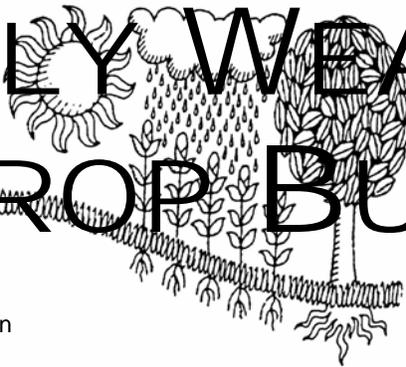
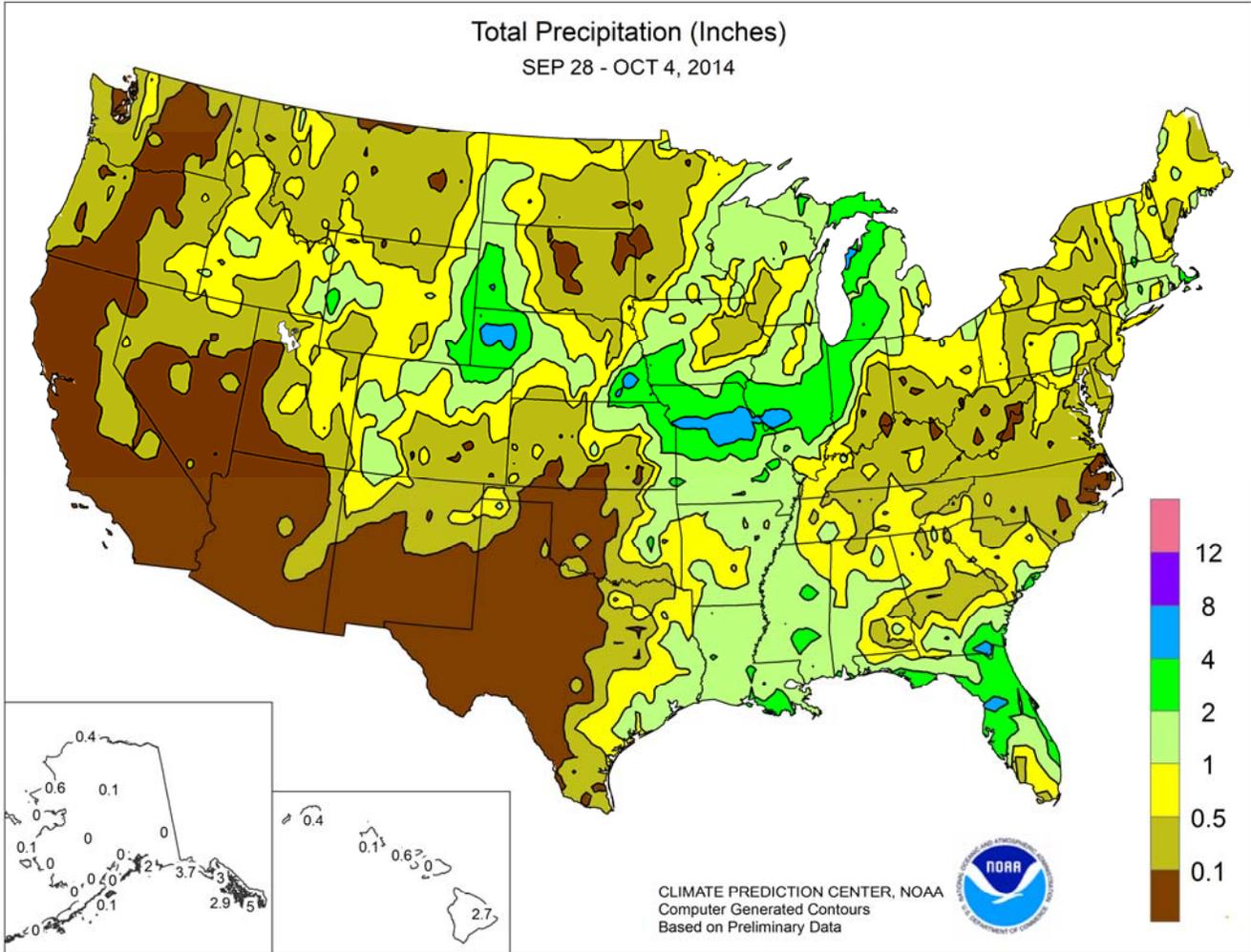


# WEEKLY WEATHER AND CROP BULLETIN



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

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



## HIGHLIGHTS

### September 28 – October 4, 2014

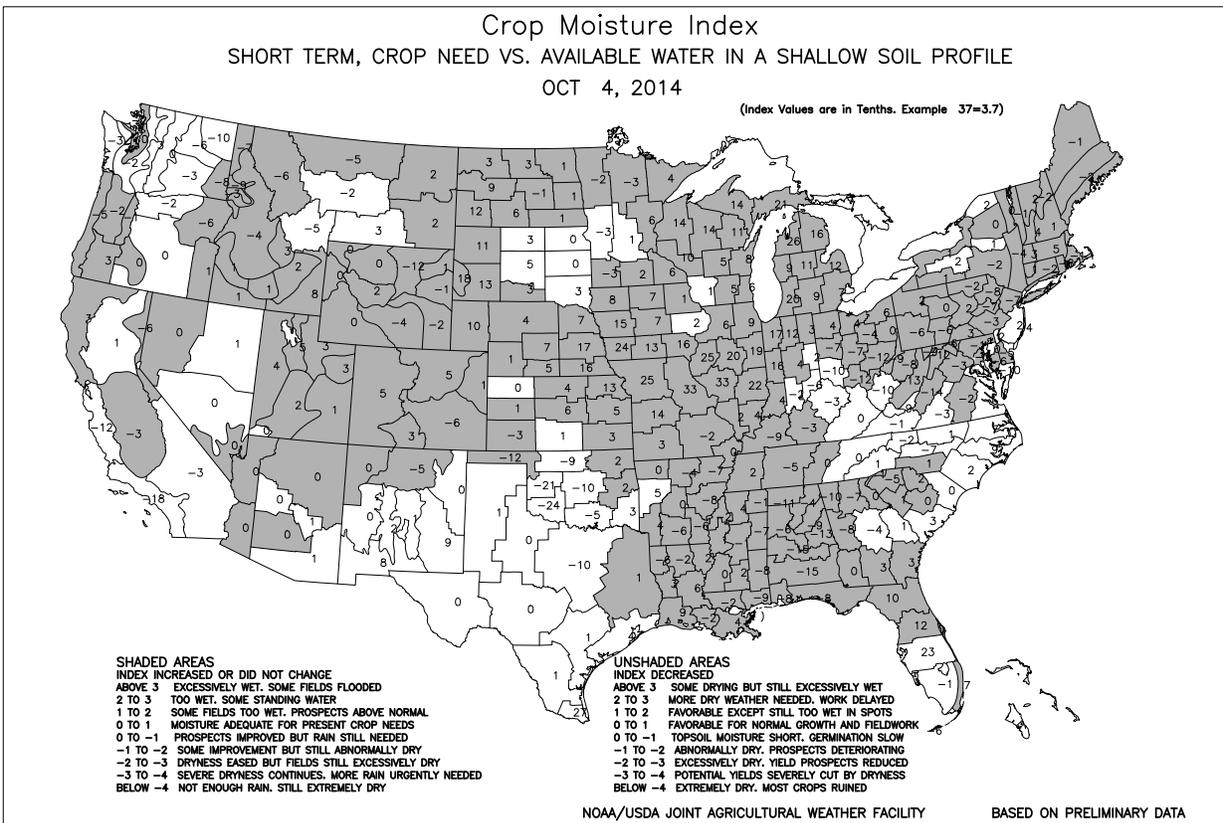
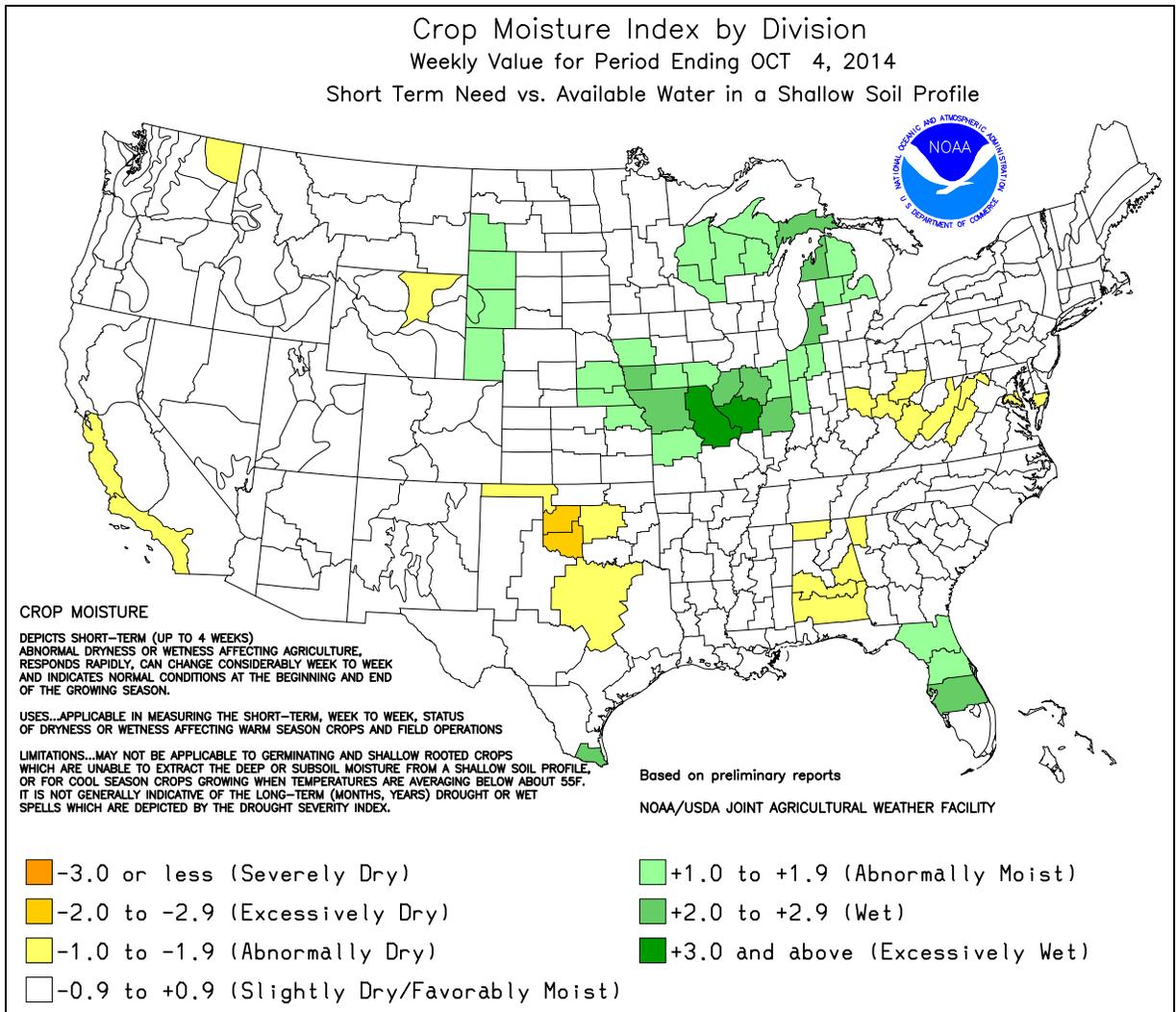
Highlights provided by USDA/WAOB

