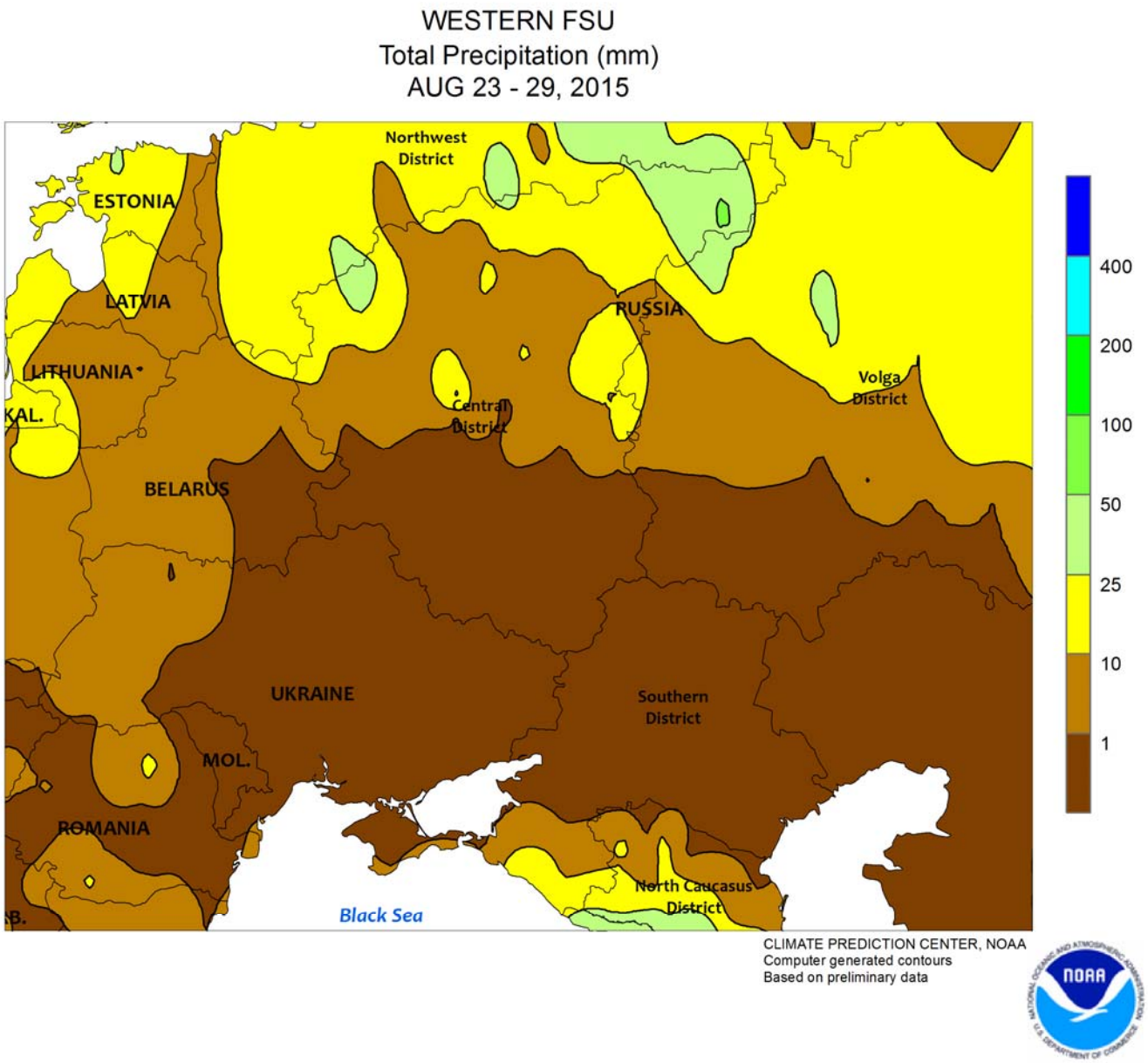

WESTERN FSU

Sunny, increasingly warm weather accelerated summer crops toward maturity and promoted a rapid pace of winter wheat planting. Across the western half of the region, temperatures up to 5°C above normal hastened summer crops toward maturity, though daytime highs remained below 35°C save for southwestern Ukraine and Moldova. In the latter region, summer crop prospects have been greatly reduced by a hot, dry summer. Despite the recent dryness, overall prospects for corn and sunflowers in Russia and Ukraine remained favorable due to timely June-July rainfall and a lack of extreme heat during the temperature-sensitive reproductive stages of development. However, the recent 4-week stretch of dry, warm weather has likely trimmed summer crop yield prospects somewhat in Ukraine and Russia. Meanwhile, winter wheat planting advanced without delay, though producers would likely welcome rain in the next several weeks for winter grain emergence and establishment.

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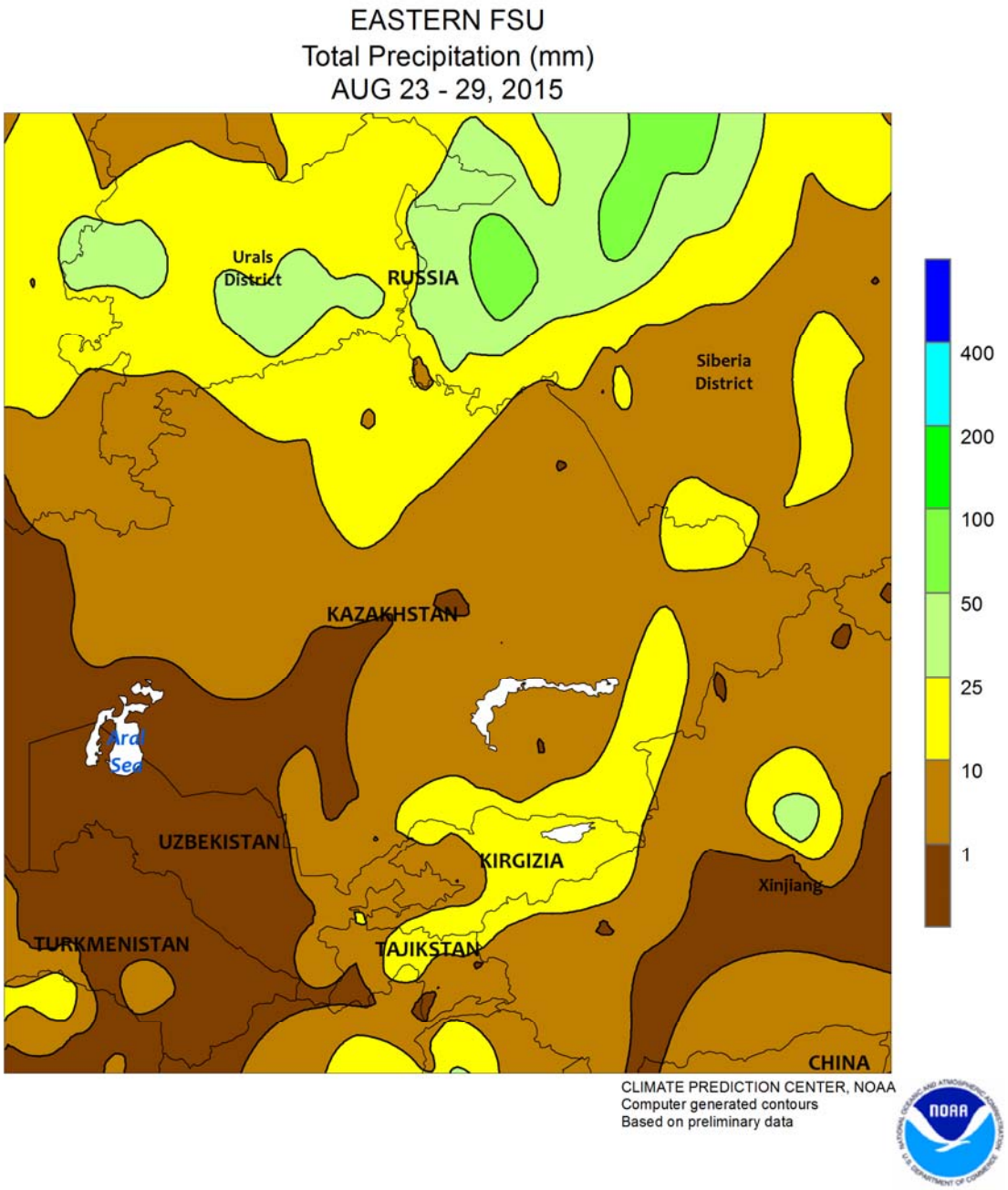

