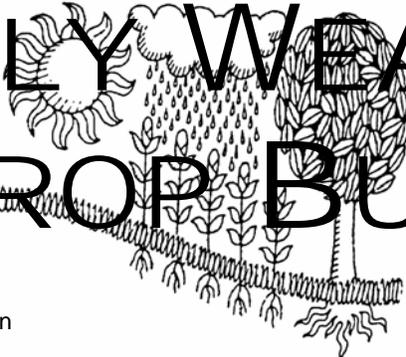
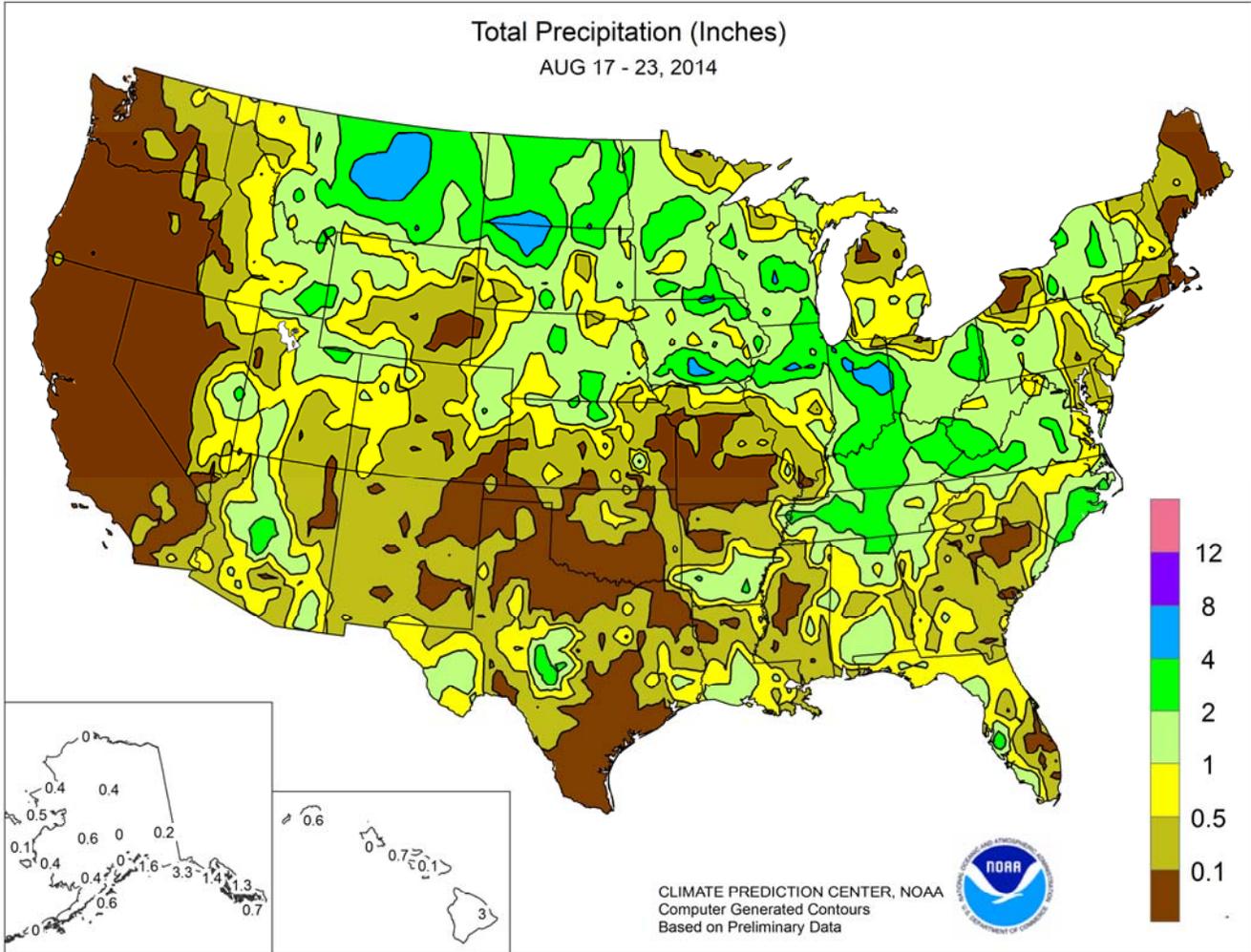


# WEEKLY WEATHER AND CROP BULLETIN



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

### August 17 – 23, 2014

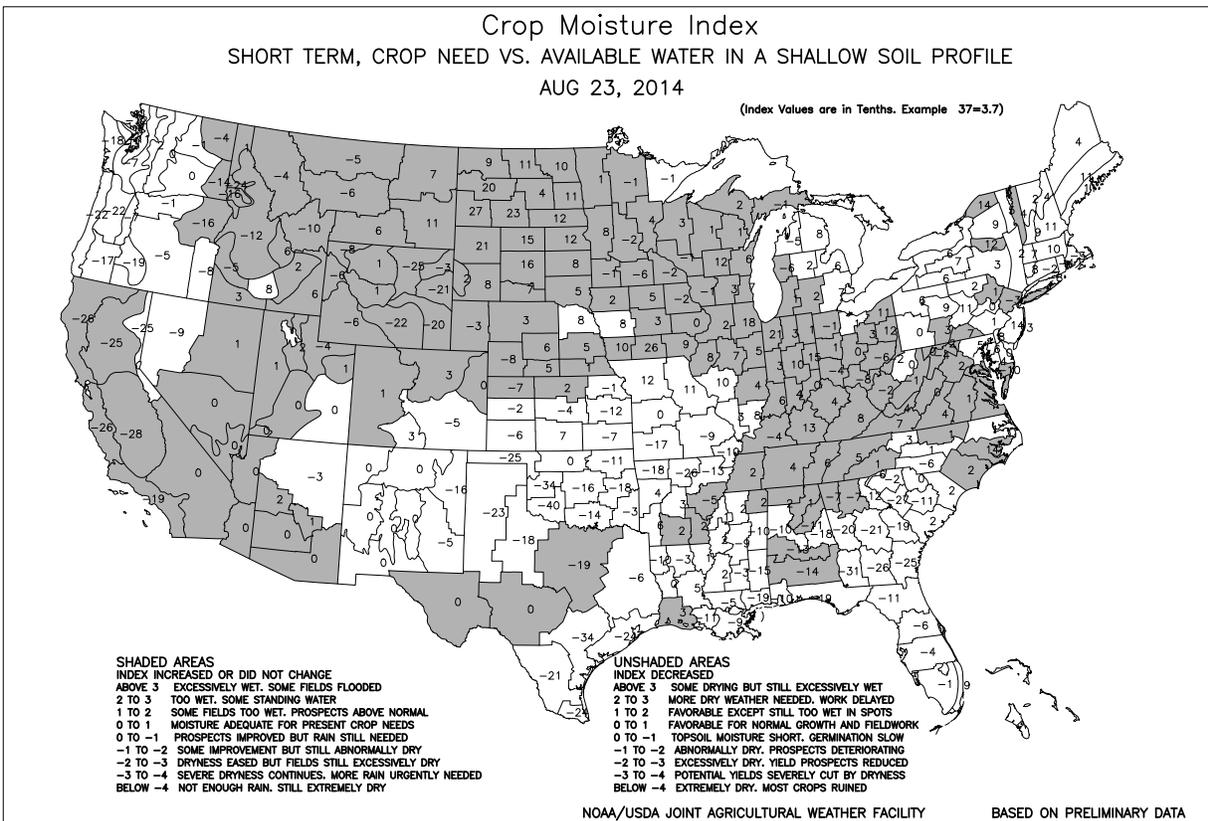
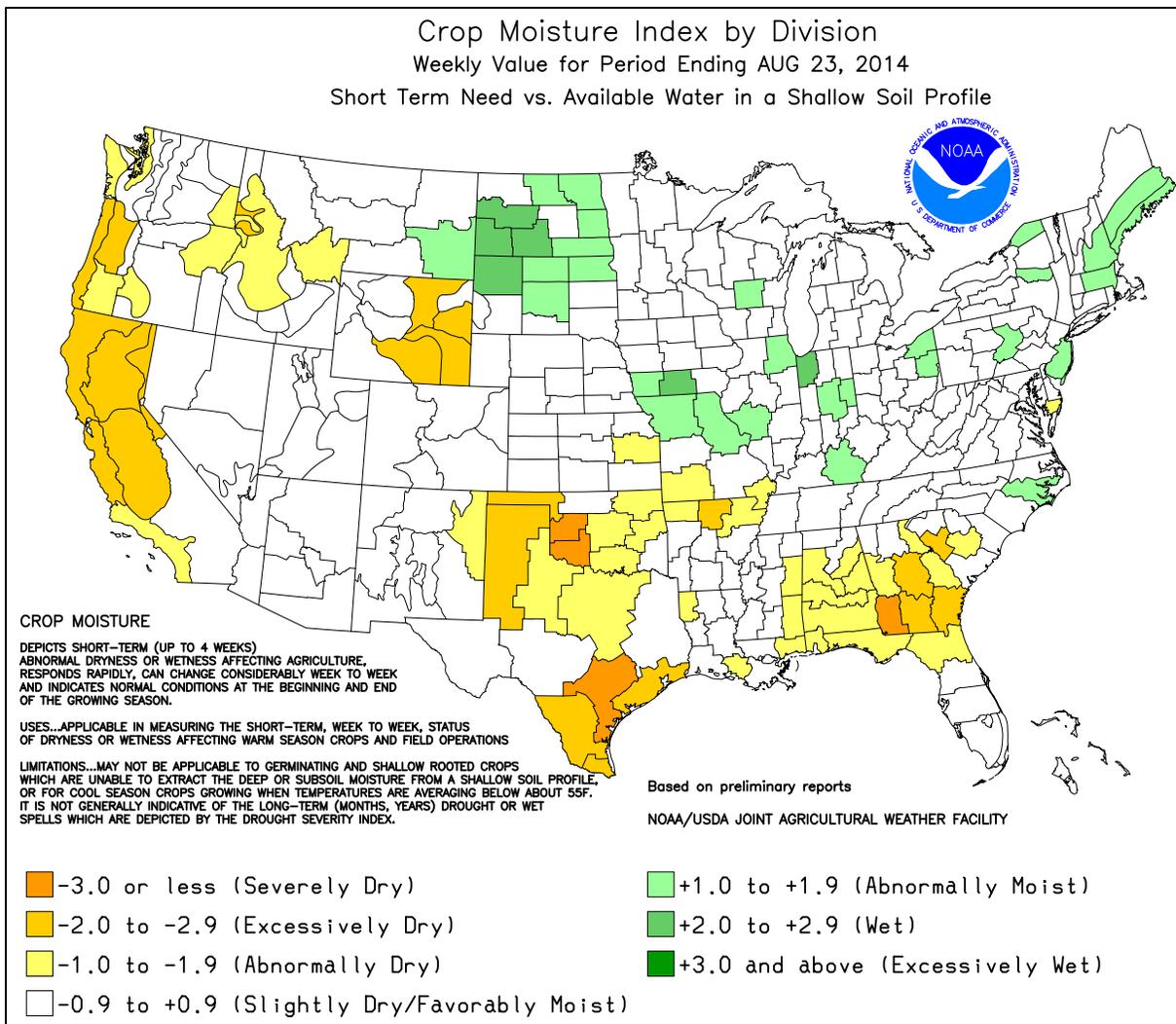
Highlights provided by USDA/WAOB

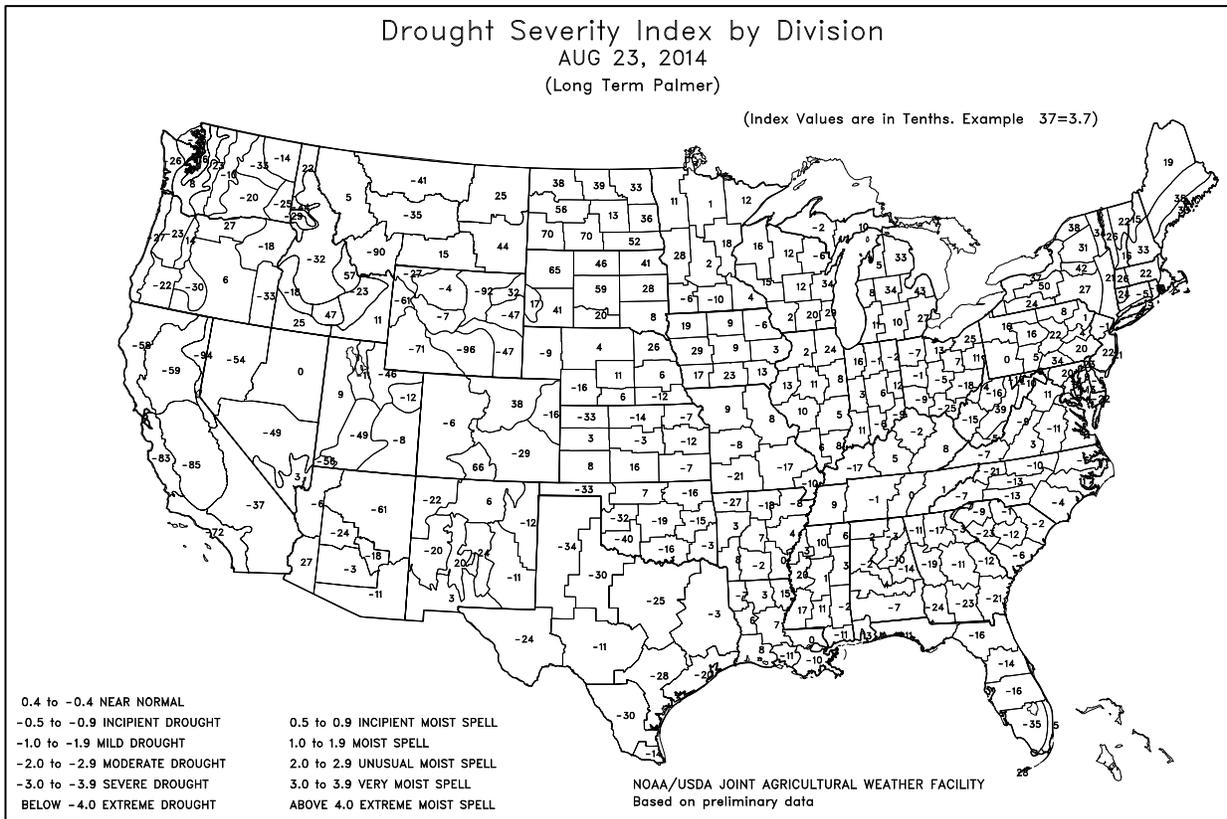
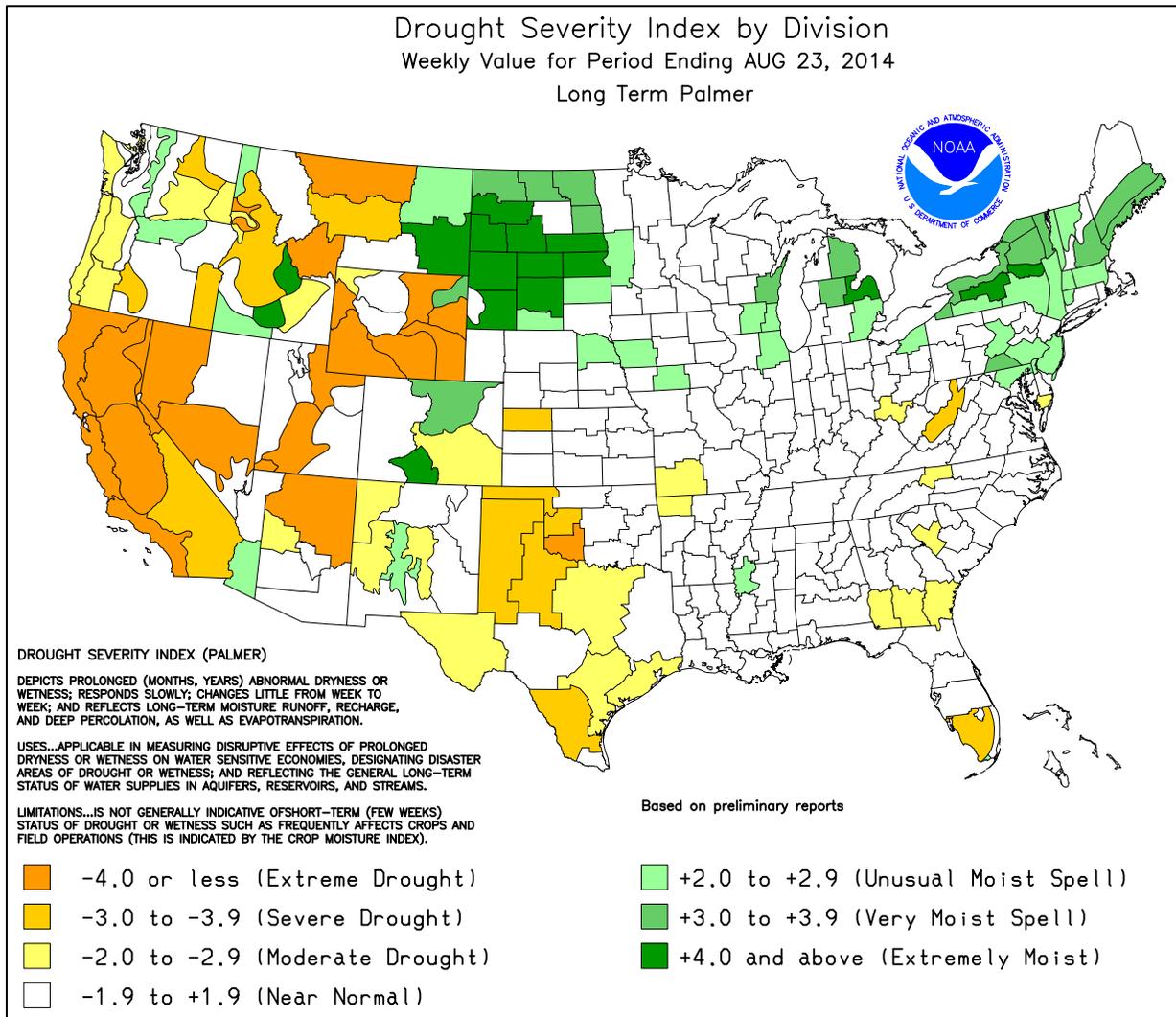
Widespread, locally heavy rain boosted topsoil moisture and aided immature summer crops from the **northern Plains into the Midwestern and Mid-Atlantic States**. Weekly rainfall totaled at least 4 inches in several areas, including **central Montana**, parts of the **Dakotas**, and some northern locations in **Illinois** and **Indiana**. Rainfall in general was much lighter across the **southern U.S.**, although locally heavy showers were observed in **central portions of Arizona and Texas**, and scattered locations in

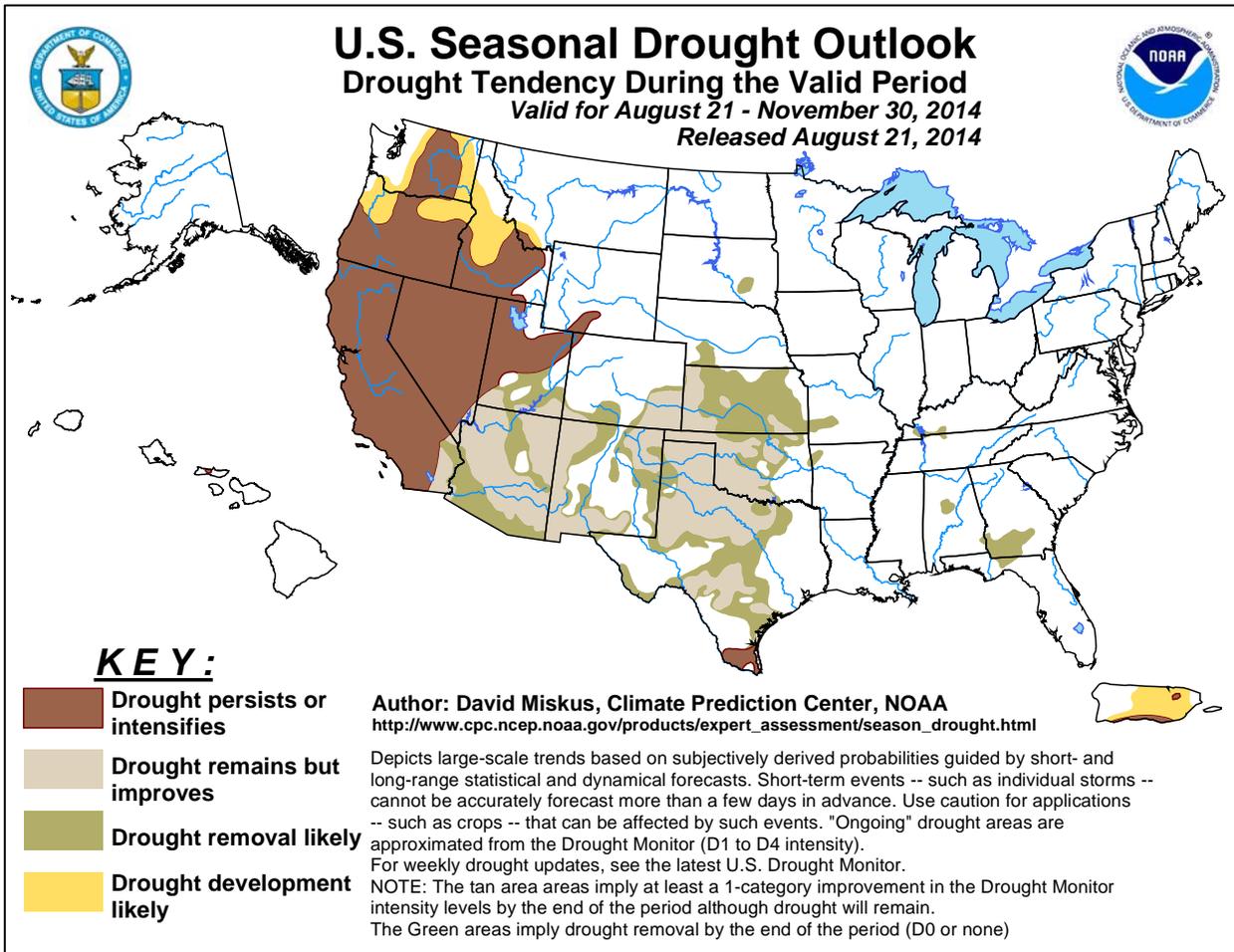
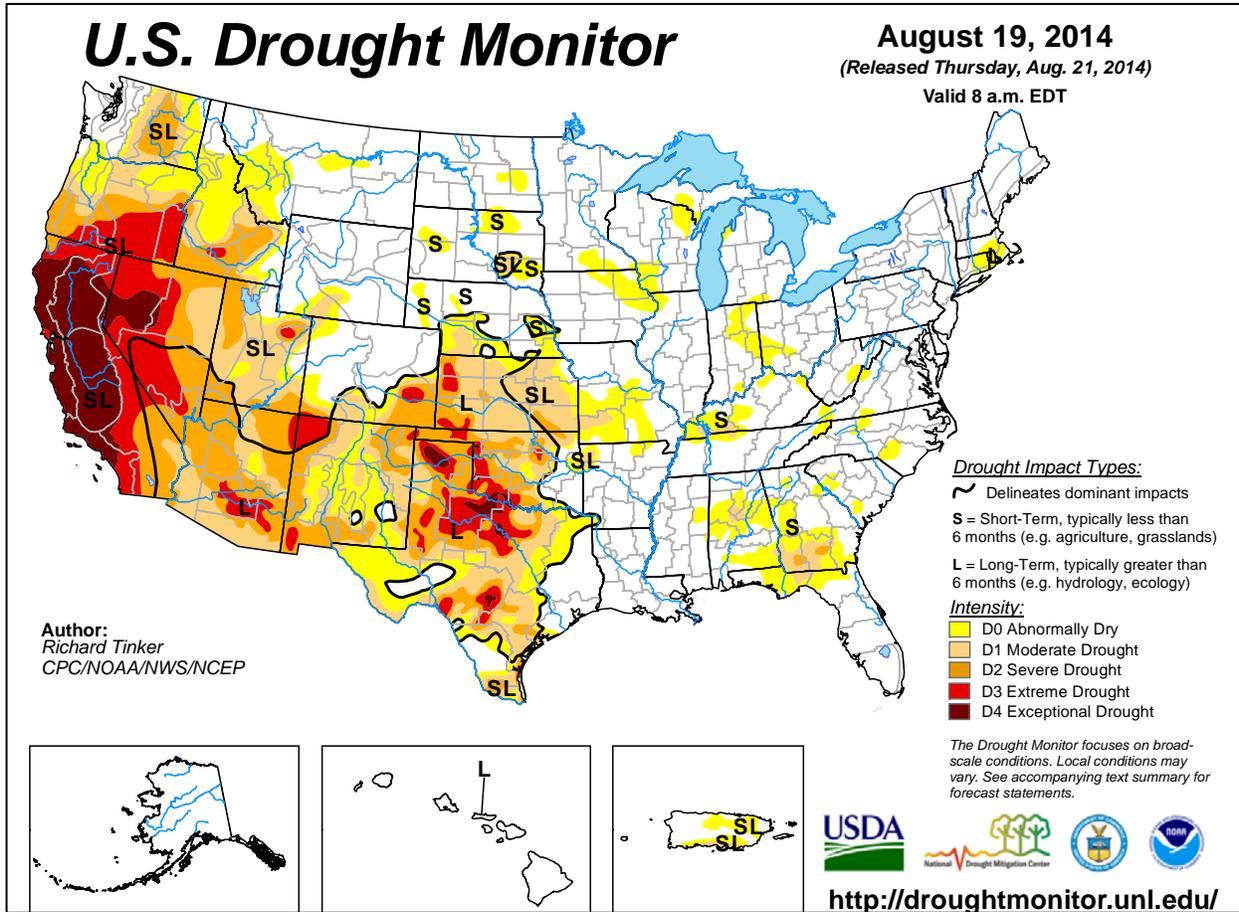
(Continued on page 7)

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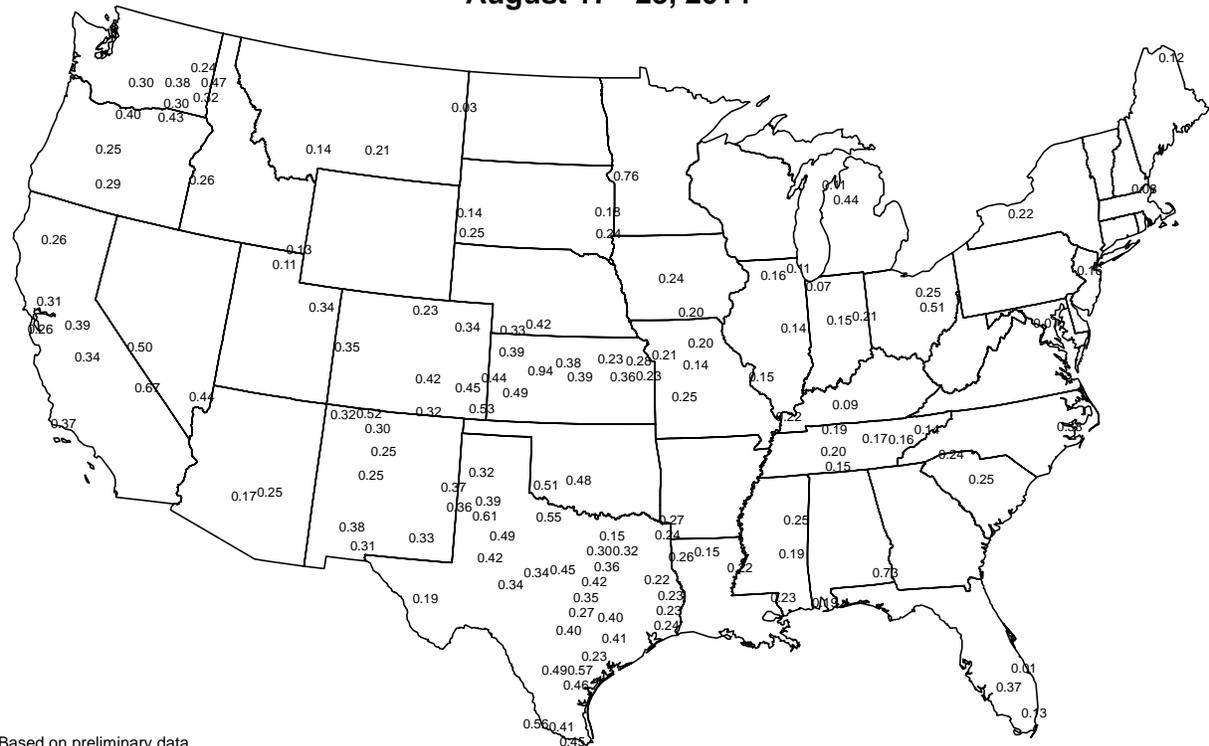






### Average Pan Evaporation (inches/day)

August 17 - 23, 2014

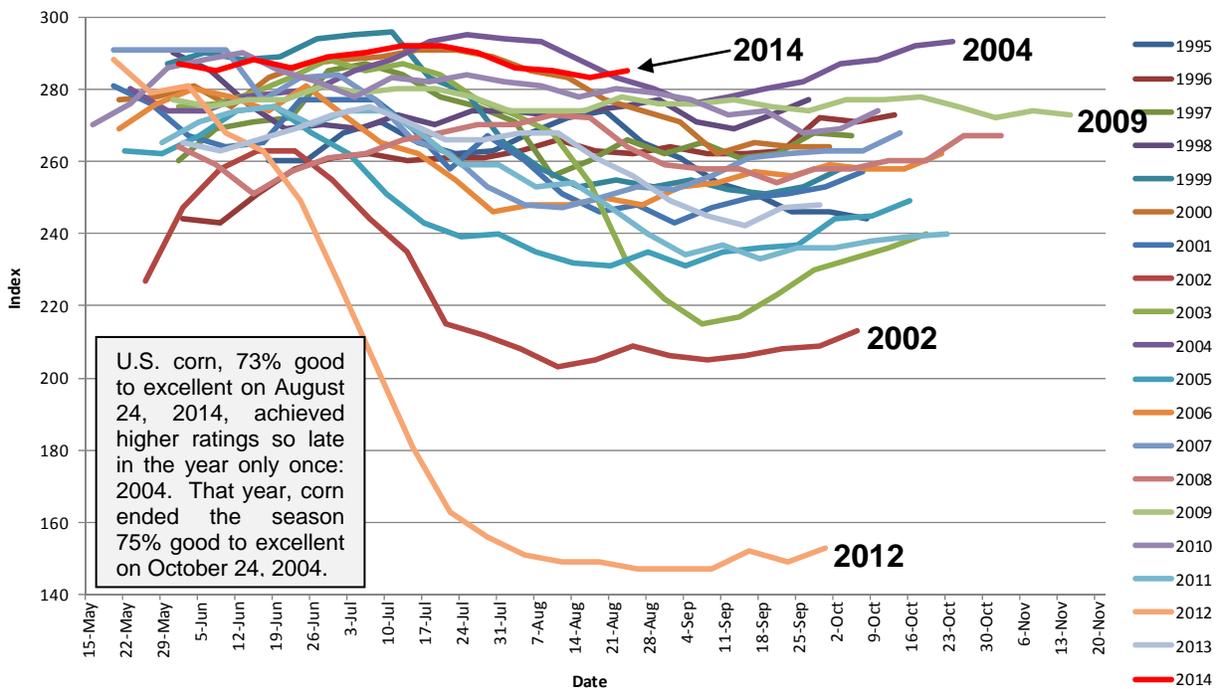


Based on preliminary data

USDA Agricultural Weather Assessments

Data obtained from the NWS Cooperative Observer Network.