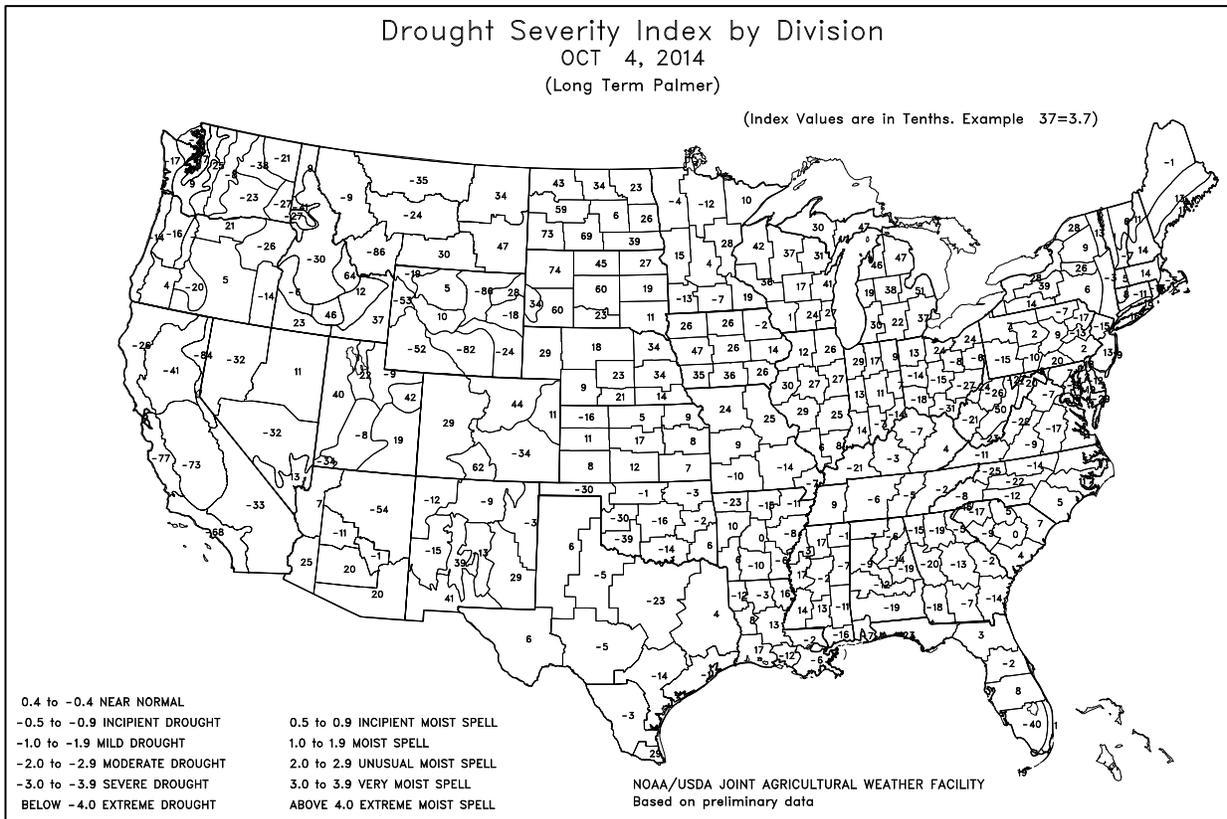
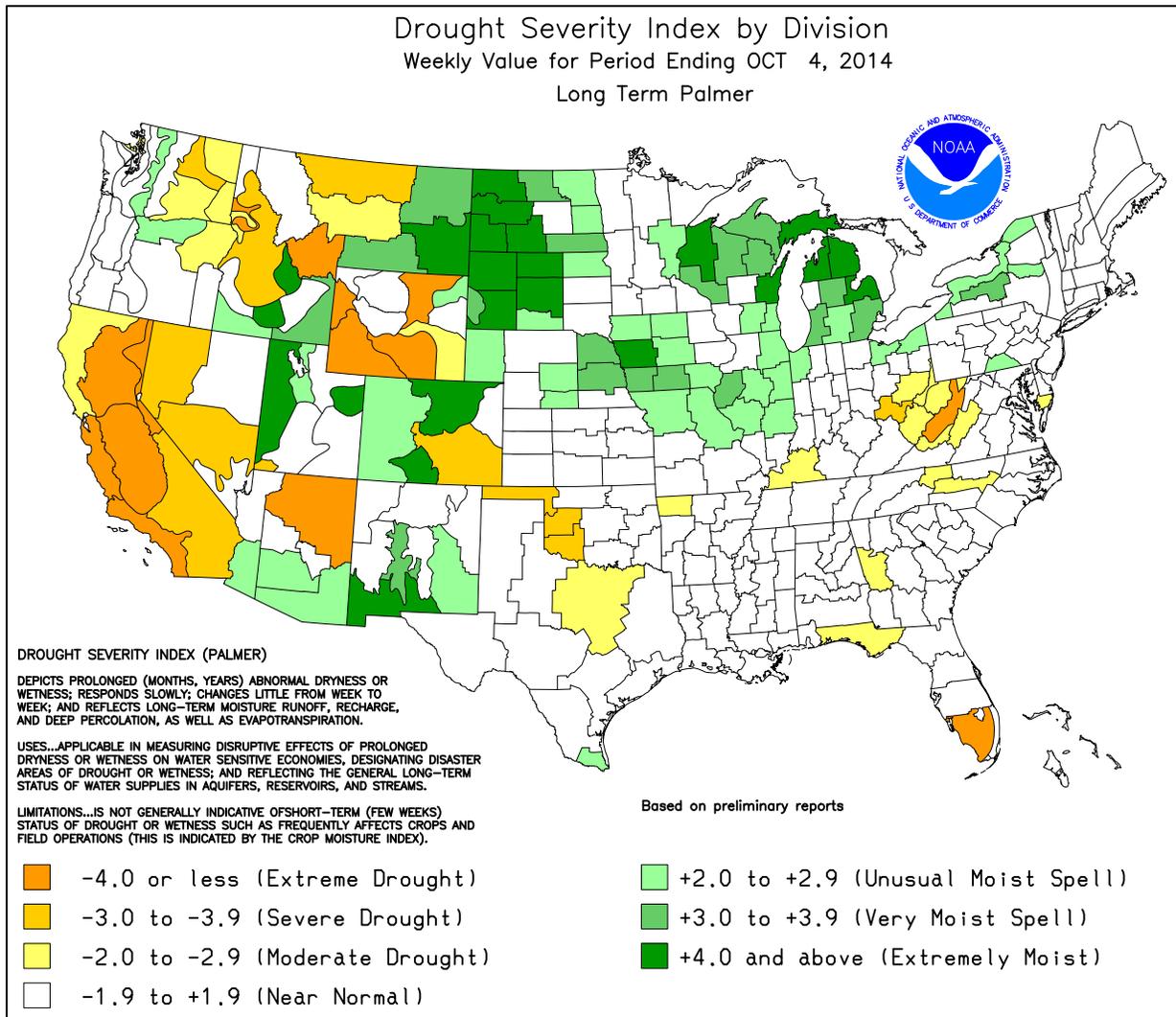
A late-week cold snap ended the growing season, roughly on schedule, across much of the **upper Midwest**. Although the freeze was not unusually early, some crops were developmentally delayed due to late planting and a relatively cool summer. As a result, producers in freeze-affected areas monitored immature