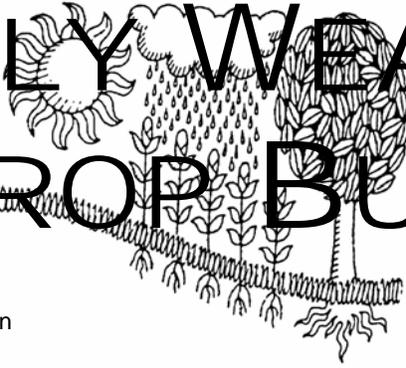
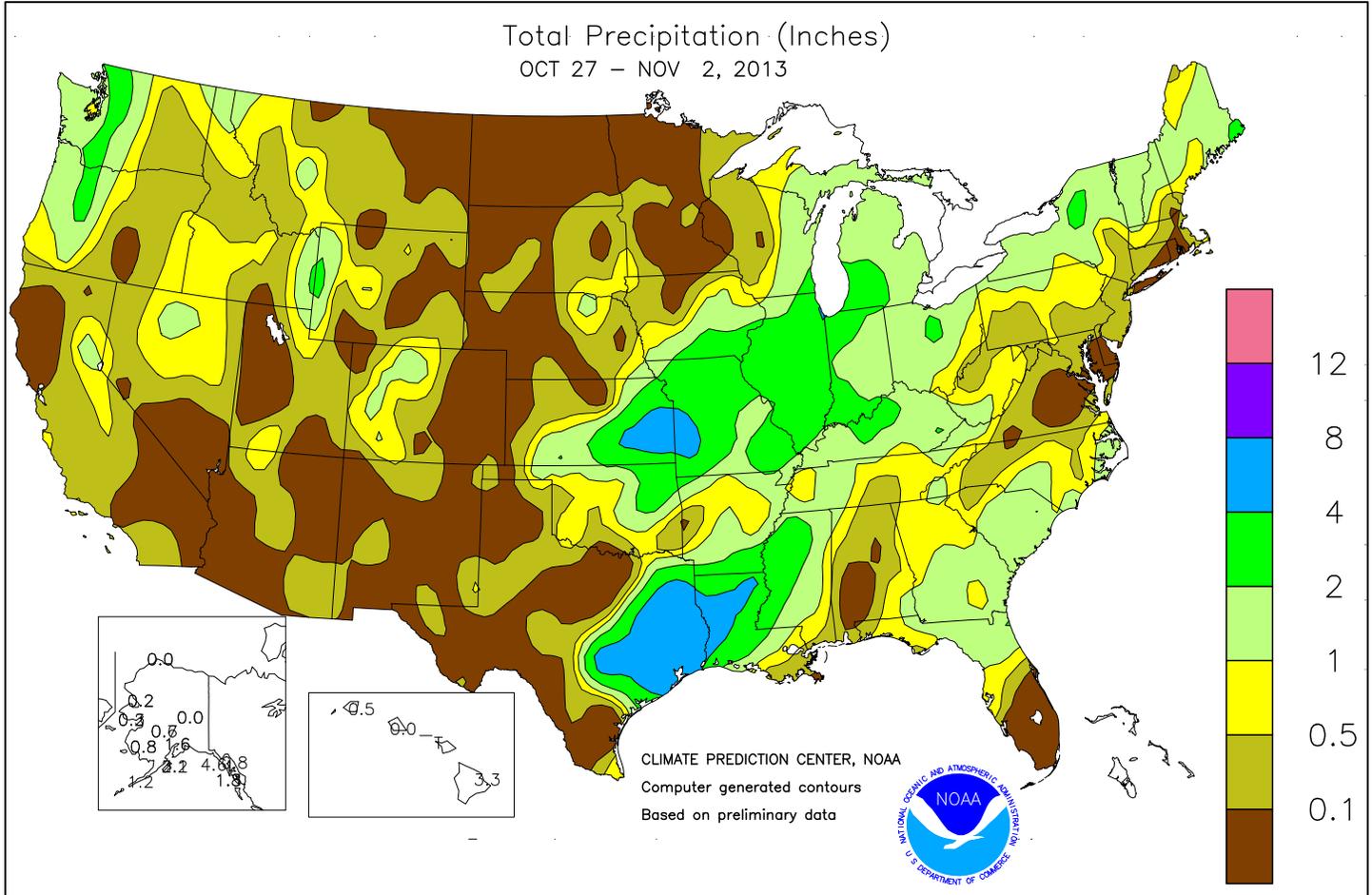


# WEEKLY WEATHER AND CROP BULLETIN



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

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



## HIGHLIGHTS

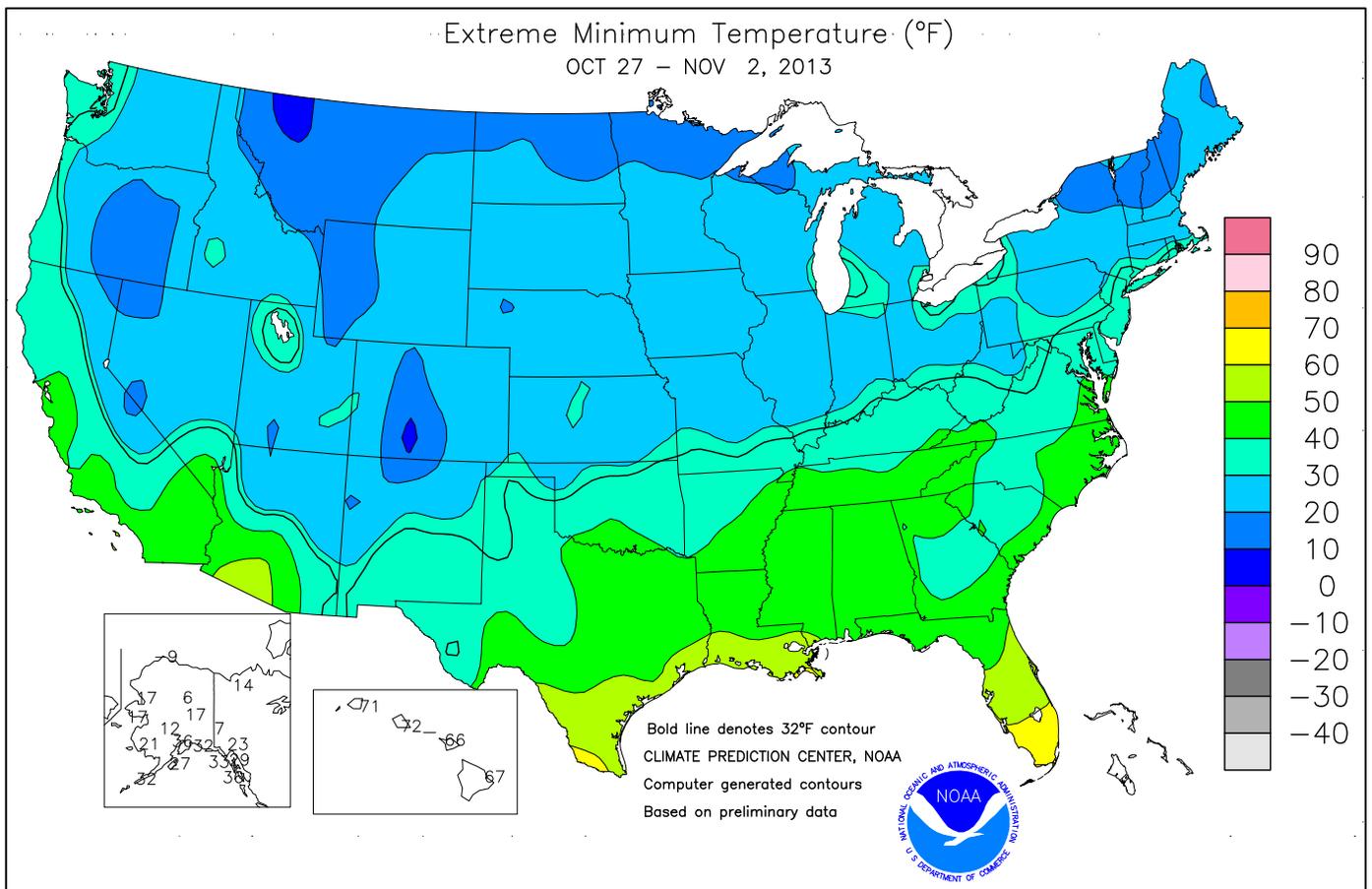
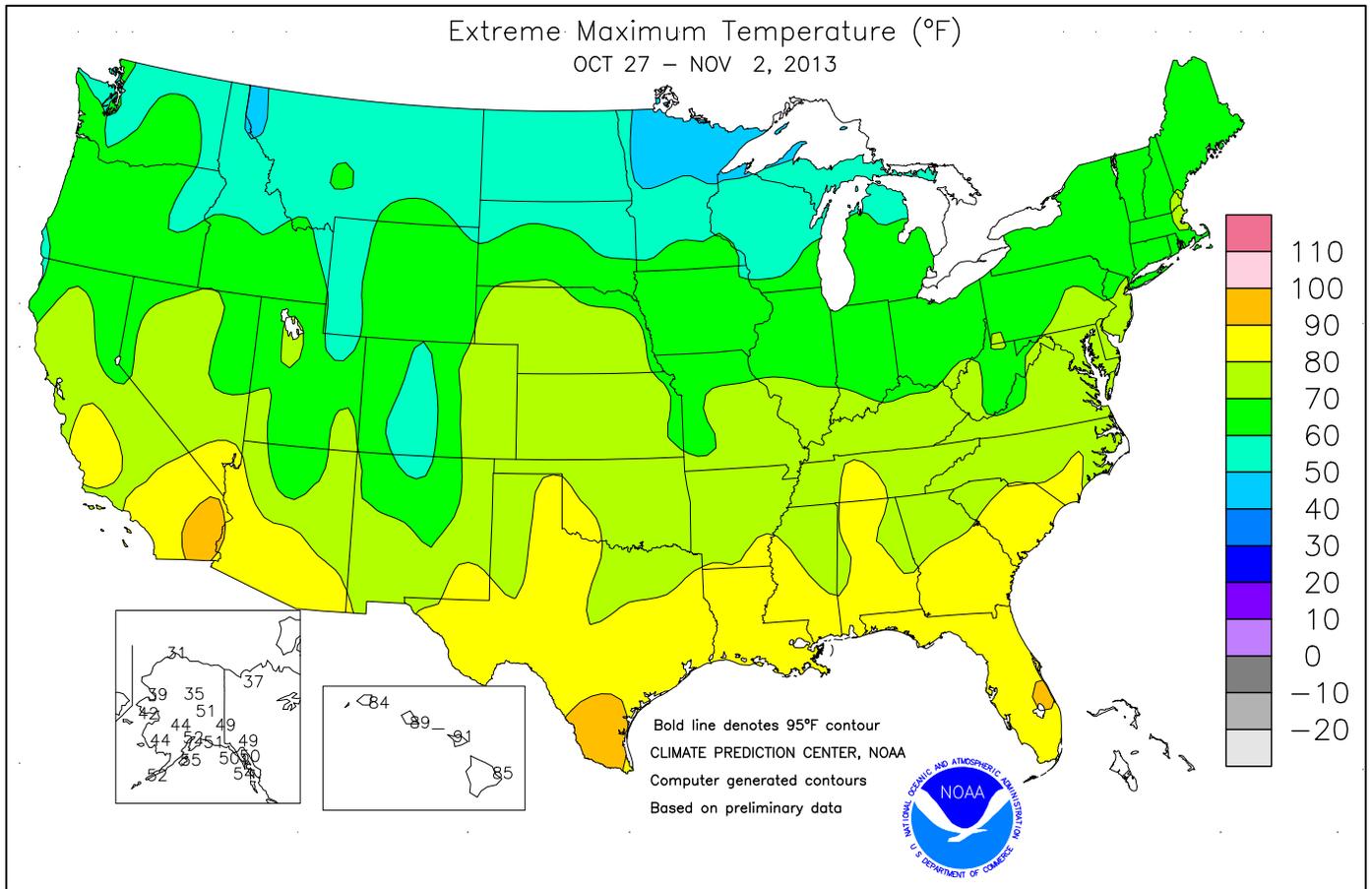
### October 27 – November 2, 2013

Highlights provided by USDA/WAOB

Soaking rainfall slowed or halted fieldwork from the **east-central Plains into the Midwest**, but corn and late-soybean harvesting continued across the **upper Midwest**. Weekly rainfall totaled 2 inches or more from **eastern Kansas into southern Lower Michigan**. Similarly heavy rain drenched the **Mississippi Delta**, while downpours (4 to 8 inches, with locally higher amounts) triggered flash flooding in **eastern Texas** on October 30-31. Farther east, most of the week featured warm, dry weather in the

(Continued on page 3)

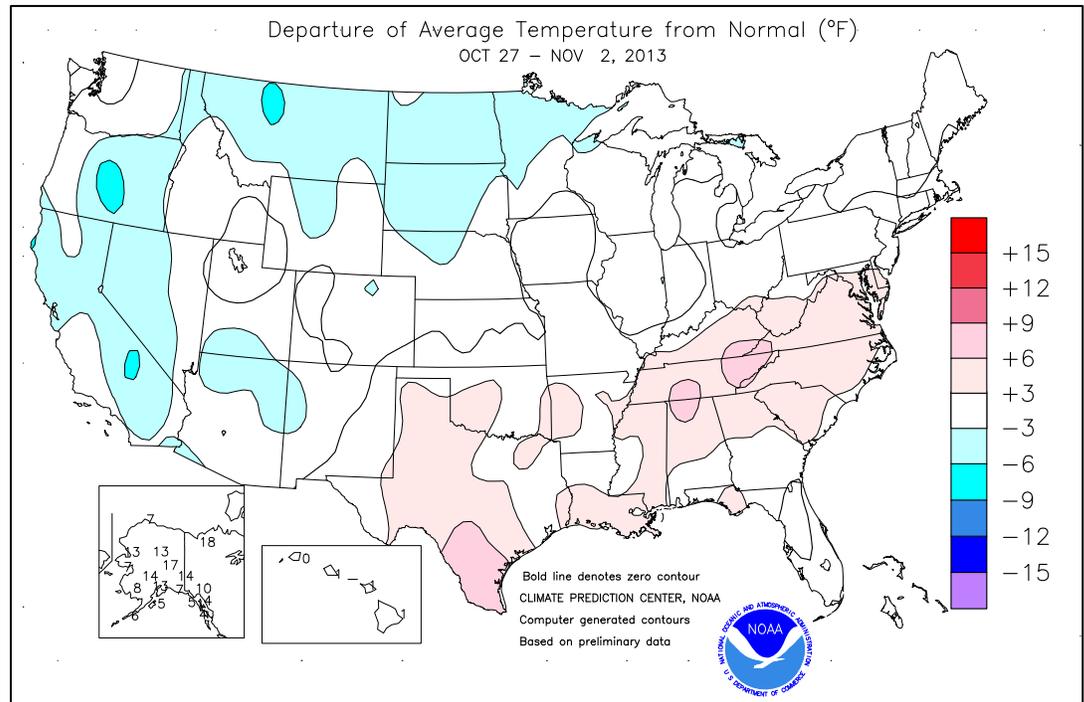
Contents	
Extreme Maximum & Minimum Temperature Maps.....	2
Temperature Departure Map .....	3
October 29 Drought Monitor & <b>U.S. Monthly Drought Outlook</b> .....	4
National Weather Data for Selected Cities .....	5
National Agricultural Summary .....	8
Crop Progress and Condition Tables.....	9
State Agricultural Summaries .....	11
International Weather and Crop Summary & <b>October Temperature/Precipitation Table</b> .....	18
Bulletin Information & Record Reports Map .....	32



(Continued from front cover)

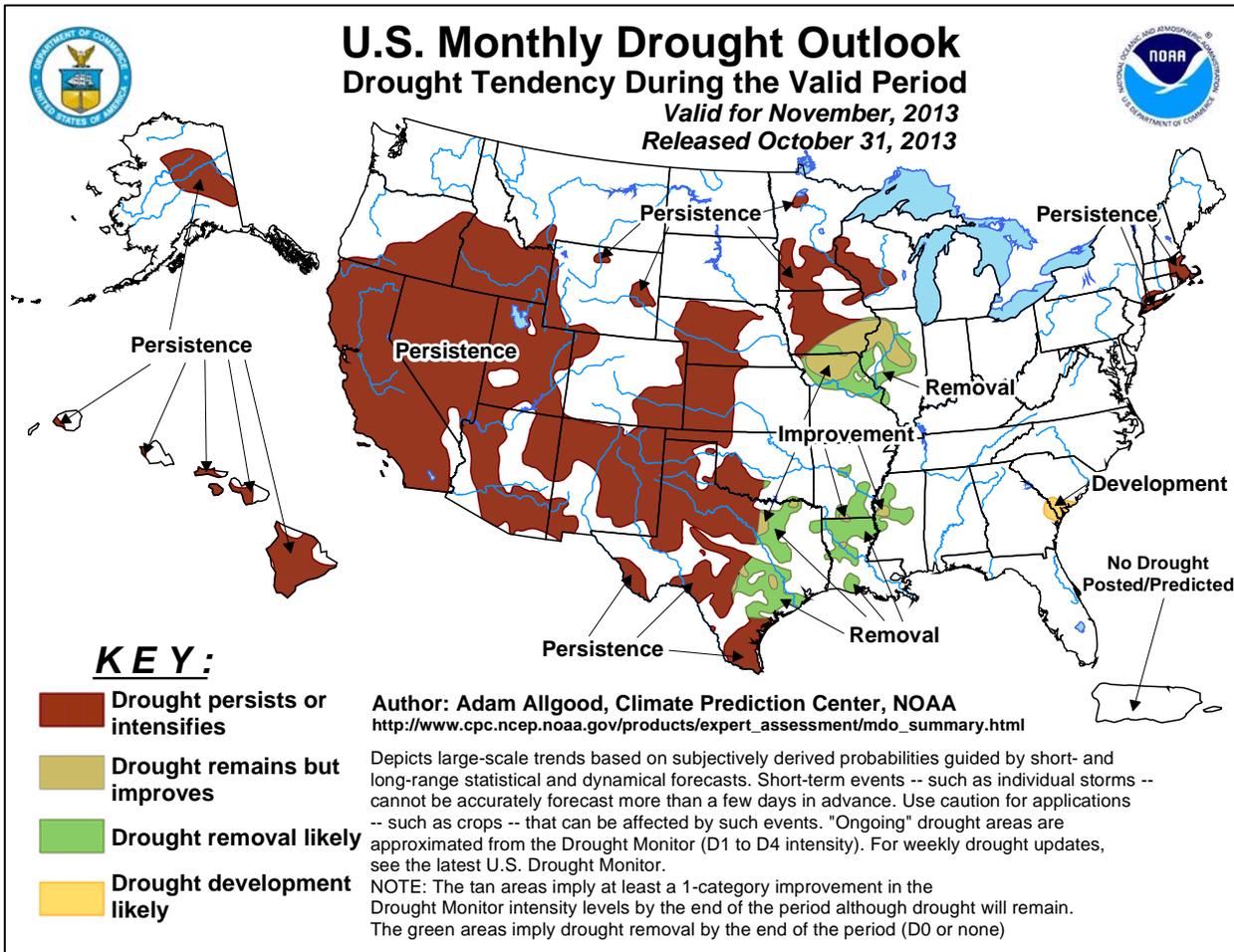
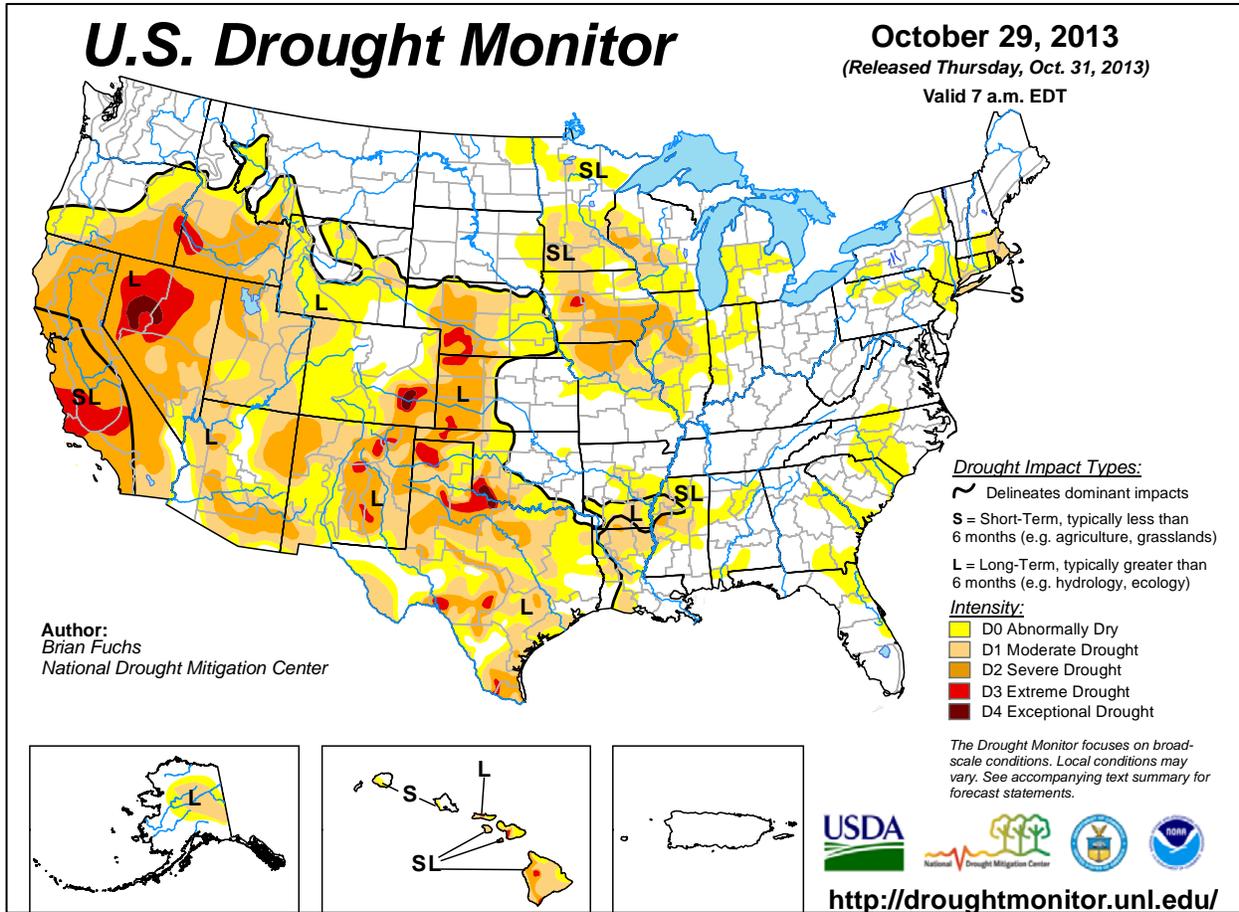
**Southeast**, allowing winter wheat planting to advance and promoting harvest activities for a variety of summer crops. Toward week's end, **Southeastern** showers provided relief from short-term dryness. Meanwhile, the majority of the **Plains'** hard red winter wheat belt experienced dry weather, with significant rainfall confined to parts of **Kansas** and **Oklahoma**. Cold weather slowed or halted wheat growth on the **northern Plains**, while pockets of dryness remained a concern on the **southern High Plains**. Elsewhere, generally cool conditions prevailed in the **West**, accompanied by widespread showers. Precipitation was heaviest from the **Pacific Northwest to the northern Rockies**, and did not spread far enough southward to disrupt fieldwork in **California** or the **Southwest**.