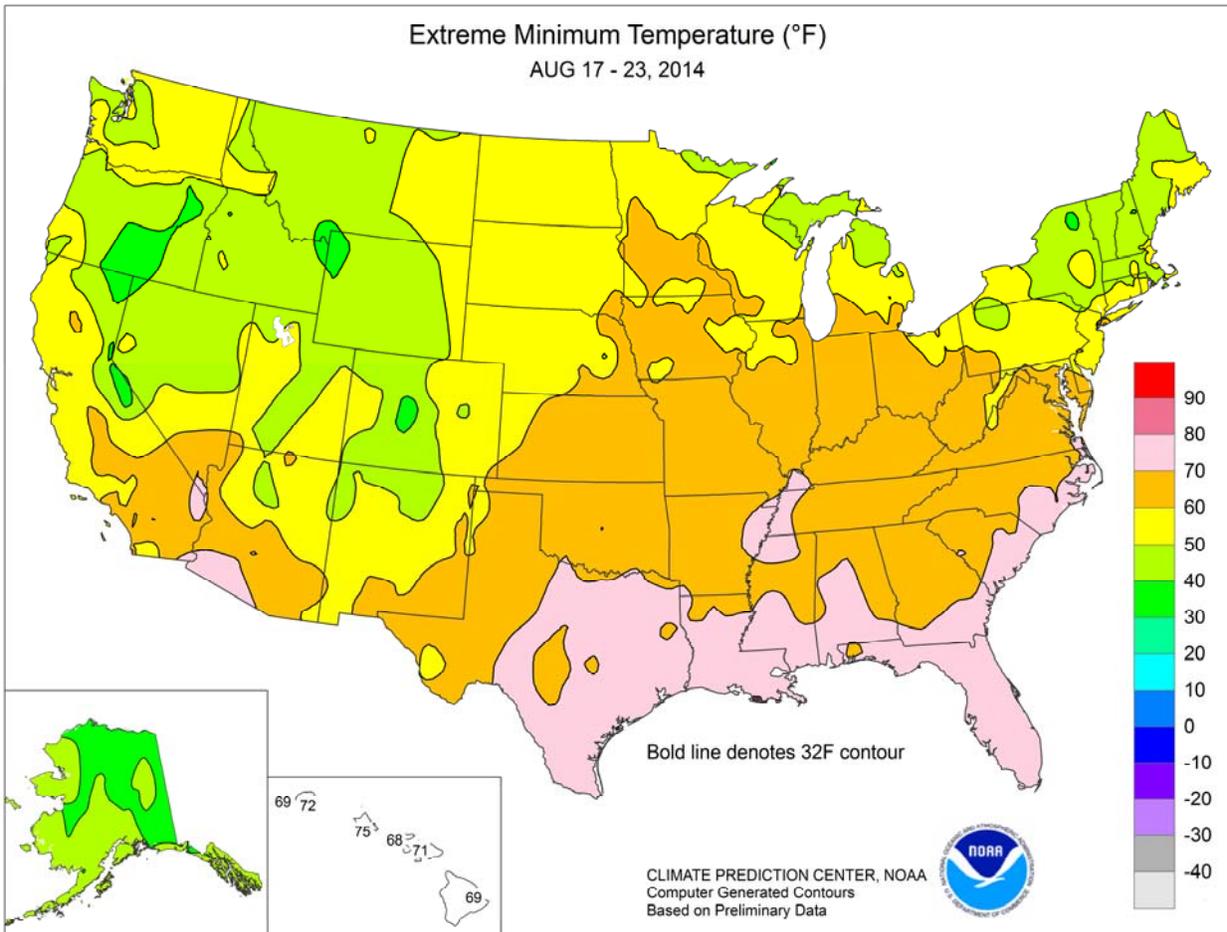
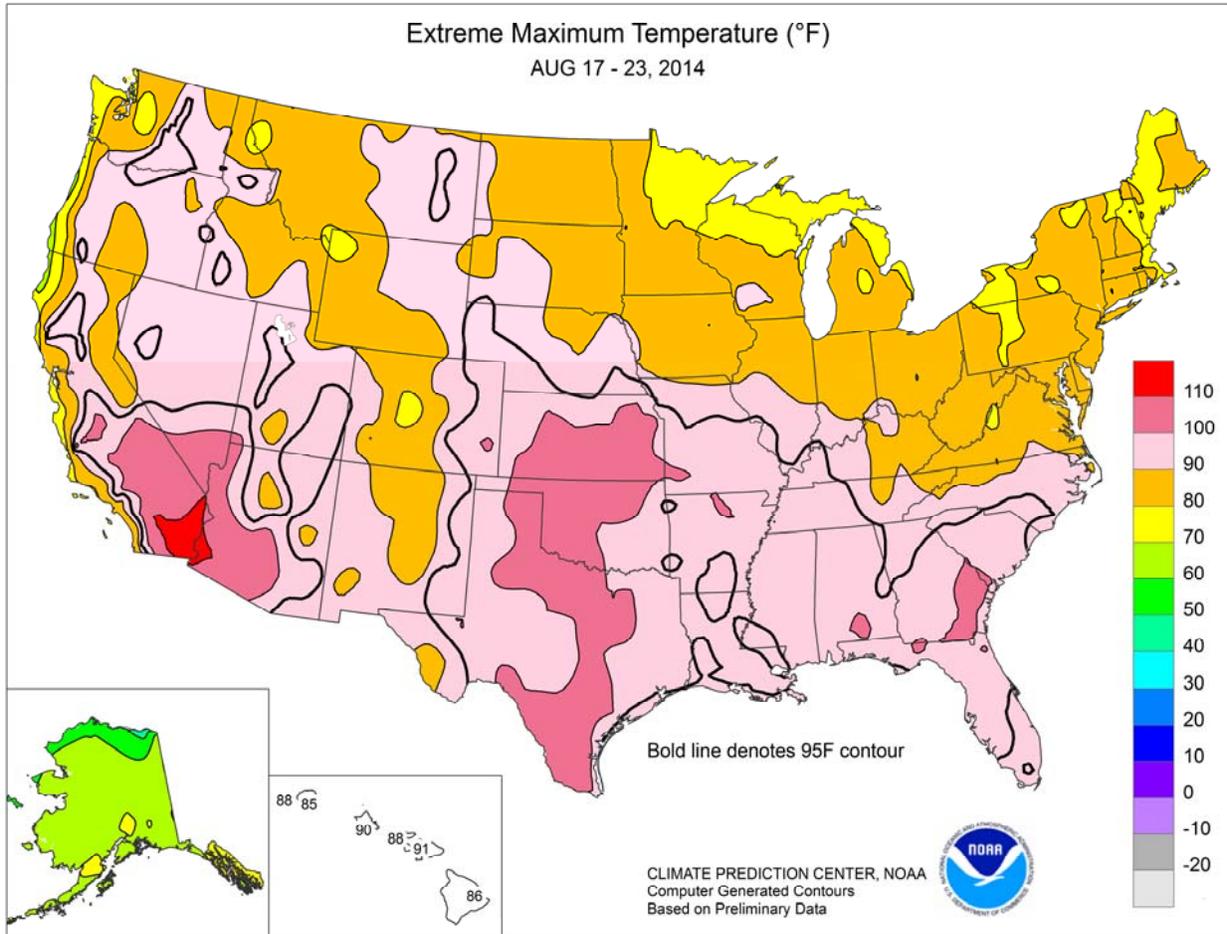
### U.S. CORN Condition Index



U.S. corn, 73% good to excellent on August 24, 2014, achieved higher ratings so late in the year only once: 2004. That year, corn ended the season 75% good to excellent on October 24, 2004.

Based on NASS crop progress data.

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

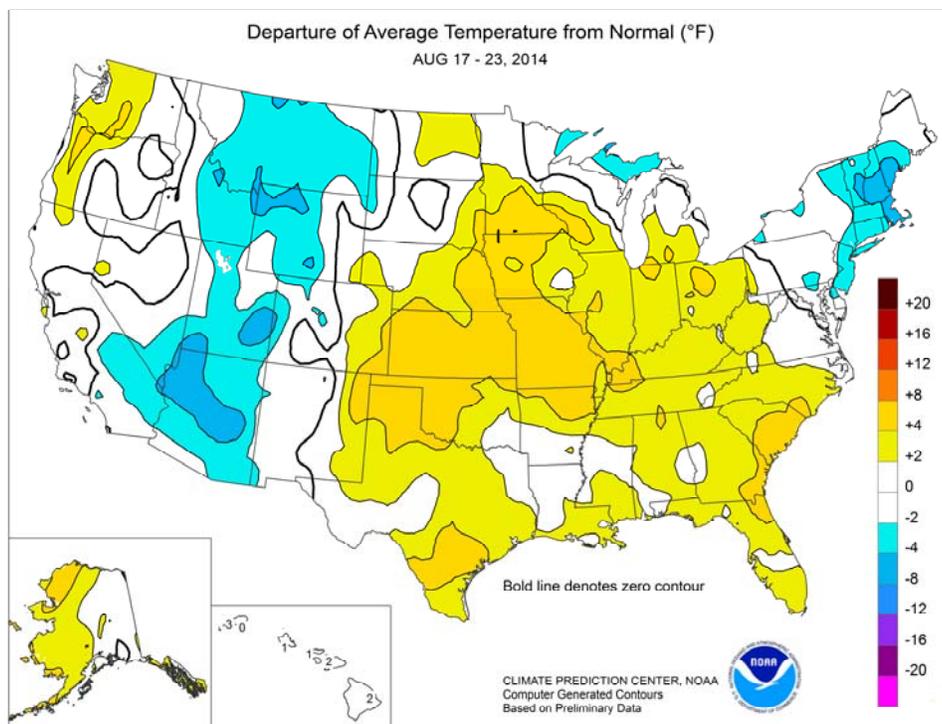


(Continued from front cover)

the **Southeast**. Heat accompanied the lack of widespread rainfall across the **South**, promoting summer crop maturation but stressing immature crops. In fact, late-summer heat expanded from the **central and southern Plains into the Midwest and Southeast**. As a result, weekly temperatures averaged at least 5°F above normal in many locations from the **central and southern Plains into the middle Mississippi Valley**. Similar temperature departures were noted along portions of the **southern Atlantic Coast**. In contrast, near- to below-normal temperatures covered the **Northeast** and much of the **West**. Elsewhere, significant shower activity sparked local flooding from **Arizona to the northern Rockies**, but little or no rain fell—despite the cooler conditions—in the **Far West**.

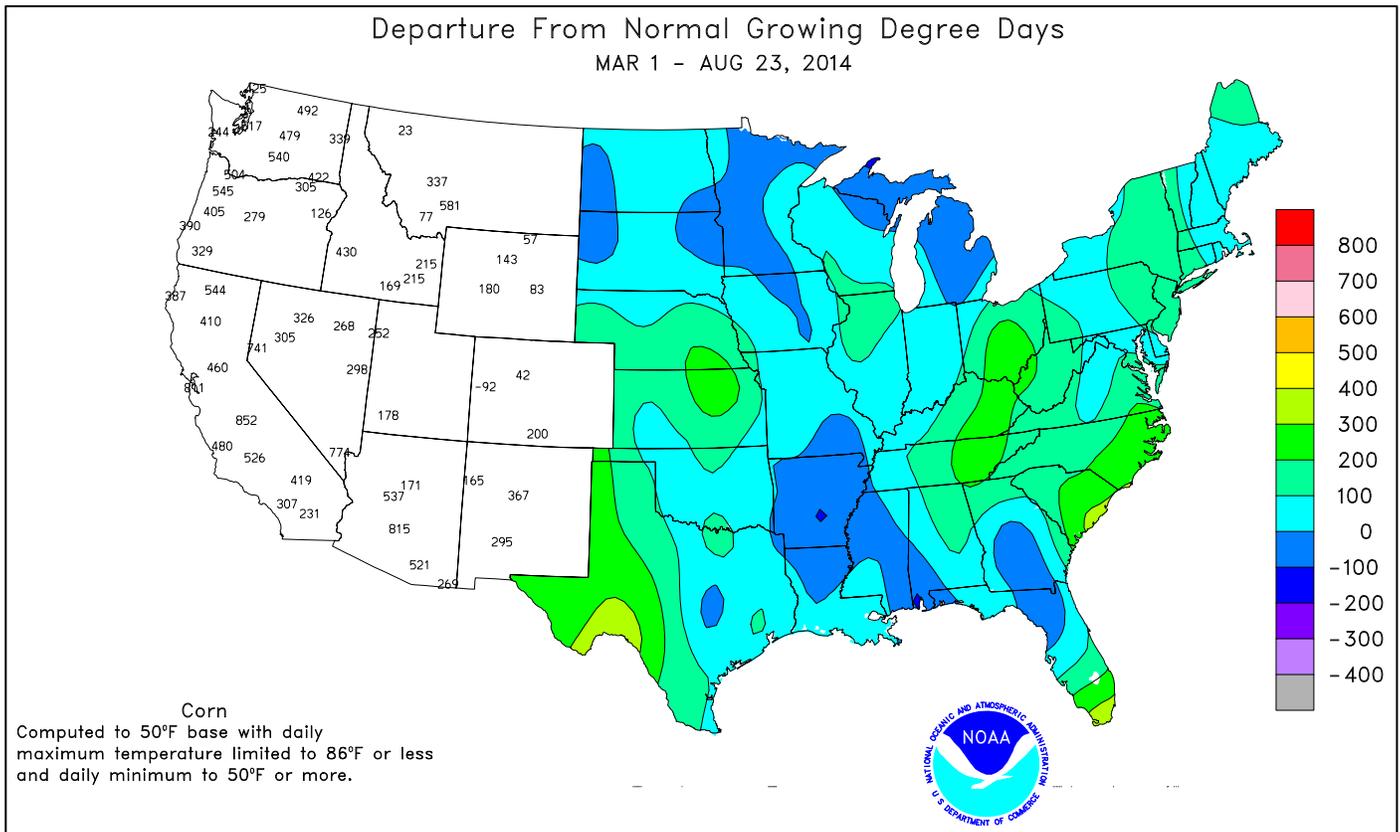
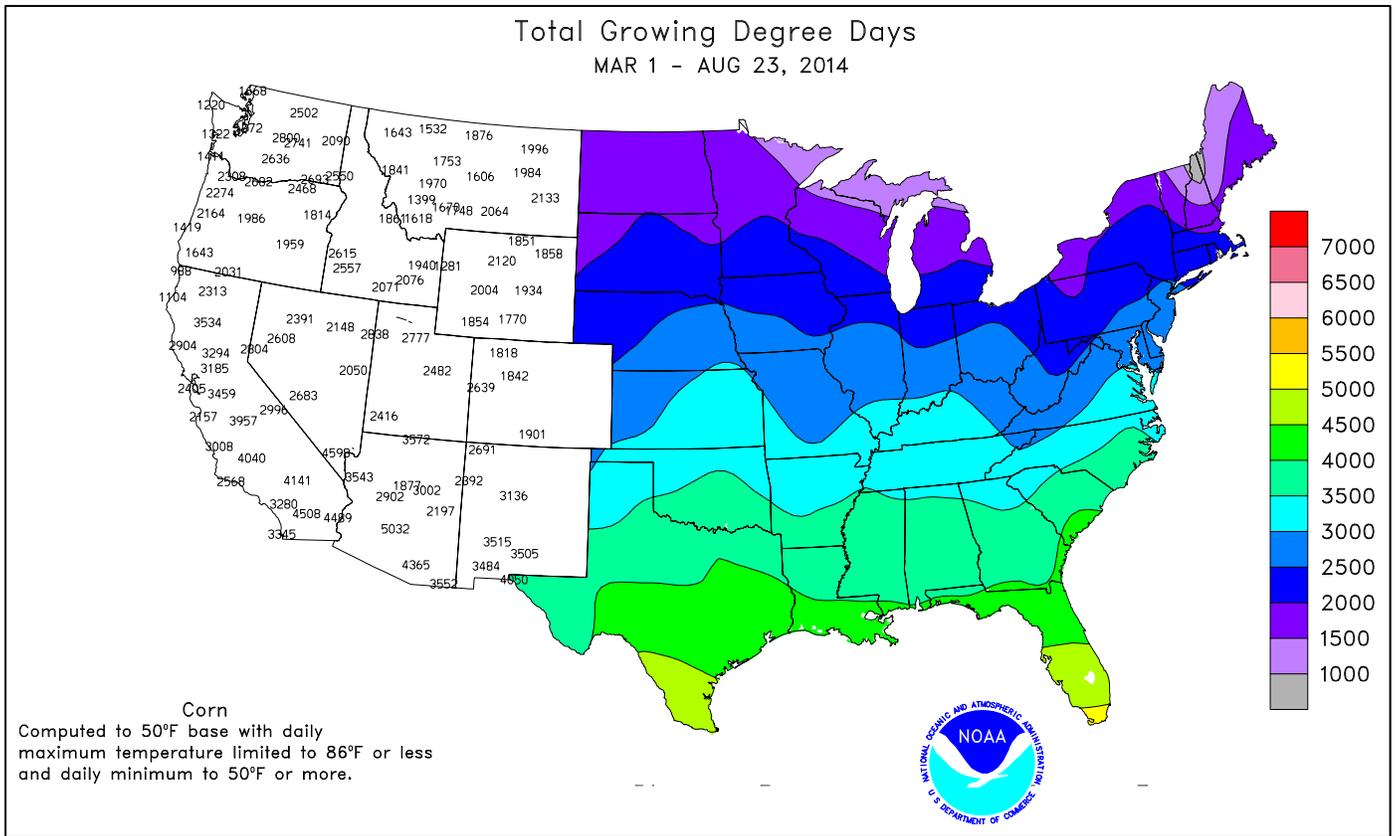
During the early- to mid-week period, locally heavy showers stretched across the **Midwestern and Mid-Atlantic States**. Selected daily-record rainfall totals included 3.61 inches (on August 18) in **Wisconsin Rapids, WI**; 3.56 inches (on August 18) in **New Bern, NC**; 2.33 inches (on August 17) in **Evansville, IN**; and 2.12 inches (on August 20) in **Sioux City, IA**. Later, the focus for heavy rain shifted to the **northern Plains**, although showers lingered farther east. In **Montana**, record-setting rainfall totals for August 23 reached 3.62 inches in **Stanford**, 3.34 inches in **Lewistown**, and 2.87 inches in **Great Falls**. In **Lewistown**, the August 23 rainfall accounted for nearly one-quarter (23 percent) of the year-to-date total of 14.42 inches. Meanwhile in **South Dakota**, daily-record amounts for August 23 included 2.85 inches in **Aberdeen** and 1.67 inches in **Huron**. A day earlier in the **East**, record-setting totals for August 22 had climbed to 2.33 inches in **Fort Wayne, IN**, and 2.29 inches in **Watertown, NY**. Also, heavy rain had sparked flash flooding in parts of **Arizona**, where 24-hour totals on August 18-19 topped 5 inches in the **Yavapai County** communities of **Black Canyon City** (5.71 inches) and **Crown King** (5.24 inches).

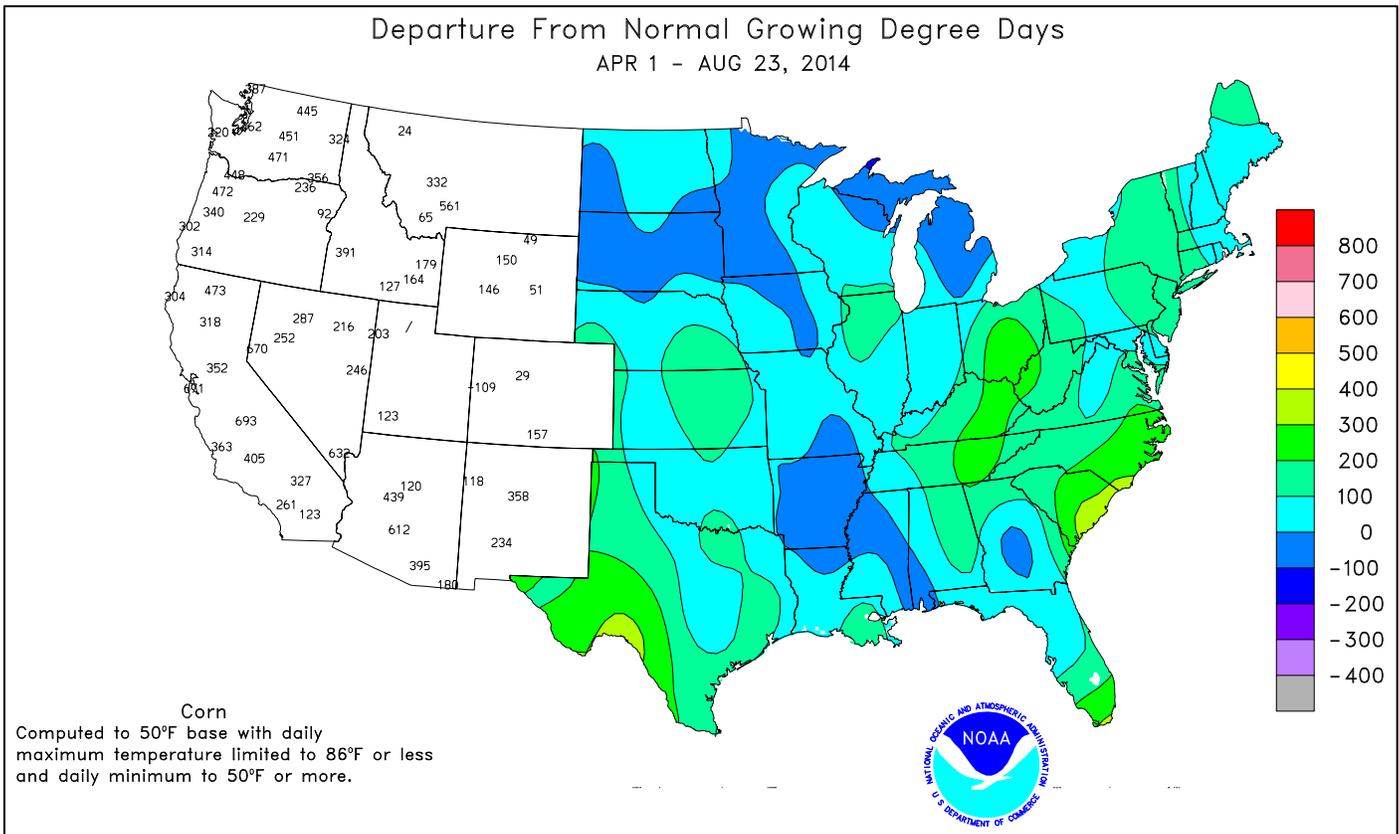
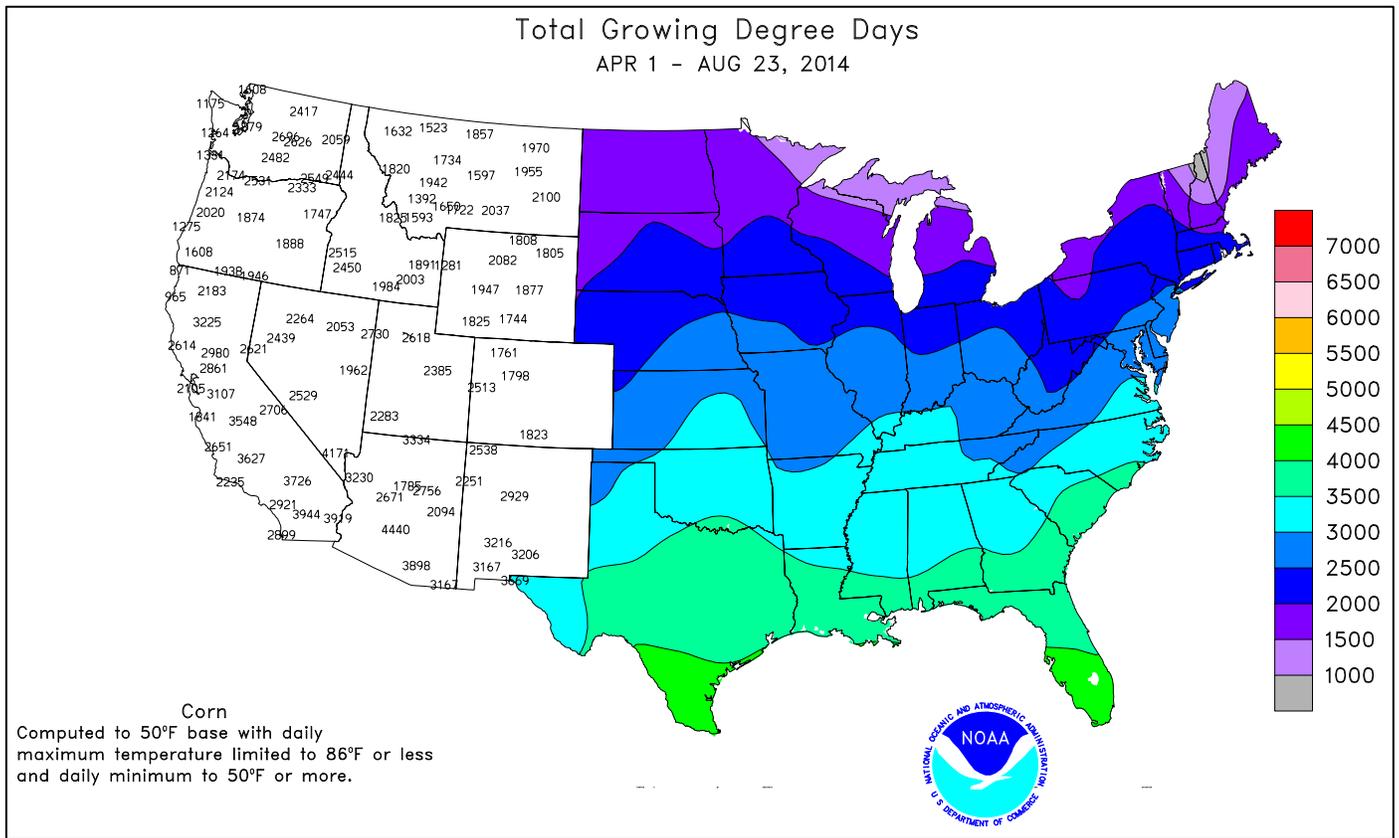
As the week progressed, heat intensified across the **South**. From August 21-24, **Tallahassee, FL**, noted four consecutive daily-record highs (99, 100, 101, and 101°F). With highs of 97°F on August 22-23,



**Apalachicola, FL**, experienced its hottest weather since August 29, 2011. By August 24, **Apalachicola's** high of 102°F was the second-highest temperature on record in that location—tied with July 13, 1999. **Apalachicola's** highest reading on record remains 103°F, set on August 15, 1995. Other **Southern** locations reporting daily-record, triple-digit highs included **Borger, TX** (101°F on August 21); **Savannah, GA** (100°F on August 22 and 23); **Montgomery, AL** (100°F on August 23); and **Springfield, MO** (100°F on August 23). In contrast, late-week temperatures dipped to daily-record levels in scattered Western locations, including **Alta, UT** (33°F on August 23).

Near- to above-normal temperatures covered **Alaska**, with the warmest weather—relative to normal—occurring in western parts of the state. In the **Aleutians**, **Cold Bay** noted highs of 60°F or higher each day during the week, with daily records (64, 66, 65, and 65°F, respectively) reported on August 18, 19, 21, and 23. Warmth eventually spread into **southeastern Alaska**, where the week had begun with a continuation of heavy precipitation. By August 22, daily-record highs reached 78°F in both **Haines** and **Annette Island**. Earlier, rainfall totals on August 17 had included 2.52 inches in **Yakutat** and 1.11 inches in **Juneau**. Farther south, a fairly typical summer weather pattern resumed in **Hawaii**, following disruptions—rainfall enhancement and subsequent suppression—related to tropical activity. On the **Big Island**, **Hilo's** weekly rainfall reached 2.86 inches, following totals of 4.10 inches from August 3-9—including rainfall from Tropical Storm Iselle—and 0.67 inch from August 10-16.