corn and soybeans for signs of injury. By October 5, approximately 20 percent of the U.S. corn production area had experienced a freeze. Prior to the cold outbreak, much of the **central and eastern U.S.** had experienced several days of warm

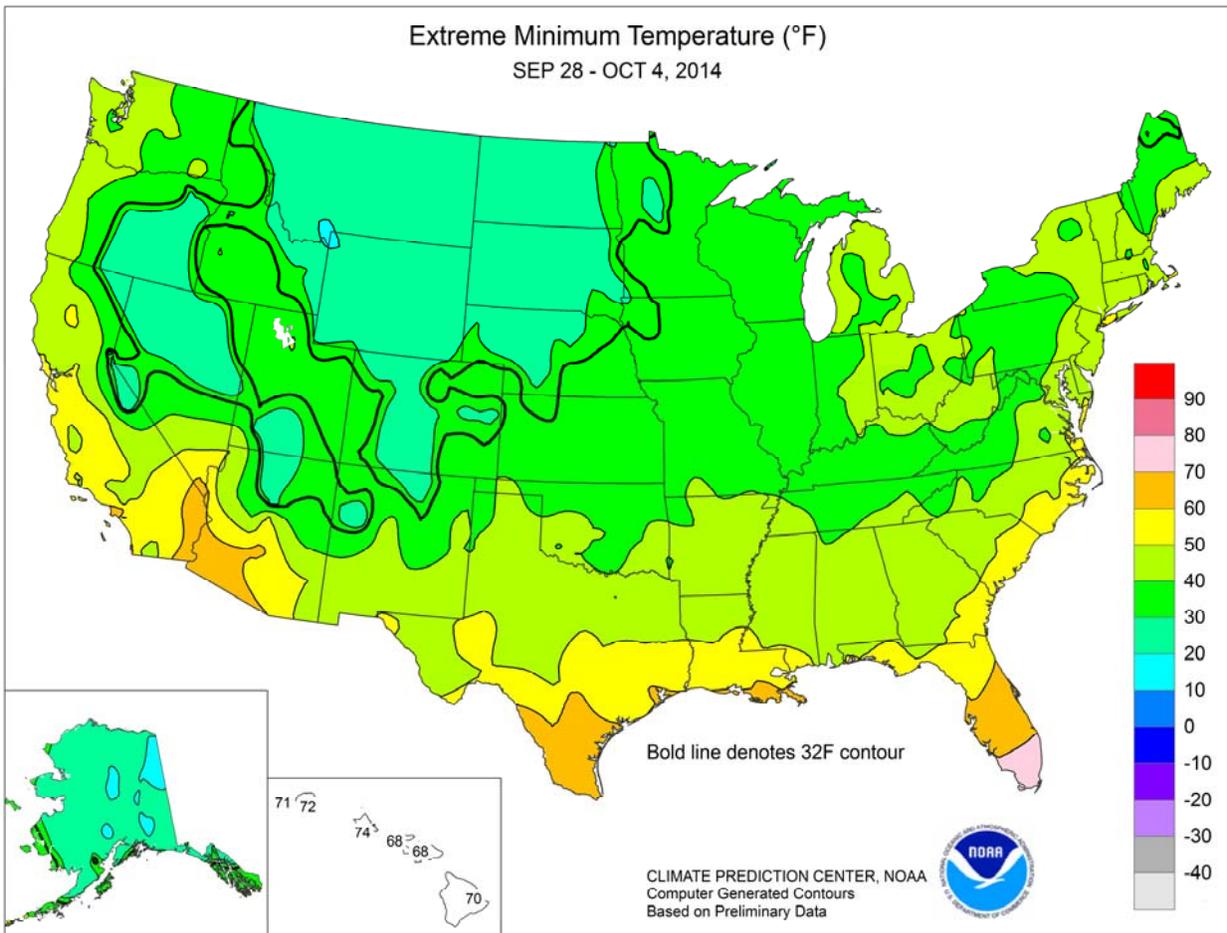
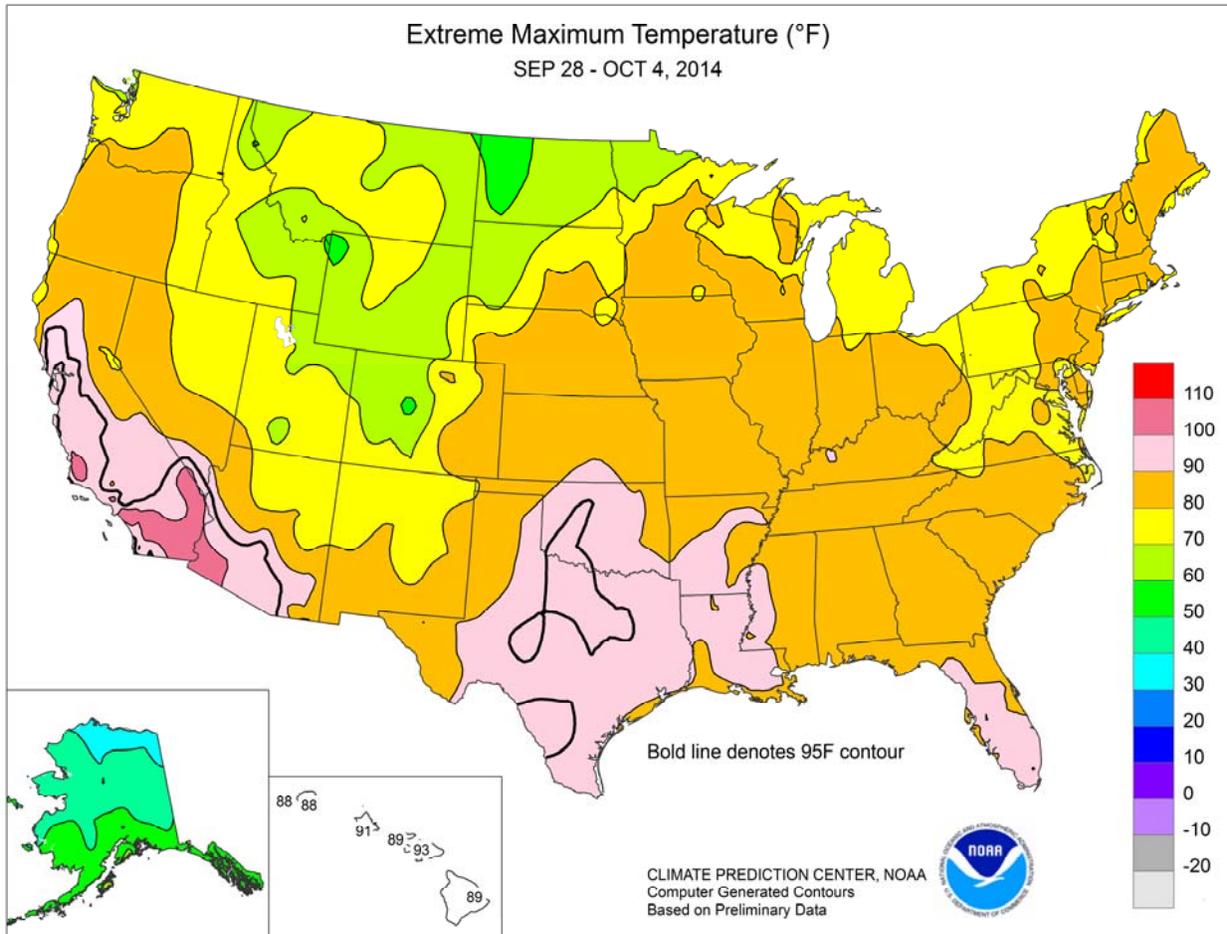
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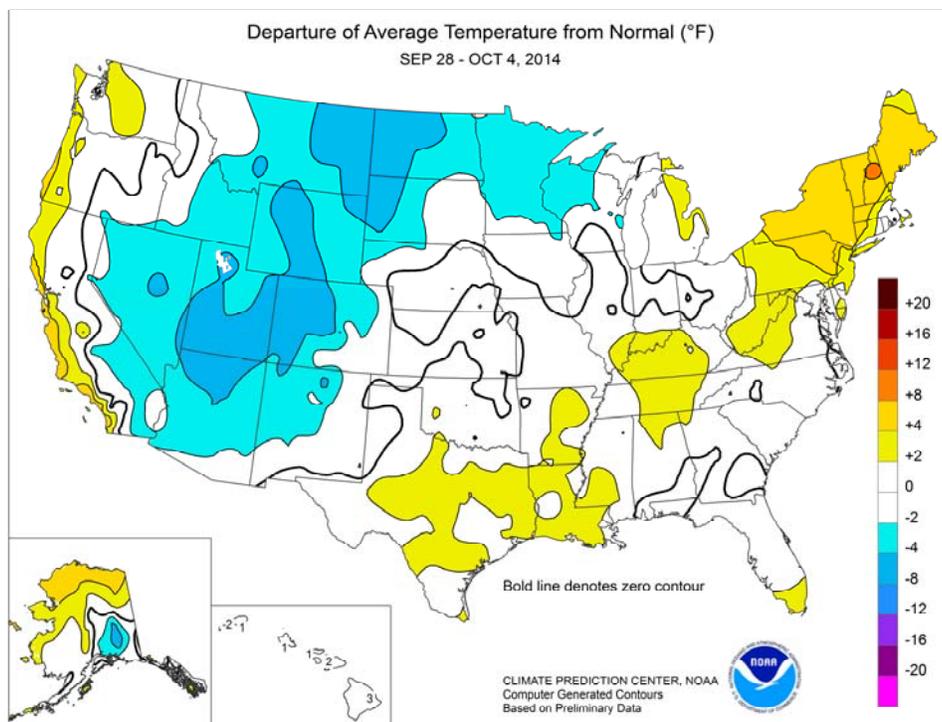


(Continued from front cover)

weather, followed by locally heavy rainfall. Some of the heaviest precipitation, locally 2 to 4 inches or more, fell in the **middle Mississippi and lower Missouri Valleys**. Rain also soaked portions of the **Deep South** and the **northern High Plains**—especially an area centered on **western sections of Nebraska and South Dakota**. In contrast, mostly dry weather prevailed from the **Pacific Coast to the southern Plains**. Initially, a period of cool weather dominated the **West**. However, record-setting warmth arrived along the **Pacific Coast** during the second half of the week and gradually spread inland. As a result, late-week temperatures reached or exceeded 100°F in parts of **California** and the **Desert Southwest**.