The early-week period featured a few showers on the **central and southern Plains**, with more organized precipitation confined to the **Northwest**. **College Station, TX**, netted a daily-record total of 1.40 inches for October 27. The following day, **Dodge City, KS**, collected a record-setting total (1.60 inches) for October 28. Meanwhile across the **northern High Plains** and the **West**, daily-record snowfall totals for October 28 reached 7.8 inches in **Riverton, WY**; 5.9 inches in **Great Falls, MT**; and 4.1 inches in **Winnemucca, NV**. **Riverton** (0.66 inch) and **Winnemucca** (1.04 inches) also posted daily-record precipitation amounts, and **Winnemucca** received a total of 6.6 inches of snow on October 28-29. Elsewhere in the **West**, late-October snowfall totaled 15.5 inches in **Alta, UT**, and 11.0 inches at **Taos Ski Valley, NM**. Farther east, heavy rain erupted across the **Mid-South**, including **Missouri**, where **Springfield** (2.35 inches) and **Joplin** (2.14 inches) received record-breaking totals for October 29. Elsewhere in **Missouri**, **St. Joseph** tallied a daily-record sum (2.52 inches) for October 30. Late-month rainfall propelled **Austin (Camp Mabry), TX**, to its wettest October on record (13.28 inches; previously 12.63 inches in 1925). **Austin's** October 30-31 total reached 4.67 inches, while some nearby locations received 8 to 12 inches. On October 31, daily-record totals topped 2 inches in a multitude of locations, including **Monroe, LA** (4.38 inches); **Beaumont-Port Arthur, TX** (3.26 inches); **Greenwood, MS** (2.23 inches); and **Indianapolis, IN** (2.01 inches). **Louisville, KY**, received 2.08 inches of rain from October 29-31 to complete its wettest October on record (9.94 inches; previously, 8.86 inches in 2007). In contrast, **Bridgeport, CT**, set a record for its driest October (0.32 inch; previously, 0.33 inch in 1963), while it was the second-driest October in **Florida** locations such as **Orlando** (0.15 inch, or 5 percent of normal) and **Melbourne** (0.26 inch, or 5 percent). Beneficial, late-week showers fell, however, in parts of the **Southeast**, where daily-record totals for November 2 reached 1.61 inches in **St. Simons Island, GA**, and 1.26 inches in **Gainesville, FL**. Damaging winds and a few tornadoes accompanied the late-week push of cooler air and showers into the **East**, with November 1 peak gusts reaching 63 mph in **Massena, NY**, and 66 mph at the Blue Hill Observatory near **Milton, MA**. Clusters of tornado activity, primarily on October 31, were centered in **Ohio**, **Louisiana**, and an area centered on the **lower Ohio Valley** and the **northern Mississippi Delta**.



Early in the week, cold conditions persisted in the **Midwest**. **Springfield, IL**, posted a daily-record low of 23°F on October 27. Two days later in the **Northeast**, **Montpelier, VT**, collected a record-setting low (16°F) for October 29. More persistent coolness affected the **Southwest**, where **Kingman, AZ**, recorded a record-tying 14 October days with low temperatures below 40°F. Previously, **Kingman** had notched 14 sub-40°F readings in 1908 and 1909. Elsewhere in the **Southwest**, **Bishop, CA**, registered a daily-record low of 19°F on October 29. Late in the week, warmth expanded throughout the **East** in advance of a strong cold front. **Daytona Beach, FL**, tied a monthly record high with a reading of 89°F on November 1 (previously, 89°F on November 28, 1948). Elsewhere in **Florida**, record-setting highs for November 1 included 91°F in **Vero Beach** and 90°F in **Melbourne**. Farther north, **Burlington, VT**, logged a daily-record high of 71°F on November 1.

For the third week in a row, temperatures averaged at least 10°F above normal across much of the **Alaskan mainland**. **Delta Junction**, with a high of 62°F on October 28, experienced its warmest weather on record so late in the season. Prior to this year, **Delta Junction** had never reached the 60-degree mark after October 17, 1969, and had never topped 60°F after October 13, 1969. **Alaskan** daily-record highs for October 28 included 53°F in **Kodiak** and 51°F in both **Anchorage** and **Fairbanks**. The following day, highs climbed to record-setting levels for October 29 in locations such as **Northway** (49°F) and **Eagle** (45°F). The warmth was accompanied by occasional precipitation and high winds, especially in **southern Alaska**. Daily-record precipitation totals for October 28 reached 1.92 inches in **Valdez** and 0.88 inch in **Anchorage**. **Valdez** also completed its wettest October on record (17.83 inches, or 205 percent of normal), edging the 2006 total of 17.31 inches. Near **Anchorage**, a wind gust to 61 mph was clocked on October 28 in **Palmer**, while **Glen Alps** in **Chugach State Park** had a peak gust to 105 mph. Farther south, trade winds provided showers primarily to windward sections of **Hawaii**. On the **Big Island**, **Hilo's** weekly rainfall totaled 3.43 inches. However, **Hilo** still finished with just 6.80 inches of October rainfall, 70 percent of normal. Many leeward sites, including **Honolulu, Oahu** (0.18 inch, or 10 percent of normal), and **Kahului, Maui** (0.04 inch, or 3 percent), reported significantly below-normal October totals.



National Weather Data for Selected Cities

Weather Data for the Week Ending November 2, 2013

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 SEP 1	PCT. NORMAL SINCE SEP 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 OF MORE	.50 INCH OF MORE	
AL BIRMINGHAM	74	54	79	45	64	5	0.73	-0.06	0.44	4.58	61	56.85	126	91	45	0	0	4	0	
HUNTSVILLE	74	53	82	42	64	7	0.10	-0.75	0.08	5.03	62	48.65	104	91	62	0	0	2	0	
MOBILE	79	56	81	45	67	3	0.11	-0.70	0.11	6.92	73	58.60	104	88	52	0	0	1	0	
AK MONTGOMERY	80	46	84	1	63	2	0.52	-0.07	0.50	2.43	35	45.43	100	92	41	0	1	2	1	
ANCHORAGE	45	38	52	36	42	14	1.56	1.21	0.99	9.12	181	22.51	161	89	74	0	0	5	1	
BARROW	22	7	31	-9	15	7	0.00	-0.06	0.00	2.16	196	7.20	185	92	78	0	7	0	0	
FAIRBANKS	37	24	51	17	30	16	0.00	-0.18	0.00	1.74	83	7.54	84	85	82	0	6	0	0	
JUNEAU	46	38	50	29	42	4	0.76	-0.87	0.54	17.77	109	58.68	122	96	86	0	2	4	1	
KODIAK	49	35	55	27	42	5	3.06	1.37	1.41	17.72	106	57.61	94	90	71	0	3	6	2	
NOME	35	26	42	17	30	7	0.26	-0.04	0.26	5.55	133	18.65	130	89	81	0	5	1	0	
AZ FLAGSTAFF	55	27	64	18	41	-2	0.11	-0.30	0.07	3.54	85	21.23	110	83	31	0	6	2	0	
PHOENIX	82	58	91	53	70	1	0.00	-0.17	0.00	0.86	54	5.60	84	41	24	2	0	0	0	
PRESCOTT	65	36	74	28	50	0	0.00	-0.25	0.00	2.71	79	11.35	68	67	21	0	4	0	0	
TUCSON	81	51	90	44	66	1	0.03	-0.17	0.03	0.66	24	5.51	52	38	19	1	0	1	0	
AR FORT SMITH	73	52	80	39	62	4	0.67	-0.30	0.46	5.69	73	40.55	113	93	51	0	0	3	0	
LITTLE ROCK	70	52	79	44	61	3	1.10	0.01	0.83	6.54	79	41.15	101	93	57	0	0	4	1	
CA BAKERSFIELD	72	48	82	45	60	-2	0.03	-0.06	0.03	0.03	6	2.39	46	67	47	0	0	1	0	
FRESNO	73	48	80	45	61	1	0.03	-0.16	0.03	0.04	4	2.32	26	72	49	0	0	1	0	
LOS ANGELES	72	55	80	52	63	-2	0.01	-0.12	0.01	0.03	5	2.67	26	79	46	0	0	1	0	
REDDING	70	41	77	38	56	-2	0.00	-0.73	0.00	1.40	49	10.70	43	78	52	0	0	0	0	
SACRAMENTO	70	44	76	41	57	-3	0.00	-0.32	0.00	0.58	43	4.49	34	91	38	0	0	0	0	
SAN DIEGO	71	57	84	55	64	-2	0.19	0.03	0.17	0.27	39	3.65	43	81	55	0	0	2	0	
SAN FRANCISCO	65	50	74	48	58	-1	0.00	-0.39	0.00	0.24	18	2.13	14	77	64	0	0	0	0	
STOCKTON	72	43	77	41	58	-2	0.01	-0.27	0.01	0.34	27	3.25	31	80	54	0	0	1	0	
CO ALAMOSA	55	21	60	14	38	1	0.04	-0.09	0.04	3.24	204	8.13	126	83	37	0	7	1	0	
CO SPRINGS	58	31	69	24	44	0	0.03	-0.16	0.03	5.22	243	18.89	114	82	25	0	4	1	0	
DENVER INTL	56	31	70	26	44	-1	0.03	-0.14	0.01	6.36	324	17.11	134	81	41	0	6	3	0	
GRAND JUNCTION	56	36	68	31	46	-1	0.43	0.24	0.34	4.46	226	10.42	133	84	54	0	2	2	0	
PUEBLO	62	32	75	21	47	0	0.00	-0.17	0.00	1.51	99	9.31	81	73	36	0	2	0	0	
CT BRIDGEPORT	61	43	66	35	52	1	0.11	-0.71	0.06	3.11	42	29.87	80	83	54	0	0	2	0	
HARTFORD	60	35	68	29	48	0	0.26	-0.66	0.13	5.92	71	43.92	113	88	50	0	3	3	0	
DC WASHINGTON	67	50	73	43	59	5	0.22	-0.44	0.16	7.64	106	35.97	108	83	51	0	0	2	0	
DE WILMINGTON	65	42	71	33	54	3	0.15	-0.47	0.10	3.99	55	40.32	111	95	52	0	0	3	0	
FL DAYTONA BEACH	81	62	89	53	71	0	0.53	-0.30	0.26	8.30	73	43.52	99	93	52	0	0	4	0	
JACKSONVILLE	79	54	84	44	66	0	0.37	-0.18	0.28	5.50	46	41.86	88	97	52	0	0	2	0	
KEY WEST	84	76	84	75	80	1	0.00	-0.85	0.00	4.80	48	40.31	117	80	61	0	0	0	0	
MIAMI	85	73	89	70	79	2	0.01	-1.16	0.01	17.35	117	60.03	113	79	54	0	0	1	0	
ORLANDO	84	62	89	57	73	0	0.28	-0.17	0.28	6.21	72	41.80	95	94	54	0	0	1	0	
PENSACOLA	78	59	83	48	69	3	0.72	-0.22	0.72	9.82	97	66.25	118	87	61	0	0	1	1	
TALLAHASSEE	82	53	85	40	68	3	0.70	-0.06	0.70	4.90	58	58.18	105	88	42	0	0	1	1	
TAMPA	83	65	86	58	74	1	0.58	0.32	0.58	8.77	99	51.28	125	89	52	0	0	1	1	
GA WEST PALM BEACH	86	70	89	64	78	2	0.01	-1.21	0.01	10.24	74	57.86	109	80	50	0	0	1	0	
ATHENS	72	50	78	40	61	3	0.41	-0.40	0.39	4.09	56	50.23	124	91	59	0	0	2	0	
ATLANTA	72	54	78	43	63	4	0.49	-0.23	0.44	5.76	78	56.79	134	86	56	0	0	2	0	
AUGUSTA	78	47	82	35	62	3	0.92	0.22	0.91	2.78	40	48.09	123	98	49	0	0	2	1	
COLUMBUS	78	54	81	43	66	4	0.42	-0.18	0.42	2.03	36	52.40	130	87	43	0	0	1	0	
MACON	76	49	81	37	63	3	1.28	0.73	1.20	3.72	64	61.85	163	100	50	0	0	4	1	
SAVANNAH	80	54	84	41	67	4	1.01	0.38	1.01	3.02	36	50.20	113	91	46	0	0	1	1	
HI HILO	83	69	85	67	76	1	3.34	0.49	1.05	11.83	60	76.52	76	93	82	0	0	6	3	
HONOLULU	87	74	89	72	80	1	0.00	-0.52	0.00	1.95	64	11.03	83	75	68	0	0	0	0	
KAHULUI	88	69	91	66	79	2	0.01	-0.33	0.01	0.30	19	8.95	66	81	72	1	0	1	0	
LIHUE	83	73	84	71	78	0	0.48	-0.56	0.18	5.66	78	22.88	75	86	80	0	0	5	0	
ID BOISE	56	38	70	34	47	-1	0.79	0.59	0.76	2.58	163	7.48	79	86	62	0	0	3	1	
LEWISTON	54	34	59	25	44	-3	0.11	-0.13	0.10	1.77	97	8.16	77	76	59	0	3	2	0	
POCATELLO	56	33	68	25	44	1	0.11	-0.11	0.11	1.26	66	5.30	51	86	50	0	2	1	0	
IL CHICAGO/O'HARE	55	39	64	29	47	0	1.68	1.02	1.07	5.78	94	38.15	123	89	69	0	1	4	2	
MOLINE	58	36	64	25	47	-1	1.85	1.19	1.60	4.21	68	36.82	111	90	69	0	3	3	1	
PEORIA	59	39	65	29	49	1	2.35	1.74	1.19	7.01	116	38.84	126	91	60	0	2	4	2	
ROCKFORD	55	36	63	26	46	0	1.40	0.83	0.80	4.83	78	36.84	115	90	71	0	3	3	2	
SPRINGFIELD	61	37	68	23	49	-1	2.27	1.67	1.11	4.85	86	35.53	117	97	58	0	3	3	2	
IN EVANSVILLE	65	43	75	33	54	1	1.25	0.52	0.96	8.91	149	44.25	120	91	62	0	0	4	1	
FORT WAYNE	57	38	64	29	48	0	1.90	1.28	1.70	5.64	100	37.96	123	92	61	0	2	3	1	
INDIANAPOLIS	58	41	65	30	49	-1	0.00	-0.70	0.00	2.86	49	32.81	95	93	62	0	2	0	0	
SOUTH BEND	57	38	64	31	47	-1	2.36	1.63	1.15	8.64	119	35.62	107	87	65	0	2	4	2	
IA BURLINGTON	59	39	66	24	49	-1	2.48	1.87	2.21	4.21	63	31.26	94	95	58	0	2	3	1	
CEDAR RAPIDS	56	37	61	23	47	1	0.52	0.03	0.41	5.18	92	34.58	116	91	58	0	2	3	0	
DES MOINES	58	40	64	29	49	2	0.83	0.25	0.82	6.35	107	29.89	95	83	61	0	1	2	1	
DUBUQUE	53	34	61	24	44	-1	0.42	-0.14	0.22	4.19	67	34.90	111	94	73	0	2	2	0	
SIoux CITY	55	35	65	25	45	0	0.30	-0.11	0.10	5.26	116	25.39	106	93	65	0	3	4	0	
WATERLOO	56	35	60	21	45	0	0.67	0.12	0.62	3.63	65	37.91	126	89	67	0	3	2	1	
KS CONCORDIA	61	39	73	32	50	0	0.05	-0.31	0.03	1.93	43	25.50	97	85	64	0	1	2	0	
DODGE CITY	63	39	75	31	51	0	1.78	1.48	1.60	3.96	123	19.44	94	83	47	0	1	3	1	
GOODLAND	56	34	74	27	45	-1	0.03	-0.22	0.02	7.75	346	16.54	89	82	51	0	2	2	0	
TOPEKA	64	41	74	27	53	2	2.89	2.28	1.35	8.21	120	32.67	102	87	64	0	1	4	3	

Weather Data for the Week Ending November 2, 2013

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 SEP 1	PCT. NORMAL SINCE SEP 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	67	44	73	29	55	2	2.03	1.55	1.17	5.10	92	39.61	145	89	64	0	1	4	2	
KY JACKSON	65	51	72	41	58	4	0.98	0.24	0.44	3.79	53	47.00	114	90	57	0	0	5	0	
LEXINGTON	64	45	70	34	55	3	1.72	1.11	0.87	7.94	133	51.58	134	91	63	0	0	4	2	
LOUISVILLE	66	47	70	36	56	2	2.09	1.42	1.36	12.66	210	44.47	119	90	51	0	0	4	1	
PADUCAH	69	47	78	35	58	5	1.14	0.34	0.93	9.17	126	49.93	123	91	56	0	0	3	1	
LA BATON ROUGE	78	57	83	51	68	4	1.26	0.36	1.26	10.78	121	63.43	119	98	57	0	0	1	1	
LAKE CHARLES	78	60	82	55	69	3	2.28	1.42	2.10	13.27	131	52.27	108	98	60	0	0	3	1	
NEW ORLEANS	79	62	83	55	70	4	0.36	-0.41	0.32	11.02	125	61.31	113	91	59	0	0	2	0	
SHREVEPORT	74	56	81	45	65	3	3.10	2.04	1.76	17.41	218	44.38	105	92	58	0	0	3	2	
ME CARIBOU	46	29	63	21	38	-1	1.23	0.54	0.62	10.21	158	44.95	144	91	63	0	5	4	1	
PORTLAND	57	34	69	24	46	2	0.48	-0.59	0.31	7.97	99	36.18	97	85	48	0	4	4	0	
MD BALTIMORE	66	43	73	33	55	4	0.29	-0.36	0.17	9.44	129	35.02	98	92	54	0	0	3	0	
MA BOSTON	61	43	72	35	52	2	0.14	-0.76	0.05	2.86	38	33.06	94	80	51	0	0	4	0	
WORCESTER	55	37	65	31	46	0	0.30	-0.77	0.16	4.82	52	37.82	92	88	50	0	2	3	0	
MI ALPENA	49	32	59	18	41	0	0.73	0.23	0.48	5.60	106	27.67	112	96	67	0	3	5	0	
GRAND RAPIDS	55	39	64	32	47	2	1.83	1.22	1.15	6.65	92	38.98	125	88	64	0	1	4	1	
HOUGHTON LAKE	50	32	59	18	41	-1	0.97	0.47	0.74	5.50	100	25.61	104	93	67	0	4	3	1	
LANSING	54	38	63	31	46	1	1.91	1.40	1.37	4.90	83	37.81	141	87	71	0	2	4	1	
MUSKOGON	54	39	62	34	47	2	1.47	0.80	1.10	6.68	102	37.94	139	84	63	0	0	4	1	
TRaverse CITY	52	38	63	25	45	1	1.41	0.78	0.87	10.41	155	36.31	128	84	57	0	2	5	1	
MN DULUTH	42	30	49	21	36	-2	0.20	-0.30	0.13	5.21	77	26.80	95	83	68	0	4	3	0	
INT'L FALLS	41	24	46	12	33	-3	0.01	-0.36	0.01	4.09	80	29.20	133	87	58	0	5	1	0	
MINNEAPOLIS	49	35	58	31	42	-1	0.17	-0.33	0.14	4.37	88	30.81	116	83	65	0	3	2	0	
ROCHESTER	51	35	60	26	43	2	0.02	-0.47	0.02	1.70	31	36.40	128	86	64	0	2	1	0	
ST. CLOUD	45	31	56	27	38	-1	0.08	-0.41	0.06	6.24	118	26.57	106	95	63	0	4	3	0	
MS JACKSON	75	55	80	46	65	5	1.59	0.69	1.41	9.47	137	53.25	116	94	55	0	0	3	1	
MERIDIAN	74	53	79	44	63	3	0.61	-0.20	0.40	5.67	79	55.20	114	96	63	0	0	2	0	
TUPELO	73	53	80	42	63	6	1.13	0.31	1.13	4.87	70	42.15	94	92	57	0	0	1	1	
MO COLUMBIA	63	42	71	31	53	2	1.63	0.89	1.13	5.26	77	38.35	111	89	58	0	1	3	1	
KANSAS CITY	63	42	69	28	52	1	1.95	1.39	0.92	9.61	118	32.27	94	87	56	0	1	3	2	
SAINT LOUIS	64	44	73	33	54	1	0.89	0.21	0.74	5.10	86	39.70	123	85	56	0	0	3	1	
SPRINGFIELD	64	45	67	31	55	1	3.31	2.52	2.35	9.16	107	47.31	126	90	70	0	1	4	2	
MT BILLINGS	49	29	60	19	39	-4	0.28	0.06	0.28	5.99	225	14.16	106	81	54	0	4	1	0	
BUTTE	44	18	59	6	31	-5	0.49	0.34	0.44	3.63	189	10.92	93	90	47	0	7	4	0	
CUT BANK	41	22	52	12	32	-6	0.08	0.00	0.06	2.93	175	12.68	108	83	55	0	6	2	0	
GLASGOW	45	25	56	21	35	-4	0.02	-0.09	0.02	2.02	117	14.60	139	86	70	0	7	1	0	
GREAT FALLS	45	23	60	10	34	-7	0.57	0.40	0.44	1.76	80	10.65	78	86	52	0	6	2	0	
HAVRE	44	24	56	16	34	-5	0.17	0.08	0.08	2.38	143	17.49	166	86	66	0	7	4	0	
MISSOULA	47	26	53	16	37	-3	0.11	-0.06	0.08	1.57	80	7.89	67	82	56	0	6	3	0	
NE GRAND ISLAND	57	35	73	30	46	0	0.41	0.09	0.32	6.43	160	25.84	108	88	63	0	2	2	0	
LINCOLN	59	35	72	25	47	-1	0.24	-0.15	0.16	4.81	97	25.24	97	85	59	0	1	3	0	
NORFOLK	55	34	71	28	44	-1	0.41	0.05	0.16	5.63	138	24.04	97	87	66	0	4	4	0	
NORTH PLATTE	56	27	73	20	41	-3	0.06	-0.18	0.06	6.74	256	21.10	114	90	50	0	5	1	0	
OMAHA	60	38	69	29	49	1	0.27	-0.17	0.16	6.50	118	27.74	100	86	63	0	1	3	0	
SCOTTSBLUFF	55	29	73	22	42	0	0.08	-0.11	0.03	3.84	168	12.16	81	89	52	0	7	4	0	
VALENTINE	50	28	72	22	39	-3	0.05	-0.16	0.01	4.61	160	22.24	120	92	62	0	7	3	0	
NV ELY	53	25	65	19	39	-2	0.19	0.00	0.17	2.46	123	6.61	74	88	56	0	7	2	0	
LAS VEGAS	72	51	85	47	62	-1	0.00	-0.04	0.00	0.35	61	1.54	41	40	27	0	0	0	0	
RENO	58	33	73	29	45	-2	0.05	-0.06	0.03	0.08	9	3.12	54	76	56	0	4	2	0	
WINNEMUCCA	53	27	72	20	40	-4	1.18	1.02	0.98	2.06	166	4.46	66	89	69	0	7	2	1	
NH CONCORD	57	27	68	17	42	-2	0.39	-0.43	0.23	6.36	93	34.66	111	98	50	0	5	3	0	
NJ NEWARK	64	46	71	36	55	3	0.21	-0.52	0.13	2.19	30	35.49	91	75	50	0	0	2	0	
NM ALBUQUERQUE	64	41	69	31	52	0	0.00	-0.20	0.00	4.13	194	8.02	95	60	25	0	1	0	0	
NY ALBANY	57	33	70	28	45	0	0.42	-0.33	0.29	7.24	107	38.74	120	88	52	0	4	3	0	
BINGHAMTON	53	37	65	31	45	1	0.82	0.15	0.61	5.95	87	36.24	112	83	60	0	1	4	1	
BUFFALO	55	38	67	31	47	0	1.56	0.80	1.28	10.87	150	38.50	117	88	56	0	2	4	1	
ROCHESTER	55	36	68	25	46	0	1.14	0.57	0.58	6.35	102	31.58	111	89	62	0	2	5	1	
SYRACUSE	56	36	69	24	46	0	0.91	0.20	0.56	7.49	99	34.06	102	84	54	0	2	5	1	
NC ASHEVILLE	67	47	75	42	57	6	0.27	-0.52	0.13	5.36	75	64.15	160	91	57	0	0	3	0	
CHARLOTTE	72	48	79	36	60	2	0.51	-0.29	0.51	4.05	52	39.38	106	96	52	0	0	1	1	
GREENSBORO	70	50	77	42	60	6	0.34	-0.29	0.34	3.58	46	41.97	113	90	49	0	0	1	0	
HATTERAS	73	56	77	46	64	2	0.95	-0.29	0.78	15.30	135	46.51	96	95	59	0	0	3	1	
RALEIGH	72	51	76	40	61	5	1.23	0.60	1.23	5.55	73	43.02	116	92	53	0	0	1	1	
WILMINGTON	76	52	81	42	64	3	1.12	0.58	0.95	4.43	44	47.14	94	93	51	0	0	2	1	
ND BISMARCK	43	25	56	20	34	-5	0.03	-0.20	0.03	9.14	310	25.46	162	88	68	0	7	1	0	
DICKINSON	43	26	57	22	35	-4	0.16	-0.07	0.09	7.80	258	20.96	135	86	57	0	7	3	0	
FARGO	44	29	52	22	37	-2	0.01	-0.38	0.01	8.59	202	30.50	155	84	59	0	5	1	0	
GRAND FORKS	45	24	53	16	35	-3	0.00	-0.34	0.00	4.45	119	18.68	103	89	53	0	6	0	0	
JAMESTOWN	42	27	53	20	35	-4	0.01	-0.24	0.01	6.31	197	15.54	89	93	57	0	6	1	0	
WILLISTON	46	27	57	21	36	-1	0.04	-0.10	0.02	3.98	176	19.87	153	83	63	0	6	2	0	
OH AKRON-CANTON	58	41	65	30	49	2	0.81	0.26	0.39	9.23	151	36.29	111	90	56	0	2	3	0	
CINCINNATI	62	43	66	32	53	2	1.16	0.42	0.97	9.33	156	42.37	117	92	58	0	1	3	1	
CLEVELAND	59	42	67	32	51	3	0.83	0.22	0.61	7.01	105	35.21	109	83	57	0	1	3	1	
COLUMBUS	61	43	67	31	52	2	1.06	0.50	1.04	8.54	158	35.17	108	86	52	0	2	2	1	
DAYTON	60	42	65	32	51	2	1.29	0.61	1.25	7.98	143	30.35	91	91	57	0	2	3	1	
MANSFIELD	58	40	66	30	49	2	1.47	0.77	1.17	8.01	127	36.94	101	100	58	0	2	4	1	