National Weather Data for Selected Cities

Weather Data for the Week Ending August 23, 2014

Data Provided by Climate Prediction Center

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	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	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	94	73	96	71	83	4	1.50	0.80	0.76	8.78	76	31.63	86	89	46	6	0	3	2
HUNTSVILLE	94	72	97	70	83	4	1.63	0.94	1.56	13.69	124	37.16	98	90	62	6	0	2	1
MOBILE	93	74	97	73	83	2	0.66	-0.69	0.65	14.76	92	56.25	124	99	59	6	0	2	1
AK MONTGOMERY	95	74	100	71	84	3	1.70	0.95	0.81	10.49	87	39.37	105	91	53	7	0	3	2
ANCHORAGE	65	52	69	50	59	3	0.00	-0.68	0.00	7.37	155	10.60	132	87	71	0	0	0	0
BARROW	51	36	57	33	44	5	0.02	-0.20	0.01	2.52	132	4.76	193	100	80	0	0	2	0
FAIRBANKS	68	48	70	40	58	2	0.06	-0.33	0.04	11.27	254	12.36	192	85	69	0	0	2	0
JUNEAU	65	49	71	44	57	1	1.35	0.14	1.14	22.45	200	42.37	141	96	83	0	0	3	1
KODIAK	63	49	69	46	56	1	0.58	-0.42	0.56	14.83	120	48.36	112	89	76	0	0	2	1
NOME	59	48	65	40	54	4	0.53	-0.21	0.52	3.79	68	8.25	89	92	77	0	0	2	1
AZ FLAGSTAFF	71	50	83	46	60	-4	1.50	0.87	0.78	8.98	179	12.19	84	92	48	0	0	5	1
PHOENIX	97	77	109	71	87	-4	0.62	0.43	0.43	1.23	68	2.22	45	65	39	7	0	2	0
PRESCOTT	79	58	91	54	69	-2	1.56	0.84	1.19	5.29	91	6.35	50	85	40	1	0	4	1
TUCSON	93	72	99	69	82	-3	0.93	0.43	0.79	3.30	80	3.91	53	72	42	6	0	3	1
AR FORT SMITH	95	73	98	69	84	3	0.27	-0.27	0.27	8.51	92	23.26	85	91	48	7	0	1	0
LITTLE ROCK	94	74	96	69	84	3	0.58	-0.06	0.58	14.54	157	36.95	117	88	49	7	0	1	1
CA BAKERSFIELD	97	70	101	66	84	2	0.00	0.00	0.00	0.00	0	1.33	29	39	27	7	0	0	0
FRESNO	98	69	102	66	83	3	0.00	0.00	0.00	0.01	4	4.08	52	59	36	7	0	0	0
LOS ANGELES	77	67	78	66	72	1	0.00	-0.03	0.00	0.17	121	3.58	38	81	63	0	0	0	0
REDDING	94	62	100	60	78	-1	0.00	-0.03	0.00	0.19	23	14.46	66	56	37	5	0	0	0
SACRAMENTO	87	59	93	56	73	-2	0.00	0.00	0.00	0.01	4	7.91	66	89	34	2	0	0	0
SAN DIEGO	78	69	80	67	73	0	0.01	0.01	0.01	0.08	67	2.89	38	78	64	0	0	1	0
SAN FRANCISCO	74	59	77	57	67	3	0.00	0.00	0.00	0.01	7	7.32	55	89	74	0	0	0	0
STOCKTON	90	58	94	56	74	-2	0.00	0.00	0.00	0.03	21	5.82	64	80	52	5	0	0	0
CO ALAMOSA	78	47	85	41	62	0	0.51	0.26	0.51	2.05	86	3.85	85	81	42	0	0	1	1
CO SPRINGS	85	58	89	54	71	4	0.00	-0.80	0.00	7.59	96	12.38	91	74	24	0	0	0	0
DENVER INTL	85	59	91	54	72	2	0.34	-0.01	0.11	6.83	127	13.54	129	74	32	2	0	6	0
GRAND JUNCTION	83	59	94	54	71	-4	0.78	0.61	0.41	3.78	228	7.56	135	73	43	2	0	3	0
PUEBLO	92	59	96	51	76	3	0.03	-0.47	0.02	5.39	105	9.58	101	72	25	6	0	2	0
CT BRIDGEPORT	78	64	84	58	71	-2	0.15	-0.68	0.12	9.52	95	31.17	108	80	56	0	0	2	0
HARTFORD	79	58	84	51	68	-3	0.19	-0.70	0.10	9.68	94	31.68	108	83	51	0	0	3	0
DC WASHINGTON	85	72	90	71	79	2	0.49	-0.25	0.26	11.11	119	33.40	132	77	55	1	0	4	0
DE WILMINGTON	81	65	83	58	73	-2	0.04	-0.70	0.03	14.40	138	36.73	130	91	59	0	0	2	0
FL DAYTONA BEACH	94	74	97	73	84	3	0.63	-0.77	0.39	13.37	89	33.11	109	97	52	7	0	4	0
JACKSONVILLE	96	73	99	73	85	4	0.27	-1.29	0.25	9.63	60	35.46	106	98	46	7	0	2	0
KEY WEST	92	84	93	81	88	4	1.05	-0.23	1.05	8.10	71	20.95	93	74	60	7	0	1	1
MIAMI	92	79	94	78	86	2	1.38	-0.69	1.06	37.25	185	47.39	133	82	58	7	0	3	1
ORLANDO	96	75	97	73	85	2	0.66	-0.74	0.62	20.00	105	37.33	112	92	56	7	0	2	1
PENSACOLA	93	75	99	70	84	2	0.21	-1.29	0.15	12.26	63	68.74	155	91	61	6	0	2	0
TALLAHASSEE	97	74	101	73	85	3	1.29	-0.26	1.14	8.68	43	40.76	90	90	65	7	0	3	1
TAMPA	93	77	99	74	85	2	2.06	0.32	1.33	19.55	113	38.88	131	86	56	6	0	3	2
GA WEST PALM BEACH	92	78	93	75	85	2	0.00	-1.53	0.00	25.08	140	42.79	116	89	59	7	0	0	0
ATHENS	95	69	98	65	82	4	0.98	0.17	0.82	9.36	84	28.99	89	93	46	6	0	3	1
ATLANTA	90	71	93	69	81	2	0.98	0.23	0.55	14.70	128	33.17	97	89	60	3	0	4	1
AUGUSTA	96	70	100	64	83	4	0.02	-1.00	0.02	9.45	82	28.31	92	91	45	7	0	1	0
COLUMBUS	93	71	98	69	82	1	0.48	-0.31	0.30	9.87	86	35.66	105	95	49	5	0	4	0
MACON	97	69	99	65	83	3	0.75	-0.08	0.73	11.61	109	33.79	108	99	42	7	0	2	1
SAVANNAH	96	75	100	73	85	4	0.18	-1.47	0.12	19.26	115	35.05	102	84	56	7	0	2	0
HI HILO	85	71	86	69	78	2	2.99	0.84	2.15	32.59	129	80.31	102	89	74	0	0	7	1
HONOLULU	89	76	90	75	83	1	0.00	-0.08	0.00	2.14	167	12.13	120	67	62	2	0	0	0
KAHULUI	89	73	91	71	81	1	0.11	0.00	0.10	1.63	151	15.58	130	80	66	4	0	2	0
LIHUE	84	75	85	72	80	0	0.59	0.20	0.56	8.12	152	23.92	106	80	71	0	0	3	1
ID BOISE	88	61	95	51	74	0	0.00	-0.05	0.00	0.38	31	8.49	110	50	33	3	0	0	0
LEWISTON	88	62	96	58	75	2	0.68	0.51	0.68	2.38	102	7.66	91	61	40	3	0	1	1
POCATELLO	80	52	92	48	66	-2	0.70	0.56	0.41	3.02	147	8.73	105	90	52	2	0	5	0
IL CHICAGO/O'HARE	82	67	86	64	75	3	2.98	1.91	1.64	16.76	161	31.59	134	84	67	0	0	4	2
MOLINE	85	67	89	60	76	3	0.89	-0.13	0.45	14.64	123	26.19	101	92	72	0	0	2	0
PEORIA	84	69	89	65	77	4	2.54	1.87	0.94	16.79	164	28.76	120	89	65	0	0	5	3
ROCKFORD	82	66	86	62	74	3	2.47	1.51	2.24	14.88	125	24.85	101	92	72	0	0	2	1
SPRINGFIELD	87	70	93	63	78	4	2.19	1.43	2.15	15.51	158	29.80	125	96	65	2	0	3	1
IN EVANSVILLE	88	71	95	67	80	4	2.38	1.69	2.33	11.86	117	33.35	111	92	70	3	0	4	1
FORT WAYNE	83	65	85	62	74	3	3.86	3.04	2.45	13.72	134	30.26	124	96	65	0	0	3	2
INDIANAPOLIS	85	67	88	64	76	3	1.53	0.70	0.81	12.03	105	29.45	106	93	63	0	0	5	2
SOUTH BEND	84	68	87	65	76	5	0.53	-0.38	0.31	12.33	115	27.40	110	90	70	0	0	4	0
IA BURLINGTON	84	68	88	62	76	2	2.29	1.44	0.83	14.52	123	25.99	101	99	69	0	0	4	2
CEDAR RAPIDS	82	65	87	59	74	2	0.57	-0.39	0.30	17.89	154	29.13	126	100	70	0	0	4	0
DES MOINES	87	69	90	61	78	4	3.27	2.24	2.10</										

Weather Data for the Week Ending August 23, 2014

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	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	TEMP. °F		PRECIP		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
WICHITA	98	72	102	67	85	5	0.31	-0.33	0.31	15.64	162	21.70	103	78	43	7	0	1	0	
KY JACKSON	85	68	89	65	76	2	2.26	1.35	0.91	15.17	123	36.02	110	95	67	0	0	5	2	
LEXINGTON	87	70	92	67	78	3	2.42	1.61	0.82	17.95	146	39.30	124	89	69	3	0	7	3	
LOUISVILLE	87	72	92	69	80	3	2.49	1.77	1.35	11.04	103	30.55	100	93	67	4	0	6	2	
PADUCAH	93	75	96	71	84	8	1.50	0.87	0.91	11.86	106	32.05	99	89	55	6	0	4	1	
LA BATON ROUGE	94	74	96	72	84	3	0.37	-0.95	0.17	18.98	121	43.31	101	94	51	7	0	4	0	
LAKE CHARLES	92	76	95	73	84	2	2.95	1.88	2.77	28.72	198	43.89	120	93	59	7	0	4	1	
NEW ORLEANS	94	77	96	74	85	2	1.06	-0.35	0.81	15.93	92	40.88	94	90	64	7	0	3	1	
SHREVEPORT	95	75	98	71	85	2	0.03	-0.55	0.03	7.56	68	25.63	76	93	48	7	0	1	0	
ME CARIBOU	74	54	81	52	64	1	0.04	-0.89	0.04	11.36	111	28.56	120	95	56	0	0	1	0	
PORTLAND	73	54	77	49	63	-4	0.02	-0.64	0.01	17.55	199	36.77	130	90	59	0	0	2	0	
MD BALTIMORE	81	65	87	62	73	-1	0.23	-0.58	0.21	14.11	141	37.73	138	87	63	0	0	3	0	
MA BOSTON	75	61	81	59	68	-4	0.08	-0.68	0.08	8.37	97	26.32	99	85	57	0	0	1	0	
WORCESTER	73	57	79	54	65	-3	0.10	-0.81	0.09	10.11	90	31.31	101	92	51	0	0	2	0	
MI ALPENA	74	55	79	44	65	1	0.15	-0.63	0.15	9.12	110	20.61	112	99	70	0	0	1	0	
GRAND RAPIDS	80	65	83	60	73	4	1.98	1.13	1.90	12.18	125	25.40	112	100	74	0	0	2	1	
HOUGHTON LAKE	77	57	81	46	67	3	0.01	-0.86	0.01	7.01	85	19.69	109	97	69	0	0	1	0	
LANSING	80	63	82	58	71	3	0.96	0.15	0.76	15.19	178	26.39	134	94	68	0	0	3	1	
MUSKOGON	80	65	84	61	72	4	0.68	-0.20	0.59	12.11	163	25.41	131	89	68	0	0	2	1	
TRVERSE CITY	78	62	87	57	70	2	0.04	-0.73	0.02	5.80	66	19.00	93	90	58	0	0	2	0	
MN DULUTH	67	59	72	55	63	0	1.88	0.94	0.68	11.49	101	23.91	119	93	83	0	0	4	3	
INT'L FALLS	72	54	76	49	63	-1	0.04	-0.66	0.02	15.13	159	23.97	151	98	70	0	0	3	0	
MINNEAPOLIS	82	68	87	65	75	5	0.35	-0.57	0.27	14.93	131	29.40	143	96	70	0	0	3	0	
ROCHESTER	82	66	85	60	74	7	2.73	1.77	0.87	11.72	99	23.05	105	94	73	0	0	4	4	
ST. CLOUD	80	65	85	61	72	5	1.55	0.63	1.47	10.16	96	26.51	143	95	64	0	0	2	1	
MS JACKSON	94	73	97	72	84	3	0.26	-0.52	0.25	11.72	104	43.32	114	95	49	7	0	2	0	
MERIDIAN	94	71	98	68	82	1	0.27	-0.40	0.09	6.66	55	38.38	94	94	62	6	0	7	0	
TUPELO	93	73	97	70	83	4	0.21	-0.35	0.20	14.88	143	35.06	94	89	56	5	0	2	0	
MO COLUMBIA	90	70	97	64	80	4	0.27	-0.56	0.26	9.31	88	24.13	90	95	56	4	0	2	0	
KANSAS CITY	91	72	97	65	82	6	0.15	-0.60	0.15	14.68	129	23.30	93	87	55	5	0	1	0	
SAINT LOUIS	91	75	99	72	83	5	0.21	-0.42	0.19	11.31	115	28.37	110	86	63	4	0	2	0	
SPRINGFIELD	96	70	100	64	83	5	0.00	-0.76	0.00	9.70	91	21.18	76	86	44	6	0	0	0	
MT BILLINGS	77	57	92	50	67	-4	1.43	1.26	0.61	3.70	99	11.52	110	83	48	1	0	5	1	
BUTTE	70	45	81	43	58	-3	1.37	1.07	0.76	7.02	155	11.30	120	90	39	0	0	5	1	
CUT BANK	69	51	85	45	60	-2	1.74	1.35	0.71	8.32	158	12.37	129	91	55	0	0	6	2	
GLASGOW	78	59	94	52	68	-2	2.85	2.59	2.12	6.89	140	10.28	122	89	60	1	0	4	2	
GREAT FALLS	74	52	89	46	63	-3	3.22	2.86	2.80	8.65	179	15.75	143	91	46	0	0	3	1	
HAVRE	76	56	93	51	66	-2	1.49	1.24	0.93	4.94	116	8.63	101	91	64	1	0	4	2	
MISSOULA	78	51	90	50	65	-1	0.43	0.18	0.17	3.12	87	9.97	106	83	56	1	0	4	0	
NE GRAND ISLAND	88	67	90	61	78	5	1.23	0.54	0.74	16.10	177	20.59	108	86	58	1	0	4	1	
LINCOLN	93	69	96	62	81	6	0.94	0.20	0.31	8.48	89	18.23	90	87	52	7	0	5	0	
NORFOLK	89	66	91	60	78	5	2.25	1.65	2.05	16.59	164	22.09	111	90	58	4	0	3	1	
NORTH PLATTE	89	61	95	56	75	2	0.97	0.53	0.88	12.37	153	16.67	107	94	46	5	0	3	1	
OMAHA	91	71	93	66	81	7	1.67	0.98	0.78	16.03	158	22.85	108	84	56	6	0	3	2	
SCOTTSBLUFF	90	58	98	55	74	3	0.06	-0.17	0.04	3.74	66	10.89	88	89	41	5	0	2	0	
VALENTINE	88	60	92	55	74	2	0.51	0.06	0.50	11.27	138	18.48	121	94	49	3	0	2	1	
NV ELY	80	50	90	46	65	-1	1.25	1.06	0.69	2.93	156	7.10	107	70	33	1	0	2	2	
LAS VEGAS	97	76	107	70	87	-2	0.00	-0.08	0.00	0.57	68	0.87	28	36	22	7	0	0	0	
RENO	90	58	94	56	74	4	0.00	-0.06	0.00	1.28	154	3.28	69	44	20	5	0	0	0	
WINNEMUCCA	89	50	94	44	69	-1	0.00	-0.07	0.00	0.68	60	4.60	86	45	20	4	0	0	0	
NH CONCORD	74	51	81	44	62	-6	1.45	0.75	1.27	14.93	169	32.74	139	97	54	0	0	2	1	
NJ NEWARK	81	66	86	63	73	-2	0.55	-0.30	0.40	11.23	101	34.58	113	77	53	0	0	2	0	
NM ALBUQUERQUE	87	63	92	58	75	-1	0.20	-0.19	0.20	4.98	155	5.99	102	64	26	3	0	1	0	
NY ALBANY	77	59	84	51	68	-1	0.72	-0.11	0.49	13.18	134	26.74	109	89	55	0	0	3	0	
BINGHAMTON	74	57	78	47	65	-1	2.05	1.30	0.94	13.27	138	28.62	116	94	71	0	0	4	2	
BUFFALO	78	62	81	57	70	1	0.00	-0.89	0.00	11.70	122	29.23	119	89	55	0	0	0	0	
ROCHESTER	77	60	81	50	68	-1	0.00	-0.81	0.00	11.88	136	24.87	117	91	67	0	0	0	0	
SYRACUSE	77	58	83	49	67	-2	1.03	0.25	0.83	11.41	112	28.79	116	95	66	0	0	3	1	
NC ASHEVILLE	87	65	90	61	76	4	0.10	-0.88	0.10	13.38	118	29.89	94	91	54	1	0	1	0	
CHARLOTTE	91	69	95	67	80	1	0.21	-0.60	0.21	10.90	110	33.69	118	91	46	6	0	1	0	
GREENSBORO	88	70	90	68	79	3	0.17	-0.61	0.17	8.38	79	25.87	91	90	58	2	0	1	0	
HATTERAS	86	74	91	72	80	1	0.88	-0.62	0.68	18.25	135	41.04	116	98	68	1	0	3	1	
RALEIGH	89	70	92	69	80	3	1.68	0.88	1.06	19.09	183	38.36	134	90	60	3	0	3	2	
WILMINGTON	92	74	95	71	83	3	3.04	1.43	1.60	23.25	127	42.50	112	96	55	6	0	5	3	
ND BISMARCK	82	62	88	56	72	3	1.37	0.91	0.90	7.89	116	12.08	98	94	66	0	0	4	1	
DICKINSON	77	58	87	54	67	-2	1.77	1.44	1.03	11.09	172	19.13	160	96	60	0	0	4	1	
FARGO	79	63	85	58	71	2	0.67	0.12	0.54	8.58	104	15.61	106	96	73	0	0	4	1	
GRAND FORKS	79	62	84	59	71	3	1.72	1.12	0.72	12.10	148	19.47	142	97	67	0	0	3	2	
JAMESTOWN	78	63	82	60	71	2	1.35	0.86	1.05	9.80	121	18.24	133	94	66	0	0	5	1	
WILLISTON	79	58	93	53	68	0	1.32	1.02	1.12	3.79	66	7.88	76	91	59	1	0	2	1	
OH AKRON-CANTON	82	64	86	60	73	3	2.00	1.20	1.10	18.66	182	35.29	138	87	62	0	0	4	2	
CINCINNATI	85	67	91	63	76	2	1.82	0.97	0.79	12.84	117	30.31	104	92	67	1	0	6	2	
CLEVELAND	81	65	85	59	73	3	1.27	0.44	0.48	14.44	145	30.84	126	91	63	0	0	5	0	
COLUMBUS	86	70	91	67	78	4	1.34	0.53	1.18	11.70	102	28.55	109	84	60	2	0	3	1	
DAYTON	86	68	90	66	77	5	1.96	1.18	1.17	9.52	90	27.59	102	91	58	1	0	3	2	
MANSFIELD	82	64	86	60	73	4	0.96	-0.09	0.63	12.76	106	29.09	101	98	60	0	0	4	1	

Weather Data for the Week Ending August 23, 2014

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS					
	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	TEMP. °F		PRECIP	
																		01 INCH OR MORE	50 INCH OR MORE		
OK TOLEDO	82	65	87	60	74	3	0.39	-0.35	0.33	7.34	84	21.19	98	96	62	0	0	2	0		
OK YOUNGSTOWN	81	62	85	56	72	4	2.99	2.25	1.52	14.03	135	29.12	118	93	58	0	0	4	2		
OK OKLAHOMA CITY	98	70	101	65	84	3	0.67	0.14	0.67	13.44	145	20.57	88	78	34	7	0	1	1		
OR TULSA	97	75	102	69	86	4	0.18	-0.44	0.18	10.08	106	18.52	69	78	47	6	0	1	0		
OR ASTORIA	70	55	77	52	63	2	0.01	-0.26	0.01	3.47	80	42.15	113	96	80	0	0	1	0		
OR BURNS	84	47	92	39	65	1	0.00	-0.08	0.00	1.07	80	6.03	89	93	30	3	0	0	0		
OR EUGENE	88	54	92	45	71	5	0.01	-0.21	0.01	1.89	71	22.60	78	82	51	4	0	1	0		
OR MEDFORD	92	60	99	55	76	4	0.05	-0.06	0.05	1.27	102	11.39	112	71	25	5	0	1	0		
OR PENDLETON	86	58	94	52	72	0	0.00	-0.11	0.00	1.49	98	7.96	102	63	39	3	0	0	0		
OR PORTLAND	84	61	91	54	73	4	0.00	-0.20	0.00	3.38	120	24.14	116	80	58	1	0	0	0		
OR SALEM	87	58	93	49	73	6	0.00	-0.15	0.00	1.38	59	22.37	100	75	50	2	0	0	0		
PA ALLENTOWN	81	60	85	51	70	-1	0.95	-0.01	0.49	11.57	102	33.86	116	85	57	0	0	5	0		
PA ERIE	78	62	83	56	70	-1	0.70	-0.28	0.41	10.91	105	27.14	109	86	65	0	0	2	0		
PA MIDDLETOWN	82	65	86	59	74	0	0.26	-0.46	0.17	11.75	120	33.39	127	88	58	0	0	3	0		
PA PHILADELPHIA	82	66	87	63	74	-2	0.33	-0.50	0.25	12.20	116	34.70	124	81	58	0	0	2	0		
PA PITTSBURGH	81	65	85	64	73	2	1.92	1.18	1.78	13.22	126	28.30	111	94	58	0	0	5	1		
PA WILKES-BARRE	79	61	86	53	70	0	1.26	0.59	0.71	8.16	83	20.86	87	89	55	0	0	4	1		
PA WILLIAMSPORT	79	61	83	55	70	-1	1.27	0.53	0.93	13.77	127	28.52	106	90	61	0	0	5	1		
RI PROVIDENCE	79	59	83	54	69	-3	0.03	-0.86	0.03	8.42	91	30.97	106	86	53	0	0	1	0		
SC BEAUFORT	96	76	100	74	86	6	0.00	-1.75	0.00	21.56	129	36.33	108	90	43	7	0	0	0		
SC CHARLESTON	96	77	99	75	87	7	0.34	-1.24	0.34	18.08	107	35.32	102	88	45	7	0	1	0		
SC COLUMBIA	96	73	100	68	85	5	0.00	-1.21	0.00	9.04	62	28.00	83	80	48	7	0	0	0		
SC GREENVILLE	91	70	93	67	80	3	0.40	-0.47	0.37	14.42	124	34.22	101	92	52	5	0	3	0		
SD ABERDEEN	82	59	87	55	70	0	3.87	3.34	2.84	8.92	108	14.35	95	100	68	0	0	5	2		
SD HURON	86	61	89	55	74	3	1.67	1.23	1.67	8.39	109	12.89	82	96	54	0	0	1	1		
SD RAPID CITY	82	60	89	56	71	0	0.21	-0.14	0.13	10.26	168	15.64	122	90	52	0	0	3	0		
SD SIOUX FALLS	86	66	90	61	76	5	1.07	0.39	1.03	17.72	207	22.68	130	94	64	1	0	2	1		
TN BRISTOL	85	67	89	63	76	3	2.04	1.42	1.12	12.33	119	24.33	85	94	58	0	0	6	1		
TN CHATTANOOGA	92	71	95	67	82	4	1.93	1.18	1.07	10.44	92	27.73	76	89	58	6	0	4	1		
TN KNOXVILLE	86	68	91	64	77	0	1.39	0.82	1.15	12.52	114	28.54	85	97	63	2	0	5	1		
TN MEMPHIS	94	76	99	72	85	4	0.13	-0.50	0.12	16.89	158	42.86	120	84	52	6	0	2	0		
TN NASHVILLE	91	72	96	70	81	3	1.39	0.69	0.68	11.76	116	33.58	106	95	58	5	0	5	1		
TX ABILENE	94	74	100	71	84	1	0.07	-0.55	0.07	6.28	97	10.27	71	75	46	6	0	1	0		
TX AMARILLO	94	68	97	64	81	5	0.00	-0.67	0.00	8.87	109	13.58	95	77	30	7	0	0	0		
TX AUSTIN	100	75	102	69	88	3	0.00	-0.52	0.00	3.73	50	15.55	74	84	49	7	0	0	0		
TX BEAUMONT	94	76	97	74	85	2	0.08	-0.99	0.08	19.56	130	32.01	85	95	55	7	0	1	0		
TX BROWNSVILLE	97	77	98	75	87	3	0.18	-0.51	0.18	2.47	39	7.80	55	94	51	7	0	1	0		
TX CORPUS CHRISTI	96	78	98	74	87	3	0.17	-0.66	0.17	3.19	41	10.29	56	91	51	7	0	1	0		
TX DEL RIO	99	76	103	73	88	3	0.03	-0.30	0.02	5.82	106	6.72	56	73	50	7	0	2	0		
TX EL PASO	91	69	95	64	80	-1	0.68	0.29	0.67	2.44	68	3.08	58	66	32	5	0	2	1		
TX FORT WORTH	96	77	100	70	86	2	2.83	2.40	2.83	8.18	119	15.51	69	78	44	7	0	1	1		
TX GALVESTON	92	82	93	79	87	3	0.00	-0.96	0.00	3.78	37	12.47	48	87	65	7	0	0	0		
TX HOUSTON	97	76	98	74	86	3	0.01	-0.88	0.01	7.97	72	27.04	91	95	52	7	0	1	0		
TX LUBBOCK	96	69	101	63	82	4	0.00	-0.54	0.00	5.56	83	11.69	95	75	40	7	0	0	0		
TX MIDLAND	95	72	98	68	84	4	0.45	0.08	0.45	1.58	33	4.74	53	70	41	7	0	1	0		
TX SAN ANGELO	93	73	99	71	83	2	0.60	0.12	0.28	3.71	76	11.98	95	82	51	5	0	3	0		
TX SAN ANTONIO	101	79	102	77	90	6	0.00	-0.59	0.00	8.71	108	16.06	78	79	31	7	0	0	0		
TX VICTORIA	100	79	101	75	90	6	0.00	-0.68	0.00	6.87	70	18.15	74	91	43	7	0	0	0		
TX WACO	98	76	101	74	87	2	0.25	-0.14	0.25	8.92	134	20.06	96	87	51	6	0	1	0		
TX WICHITA FALLS	101	74	104	70	87	4	0.00	-0.56	0.00	10.03	148	15.13	83	71	38	7	0	0	0		
UT SALT LAKE CITY	84	62	94	54	73	-2	0.77	0.62	0.31	3.27	166	9.74	91	71	28	2	0	4	0		
VT BURLINGTON	75	57	83	49	66	-2	0.27	-0.62	0.16	11.90	115	25.66	113	90	54	0	0	4	0		
VA LYNCHBURG	82	68	85	64	75	1	0.83	0.11	0.60	12.47	116	33.49	116	97	76	0	0	3	1		
VA NORFOLK	85	73	88	72	79	2	0.61	-0.43	0.61	12.78	102	32.41	104	89	62	0	0	1	1		
VA RICHMOND	87	70	92	67	78	2	0.80	-0.10	0.37	9.63	85	25.67	88	90	59	1	0	3	0		
VA ROANOKE	83	67	88	63	75	0	2.47	1.66	1.65	12.89	124	28.48	100	89	69	0	0	5	2		
WA WASH/DULLES	82	65	87	62	74	0	3.30	2.45	1.43	11.41	111	35.75	132	90	66	0	0	5	3		
WA OLYMPIA	80	52	86	45	66	3	0.00	-0.25	0.00	2.00	63	31.81	114	92	63	0	0	0	0		
WA QUILLAYUTE	69	51	74	47	60	1	0.00	-0.59	0.00	3.49	46	55.67	97	96	68	0	0	0	0		
WA SEATTLE-TACOMA	78	58	85	52	68	2	0.00	-0.23	0.00	2.91	102	29.47	145	79	63	0	0	0	0		
WA SPOKANE	82	59	91	54	71	2	0.53	0.39	0.41	2.60	109	10.01	99	77	34	1	0	2	0		
WA YAKIMA	89	57	95	49	73	5	0.35	0.27	0.18	0.59	58	3.51	74	70	40	3	0	2	0		
WV BECKLEY	79	64	82	61	71	2	3.01	2.30	1.68	10.37	91	27.29	94	94	70	0	0	6	2		
WV CHARLESTON	83	68	87	66	76	3	2.05	1.16	1.00	14.88	123	30.99	104	100	73	0	0	5	2		
WV ELKINS	80	62	83	59	71	3	0.67	-0.27	0.30	12.39	98	27.73	88	95	61	0	0	7	0		
WV HUNTINGTON	83	68	86	65	75	1	4.53	3.69	2.86	14.51	128	34.05	116	99	71	0	0	4	2		
WI EAU CLAIRE	80	65	86	58	72	3	0.87	-0.21	0.57	16.16	140	30.25	139	99	69	0	0	4	1		
WI GREEN BAY	76	60	84	52	68	1	1.86	1.00	1.03	8.79	92	19.45	102	98	75	0	0	4	1		
WI LA CROSSE	84	69	89	63	76	5	1.71	0.75	1.08	14.09	124	27.26	122	92	62	0	0	3	1		
WI MADISON	83	65	91	59	74	5	1.22	0.23	0.61	14.54	131	26.29	117	93	70	1	0	3	2		
WI MILWAUKEE	78	65	83	60	71	1	2.74	1.81	1.26	13.48	135	24.43	106	90	77	0	0	4	2		
WY CASPER	84	50	92	46	67	-1	0.19	0.06	0.15	3.25	99	8.01	86	75	31	1	0	2	0		
WY CHEYENNE	81	55	89	49	68	2	0.53	0.14	0.19	6.12	106	13.08	112	71	33	0	0	4	0		
WY LANDER	80	53	90	47	66	-3	0.35	0.24	0.18	2.35	99	6.53	72	72	25	1	0	4	0		
WY SHERIDAN	80	53	94	48	66	-2	0.77	0.61	0.41	4.10	114	10.91	108	82	48	1	0	4	0		

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

August 18 – 24, 2014

Weekly National Agricultural Summary provided by USDA/NASS

### HIGHLIGHTS

**Warmer weather arrived across most of the nation. Above-average temperatures were recorded in most locations, with the exception of New England and areas west of the Rocky Mountains. Parts of Kansas and Oklahoma noted average temperatures more than 6°F above**

**normal. Precipitation was widespread across the Corn Belt, with Hartford City, Indiana, recording more than 9 inches of precipitation during the week. In contrast, the lack of rainfall in southern Georgia and northern Florida increased concerns about dry conditions.**

**Corn:** Eighty-three percent of this year's corn crop was at or beyond the dough stage by week's end. This was 16 percentage points ahead of last year and 5 points ahead of the 5-year average. Nationwide, 35 percent of the corn crop was at or beyond the dent stage by August 24, fourteen percentage points ahead of last year but 8 points behind the 5-year average. Warmer weather on the Great Plains aided corn development, with denting progress advancing more than 20 percentage points in Kansas and Nebraska. However, denting progress remained behind the respective state 5-year averages in 14 of the 18 estimating states. Overall, 73 percent of the corn crop was reported in good to excellent condition, up slightly from last week and 14 percentage points better than the same time last year.