EASTERN FSU

Cool, unsettled conditions sustained favorable wheat prospects in the north but slowed cotton maturation in the south. A strong cold front brought unseasonably chilly air (up to 6°C below normal) from Russia and Kazakhstan southward into Uzbekistan and Turkmenistan. In the north, the cool weather was accompanied by 5 to 30 mm of rain, maintaining adequate to abundant soil moisture for filling spring wheat. However, the showers slowed early wheat maturation and harvesting, and producers will need drier weather over the upcoming weeks to avoid quality concerns as the crop matures. In the south, unusual showers (2-10 mm, locally more in Kyrgyzstan) slowed cotton maturation and drydown but provided early supplemental moisture for winter wheat planting in Uzbekistan.

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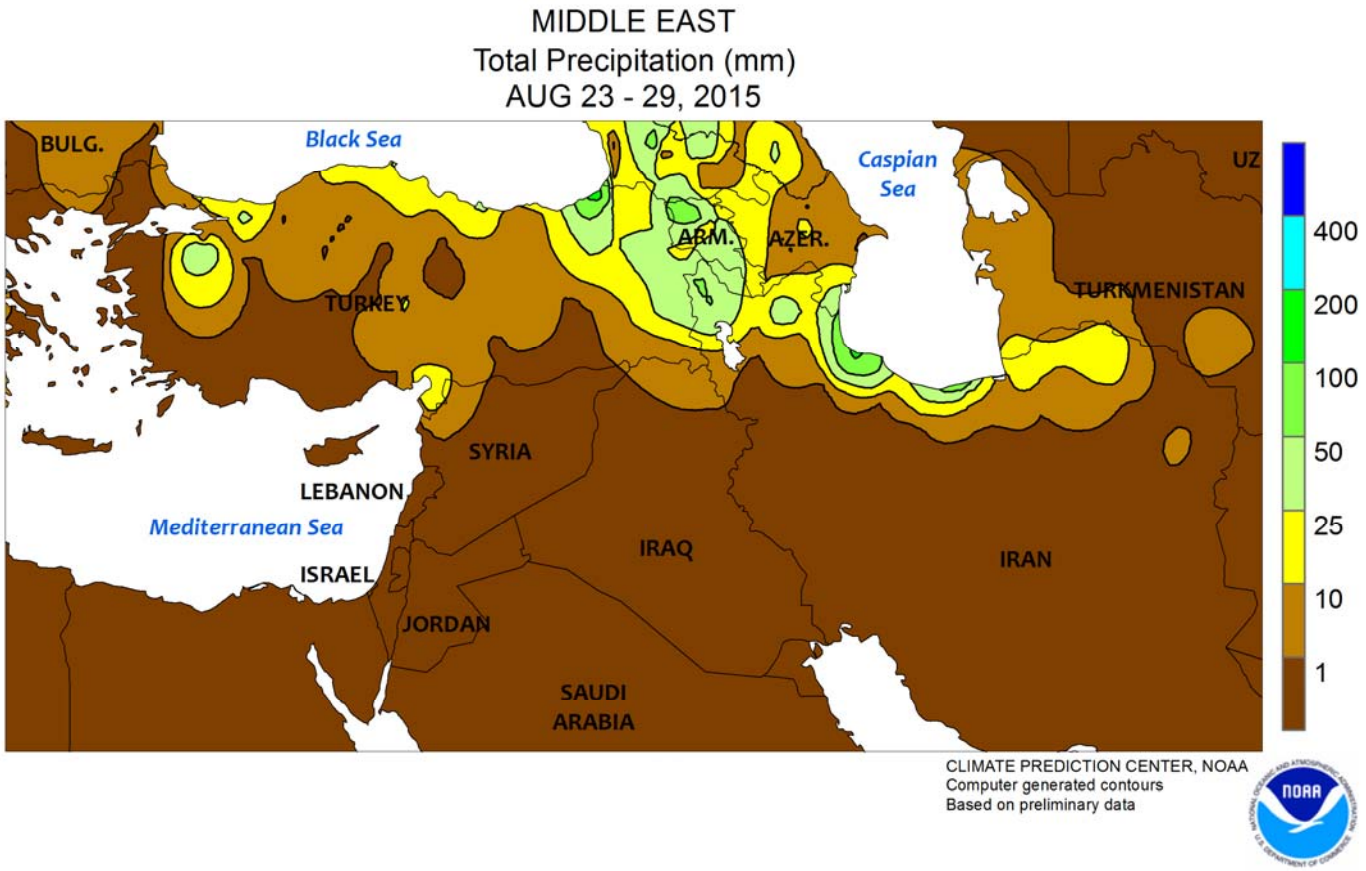

MIDDLE EAST

Warm, showery weather persisted across Turkey and expanded into northern-most portions of Iran, maintaining favorable summer crop prospects but slowing fieldwork. The unseasonable rainfall (2-50 mm, locally higher along the Black and Caspian Sea Coasts) maintained good to excellent yield prospects for filling corn and sunflowers. However, local fieldwork — including sunflower and early corn harvesting — was hampered or halted altogether. Winter wheat planting typically starts in August, though the mean planting date for much of the region is in October.