Based on 1971-2000 normals

\*\*\* Not Available

</

Weather Data for the Week Ending November 2, 2013

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 SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL IN, SINCE JAN 01	PCT. NORMAL SINCE JAN 01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE
OK TOLEDO	57	38	64	28	48	1	1.37	0.82	1.00	5.68	106	32.46	116	92	62	0	2	3	1
OK YOUNGSTOWN	59	38	66	29	49	2	0.76	0.25	0.44	5.65	87	32.86	102	91	57	0	3	3	0
OK OKLAHOMA CITY	71	51	76	40	61	4	0.25	-0.39	0.23	4.87	63	50.06	156	88	50	0	0	2	0
OR TULSA	70	50	76	36	60	2	1.14	0.34	0.84	6.04	67	29.41	80	81	53	0	0	4	1
OR ASTORIA	58	41	61	32	50	0	0.74	-1.04	0.56	13.40	153	49.74	106	92	74	0	1	4	1
OR BURNS	51	22	59	16	37	-3	0.19	0.00	0.12	2.25	176	6.17	75	90	78	0	7	5	0
OR EUGENE	58	39	62	28	48	-1	0.37	-0.87	0.27	8.02	152	17.95	52	94	79	0	2	5	0
OR MEDFORD	62	38	69	33	50	0	0.09	-0.34	0.08	3.04	137	7.59	60	87	51	0	0	2	0
OR PENDLETON	56	35	64	29	46	-2	0.36	0.07	0.16	2.64	154	7.91	81	82	58	0	2	3	0
OR PORTLAND	58	42	60	32	50	-1	0.92	0.01	0.56	7.47	155	22.75	87	91	77	0	1	4	1
OR SALEM	59	39	60	30	49	0	0.47	-0.53	0.41	8.12	170	20.08	73	93	71	0	2	2	0
PA ALLENTOWN	62	39	70	29	50	2	0.25	-0.49	0.13	4.72	60	39.57	103	84	54	0	1	2	0
PA ERIE	56	42	67	32	49	0	1.62	0.77	0.61	11.22	126	45.07	128	79	58	0	1	3	2
PA MIDDLETOWN	63	42	72	32	53	2	0.13	-0.53	0.08	12.28	185	36.55	108	91	46	0	1	2	0
PA PHILADELPHIA	65	47	71	39	56	3	0.23	-0.35	0.19	5.91	87	48.14	135	83	55	0	0	3	0
PA PITTSBURGH	60	41	70	28	51	3	0.39	-0.13	0.19	4.89	87	30.65	95	92	49	0	2	3	0
PA WILKES-BARRE	59	38	69	28	48	1	0.48	-0.16	0.38	3.36	48	21.71	68	88	49	0	3	3	0
PA WILLIAMSPORT	60	37	70	28	49	2	0.36	-0.35	0.26	4.71	64	26.32	75	80	53	0	2	3	0
RI PROVIDENCE	62	40	70	32	51	2	0.14	-0.79	0.09	5.25	69	36.06	94	84	54	0	1	3	0
SC BEAUFORT	79	54	84	42	66	2	1.02	0.39	1.00	3.44	41	44.28	100	94	46	0	0	2	1
SC CHARLESTON	78	53	83	42	66	4	1.19	0.61	0.85	7.58	82	53.63	117	92	47	0	0	2	1
SC COLUMBIA	78	51	82	39	65	5	1.15	0.50	1.15	5.17	74	48.68	115	93	48	0	0	1	1
SC GREENVILLE	72	50	78	40	61	5	0.16	-0.69	0.12	4.53	56	58.88	138	95	54	0	0	2	0
SD ABERDEEN	43	26	56	22	35	-5	0.38	0.07	0.35	7.18	204	20.92	109	94	75	0	7	3	0
SD HURON	47	31	58	26	39	-3	0.19	-0.11	0.17	6.81	196	24.02	122	90	61	0	5	3	0
SD RAPID CITY	47	28	65	25	38	-4	0.14	-0.12	0.10	5.72	225	19.79	126	86	58	0	6	2	0
SD SIOUX FALLS	49	33	63	29	41	-1	0.23	-0.16	0.20	3.80	82	24.22	106	90	68	0	3	2	0
TN BRISTOL	69	48	75	38	58	7	0.36	-0.14	0.27	2.84	51	47.70	136	89	43	0	0	4	0
TN CHATTANOOGA	71	51	80	44	61	5	0.31	-0.48	0.17	2.57	33	56.76	126	91	57	0	0	3	0
TN KNOXVILLE	72	53	80	43	63	9	0.37	-0.27	0.37	5.73	97	57.10	143	83	46	0	0	1	0
TN MEMPHIS	71	54	75	41	62	3	1.22	0.33	1.21	5.99	87	51.94	119	90	60	0	0	2	1
TN NASHVILLE	69	52	80	43	61	6	0.83	0.12	0.82	6.89	103	44.39	113	91	53	0	0	2	1
TX ABILENE	75	55	82	36	65	4	0.00	-0.53	0.00	4.52	76	20.85	98	70	48	0	0	0	0
TX AMARILLO	71	42	77	33	57	4	0.00	-0.29	0.00	2.01	58	14.38	78	77	27	0	0	0	0
TX AUSTIN	81	59	85	46	70	4	3.54	2.71	2.79	14.89	209	34.11	119	88	66	0	0	3	1
TX BEAUMONT	79	62	83	53	70	4	4.05	3.07	3.28	16.19	147	51.39	102	97	61	0	0	4	1
TX BROWNSVILLE	86	71	88	58	79	7	0.34	-0.26	0.16	13.61	147	23.65	95	90	55	0	0	4	0
TX CORPUS CHRISTI	88	69	92	57	79	9	0.00	-0.64	0.00	8.76	96	19.76	68	86	55	1	0	0	0
TX DEL RIO	82	62	84	49	72	5	0.00	-0.33	0.00	5.84	141	14.33	86	80	59	0	0	0	0
TX EL PASO	74	49	80	39	61	1	0.00	-0.09	0.00	3.85	158	9.15	111	44	18	0	0	0	0
TX FORT WORTH	73	57	77	48	65	3	0.11	-0.74	0.10	5.86	87	24.53	82	86	56	0	0	2	0
TX GALVESTON	78	67	82	61	73	2	1.84	1.15	1.08	10.04	106	34.27	93	97	71	0	0	4	2
TX HOUSTON	79	60	84	51	69	2	4.45	3.43	1.57	12.38	136	33.59	83	92	73	0	0	4	3
TX LUBBOCK	73	47	79	31	60	4	0.04	-0.21	0.04	1.69	39	11.47	66	75	45	0	1	1	0
TX MIDLAND	74	53	79	40	64	4	0.00	-0.25	0.00	1.93	47	6.49	48	70	51	0	0	0	0
TX SAN ANGELO	76	53	82	36	65	4	0.08	-0.34	0.06	6.17	110	17.94	95	84	58	0	0	2	0
TX SAN ANTONIO	84	64	86	52	74	7	0.84	0.01	0.72	6.51	92	29.95	105	85	44	0	0	2	1
TX VICTORIA	86	63	89	51	74	5	0.40	-0.36	0.34	8.38	88	23.30	66	91	59	0	0	2	0
TX WACO	77	55	81	42	66	2	1.38	0.67	0.71	12.73	189	34.15	121	94	74	0	0	2	2
TX WICHITA FALLS	74	54	82	42	64	4	0.00	-0.57	0.00	3.92	61	19.40	76	82	60	0	0	0	0
UT SALT LAKE CITY	62	42	74	39	52	4	0.13	-0.20	0.11	1.87	63	9.33	67	67	32	0	0	2	0
VT BURLINGTON	53	33	71	22	43	-1	0.51	-0.18	0.22	7.70	108	40.39	130	86	54	0	3	4	0
VA LYNCHBURG	68	44	73	33	56	4	0.07	-0.62	0.05	2.86	38	36.58	99	94	53	0	0	2	0
VA NORFOLK	71	53	77	44	62	5	0.39	-0.34	0.39	5.45	71	38.70	97	92	51	0	0	1	0
VA RICHMOND	72	51	77	40	61	7	0.01	-0.73	0.01	5.66	73	44.56	117	86	50	0	0	1	0
VA ROANOKE	69	48	77	38	59	6	0.12	-0.56	0.07	3.40	47	45.71	125	82	51	0	0	3	0
VA WASH/DULLES	67	44	77	34	56	5	0.17	-0.57	0.14	9.27	125	37.13	104	86	49	0	0	2	0
WA OLYMPIA	***	***	***	***	***	***	***	***	***	12.00	181	35.26	100	***	***	***	***	***	***
WA QUILLAYUTE	60	45	66	33	52	4	1.72	-1.14	0.88	14.05	95	75.88	104	79	63	0	0	5	1
WA SEATTLE-TACOMA	59	46	64	39	53	4	0.65	-0.35	0.55	8.28	161	27.68	107	78	65	0	0	4	1
WA SPOKANE	49	32	55	25	41	-1	0.31	-0.02	0.30	1.95	102	9.42	77	84	47	0	3	2	0
WA YAKIMA	59	30	68	21	45	1	0.27	0.12	0.15	0.58	60	4.95	84	81	52	0	5	2	0
WV BECKLEY	61	46	67	37	53	4	1.06	0.50	0.62	3.88	64	33.85	95	88	58	0	0	5	1
WV CHARLESTON	65	46	74	34	55	4	0.50	-0.14	0.27	3.95	63	38.00	102	95	56	0	0	3	0
WV ELKINS	61	37	69	28	49	3	0.50	-0.14	0.35	4.06	59	36.97	94	94	49	0	3	4	0
WV HUNTINGTON	66	47	75	34	56	5	0.66	0.00	0.38	4.20	73	36.62	102	91	57	0	0	4	0
WI EAU CLAIRE	49	31	60	25	40	-2	0.30	-0.17	0.24	5.34	87	32.98	113	94	64	0	4	3	0
WI GREEN BAY	50	34	58	24	42	-1	1.43	0.93	1.16	6.08	112	30.07	117	91	69	0	3	3	1
WI LA CROSSE	53	38	61	31	45	0	0.12	-0.35	0.11	5.46	96	32.60	112	84	56	0	2	2	0
WI MADISON	51	36	62	27	44	0	0.62	0.12	0.57	5.13	95	41.61	143	90	71	0	2	3	1
WI MILWAUKEE	53	40	64	35	46	-1	1.03	0.46	0.95	5.19	87	35.32	117	87	70	0	0	3	1
WY CASPER	52	27	66	24	40	-1	0.00	-0.22	0.00	4.40	202	13.60	117	82	52	0	6	0	0
WY CHEYENNE	49	28	65	24	39	-1	0.26	0.15	0.24	8.93	402	17.42	121	81	54	0	7	3	0
WY LANDER	47	26	65	17	36	-4	0.80	0.52	0.79	6.87	265	14.74	124	84	48	0	6	2	1
WY SHERIDAN	49	26	63	22	38	-2	0.11	-0.15	0.10	6.51	228	16.50	124	85	66	0	7	2	0

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

October 28 – November 3, 2013

*Weekly National Agricultural Summary provided by USDA/NASS*

### HIGHLIGHTS

**Cool, wet weather conditions slowed fieldwork across most of the Ohio Valley and lower Mississippi Valley during the week. Elsewhere, drier conditions across the northern Great Plains promoted rapid fieldwork, despite**

**temperatures averaging more than 5°F below normal in some locations. Heavy precipitation covered much of eastern Kansas, with some areas receiving 800 percent of the normal weekly precipitation.**

**Corn:** Nationally, 73 percent of the corn was harvested by week's end, 22 percentage points behind last year but 2 points ahead of the 5-year average. Iowa farmers harvested 20 percent of their corn for grain for the second week in a row. Seventy-five percent has now been harvested in Iowa, 4 percentage points ahead of normal. With corn harvest advancing ahead of the normal pace in Iowa, this marked the first time all season corn progress was ahead of the 5-year average.

**Soybeans:** Eighty-six percent of the soybean crop was harvested by week's end, 6 percentage points behind last year but slightly ahead of the 5-year average. For the second consecutive week, North Dakota producers harvested at least 17 percent of their soybean crop.

**Cotton:** Nationwide, 95 percent of the cotton crop had open bolls by week's end. This was 3 percentage points behind last year and 2 points behind the 5-year average. By November 3, forty-three percent of the cotton crop was harvested, 18 percentage points behind last year and 11 points behind the 5-year average. Overall, 43 percent of the cotton crop was reported in good to excellent condition, down slightly from last week. Comparison data for 2012 was unavailable due to the early harvest of last year's crop.

**Winter Wheat:** By November 3, producers had sown 91 percent of the nation's intended 2014 acreage. This

was identical to last year's pace but slightly ahead of the 5-year average. Nationally, 78 percent of the winter wheat was emerged by week's end, 6 percentage points ahead of last year and 5 points ahead of the 5-year average. Overall, 63 percent of the winter wheat crop was reported in good to excellent condition, up 2 percentage points from last week and 24 percentage points better than the same time last year.

**Sorghum:** By week's end, 75 percent of the sorghum crop had been harvested, 2 percentage points behind last year but 6 points ahead of the 5-year average.

**Rice:** Ninety-eight percent of the nation's rice crop was harvested by November 3, three percentage points ahead of both last year and the 5-year average.

**Other Crops:** Producers had harvested 84 percent of the nation's peanut crop by November 3, two percentage points behind last year but 6 points ahead of the 5-year average.

By week's end, 93 percent of the nation's sugarbeet acreage had been harvested, 4 percentage points ahead of last year and 3 points ahead of the 5-year average.

By November 3, thirty-two percent of the sunflower crop was harvested, 57 percentage points behind last year and 29 points behind the 5-year average.

**Crop Progress and Condition**

**Week Ending November 3, 2013**

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

Corn Percent Harvested				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
CO	89	59	80	73
IL	97	74	83	76
IN	88	59	74	72
IA	98	55	75	71
KS	99	81	87	84
KY	98	76	83	93
MI	72	31	48	54
MN	100	48	73	72
MO	100	77	82	82
NE	97	55	71	66
NC	97	97	98	98
ND	97	33	47	56
OH	73	49	64	58
PA	71	54	66	61
SD	100	49	63	65
TN	99	84	88	97
TX	99	92	97	93
WI	86	39	50	58
18 Sts	95	59	73	71
These 18 States harvested 93% of last year's corn acreage.				

Soybeans Percent Harvested				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
AR	92	60	74	78
IL	95	85	92	85
IN	88	78	88	87
IA	99	87	95	91
KS	84	75	81	80
KY	81	38	51	76
LA	99	96	99	96
MI	93	66	83	87
MN	100	91	96	92
MS	99	89	94	92
MO	77	51	64	72
NE	100	94	97	93
NC	25	11	19	28
ND	100	73	90	86
OH	85	81	91	85
SD	100	87	92	90
TN	78	36	46	74
WI	100	69	82	85
18 Sts	92	77	86	85
These 18 States harvested 95% of last year's soybean acreage.				

Sorghum Percent Harvested				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
AR	100	98	99	100
CO	59	35	59	56
IL	92	82	85	70
KS	72	53	67	59
LA	100	100	100	100
MO	85	58	70	73
NE	93	64	77	59
NM	29	4	14	26
OK	86	63	73	56
SD	100	53	71	76
TX	77	77	82	77
11 Sts	77	65	75	69
These 11 States harvested 98% of last year's sorghum acreage.				

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
AL	100	94	95	97
AZ	100	100	100	100
AR	100	100	100	100
CA	100	99	99	99
GA	98	89	93	100
KS	100	85	92	94
LA	100	100	100	100
MS	100	100	100	100
MO	100	84	96	99
NC	99	91	92	100
OK	98	89	94	98
SC	97	84	94	99
TN	100	84	95	100
TX	97	91	95	94
VA	100	100	100	100
15 Sts	98	92	95	97
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Harvested				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
AL	57	30	35	59
AZ	33	30	35	45
AR	96	54	75	81
CA	65	70	75	54
GA	51	26	34	50
KS	42	8	21	22
LA	99	92	98	87
MS	89	76	87	78
MO	81	26	46	75
NC	46	17	30	58
OK	57	21	33	40
SC	49	15	28	55
TN	84	13	21	74
TX	54	31	37	44
VA	48	29	35	64
15 Sts	61	34	43	54
These 15 States harvested 98% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	2	28	60	10
AZ	0	1	21	60	18
AR	2	8	16	48	26
CA	0	0	5	35	60
GA	4	11	38	37	10
KS	3	15	46	30	6
LA	0	0	19	57	24
MS	1	6	23	47	23
MO	4	17	33	44	2
NC	3	14	35	45	3
OK	24	20	18	32	6
SC	7	14	43	34	2
TN	2	9	29	45	15
TX	11	20	40	25	4
VA	0	5	15	67	13
15 Sts	8	15	34	34	9
Prev Wk	10	14	32	34	10
Prev Yr	NA	NA	NA	NA	NA

## Crop Progress and Condition

### Week Ending November 3, 2013

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

Winter Wheat Percent Planted				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
AR	72	44	66	59
CA	31	15	35	40
CO	100	98	100	99
ID	98	99	100	98
IL	94	89	95	84
IN	92	83	91	87
KS	98	94	96	94
MI	95	89	97	94
MO	81	51	64	70
MT	89	96	99	96
NE	100	99	100	100
NC	27	22	37	37
OH	89	90	97	90
OK	95	90	95	92
OR	93	91	97	94
SD	99	95	100	99
TX	86	75	84	83
WA	99	94	98	99
18 Sts	91	86	91	90
These 18 States planted 87% of last year's winter wheat acreage.				

Winter Wheat Percent Emerged				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
AR	45	24	38	36
CA	9	5	10	18
CO	84	87	93	91
ID	78	68	80	80
IL	70	47	75	64
IN	70	51	72	61
KS	85	74	86	81
MI	85	54	78	75
MO	58	26	43	46
MT	59	66	88	78
NE	82	94	97	94
NC	11	7	14	13
OH	61	70	81	65
OK	77	73	84	77
OR	67	33	63	57
SD	32	65	85	79
TX	68	56	69	62
WA	83	70	84	83
18 Sts	72	65	78	73
These 18 States planted 87% of last year's winter wheat acreage.				

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	0	3	32	61	4
CA	0	0	30	45	25
CO	0	5	30	54	11
ID	0	1	10	83	6
IL	0	2	31	65	2
IN	1	1	25	61	12
KS	1	3	36	55	5
MI	0	0	16	67	17
MO	0	1	49	48	2
MT	0	5	34	39	22
NE	1	4	26	62	7
NC	0	0	27	72	1
OH	0	1	14	67	18
OK	1	3	25	60	11
OR	0	0	27	73	0
SD	0	1	28	62	9
TX	7	13	39	31	10
WA	0	0	20	60	20
18 Sts	2	4	31	53	10
Prev Wk	1	3	35	54	7
Prev Yr	5	14	42	35	4

Peanuts Percent Harvested				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
AL	80	77	85	66
FL	93	79	91	90
GA	86	69	82	77
NC	85	70	94	85
OK	71	53	70	65
SC	89	83	89	88
TX	89	57	76	71
VA	76	69	90	82
8 Sts	86	71	84	78
These 8 States harvested 96% of last year's peanut acreage.				

Rice Percent Harvested				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
AR	100	92	96	96
CA	74	95	99	86
LA	100	100	100	100
MS	100	98	100	98
MO	100	89	97	95
TX	100	100	100	100
6 Sts	95	94	98	95
These 6 States harvested 100% of last year's rice acreage.				

Sugarbeets Percent Harvested				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
ID	90	75	93	86
MI	58	46	68	70
MN	96	84	99	95
ND	94	95	100	95
4 Sts	89	79	93	90
These 4 States harvested 84% of last year's sugarbeet acreage.				

Sunflowers Percent Harvested				
	Prev Year	Prev Week	Nov 3 2013	5-Yr Avg
CO	72	56	71	68
KS	69	47	60	55
ND	88	12	26	59
SD	95	27	31	63
4 Sts	89	21	32	61
These 4 States harvested 88% of last year's sunflower acreage.				

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 were 5.9. Topsoil moisture 4% very short, 33% short, 62% adequate, and 1% surplus. Soybeans dropping leaves 98%, 94% last week, 98% 2012, and 97% five-year average. Soybeans harvested 45%, 38% last week, 56% 2012, and 61% five-year average. Soybean condition 0% very poor, 1% poor, 14% fair, 59% good, and 26% excellent. Livestock condition 0% very poor, 1% poor, 14% fair, 73% good, and 12% excellent. Pasture and range condition 1% very poor, 5% poor, 34% fair, 54% good, and 6% excellent. The week's average mean temperatures ranged from 59.5°F in Crossville, to 66.9°F in Mobile; total precipitation ranged from 0.10 inches in Huntsville, to 0.95 inches in Geneva. Pleasant fall-like temperatures were experienced in Alabama last week. Some widespread rain showers occurred later in the week, temporarily bringing harvest to a halt; But activities resumed quickly. Soybean condition remained relatively unchanged at mostly good to excellent. Harvesting continued after being interrupted by rain showers. Livestock condition was rated mostly good. Although some rain was received late in the week, winter forages could use more moisture to speed up germination and spur growth.

**ALASKA:** DATA NOT AVAILABLE.

**ARIZONA:** Temperatures were mostly below normal across the State for the week ending November 3, 2013, ranging from 7 degrees below normal at Parker to 2 degrees above normal at various locations. The highest temperature of the week was 93 degrees recorded at Yuma. The lowest reading was 15 degrees at the Grand Canyon. Seven of the twenty-two weather stations recorded precipitation last week. Kingman received the least precipitation at 0.01 inches and Tucson received the most at 0.12 inches. Eleven of the 22 stations have received more than 75 percent of normal precipitation to date. Dairies continue to work around the clock. Winds have reduced forage and moisture conditions across the State, as temperatures are starting to cool down. Range and Pastures were rated in mostly very poor to good condition, depending on location.