**Soybeans:** Ninety percent of the soybean crop was setting pods by August 24, eight percentage points ahead of last year and slightly ahead of the 5-year average. In Indiana, soybeans setting pods received much-needed moisture, but excess water and humidity in the fields contributed to increased sudden death syndrome and foliar lesions in certain counties. Overall, 70 percent of the soybean crop was reported in good to excellent condition, down slightly from last week but 12 percentage points better than the same time last year.

**Cotton:** By August 24, ninety percent of the cotton crop was setting bolls. This was slightly ahead of last year but 3 percentage points behind the 5-year average. Nationally, 19 percent of the cotton crop had open bolls by week's end, 9 percentage points ahead of last year and slightly ahead of the 5-year average. In Texas, cotton harvest made good progress in portions of the Coastal Bend. In parts of the Trans-Pecos region of Texas, cotton bolls continued to open. Overall, 51 percent of the cotton crop was reported in good to excellent condition, up slightly from last week and 4 percentage points better than the same time last year.

**Sorghum:** Nationally, 86 percent of the sorghum crop was at or beyond the heading stage by week's end, equal to last year but slightly ahead of the 5-year average. Fifty-two percent of the crop was coloring by August 24, nine percentage points ahead of last year and 8 points ahead of the 5-year average. On the Great Plains, warmer weather boosted crop development. By week's end, 34 percent of the crop had reached maturity, 6 percentage points ahead of last year and 7 points ahead of the

5-year average. Overall, 58 percent of the sorghum crop was reported in good to excellent condition, down slightly from last week but 2 percentage points better than the same time last year.

**Rice:** By week's end, 94 percent of the rice crop was at or beyond the heading stage. This was 4 percentage points ahead of last year and 5 points ahead of the 5-year average. Producers had harvested 11 percent of the nation's rice crop by August 24, two percentage points behind last year and 6 points behind the 5-year average. In Arkansas, rice producers continued to gradually terminate irrigation and started to drain fields in preparation for harvest. Overall, 74 percent of the rice crop was reported in good to excellent condition, unchanged from last week but 4 percentage points better than the same time last year.

**Other Small Grains:** Producers had harvested 74 percent of this year's oat crop by August 24, seven percentage points behind last year and 12 points behind the 5-year average. Oat harvest was more than 20 percentage points behind the 5-year state average in North Dakota and Wisconsin.

By week's end, 43 percent of the barley crop was harvested. This was 12 percentage points behind last year and 7 points behind the 5-year average. Rainfall in Idaho has increased reports of mold in small grains, decreasing crop quality in the state. Overall, 56 percent of the barley crop was reported in good to excellent condition, down 6 percentage points from last week and 10 points below the same time last year.

Twenty-seven percent of the spring wheat crop was harvested by August 24, twelve percentage points behind last year and 22 points behind the 5-year average. The spring wheat harvest remained more than 30 percentage points behind the state 5-year averages in Minnesota, North Dakota, and South Dakota. Overall, 66 percent of the spring wheat crop was reported in good to excellent condition, down 2 percentage points from last week and down slightly from the same time last year.

**Other Crops:** Overall, 64 percent of the peanut crop was reported in good to excellent condition, unchanged from last week but 6 percentage points above the same time last year. Peanut producers were starting to be concerned about the lack of rainfall in the southeastern U.S.

## Crop Progress and Condition

### Week Ending August 24, 2014

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

Corn Percent Dough				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
CO	65	53	69	63
IL	85	86	93	87
IN	74	72	82	81
IA	43	75	88	73
KS	85	79	88	90
KY	69	70	80	80
MI	64	49	64	69
MN	42	63	78	63
MO	84	91	94	88
NE	80	78	89	88
NC	99	91	94	98
ND	53	32	57	61
OH	78	68	82	80
PA	72	31	45	64
SD	77	59	83	73
TN	94	92	96	97
TX	87	89	90	89
WI	38	38	53	60
18 Sts	67	70	83	78
These 18 States planted 91% of last year's corn acreage.				

Corn Percent Dented				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
CO	15	5	13	18
IL	27	34	48	53
IN	20	29	41	39
IA	8	16	33	42
KS	34	30	51	59
KY	45	49	64	62
MI	13	6	13	24
MN	4	6	18	28
MO	47	52	67	66
NE	26	20	44	47
NC	92	78	86	92
ND	4	0	2	20
OH	20	16	27	34
PA	42	6	19	32
SD	16	5	13	27
TN	77	53	66	86
TX	70	77	78	75
WI	4	4	10	20
18 Sts	21	22	35	43
These 18 States planted 91% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	1	5	23	51	20
IL	1	3	14	52	30
IN	1	5	21	51	22
IA	2	5	18	51	24
KS	6	10	30	42	12
KY	5	13	23	47	12
MI	2	7	19	55	17
MN	1	5	23	58	13
MO	0	2	15	48	35
NE	3	6	20	51	20
NC	4	11	24	44	17
ND	1	4	17	56	22
OH	1	4	20	53	22
PA	1	3	16	47	33
SD	2	5	21	59	13
TN	0	4	19	53	24
TX	1	5	29	48	17
WI	3	8	21	47	21
18 Sts	2	5	20	52	21
Prev Wk	2	6	20	51	21
Prev Yr	4	10	27	44	15

Soybeans Percent Setting Pods				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
AR	88	87	94	91
IL	82	89	94	88
IN	87	90	94	87
IA	81	88	94	93
KS	70	63	78	75
KY	64	63	72	79
LA	97	94	97	98
MI	91	87	92	92
MN	83	85	92	92
MS	94	85	91	98
MO	63	70	82	73
NE	93	89	95	94
NC	52	54	69	67
ND	91	88	94	96
OH	91	80	91	92
SD	89	81	93	93
TN	75	75	84	87
WI	73	79	88	87
18 Sts	82	83	90	89
These 18 States planted 95% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	2	10	26	42	20
IL	1	3	18	55	23
IN	1	4	26	52	17
IA	2	5	20	51	22
KS	3	10	39	40	8
KY	4	11	27	47	11
LA	1	2	13	59	25
MI	3	8	26	50	13
MN	2	6	26	56	10
MS	0	4	17	52	27
MO	0	4	20	55	21
NE	2	5	22	53	18
NC	1	3	25	56	15
ND	1	4	20	59	16
OH	1	5	21	58	15
SD	2	5	22	57	14
TN	1	4	20	58	17
WI	1	6	24	49	20
18 Sts	2	5	23	52	18
Prev Wk	1	5	23	54	17
Prev Yr	3	10	29	46	12

Spring Wheat Percent Harvested				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
ID	66	23	41	42
MN	59	12	22	66
MT	34	23	35	34
ND	25	6	10	43
SD	72	35	57	87
WA	61	68	91	52
6 Sts	39	17	27	49
These 6 States planted 99% of last year's spring wheat acreage.				

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	3	12	48	34	3
MN	2	7	34	49	8
MT	1	4	39	47	9
ND	0	3	17	61	19
SD	0	4	28	57	11
WA	6	30	45	17	2
6 Sts	1	5	28	53	13
Prev Wk	1	5	26	54	14
Prev Yr	2	5	26	57	10

**Crop Progress and Condition**

**Week Ending August 24, 2014**

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

Cotton Percent Setting Bolls				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
AL	98	92	96	88
AZ	98	100	100	98
AR	100	99	100	100
CA	97	100	100	94
GA	84	98	99	95
KS	64	38	55	81
LA	100	97	100	100
MS	94	90	94	99
MO	93	87	94	97
NC	94	93	96	98
OK	88	88	89	83
SC	72	94	96	86
TN	89	89	92	97
TX	88	83	85	91
VA	100	95	97	97
15 Sts	89	88	90	93
These 15 States planted 98% of last year's cotton acreage.				

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
AL	3	4	9	15
AZ	40	40	50	45
AR	8	6	15	22
CA	14	17	19	12
GA	3	9	18	16
KS	2	6	11	8
LA	35	17	32	55
MS	4	5	15	27
MO	0	1	2	11
NC	2	5	7	13
OK	8	1	10	7
SC	0	0	10	9
TN	1	8	15	15
TX	13	16	23	17
VA	9	2	6	12
15 Sts	10	12	19	18
These 15 States planted 98% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	7	37	51	5
AZ	0	0	9	47	44
AR	0	6	22	48	24
CA	0	0	15	25	60
GA	1	10	31	46	12
KS	1	5	35	52	7
LA	0	1	8	67	24
MS	0	2	27	54	17
MO	0	3	36	58	3
NC	0	3	23	60	14
OK	1	5	35	56	3
SC	0	4	18	67	11
TN	1	6	24	56	13
TX	7	17	40	28	8
VA	0	0	1	96	3
15 Sts	4	12	33	40	11
Prev Wk	4	12	34	39	11
Prev Yr	8	12	33	39	8

Rice Percent Headed				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
AR	86	83	93	91
CA	94	89	90	69
LA	99	98	99	99
MS	83	93	96	96
MO	78	79	89	78
TX	100	97	100	98
6 Sts	90	88	94	89
These 6 States planted 100% of last year's rice acreage.				

Rice Percent Harvested				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
AR	2	0	1	8
CA	0	0	0	0
LA	60	28	46	58
MS	0	0	2	12
MO	0	0	0	2
TX	67	40	48	67
6 Sts	13	7	11	17
These 6 States planted 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	1	6	28	47	18
CA	0	0	15	65	20
LA	0	1	14	62	23
MS	0	0	14	58	28
MO	0	3	30	47	20
TX	0	3	43	47	7
6 Sts	0	3	23	55	19
Prev Wk	0	3	23	55	19
Prev Yr	0	4	26	41	29

Barley Percent Harvested				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
ID	70	30	41	47
MN	69	24	44	71
MT	69	38	51	45
ND	33	16	26	55
WA	58	65	93	50
5 Sts	55	31	43	50
These 5 States planted 77% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	9	15	35	39	2
MN	5	10	37	43	5
MT	0	4	42	42	12
ND	0	2	19	65	14
WA	5	18	54	23	0
5 Sts	3	7	34	47	9
Prev Wk	2	6	30	52	10
Prev Yr	1	4	29	53	13

## Crop Progress and Condition

### Week Ending August 24, 2014

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

Sorghum Percent Headed				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
AR	100	100	100	100
CO	62	50	74	79
IL	84	81	90	84
KS	84	64	80	81
LA	100	100	100	100
MO	82	92	97	86
NE	87	90	97	90
NM	29	33	45	51
OK	83	65	79	74
SD	97	89	95	94
TX	91	92	93	90
11 Sts	86	76	86	85
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Percent Coloring				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
AR	82	86	95	92
CO	30	20	25	38
IL	48	46	58	43
KS	15	10	22	21
LA	99	97	100	100
MO	25	47	60	38
NE	7	37	49	17
NM	5	0	3	8
OK	41	41	56	39
SD	29	19	41	38
TX	76	89	90	72
11 Sts	43	44	52	44
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Percent Mature				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
AR	25	27	49	56
CO	2	0	7	4
IL	0	0	0	2
KS	0	0	1	1
LA	87	82	95	93
MO	1	3	12	5
NE	0	0	0	0
NM	0	0	0	0
OK	4	1	9	10
SD	0	0	0	1
TX	66	83	84	64
11 Sts	28	31	34	27
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
AR	1	5	21	51	22
CO	3	20	47	29	1
IL	2	3	17	70	8
KS	3	10	33	45	9
LA	0	2	22	53	23
MO	0	3	25	59	13
NE	2	5	33	41	19
NM	0	0	35	60	5
OK	3	5	21	57	14
SD	0	1	13	81	5
TX	2	9	31	46	12
11 Sts	2	9	31	47	11
Prev Wk	2	8	31	48	11
Prev Yr	3	9	32	46	10

Oats Percent Harvested				
	Prev Year	Prev Week	Aug 24 2014	5-Yr Avg
IA	100	97	98	99
MN	77	67	75	83
NE	97	98	100	99
ND	46	15	28	53
OH	99	88	95	100
PA	94	71	79	94
SD	91	79	93	93
TX	100	100	100	100
WI	76	55	64	86
9 Sts	81	66	74	86
These 9 States planted 65% of last year's oat acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	12	44	36	8
FL	1	4	18	68	9
GA	1	8	30	49	12
NC	0	2	16	65	17
OK	0	0	40	54	6
SC	0	2	15	68	15
TX	1	10	33	49	7
VA	0	0	2	88	10
8 Sts	1	7	28	53	11
Prev Wk	1	7	28	53	11
Prev Yr	2	9	31	47	11

**Crop Progress and Condition**

**Week Ending August 24, 2014**

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

Pasture and Range Condition by Percent Week Ending Aug 24, 2014												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	1	17	29	48	5		NH	2	5	40	33	20
AZ	18	20	31	27	4		NJ	4	7	56	28	5
AR	1	14	26	47	12		NM	20	27	34	19	0
CA	30	45	10	5	10		NY	9	8	23	47	13
CO	6	21	27	38	8		NC	1	10	36	45	8
CT	0	9	48	43	0		ND	0	3	14	61	22
DE	2	9	40	45	4		OH	2	8	28	53	9
FL	1	3	28	59	9		OK	5	12	33	44	6
GA	1	11	45	39	4		OR	15	30	34	20	1
ID	1	7	41	41	10		PA	4	4	35	40	17
IL	2	6	27	51	14		RI	0	0	50	50	0
IN	3	9	32	45	11		SC	3	18	35	42	2
IA	3	10	31	48	8		SD	1	8	24	54	13
KS	8	17	42	31	2		TN	1	14	33	47	5
KY	5	15	34	40	6		TX	13	21	36	25	5
LA	0	6	28	54	12		UT	2	15	44	38	1
ME	0	0	21	68	11		VT	0	10	20	25	45
MD	1	8	18	49	24		VA	2	12	34	45	7
MA	0	0	10	85	5		WA	10	17	44	24	5
MI	4	12	32	42	10		WV	2	10	33	52	3
MN	3	9	25	50	13		WI	3	13	30	45	9
MS	1	8	26	52	13		WY	0	7	16	61	16
MO	4	16	44	30	6		48 Sts	6	14	32	40	8
MT	4	15	34	37	10							
NE	6	10	34	43	7		Prev Wk	6	14	32	40	8
NV	15	15	45	20	5		Prev Yr	13	18	28	34	7

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

NA - Not Available  
\* Revised

## State Agricultural Summaries

*These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Crop Progress and Condition Reports published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop reports are available on the Internet through the NASS Home Page on the World Wide Web at <http://www.nass.usda.gov>.*

**ALABAMA:** Days suitable for fieldwork was 6.3. Topsoil moisture 11% very short, 43% short, 44% adequate, 2% surplus. Subsoil moisture 10% very short, 42% short, 47% adequate, 1% surplus. Corn dented 97%, 94% last week, 83% 2013, 90% avg. Corn mature 55%, 45% last week, 36% 2013, 62% avg. Corn harvested 8%, 6% last week, 2% 2013, 14% avg. Corn condition 3% poor, 13% fair, 59% good, 25% excellent. Soybeans blooming 89%, 84% last week, 79% 2013, 91% avg. Soybeans setting pods 79%, 71% last week, 59% 2013, 73% avg. Soybeans dropping leaves 11%, 7% last week, 2% 2013, 8% avg. Soybeans condition 7% poor, 25% fair, 60% good, 8% excellent. Livestock condition 1% very poor, 8% poor, 20% fair, 61% good, 10% excellent. Pasture and range condition 1% very poor, 17% poor, 29% fair, 48% good, 5% excellent. The week's average mean temperatures ranged from 81.7 F in Muscle Shoals to 84.9 F in Montgomery; total precipitation ranged from 0.01 inches in Mobile to 1.67 inches in Montgomery. Showers moved across Alabama Monday and Tuesday bringing much needed moisture to some areas. The rain also kept maximum temperatures in the low 90's early in the week. However, temperatures moved into the upper 90's by the weekend and some areas hit the 100 degree mark. Only a few isolated showers were received through the weekend. The rain early in the week helped crop and livestock conditions to hold mostly unchanged from the previous week. Armyworms were still posing a problem in some pastures and hayfields.

**ALASKA:** Days suitable for fieldwork 4.0. Topsoil moisture 95% adequate, 5% surplus. Subsoil moisture 100% adequate. Barley ripe 10%. Oats turning color 10%. First cutting hay 95% complete. Second cutting hay 10% complete. Barley condition 20% fair, 40% good, 40% excellent. Oat condition 35% fair, 40% good, 25% excellent. All hay condition 25% fair, 60% good, 15% excellent. Potato condition 60% good, 40% excellent. Condition of pasture 15% fair, 70% good, 15% excellent. Wind and rain damage to crops 85% none, 10% light, 5% moderate. The main farm activities for the week were harvesting hay and vegetables, weed control, preparing for grain harvest, farm maintenance.

**ARIZONA:** Days suitable for field work 7.0 days. Topsoil moisture 1% very short, 35% short, 64% adequate and 0% surplus. Subsoil moisture 8% very short, 33% short, 59% adequate and 0% surplus. Arizona's alfalfa condition was rated in mostly excellent to fair condition, depending on location. Harvesting occurred on over three-quarters of the alfalfa acreage across the State. Seedless watermelons show movement this week. Range and pasture conditions have improved after monsoon rains provided moisture around the State, resulting in some late summer growth and filled stock tanks. Range and Pastures were rated in very poor to good condition, depending on location.

**ARKANSAS:** Days suitable for fieldwork 6.7. Topsoil moisture 8% very short, 47% short, 43% adequate, 2% surplus. Subsoil moisture 5% very short, 43% short, 50% adequate, 2% surplus. Corn reached 100% doughing, 99% last week, 99% last year, 100% 5-year average; 97% dented, 94% last week, 95% previous year, 98% 5-year average; 79% mature, 62% last week, 57% last year, 79% 5-year average; 7% harvested, 1% last week, 12% last year, 34% 5-year average. Corn condition 0% very poor, 7% poor, 21% fair, 49% good, and 23% excellent. Pasture condition 1% very poor, 14% poor, 26% fair, 47% good, 12% excellent. Livestock condition 1% very poor, 2% poor, 19% fair, 66% good, and 12% excellent. Most of the state received minimal rainfall last week. Producers continued to harvest crops as weather permitted.

**CALIFORNIA:** Days suitable for field work was 7 days. Topsoil moisture 50% very short, 25% short, 25% adequate, and 0% surplus. Subsoil moisture 40% very short, 45% short, 45% adequate and 0% surplus. There were generally mild conditions across the State with near seasonal temperatures for much of the week. Dry conditions prevailed for the northern regions of the State except for a few showers and thunderstorms across the Northern Coastal counties into the Northern Mountains. This resulted in light precipitation, generally less than a tenth of an inch for local areas. Monsoonal moisture impacted the southern part of the State producing a line of thunderstorms which resulted in periods of heavy rain for local areas. Local areas received around a half inch or more. Otherwise, precipitation amounts were light. San Diego County had some flash flooding due to the heavy downpours. Mild weather returned by the end of the week. Alfalfa was cut, dried, and baled. Second crop silage sorghum was making excellent progress. Cotton showed good growth, with fields in full bloom. The crop condition was 85% percent good or excellent. Growers wrapped up their last irrigations. Black-eyed peas were in various stages of development with some pods drying. Silage corn harvest continued. Sudan grass showed significant growth. Some fields that would normally be planted to a second crop were left fallow due to water issues. Grape harvest continued at a rapid pace. Some raisin grapes were laid down on trays in Tulare and Madera counties. Peaches, plums, nectarines, and plums continued to be picked, packed and shipped to both local and foreign markets. Late variety plum harvest was underway. Stone fruit export continued. Fruit quality and size are excellent. Asian, Bartlett, and Bosc pears were harvested and packed for export. Valencia orange harvest remained active, with exports going to Mexico and Hong Kong, and the majority going to the domestic market. Citrus groves were skirted and pruned for insect control. Citrus re-greening was an ongoing problem. Olives, figs, and kiwis continued to mature normally. Pomegranate harvest continued in Tulare County. In San Mateo County, apple trees were in full fruiting stages. Shaking for the Nonpareil almond continued in Tulare, Fresno, Kern, Sutter, and Yuba counties. Hull split is complete in some fields in Modesto, Kings, and Kern counties where harvest is now in full swing. In Sutter and Yuba counties, hull split continues. Growers are preparing for harvest. Walnuts are receiving husk fly sprays and a third codling moth spray in Fresno, Kings and Kern counties. Overall, walnuts maturation is 2 weeks ahead of schedule. In Kern and Kings counties, pistachios were experiencing some early pea splits, but no full-size nuts were splitting. There were scattered reports of spider mites on edges of orchards. Tomato harvest continued across the State including San Joaquin, Merced, Tulare, and Kings counties. Melons were harvested in Merced and Tulare counties. Cucumbers were harvested in Tulare and were ready for pickling in San Mateo County. In Tulare County, roadside stands were open for summer vegetables including green beans, squash, eggplant and sweet corn. In San Mateo County, there was a small amount of fusarium in pumpkins. Rangeland and non-irrigated pasture quality continued to deteriorate with conditions reported fair to poor with some very poor. Available water at the lower elevation continued to decline. Fire danger remained high throughout the State. Supplemental feeding of cattle continued as range quality declined. Bees continued to work alfalfa, melon, squash, and sunflower fields.

**COLORADO:** Days suitable for field work 5.5. Topsoil moisture 9% very short, 31% short, 56% adequate, 4% surplus. Subsoil moisture 17% very short, 31% short, 51% adequate, 1% surplus. Spring barley harvested 65%, 40% 2013, 49% avg.; condition 2%

very poor, 4% poor, 16% fair, 51% good, 27% excellent. Spring wheat coloring 88%, 99% 2013, 99% avg.; harvested 28%, 48% 2013, 34% avg.; condition 8% poor, 36% fair, 55% good, 1% excellent. Dry beans condition 40% fair, 46% good, 14% excellent. Onions harvested 4%, 6% 2013, 15% avg.; condition 1% poor, 14% fair, 66% good, 19% excellent. Potatoes fall inside SLV condition 6% very poor, 12% poor, 28% fair, 44% good, 10% excellent. Potatoes fall outside SLV harvested 20%, 28% 2013, 27% avg.; condition 1% poor, 17% fair, 73% good, 9% excellent. Sugarbeets condition 1% very poor, 3% poor, 18% fair, 55% good, 23% excellent. Sunflowers condition 3% very poor, 21% poor, 28% fair, 41% good, 7% excellent. Alfalfa 2nd cutting 93%, 96% 2013, 96% avg.; 3rd cutting 46%, 36% 2013, 38% avg.; condition 3% very poor, 10% poor, 24% fair, 46% good, 17% excellent. Livestock condition 1% poor, 19% fair, 66% good, 14% excellent. Widespread, isolated precipitation was received throughout most of Colorado with locally heavy rainfall reported in some cases. Producers had made good progress prior to the rain events which resulted in limited harvesting and cutting opportunities throughout a good portion of Colorado. Reporter comments indicate rainfall was beneficial for soil moisture supplies and enhancing conditions of pastures, crops and rangeland.

**DELAWARE:** Days suitable for fieldwork, 5.5. Topsoil moisture; 3% very short, 25% short, 69% adequate and 3% surplus. Apples condition; 3% very poor, 5% poor, 24% fair, 62% good, 6% excellent. Subsoil moisture; 3% very short, 19% short, 70% adequate and 8% surplus. Corn condition; 3% very poor, 5% poor, 23% fair, 56% good, 13% excellent. Pasture and Range Condition; 2% very poor, 9% poor, 40% fair, 45% good, and 4% excellent. Peaches condition; 4% very poor, 7% poor, 26% fair, 56% good, 7% excellent. Soybean condition; 1% very poor, 3% poor, 14% fair, 60% good, 22% excellent. Apples harvested; 26% this year, 39% last year, 39% five year average. Alfalfa 2nd cutting; 78% this year, 100% last year, 100% five year average. Alfalfa 3rd cutting; 59% this year, 82% last year, 79% five year average. Corn Dough; 82% this year, 97% last year, 94% five year average. Corn Dented; 43% this year, 60% last year, 68% five year average. Cantaloupe Harvested; 82% this year, 75% last year, 82% five year average. Cucumbers Harvested; 76% this year, 100% last year, 100% five year average. Other hay 2nd cutting; 80% this year, 100% last year, 100% five year average. Other hay 3rd cutting; 38% this year, 53% last year, 51% five year average. Soybean blooming; 90% this year, 83% last year, 89% five year average. Soybeans setting pods; 75% this year, 61% last year, 66% five year average. Soybeans fully podded; 8% this year, N/A last year, N/A five year average. Sweet Corn Harvested; 79% this year, 84% last year, 86% five year average. Tomatoes Harvested; 71% this year, 75% last year, 73% five year average. Watermelon Harvested; 81% this year, 84% last year, 86% five year average. Peaches harvested; 55% this year, 81% last year, 88% five year average. Hay and Roughage Supplies; 0% very short, 7% short, 76% adequate and 17% surplus. Potatoes harvested; 49% this year, 88% last year, 89% five year average. Snap Beans harvested; 72% this year, 82% last year, 82% five year average. Green Peas harvested; 65% this year, N/A last year, N/A five year average. Lima Beans harvested 22% this year, 51% last year, 60% five year average. Field activities for the week include cutting hay, and harvesting fruits and vegetables.

**FLORIDA:** Days suitable for field work; 6.7. Topsoil moisture, 1% very short, 15% short, 65% adequate, 19% surplus. Subsoil moisture 1% very short, 12% short, 68% adequate, 19% surplus. Haying continued in Panhandle, north, central Florida. Army worm damage decreased, but still a problem. Panhandle; seasonal production and fall harvest continued. Corn harvest complete in Jackson County, continued in Madison County. Extreme heat index made unsuitable working conditions across the State. Peanut condition; 1% very poor, 4% poor, 18% fair, 68% good, 9% excellent. Vegetable farmers in southwest Florida planting melons, tomatoes, peppers, squash. Vegetable crops being planted in Miami-Dade County; okra, boniato, bitter melon; harvested – okra, boniato, bitter melon, avocado,

longan, carambola. Pasture condition; 1% very poor, 3% poor, 28% fair, 59% good, 9% excellent. Cattle condition; 1% poor, 17% fair, 69% good, 13% excellent. Cattle, pasture conditions generally good. Cattle stressed due to high heat. Rainfall in citrus producing area widespread, generally heavy. All but one station received some precipitation, Kenansville (Osceola County) received the most at 1.62 inches. Daytime highs mid to upper 90s. Per U.S. Drought Monitor, Florida citrus producing area drought free. Next season's citrus crop progressing well. Growers, caretakers applying summer oils, fertilizing, irrigating, resetting new trees.

**GEORGIA:** Days suitable for fieldwork 6.2. Topsoil moisture 8% very short, 50% short, 37% adequate, 5% surplus. Subsoil moisture 10% very short, 42% short, 46% adequate, 2% surplus. Range and pasture condition 1% very poor, 11% poor, 45% fair, 39% good, 4% excellent. Corn condition 1% very poor, 6% poor, 28% fair, 54% good, 11% excellent. Corn harvested 56%, 30% 2013. Hay 3rd Cutting 8%, NA 2013. Sorghum condition 0% very poor, 4% poor, 42% fair, 49% good, 5% excellent. Sorghum harvested 9%, 14% 2013. Soybean condition 1% very poor, 6% poor, 28% fair, 60% good, 5% excellent. Tobacco harvested 63%, 78% 2013. Precipitation estimates for the state ranged from no rain inches up to 1.2 inches. Average high temperatures ranged from the low 90s to the high 90s. Average low temperatures ranged from the low 70s to the mid 70s.

**HAWAII:** Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 1% short, 99% adequate, 0% surplus. On August 19, the U.S. Drought Monitor reported that 0.61 percent of the State was abnormally dry or drier; unchanged from the previous week. The rainfall averaged 0.78 inches across the state. On Maui, pastures along the windward coastline and in the northwest areas of the islands were in fair to good condition and were able to supply a good amount of green forage. Pastures along the lower elevation areas of Kula, Pulehu and Kihei remained dry. Field activities continued last week with planting and harvesting of sugarcane and various field crops. On the Big Island, damaged trees in the Puna district have continued to fall over in some areas affected by the past storm. Pastures in windward areas are greener than normal for this time of the year. Daily rainfall received around the island reduced the need for irrigation.