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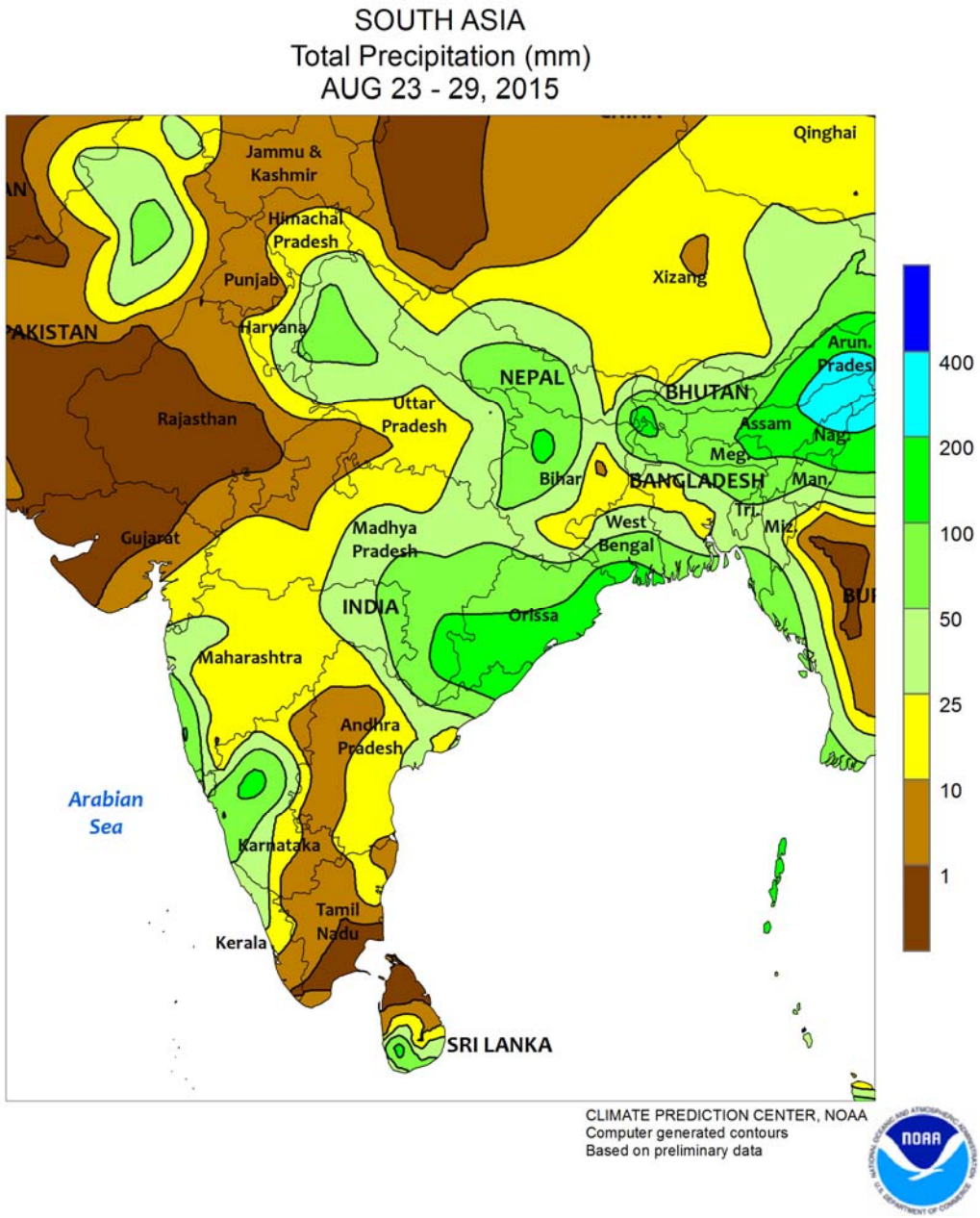

SOUTH ASIA

Ample monsoon rainfall in eastern India contrasted with unfavorably dry conditions in western growing areas. Across eastern India, consistent rain (40-145 mm, locally more) kept rice adequately watered and maintained good irrigation supplies for the rabi (winter) crop planted in November. Moderate showers (25-55 mm) also benefited summer crops and boosted irrigation reserves in northern India (Haryana and Uttar Pradesh). However, excessive downpours (locally more than 340 mm) in northeastern Assam caused widespread flooding and damage to infrastructure. Meanwhile in western India, unfavorably dry weather continued for cotton and groundnuts in Gujarat, Rajasthan, and interior Maharashtra. In contrast, a second week of drier-than-normal weather eased excessive wetness for soybeans in Madhya Pradesh. Elsewhere in the region, irrigated cotton and rice in northern Pakistan benefited from occasional showers (3-40 mm) and seasonable heat (temperatures averaged within 1°C of normal). Drier weather in parts of Bangladesh eased flooding in low-lying rice paddies, while rain (25-75 mm) continued to boost water reserves for rice in southern Sri Lanka. Summer monsoon showers typically begin withdrawing in early September.

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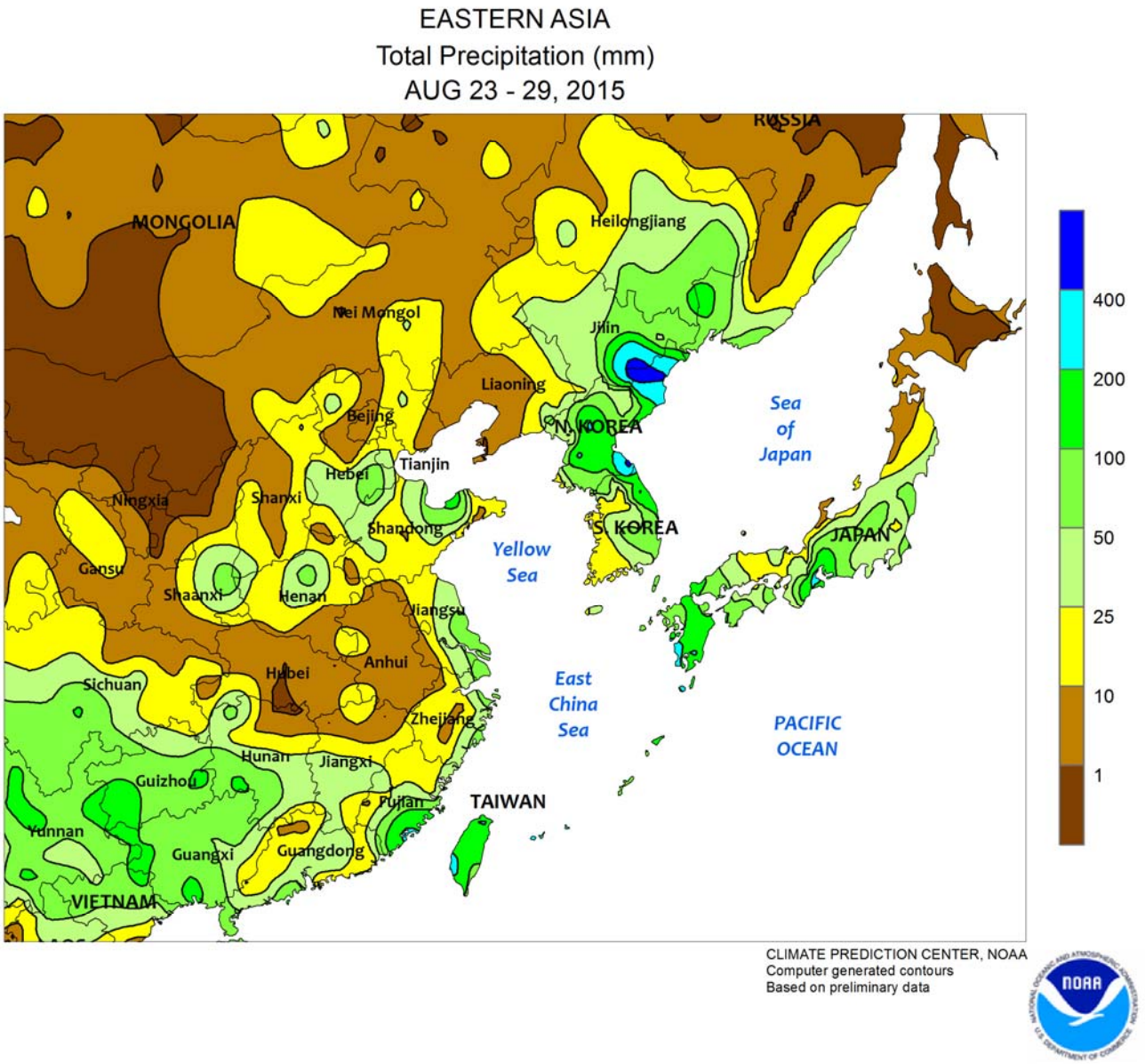

EASTERN ASIA

In northeastern China, periodic rainfall (10-25 mm) provided some beneficial moisture to corn and soybeans in the latter stages of development. However, at this point in the growing season any additional rainfall will not improve yields significantly; yield prospects declined due to untimely dryness earlier in the season. Rainfall (10-50 mm) was more prevalent on northern portions of the North China Plain, improving soil moisture and water reserves for summer crops adversely affected by previous periods of dryness. Meanwhile, drier weather in the Yangtze Valley aided initial harvest activities, while monsoon showers (25-100 mm) improved water supplies for rice in the south. In other parts of the region, Typhoon Goni made landfall in southern Japan as a Category 3 Typhoon (winds in excess of 110 knots) and brought over 100 mm of rain. The storm dissipated rapidly as it moved into the Sea of Japan, bringing much-needed rainfall (25 to over 100 mm) to eastern rice areas of South Korea and maintaining favorable water supplies for rice in much of North Korea. However, inundating rain (weekly totals in excess of 200 mm, locally more than 400 mm) flooded portions of northeastern North Korea.