**ARKANSAS:** Days suitable for fieldwork 4.7. Topsoil moisture 0% very short, 6% short, 75% adequate, 19% surplus. Subsoil moisture 1% very short, 13% short, 73% adequate, 13% surplus. Most of the State received significant rainfall mid-week. By the end of last week, the major row crops were in mostly fair to good condition. Livestock were in mostly fair to good condition last week. Hay condition was mostly fair to good. Producers continued to harvest crops as weather permitted.

**CALIFORNIA:** Active weather occurred across California at the beginning of the week as a low pressure system brought widespread showers and cooler temperatures. Total amounts of precipitation were generally light, with some moderate amounts reported along the Central and Northern Coasts as well as the northern mountains and Sierra Nevada's. Cool temperatures and light showers persisted into Tuesday as a broad area of low pressure remained over the State. A high pressure ridge was beginning to develop over California by Wednesday and resulted in drier and warmer conditions through Friday. Temperatures began to cool again on Saturday as a weather system impacting the Pacific Northwest brushed California. Cool temperatures and gusty northerly winds developed across much of the State by Sunday. Cotton harvest was in full-swing

and the crop was three-quarters harvested by week's end. Reporters noted that there was isolated midweek rain, but not enough to cause staining. Alfalfa growers continued to cut, windrow, rake and bale with good drying conditions across the State. Reporters commented that producers were between their 6th and 8th cuttings of the year. Over a third of the winter wheat fields were planted and some early planted wheat had emerged by week's end. Farmers have begun to plant into dry soil and are waiting for rainfall to start germination. The winter wheat crop conditions were rated 75 percent fair-to-good. Harvested fruit orchards and vineyards were irrigated and pruned. Olive harvest was ongoing and harvested groves were sprayed with copper. Raisin grape harvest was nearly complete. Late wine grape and table grape harvest continued. Fuyu and Hachiya persimmon harvests were ongoing. Pomegranate and kiwi harvests continued. Asian pear harvest was ongoing. Apple harvest continued, including Fuji, Granny Smith and Pink Lady varieties. Satsuma mandarin and tangerine harvests remained active. Navel Orange harvest increased and maturity tests looked good. Lemon harvest was ongoing in the Imperial and San Joaquin Valleys. Oroblanco grapefruit and pomelo harvests were ongoing. Almond harvest was nearly complete. Pistachio and walnut harvests were slowing. Harvested nut orchards were irrigated, fertilized and pruned. Tulare County reported pumpkins, squash, broccoli, cabbage and eggplant were sold at farmers markets and planting for spring harvest continued. Carrots were harvested in Fresno County and processing tomato harvest was in the final stage. Stanislaus County reported pumpkins, cauliflower and cantaloupes were harvested. Harvest was complete for beans and tomatoes. Basil was growing well and nearing harvest. Broccoli was planted and sprayed for fungus prevention. Pumpkin patches were filled with people in San Mateo County and leafy vegetables such as Swiss chard were harvested. Sutter County reported that farmer's markets have closed for the season. Range and non-irrigated pasture remained in fair to very poor condition. More than the week's precipitation was needed to improve foothill and valley rangeland conditions. Cattle continued to be moved down from higher range in anticipation of winter. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Livestock supplemental feeding of hay and grain was ongoing. Calving season continued.

**COLORADO:** Days suitable for field work 6.3 days. Topsoil moisture 4% very short, 36% short, 60% adequate. Subsoil moisture 12% very short, 37% short, 51% adequate. Dry Beans harvested 98%, 100% 2012, 98% avg. Alfalfa 4th cutting 93%, 100% 2012, 83% avg. Dry onions harvested 98%, 100% 2012, 100% avg. Sugarbeets harvested 89%, 92% 2012, 86% avg. Livestock condition 1% very poor, 3% poor, 22% fair, 72% good, 2% excellent. Continued dry weather helped with harvest activities, while localized precipitation in some areas improved soil moisture, pasture and range conditions.

**DELAWARE:** Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 23% short, 76% adequate, 1% surplus. Subsoil moisture 0% very short, 20% short, 80% adequate, 0% surplus. Hay supplies 0% very short, 30% short, 65% adequate, 5% surplus. Other hay fourth cutting 75% this week, 60% last week, 78% last year, 63% average. Alfalfa hay fourth cutting 100% this week, 100% last week, 100% last year, 91% average. Pasture condition 2% very poor, 4% poor, 57% fair,

33% good, 4% excellent. Soybean condition 2% very poor, 7% poor, 30% fair, 55% good, 6% excellent. Winter wheat condition 0% very poor, 0% poor, 0% fair, 96% good, 4% excellent. Corn harvested for grain 97% this week, 95% last week, 99% last year, 95% average. Soybeans dropping leaves 99% this week, 96% last week, 100% last year, 96% average. Soybeans harvested 54% this week, 34% last week, 64% last year, 52% average. Barley planted 98% this week, 96% last week, 98% last year, 95% average. Winter Wheat planted 72% this week, 67% last week, 85% last year, 74% average. Lima Beans harvested 100% this week, 97% last week, 100% last year, 100% average.

**FLORIDA:** Topsoil moisture 1% very short, 43% short, 55% adequate, 1% surplus. Subsoil moisture 1% very short, 36% short, 61% adequate, 2% surplus. Rain slowed peanut, cotton harvesting. Winter grazing planted in Gulf, Jackson counties. Vegetable harvesting continued for cucumbers, squash, tomatoes, peppers, eggplant, herbs, fall watermelons. Land preparation, planting continued in south Florida. Cabbage, leafy greens planted in Flagler, Putnam counties. Vegetables, fruits being marketed; eggplant, cucumbers, squash, tomatoes, fall watermelons, some specialty items. Pasture Condition 1% poor, 30% fair, 65% good, 4% excellent. Cattle Condition 1% poor, 19% fair, 70% good, 10% excellent. Disease/pests first limiting factor for poor pasture condition. Pasture condition also down due to cooler temperatures, dryer weather. Rain light, scattered in citrus growing area. Trees still look good. Fruit size inconsistent, oranges reported as slightly larger than golf balls, some closer to baseball size. Grapefruit running larger than oranges. Grove activity included resetting new trees, pushing dead groves, mowing, fertilizing, psyllid control. Thirty-one of 44 packinghouses open, small quantities shipped. Seven of 19 processing plants open.

**GEORGIA:** Days suitable for fieldwork 5.9. Topsoil moisture 7% very short, 34% short, 57% adequate, 2% surplus. Subsoil moisture 7% very short, 29% short, 63% adequate, 1% surplus. Range and pasture 6% very poor, 15% poor, 44% fair, 29% good, 6% excellent. Hay third cutting 88%, 94% 2012. Oats planted 54%, 44% 2012, 51% avg. Onions transplanted 21%, 5% 2012, 3% avg. Pecans 2% very poor, 17% poor, 32% fair, 41% good, 8% excellent. Pecans 24%, 35% 2012, 24% avg. Rye 1% very poor, 5% poor, 56% fair, 38% good. Rye planted 62%, 52% 2012, 57% avg. Sorghum harvested 59%, 51% 2012, 56% avg. Soybeans 4% very poor, 9% poor, 35% fair, 44% good, 8% excellent. Soybeans 34%, 49% 2012, 33% avg. Winter wheat planted 17%, 28% 2012, 23% avg. Precipitation estimates for the State ranged from no rain up to 1.9 inches. Average high temperatures ranged from the mid 60s to the high 70s. Average low temperatures ranged from the low 40s to the mid 50s.

**HAWAII:** Days suitable for fieldwork 7.0. Topsoil moisture 20% very short, 66% short, 14% adequate, 0% surplus. The average weekly total rainfall across the State was 0.76 inch of measurable precipitation. The total drought-free area in the State was 13.83 percent on October 29, 2013, unchanged from the previous week's reading. Ratings for moderate drought dropped from 61.58 to 54.20 percent, severe dropped from 20.08 to 20.06 while extreme ratings rose from 3.95 to 4.06 percent area. All portions were rated in some stage of drought except for the windward coasts and slopes of Oahu and Kauai Islands. Extreme drought was rated for the southern leeward coast of Maui Island and a portion of the South Kohala district and Kau on the Big Island of Hawaii, and a small portion of Molokai Island. Oahu Island State irrigation reservoir water levels were identical on Friday, November 1, 2013, compared to the previous week's level. The State operated reservoir's capacity on Molokai Island was down 0.25 foot on Friday,

November 1, 2013, compared to the previous week's level. The Hawaii County Puukapu reservoir was down 0.50 foot on Friday, November 1, 2013, compared to the previous week's level. The Puu Pulehu Reservoir which also feeds into the Waimea irrigation system was down 1.20 foot on November 1, 2013, compared to the previous week's level. A mandatory 10 percent reduction was effectively put in force on November 4, 2013, for this Hawaii County irrigation system.

**IDAHO:** Days suitable for field work 6.3 days. Topsoil moisture 7% very short, 28% short, 65% adequate, 0% surplus. Field corn harvested for grain 50%, 56% 2012, 40% avg. Field corn harvested for silage 97%, 100% 2012, 98% avg. Irrigation water supply 23% very poor, 61% poor, 9% fair, 7% good, 0% excellent. Range and pasture 7% very poor, 17% poor, 32% fair, 40% good, 4% excellent. Winter wheat condition 0% very poor, 1% poor, 10% fair, 83% good, 6% excellent. University of Idaho extension educators report great fall weather for fieldwork. Both sugarbeet harvest and winter wheat emergence continue to advance. Most crops are progressing close to their 5-year average. Corn Silage harvest is drawing to a close.

**ILLINOIS:** Days suitable for fieldwork 4.2. Topsoil moisture 7% very short, 23% short, 67% adequate, 3% surplus. Subsoil moisture 11% very short, 40% short, 48% adequate, 1% surplus. Widespread rains slowed corn and soybean harvest across the State last week. Statewide precipitation averaged 2.07 inches, 1.26 inches above normal. Temperatures averaged 48.7 degrees, 2.1 degrees below normal. Activities included corn, soybean, and sorghum harvest, and fall tillage and fertilizer applications.

**INDIANA:** Days suitable for fieldwork 3.8. Topsoil moisture 2% very short, 8% short, 65% adequate, 25% surplus. Subsoil moisture 4% very short, 17% short, 72% adequate, 7% surplus. Moisture content of harvested corn 18%. Moisture content of harvested soybeans 13%. Temperatures ranged from 5o above normal to 3o above normal with a low of 23o and a high of 75o. Precipitation ranged from 0.95 to 2.90 inches. Rain this week slowed harvesting and tilling across the State according to the Indiana Field Office of USDA's National Agricultural Statistics Service. The corn and soybean harvests are nearing completion and could be finished quickly if farmers are given a period of dry weather, according to reports. Minimal lodging damage in corn was reported after strong winds on Thursday. Winter Wheat remained in good condition.

**IOWA:** Days suitable for fieldwork 4.7. Topsoil moisture 14% very short, 29% short, 56% adequate, and 1% surplus. Subsoil moisture 26% very short, 38% short, 35% adequate, and 1% surplus. Off-farm grain storage availability 5% short, 77% adequate, and 18% surplus. On-farm grain storage availability 13% short, 73% adequate and 14% surplus. Hay and roughage supplies 15% short, 76% adequate, and 9% surplus. Quality of hay and roughage 9% poor, 41% fair and 50% good. Corn harvest advanced rapidly in Iowa during the week. With corn harvest advancing ahead of the normal pace, this marked the first time all season corn progress was ahead of the 5-year average. Other activities for the week included fall tillage, manure hauling, and nitrogen application. Some farmers were waiting to harvest high moisture corn or were storing it on-farm to avoid extra drying costs. Some farmers reported weaning calves and moving livestock to graze on corn stubble.

**KANSAS:** Days suitable for field work 4.0. Topsoil moisture 8% very short, 21% short, 59% adequate, 12% surplus. Subsoil moisture 16% very short, 28% short, 53% adequate, and 3% surplus. Sunflowers turned brown 96%, 99% 2012, 93% avg. Alfalfa fourth cutting 89%, 84% 2012, 92% avg. Stock water supplies 9% very short, 15% short, 72% adequate, 4% surplus.

The week ending November 3, 2013, harvest progress was hindered by precipitation early in the week across much of southern and eastern Kansas. Many eastern areas received over an inch of rain and some southeastern areas received five inches or more. However, much of western Kansas remained dry.

**KENTUCKY:** Days suitable 4.1. Topsoil moisture 1% very short, 6% short, 79% adequate, 14% surplus. Subsoil moisture 1% very short, 11% short, 80% adequate, 8% surplus. Precipitation averaged 1.20 in., 0.43 in. above normal. Temperatures averaged 56 degrees, 3 degrees warmer than normal. Soybeans mature 90%, 99% 2012, 99% avg. Soybeans condition 1% very poor, 2% poor, 11% fair, 52% good, 34% excellent. Burley tobacco stripped 27%, 25% 2012, 26% avg. Condition of housed tobacco 1% very poor, 4% poor, 20% fair, 58% good, 17% excellent. Condition of stripped tobacco 3% poor, 16% fair, 65% good, 16% excellent. Wheat planted 50%, 73% 2012, 68% avg. Wheat emerged 20%. Wheat condition 1% very poor, 1% poor, 27% fair, 53% good, 18% excellent. This week consisted of very wet and windy conditions. Primary activities this week included harvesting corn and soybeans, stripping tobacco and seeding winter wheat.

**LOUISIANA:** Days suitable for fieldwork, 5.2. Soil moisture 1% very short, 9% short, 70% adequate, 20% surplus. Pecans harvested 32% this week, 21% last week, 46% last year, 39% average; Pecans condition 6% very poor, 14% poor, 40% fair, 39% good, 1% excellent. Sugarcane harvested 31% this week, 25% last week, 42% last year, 34% average; Sugarcane condition 2% very poor, 5% poor, 24% fair, 53% good, 16% excellent. Sweet Potatoes harvested 92% this week, 88% last week, 87% last year, 76% average. Winter Wheat planted 50% this week, 27% last week, 40% last year, 30% average; Winter Wheat emerged 16% this week, 8% last week, 10% last year, 10% average; Winter Wheat condition 1% poor, 30% fair, 66% good, 3% excellent. Vegetables condition 2% very poor, 13% poor, 36% fair, 45% good, 4% excellent. Pasture condition 2% very poor, 14% poor, 47% fair, 35% good, 2% excellent. Livestock condition 5% poor, 30% fair, 59% good, 6% excellent.

**MARYLAND:** Days suitable for fieldwork 6.0. Topsoil moisture 0% very short, 14% short, 82% adequate, 4% surplus. Subsoil moisture 1% very short, 23% short, 76% adequate, 0% surplus. Hay supplies 6% very short, 7% short, 73% adequate, 14% surplus. Other hay fourth cutting 54% this week, 41% last week, 19% last year, 49% average. Alfalfa hay fourth cutting 100% this week, 98% last week, 100% last year, 96% average. Pasture condition 1% very poor, 6% poor, 19% fair, 61% good, 13% excellent. Soybean condition 0% very poor, 9% poor, 21% fair, 42% good, 28% excellent. Winter wheat condition 0% very poor, 3% poor, 16% fair, 70% good, 11% excellent. Corn harvested for grain 92% this week, 89% last week, 93% last year, 89% average. Soybeans dropping leaves 98% this week, 94% last week, 100% last year, 96% average. Soybeans harvested 54% this week, 50% last week, 59% last year, 56% average. Barley planted 98% this week, 91% last week, 96% last year, 94% average. Winter Wheat planted 85% this week, 72% last week, 85% last year, 80% average. Lima beans harvested 100% this week, 95% last week, 100% last year, 100% average.

**MICHIGAN:** Days suitable for fieldwork 4. Topsoil 0% very short, 4% short, 53% adequate, 43% surplus. Subsoil 1% very short, 14% short, 74% adequate, 11% surplus. Corn 2% very poor, 7% poor, 21% fair, 49% good, 21% excellent. Pasture 9% very poor, 12% poor, 30% fair, 34% good, 15% excellent. Fourth cutting hay 92%, 98% 2012, 82% avg. Most parts of the State saw freezing weather this week, with temperatures ranging from 66oF to 15oF Statewide. Weekly accumulated

rainfall of over 1.5 inches was the norm for most regions of the State. Harvest for corn and soybeans, although still behind five-year averages, progressed steadily for the first part of the week until midweek rains drowned out further activity. Winter wheat planting concluded with emergence on pace with the average. Despite adverse weather, physical condition ratings of field crops and pastureland are mostly good to excellent.

**MINNESOTA:** Days suitable for fieldwork 5.0. Topsoil moisture 2% Very Short, 10% Short, 80% Adequate, 8% Surplus. Subsoil moisture 3% Very Short, 25% Short, 70% Adequate, 2% Surplus. Corn, percent moisture 19%. Soybeans, percent moisture 13%. Canola harvested 94%, 100% 2012, 100% average. Sunflowers, harvested 65%, 100% 2012, 75% average.

**MISSISSIPPI:** Days suitable for fieldwork 4.6. Soil moisture 0% very short, 5% short, 88% adequate, 7% surplus. Sorghum harvested 93%, 100% 2012, 95% avg. Sweet potatoes harvested 92%, 90% 2012, 84% avg. Winter wheat planted 51%, 47% 2012, 44% avg. Winter wheat emerged 29%, 22% 2012, 24% avg. Winter wheat 0% very poor, 0% poor, 42% fair, 57% good, 1% excellent. Livestock condition 0% very poor, 1% poor, 25% fair, 66% good, 8% excellent. Range and pasture 3% very poor, 17% poor, 32% fair, 46% good, 2% excellent. Rains mid-week halted all harvest and field work. Only a few acres of cotton, soybeans, and peanuts remain in the field. Many growers have made good progress with fall fieldwork but cooler temperatures and shorter days will make the soil slow to dry out. Soil moisture rated 0 percent very short, 5 percent short, 88 percent adequate, and 7 percent surplus.

**MISSOURI:** Days suitable for fieldwork 3.2. Topsoil moisture 4% very short, 20% short, 66% adequate, 10% surplus. Subsoil moisture supply 14% very short, 37% short, 48% adequate, 1% surplus. Supply of hay and other roughages 1% very short, 8% short, 78% adequate, 13% surplus. Stock water supplies 1% very short, 16% short, 81% adequate, 2% surplus. Corn moisture at harvest 16.5%. Fall tillage 42%, 70% 2012, 52% average. Rains limited harvest progress across the State. Temperatures were 1 degree below average to 3 degrees above average across the State. Precipitation averaged 2.30 inches Statewide. The west-central districted received 3.39 inches. Vernon County reported 5.11 inches.

**MONTANA:** Days suitable for field work 4.2, 4.8 last year. Topsoil moisture 4% very short, 22% last year; 24% short, 37% last year; 71% adequate, 40% last year; 1% surplus, 1% last year. Subsoil moisture 6% very short, 35% last year; 26% short, 43% last year; 66% adequate, 22% last year; 2% surplus, 0% last year. Corn harvested for grain 66%, 67% last year. Corn condition 1% very poor, 2% poor, 44% fair, 36% good, 17% excellent. Sugar beets harvested 97%, 99% last year. Range and pasture feed condition 6% very poor, 43% last year; 9% poor, 29% last year; 34% fair, 21% last year; 44% good, 7% last year; 7% excellent, 0% last year. Livestock moved from summer ranges – cattle & calves 81%, 86% last year. Livestock moved from summer ranges – sheep & lambs 86%, 92% last year. Livestock receiving supplemental feed – cattle & calves 17%, 39% last year. Livestock receiving supplemental feed – sheep & lambs 28%, 49% last year. The week ending November 3 started cold and wintry with snow in many parts of Montana but the latter half of the week was comparatively dry and mild.

**NEBRASKA:** Days suitable for fieldwork 5.0 days. Topsoil moisture 6% very short, 21% short, 71% adequate, 2% surplus. Subsoil moisture 14% very short, 35% short, 51% adequate, 0% surplus. Proso millet harvested 91%, 100% 2012, 93% avg. Alfalfa fourth cutting 94%, 100% 2012, 100% average. Stockwater supplies rated 4% very short, 12% short, 83%

adequate, 1% surplus. For the week ending November 3, 2013, cool, dry conditions across much of the western two-thirds of the State provided producer access to fields. However, grain moistures levels above safe storage slowed move to harvest completion. Overcast, rainy conditions slowed harvest progress in eastern areas. Corn harvest was nearing three-fourths complete and soybean harvest was near finished. Millet harvest was slow in western counties with sugarbeet harvest near completion.

**NEVADA:** A passing storm system brought much colder weather, rain, and snow to the State. Winnemucca recorded 1.31 inch of precipitation, Elko and Eureka each received 0.47 inch, and Ely 0.28 inch. Only Las Vegas failed to receive precipitation. Temperatures dropped sharply from the previous week. Daily high temperatures were generally in the 60's and lows were in the 20's. Weekly average temperatures ranged from 2 to 5 degrees below. Days suitable for fieldwork 5. Silage corn harvest continued in Lahontan and Mason valleys. Winter wheat seeding was completed. Hay shipments to California outlets were active. Livestock were grazing dormant hay fields and winter pastures. Cattle shipments to feed yards were active. Main farm and ranch activities included potato processing and shipping, onion sorting and shipping, and livestock sorting and shipping.

**NEW ENGLAND:** Days suitable for fieldwork 5.6. Topsoil moisture 3% very short, 17% short, 76% adequate, 4% surplus. Subsoil moisture 2% very short, 11% short, 84% adequate, 3% surplus. Pasture condition 7% very poor, 41% poor, 31% fair, 20% good, 1% excellent. Rhode Island Potatoes 100% harvested, 95% 2012, 99% avg. Field Corn 100% harvested, 95% 2012, 99% avg. Third Crop Hay 95% harvested, 95% avg. Apples 99% harvested, 99% 2012, 100% avg. Massachusetts Cranberries 90% harvested, 95% avg. Temperatures fluctuated throughout the week with cooler than average weather early in the week, followed by a brief period of warm and rainy weather when temperatures were up to 20 degrees above average. The week ended with below average temperatures. Several killing frosts occurred during the cooler days of the week throughout New England States. Rainfall this week was light to moderate; significant portions of northern New England reporting at least 0.75 inches of rain. Rainfall was lightest in coastal areas stretching from southern Maine to Connecticut. Farmers finished harvesting silage corn and potatoes and continued harvesting dry hay, corn for grain, apples, and cranberries in Massachusetts. Other field activities included fertilizing, cleaning fields, planting cover crops, soil testing fields for next year, and putting equipment away.

**NEW JERSEY:** Days suitable for field work 6.0. Topsoil moisture 1% very short, 24% short, 74% adequate, 1% surplus. Subsoil moisture 5% very short, 16% short, 78% adequate, 1% surplus. Pasture and range condition 8% poor, 15% fair, 42% good, 35% excellent. Cranberry and apple harvesting are nearly done. Virtually all sweet corn and pumpkins have been harvested. Only a few grapes are left to be harvested. Field corn harvesting is mostly done. Cranberries are in good condition. Sweet corn is in mostly good condition. Field corn is in mostly good to excellent condition. Apples are in fair to excellent condition. Soybeans and pumpkins are in mostly fair to good condition. Harvesting of fall vegetables continues. Burlington County producers are planting small grains. In Salem County, growers are planting cover crops, livestock condition is good, and milk production is average.