**IDAHO:** Days suitable for field work 4.5 days. Topsoil moisture 1% very short, 25% short, 63% adequate, 11% surplus. Subsoil moisture 5% very short, 25% short, 68% adequate, 2% surplus. Winter wheat harvested 79%, 91% 2013, 76% avg. Barley harvested 41%, 70% 2013, 47% avg. Barley condition 9% very poor, 15% poor, 35% fair, 39% good, 3% excellent. Corn for silage harvested 4%, 1% 2013, 1% avg. Corn condition 15% fair, 83% good, 2% excellent. Dry beans harvested 3%, 4% 2013, 6% avg. Dry beans condition 2% poor, 30% fair, 65% good, 3% excellent. Dry peas harvested 64%, 68% 2013, 44% avg. Hay alfalfa second cutting 89%, 95% 2013, 93% avg. Hay alfalfa third cutting 51%, 51% 2013, 40% avg. Oats harvested 53%, 62% 2013, 54% avg. Potatoes harvested 3%, 2% 2013, 2% avg. Potatoes condition 1% very poor, 7% poor, 20% fair, 61% good, 11% excellent. Spring wheat harvested 41%, 66% 2013, 42% avg. Spring wheat condition 3% very poor, 12% poor, 48% fair, 34% good, 3% excellent. Irrigation water supply conditions 4% very poor, 7% poor, 26% fair, 53% good, 10% excellent. Pasture and range conditions 1% very poor, 7% poor, 41% fair, 41% good, 10% excellent. Precipitation was reported across the state with some areas reporting continued extreme levels of precipitation. Because of weather conditions field work and harvesting has been brought to a halt in some areas. The increased amount of precipitation resulted in some crop damage. Throughout the state there were reports of mold damage in wheat and alfalfa. Reports from the Magic Valley attributed mold found in bean crop to catastrophic weather conditions. Jefferson County respondent reports that premature sprouting in barely crop has degraded the quality from malting capabilities to feed only grade. In Power County reports of late blight

infestation have been spotted in potato crop. Extreme weather conditions have increased concern of economic losses for cereals, alfalfa, and beans. Some counties moved forward with a rain disaster declaration for producers.

**ILLINOIS:** Days suitable for fieldwork 4.4. Topsoil moisture 2% very short, 13% short, 76% adequate, 9% surplus. Subsoil moisture 2% very short, 21% short, 72% adequate, 5% surplus. Statewide precipitation averaged 1.41 inches, 0.74 inches above normal. Statewide temperature averaged 77.4 degrees, 3.9 degrees below average. Oats harvested 93%, 100% 2013, 98% avg. Widespread rain was received across Illinois last week with some areas of localized flooding in the southeast district.

**INDIANA:** Days suitable for fieldwork, 3.8. Topsoil moisture 1% very short, 14% short, 63% adequate, 22% surplus. Subsoil moisture 2% very short, 16% short, 68% adequate, 14% surplus. Corn mature 3%, 2013 0%, 5ya 5%. Soybeans dropping leaves 3%, 2013 0%, 5ya 3%. Alfalfa hay third cutting 69%, 2013 80%, 5ya 73%. Alfalfa hay fourth cutting 1%. Other hay third cutting 59%. By region, corn denting was 46% in South, 43% in Central, and 36% in North. By region, soybeans setting pods was 96% in North, 93% in Central, and 93% in South. Average temperatures for the week ending August 24 ranged from 73 to 80 degrees, and from 2 degrees to 8 degrees above normal. The lowest recorded temperature for the week was 58 degrees; the highest, 95 degrees. The statewide average temperature for the week was 76.4 degrees, 4.1 degrees above normal. Recorded precipitation ranged from 0.10 to 9.18 inches, with a statewide average of 2.37 inches. Significant but scattered rain for the week provided relief to some farmers while others experienced flooding and crop damage in various regions of the State. While soybeans setting pods received much needed moisture, excess water and humidity in the fields contributed increased SDS and foliar lesions in certain counties. Many farmers consider their corn too far along to benefit from increased rains. However, opportunities for cutting have been limited. Other activities for the week included spraying fields, hauling grain, and mowing roadsides.

**IOWA:** Days suitable for fieldwork 4.2. Topsoil moisture 4% very short, 19% short, 73% adequate, and 4% surplus. Subsoil moisture 4% very short, 21% short, 73% adequate, and 2% surplus. Alfalfa 3rd cutting 46%, 57% 2013, 64% average. All hay condition 1% very poor, 7% poor, 28% fair, 49% good, 15% excellent. Much-needed precipitation limited fieldwork across Iowa during the week. Above normal temperatures for the week aided crop development. Activities for the week included spraying for insects, baling hay, and hauling grain. Stress on livestock increased this week due to heat and flies.

**KANSAS:** Days suitable for fieldwork 6.2. Topsoil moisture supplies rated 15% very short, 36% short, 48% adequate, and 1% surplus. Subsoil moisture supplies rated 22% very short, 36% short, 48% adequate, and 1% surplus. Cotton squaring 95%, 92% 2013, 98% avg. Cotton Setting bolls 55%, 64% 2013, 81% avg. Cotton bolls opening 11%, 2% 2013, 8% avg. Sunflowers blooming 72%, 82% 2013, 81% avg. Sunflower conditions 3% very poor, 6% poor, 33% fair, 50% good 8% excellent. Hay alfalfa conditions 5% very poor, 12% poor, 39% fair, 37% good, 7% excellent. Hay alfalfa third cutting 83%, 76% 2013, 87% avg. Hay alfalfa fourth cutting 15%, 5% 2013, 15% avg. Stock water supplies were rated 8% very short, 18% short, 73% adequate, and 1% surplus. Average temperatures were four to eight degrees warmer than normal across Kansas. Northern tier counties received the most rain last week. While spotty rains in the southern half of Kansas left some farms dry. Row crops and pastures that have been missed by the recent rains are stressed. Many farmers were kept busy preparing wheat fields for fall seeding.

**KENTUCKY:** Days suitable fieldwork 5.1. Topsoil 9% very short, 25% short, 58% adequate, 8% surplus. Subsoil moisture 9% very short, 32% short, 54% adequate, 5% surplus. Precipitation averaged

1.85 inches, 1.01 inches above normal. Temperatures averaged 78 degrees, 3 degrees above normal. Corn milk 92%, 88% 2013, 94% average; mature 21%, 7% 2013, 25% average. Soybeans blooming 86%, 85% 2013, 94% average; turning color 15%. Tobacco blooming 91%, 86% 2013, 94% average; topped 74%, 69% 2013, 76% average; cut 27%, 25% 2013, 25% average. Tobacco set condition 2% very poor, 6% poor, 23% fair, 53% good, 16% excellent. Primary activities this week included harvesting hay and topping and cutting tobacco. High temperatures and humidity created heat stress conditions for livestock.

**LOUISIANA:** Days suitable for fieldwork, 5.7. Topsoil moisture 2% very short, 18% short, 58% adequate, 22% surplus. Subsoil moisture 3% very short, 12% short, 68% adequate, 17% surplus. Corn mature 94% this week, 87% last week, 100% last year, 100% average. Corn harvested 38% this week, 12% last week, 60% last year, 74% average. Corn condition 0% very poor, 0% poor, 10% fair, 66% good, 24% excellent. Sweet Potatoes harvested 11% this week, 5% last week, 3% last year, 2% average. Hay second cutting 93% this week, 89% last week, 96% last year, 90% average. Sugarcane planted 26% this week, 13% last week, 30% last year, 34% average. Sugarcane condition 2% very poor, 10% poor, 35% fair, 39% good, 14% excellent. Vegetables condition 2% very poor, 17% poor, 41% fair, 38% good, 2% excellent. Pasture condition 0% very poor, 6% poor, 28% fair, 54% good, 12% excellent. Livestock condition 0% very poor, 6% poor, 29% fair, 55% good, 10% excellent.

**MARYLAND:** Days suitable for fieldwork, 6. Topsoil moisture; 1% very short, 7% short, 89% adequate and 3% surplus. Subsoil moisture; 0% very short, 7% short, 93% adequate and 0% surplus. Apples condition; 0% very poor, 1% poor, 3% fair, 92% good, 4% excellent. Corn condition; 1% very poor, 2% poor, 9% fair, 57% good, 31% excellent. Pasture and Range Condition; 1% very poor, 8% poor, 18% fair, 49% good, and 24% excellent. Soybean condition; 0% very poor, 2% poor, 8% fair, 60% good, 30% excellent. Alfalfa 2nd cutting; 80% this year, 100% last year, 100% five year average. Alfalfa 3rd cutting; 78% this year, 67% last year, 80% five year average. Alfalfa 4th cutting; 40% this year, 12% last year, 16% five year average. Apples Harvested; 24% this year, 32% last year, 28% five year average. Corn Milk; 93% this year, 100% last year, 100% five year average. Corn Dough; 71% this year, 97% last year, 92% five year average. Corn dented; 28% this year, 45% last year, 57% five year average. Cantaloupe Harvested; 60% this year, 77% last year, 76% five year average. Cucumbers Harvested; 72% this year, 76% last year, 77% five year average. Green Peas harvested; 96% this year, 100% last year, 100% five year average. Lima Beans harvested; 38% this year, 64% last year, 56% five year average. Other hay 2nd cutting; 78% this year, 100% last year, 98% five year average. Other hay 3rd cutting; 24% this year, 31% last year, 34% five year average. Peaches Harvested; 58% this year, 84% last year, 84% five year average. Potatoes Harvested; 61% this year, 88% last year, 93% five year average. Snap Beans Harvested; 69% this year, 83% last year, 84% five year average. Soybean blooming; 95% this year, 89% last year, 93% five year average. Soybean setting pods; 83% this year, 70% last year, 77% five year average. Soybean fully podded; 14% this year, N/A last year, N/A five year average. Sweet Corn Harvested; 81% this year, 81% last year, 79% five year average. Tomatoes Harvested; 64% this year, 64% last year, 72% five year average. Watermelon Harvested; 69% this year, 69% last year, 67% five year average. Hay and Roughage Supplies; 0% very short, 17% short, 78% adequate and 5% surplus. Field activities for the week include cutting hay, planting, and applying fertilizer.

**MICHIGAN:** Days suitable for fieldwork 5.2. Topsoil moisture 9% very short, 19% short, 61% adequate, 11% surplus. Subsoil moisture 6% very short, 22% short, 64% adequate, 8% surplus. Dry edible beans setting pods 88%, 94% last year, 93% 5-year average. Dry edible beans condition 2% very poor, 3% poor, 21% fair, 55% good, 19% excellent. Oats harvested 68%. Barley harvested 75%. Alfalfa hay second cutting 95%. Alfalfa hay third cutting 42%. Other hay

second cutting 85%, other hay third cutting 25%. Precipitation for the week ending August 24 ranged between 0.45 inch and 3.14 inches in the Upper Peninsula and between 0.00 inch and 1.88 inches in the Lower Peninsula. Temperatures ranged from 40 degrees to 87 degrees, with a state average of 68.0 degrees Fahrenheit, 2.1 degrees above normal. Most regions of the state received adequate amount of much needed rain last week, but warmer temperatures are still needed for maturity of corn. Soybean crop was progressing well with minimal reports of insect and disease infestation. Wheat harvest was complete in most parts of the state, while oats and barley harvests were well underway. Alfalfa third cutting was wrapping up, although drying has been a challenge due to weather conditions. Field activities for the week were baling straw, spreading manure, combining small grains, and equipment maintenance. Corn condition was 72% good to excellent compared to 63% last year. Soybeans condition was 63% good to excellent compared to 59% last year. Harvest of early fall apple varieties like Earligold and Zestar continued. Apple development was 3 to 4 days ahead of earlier predictions. Bartlett pear harvest began. Tart cherry harvest neared completion in the northwest. Quality has been good throughout the harvest. Allstar, PF17, Loring, Coralstar, and Blushingtar were among peach varieties harvested. Japanese and early European plum varieties were picked. The peach and plum crops in the east region have been very light. The wine grape crop potential varies greatly among varieties. Fall raspberry harvest continued. The harvest of Jersey and Elliott blueberries continued. Supplemental irrigation was needed in the west central area, where dry conditions have caused fruit shriveling and mechanical harvesting difficulty. *Alternaria* fruit rot was present in many fields. Pumpkins continue to mature in the southwest region with some early planted fields beginning to turn orange. Sweet corn harvest has made good progress in the central region. Early harvest of potatoes for direct shipment out of the field has begun as well. Late blight is present in Montcalm County potatoes and remains a concern in most surrounding areas. Downy Mildew has been found in west central cucumbers and is now present in nine counties. Peppers, tomatoes, and melons are being harvested in the southeast region. Disease pressure remains high in vegetable crops across most of the state and fungicide applications have increased.

**MINNESOTA:** Days suitable for fieldwork 4.5. Topsoil moisture rated 3% very short, 19% short, 71% adequate, and 7% surplus. Subsoil moisture rated 2% very short, 17% short, 77% adequate, and 4% surplus. Widespread rains in Minnesota slowed small grains harvesting and the additional rains helped improve row crop and pasture conditions. Field activities for the week included tilling preventative planting acres for weed control, spraying for aphids, and preparing combines for harvest.

**MISSISSIPPI:** Days suitable for field work 6.6. Topsoil moisture 9% very short, 34% short, 53% adequate, 4% surplus. Subsoil moisture 5% very short, 32% short, 58% adequate, 5% surplus. Corn 99% dough this week, 97% last week, 100% 2013, 100% Avg. Corn 95% dented this week, 89% last week, 99% 2013, 99% Avg. Corn 72% mature this week, 60% last week, 76% 2013, 88% Avg. Corn 20% harvested this week, 9% last week, 13% 2013, 38% Avg. Corn condition was 0% very poor, 6% poor, 20% fair, 43% good, 31% excellent. Hay, second cutting, 86% cut this week, 83% last week, 86% 2013, 84% Avg. Hay condition was 0% very poor, 5% poor, 30% fair, 54% good, 11% excellent. Peanuts 98% pegging this week, 91% last week, 100% 2013, 100% Avg. Peanuts 4% dug this week, 0% last week, 4% 2013, 2% Avg. Peanuts 1% harvested this week, 0% last week, 3% 2013, 1% Avg. Peanuts condition was 0% very poor, 5% poor, 27% fair, 53% good, 15% excellent. Sorghum 100% headed this week, 95% last week, 100% 2013, 100% Avg. Sorghum 66% coloring this week, 55% last week, 64% 2013, 88% Avg. Sorghum 30% mature this week, 23% last week, 8% 2013, 54% Avg. Sorghum 1% harvested for grain or seed this week, 0% last week, 0% 2013, 9% Avg. Sorghum condition was 0% very poor, 10% poor, 27% fair, 44% good, 19% excellent. Sweet Potatoes 1% harvested

this week, 0% last week, 2% 2013, 2% Avg. Sweet potatoes condition was 0% very poor, 0% poor, 30% fair, 48% good, 22% excellent. Watermelon 96% harvested this week, 94% last week, 100% 2013, 100% Avg. Livestock condition was 0% very poor, 3% poor, 22% fair, 58% good, 17% excellent. Pasture and range condition was 1% very poor, 8% poor, 26% fair, 52% good, 13% excellent. Blueberries condition was 0% very poor, 1% poor, 30% fair, 64% good, 5% excellent. Rain was widespread throughout the state, with the east central region receiving an average of 1.14 inches.

**MISSOURI:** Days suitable for fieldwork 5.8. Topsoil moisture 9% very short, 29% short, 56% adequate, 7% surplus. Subsoil moisture 9% very short, 33% short, 55% adequate, 3% surplus. Hay and roughage supplies 7% short, 84% adequate, 9% surplus. Stock water supplies 3% very short 13% short, 79% adequate, 5% surplus. Temperatures averaged 81.5 degrees statewide, 5.5 degrees above normal. Rain averaged 0.14 inches statewide.

**MONTANA:** Days suitable for field work 3.4, 6.8 last year. Topsoil moisture 8% very short, 12% last year; 20% short, 39% last year; 52% adequate, 46% last year; 20% surplus, 3% last year. Subsoil moisture 5% very short, 12% last year; 24% short, 32% last year; 58% adequate, 53% last year; 13% surplus, 3% last year. Canola 93% turning, 99% last year. Canola 47% harvested, 59% last year. Corn for silage 1% harvested, 0% last year. Corn condition 0% very poor, 1% last year; 3% poor, 3% last year; 32% fair, 51% last year; 50% good, 33% last year; 15% excellent, 12% last year. Dry beans 21% harvested, 31% last year. Dry peas 76% harvested, 75% last year. Flaxseed 89% turning, 99% last year. Flaxseed 3% harvested, 18% last year. Alfalfa hay – 2nd cutting 72% harvested, 68% last year. Other hay – 2nd cutting 54% harvested, 47% last year. Lentils 51% harvested, 47% last year. Oats 96% turning, 99% last year. Oats 56% harvested, 46% last year. Oats condition 1% very poor, 5% last year; 2% poor, 9% last year; 41% fair, 40% last year; 50% good, 40% last year; 6% excellent, 6% last year. Sugar beets condition 1% very poor, 0% last year; 4% poor, 9% last year; 13% fair, 33% last year; 45% good, 44% last year; 37% excellent, 14% last year. Durum wheat 95% headed, 100% last year. Durum wheat 89% turning, 100% last year. Durum wheat 10% harvested, 9% last year. Durum wheat condition 4% very poor, 12% last year; 11% poor, 13% last year; 38% fair, 37% last year; 46% good, 35% last year; 1% excellent, 3% last year. Livestock moved from summer ranges – cattle and calves 2% moved, 6% last year. Livestock moved from summer ranges – sheep and lambs 7% moved, 9% last year. The week ending August 24 began warm and ended cold and wet for the state of Montana. Many stations received heavy precipitation from the storm system and Roundup received the highest amount of precipitation at 6.13 inches of moisture. The high temperatures for Montana ranged from the lower 80s to upper 90s. Low temperatures ranged from the lower 30s to lower 50s.

**NEBRASKA:** Days suitable for fieldwork 5.2. Topsoil moisture supplies rated 6% very short, 28% short, 64% adequate, and 2% surplus. Subsoil moisture supplies rated 11% very short, 31% short, 58% adequate, and 0% surplus. Hay alfalfa condition rated 2% very poor, 7% poor, 32% fair, 48% good and 11% excellent. Hay alfalfa 3rd cutting 82%, 76% 2013, 80% avg. Hay Alfalfa 4th cutting 2%, 2% 2013, 8% average. Dry bean conditions rated 3% very poor, 1% poor, 15% fair, 60% good, 21% excellent. Dry Beans blooming 95%. Dry Beans setting pods 89%, 95% 2013, 96% avg. Dry Beans dropping leaves 4%, 4% 2013, 2% avg. Stock water supplies rated 2% very short, 9% short, 88% adequate, and 1% surplus. Multiple rain events accumulated to an inch of moisture in many areas limiting irrigation needs and supporting dryland crops and pastures. Humid conditions slowed drydown of cut hay.

**NEVADA:** Days suitable for fieldwork 5.8. Topsoil Moisture 20% Very Short, 25% Short, 55% Adequate. Subsoil moisture 30% Very Short, 35% Short, 55% Adequate. Range conditions were 30 percent

poor to very poor and 70 percent fair to excellent. Alfalfa hay harvest remained active. Main farm and ranch activities included irrigation, hay harvest, weed and insect control, and livestock tending. Temperatures were above normal for most of the State. Las Vegas had a high of 100 degrees and Elko experienced a low of 40 degrees. Las Vegas was the only station that reached the 100 degree mark during the week. Ely received 1.28 inches of precipitation and Eureka accumulated 0.15 inches. The remaining stations experienced trace amounts of rainfall during this time. The central portion of the State experienced high scattered clouds during the middle and latter days of the week.

**NEW ENGLAND:** Days suitable for fieldwork, 6.0. Topsoil moisture; 1% very short, 9% short, 65% adequate and 25% surplus. Subsoil moisture; 1% very short, 6% short, 65% adequate, 28% surplus. Blueberries, wild condition (ME); 0% very poor, 5% poor, 1% fair, 74% good, 20% excellent. Blueberries, wild progress (ME); 57% harvested. Blueberries, tame condition; 0% very poor, 1% poor, 12% fair, 72% good, 15% excellent. Blueberries, tame progress; 79% harvested. Cranberries condition (MA); 0% very poor, 10% poor, 35% fair, 45% good, 10% excellent. Barley all condition (ME); 0% very poor, 0% poor, 0% fair, 35% good, 65% excellent. Barley all progress (ME); 40% harvested. Corn all condition; 0% very poor, 0% poor, 8% fair, 69% good, 23% excellent. Oats all condition (ME); 0% very poor, 0% poor, 0% fair, 20% good, 80% excellent. Hay all condition; 0% very poor, 0% poor, 11% fair, 61% good, 28% excellent. Hay all progress; 86% second cutting, 30% third cutting. Potatoes all condition; 0% very poor, 0% poor, 0% fair, 67% good, 33% excellent. Potatoes all progress; 22% harvested. Apples all condition; 1% very poor, 2% poor, 10% fair, 76% good, 11% excellent. Apples all progress; 7% harvested. Peaches all condition; 0% very poor, 3% poor, 27% fair, 69% good, 1% excellent. Peaches all progress; 51% harvested. Pears all condition; 6% very poor, 1% poor, 20% fair, 65% good, 8% excellent. Pears all progress; 5% harvested. Pasture and range; 0% very poor, 5% poor, 27% fair, 50% good, 18% excellent. Sweet corn all progress; 62% harvested. Sweet corn all condition; 0% very poor, 1% poor, 20% fair, 69% good, 10% excellent. CT Valley binder tobacco all condition; 11% very poor, 0% poor, 11% fair, 70% good, 8% excellent. CT Valley binder tobacco progress; 48% harvested. CT Valley shade tobacco all condition; 0% very poor, 0% poor, 2% fair, 98% good, 0% excellent. CT Valley shade tobacco progress; 69% harvested.

**NEW JERSEY:** Days suitable for fieldwork, 6.5. Topsoil moisture; 4% very short, 19% short, 69% adequate and 8% surplus. Subsoil moisture; 4% very short, 18% short, 65% adequate and 13% surplus. Bell Peppers all progress; 65% harvested. Corn all progress; 42% milk. Hay Alfalfa all progress; 92% second cutting, 17% third cutting. Other Hay all progress; 88% second cutting. Sweet Corn all progress; 65% harvested. Peaches all progress; 25% fruit set, 20% harvested. Apples all condition; 0% very poor, 3% poor, 43% fair, 50% good, 4% excellent. Corn all conditions; 1% very poor, 6% poor, 27% fair, 56% good, 10% excellent. Hay Alfalfa conditions; 1% very poor, 9% poor, 39% fair, 47% good, 4% excellent. Other Hay conditions; 0% very poor, 5% poor, 37% fair, 48% good, 10% excellent. Pasture and range conditions are; 4% very poor, 7% poor, 56% fair, 28% good, and 5% excellent. Soybeans all conditions; 0% very poor, 1% poor, 26% fair, 62% good, 11% excellent. The following crops are being planted: broccoli, cilantro, cauliflower kale, green onions, leeks, radishes and spinach. Harvesting continues with the following crops: arugula, acorn squash, butternut beans, beets, basil cabbage, cucumbers, cilantro, carrots, collards, squash, green and yellow summer squash, eggplant, green onions, sweet corn, spaghetti squash, summer dandelion, kale, leeks, methi, okra, parsley, peaches, peppers, radishes, Swiss chard, turnip, tomatoes and white potatoes. Several diseases are active in Mercer County. Disease scouting continues along with preventive spraying.

**NEW MEXICO:** Days suitable for fieldwork 6.7. Topsoil moisture 32% very short, 27% short, 39% adequate and 2% surplus. Subsoil

moisture 33% very short, 28% short, 38% adequate and 1% surplus. Alfalfa fourth cutting 82% complete, 69% 2013, 80% avg; fifth cutting 28% complete, 20% 2013, 30% avg; 4% very poor, 7% poor, 33% fair, 45% good and 11% excellent. Corn silking 94%, 92% 2013, 97% avg; dough 47%, 50% 2013, 50% avg; dented 25%, 16% 2013, 22% avg; harvested silage 13%, 10% 2013, 11% avg; 3% very poor, 4% poor, 25% fair, 38% good and 30% excellent. Cotton setting bolls 78%, 84% 2013, 74% avg; bolls opening 5%, 12% 2013, 11% avg; 5% poor, 51% fair, 25% good and 19% excellent. Peanuts pegging 75%, 80% 2013, 81% avg; 3% very poor, 21% poor, 68% fair and 8% good. Pecans 33% fair, 51% good and 16% excellent. Green chile harvested 35%, 25% 2013, 39% avg; 2% poor, 48% fair, 44% good and 6% excellent. Cattle 1% very poor, 4% poor, 53% fair, 39% good and 3% excellent. Sheep 20% very poor, 22% poor, 32% fair and 26% good. Monsoon moisture spread north into the area bringing increasing instability and scattered showers and thunderstorms. Temperatures were significantly cooler due to cloud cover. Precipitation highs were 0.99 inches at Grants, 0.62 inches at Animas and 0.48 inches at Socorro.

**NEW YORK:** Days suitable for fieldwork, 4. Topsoil moisture, 0% very short, 3% short, 58% adequate, and 39% surplus. Subsoil moisture, 0% very short, 3% short, 58% adequate, 39% surplus. Barley mature, 84% this week, 75% last week. Barley harvested, 55% this week, 25% last week. Cabbage harvested, 46% this week, 28% last week. Corn silking, 87% this week and 83% last week. Corn dough, 39% this week and 37% last week. Corn Dented is 9% this week, 6% last week. Corn Average Height is 86 inches this week and 81 inches last week. Hay alfalfa second cutting, 92% this week, 90% last week, 98% the previous year, and 97% average. Hay alfalfa third cutting, 53% this week and 45% last week, 48% the previous year. Hay other than alfalfa second cutting, 88% this week, 86% last week. Hay other than alfalfa third cutting, 42% this week, 36% last week. Oats harvested, 57% this week, 50% last week, 82% the previous year, and 79% average. Onions harvested, 25% this week, 15% last week, 22% previous year, 40% average. Potatoes harvested, 23% this week, 6% last week, 25% previous year, 34% average. Snap beans harvested, 54% this week, 36% last week, 52% previous year, 49% average. Soybeans blooming, 92% this week, 79% last week. Soybeans setting pods, 59% this week, 46% last week. Sweet Corn harvested, 59% this week, 43% last week, 53% the previous year, and 54% average. Winter wheat harvested, 96% this week, 94% last week, 100% last year and 100% average. Apples harvested, 22% this week, 8% last week, 21% last year, 16% average. Peaches harvested, 33% this week, 23% last week, 74% prior year, 75% average. Pears harvested, 33% this week, 14% last week, 44% prior year, 51% average. Barley condition, 0% very poor, 3% poor, 19% fair, 61% good, 17% excellent. Corn condition, 1% very poor, 4% poor, 18% fair, 49% good, 28% excellent. Hay alfalfa condition, 2% very poor, 4% poor, 19% fair, 55% good, 20% excellent. Hay other than alfalfa condition, 2% very poor, 7% poor, 23% fair, 50% good, 18% excellent. Oats condition, 0% very poor, 2% poor, 19% fair, 63% good, 16% excellent. Pasture and range condition, 9% very poor, 8% poor, 23% fair, 47% good, 13% excellent. Snap Beans condition, 7% very poor, 7% poor, 21% fair, 49% good, 16% excellent. Soybeans condition, 0% very poor, 5% poor, 17% fair, 55% good, 23% excellent. Winter wheat condition, 3% very poor, 10% poor, 25% fair, 47% good, 15% excellent. Field activities for the week include hauling and spreading manure, applying fertilizer, plowing and planting of fields, mowing and bailing hay, mowing pastures, spraying of trees, and fixing machinery.

**NORTH CAROLINA:** Days suitable for field work 5.6. Topsoil moisture 2% very short, 9% short, 77% adequate and 12% surplus. Subsoil moisture 1% very short, 12% short, 80% adequate and 7% surplus. The state continues to experience widespread showers with many areas receiving well over 1.0 of precipitation for the week. However, average temperatures jumped above normal with areas reporting 4 to 5 degrees above normal. Reported data for the week shows soybeans setting pods at 69%, slightly above the 5 year

average. Cotton setting bolls is almost complete at 96%. Reports for corn showed dough reported at 94%, dented at 86%, mature at 55% and harvested just getting started at 10%. The second cutting of hay showed 84% with 3rd cutting reported at 39%, peaches harvested at 82% and flue-cured tobacco harvest progressing well at 41%.