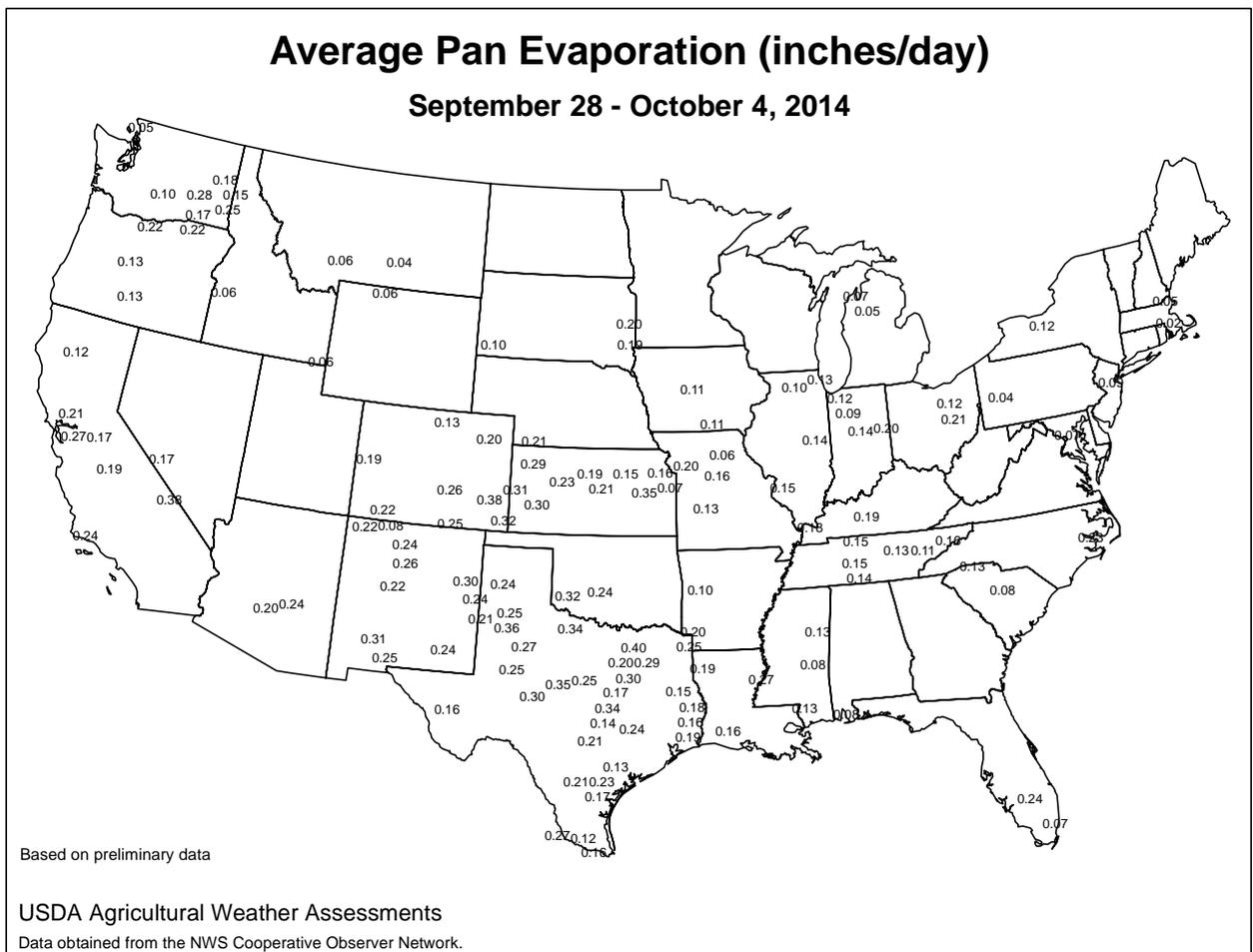
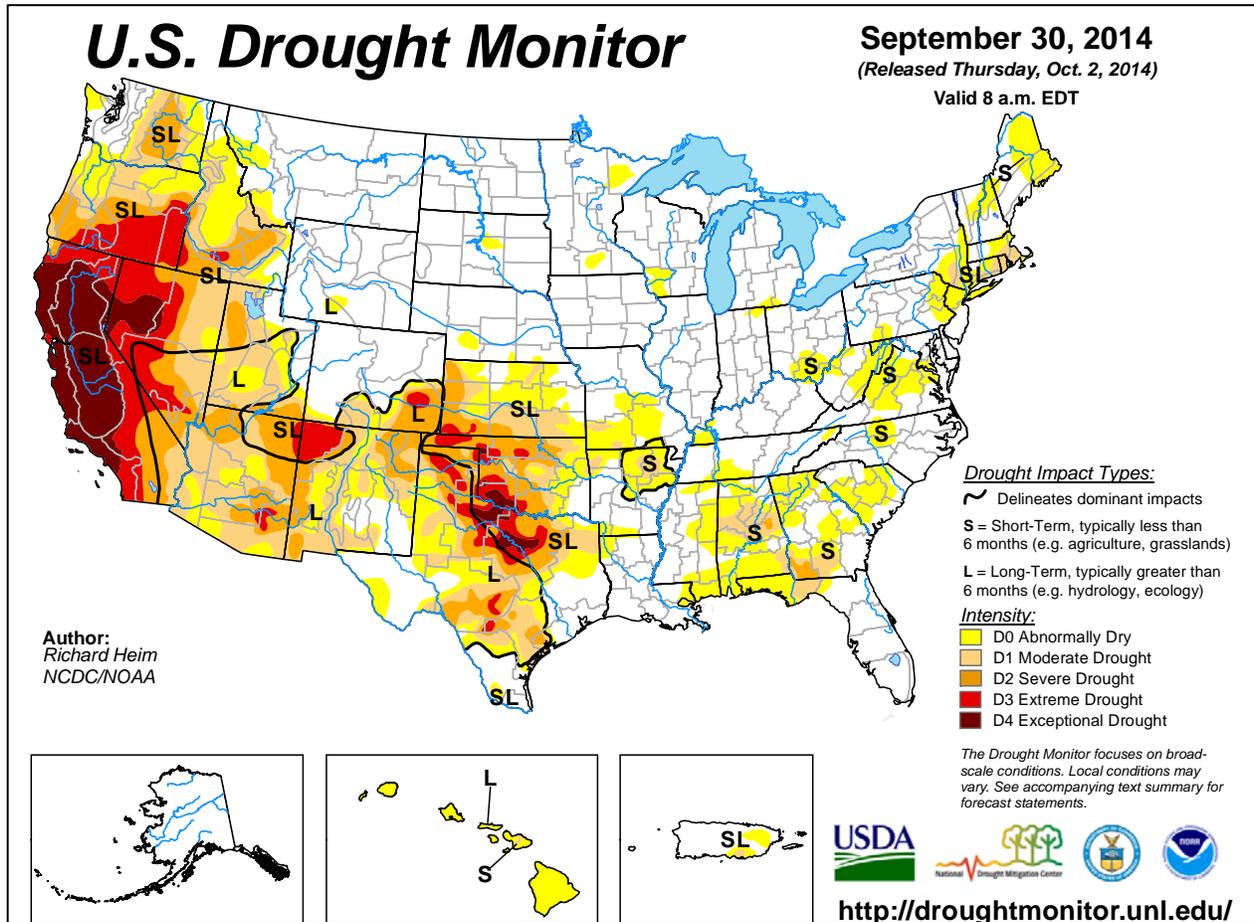
Early-week warmth was most pronounced in **New England**. On September 28, daily-record highs included 87°F in **Hartford, CT**, and 85°F in **Millinocket, ME**. Warmth also extended westward across the **nation's northern tier**, resulting in record-setting highs for September 28 in locations such as **St. Cloud, MN** (85°F), and **Sault Sainte Marie, MI** (80°F). A few days later, warmth shifted to **coastal California**, where daily-record highs for October 2 soared to 100°F in **Santa Maria** and **El Cajon**. Triple-digit heat affected **Santa Maria** on 2 additional days, with highs climbing to 100 and 104°F, respectively, on October 3-4. **Santa Ana, CA**, also experienced a triple-digit, daily-record high on October 3, with a high of 102°F. Meanwhile, a cold outbreak resulted in daily-record lows by October 3 in **Wyoming** locations such as **Sheridan** (20°F) and **Buffalo** (22°F). The following day on the **Great Plains**, record-setting lows for October 4 included 29°F in **Burlington, CO**, and 30°F in **McCook, NE**.

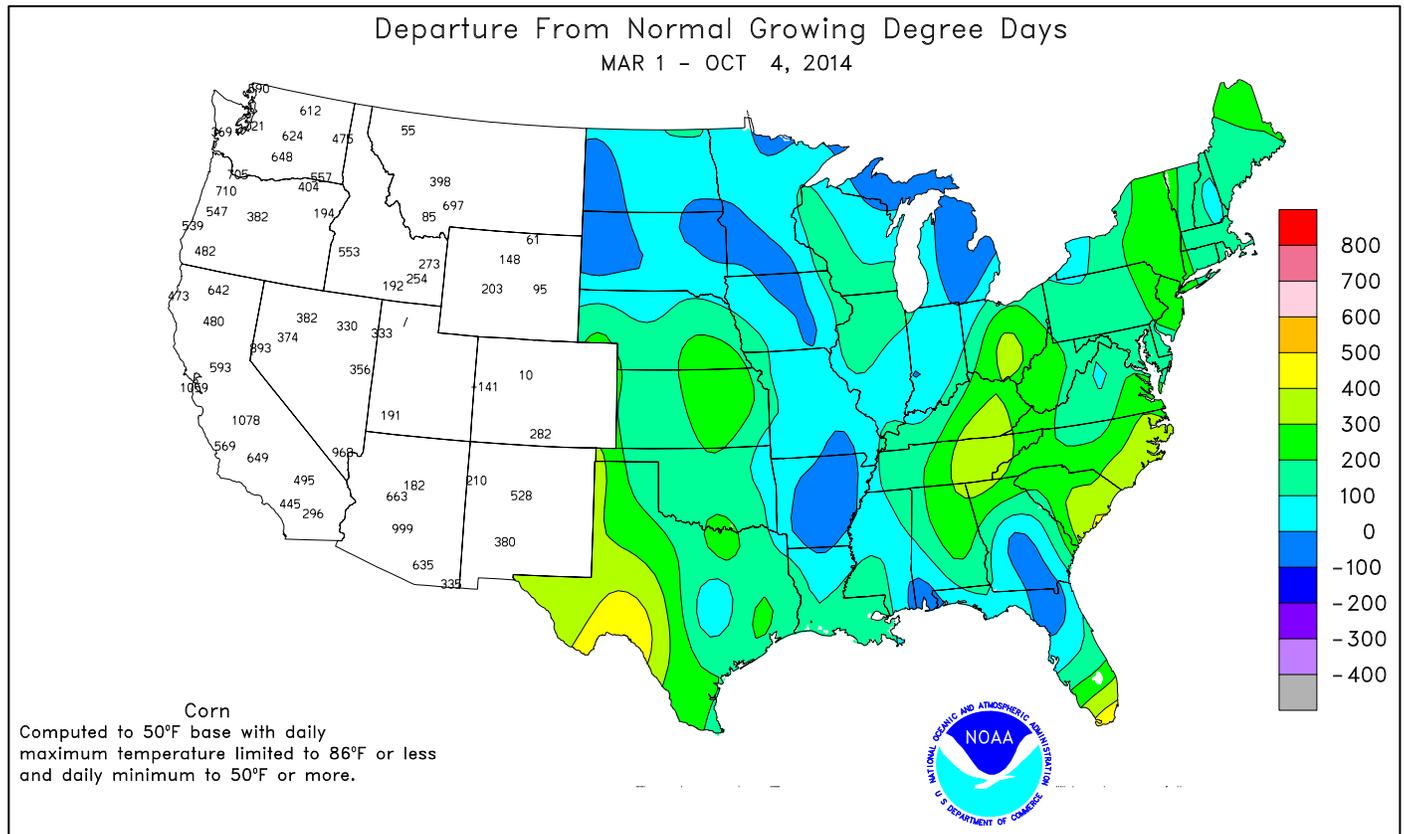
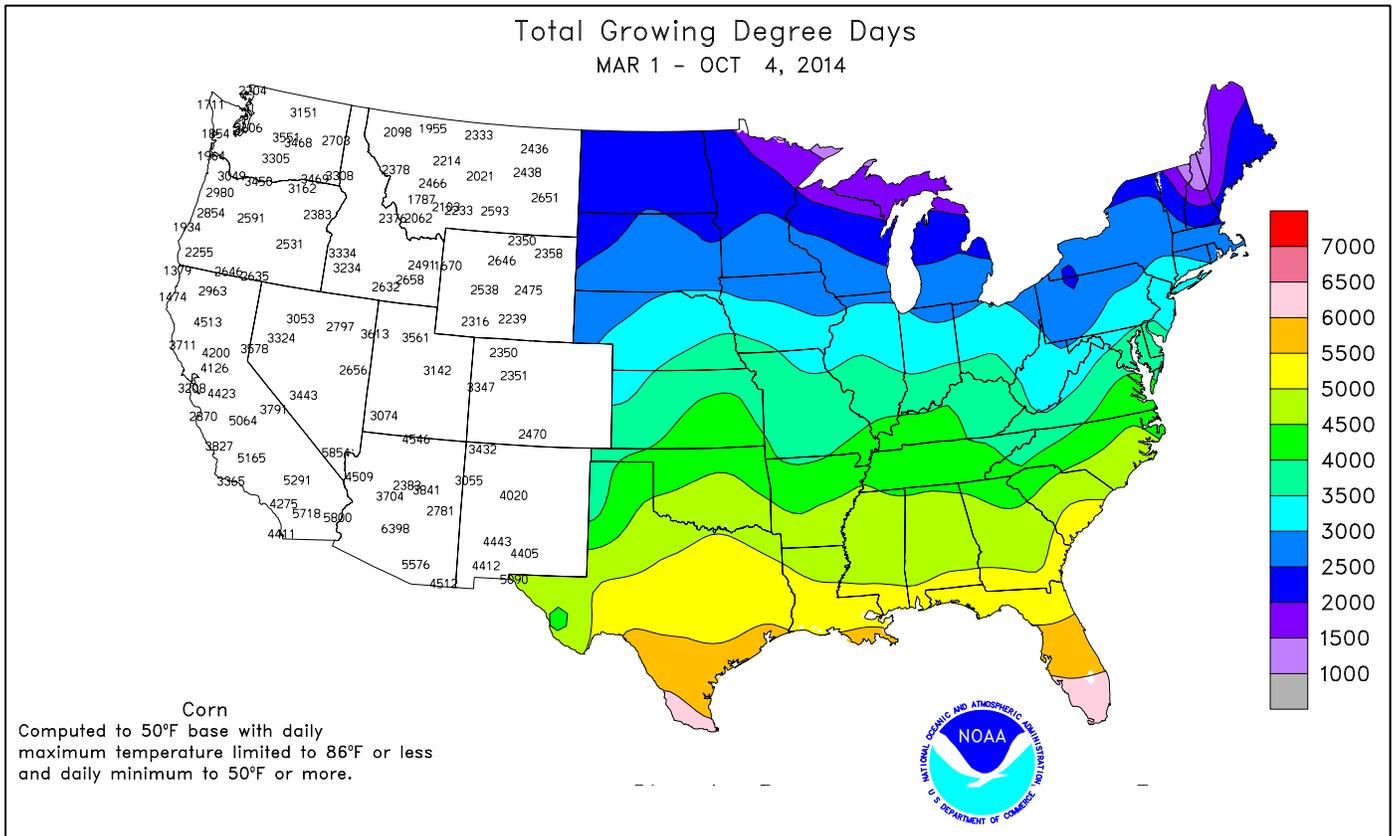