**NEW MEXICO:** Days suitable for fieldwork 7.0. Topsoil moisture 25% very short, 45% short and 30% adequate. Wind

damage 10% light and 10% moderate. Alfalfa 1% very poor, 11% poor, 34% fair and 54% good; 100% fifth cutting complete; 92% sixth cutting complete; 41% seventh cutting complete. Cotton 10% poor, 20% fair, 35% good and 35% excellent; 100% bolls opening; 15% harvested. Corn 5% poor, 45% fair and 50% good; 100% dent; 99% mature; 100% Silage harvested; 75% grain harvested. Sorghum 3% poor, 40% fair, 56% good and 1% excellent; 84% mature; 14% harvested. Chile 12% poor, 38% fair, 38% good and 12% excellent; 43% harvested red. Onion planting 100% complete. Lettuce harvest 40% complete. Pecans 33% fair, 46% good and 21% excellent. Peanut harvest 75% complete. Cattle condition 8% poor, 50% fair, 35% good and 7% excellent. Sheep condition 15% poor, 40% fair and 45% good. Range and pasture condition 16% very poor, 26% poor, 44% fair and 14% good. A cold front moved into the area on Tuesday and Wednesday bringing scattered areas of rain and gusty winds along with some snow in the higher elevations. Conditions improved on Thursday as high pressure moved in behind the front. Cooler temperatures started to rebound by Friday with highs reaching the 60s over the weekend. .

**NEW YORK:** Days suitable for fieldwork 4.5. Soil moisture is 0% very short, 2% short, 47% adequate, and 51% surplus. Range and pasture conditions are 1% very poor, 11% poor, 31% fair, 49% good, 8% excellent. Hay conditions are 4% poor, 44% fair, 45% good, and 7% excellent. Corn conditions are 6% poor, 23% fair, 48% good, and 23% excellent. Soybeans conditions are 4% poor, 21% fair, 54% good, and 21% excellent. Silage corn is 97% harvested, 98% in 2012 and 97% average. Corn for grain is 40% harvested, 54% in 2012 and 38% five year average. Winter Wheat is 82% emerged. Potatoes are 97% harvested, 100% in 2012 and 94% average. Soybeans are 65% harvested, 80% in 2012 and 63% average. Apples are 7% poor, 7% fair, 37% good, and 49% excellent. Grapes are 5% poor, 11% fair, 40% good, 44% excellent. Apples are 93% harvested, 99% in 2012 and 92% average. Pears are 100% harvested, 100% in 2012 and 100% average. Grapes are 94% harvested, 99% 2012 and 96% average. Rainfall for the State ranged from 0.03 to 2.00 inches. Temperatures ranged from a low of 18 to a high of 71.

**NORTH CAROLINA:** There were 5.7 days suitable for field work for the week ending November 3rd compared to 5.9 for the week ending October 27th. Statewide soil moisture levels were rated at 3% very short, 28% short, 65% adequate and 4% surplus. The State received some light precipitation across most counties this week and average temperatures were above normal. Average temperatures ranged from 54 to 65 degrees. Soybean and cotton conditions are rated as mostly fair to good. Wheat and oats plantings remain ahead of last year. Peanut harvest made great progress this week and surged ahead of historical averages. However, sweet potato, cotton, and soybean harvest percentages are slightly behind compared to last year percentages.

**NORTH DAKOTA:** Days suitable for fieldwork were 5.8. Topsoil moisture 0% very short, 4% short, 74% adequate, 22% surplus. Subsoil moisture 0% very short, 7% short, 80% adequate, 13% surplus. Corn condition 3% very poor, 12% poor, 37% fair, 38% good, and 10% excellent. Flaxseed harvested 94%, 100% 2012, 98% average. Dry Edible Beans harvested 96%, 100% 2012, 93% average. Sunflower condition 2% very poor, 10% poor, 28% fair, 52% good, and 8% excellent. Cattle/Calf conditions 0% very poor, 2% poor, 10% fair, 77% good, and 11% excellent. Sheep/Lamb conditions 0% very poor, 2% poor, 14% fair, 75% good, and 9% excellent. Pasture & Range condition 1% very poor, 9% poor, 24% fair, 53% good, and 13% excellent. Stock water supplies 0% very short, 2% short, 87% adequate, and 11%

surplus. Little to no moisture was received across the State last week. This was the second consecutive week of dry weather and much needed as producers worked to get their remaining row crops harvested. Fall fertilizer applications were done in areas not too wet. However, most areas indicated that good progress was made. Livestock producers were busy weaning and selling calves, moving livestock to harvested corn fields for grazing, and hauling hay to winter feeding areas. Temperatures for the week were 1 to 5 degrees below normal over much of the State.

**OHIO:** Days suitable for fieldwork 4. Topsoil 0% very short, 3% short, 73% adequate, 24% surplus. Subsoil 0% very short, 9% short, 78% adequate, 13% surplus Pasture 4% very poor, 9% poor, 26% fair, 51% good, 10% excellent. Corn harvesting continued through the beginning of the week before being slowed by rains. Soybean harvest is near completion but has also been slowed due to wet weather. The moisture content of harvested corn averaged 19 percent, and the moisture content of harvested soybeans averaged 14 percent. While planting of winter wheat is nearing completion, producers were still planting last week. A few producers attempted some last hay cutting. Some producers reported damage to crops due to last week's high winds.

**OKLAHOMA:** Days suitable for fieldwork 4.7. Topsoil moisture 9% very short, 27% short, 60% adequate, 4% surplus. Subsoil moisture 25% very short, 28% short, 46% adequate, 1% surplus. Rye condition 1% very poor, 1% poor, 17% fair, 72% good, 9% excellent; planted 99% this week, 97% last week, 100% last year, 99% average; emerged 94% this week, 84% last week, 97% last year, 96% average. Oats seedbed prepared 86% this week, 83% last week, 81% last year, 81% average; planted 57% this week, 48% last week, 46% last year, 47% average; emerged 50% this week, 37% last week, 38% last year, 39% average. Canola condition 2% very poor, 3% poor, 20% fair, 66% good, 9% excellent; emerged 96% this week, 91% last week, 92% last year, n/a average. Soybeans condition 6% poor, 31% fair, 55% good, 8% excellent; mature 87% this week, 81% last week, 88% last year, 84% average; harvested 54% this week, 44% last week, 61% last year, 54% average. Peanuts mature 95% this week, 93% last week, 99% last year, 97% average; dug 87% this week, 75% last week, 85% last year, 82% average. Alfalfa hay 4th cutting 93% this week, 92% last week, 77% last year, 79% average; 5th cutting 43% this week, 36% last week, n/a last year, n/a average. Other hay 2nd cutting 87% this week, 86% last week, 73% last year, 79% average. Livestock condition 1% very poor, 4% poor, 28% fair, 59% good, 8% excellent. Pasture and range condition 8% very poor, 13% poor, 37% fair, 38% good, 4% excellent. A significant storm system brought rainfall across Oklahoma mid-week. All but one Mesonet station recorded rainfall for the week, though the highest totals were concentrated in northeastern Oklahoma. While the rainfall put a temporary delay on row crop harvesting in some areas, significant progress was made during the week for all row crops. Small grain planting was almost complete and both small grains and canola continued to be rated in mostly good condition as they continued to emerge. Temperatures remained above freezing for most of the State with temperatures averaging in the upper 50s.

**OREGON:** Days suitable for field work 5.7 days. Subsoil Moisture 6% Very Short, 28% Short, 66% Adequate, 0% Surplus. Topsoil Moisture 4% Very Short, 17% Short, 77% Adequate, 2% Surplus. Weather The temperatures were below average in most of the regions in Oregon. The Southwestern Valleys was the only region with average temperatures. All of the regions except for the North Central region experienced below average precipitation. The high temperatures for the

State ranged from the high-60's in the Southwestern Valleys and North Central regions to the mid-50's in the North Central, Northeast, and Southeast regions. The low temperatures for the State ranged from teens in the South Central, Northeast, and North Central regions to the mid-30's in the Coastal and Southwestern Valleys regions. Field Crops In Coos and Curry Counties silage corn harvest was nearly completed. In Washington County producers finished the last of the winter wheat seeding, cover crops were growing nicely, and alfalfa was going dormant. In Baker County some field corn was still left to harvest. In Sherman County most seeding was completed but still a couple of late bloomers. In Umatilla County winter wheat seeding had wrapped up and there was still some corn left to be harvested. In Union County late seeded wheat had not emerged yet. Fruits and Nuts In Coos and Curry Counties the cranberry crop still appeared good at this stage. In Lane County most of the hazelnut harvest was completed. A few producers were waiting for the last nuts to fall. There were some late apples and pears. In Washington County filberts were nearing the end of the harvest. In Wasco County the pear harvest was completed. Nurseries and Greenhouses In Washington County producers were pruning small shrubs and planting new sets. Producers also continued to irrigate new plants. In Josephine County produce was still available in truck gardens where it was protected and perennial beds were protected where necessary. Vegetables In Josephine County producers were harvesting broccoli. In Washington County the last of the sweet corn for processing was harvested. Producers also were harvesting cauliflower and squash for processing. Livestock, Range and Pasture In Clatsop and Tillamook Counties livestock was still out on pasture. In Coos and Curry Counties pasture grasses were still growing slowly. In Washington County pasture helped reduce supplemental feeding and all livestock appear to be in fine shape. In Baker County some ranchers had started feeding. In Harney County range conditions continued to be dry. In Sherman County rangelands looked rough all year but so far not a large impact on cattle numbers. Some producers were feeding hay early this month and showers caused enough green chop to get by.

**PENNSYLVANIA:** Days suitable for fieldwork, 5. Soil moisture; 0% very short, 2% short, 91% adequate and 7% surplus. Fall plowing; 87% this week, 80% last week, 86% last year, and 72% average. Barley emerged; 96% this week, 87% last week, 90% last year, and 82% average. Winter Wheat planted; 89% this week, 76% last week, 88% last year, and 83% average. Winter Wheat emerged; 75% this week, 64% last week, 66% last year, and 66% average. Soybeans harvested; 78% this week, 56% last week, 66% last year, and 59% average. Grape harvested; 90% this week, 80% last week, n/a last year, and n/a average. Wheat conditions; 0% very poor, 1% poor, 4% fair, 61% good, 34% excellent. Pasture conditions are; 1% very poor, 8% poor, 38% fair, 48% good and 5% excellent. Field activities for the week include harvesting corn, soybeans, grapes, planting winter wheat, applying fertilizer, mowing pastures, spraying herbicides and pesticides and applying lime to fields.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.1. Soil moisture 6% very short, 38% short, 56% adequate, 0% surplus. Soybeans 5% very poor, 13% poor, 46% fair, 30% good, 6% excellent. Pasture condition 0% very poor, 7% poor, 27% fair, 66% good, 0% excellent. Livestock condition 0% very poor, 1% poor, 24% fair, 73% good, 2% excellent. Winter grazings 11% very poor, 18% poor, 25% fair, 45% good, 1% excellent. Soybeans pods set 98%, 100% 2012, 100% avg. Soybeans leaves turning color 84%, 96% 2012, 97% avg. Soybeans leaves dropped 65%, 71% 2012, 72% avg. Soybeans mature 62%, 57% 2012, 56% avg. Soybeans

harvested 20%, 26% 2012, 23% avg. Winter wheat planted 23%, 40% 2012, 29% avg. Winter wheat emerged 8%, 14% 2012, 15% avg. Oats planted 29%, 34% 2012, 40% avg. Oats emerged 18%, 20% 2012, 24% avg. Winter grazings planted 78%, 73% 2012, 74% avg. Winter grazings emerged 62%, 53% 2012, 54% avg. The week began with seasonal temperatures, followed by a warming trend that lasted until the Friday, when much needed rainfall entered the State causing temperatures to return to seasonal levels. The heaviest amounts of rain fell from the central part of the State to the coast. The average temperature for the week was 5 degrees above the long-term average and the average rainfall for the week was 0.7 inches. The warming trend allowed producers to continue harvesting of fall crops at a very steady pace. The much needed rain relieved the very dry soils and will aid growers in preparing the land for the planting of small grain crops.

**SOUTH DAKOTA:** Days suitable for fieldwork 4.1. Topsoil moisture 0% very short, 6% short, 84% adequate, 10% surplus. Subsoil moisture 1% very short, 14% short, 80% adequate, 5% surplus. Sunflower condition 23% very poor, 12% poor, 22% fair, 39% good, 4% excellent. 4th cutting of alfalfa 74% complete. Cattle/Calf conditions 0% very poor, 2% poor, 17% fair, 77% good, 4% excellent. Sheep/Lamb conditions 0% very poor, 1% poor, 19% fair, 77% good, 3% excellent. Range & pasture condition 2% very poor, 7% poor, 37% fair, 48% good, 6% excellent. Stock water supplies 1% very short, 12% short, 82% adequate, 5% surplus. Below normal temperatures and wet field conditions continued to slow row crop harvest progress in some areas. Producers were busy moving hay and grain, harvesting, moving livestock, and preparing for winter.

**TENNESSEE:** Days suitable 5.0. Topsoil moisture 2% very short, 20% short, 73% adequate, 5% surplus. Subsoil moisture 1% very short 25% short, 72% adequate, 2% surplus. Cattle condition 2% poor, 15% fair, 65% good, 18% excellent. Crops were rated good-to-excellent. Light frost to hard freezes benefitted cotton opening. Other farm activities included wheat seedings and cotton defoliation. Pasture condition good to excellent.

**TEXAS:** Texas continued to receive significant rainfall, with areas of the Blacklands, East Texas, South Central Texas, and the Upper Coast receiving upward of 10 inches of precipitation last week. In addition to filling lakes and ponds, however, the heavy rainfall caused flash flooding, river and stream embankment erosion, and soil erosion in some areas. The Northern High Plains received some snow mixed with rain along with a light freeze. Cooler nighttime temperatures also resulted in some heavy dew in the Panhandle. Soil moisture levels benefitted from continued moisture, as much of the State experienced scattered showers. Small Grains Producers in the Panhandle saw early seeded irrigated winter wheat emerge and were turning stockers onto it. Additional seedings were delayed by dry conditions. In the Blacklands and South Central Texas, early established small grains were in good condition, but wet conditions delayed further seeding. Row Crops Producers in the Panhandle continued harvesting cotton, sorghum, and peanuts. Cotton harvest was impeded slightly by heavy morning dew in the Southern High Plains and the Northern Low Plains. Wet field conditions also delayed the harvest of cotton in the Blacklands and East Texas. Peanut harvest continued in South Texas. Fruit, Vegetable and Specialty Crops In the Lower Valley, sugarcane was being harvested and vegetable crops were being irrigated. In South Texas, cabbage and pecan harvest was active, onions made good progress, and producers were anticipating a first cut of baby leaf spinach in the coming days. Pecans were also being

harvested in South Central Texas, the Edwards Plateau, and the Cross Timbers. Livestock, Range and Pasture Stock tanks and ponds filled in the areas of the Blacklands, East Texas, and South Central Texas that saw significant precipitation. Some producers were still trying to get a last cutting of hay, as weather permitted. Most pastures across the State had adequate moisture and livestock were in good condition.

**UTAH:** Days Suitable For Field Work 5.9. Subsoil Moisture 13% very short, 35% short, 52% adequate, 0% surplus. Winter Wheat, Planted For Harvest Next Year 97%, 91% 2012, 95% avg. Winter Wheat emerged 88%. Winter Wheat Condition 0% very poor, 0% poor, 18% fair, 68% good, 14% excellent. Corn mature 96%, 100% 2012, 94% avg. Corn harvested (grain) 71%, 78% 2012, 50% avg. Alfalfa Hay 4th Cutting 99%, 100% 2012, 96% avg. Onions harvested 100%, 99% 2012, 100% avg. Cattle and calves moved From Summer Range 91%, 95% 2012, 95% avg. Cattle and calves condition 0% very poor, 2% poor, 20% fair, 73% good, 5% excellent. Sheep and lambs moved From Summer Range 92%, 94% 2012, 96% avg. Sheep Condition 0% very poor, 0% poor, 23% fair, 72% good, 5% excellent. Range and Pasture 1% very poor, 9% poor, 41% fair, 43% good, 6% excellent. Stock Water Supplies 4% very short, 16% short, 79% adequate, 1% surplus. Apples harvested 90%, 99% 2012, 97% avg. Cooler Temperatures have become the norm in Box Elder County. Some parts of the County saw about a 1/2 inch of rain at the first of the week and a skiff of snow on Sunday morning as a cold front moved through the area. Most of the field work is just about wrapped up for the year. Field work is all but done in Cache County, with the exception of some grain corn yet to be harvested. A weekend snowstorm delivered some much needed moisture, but the colder temperatures will slow any fieldwork that yet needs to be done. In Box Elder County, the last of the hay has been baled and hauled from fields. Some producers have applied fall fertilizer to fall grains and residue heavy fields. Some of the residue left on the fields is being grazed by cattle or sheep herds before the snow of winter covers it up. Corn producers are still working on cutting the last remaining fields of corn. Over 90 percent is harvested and the rest is waiting for the moisture to reduce to levels that will make the corn storable. Some of the corn residue is being shredded and baled for livestock feed this winter. As fields are cut, they are being prepared for the winter with tillage equipment. Onions and apples are all harvested and have been moved to the storage facilities. Winter wheat has mostly emerged and looks fair to good. The wheat producers are excited because if the wheat gets up and going in the fall, they stand to cut better wheat during the next harvest. Livestock producers in Box Elder County have gathered their animals off of summer ranges and have brought them home to fall pastures. Feed continues to be a concern with the lack of hay and pasture supplies this year due to drought. Producers will have to make serious decisions about herd culling or buying very expensive feed. Most beef calves in Cache County are weaned, and many sold. Mild fall weather has facilitated gathering livestock and weaning and selling calves in Garfield and Kane Counties.

**VIRGINIA:** Days suitable for fieldwork 5.8. Topsoil moisture 1% very short, 17% short, 81% adequate, 1% surplus. Subsoil moisture 1% very short, 14% short, 78% adequate, 7% surplus. Pasture 1% very poor, 8% poor, 37% fair, 47% good, 7% excellent. Livestock 1% poor, 16% fair, 65% good, 18% excellent. Other hay 1% very poor, 7% poor, 42% fair, 44% good, 6% excellent. Alfalfa hay 3% poor, 27% fair, 63% good, 7% excellent. Corn harvested 94%, 97% 2012, 92% 5-yr avg. Soybeans 7% poor, 23% fair, 58% good, 12% excellent. Soybeans dropping leaves 94%, 96% 2012, 98% 5-yr avg. Soybeans harvested 40%, 45% 2012, 42% 5-yr avg. Winter

wheat seeded 55%, 56% 2012, 57% 5-yr avg. Winter wheat emerged 22%, 27% 2012, 29% 5-yr avg. Barley 26% fair, 68% good, 6% excellent. Barley seeded 87%, 93% 2012, 93% 5-yr avg. Fall apples harvested 99%, 100% 2012, 98% 5-yr avg. Winter apples harvested 85%, 94% 2012, 87% 5-yr avg. Oats 30% fair, 64% good, 6% excellent. Oats seeded 90%, 77% 2012, 85% 5-yr avg. Overall it was a dry and cool week for Virginia. Most of the lows for week ranged in the 30s to 40s; some counties reported a killing frost this week. Days suitable for fieldwork were 5.8. The primary focus this week was the corn and soybean harvest. The corn harvest was nearing completion. The soybeans harvest was on track at 40% harvested, down only 2% from the 5 year average. Some growers noticed a decrease in the late planted soybean yield. Dry weather contributed to ideal harvesting conditions, but also contributed to poor small grain emergence. Other farming activities for week included planting wheat, preparing fields for the 2014 crops, ordering seeds and supplies, and tending to vegetable greens.

**WASHINGTON:** Days suitable for field work 5.5 days. Field Corn Field Corn Mature 95%, 94% last year, 92% five-year average. Field Corn Field Corn Harvest 65%, 58% last year, 61% five-year average. Field Corn Harvested for Silage Harvested for Silage 99%, 96% last year, 97% five-year average. Field Corn 0% Very Poor, 1% Poor, 3% Fair, 93% Good, 3% Excellent. Hay and other Roughage 3% Very Short, 15% Short, 80% Adequate, 2% Surplus. Irrigation Water Supply 0% Very Short, 1% Short, 88% Adequate, 11% Surplus. Range and Pasture Conditions 5% Very Poor, 13% Poor, 42% Fair, 37% Good, 3% Excellent. Subsoil Moisture 6% Very Short, 21% Short, 70% Adequate, 3% Surplus. Topsoil Moisture 2% Very Short, 9% Short, 72% Adequate, 17% Surplus. . Whitman County saw the first mild snowfall of the season in several parts of the county. Producers nearly wrapped up fall farm activities with many reporting they were well ahead of where they normally were at the end of the season. Most fall planted acres were out of the ground and looking healthy. Lincoln County received some moisture this past weekend with a little bit of snow in the higher elevations. Temperatures dropped below freezing during the weekend. In Grant County, potato harvest was complete. Christmas tree growers in Grays Harbor began harvesting a few trees to fill wholesale orders in distant markets. In the Yakima Valley, widespread precipitation was received amounting to 0.15 to 0.25 inches of rain. Wind gusts greater than 30 mph were experienced in some crop producing regions of the county early in the week. Daytime high temperatures were in the mid-50s with a peak mid-week where it reached the upper 60s. Apple harvest continued with Fuji, Granny Smith and Cripps Pink coming into the packinghouses. In Whatcom County, blueberry growers were finishing up fall plantings. In Grant County, onion harvest was winding down.

**WEST VIRGINIA:** Days suitable for fieldwork was 5. Topsoil moisture was 15% short, 77% adequate, and 8% surplus compared to 1% very short, 3% short, 77% adequate, and 19% surplus last year. Corn conditions were 20% fair, 75% good, and 5% excellent. Corn was 97% mature, 2012 and 5-year avg. comparison data not available. Corn harvested for grain was 52%, 58% in 2012, and 67% 5-year avg. Soybean conditions were 26% fair, 73% good, and 1% excellent. Soybeans were 98% dropping leaves, 2012 and 5-year avg. comparison data not available. Soybeans were 46% harvested, 71% in 2012, and 74% 5-year avg. Winter wheat was 60% planted, 85% in 2012, and 90% 5-year avg. Winter wheat was 30% emerged, 68% in 2012, and 71% 5-year avg. Hay third cutting was 92%, 2012 and 5-year avg. comparison data not available. Apples were 93% harvested, 2012 and 5-year avg. comparison data not available. Cattle and calves

were 1% poor, 12% fair, 79% good, and 8% excellent. Sheep and lambs were 7% fair, 88% good, and 5% excellent. Farming activities included marketing calves, planting winter wheat, and harvesting corn for grain, soybeans, and apples.

**WISCONSIN:** Days suitable for fieldwork 4.0. Topsoil moisture 6% very short, 20% short, 67% adequate, and 7% surplus. Subsoil moisture 13% very short, 30% short, 52% adequate, and 5% surplus. Pasture condition 14% very poor, 26% poor, 36% fair, 21% good, 3% excellent. Fourth cutting hay 92%, 100% 2012, 98% avg. Corn silage harvested 97%, 100% 2012, 99% avg. Hay and roughage supplies 26% short, 70% adequate, 4% surplus. Temperatures were close to average this week, with rain, fog, and drizzle holding up fieldwork. All of Wisconsin received some precipitation, but the eastern portion of the State had several solid days of wet, grey weather, leaving fields sodden. Reporters noted that muddy field conditions and high grain moistures continued to slow the corn and soybean harvests. Spring freeze damage and dry conditions during July and August reportedly contributed to hay shortages in some areas. Reporters commented that farmers were chopping extra corn silage to make up for short hay supplies. Across the reporting stations, average temperatures last week were 2 degrees below normal to normal. Average high temperatures ranged from 49 to 53 degrees, while average low temperatures ranged from 31 to 40 degrees. Precipitation totals ranged from 0.12 inches in La Crosse to 1.43 inches in Green Bay.