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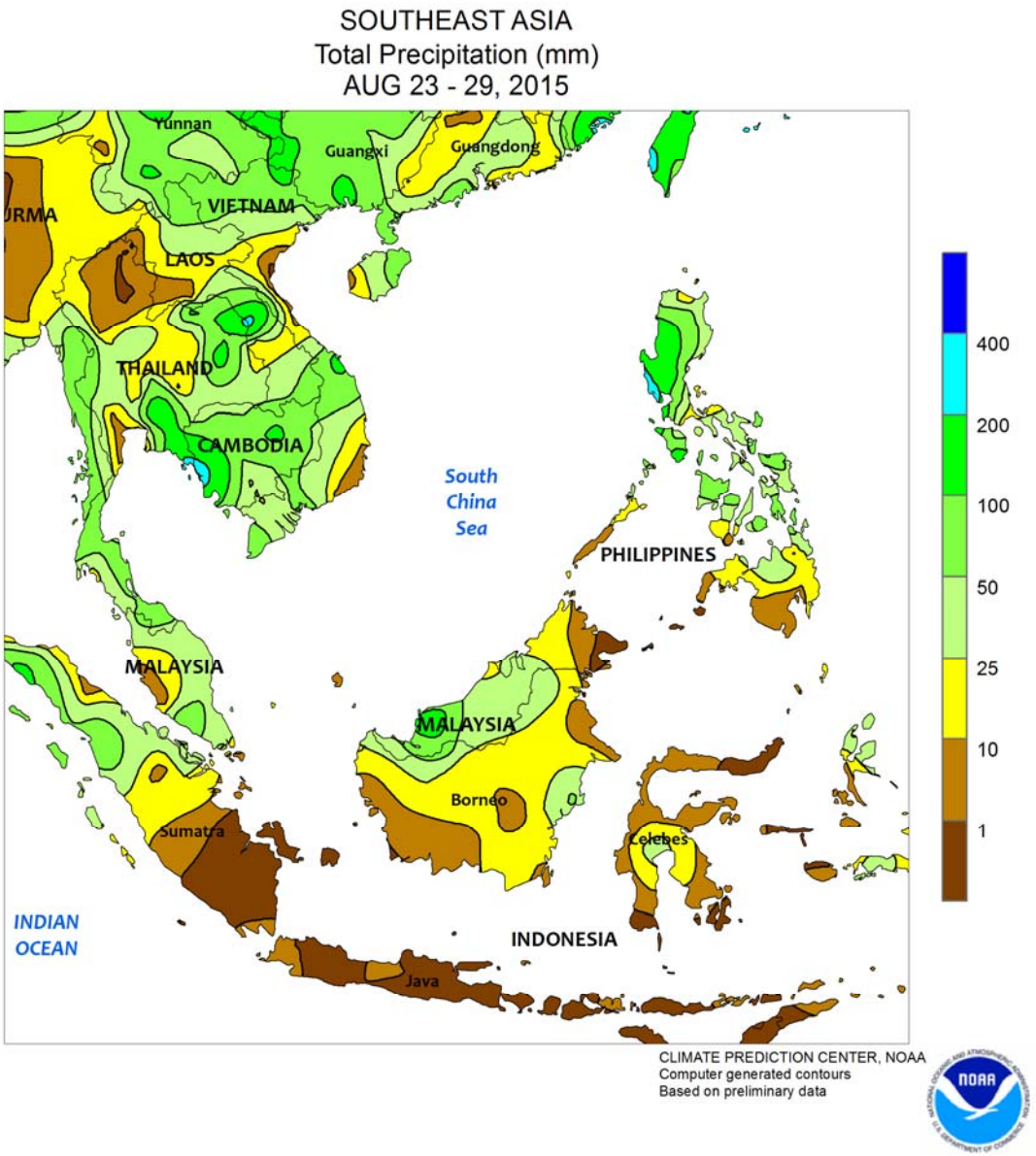

SOUTHEAST ASIA

Rainfall across the northwestern Philippines from Typhoon Goni continued early in the period. Over 100 mm of rain maintained flooding in rice paddies and corn fields in western Luzon, but the affected area represented a small portion of country-wide production. Late-week rain (25-100 mm, locally higher) boosted moisture for rice and corn in southern Luzon and the Visayas, although southern portions of the islands — including Mindanao — were dry. Meanwhile, monsoon showers (25-100 mm) in key rice areas of northeastern Thailand maintained good water supplies for rice, while much of the Chao Phraya River Basin in central Thailand received below-average rainfall, leaving reservoir levels for dry-season rice historically low. To the south, dry weather early in the week aided oil palm harvesting in Indonesia, while persistent showers in Malaysia (25-100 mm) slowed harvesting while keeping trees adequately watered.

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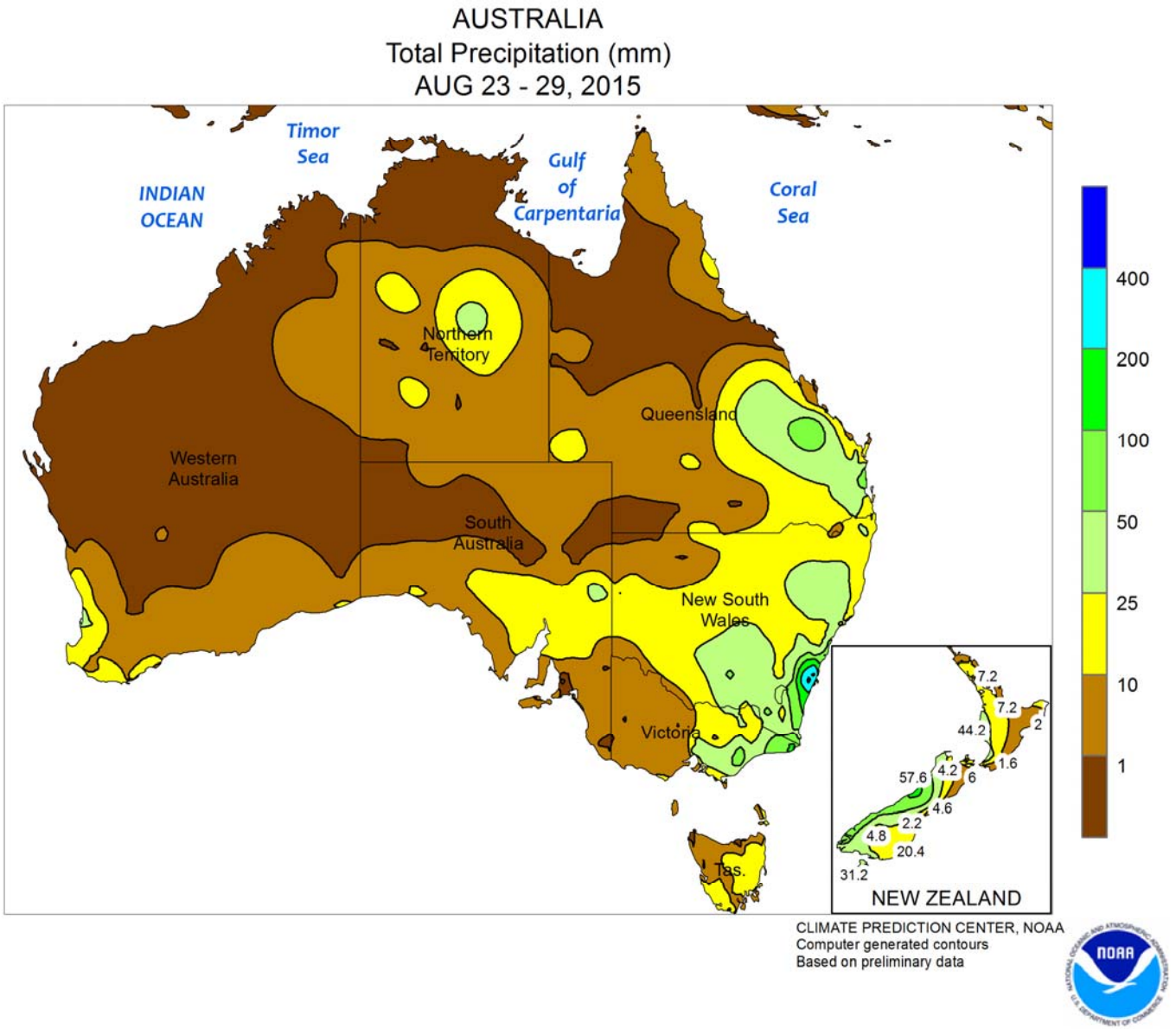