**NORTH DAKOTA:** Days suitable for fieldwork 3.4. Topsoil moisture 1% very short, 6% short, 72% adequate, 21% surplus. Subsoil moisture 1% very short, 6% short, 80% adequate, 13% surplus. Winter wheat mature 95%. Winter wheat harvested 40%. Winter wheat conditions 5% very poor, 15% poor, 30% fair, 44% good, 6% excellent. Durum wheat turning color 85%, 88% 2013, 86% average. Durum wheat mature 49%. Durum wheat harvested 9%, 11% 2013, 25% average. Durum wheat condition 0% very poor, 2% poor, 18% fair, 73% good, 7% excellent. Spring wheat turning color 94%, 94% 2013, 95% average. Spring wheat mature 63%. Barley mature 87%. Oats turning color 93%, 99% 2013, 96% average. Oats mature 74%. Oats condition 2% very poor, 2% poor, 12% fair, 71% good, 13% excellent. Canola turning color 92%, 87% 2013, 91% average. Canola harvested 8%, 11% 2013, 25% average. Canola condition 0% very poor, 2% poor, 12% fair, 67% good, 19% excellent. Flaxseed turning color 79%, 73% 2013, 80% average. Flaxseed harvested 1%, 2% 2013, 13% average. Flaxseed condition 0% very poor, 2% poor, 18% fair, 71% good, 9% excellent. Dry edible peas dropping leaves 86%. Dry edible peas harvested 35%, 59% 2013, 67% average. Dry edible peas condition 0% very poor, 4% poor, 20% fair, 65% good, 11% excellent. Dry beans setting pods 90%, 89% 2013, 96% average. Dry beans dropping leaves 28%, 0% 2013, 18% average. Dry beans condition 2% very poor, 6% poor, 24% fair, 57% good, 11% excellent. Potatoes rows filled 94%, 92% 2013, 98% average. Potatoes condition 2% very poor, 7% poor, 28% fair, 53% good, 10% excellent. Sugarbeet condition 1% very poor, 7% poor, 29% fair, 53% good, 10% excellent. Sunflowers blooming 92%, 86% 2013, 93% average. Sunflowers ray flowers dried 3%, 9% 2013, 22% average. Sunflower condition 0% very poor, 1% poor, 16% fair, 70% good, 13% excellent. Alfalfa 2nd cutting 66%, 88% 2013, 85% average. Alfalfa condition 1% very poor, 3% poor, 12% fair, 63% good, 21% excellent. Stock water supplies 0% very short, 2% short, 84% adequate, and 14% surplus. Heavy rainfall last week halted small grain harvest. Almost the entire state received at least an inch of moisture last week, with areas in the southwest reporting totals of 4 to 5 inches. The moisture was much needed for row crop development. However, flooding in localized areas caused losses of hay, fencing, and crops.

**OHIO:** Days suitable for fieldwork 5.1. Topsoil moisture 2% very short 21% short, 64% adequate, 13% surplus. Subsoil moisture 2% very short 19% short, 69% adequate, 10% surplus. Alfalfa hay third cutting 68%, NA 2013, NA Avg. Other hay second cutting 95%, NA 2013, NA avg. Other hay third cutting 53%, NA 2013, NA avg. Average temperatures recorded around the State ranged from 69 to 78 degrees or one degree below to eight degrees above normal. The lowest recorded temperature was 51 degrees and the highest was 91 degrees. The statewide average temperature for the week was 74.5 degrees, 4.2 degrees warmer than normal. Recorded precipitation ranged from 0.06 to 4.72 inches, with a statewide average of 1.52 inches. Rain combined with warmer than normal temperatures helped to improve the crop conditions this week. Oat harvesting continued this week, the percent harvested still trails the previous year and the five year average. Corn is progressing well, as the dough stage is ahead of both the previous year and five year average. Corn condition was 75% good to excellent compared to 80% at this time last year. Soybeans are progressing quickly as well, and soybean condition was 73% good to excellent compared to 74% at this time last year.

**OKLAHOMA:** Days suitable for fieldwork 6.4. Topsoil moisture 12% very short, 41% short, 45% adequate, 2% surplus. Subsoil moisture 25% very short, 42% short, 33% adequate, 0% surplus. Wheat seedbed prepared 27% this week, N/A% last week, N/A% last

year, N/A% average. Peanuts mature 11% this week, 1% last week, 9% last year, 4% average. Alfalfa condition 7% very poor, 13% poor, 35% fair, 40% good, 5% excellent; third cutting 88% this week, 82% last week, 92% last year, 81% average; fourth cutting 28% this week, 23% last week, 24% last year, 33% average. Other Hay 7% very poor, 14% poor, 38% fair, 37% good, 4% excellent; first cutting 96% this week, 94% last week, 100% last year, 100% average; second cutting 52% this week, 47% last week, 60% last year, 45% average. Watermelons harvested 80% this week, 55% last week, 85% last year, 88% average. Livestock condition 1% very poor, 3% poor, 25% fair, 60% good, 11% excellent. Pasture and range condition 5% very poor, 12% poor, 33% fair, 44% good, 6% excellent. High temperatures returned to the state last week. The summer heat continued to deplete topsoil and subsoil moisture in areas still behind normal rainfall for the growing season. Seedbed preparations for small grains were underway. Minimal rainfall was received which allowed for hay harvest to make significant progress with good yields and quality reported. Producers in the Southwest District continued to irrigate summer crops; however, more rainfall is needed for irrigation wells. Crop progress in some portions of the Southwest District was slowed due to the excessive heat. Temperatures for the week ranged from 58 degrees at Kenton on Sunday, August 24th to 105 degrees at Freedom on Sunday, August 24th. Precipitation ranged from little to none inches in the West Central District to 0.42 of an inch in the North Central District. Topsoil and subsoil moisture conditions were rated mostly adequate to short.

**OREGON:** Days suitable for field work 6.4 days. Topsoil Moisture 20% Very Short, 42% Short, 35% Adequate, 3% Surplus. Subsoil Moisture 20% Very Short, 42% Short, 37% Adequate, 1% Surplus. Range and Pasture 15% Very Poor, 30% Poor, 34% Fair, 20% Good, 1% Excellent. Winter Wheat Harvested 96%, 99% 2013, 93% avg. Spring Wheat Harvested 83%, 86% 2013, 81% avg. Hay 3rd cutting 63%, 26% 2013, 38% avg. Barley Harvested 90%, 80% 2013, 83% avg. Winter Wheat Harvest Almost Complete in Oregon. Days suitable for fieldwork were 6.4. Pasture and range conditions were reported to be 15% very poor, 30% poor, 34% fair, 20% good, and 1% excellent. In western Oregon the third cutting of alfalfa and red clover for seed harvest were well under way. Field corn for silage was growing well. Sweet corn continued to be harvested for canneries. Producers were harvesting pears and peaches. Apples were ripening slowly. Blueberry harvest was almost complete. Blackberry had a huge crop but the berries were smaller due to the hot weather. Sweet corn continued to be harvested for canneries. Tree fruit and vineyard crops continued to ripen much earlier than average. There was also a large tomato crop. Nurseries continued to irrigate new plantings. Pastures continued to dry-up. However, supplemental feed was keeping livestock in good shape. In eastern Oregon winter wheat harvest was nearly completed. Potato vines were being rolled in prep for harvest. Summer pear harvest continued.

**PENNSYLVANIA:** Days suitable for fieldwork 4.0. Topsoil moisture, 1% very short, 9% short, 77% adequate, and 13% surplus. Subsoil moisture, 1% very short, 8% short, 71% adequate, 20% surplus. Corn milk, 82% this week, 100% last year, 100% average. Corn Dough, 45% this week, 72% last year, 64% average. Corn Dent, 19% this week, 42% last year, 32% average. Oats mature, 93% this week, 99% last year, 96% average. Oats harvested, 79% this week, 94% last year, 94% average. Soybeans setting pods, 86% this week, 100% last year, 100% average. Hay alfalfa second cutting, 92% this week, 100% last year, 100% average. Hay alfalfa third cutting, 62% this week, 85% last year, 87% average. Hay alfalfa fourth cutting, 31% this week, 28% last year, 23% average. Hay other than alfalfa second cutting, 85% this week, 88% last year, 90% average. Hay other than alfalfa third cutting, 38% this week, n/a last year, n/a average. Apples Harvested, 20% this week, 35% last year, 36% average. Peaches Harvested, 55% this week, 86% last year, 85% average. Potatoes harvested, 23% this week, 22% last year, 24% average. Tobacco cut, 49% this week, n/a last year, n/a

average. Apples condition, 2% very poor, 6% poor, 18% fair, 49% good, 25% excellent. Corn condition, 1% very poor, 3% poor, 16% fair, 47% good, 33% excellent. Soybeans condition, 0% very poor, 1% poor, 14% fair, 59% good, 26% excellent. Quality of Hay Made, 4% very poor, 8% poor, 31% fair, 32% good, 25% excellent. Pasture condition, 4% very poor, 4% poor, 35% fair, 40% good, 17% excellent. Peaches condition, 2% very poor, 1% poor, 27% fair, 42% good, 28% excellent. Field activities for the week included haymaking, baling straw and spraying.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.6. Topsoil Moisture 4% very short, 25% short, 67% adequate, 4% surplus. Subsoil Moisture 5% very short, 24% short, 69% adequate, 2% surplus. Pasture and Range condition 3% very poor, 18% poor, 35% fair, 42% good, 2% excellent. Peanuts condition 0% very poor, 2% poor, 15% fair, 68% good, 15% excellent. Livestock condition 0% very poor, 3% poor, 34% fair, 60% good, 3% excellent. Soybeans condition 0% very poor, 5% poor, 20% fair, 66% good, 9% excellent. Corn condition 1% very poor, 6% poor, 28% fair, 54% good, 11% excellent. Corn Mature 88%, 91% 2013. Corn Harvested 34% 23% 2013. Peaches Harvested 96%, 95% 2013. Cantaloupes Harvested 98%, 98% 2013. Soybeans Blooming 96%, 72% 2013. Soybeans setting pods 50%, 26% 2013. Tobacco Harvested 88%, 75% 2013. The state average temperature for the seven-day period was five degrees above the long-term average. The state average rainfall for the seven-day period was 0.4 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 4.8. Topsoil moisture 1% very short, 16% short, 79% adequate, 4% surplus. Subsoil moisture 2% very short, 18% short, 76% adequate, 4% surplus. Spring wheat mature 92%, 97% 2013, 99% average. Barley mature 90%, 97% 2013, 97% average. Sunflower conditions 0% very poor, 1% poor, 35% fair, 60% good, 4% excellent. Sunflower blooming 84%, 88% 2013, 92% average. Ray flowers dry 2%, 7% 2013, 19% average. Alfalfa conditions 0% very poor, 9% poor, 21% fair, 50% good, 20% excellent. Alfalfa second cutting 90%, 96% 2013, 95% average. Alfalfa third cut 31%, 46% 2013, 47% average. Stock waters supplies 2% very short, 14% short, 81% adequate, 3% surplus. Rain and humid conditions across South Dakota slowed small grain harvest. Above average temperatures in the east aided row crop development.

**TENNESSEE:** Days suitable for fieldwork 5.0. Topsoil moisture 6% very short 24%, short, 65% adequate, 5% surplus. Subsoil moisture 6% very short, 25% short, 65% adequate, 4% surplus. Corn doughing, 96%, corn denting, 66%. Cotton 92% setting bolls, 15% bolls opening. Soybeans, 84% setting pods. Corn condition 4% poor, 19% fair, 53% good, 24% excellent. Cotton condition, 1% very poor, 6% poor, 24% fair, 56% good, 13% excellent. Soybean condition 1% very poor, 4% poor, 20% fair, 58% good, 17% excellent. Pasture and Range condition 1% very poor, 14% poor 33% fair, 47% good, 5% excellent. Other activities included preparation for corn harvest, start of tobacco harvest.

**TEXAS:** Days suitable for fieldwork 6.7. Topsoil moisture 32% very short, 45% short, 22% adequate, 1% surplus. Subsoil moisture 29% very short, 46% short, 24% adequate, 1% surplus. Corn mature 70%, 58% 2013, 62% avg. Corn harvested 46%, 51% 2013, 52% avg. Cotton squaring 100%, 99% 2013, 99% avg. Cotton harvested 6%, 4% 2013, 7% avg. Sorghum harvested 61%, 64% 2013, 55% avg. Soybeans dropping leaves 27%, 38% 2013, 48% avg. Peanuts pegging 99%, 100% 2013, 100% avg. Sunflowers harvested 45%, 13% 2013, 12% avg. Range and pasture condition 13% very poor, 21% poor, 36% fair, 25% good and 5% excellent. Hot and humid weather persisted across the state last week, with highs ranging between the high 90s and mid-100s. Most areas of the state received at least some measurable rainfall during the week. South East Texas and the Northern Plains received two or more inches of rainfall, while the Edwards Plateau, Trans-Pecos and South Central Texas received between one to four inches in isolated areas. Other areas within the

state received an inch or less of rainfall. Preparations continued for winter wheat seedings and small grain farmers were applying weed control in the Northern High Plains. Other activities included plowing and spreading of fertilizer. In areas of the Blacklands, corn continued to mature, while harvest was nearing completion in South Central Texas. Cotton harvest made good progress in areas of the Coastal Bend. In areas of the Trans-Pecos, cotton bolls continued to open. Sorghum harvest was active in many areas of the state. Sugarcane aphid infestation was reported in some areas of the Cross Timbers. Peanuts progressed in areas of the Southern High Plains, while many fields in areas of South Texas were setting pods. Producers in the Upper Coast made final preparations for rice harvest. Pecans remained in mostly good condition throughout the state. Irrigation was active in some pecan orchards. Fruit and vegetable production slowed in areas of North East Texas. Grasshoppers continued to be found in vegetable gardens. Showers helped green pastures and rangeland in many parts of the state, while some deteriorated due to lack of sufficient moisture. In areas of the Edwards Plateau, livestock herds were being thinned due to continued drought conditions. Supplemental feeding continued throughout the state, due to lack of sufficient nutrients being found in pastures.

**UTAH:** Days suitable for field work 4.4. Topsoil moisture 10% very short, 40% short, 48% adequate, 2% Surplus. Subsoil Moisture 15% very short, 43% short, 41% adequate, 1% surplus. Winter wheat harvested 94%, 93% 2013, 87% 5-yr avg. Barley harvested 70%, 82% 2013, 80% 5-yr avg. Barley condition 8% fair, 67% good, 25% excellent. Oats harvested 50%, 69% 2013, 61% 5-yr avg. Oats Condition 16% fair, 73% good, 11% excellent. Spring wheat harvested 60%, 81% 2013, 71% 5-yr avg. Spring wheat condition 4% poor, 19% fair, 56% good, 21% excellent. Alfalfa hay second cutting 98%, 97% 2013, 96% 5-yr avg. Alfalfa hay third cutting 32%, 45% 2013, 42% 5-yr avg. Corn Silked 92%, 96% 2013, 94% 5-yr avg. Corn Dough stage 33%, 49% 2013, 38% 5-yr avg. Apricots harvested 96%, 98% 2013, 99% 5-yr avg. Peaches harvested 34%, 29% 2013, 27% 5-yr avg. Cattle and calves condition 21% fair, 67% good, 12% excellent. Sheep and lamb condition 15% fair, 79% good, 6% excellent. Stock water supplies 7% very short, 34% short, 58% adequate, 1% surplus. Pasture and range condition 2% very poor, 15% poor, 44% fair, 38% good, 1% excellent. Frequent rain from thunderstorms in Box Elder County slowed field work towards the end of the week. Measureable precipitation has occurred there each of the last five days. Producers are struggling to get their third crop hay cut and dried. Corn continues to do well and most of it is now in the dough stage. Corn intended for silage should be ready to be put in silage pits in the next week or two. Grain corn farmers are expecting good yields as conditions have been very favorable to the crop. Wheat producers have the grain cut except for just a few scattered fields. Some dry land producers have planted fall wheat and have indicated that it has emerged. Safflowers are starting to dry down and we could see some being harvested in the next couple of weeks. The crop looks good for the most part. Onions are starting to mature. Peaches are being harvested. Wet, stormy weather also summarizes conditions in Cache County this past week. Growers were grateful for two or three dry days early in the week which allowed them to hasten the harvest of alfalfa hay and small grains. Pastures have greened up very nicely with the storms, so cattle and sheep are doing very well. Rain storms slowed up fall harvest in Carbon County. The rain has improved fall pastures but also caused some flash floods. A one inch rain shower in Iron County helped soil moisture and ranges, but also resulted in some rained on hay. Millard County has had some significant rain storms the last couple of weeks that helped with stock water and rangeland conditions. Rains spaced during the week in Rich County kept producers out of the fields. Ranges and pastures are in excellent condition. Cattle are being moved to higher elevations. Some parts of Uintah County received over two inches of rain in the past seven days. Recent rains in Weber County improved growing conditions, but damaged a lot of third crop alfalfa that was in the windrow.

**VIRGINIA:** Days suitable for fieldwork 5.0. Topsoil moisture 2% very short, 22% short, 66% adequate, 10% surplus. Subsoil moisture 3% very short, 24% short, 70% adequate, 3% surplus. Cotton 1% fair, 96% good, 3% excellent. Cotton setting bolls 97%, 100% 2013, 97% 5-yr avg. Cotton bolls opening 6%, 9% 2013, 12% 5-yr avg. Peanuts 2% fair, 88% good, 10% excellent. Corn 8% poor, 20% fair, 57% good, 15% excellent. Corn dough 85%, 84% 2013, 88% 5-yr avg. Corn dented 59%, 58% 2013, 66% 5-yr avg. Corn matured 18%, 16% 2013, 33% 5-yr avg. Corn harvested 0%, 2% 2013, 4% 5-yr avg. Corn silage harvested 25%, 27% 2013, 51% 5-yr avg. Soybeans 3% poor, 20% fair, 64% good, 13% excellent. Soybeans blooming 80%, 86% 2013, 90% 5-yr avg. Soybeans setting pods 52%, 61% 2013, 63% 5-yr avg. Flue-cured tobacco 3% very poor, 4% poor, 32% fair, 34% good, 27% excellent. Flue-cured tobacco harvested 26%, 38% 2013, 33% 5-yr avg. Fire-cured tobacco 1% very poor, 3% poor, 26% fair, 63% good, 7% excellent. Fire-cured tobacco cut 18%, 36% 2013, 41% 5-yr avg. Burley tobacco 1% very poor, 1% poor, 28% fair, 62% good, 8% excellent. Burley tobacco stripped 2%, 9% 2013, 7% 5-yr avg. Livestock condition 1% very poor, 4% poor, 21% fair, 58% good, 16% excellent. Pasture 2% very poor, 12% poor, 34% fair, 45% good, 7% excellent. Alfalfa hay 6% poor, 31% fair, 51% good, 12% excellent. Other hay 2% very poor, 13% poor, 38% fair, 42% good, 5% excellent. All apples 1% poor, 38% fair, 54% good, 7% excellent. All apples harvested 31%. Peaches harvested 77%, 85% 2013, 79% 5-yr avg. Virginia experienced scattered rain showers and seasonable temperatures this week. Most areas received one half of an inch to 3 inches of rain. The rain was timely for the crops, but slowed fieldwork and made drying cut hay difficult. Days suitable for fieldwork were 5.0. Farmers spent the week scouting crops for insect pressure and applying insecticides. The majority of soybeans and corn was in good condition. Corn harvested for silage was underway, but was behind schedule due to the rain. Corn harvested for grain was expected to begin in earnest in about 10 days; the corn needed more time to dry out before harvesting. Other farming activities included harvesting fruit and vegetables, selling local produce at Farmer Markets, and making seed purchases for small grains and cover crops.

**WASHINGTON:** Days suitable for fieldwork 5.8. Topsoil Moisture 19% Very Short, 36% Short, 44% Adequate and 1% Surplus. Subsoil Moisture 19% Very Short, 44% Short, 36% Adequate and 1% Surplus. Range and Pasture Conditions were 10% very poor, 17% poor, 44% fair, 24% good, and 5% excellent. Winter Wheat Harvested 96%, 89% PW, 89% PY and 82% 5YA. Spring Wheat Harvested 91%, 68% PW, 61% PY, and 52% 5YA. Barley Harvested 93%, 65% PW, 58% PY, and 50% 5YA. Potatoes Condition 0% Very Poor, 2% Poor, 27% Fair, 68% Good, 3% Excellent. Potatoes Harvested 32%, 25% PW, 33% PY, and 30% 5YA. Corn Condition 0% Very Poor, and 1% Poor, 32% Fair, 53% good, 14% Excellent. Corn Silked 95%, 90% PW, 90% PY, and 86% 5YA. Corn Dough 73%, 54% PW, 36% PY, and 24% 5YA. Corn Dent 13%, 4% PW, 13% PY, and 9% 5YA. Dry beans Condition 0% very Poor, 8% poor, 39% fair, 49% Good, and 4% Excellent. Dry Edible Beans 30%, NA PW, 29% PY 16% 5YA. Dry Pea Harvested 92%, 74% PW, 78% PY, 67% 5YA.. Alfalfa third cutting of hay 50%, 41% PW, 57% PY, and 48% 5YA. In Lincoln County winter wheat harvest was winding down in the northern portion of the county and winter wheat seeding started in the southern end and was estimated to be 10% complete. Asotin County received rain last week on Friday and Saturday. Soil moisture was good, but producers anticipated that a few days of hot dry weather are needed to dry out the remainder of the crops. In Klickitat County temperatures ranged from the 90s on Monday and into the low 60s by Sunday. Thunderstorms built up on Friday and Saturday bringing lightning and intense downpours of between .06 and .08 inch precipitation within minutes around the Goldendale-Centerville Valley area in the afternoon on both days. Also in Klickitat County peach harvest in the Maryhill Orchard district was about 60% complete with more split pits than in prior years due to adverse weather conditions. In vineyards grape varieties were between 80% and 100% of veraison. In Douglas County rain caused some flash flooding in areas affected by recent fires.

**WEST VIRGINIA:** Days suitable for fieldwork 5. Topsoil moisture was 23% short, 72% adequate, and 5% surplus compared to 2% short, 84% adequate, and 14% surplus last year. Subsoil moisture was 1% very short, 31% short, and 68% adequate, comparison data not available. Corn conditions were 3% very poor, 10% poor, 25% fair, 44% good, and 18% excellent. Corn was 90% silked, 90% in 2013, 5-year avg. not available. Corn was 68% doughing, 42% in 2013, and 58% 5-year avg. Corn was 19% dented, 2% in 2013, and 14% 5-year avg. Soybean conditions were 3% poor, 11% fair, and 86% good. Soybeans were 94% blooming, 93% in 2013, 5-year avg. not available. Soybeans were 81% setting pods, 67% in 2013, and 75% 5-year avg. Hay conditions were 1% very poor, 5% poor, 38% fair, 52% good, and 4% excellent. Hay second cutting was 64%, 35% in 2013, and 52% 5-year avg. Apple conditions were 2% very poor, 7% poor, 24% fair, 59% good, and 8% excellent. Apples were 14% harvested, comparison data not available. Peaches were 73% harvested, 52% in 2013, and 67% 5-year avg. Cattle and calves were 1% poor, 27% fair, 69% good, and 3% excellent. Sheep and lambs were 1% poor, 29% fair, 68% good, and 2% excellent. Farming activities included making hay, chopping corn, and harvesting peaches and apples. Heavy rains caused flooding in some areas of the State.

**WISCONSIN:** Days suitable for fieldwork 3.8. Topsoil moisture 1% very short, 17% short, 77% adequate and 5% surplus. Subsoil moisture 3% very short, 24% short, 69% adequate, and 4% surplus. Winter wheat harvested 93%, n.a. 2013, n.a. avg. Hay, alfalfa, third cutting 68%, 64% 2013, 74% avg; fourth cutting 9%, 3% 2013, 12% avg. Hay, all types, condition 4% poor, 15% fair, 59% good, 22% excellent. Potatoes harvested 6%, n.a. 2013, n.a. avg; condition 3% poor, 20% fair, 64% good, 13% excellent. Long-awaited rains finally arrived this week, with reporters noting 1.0 to 3.0 inches of precipitation across most of the state and higher totals in isolated areas. Multiple storm systems, morning fogs, and heavy dew slowed haying and small grains harvest but benefitted row crops. Topsoil moistures rose statewide, with 18 percent short to very short compared to 45 percent short to very short last week. Above normal temperatures and high humidity accelerated growth in hay, pasture, corn, and soybeans. However, reporters noted that weeds and mold were also appearing in response to damp conditions and that some fields had become too wet to enter. Additional heat units are still needed to make up for late plantings and slow growth throughout this unusually cool season. Across the reporting stations, average temperatures this week were 1 to 5 degrees above normal. Average high temperatures ranged from 76 to 84 degrees, while average low temperatures ranged from 60 to 69 degrees. Precipitation totals ranged from 0.87 inches in Eau Claire to 2.74 inches in Milwaukee.

**WYOMING:** Days suitable for fieldwork 5.6. Topsoil moisture 7% very short, 32% short, 58% adequate, 3% surplus. Subsoil moisture 7% very short, 31% short, 62% adequate, 0% surplus. Barley coloring 96%, 90% 2013, 94% 5-yr avg; mature 78%, 80% 2013, 82% 5-yr avg; harvested 38%, 61% 2013, 67% 5-yr avg; condition 2% fair, 66% good, 32% excellent. Oats coloring 89%, 77% 2013, 90% 5-yr avg; mature 68%, 63% 2013, 75% 5-yr avg; harvested 32%, 51% 2013, 55% 5-yr avg; condition 1% very poor, 1% poor, 3% fair, 86% good, 9% excellent. Spring wheat coloring 95%, 95% 2013, 95% 5-yr avg; mature 80%, 82% 2013, 84% 5-yr avg; harvested 53%, 61% 2013, 60% 5-yr avg; condition 8% fair, 82% good, 10% excellent. Sugarbeets condition 85% good, 15% excellent. Winter wheat harvested 92%, 97% 2013, 97% 5-yr avg. Corn silking 88%, 88% 2013, 88% 5-yr avg; dough 20%, 7% 2013, 22% 5-yr avg; condition 5% fair, 88% good, 7% excellent. Dry beans setting pods 73%, 83% 2013, 82% 5-yr avg; 14% coloring, 26% 2013, 33% 5-yr avg; condition 7% fair, 81% good, 12% excellent. Alfalfa hay 2nd cutting 75%, 80% 2013, 74% 5-yr avg. Livestock condition 19% fair, 65% good, 16% excellent. Pasture and Range condition 7% poor, 16% fair, 61% good, 16% excellent. Crop insect infestation 3% severe, 6% moderate, 48% light, 43% none. Irrigation water supplies 4% poor, 4% fair, 77% good, 15% excellent. Converse County reported the coolest temperatures of the season experienced in the mornings, fall is very close.

# International Weather and Crop Summary

August 17-23, 2014

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

## HIGHLIGHTS

**EUROPE:** Drier but cool weather allowed producers to resume fieldwork in central and northern Europe, while locally heavy showers persisted in southern crop areas.

**WESTERN FSU:** Hot, dry weather in Russia and parts of Ukraine promoted the final stages of winter wheat harvesting but stressed late-filling corn and sunflowers.

**EASTERN FSU:** Sunny, hot conditions accelerated spring wheat toward maturity and promoted early harvest efforts.

**MIDDLE EAST:** Scattered showers in Turkey provided supplemental moisture to filling summer crops.

**SOUTH ASIA:** Unseasonably dry weather prevailed across northern India and extended into Gujarat, lowering moisture reserves for late-planted kharif crops as well as the upcoming rabi season.

**EAST ASIA:** Spotty rainfall provided little relief to summer crops from prolonged dryness in northeastern China and on the North China Plain.

**SOUTHEAST ASIA:** Improved rainfall in the drier portions of Thailand boosted moisture supplies for rice.

**AUSTRALIA:** Showers benefited winter grains and oilseeds in the west and the east, while dry weather persisted in the south.

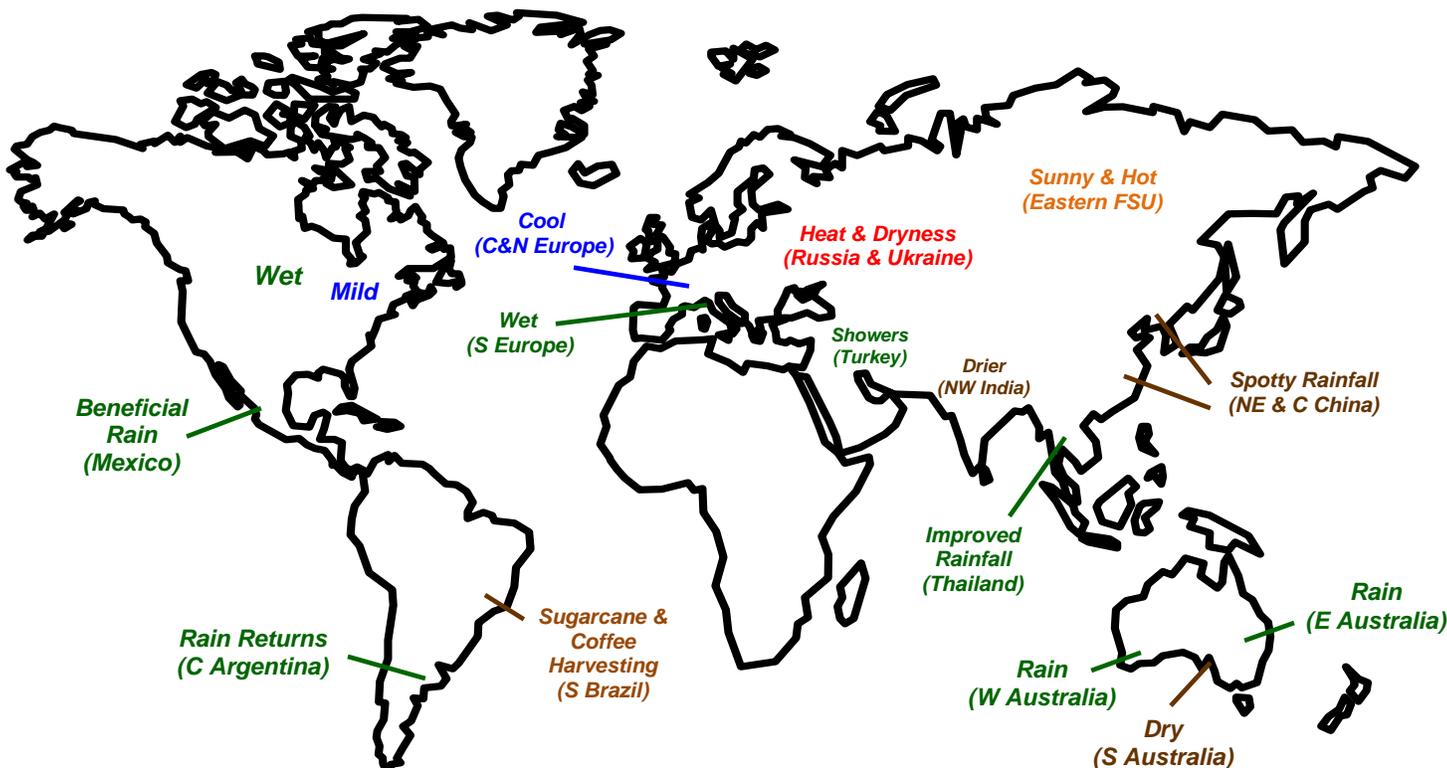
**ARGENTINA:** Rain increased moisture for winter grains in key southern production areas.