**WYOMING:** Days suitable for field work 5.9. Topsoil moisture 2% very short, 13% short, 84% adequate, 1% surplus. Subsoil moisture 5% very short, 26% short, 68% adequate, 1% surplus. Stock water supply 2% very short, 15% short, 81% adequate, 2% surplus. Winter Wheat condition 19% fair, 77% good, 4% excellent; wind damage 1% moderate, 99% none. Corn condition 1% very poor, 5% poor, 22% fair, 55% good, 17% excellent; harvested 35%, 67% 2012, 41% avg. Dry beans combined 89%, 100% 2012, 96% avg. Sugar beets harvested 75%, 96% 2012, 85% avg. Alfalfa third cutting 94%, 85% 2012, 86% avg. Albany County reported ground moisture going into the winter is the best it has been for years. Meadow growth has been exceptional, so fall grazing has been very good. Winter hay and roughage supplies are favorable. The mountains have already received a good snowfall, so if the trend continues the outlook for irrigation water next year will be good. Converse County reported moisture levels for 2013 are right at average for the year. Converse County reported overnight lows in the teens have essentially ended the growing season. Lincoln County producers have received snow fall and temperatures are starting to stay cold. Most of the livestock is off the range and on fall pastures. Uinta County reported 6-10 inches of heavy wet snow covered the county on October 29. High mountain snows are helping to replenish reservoirs. Niobrara County reported freezing drizzle, ice, and snow from Monday, October 28 through Wednesday, October 30. High temperatures ranged from 49 degrees at Lake Yellowstone to 71 degrees in Torrington. Low temperatures ranged from 14 degrees in Lake Yellowstone to 26 degrees in Greybull and Gillette. Only two stations reported receiving no precipitation. Big Piney received the most precipitation for the week at 1.35 inches followed by Lander at 0.80 inch. Average temperatures ranged from 31 degrees at Lake Yellowstone to 41 degrees in Wheatland and Torrington. Temperatures were below normal in 17 of the 33 stations. Temperatures ranged from 5 degrees below normal in Newcastle and Sundance to 5 degrees above normal in Big Piney and Shirley Basin. Thirty-one reporting stations reported some precipitation, ranging from 0.04 inch in Douglas and Shirley Basin to 1.35 inches in Afton. Nineteen stations are reporting above normal precipitation for the year thus far.

## International Weather and Crop Summary

**October 27 - November 2, 2013**

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

**EUROPE:** Unseasonably warm weather continued, with rain in the west and north slowing fieldwork but maintaining adequate to abundant soil moisture for winter crops.

**FSU-WESTERN:** Above-normal temperatures extended the growing season, enabling late-planted winter grains to become fully established.

**MIDDLE EAST:** Showers in the south provided soil moisture for wheat and barley establishment, while dry weather in the north promoted winter wheat planting.

**NORTHWEST AFRICA:** Showers in the east provided soil moisture for winter grains, while dry weather in Morocco favored winter wheat planting.

**SOUTH ASIA:** Seasonably dry weather eased excessive wetness in eastern India and promoted summer crop harvesting as well as winter crop planting.

**EAST ASIA:** Passing showers provided beneficial moisture to emerging winter crops.

**SOUTHEAST ASIA:** Typhoon Krosa brought high winds and locally heavy rainfall to the northern Philippines, but damage to rice and corn was likely minimal due to the storm's far northerly track.

**AUSTRALIA:** Very warm, mostly dry weather favored winter crop maturation and harvesting.

**SOUTH AFRICA:** Conditions favored planting of corn and other summer crops.

**ARGENTINA:** Heavy rain increased moisture for corn and soybeans in western farming areas.

**BRAZIL:** Seasonal showers maintained overall favorable conditions for soybeans in central Brazil.

**MEXICO:** Seasonably drier weather brought some relief from last week's inundating rain.

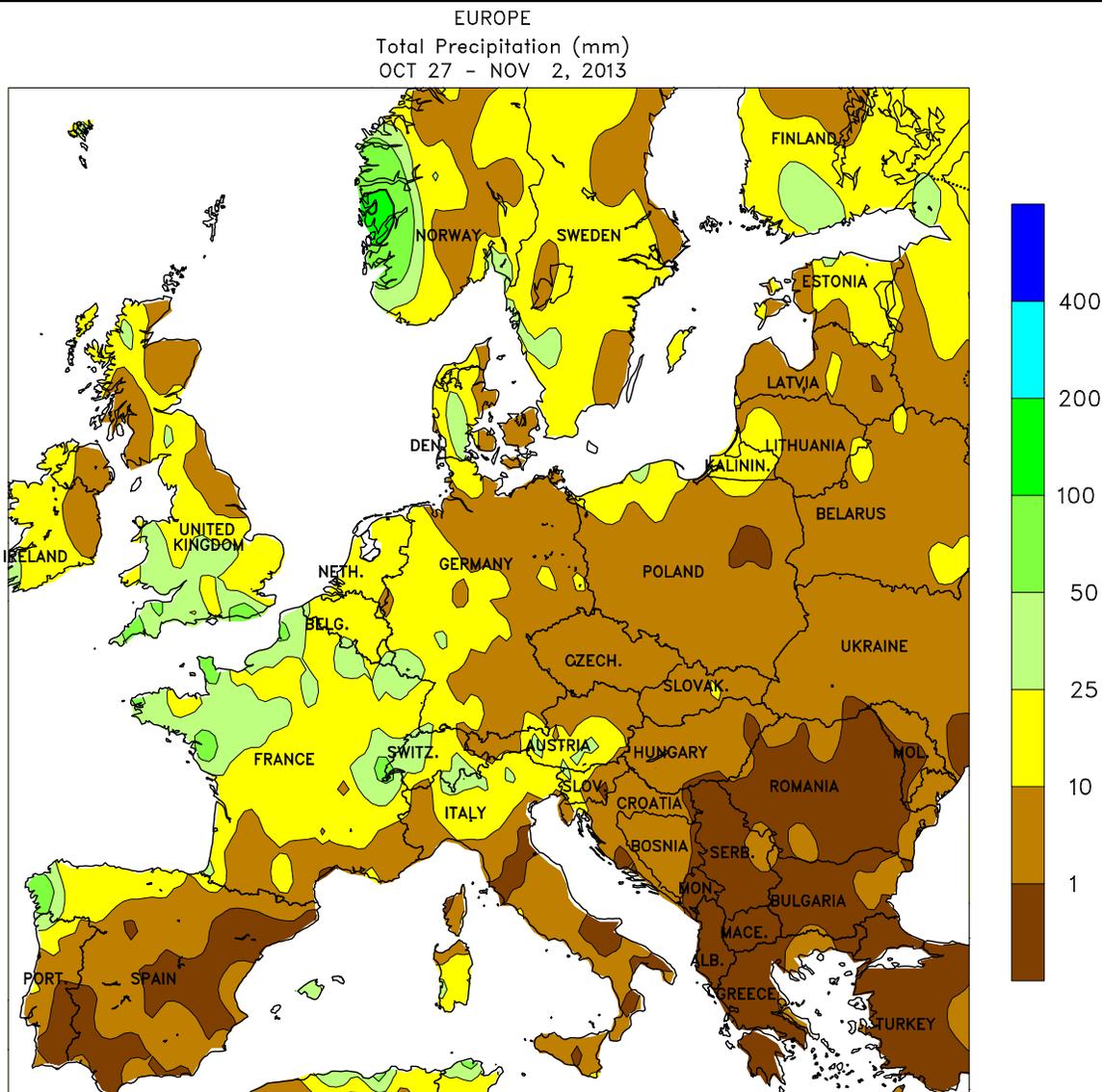
## October 2013

COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	29	17	37	11	23	4.5	19	-39
	BATNA	28	12	35	6	20	3.9	24	-2
ARGENT	IGUAZU	28	17	34	10	22	0.2	135	-78
	FORMOSA	29	17	37	7	23	0.1	113	-15
	CERES	30	15	39	7	22	2.7	38	-37
	CORDOBA	27	11	36	3	19	0.6	16	-52
	RIO CUARTO	26	12	34	6	19	1.8	49	-46
	ROSARIO	26	14	35	4	20	2.2	42	-54
	BUENOS AIRES	23	12	29	6	18	1.3	20	-84
	SANTA ROSA	24	10	31	4	17	1	81	11
	TRES ARROYOS	21	9	28	2	15	1.6	74	-9
AUSTRA	DARWIN	33	25	36	21	29	0	155	77
	BRISBANE	26	17	31	13	22	1.1	24	-72
	PERTH	24	11	37	4	18	1.3	31	-17
	CEDUNA	26	12	41	3	19	1.9	6	-21
	ADELAIDE	21	11	31	5	16	0.4	17	-27
	MELBOURNE	19	9	32	3	14	0.5	38	-23
	WAGGA	24	6	35	-1	15	0.3	11	-49
	CANBERRA	22	4	32	-3	13	0	14	-43
AUSTRI	VIENNA	16	7	23	-1	12	0.9	16	-19
	INNSBRUCK	17	7	22	0	12	2.4	102	44
BAHAMA	NASSAU	31	25	34	22	28	2	105	-60
BARBAD	BRIDGETOWN	31	25	32	23	28	0.5	105	-63
BELARU	MINSK	11	6	17	-1	8	1.9	36	-16
BERMUD	ST GEORGES	26	23	28	18	25	-0.1	162	14
BOLIVI	LA PAZ	16	2	20	-1	9	0.1	69	25
BRAZIL	FORTALEZA	30	25	31	23	28	-0.2	7	-3
	RECIFE	29	25	30	23	27	-1.2	45	9
	CAMPO GRANDE	29	20	33	15	25	-0.9	111	-34
	FRANCA	28	17	32	13	23	0.1	107	-50
	RIO DE JANEIRO	27	21	37	15	24	0	68	-13
	LONDRINA	29	17	35	11	23	1.3	202	53
	SANTA MARIA	26	14	34	8	20	0.3	109	-30
	TORRES	23	16	26	11	19	-1.9	78	-51
BULGAR	SOFIA	19	6	25	-4	13	1.8	37	0
BURKIN	OUAGADOUGOU	36	24	38	19	30	0.7	22	-12
CANADA	TORONTO	15	6	25	-3	11	1.9	92	28
	MONTREAL	15	6	25	-5	10	2.3	81	1
	WINNIPEG	10	-1	21	-10	5	-0.5	3	-33
	REGINA	10	-4	25	-12	3	-1.7	0	-22
	SASKATOON	10	-3	22	-13	3	-1.1	0	-16
	LETHBRIDGE	1	-3	18	-12	-1	-8	9	-13
	CALGARY	12	-1	22	-11	6	0.3	35	21
	EDMONTON	12	1	18	-8	6	0.6	14	-3
	VANCOUVER	12	6	21	1	9	-0.8	37	-72
CANARY	LAS PALMAS	26	21	28	19	24	1	2	-13
CHILE	SANTIAGO	24	8	30	4	16	1.5	0	-15
CHINA	HARBIN	12	3	23	-4	8	1.4	59	35
	HAMI	23	4	30	-3	13	3.4	1	-2
	LANCHOW	***	***	18	9	***	*****	*****	*****
	BEIJING	19	9	25	3	14	0.6	25	4
	TIENTSIN	20	9	26	3	15	0.2	26	3
	LHASA	16	3	20	-2	10	0.3	42	33
	KUNMING	20	12	25	6	16	-0.2	176	99
	CHENGCHOW	23	12	33	4	18	2.3	28	-18
	YEHCANG	24	15	33	10	20	1.5	26	-58
	HANKOW	25	14	32	6	19	0.9	6	-88
	CHUNGKING	23	17	33	14	20	2	93	-11
	CHIHKIANG	24	14	31	9	19	0.8	41	-61
	WU HU	24	15	30	8	19	1.6	58	-11
	SHANGHAI	23	17	29	9	20	1.2	217	148
	NANCHANG	25	18	32	11	21	1.7	11	-47
	TAIPEI	26	23	31	18	24	-0.3	69	-76
	CANTON	29	19	32	12	24	-0.5	5	-82
	NANNING	28	18	34	11	23	-0.7	15	-50
COLOMB	BOGOTA	19	8	22	4	13	0.1	70	-46
COTE D	ABIDJAN	29	24	30	22	27	0.5	45	-117
CUBA	HAVANA	30	21	33	17	26	0.2	13	-172
CYPRUS	LARNACA	27	16	29	12	21	-0.5	5	-9
CZECHR	PRAGUE	14	5	22	-2	10	1.5	32	2

Based on Preliminary Reports

## October 2013

COUNTRY	CITY	TEMPERATURE					PRECIP.			COUNTRY	CITY	TEMPERATURE					PRECIP.												
		AVG	AVG	HI	LO	DEP	TOT	DEP	AVG			AVG	HI	LO	DEP	TOT	DEP												
		MAX	MIN	MAX	MIN	AVG	NRM	TOT	NRM			MAX	MIN	MAX	MIN	AVG	NRM	TOT	NRM			MAX	MIN	MAX	MIN	AVG	NRM	TOT	NRM
DENMAR	COPENHAGEN	14	10	17	0	12	2.2	47	-4	MEXICO	GUADALAJARA	***	***	27	10	***	*****	*****	*****										
EGYPT	CAIRO	27	18	35	15	23	-1.3	0	-1		TLAXCALA	23	12	26	8	17	0.7	40	-21										
	ASWAN	35	21	39	15	28	-0.6	0	0		ORIZABA	24	17	28	14	21	1.9	170	-31										
ESTONI	TALLINN	10	5	15	-4	8	1.4	60	-13	MOROCC	CASABLANCA	25	18	27	12	22	2.2	9	-24										
ETHIOP	ADDIS ABABA	23	11	25	7	17	0.9	39	-8		MARRAKECH	29	16	35	11	23	1.9	2	-16										
F GUIA	CAYENNE	32	23	34	21	27	0.7	197	116	MOZAMB	MAPUTO	***	***	30	15	***	*****	*****	*****										
FIJI	NAUSORI	28	21	30	16	24	0.3	328	129	N KORE	PYONGYANG	20	9	29	2	14	1.8	48	7										
FINLAN	HELSINKI	10	4	14	-5	7	1.5	77	2	NEW CA	NOUMEA	26	20	28	16	23	0.6	44	-7										
FRANCE	PARIS/ORLY	18	11	24	4	14	2.1	28	-31	NIGER	NIAMEY	39	24	41	20	32	0.8	8	-8										
	STRASBOURG	17	9	25	0	13	3.0	78	25	NORWAY	OSLO	9	3	17	-5	6	1.6	67	-25										
	BOURGES	18	11	25	0	15	3.1	105	38	NZEALA	AUCKLAND	19	12	23	9	15	*****	34	*****										
	BORDEAUX	21	13	27	3	17	3.1	59	-35		WELLINGTON	16	11	19	5	14	*****	121	*****										
	TOULOUSE	21	13	30	3	17	3.5	40	-12	P RICO	SAN JUAN	32	25	34	24	29	1.2	83	-46										
	MARSEILLE	23	15	27	5	19	3.4	58	-26	PAKIST	KARACHI	36	26	40	22	31	2.6	1	*****										
GABON	LIBREVILLE	28	24	30	22	26	0.6	323	-83	PERU	LIMA	19	15	21	15	17	-0.5	0	-3										
GERMAN	HAMBURG	15	8	20	3	12	2.0	32	-32	PHILIP	MANILA	31	25	33	24	28	-0.3	244	46										
	BERLIN	16	8	22	2	12	2.2	44	7	PNEWGU	PORT MORESBY	30	25	33	23	28	1.0	35	2										
	DUSSELDORF	16	9	22	1	13	1.1	54	-21	POLAND	WARSAW	15	7	22	-2	11	2.5	28	-11										
	LEIPZIG	16	8	23	-1	12	1.7	19	-22		LODZ	15	6	22	-3	10	1.2	15	-18										
	DRESDEN	15	8	23	1	12	0.9	36	-10		KATOWICE	16	5	22	-3	11	1.4	12	-35										
	STUTTGART	16	8	22	-1	12	1.9	26	-33	PORTUG	LISBON	23	16	28	12	20	1.7	130	53										
	NURNBERG	15	6	22	-2	11	1.6	29	-22	ROMANI	BUCHAREST	18	6	25	-4	12	0.5	74	33										
	AUGSBURG	15	6	22	-1	10	1.0	19	-36	RUSSIA	ST.PETERSBURG	10	5	14	-2	8	1.9	53	-10										
GREECE	THESSALONIKA	22	13	26	5	17	1.0	13	-32		KAZAN	7	3	14	-4	5	1.1	43	-7										
	LARISSA	24	10	27	5	17	0.9	7	-41		MOSCOW	9	4	15	-5	7	1.6	26	-38										
	ATHENS	***	15	30	9	***	*****	21	-7		YEKATERINBURG	4	0	11	-7	2	-0.3	30	-10										
GUADEL	RAIZET	31	24	32	22	28	0.6	156	-41		OMSK	6	-1	15	-9	3	0.0	18	-11										
HONGKO	HONG KONG INT	30	24	33	19	27	1.3	6	-114		BARNAUL	8	1	22	-7	4	0.9	26	-15										
HUNGAR	BUDAPEST	19	9	25	-2	14	3.0	28	-10		KHABAROVSK	10	1	23	-4	5	0.7	59	10										
ICELAN	REYKJAVIK	***	***	6	1	***	*****	*****	*****		VLADIVOSTOK	13	7	19	-1	10	1.4	42	-21										
INDIA	AMRITSAR	32	20	34	14	26	2.0	80	65		VOLGOGRAD	11	5	16	-5	8	-0.2	36	16										
	NEW DELHI	32	21	36	15	27	0.4	69	53		ASTRAKHAN	15	6	24	-4	10	0.5	12	-5										
	AHMEDABAD	34	22	36	17	28	-0.5	41	21		ORENBURG	9	4	18	-8	7	1.3	44	8										
	INDORE	31	19	34	16	25	-0.2	100	54	S AFRI	PRETORIA	29	14	36	8	22	1.2	18	-54										
	CALCUTTA	32	24	35	20	28	0.0	367	254		JOHANNESBURG	25	12	32	3	18	1.9	86	10										
	VERAVAL	33	25	38	22	29	0.9	48	25		BETHAL	25	9	33	0	17	0.6	160	75										
	BOMBAY	33	25	37	21	29	0.2	86	-11		DURBAN	24	16	32	10	20	-0.4	151	50										
	POONA	31	20	33	16	26	0.7	27	-51		CAPE TOWN	21	13	29	9	17	1.0	16	-13										
	BEGAMPET	31	22	33	18	26	0.5	240	131	S KORE	SEOUL	21	12	28	4	16	1.6	14	-46										
	VISHAKHAPATNAM	31	25	33	23	28	0.0	511	273	SAMOA	PAGO PAGO	30	25	32	24	28	0.6	147	-108										
	MADRAS	33	25	36	22	29	0.6	214	-70	SENEGA	DAKAR	31	27	36	25	29	1.5	31	-12										
	MANGALORE	31	23	34	22	27	-0.3	241	43	SPAIN	VALLADOLID	19	10	24	1	14	1.3	38	-6										
INDONE	SERANG	33	23	34	22	28	0.2	85	-21		MADRID	23	11	27	2	17	1.9	27	-11										
IRELAN	DUBLIN	15	9	19	2	12	1.5	49	-24		SEVILLE	27	16	32	10	22	1.7	24	-29										
ITALY	MILAN	18	13	22	7	15	2.0	60	-57	SWITZE	ZURICH	15	9	22	3	12	2.7	95	11										
	VERONA	19	13	22	7	16	3.1	82	-8		GENEVA	16	10	23	3	13	2.9	110	19										
	VENICE	19	13	22	9	16	1.9	64	-8	SYRIA	DAMASCUS	27	8	34	3	17	-0.9	6	-2										
	GENOA	21	16	25	10	19	0.9	2	-172	TAHITI	PAPEETE	29	23	30	20	26	0.1	133	32										
	ROME	24	15	27	11	19	2.1	52	-63	TANZAN	DAR ES SALAAM	32	22	34	20	27	1.4	39	-28										
	NAPLES	24	15	26	11	20	2.5	105	-26	THAILA	PHITSANULOK	32	23	34	21	27	-0.8	97	-58										
JAMAIC	KINGSTON	33	26	34	24	29	1.1	16	-111		BANGKOK	33	25	36	23	29	0.8	392	129										
JAPAN	SAPPORO	17	10	25	4	13	1.9	126	-2	TOGO	LOME	30	25	31	23	28	1.2	0	-98										
	NAGOYA	25	17	32	10	21	3.2	217	98	TRINID	PORT OF SPAIN	32	24	36	22	28	1.1	239	47										
	TOKYO	23	17	31	12	20	1.9	318	154	TUNISI	TUNIS	29	20	35	14	25	4.3	19	-35										
	YOKOHAMA	22	17	31	12	20	1.7	189	-16	TURKEY	ISTANBUL	19	12	24	6	15	-1.0	21	-46										
	KYOTO	24	17	32	10	21	2.5	196	74		ANKARA	19	2	26	-6	10	-1.1	26	-6										



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

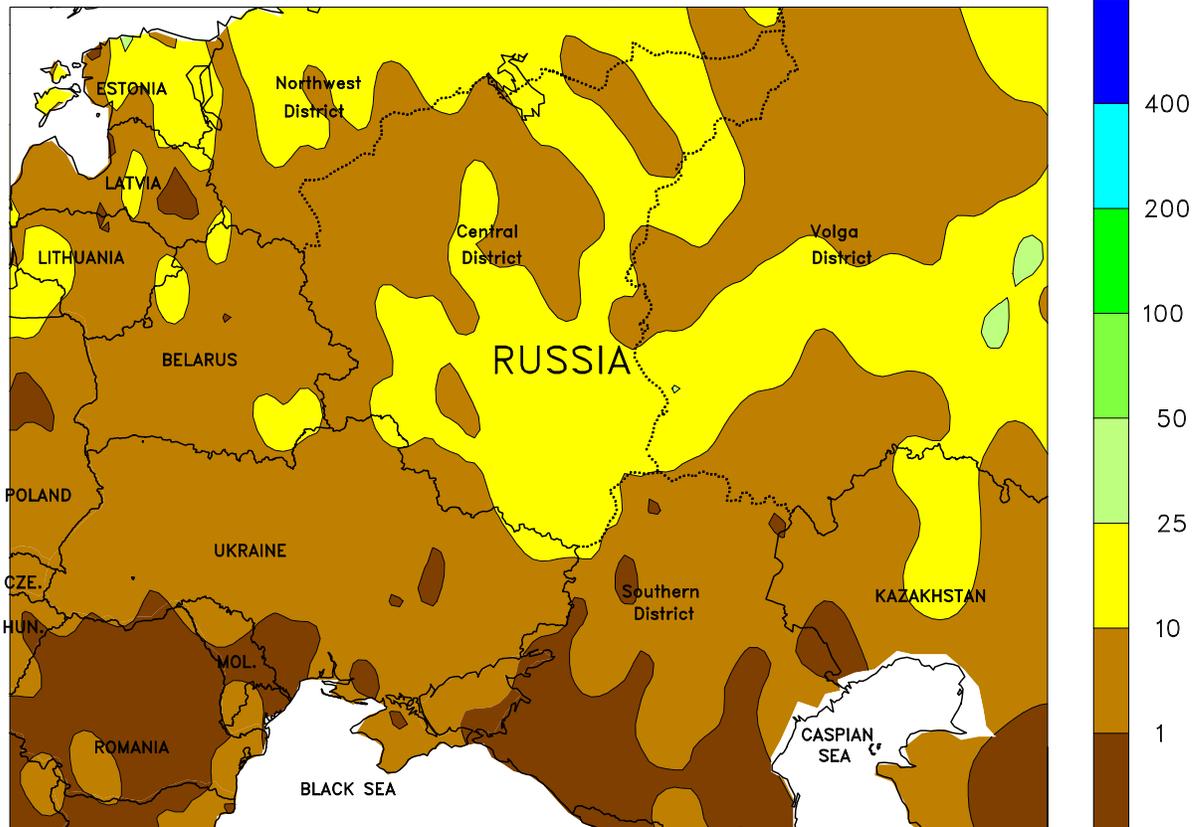


**EUROPE**

Unseasonably warm weather continued over the continent, with rain in the west and north contrasting with generally dry conditions across southeastern Europe. A northward-displaced jet stream brought a second week of above-normal temperatures (up to 7°C above normal), with highs exceeding 15°C in the north and 20°C (locally above 25°C) in the south. The warmth enabled winter grains and oilseeds to add vegetative growth and spared late-maturing summer crops any season-ending freezes. Showers (10-65 mm) continued over western and northern Europe, further delaying corn

harvesting in France and Italy but providing additional soil moisture for winter wheat and rapeseed development in the United Kingdom as well as northern portions of France, Germany, and Poland. In addition, occasionally gusty winds caused power outages and localized damage to infrastructure, though impacts on agriculture were minor — if any. In contrast, sunny, warm weather continued across southeastern Europe, promoting winter wheat and rapeseed development. Dry conditions also returned to Spain, allowing producers to begin winter wheat planting.