AUSTRALIA

In Western Australia, South Australia, and northern Victoria, scattered, generally light showers (1-5 mm, locally near 10 mm) fell across the wheat belt. The showers helped maintain adequate moisture supplies for reproductive winter grains and oilseeds in Western Australia and vegetative to reproductive winter crops in South Australia. However, more rain was needed for wheat, barley, and canola in northern Victoria, where drier-than-normal weather since mid-June has led to a slow but steady decline in topsoil moisture. Elsewhere in the wheat belt, soaking rains (10-30 mm, locally near 50 mm) overspread New South Wales and southern Queensland, maintaining good to excellent yield prospects for winter crops. Wheat was in the jointing stages of development in southern New South Wales and in or near the reproductive stages of development in northern New South Wales and southern Queensland. The rain was not only timely for wheat and other winter crops, but also benefited summer crops, helping to condition topsoils in advance of cotton and sorghum planting. Temperatures averaged slightly above normal (up to 2°C above normal) in eastern Australia and near normal in southern and western Australia.

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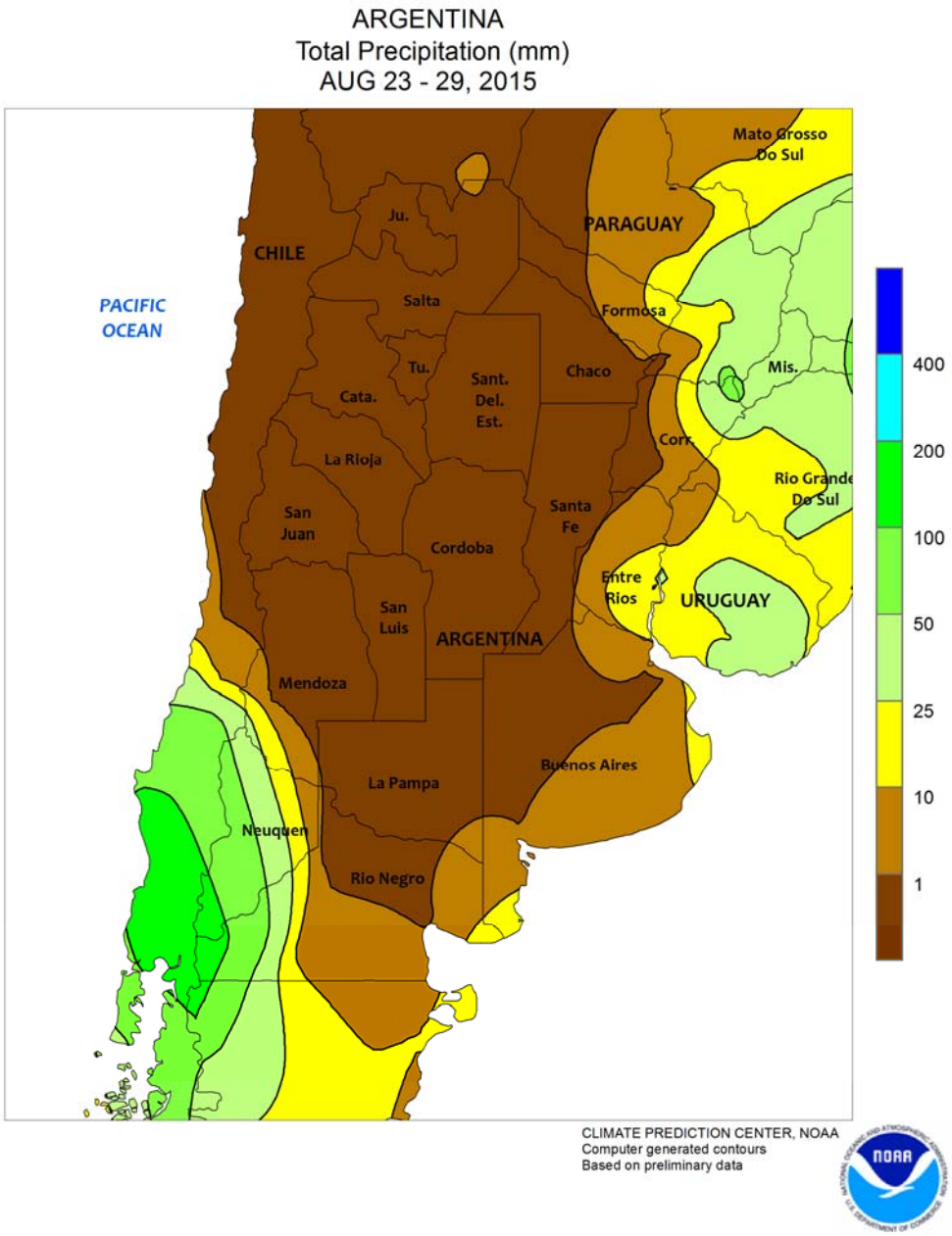
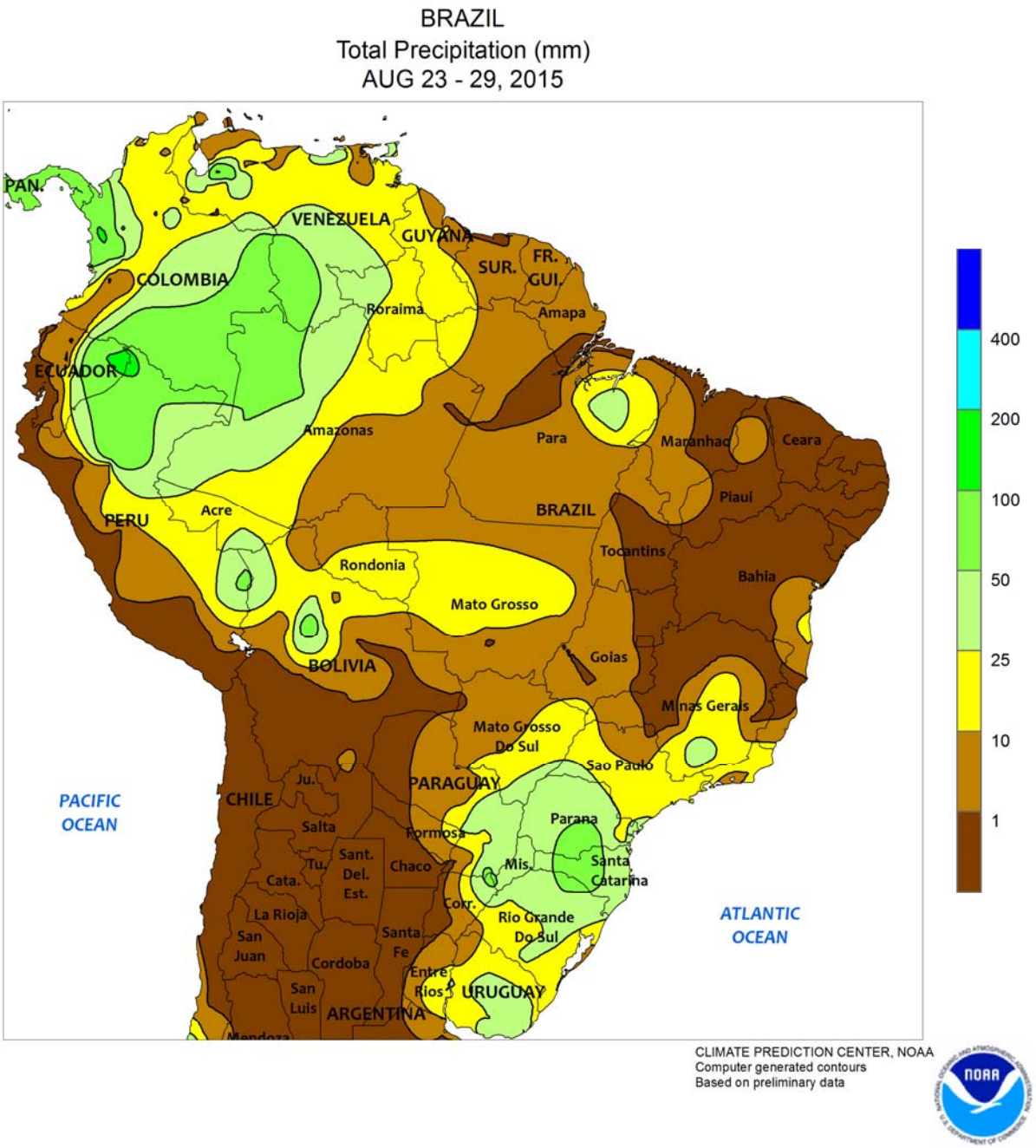