**BRAZIL:** Warmth and dryness favored wheat development and supported sugarcane and coffee harvesting.

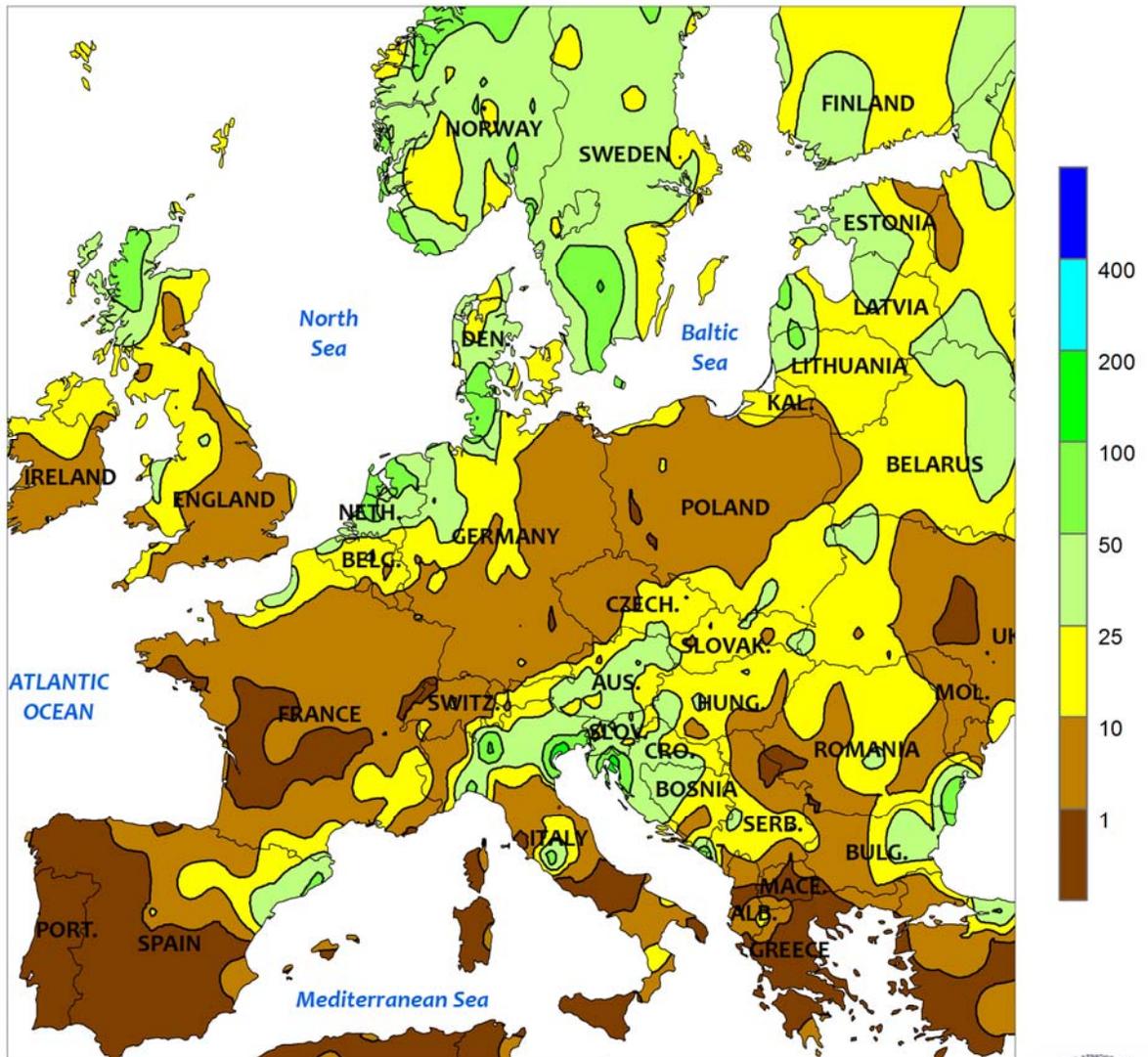
**MEXICO:** Beneficial rain continued in southern corn areas and northwestern watersheds.

**CANADIAN PRAIRIES:** Heavy rain disrupted early spring grain and oilseed harvesting.

**SOUTHEASTERN CANADA:** Mild weather maintained slow rates of corn and soybean growth.



EUROPE  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

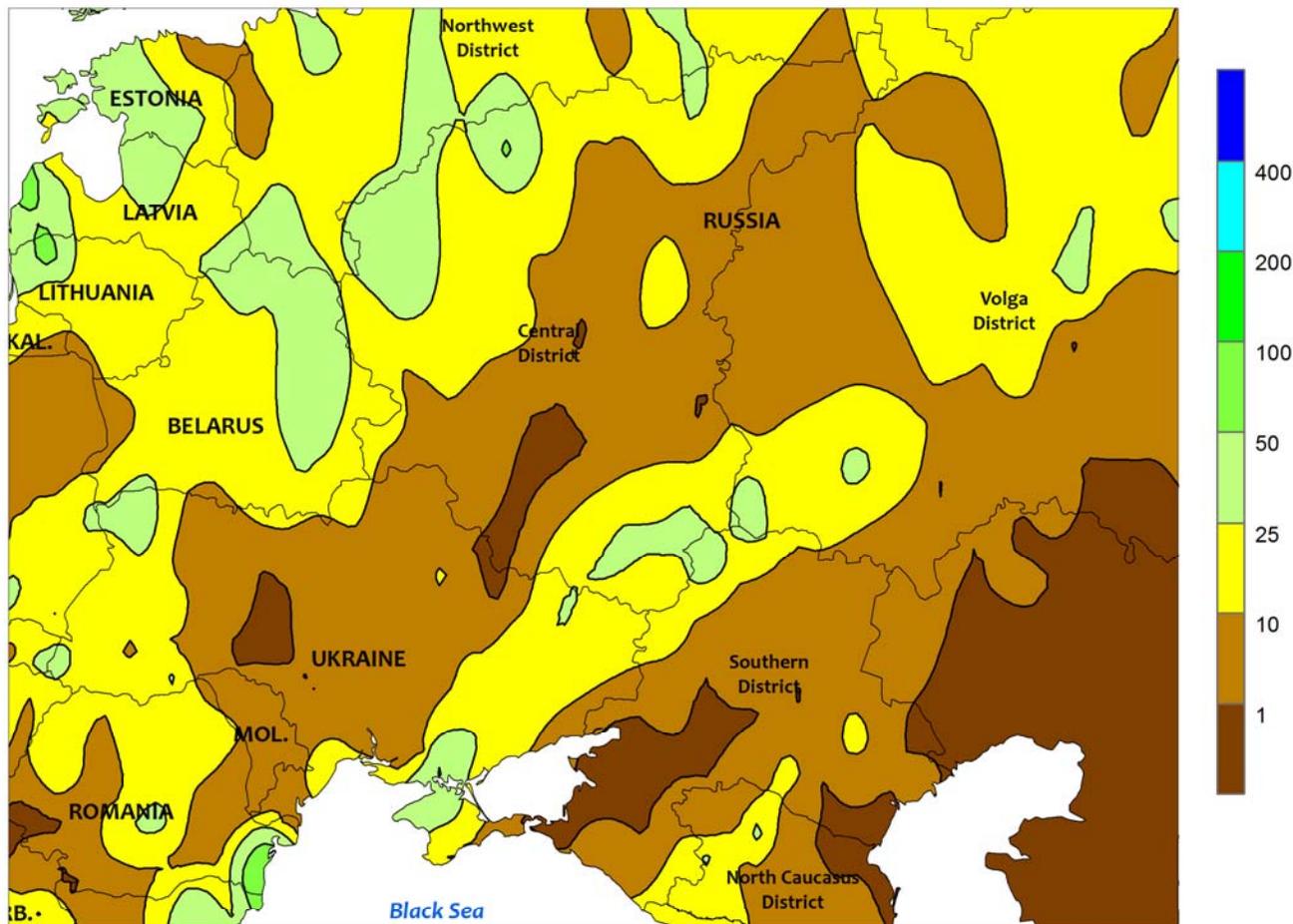


**EUROPE**

Drier weather promoted fieldwork in central and northern crop areas, while locally heavy rain in parts of southern Europe hampered summer crop drydown and harvesting. After weeks of nearly continuous rainfall, drier conditions (2-10 mm) returned to much of central and northern Europe. The break from the wet weather pattern allowed producers to resume small grain harvesting as well as winter grain and oilseed planting. However, there were still rain-induced fieldwork delays from northern-most portions of France into the Baltic States, where showers totaled 10 to 70 mm (locally more).

Meanwhile, a stationary front coupled with a developing area of low pressure resulted in moderate to heavy rainfall (25-100 mm, locally more) from northern Italy into the western and northern Balkans, which caused lowland flooding, delayed summer crop maturation, and slowed winter crop planting. However, an area of welcomed dryness in central portions of the Danube River Valley promoted summer crop maturation and harvesting. The recent cool trend continued over much of Europe, with temperatures averaging 2 to 5°C below normal across much of the continent.

WESTERN FSU  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

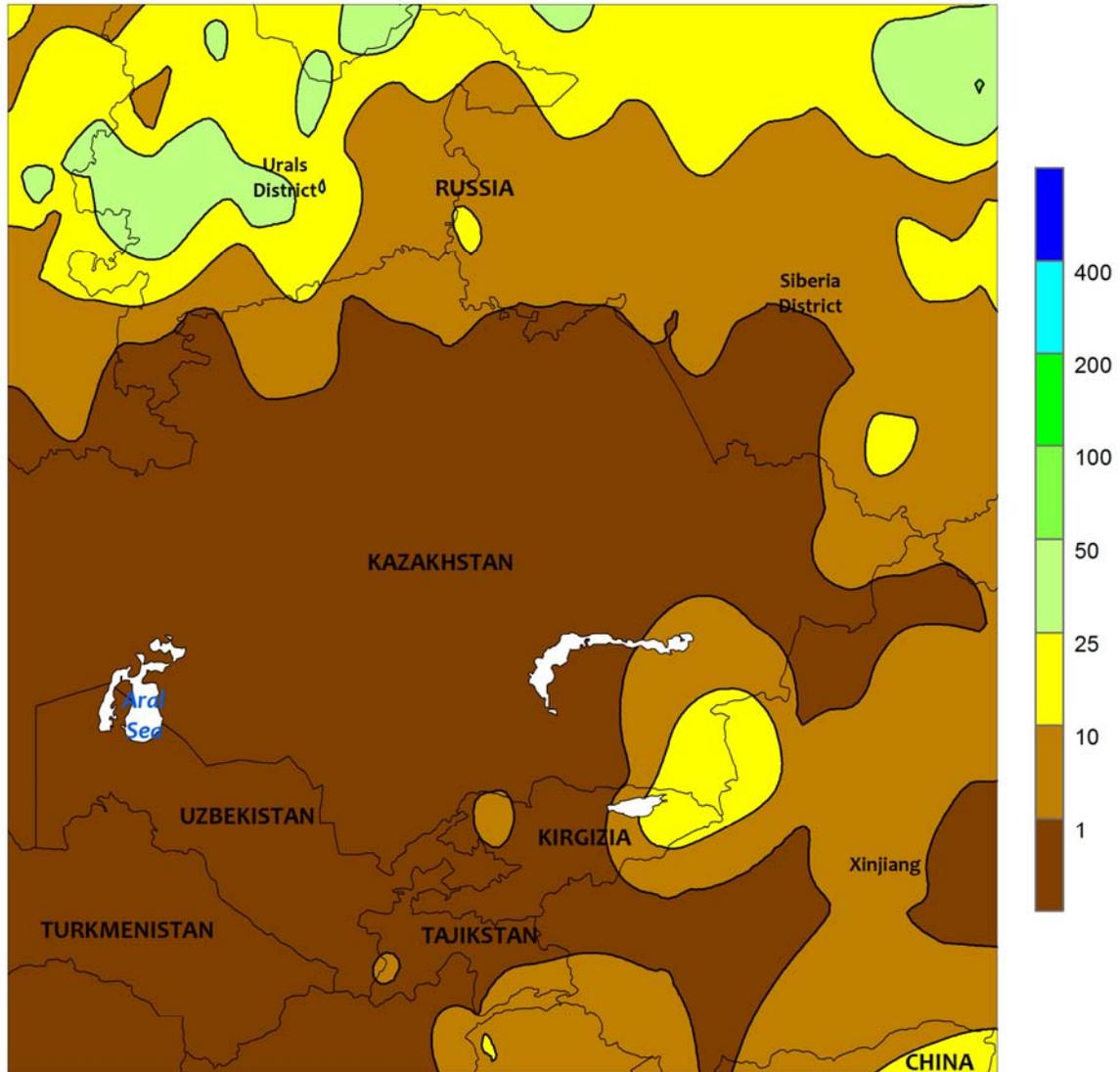


**WESTERN FSU**

Hot, mostly dry weather prevailed in southwestern Russia, while showers developed over central and northern portions of the region. The heat and dryness were most pronounced in the Rostov Oblast, located in west-central portions of Russia's Southern District, where highs in excess of 35°C (locally as high as 39°C) and scant rainfall (2 mm or less) stressed late-filling corn and sunflowers. Early-week heat also impacted late-filling summer crops in central and eastern Ukraine, though showers and thunderstorms (2-30 mm) associated with a cold front improved soil moisture for winter wheat planting and

establishment and lowered temperatures to more seasonable levels. Despite the showers, localized dryness in north-central Ukraine coupled with early- to mid-August heat further lowered yield prospects for filling corn. In contrast, wet weather in Belarus (10-35 mm) maintained abundant soil moisture for filling small grains, though producers need drier weather for winter crop planting. Elsewhere, generally dry weather in Moldova promoted corn harvesting following a favorable growing campaign, while heat and dryness in the southeastern Volga District lowered prospects for filling spring wheat.

EASTERN FSU  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

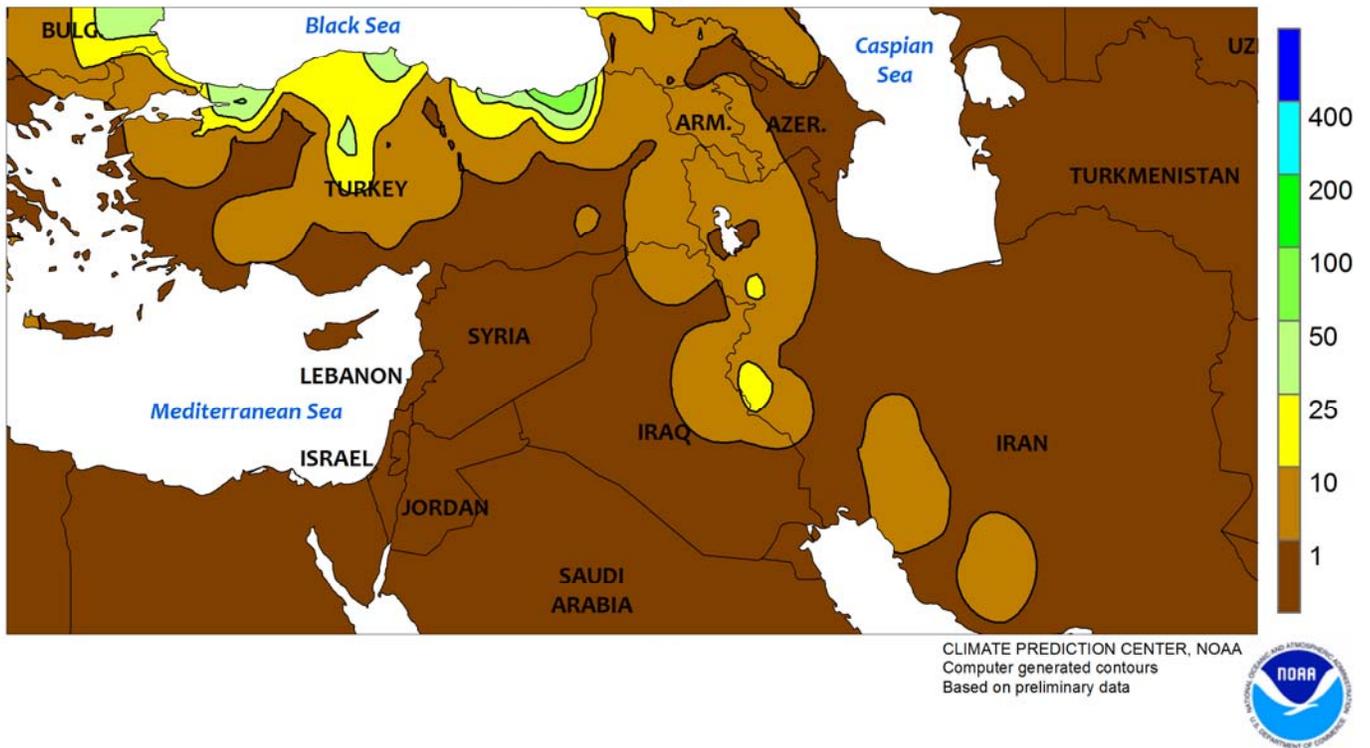


**EASTERN FSU**

Sunny skies and intensifying heat accelerated crops toward maturity in the north, while seasonably dry conditions prevailed in southern cotton areas. Across south-central Russia and northern Kazakhstan, some of the hottest weather of the season (31-37°C) accelerated spring wheat toward maturity and facilitated early harvesting. Wheat yields were

likely unaffected by the recent heat, as crops were well beyond the temperature-sensitive flowering to early grain fill stages. Farther south, seasonably sunny skies promoted the development of irrigated cotton in Uzbekistan, Turkmenistan, and Tajikistan. Producers in these areas typically begin cotton harvesting in September.

MIDDLE EAST  
Total Precipitation (mm)  
AUG 17 - 23, 2014

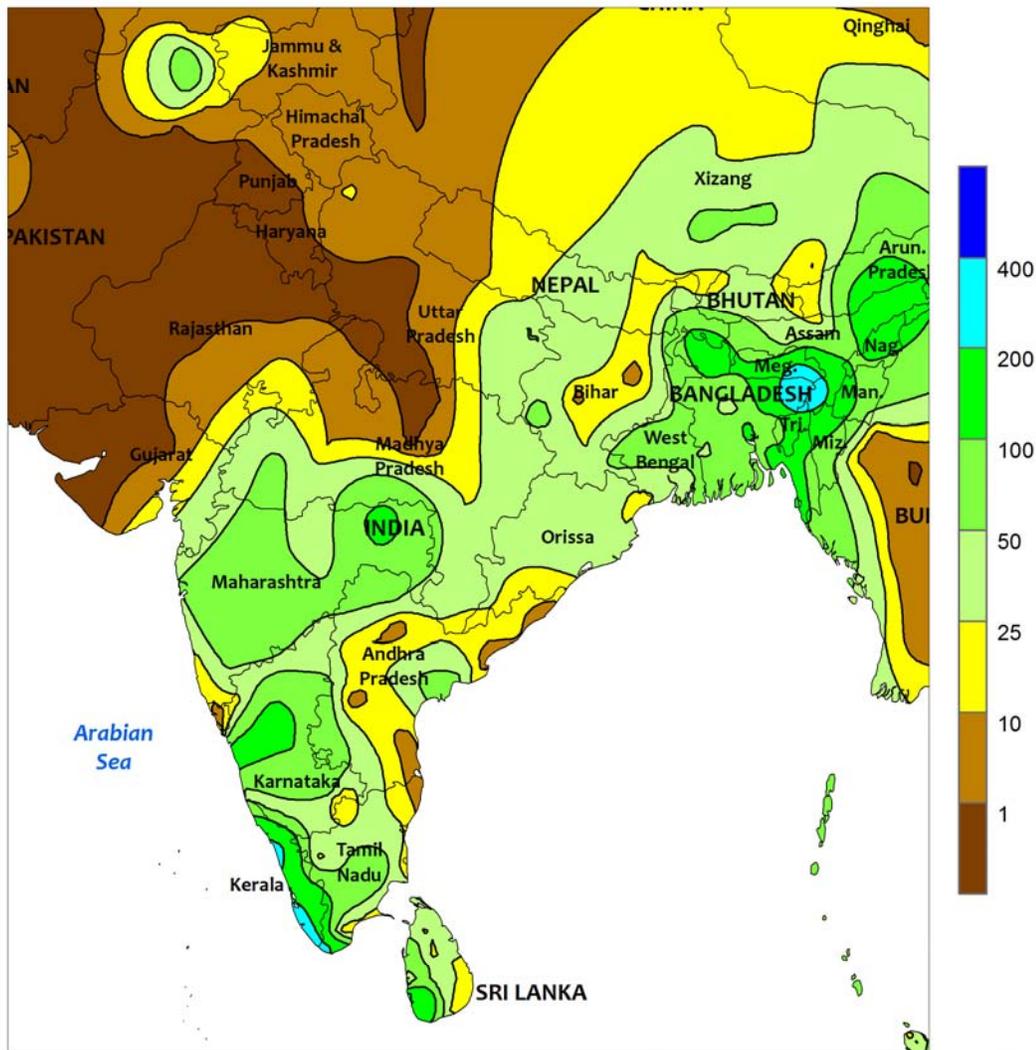


MIDDLE EAST

Unseasonable showers returned to Turkey, while dry weather continued from Syria into Iran. A dissipating upper-air disturbance generated light to moderate showers (4-30 mm, locally more) across central and northern Turkey, providing late-season moisture for filling summer

crops while conditioning soils for upcoming winter wheat planting (typically commences in mid-September). Across the remainder of the Middle East, sunny skies sustained irrigation demands for filling summer crops and promoted seasonal fieldwork.

SOUTH ASIA  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



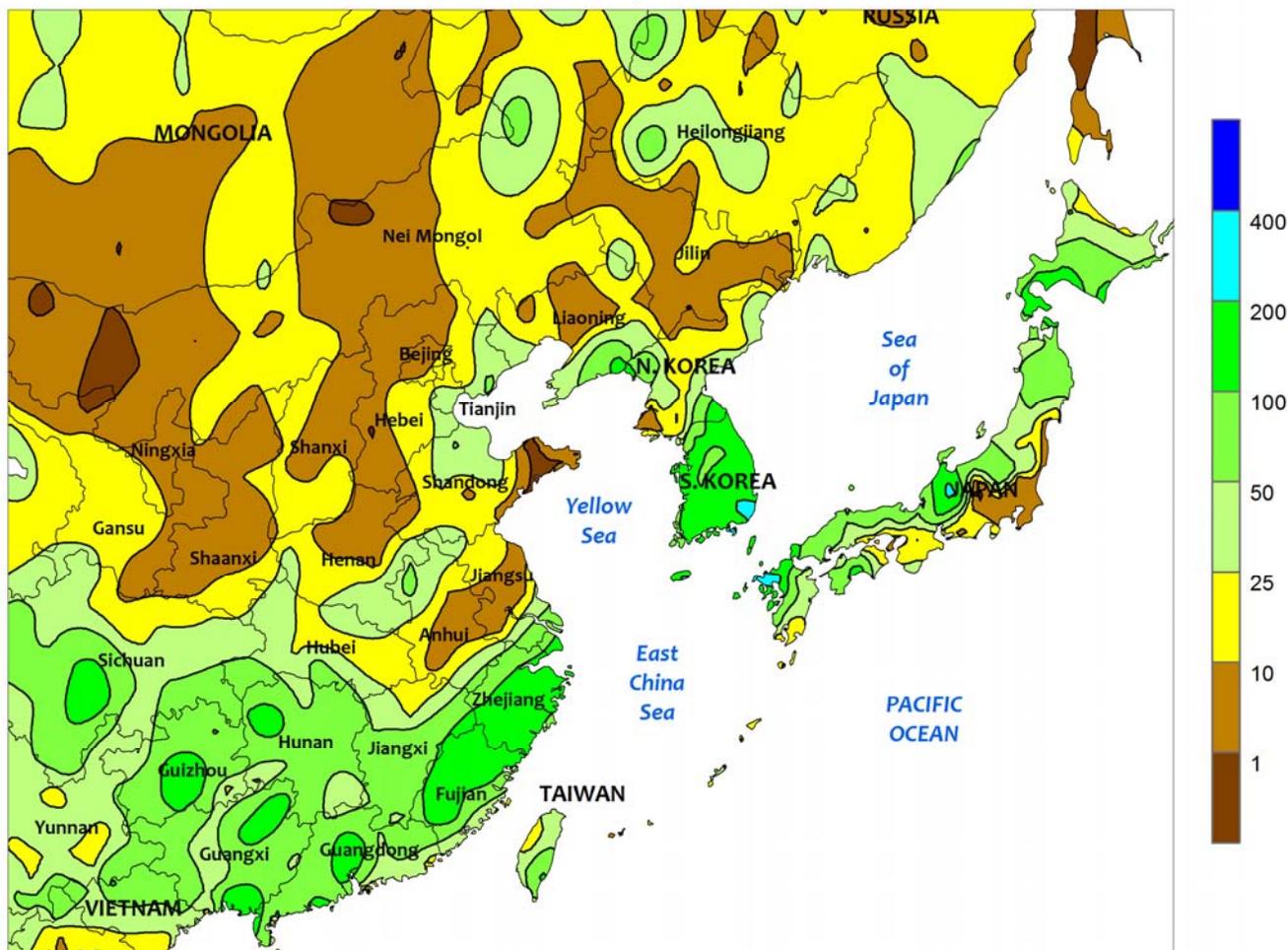
**SOUTH ASIA**

Little, if any, rainfall occurred in the northern extents of India, but there were no indications of an early monsoon withdrawal. Additional rainfall is sorely needed to boost irrigation supplies for the upcoming rabi season. Drier-than-normal weather was reported in Punjab, Haryana, Rajasthan, and most of Uttar Pradesh, which are all significant producers of rabi wheat and rapeseed. Dry weather also occurred in Gujarat, continuing the trend of dryness that became established earlier in the month and followed a beneficial surge of monsoon showers in July. The dryness in Gujarat is particularly untimely due to the lateness of cotton planting caused by the slow start to the monsoon. Soybeans in Madhya Pradesh, however, benefited from a break in heavy monsoon showers, but rainfall will eventually be needed to prevent soil moisture from being depleted for a late-planted crop. In contrast to the drier

weather farther north, showers returned to groundnuts, cotton, and soybeans in Maharashtra, averaging nearly 90 mm for the week and boosting seasonal rainfall to near-normal levels. Meanwhile in eastern India, beneficial showers (25-50 mm or more) were prevalent in Bihar, Jharkhand (formerly southern Bihar), and West Bengal, maintaining near-normal seasonal rainfall for rice. Elsewhere in the region, mostly dry weather benefited the heavily irrigated cotton and rice crops of Pakistan, with little indication of near-seasonal flooding that has consistently occurred at this time of year. In Bangladesh, rainfall (50-100 mm) maintained adequate moisture supplies and seasonal totals have been similar to last year. Heavy showers (100-200 mm) continued in summer (yala) rice areas of Sri Lanka, with seasonal rainfall totals near the short-term (10-year) average.