WESTERN FSU  
Total Precipitation (mm)  
OCT 27 - NOV 2, 2013



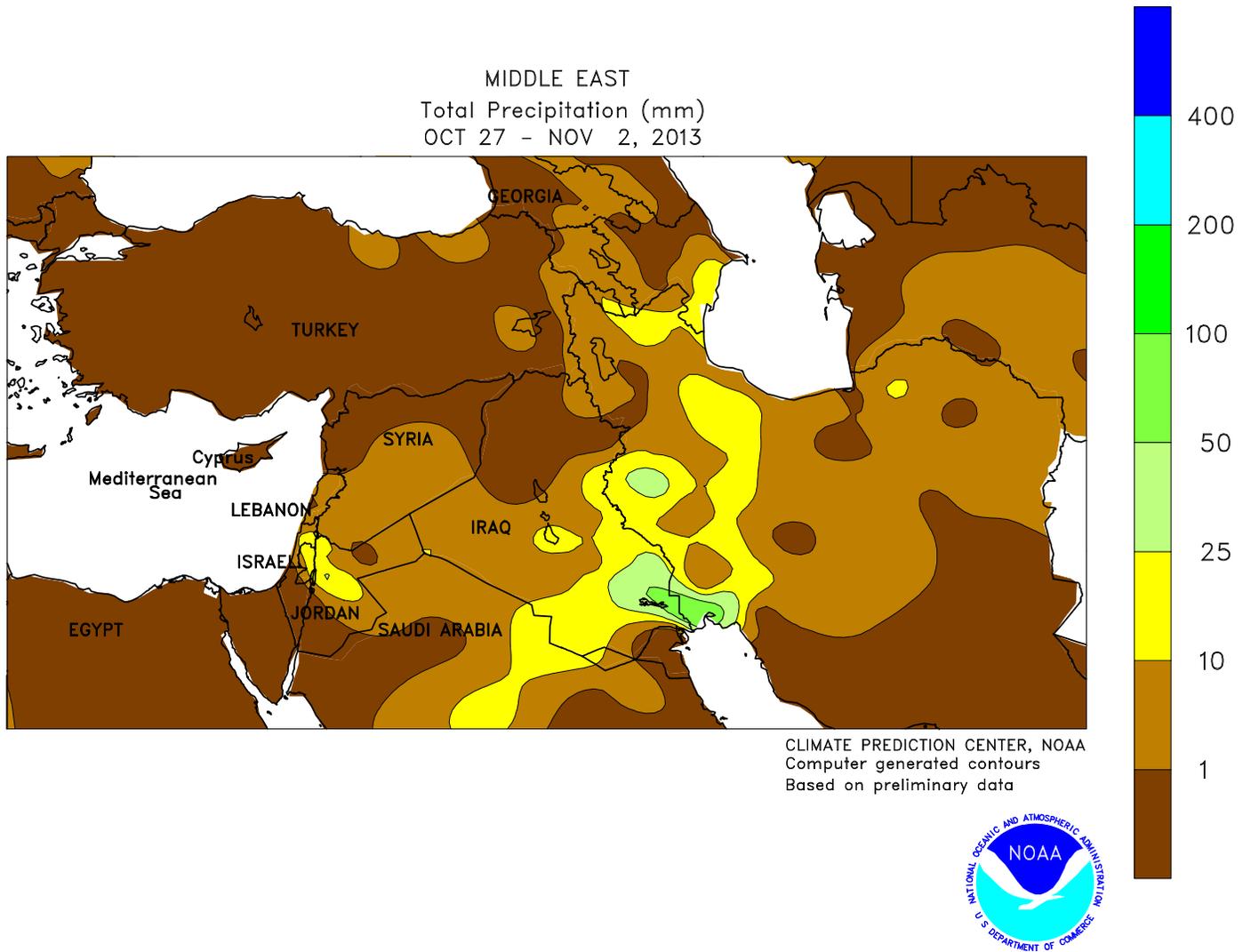
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**WESTERN FSU**

Unseasonably warm conditions expanded across the region, with rain in the north contrasting with dry weather in the south. A northward-displaced jet stream allowed spring-like warmth (2-8°C above normal) to expand from eastern Europe into Russia, as daytime highs approached or exceeded 20°C in most major winter crop areas. Consequently, winter wheat and

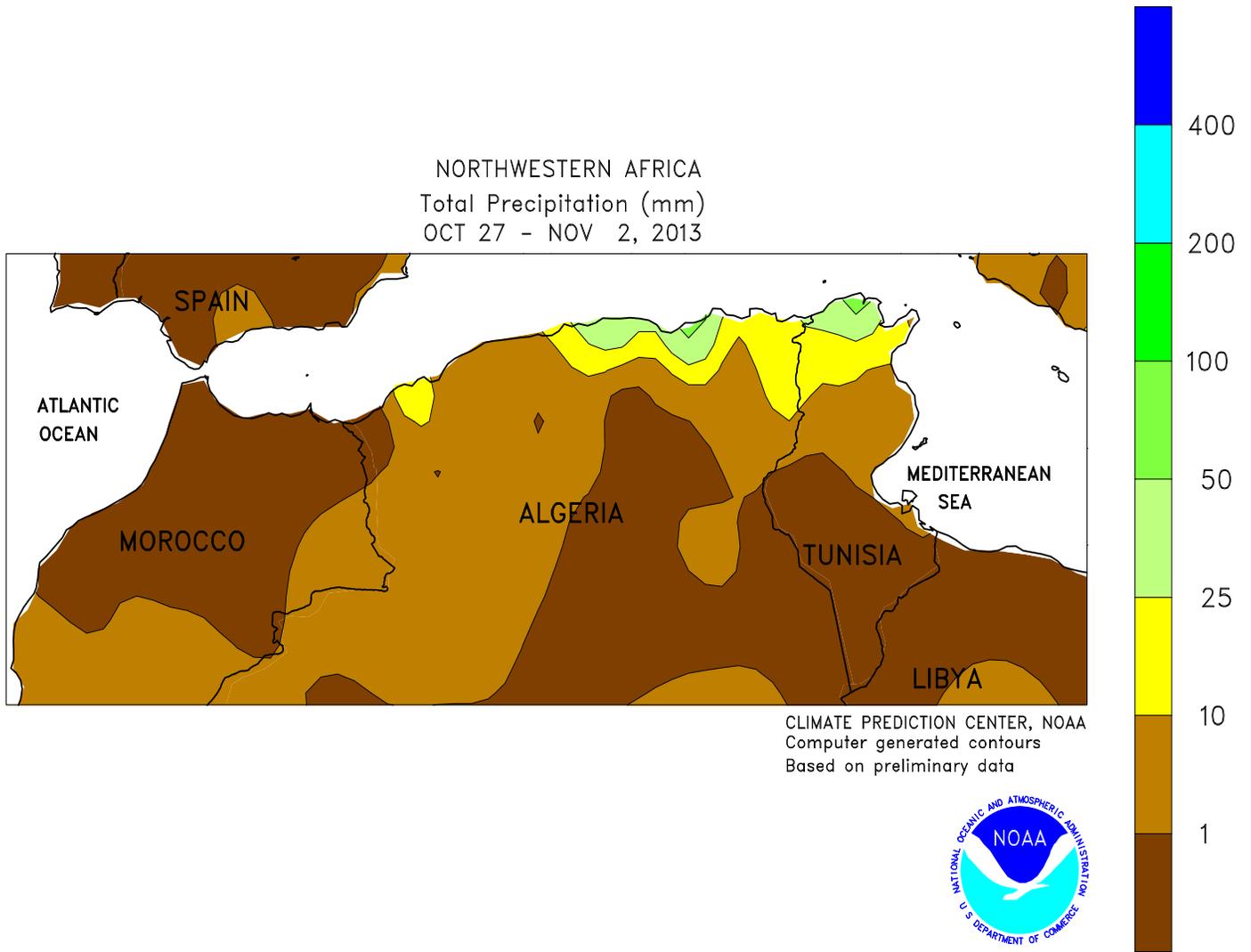
rapeseed added vegetative growth at a rapid pace, and any late-planted grains and oilseeds were able to become fully established prior to the seasonal onset of dormancy later in autumn. Rain (10-20 mm) was confined to northern growing areas, while mostly sunny skies favored seasonal fieldwork in Ukraine and Russia's Southern District.



**MIDDLE EAST**

Dry weather in the north contrasted with periods of rain in southern growing areas. An upper-air disturbance triggered light to moderate showers (2-33 mm) from southern Iraq into central Iran, providing soil moisture for vegetative wheat and barley. Meanwhile, dry

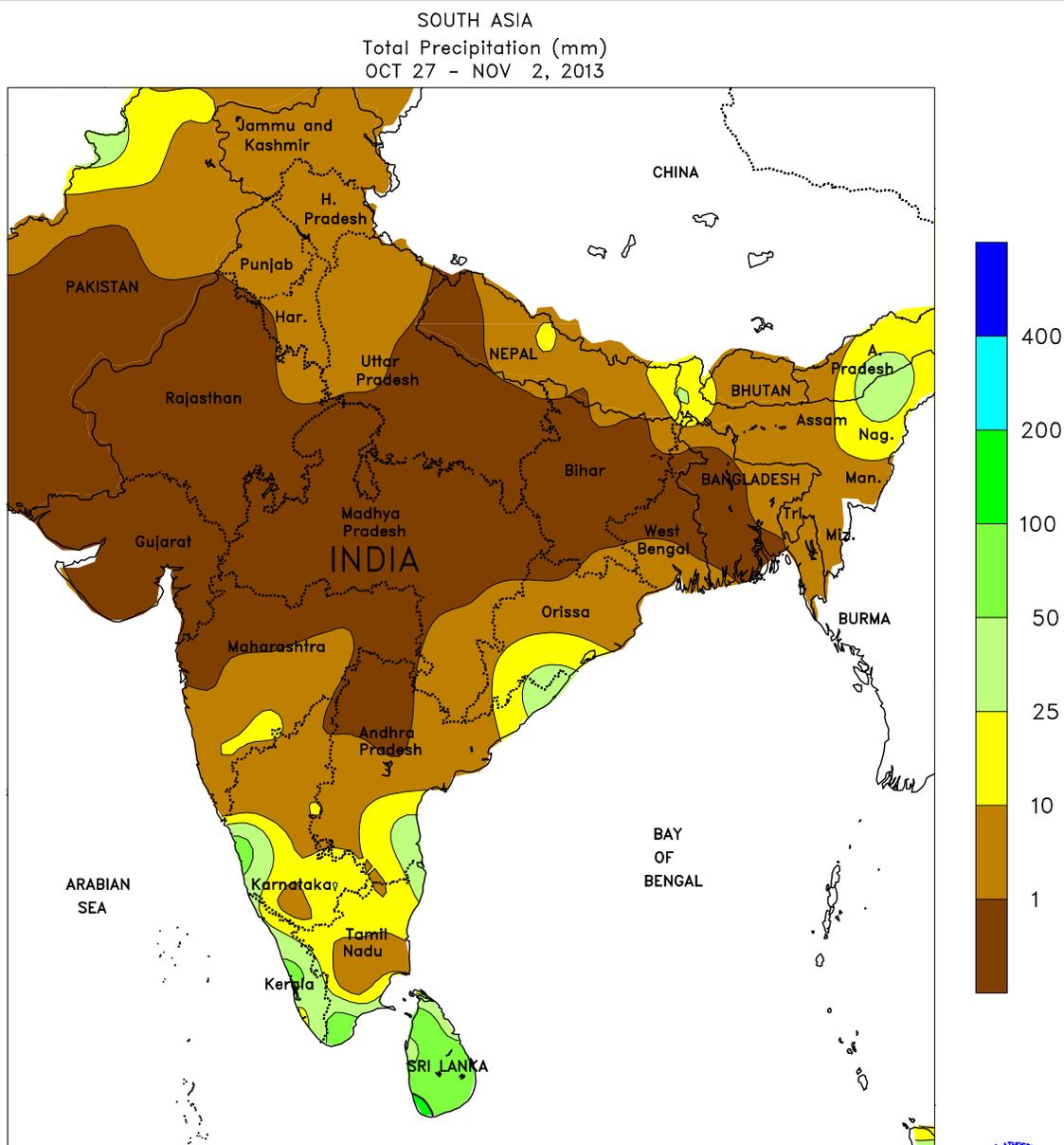
weather across Turkey, Syria, and northern Iraq favored a rapid pace of winter wheat planting, although producers would likely welcome some soil moisture in the near future for crop establishment prior to the arrival of colder weather.



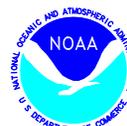
**NORTHWESTERN AFRICA**

The advent of the winter grain growing season featured showers in the east and mostly sunny skies in the west. A slow-moving disturbance over the central Mediterranean generated periods of rain (10-

50 mm) in Algeria and Tunisia, providing soil moisture for winter wheat and barley establishment. In contrast, dry, warm weather promoted winter wheat planting in Morocco.



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

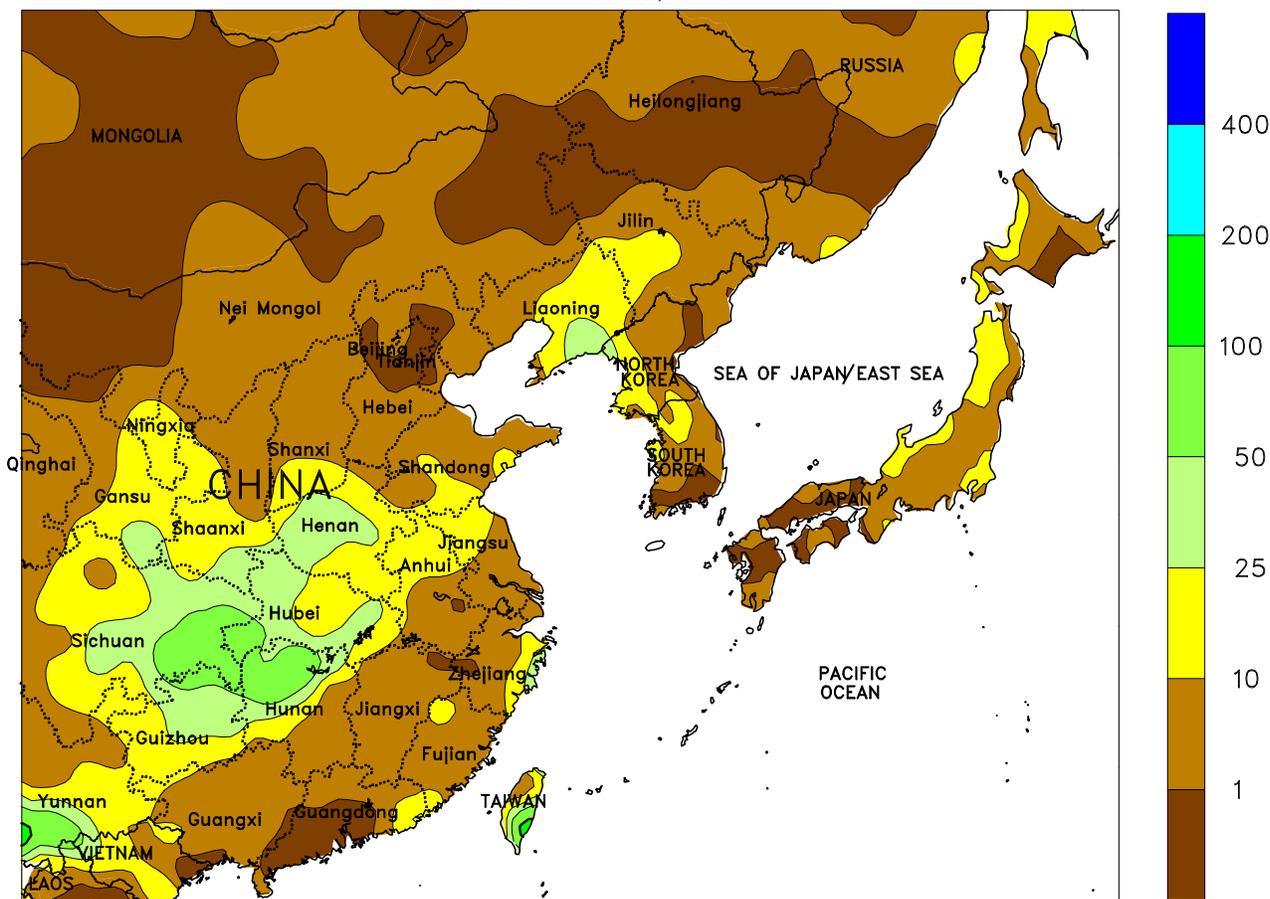


**SOUTH ASIA**

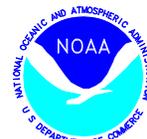
Seasonably dry weather overspread India following consistently heavy rainfall over the past few weeks (specifically in the east). The return to more seasonable conditions promoted summer (kharif) crop harvesting across the country as well as winter (rabi) crop planting in the north and east. Elsewhere in the region, similarly dry

weather facilitated rice and cotton harvesting in Pakistan in addition to winter wheat planting in the north. Dry weather also benefited late-season (aman) rice maturation and harvesting in Bangladesh. Meanwhile, seasonably wet weather (30-125 mm) boosted moisture supplies for main-season (maha) rice in Sri Lanka.

EASTERN ASIA  
 Total Precipitation (mm)  
 OCT 27 - NOV 2, 2013



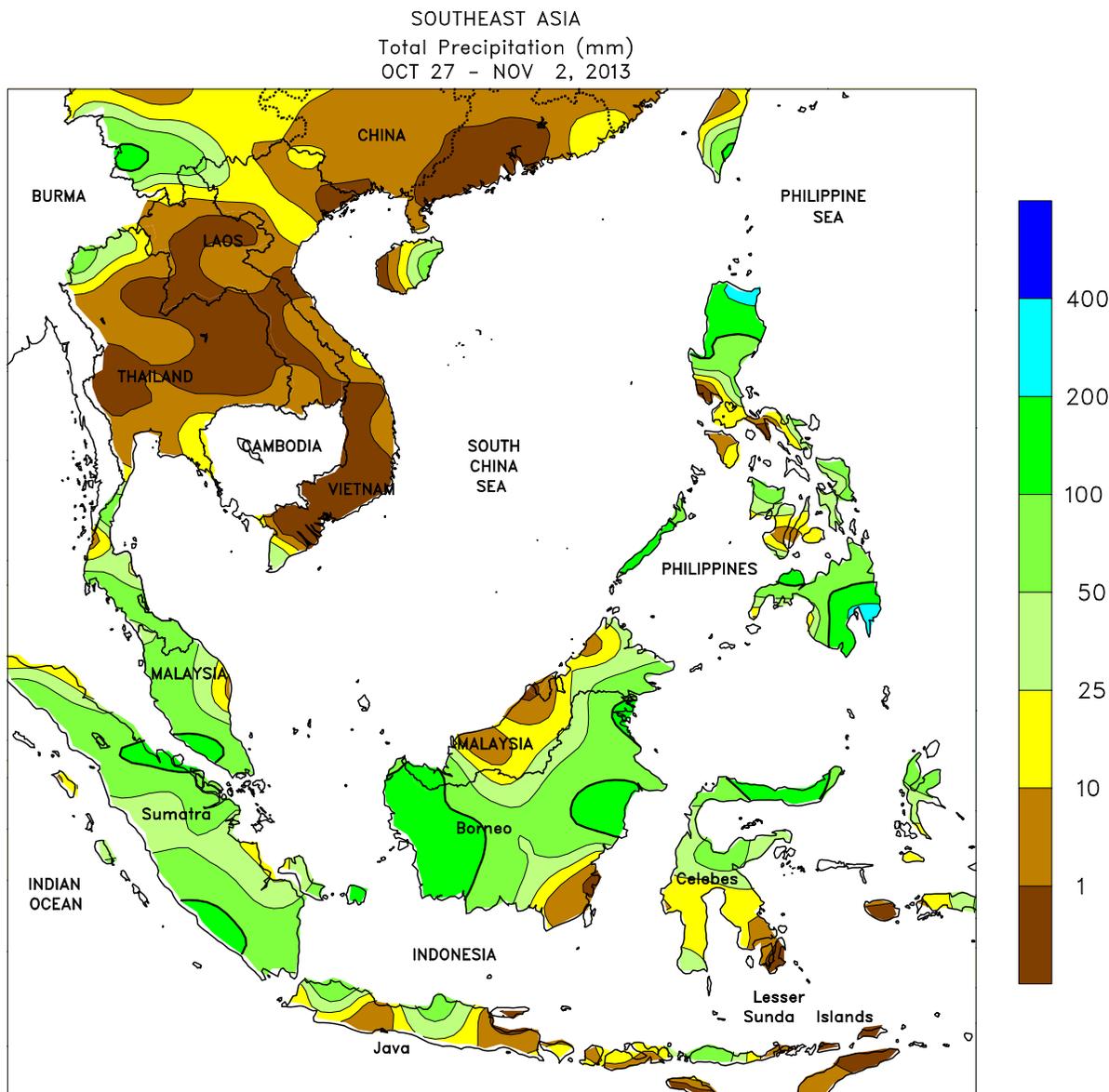
CLIMATE PREDICTION CENTER, NOAA  
 Computer generated contours  
 Based on preliminary data



**EASTERN ASIA**

Dry, mild weather promoted corn and soybean harvesting in northeastern China, although a brief period of rain (10-25 mm) early in the week caused minor delays, predominantly in Liaoning. Farther south, light showers (1-10 mm) prevailed for most of the week in Hebei and Shandong, while heavier showers (10-35 mm) occurred in Hunan and Anhui. The rainfall provided favorable establishment moisture for recently

planted winter wheat but caused summer crop (corn and cotton) harvesting delays where the highest totals occurred. Similarly, rainfall (10-25 mm) in the eastern Yangtze Valley favored emerging winter rapeseed, although there were some fieldworks delays in western portions from upwards of 75 mm of rain. In southeastern China, dry weather facilitated planting of winter vegetables and other minor crops.