ARGENTINA

Warm, mostly dry weather spurred rapid development of wheat and barley. Weekly average temperatures were 2 to 4°C above normal throughout the main production areas of central and northern Argentina, with daytime highs ranging from the lower and middle 20s (degrees C) in Buenos Aires to the middle and upper 30s in the northwest (northern Cordoba to Salta). In addition, temperatures stayed above freezing, though nighttime lows fell below 5°C on several days during the early and middle part of the week. Little to no rain fell from La Pampa and Buenos Aires northward, with light, scattered showers (less than 25 mm) generally confined to far southern and eastern production areas. According to Argentina's Ministry of Agriculture, corn was 97 percent harvested as of August 27, similar to last year. Wheat planting was virtually complete at 99 percent.

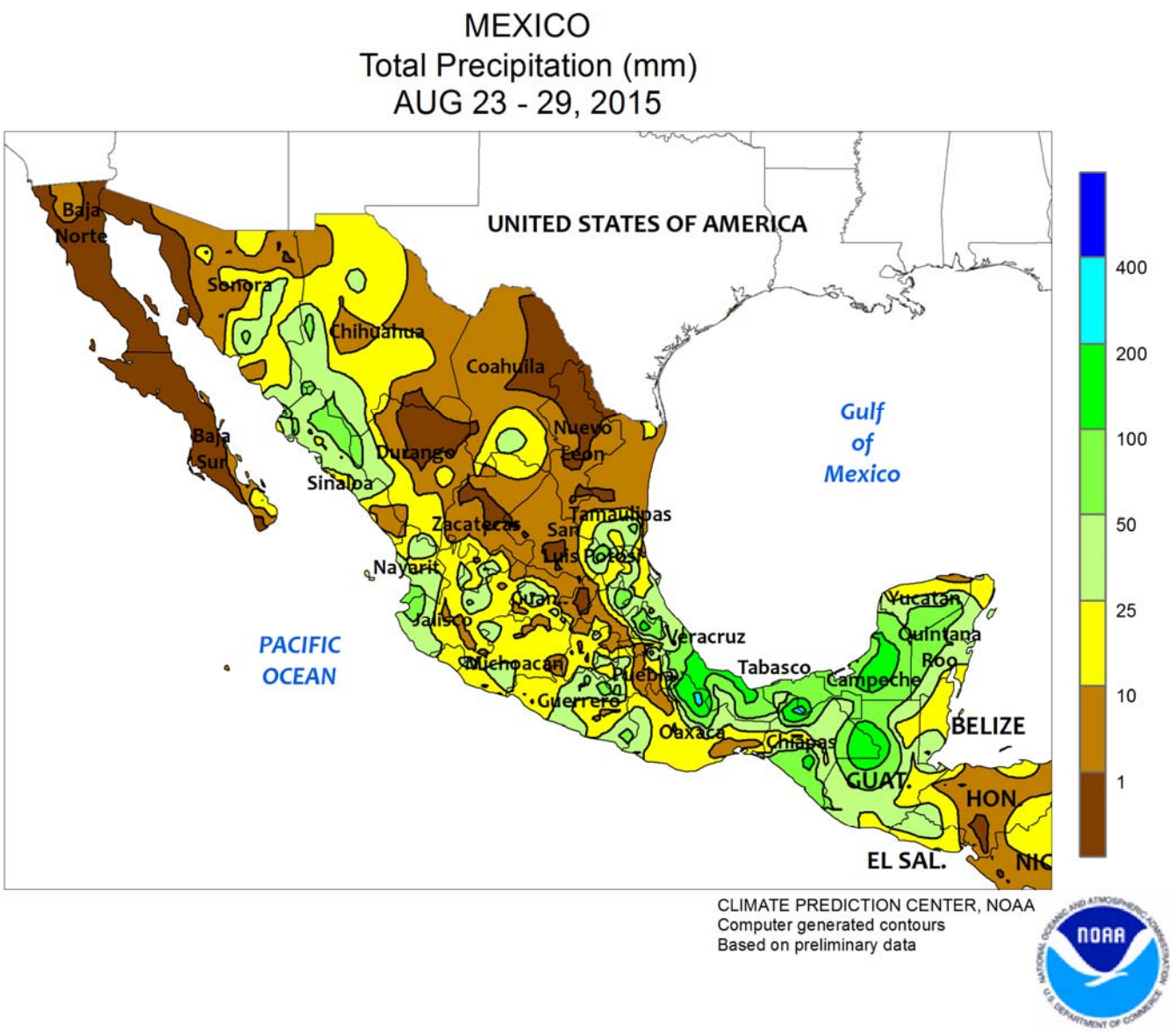
For additional information contact: mbrusberg@oce.usda.gov



BRAZIL

Following several weeks of warmth and dryness, unseasonably heavy rain returned to southern Brazil. Rainfall totaled more than 25 mm in the main production areas of Parana and Rio Grande do Sul, with amounts exceeding 50 mm in eastern production areas centered over Santa Catarina. According to reports emanating from the government of Parana, wheat was 4 percent harvested as of August 24, and 65 percent of the remaining crop was filling to mature. Similarly, Rio Grande do Sul wheat — which typically lags in development of the more northerly portion of the crop — was reportedly 15 percent flowering and 2 percent filling as of August 27. Elsewhere, lighter amounts (greater than 10 mm in some areas) were recorded in Mato Grosso and from Mato Grosso do Sul to southern Minas Gerais. The moisture in the southeast likely slowed sugarcane and coffee harvesting; otherwise, the unseasonable rain had little agricultural impact. In contrast, drier weather dominated the northeast, including agricultural areas near the northeastern coast that typically receive rain this time of year. Weekly temperatures averaged 1 to 3°C above normal, with highs reaching 40°C in Mato Grosso and neighboring locations in Goias and Tocantins. In the rainy southern areas, highs failed to reach 30°C and lows occasionally fell below 10°C, though freezes were not recorded.