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EASTERN ASIA  
 Total Precipitation (mm)  
 AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
 Computer generated contours  
 Based on preliminary data

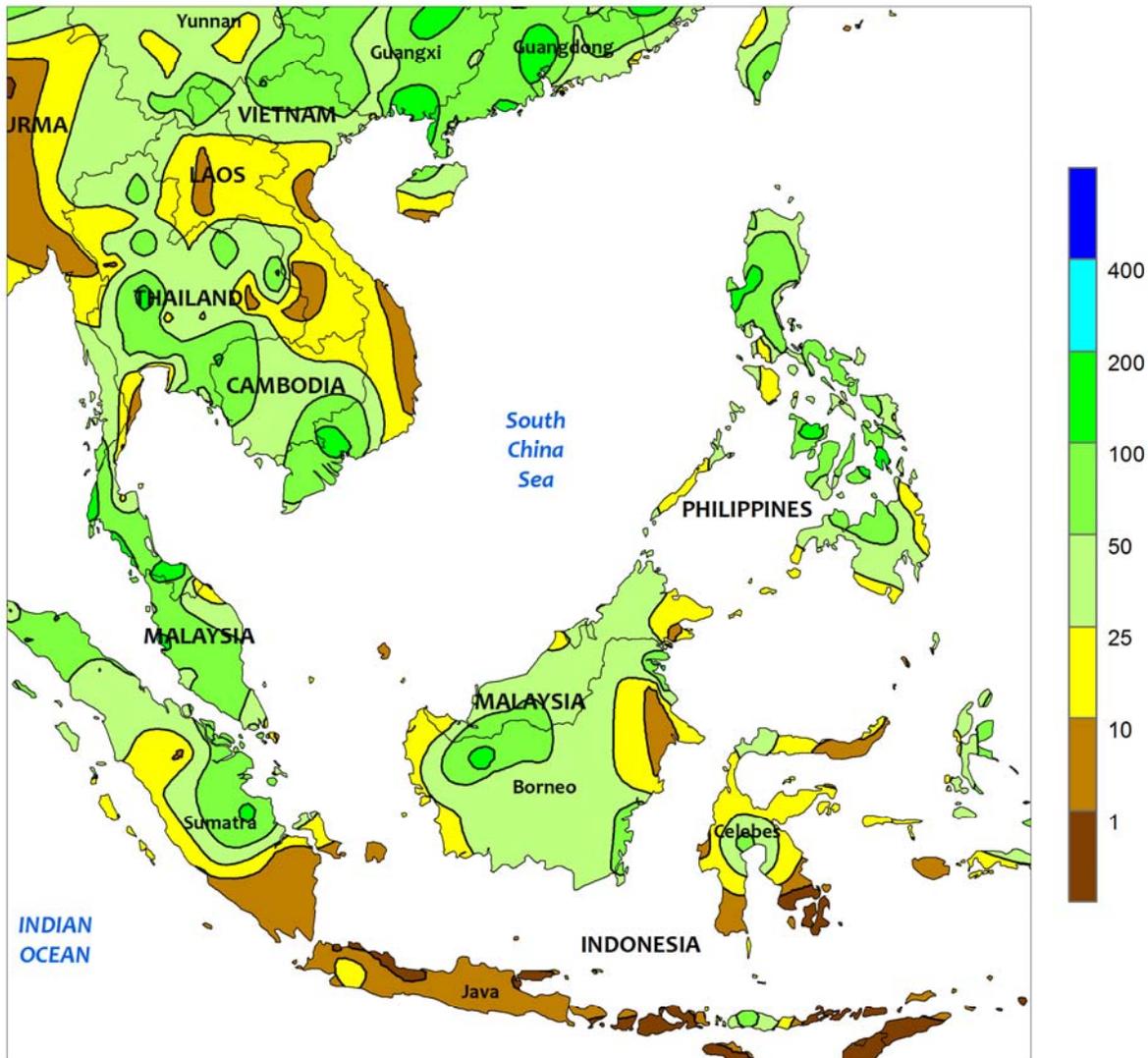


**EASTERN ASIA**

Rainfall was generally spotty across northeastern China and the North China Plain, but was more widespread through the Yangtze Valley and across southern China. In northeastern China, rainfall totals varied widely from 1 to over 75 mm. Most of eastern Heilongjiang received upwards of 25 mm of rain, maintaining good soil moisture for filling soybeans and corn. In western Heilongjiang, weekly rainfall averaged 30 mm, nearly eliminating deficits incurred earlier this month and benefiting filling corn and soybeans. Rainfall in the remainder of the northeast averaged less than 15 mm for the week, providing limited relief to summer crops from short-term dryness that began in mid-July. However, temperatures throughout the northeast remained favorable for crops (averaging 20-25°C for the week). Similar conditions occurred on the North China Plain, with modest showers (less than 15 mm) in Hebei, western Shandong, and adjoining areas of Henan continuing the pattern of below-normal rainfall for summer crops since early July. In

addition, as was the case in the northeast, temperatures (averaging below 30°C) did not contribute any further stress. In contrast to the dryness farther north, rainfall picked up across the Yangtze Valley and continued to be heavy throughout the southern provinces. Showers (25-75 mm) in Hubei and Sichuan brought August rainfall totals to near-normal levels and 75 percent of normal since July 1. Most of the southern provinces received rainfall in excess of 50 mm and approached 200 mm along the southeastern coast. The recent showers continued the trend of above-normal seasonal rainfall for rice in these areas. In other parts of the region, substantially wetter weather prevailed in South Korea and northwestern North Korea, with upwards of 200 mm of rain. The rainfall significantly improved moisture supplies for rice in South Korea, but occurred outside major production areas in North Korea. Meanwhile, rice in most of Japan continued to benefit from widespread showers (50-100 mm).

SOUTHEAST ASIA  
 Total Precipitation (mm)  
 AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
 Computer generated contours  
 Based on preliminary data

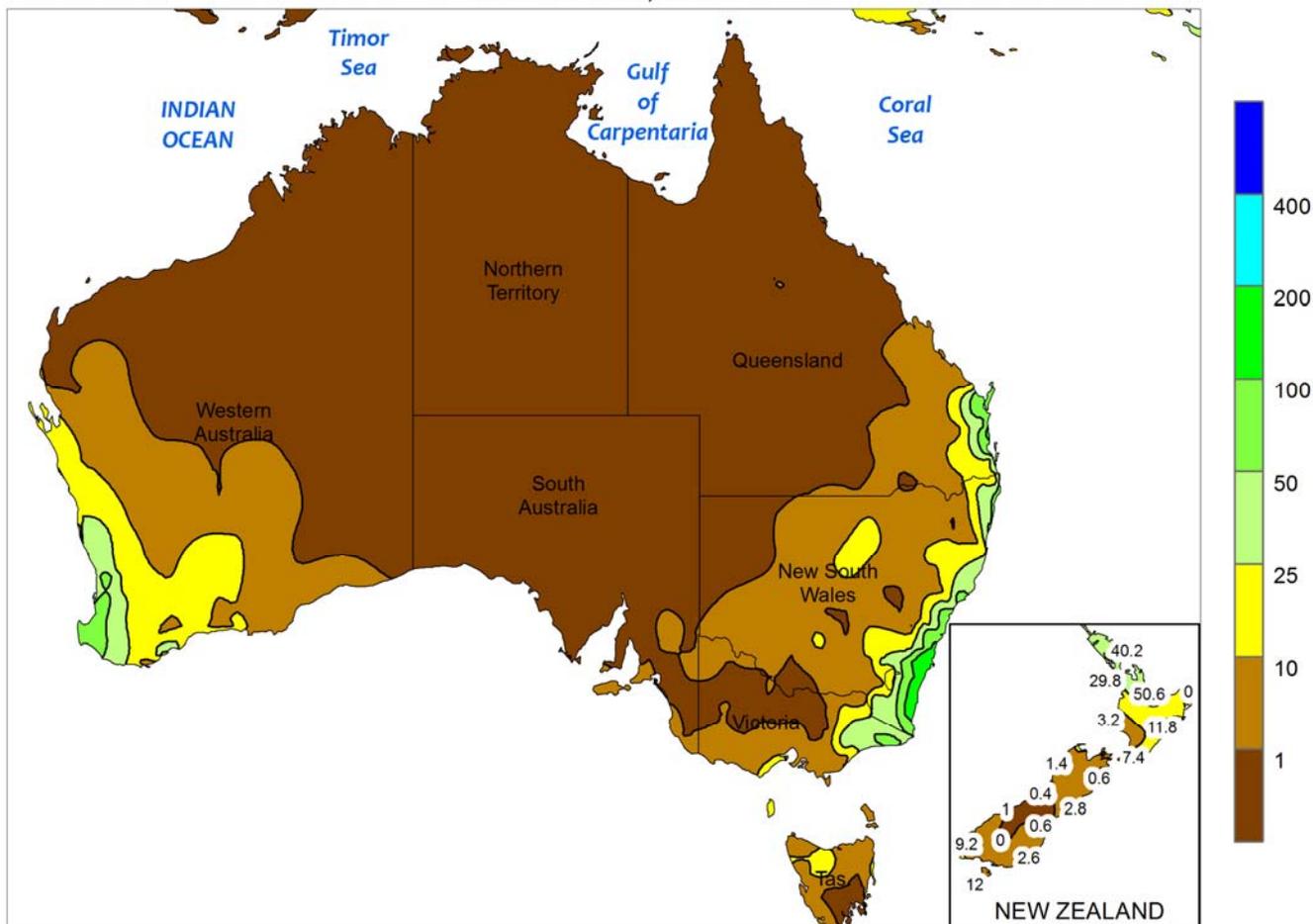


**SOUTHEAST ASIA**

Widespread showers (25-75 mm) in Thailand maintained favorable moisture supplies for rice in the north and northeast, while improving seasonal moisture conditions in the Central Plain Region more rainfall would be welcomed in this latter region to alleviate seasonal deficits and ensure good moisture reserves for the upcoming dry-season rice crop. In Vietnam, rainfall for the month remained unseasonably low, benefiting summer rice harvesting in the

south but increasing irrigation demands for winter rice transplanting in both the north and south. Meanwhile in the Philippines, seasonable showers (50-100 mm) continued across much of the country, maintaining adequate rainfall for rice and corn. In oil palm areas of Indonesia and Malaysia, the dry season was coming to an end with increasing rainfall (upwards of 150 mm) boosting soil moisture for the crop.

AUSTRALIA  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

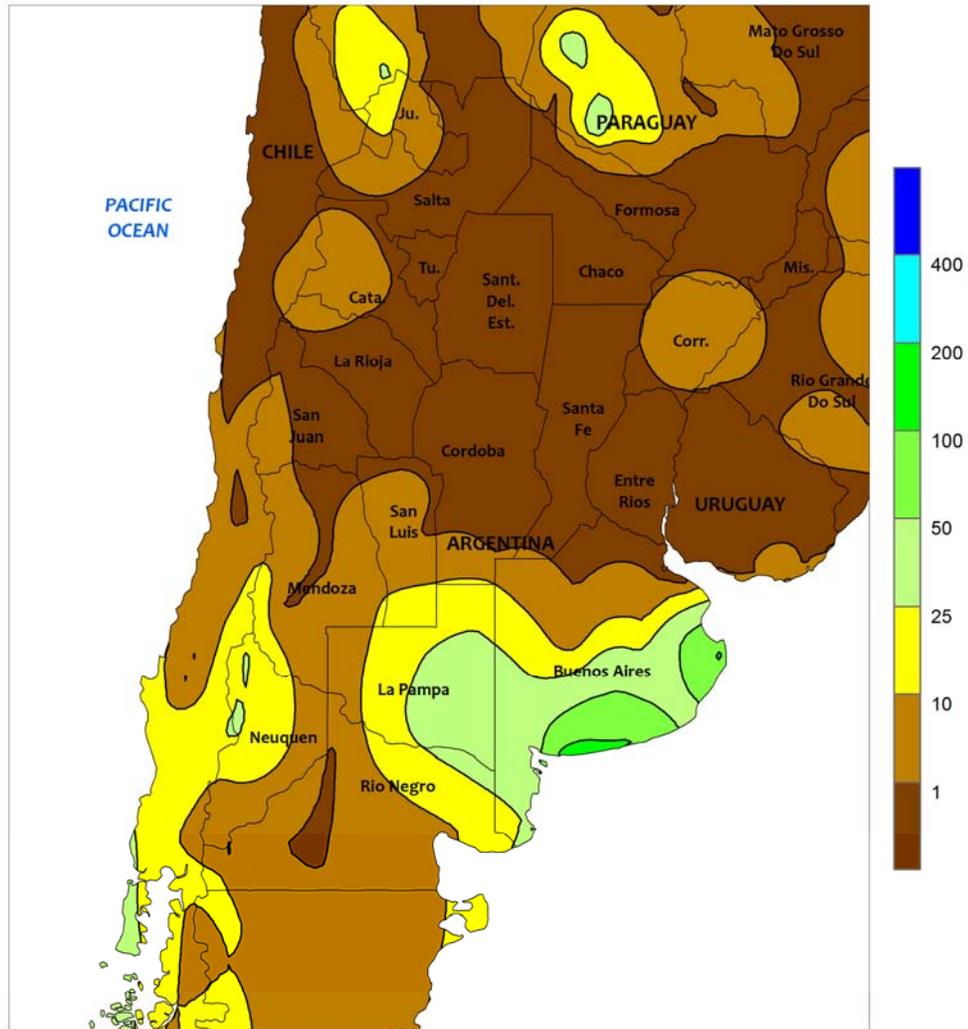


**AUSTRALIA**

In the wake of last week's soaking rains, scattered showers (2-10 mm, locally near 20 mm) fell across southern Queensland and New South Wales, helping to further stabilize yield prospects for wheat and other winter crops which are in or nearing reproduction. In contrast, for a third consecutive week mostly dry weather covered southern Australia, slowly reducing topsoil moisture for winter grains and oilseeds.

Season-to-date rainfall has been near to above normal throughout this region, however, leading to adequate subsoil moisture which has helped moderate the impacts of the recent dryness. Elsewhere, widespread showers (10-25 mm) in Western Australia favored wheat, barley, and canola development, maintaining good to excellent yield prospects for vegetative to reproductive crops.

ARGENTINA  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

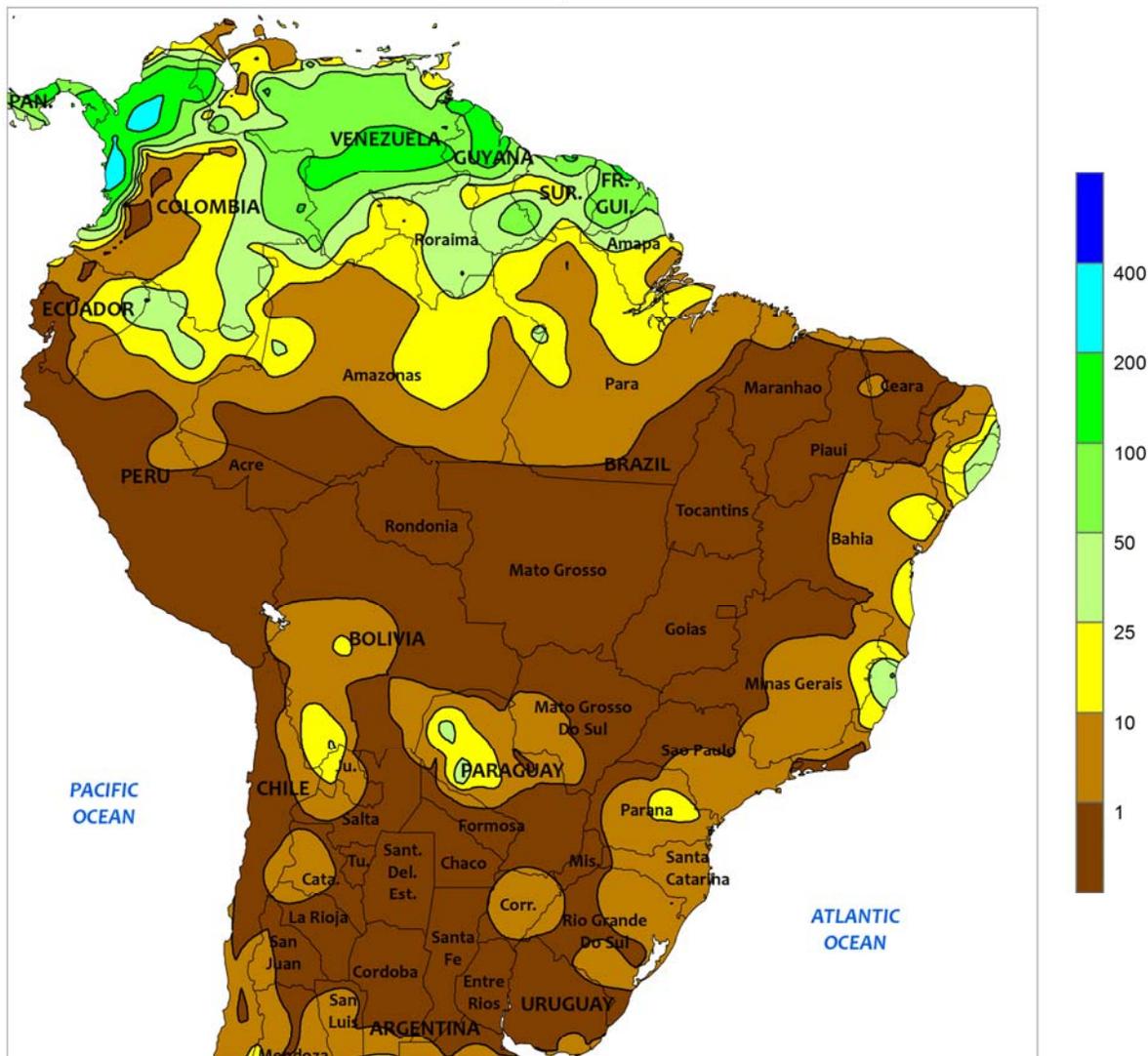


**ARGENTINA**

Heavy rain returned to the southern winter grain belt, providing abundant moisture for germination and establishment but ending a period of favorable planting conditions. Rainfall totaled 10 to 50 mm — locally higher — in eastern La Pampa and southern Buenos Aires; little to no rain fell elsewhere. Weekly temperatures averaged 6 to 10°C above normal, with daytime highs reaching the middle 20s (degrees C) in southeastern

Buenos Aires and the middle and upper 30s farther north (northern Cordoba to Salta and Formosa). However, the rainfall, which came at week's end, resulted in daytime highs in the 10s. Nighttime lows fell below 10°C in many areas but no freezes were reported. According to Argentina's Ministry of Agriculture, corn was 97 percent harvested as of August 21, and wheat planting reached 99 percent.

BRAZIL  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

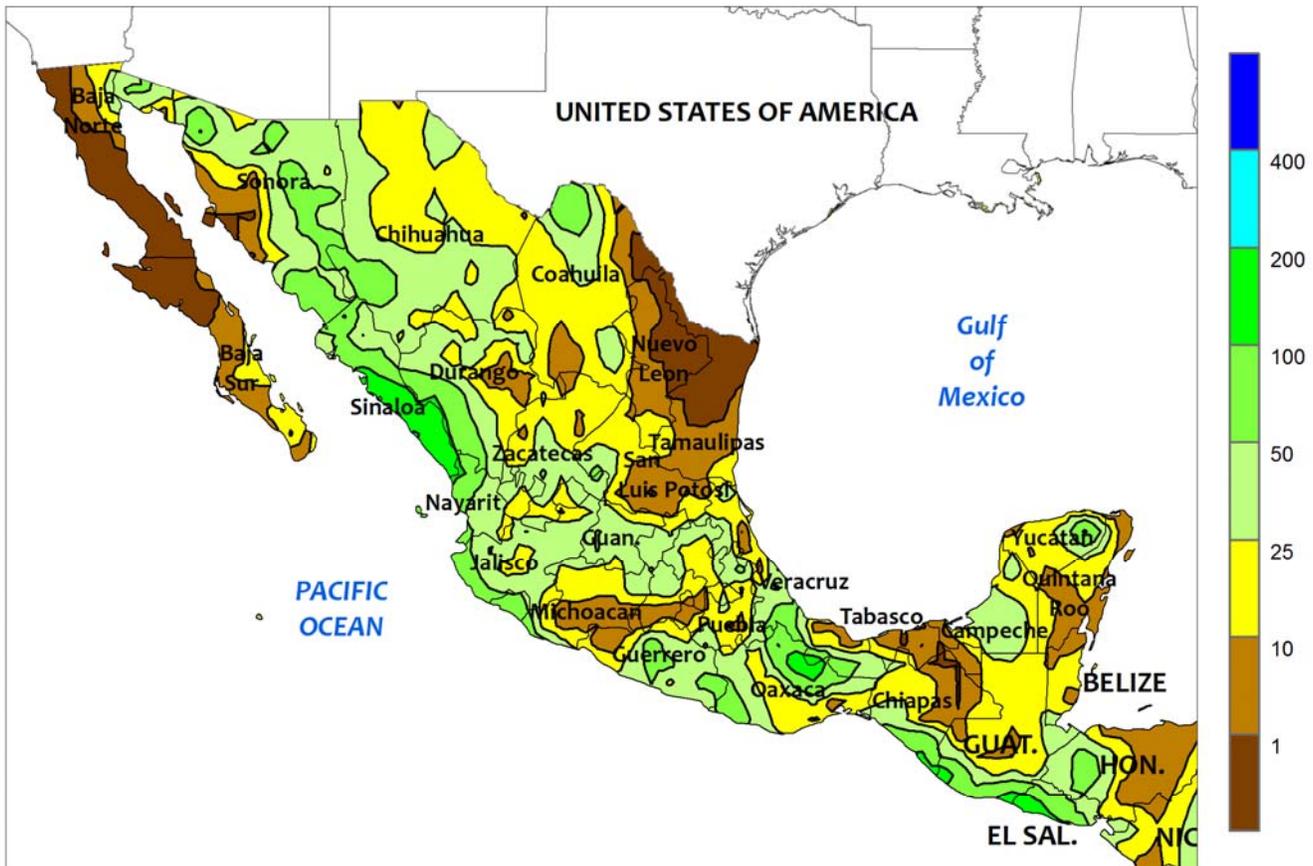


**BRAZIL**

Warm, mostly dry weather favored wheat development and supported seasonal fieldwork, including harvesting of various crops. Little to no rain fell from Rio Grande do Sul to southern Minas Gerais, with only a few locations reporting more than 5 mm. Weekly temperatures averaged 2 to 5°C above normal, with daytime highs reaching the upper 20s and lower 30s (degrees C) at week's end. Fieldwork

included harvesting of sugarcane, coffee, citrus, as well as second-crop (safrinha) corn and cotton. Elsewhere, seasonable warmth and dryness continued in central growing areas, and seasonal showers lingered along the northeastern coast, with heaviest rainfall (greater than 25 mm) concentrated near Espírito Santo and the northeastern sugarcane areas (Pernambuco and Alagoas).

MEXICO  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

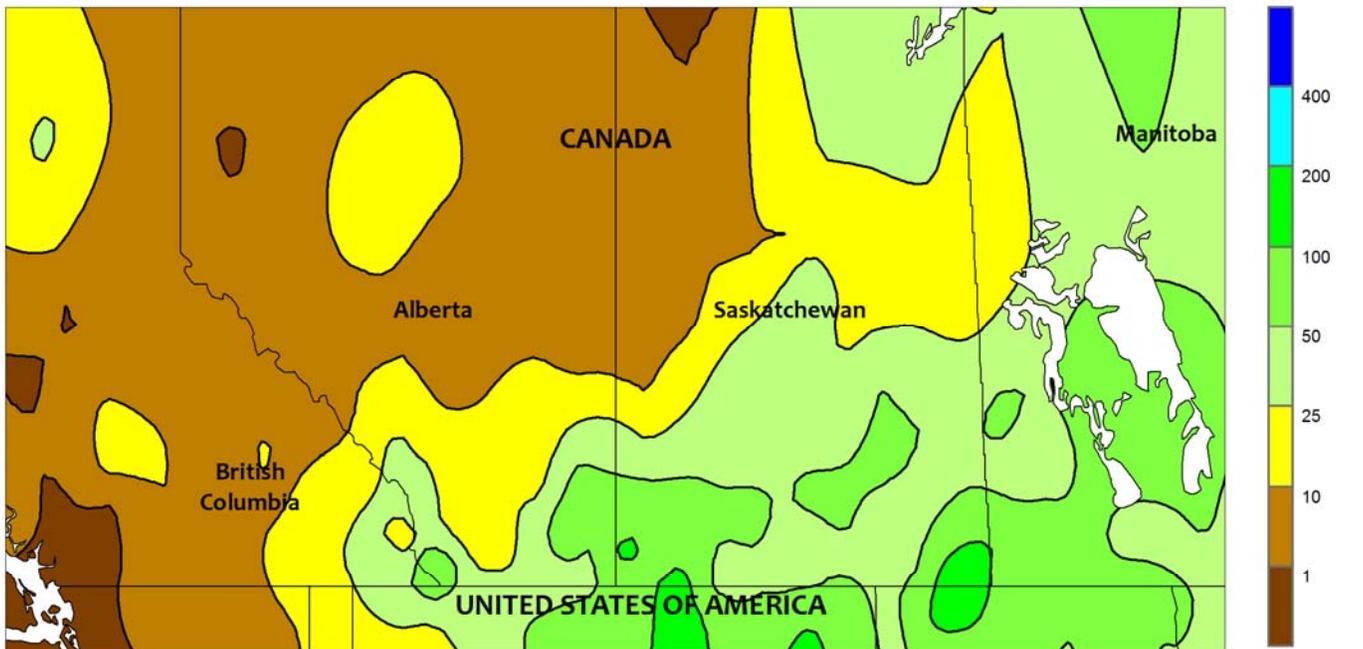


**MEXICO**

Beneficial rain continued in many important agricultural areas. Rainfall totaled 10 to 50 mm in most areas across the southern plateau (Jalisco to Puebla), and along the southern Pacific Coast (Michoacan to Oaxaca), maintaining overall favorable conditions in the main summer corn areas. Showers were variable in the southeast, with locally heavy rainfall (amounts in excess of 100 mm) concentrated over southern Veracruz and

northern Oaxaca. Unseasonably dry weather persisted in the northeast, where weekly temperatures averaged up to 2°C above normal (daytime highs approaching 40°C). In contrast, locally heavy monsoon showers continued in northwestern watersheds, with rainfall in excess of 50 mm extending from the western Pacific Coast (Colima and western Jalisco) northward through Sonora.

CANADIAN PRAIRIES  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data

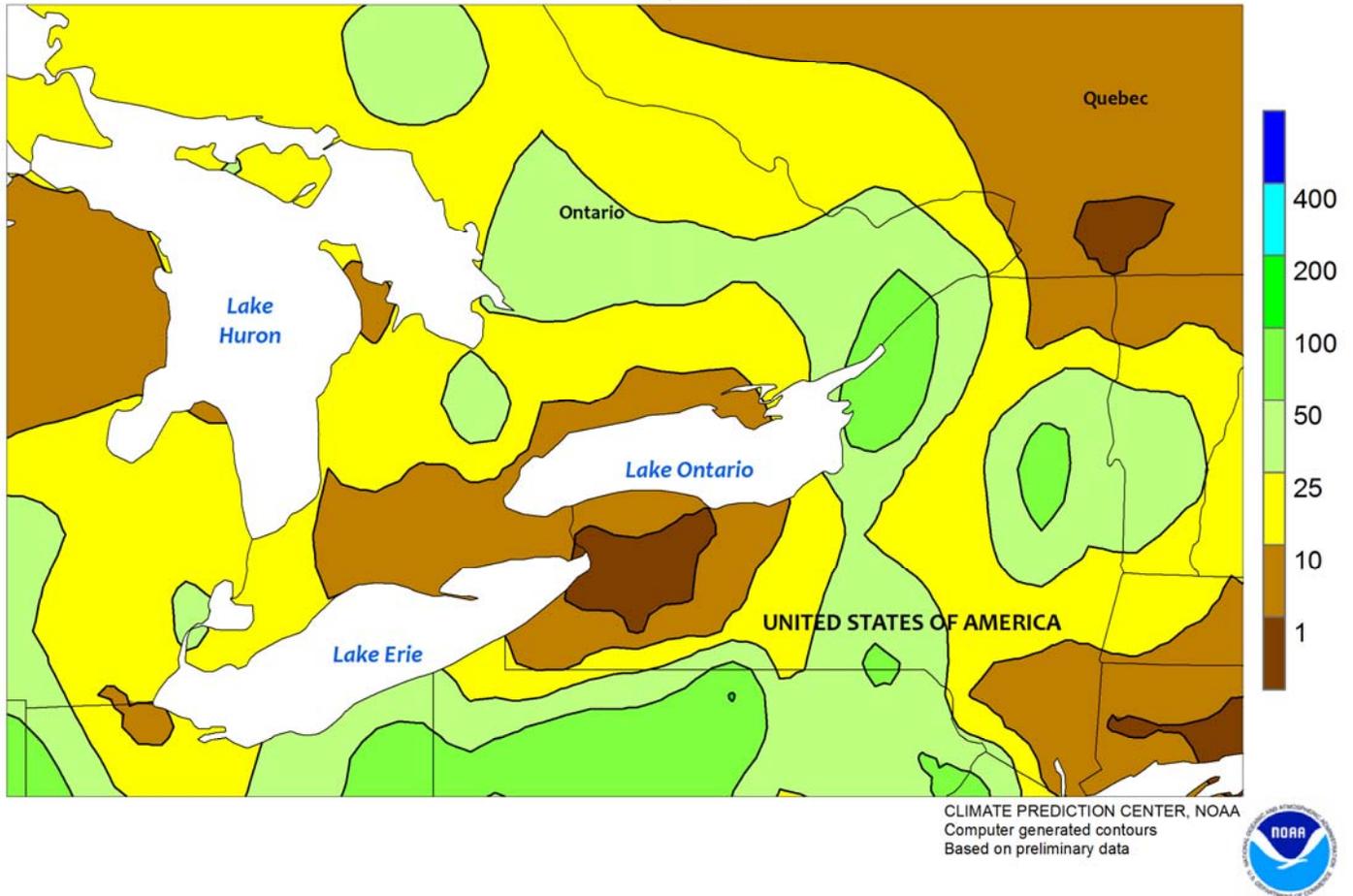


**CANADIAN PRAIRIES**

Heavy rain returned to the southern Prairies, giving a late-season boost to immature summer crops and pastures but disrupting spring grain and oilseed harvesting, which is reportedly underway in some areas. Rainfall totaled more than 25 mm over a broad area stretching from southern Alberta to Manitoba, with many areas recording more than 50 mm. Locally heavy rain also fell in parts of northern Saskatchewan, but mostly dry weather prevailed elsewhere, with much of

northern Alberta receiving less than 10 mm. Weekly temperatures averaged near to slightly above average in Saskatchewan and Manitoba, with daytime highs reaching the upper 20s and lower 30s (degrees C) on several days. After a brief period of warm weather (highs reaching the upper 20s), cooler weather descended upon Alberta's northern agricultural areas during the latter half of the week, with nighttime lows approaching 0°C.

SOUTHEASTERN CANADA  
Total Precipitation (mm)  
AUG 17 - 23, 2014



CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**SOUTHEASTERN CANADA**

Unseasonably mild weather maintained a generally slow pace of summer crop growth in Ontario. Weekly temperatures averaged up to 3°C below normal in spots, with temperatures elsewhere in the region — including Quebec — averaging 1°C below normal. Daytime highs reached the upper 20s (degrees

C) in most areas but nighttime lows continued to drop below 10°C in many locations. Rainfall was generally lighter than last week, totaling below 10 mm in large parts of Quebec and southwestern Ontario. The drier weather favored the final stages of winter wheat harvesting.

24 Aug 2014  
23:45 UTC

MEXICO

**Category 5 Hurricane Marie**

On the afternoon of August 24, eastern Pacific Hurricane Marie briefly became a Category 5 storm with a central barometric pressure of 918 millibars and estimated sustained winds near 160 mph. Earlier, Marie had become the ninth hurricane of the season with eastern Pacific origins and sixth major hurricane.

Marie joined Genevieve as the season's second Category 5 hurricane to originate in the eastern Pacific Basin. However, Genevieve spent much of its existence as a tropical depression or a tropical storm, and had moved into the western Pacific Basin, on the other side of the International Date Line, before reaching Category 5 intensity in early August.

Prior to Marie, the last Category 5 storm to prowl the eastern Pacific Basin was Hurricane Celia in late-June 2010.

**GOES West Visible**  
**August 24, 2014**  
**4:45 pm PDT**

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