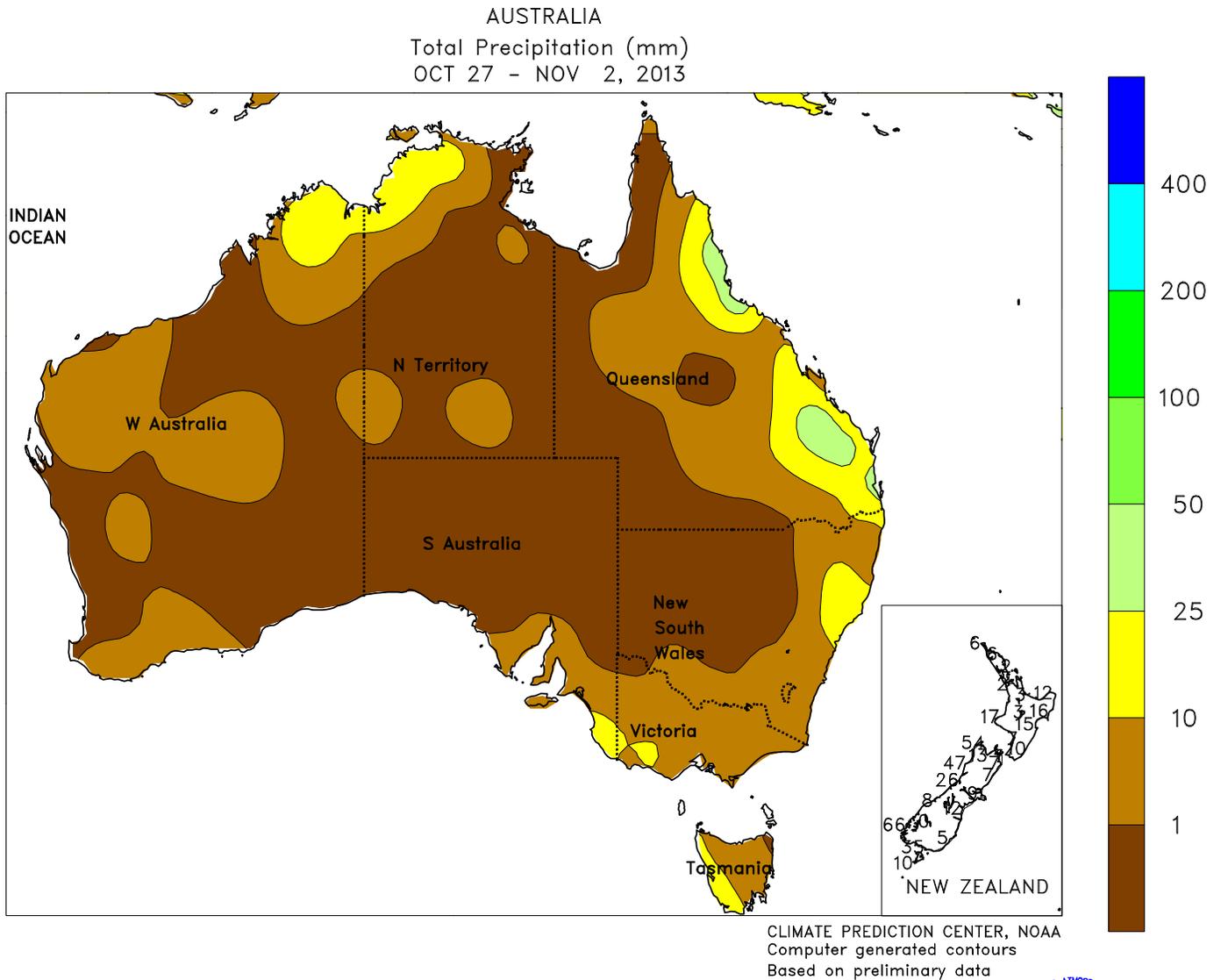
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**SOUTHEAST ASIA**

Typhoon Krosa cut a path across the far northern Philippines late in the week. Krosa brought high winds (90 knots, sustained) but only very localized heavy rainfall (300 mm) due to its location in far northern Luzon; most of the Philippines received less than 100 mm for the week. Crop impacts were likely also localized (mostly rice and corn that was ready for harvesting). Krosa intensified (100 knot sustained winds) briefly as it moved offshore and into the South China Sea but was beginning to dissipate as it approached central Vietnam

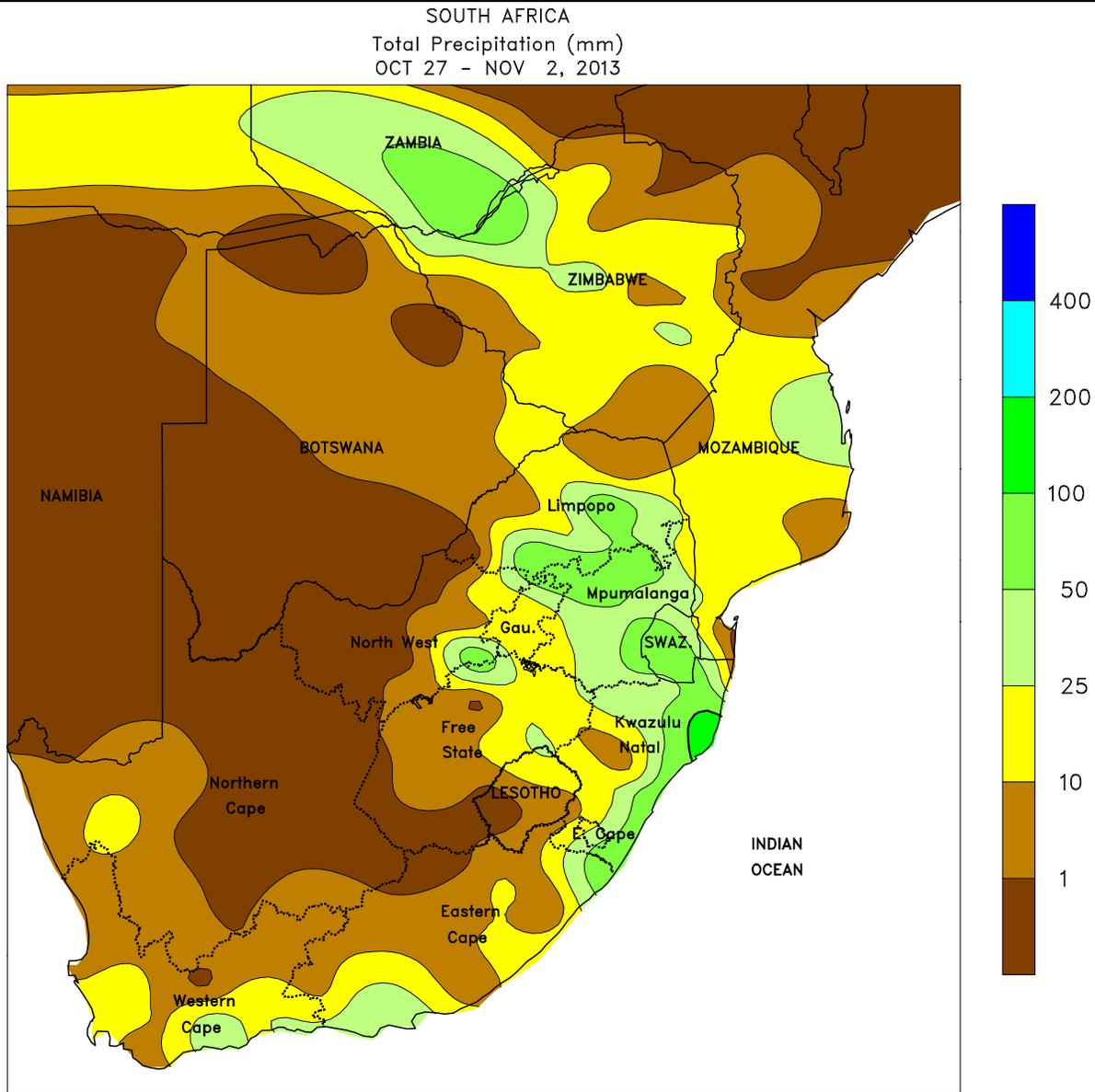
(more information will appear in next week's Bulletin). In advance of Krosa, seasonably dry weather prevailed across Indochina, benefiting rice harvesting. Meanwhile, showers (30-100 mm) increased soil moisture for oil palm in Malaysia and Indochina, while slowing harvesting. In addition, showers were increasing in Java, Indonesia, where upwards of 75 mm of rain in the west encouraged rice transplanting activities. The rainy season typically begins in the remainder of Java in late November.



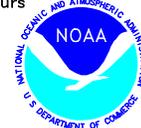
**AUSTRALIA**

In western and southeastern Australia, very warm, mostly dry weather favored wheat, barley, and canola maturation and harvesting. Showers (5-10 mm) were confined primarily to southern Victoria, which may have aided later maturing winter crops but likely had little impact on the bulk of the winter grains and oilseeds. In northern New South Wales and extreme southern Queensland, mostly dry, seasonably warm

weather favored rapid winter wheat harvesting but increased irrigation requirements for recently sown summer crops. In central Queensland, widespread showers (5-25 mm) boosted topsoil moisture for cotton and sorghum germination and emergence. Temperatures in southern and eastern Australia averaged near normal, while in Western Australia temperatures averaged 1 to 2°C above normal.



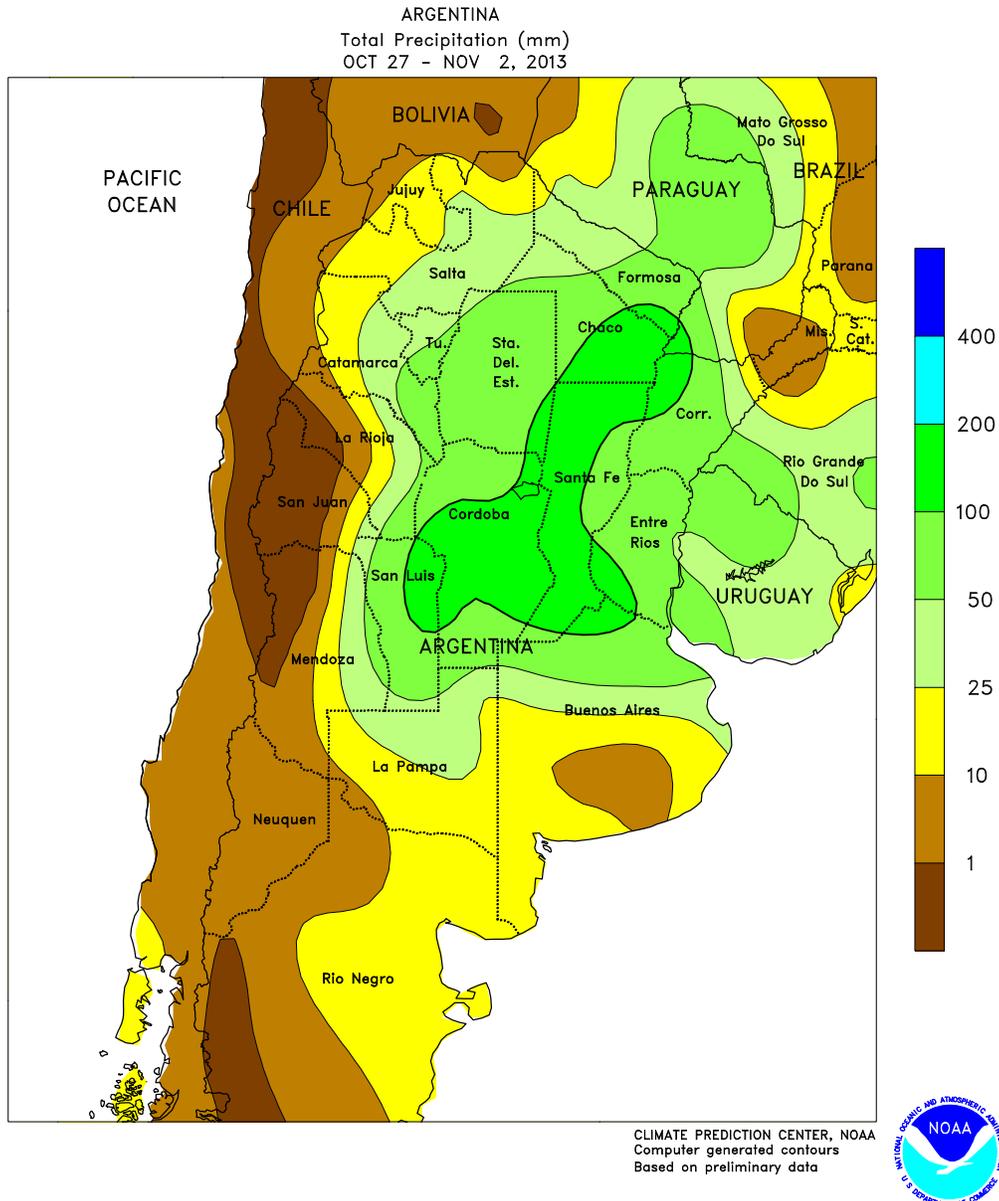
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**SOUTH AFRICA**

Showers maintained favorable planting prospects in eastern sections of the corn belt. Rainfall totaled 10 to 50 mm in the main production areas of Mpumalanga, Gauteng, and eastern Free State, with higher amounts (exceeding 50 mm) in northern Mpumalanga and southern Limpopo. Seasonably warm weather (daytime highs in the middle and upper 20s degrees C) that accompanied the rainfall favored emergence. Rainfall decreased toward the west, with little to no rain falling in central sections of North West and Free State; farmers in these areas typically plant summer crops

during December as moisture becomes available. Somewhat warmer conditions (daytime highs in the lower 30s) accompanied the dryness in North West and Free State, promoting winter wheat growth after last week's rain. Elsewhere, locally heavy rain (25-100 mm) increased moisture for sugarcane in major production areas of KwaZulu-Natal and eastern Mpumalanga. Lighter amounts (5-25 mm, in most locations) swept across the southern coast, giving a late-season boost in moisture to winter crops in Western Cape.

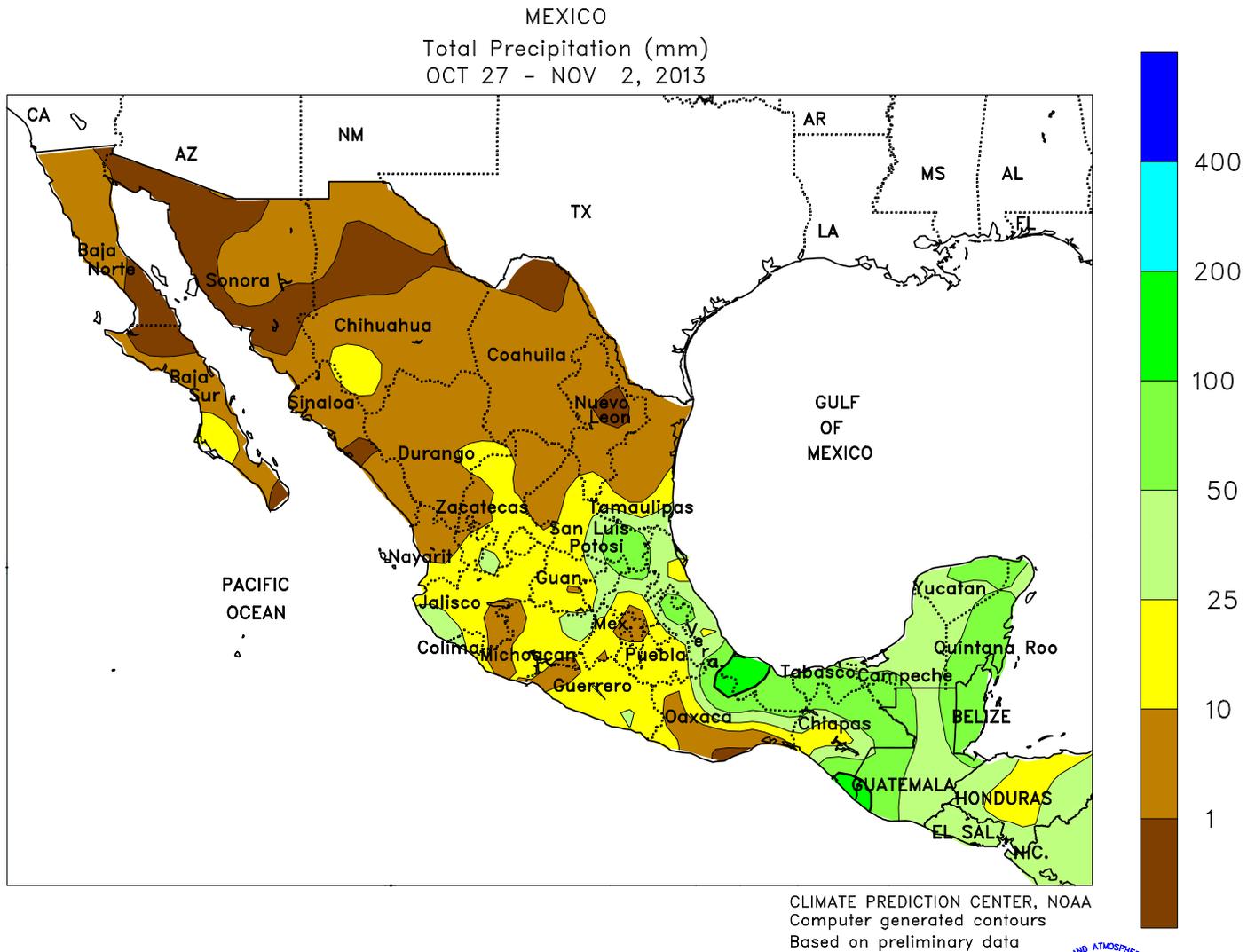


**ARGENTINA**

Heavy rain provided a much-needed boost in soil moisture. Rainfall totaled 50 to 100 mm across a broad area stretching from northern Buenos Aires to eastern Formosa, encompassing most major summer production areas in between, extending as far west as San Luis. Most other areas recorded at least 25 mm, the exception being the southern production areas of La Pampa and Buenos Aires, where drier conditions prevailed. For Cordoba and other key western farming areas, it was the heaviest rain of the season, helping to recharge topsoil moisture for germination and establishment of summer grains and oilseeds. Weekly

temperatures averaged near to slightly above normal (daytime highs from the middle 20s to lower 30s degrees C) in central Argentina and more than 3°C above normal (daytime highs exceeding 40°C) in the northwest from Santiago del Estero to Jujuy, spurring development of winter wheat and emerging summer crops. According to Argentina’s Ministry of Agriculture, corn and sunflowers were 31 and 55 percent planted, respectively, as of October 31, continuing to lag last year’s pace. In Cordoba, where earlier periods of dry weather had delayed fieldwork, corn was only 17 percent planted versus 50 percent last year.





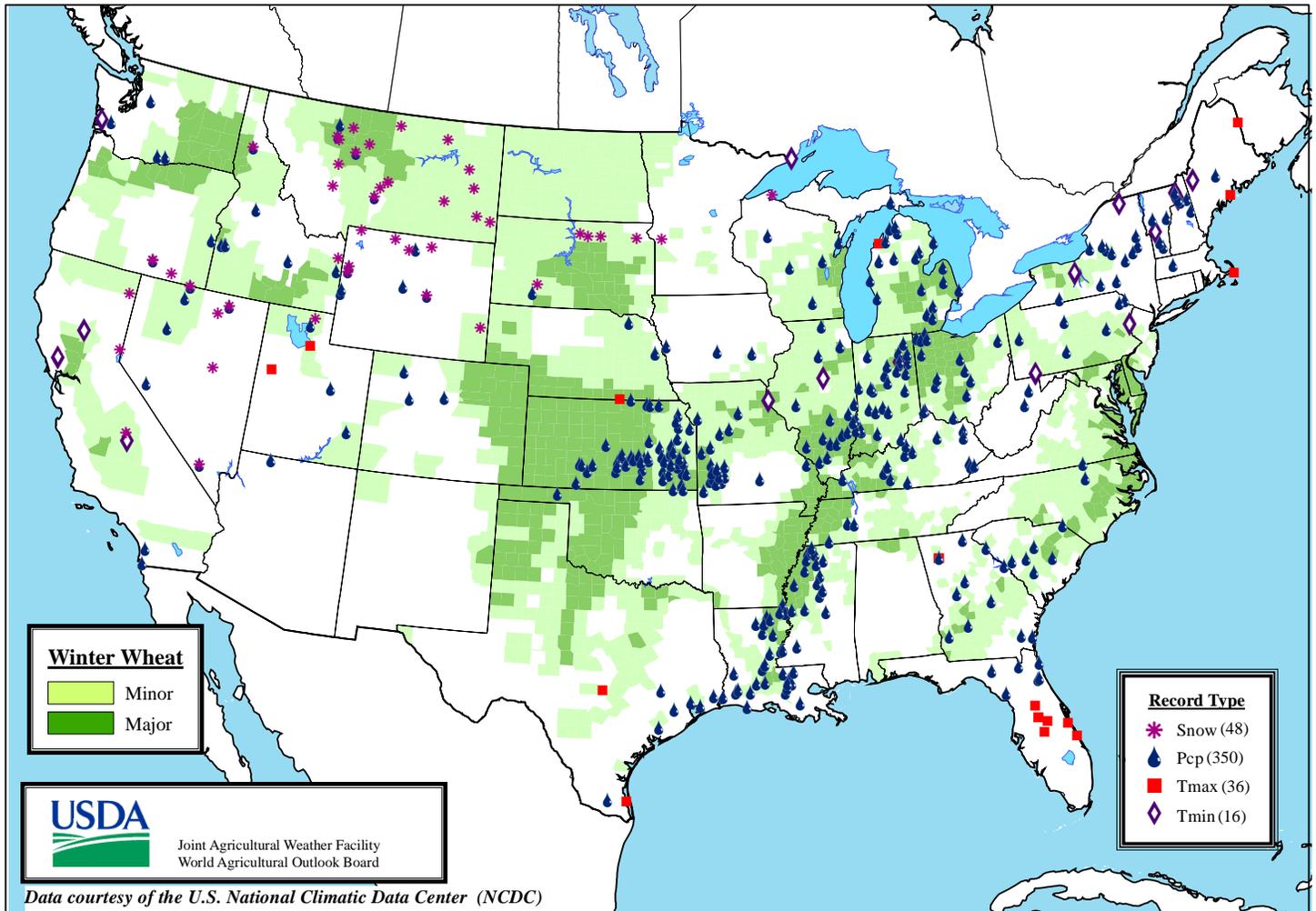
**MEXICO**

Drier weather brought some relief from recent weeks of inundating tropical showers. Little to no rain fell along the southern Pacific Coast, which experienced additional flooding from the near passage of Hurricane Raymond. Moderate to heavy rain (10 to 50 mm) lingered along the western Gulf Coast (Tamaulipas to Tabasco), although amounts were well below those recorded last week. Showers were also scattered throughout the southeast (Chiapas to Yucatan). Warm weather (daytime highs in the lower 30s degrees C) accompanied the

drier conditions in the aforementioned areas, advancing rain-fed summer crops toward maturation. Mostly dry, unseasonably warm weather also benefited late-season development of summer crops on the southern plateau. Warmth and dryness also dominated northern Mexico for much of the week, although showers developed toward the end of the period as Tropical Storm Sonia approached the western coast (additional information will appear in next week's *Weekly Weather and Crop Bulletin*).

# Daily Weather Records (ASOS & COOP)

## October 27-November 2, 2013



The *Weekly Weather and Crop Bulletin* (ISSN 0043-1974) is jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the *Weekly Weather Chronicle*. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53rd Congress, 3rd Session. The contents may be redistributed freely with proper credit.

Correspondence to the meteorologists should be directed to:  
**Weekly Weather and Crop Bulletin, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 4443B, Washington, DC 20250.**

Internet URL: <http://www.usda.gov/oce/weather>

E-mail address: [brippey@oce.usda.gov](mailto:brippey@oce.usda.gov)

The *Weekly Weather and Crop Bulletin* and archives are maintained on the following USDA Internet URL:

<http://www.usda.gov/oce/weather/pubs/Weekly/Wwcb/index.htm>

### U.S. DEPARTMENT OF AGRICULTURE World Agricultural Outlook Board

Managing Editor.....**Brad Rippey** (202) 720-2397

Production Editor.....**Brian Morris** (202) 720-3062

International Editor.....**Mark Brusberg** (202) 720-3508

Editorial Advisors.....**Charles Wilbur and Brenda Chapin**

Agricultural Weather Analysts.....**Harlan Shannon  
 and Eric Luebehusen**

### National Agricultural Statistics Service

Agricultural Statistician and State Summaries Editor.....

**Brent Chittenden** (202) 720-8068

### U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

National Weather Service/Climate Prediction Center

Meteorologists.....**David Miskus, Brad Pugh,  
 and Adam Allgood**

USDA is an equal opportunity provider and employer. To file a complaint of discrimination, write: USDA, Office of the Assistant Secretary for Civil Rights, Office of Adjudication, 1400 Independence Ave., SW, Washington, DC 20250-9410 or call (866) 632-9992 (Toll-Free Customer Service), (800) 877-8339 (Local or Federal relay), (866) 377-8642 (Relay voice users).