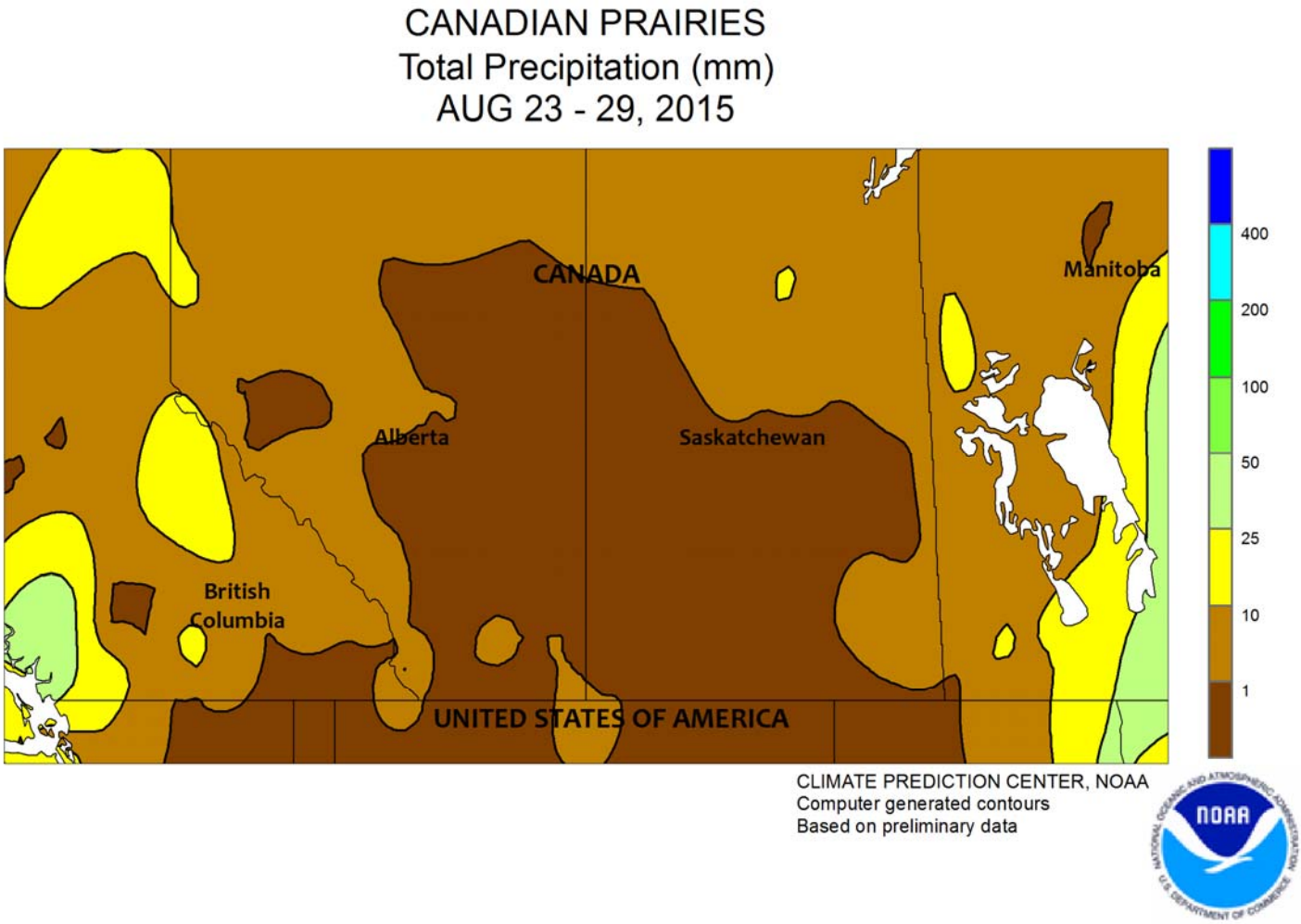
For additional information contact: mbrusberg@oce.usda.gov



MEXICO

Beneficial rain overspread the southern plateau, although amounts were generally lower than those recorded last week. Most areas from Jalisco to Puebla recorded at least 10 mm, though pockets of dryness returned to some eastern locations. Locally heavy rain (greater than 50 mm) was recorded along the Gulf Coast, including much of Veracruz, where recent weeks of late-season rain have been beneficial for sugarcane. The heaviest rain (locally more than 100 mm) was recorded from southern Veracruz and northern Oaxaca to Campeche, with similar amounts in the southern coffee areas of Chiapas. Beneficial rain (10-50 mm) also fell in corn areas along the southern Pacific Coast (Michoacan to Oaxaca). Farther north, monsoon showers (10-50 mm, locally higher) continued in northwestern watersheds, with some of the heaviest rainfall (50-100 mm) concentrated over northern Sinaloa. Drier conditions returned to the northeast. Weekly temperatures averaged 1 to 3°C above normal across northern Mexico, where daytime highs reaching 40°C sustained high moisture demands for crops and livestock.

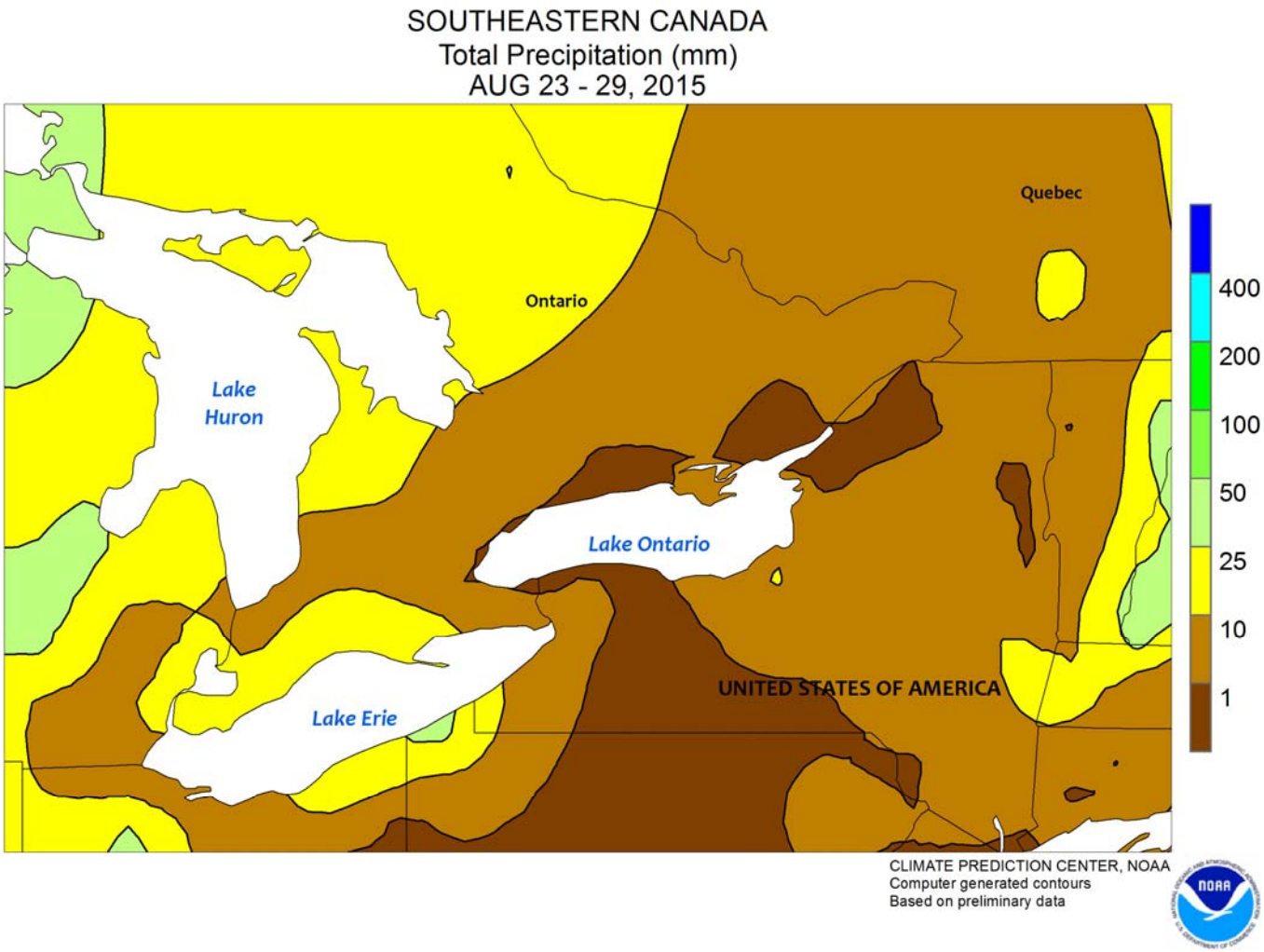
For additional information contact: mbrusberg@oce.usda.gov



CANADIAN PRAIRIES

Mostly dry, generally warm weather dominated for much of the week, favoring maturation and early harvesting of spring grains and oilseeds. Weekly temperatures averaged from near normal in Manitoba and Alberta's Peace River Valley to as much as 3°C above normal elsewhere in Alberta and in western Saskatchewan. Cool weather (nighttime lows approaching 0°C in some locations) at the beginning of the week quickly gave way to warmer conditions, with daytime highs reaching the 30s (degrees C) over much of the region by week's end. The early-week frost likely had limited impact on filling to maturing spring grains and oilseeds. Significant rain (greater than 10 mm) was generally confined to Manitoba and portions of the Peace River Valley; little to no rain fell elsewhere in Alberta and over much of Saskatchewan, which recorded some isolated showers (greater than 5 mm).

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



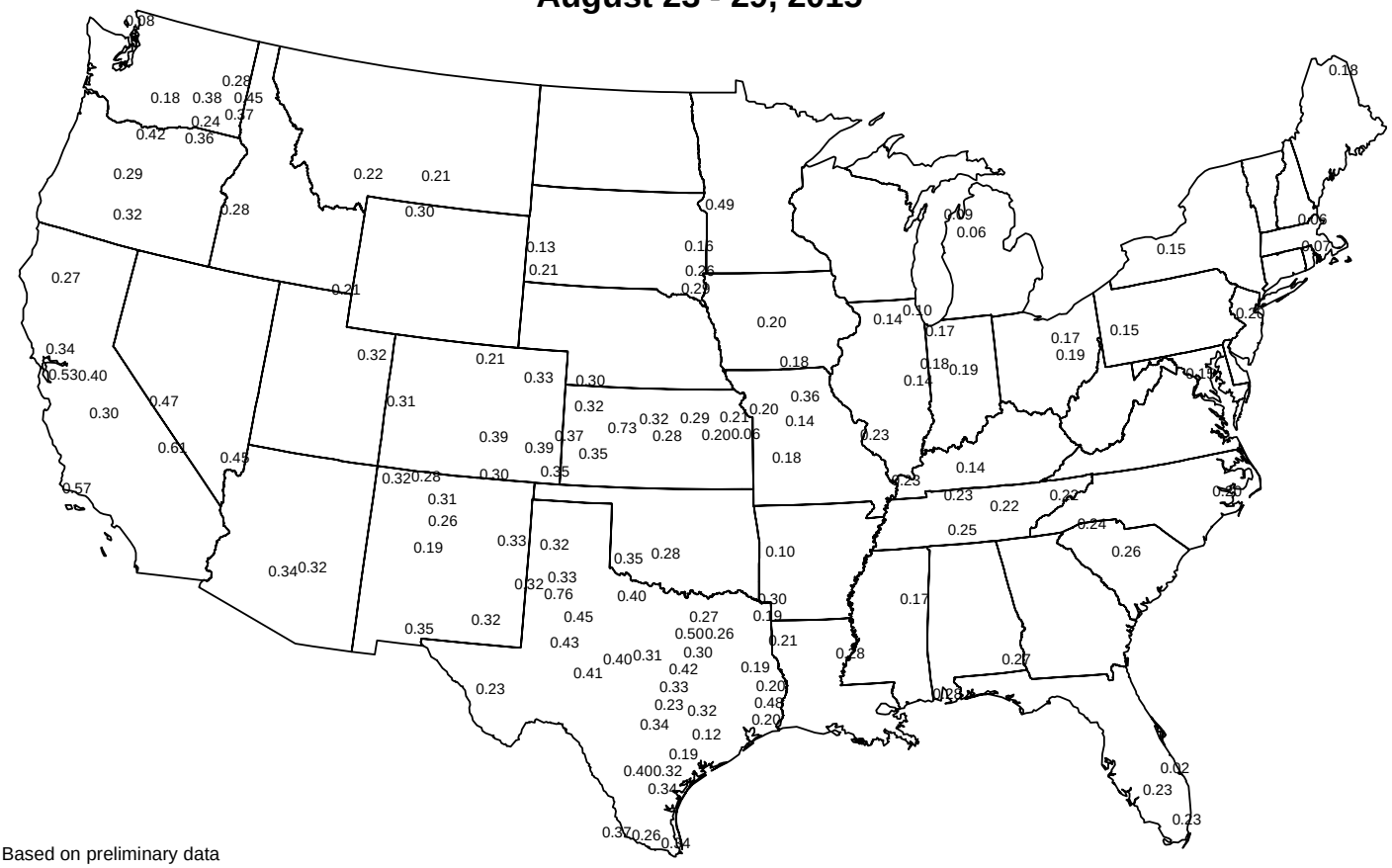
SOUTHEASTERN CANADA

Unseasonably mild weather returned to Ontario, maintaining a generally low rate of summer crop growth. Daytime highs reached the middle 20s (degrees C) on several days but temperatures on some of the cooler days failed to reach 20°C. Temperatures occasionally fell below 10°C during the latter half of the week. Rainfall was generally scattered and light, with just a few locations near the lakes recording more than 10 mm. In Quebec, somewhat warmer conditions prevailed; weekly temperatures averaged 1 to 2°C above normal, with daytime highs reaching the upper 20s during the early part of the week. As in Ontario, little to no rain fell. Throughout the region, the drier weather favored winter wheat harvesting and haying.

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

Average Pan Evaporation (inches/day)

August 23 - 29, 2015



Based on preliminary data

USDA Agricultural Weather Assessments

Data obtained from the NWS Cooperative Observer Network.

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