Rain and snow showers accompanied the late-week cold snap. A trace of snow was spotted in **Waterloo, IA**, and **Rochester, MN**, on both October 3 and 4. With a 0.6-inch snowfall on October 4, **Eau Claire, WI**, reported its earliest measurable snowfall (previously, 0.8 inch on October 9, 1932). **Peoria, IL**, noted a trace of snow and sleet on October 4, marking its second-earliest occurrence of frozen precipitation. (An inch of snow fell in **Peoria** on September 25, 1942.) Elsewhere in the **Midwest**, a trace of snow fell on October 4 in locations such as **Chicago, IL**, and **Madison, WI**. Farther south, wetness persisted across **Florida's peninsula**, where **Daytona Beach** completed its wettest September on record (18.15 inches; previously, 16.46 inches in 2004). Elsewhere in **Florida**, **Sarasota-Bradenton** received 10.53 inches of rain (148 percent of normal) during September, followed by a daily-record total of 2.96 inches on October 4. Earlier in the week, rainfall had spread from the **West** into the **Midwest**. Parts of **California** received some rain on September 28, when **Fresno**



netted a daily-record total of 0.18 inch. Farther inland, daily-record amounts for September 28 reached 1.37 inches in **Lander, WY**; 0.88 inch in **Idaho Falls, ID**; and 0.81 inch in **Grand Junction, CO**. By September 29, **East Rapid City, SD**—with 2.58 inches—experienced its second-wettest September day behind only 2.76 inches on September 16, 1913. Elsewhere on the 29th, daily-record amounts climbed to 2.95 inches in **Scottsbluff, NE**, and 1.01 inches in **Denver, CO**. **Lincoln, NE**, measured a daily-record total (3.30 inches) for September 30, while the 2-day rainfall climbed to 3.80 inches in **East Rapid City**. In early October, torrential rainfall erupted across parts of the **southern and eastern Corn Belt**. Record-setting amounts for October 2 climbed to 4.81 inches in **Columbia, MO**; 2.28 inches in **South Bend, IN**; and 2.08 inches in **Lincoln, IL**. Meanwhile in the **South**, daily-record totals for October 2 included 1.78 inches in **Greenwood, MS**, and 1.34 inches in **Shreveport, LA**.

Mild weather in much of **northern and western Alaska** contrasted with near-normal temperatures across the remainder of the state. Significant precipitation was mostly confined to **southeastern Alaska**, where weekly totals included 5.34 inches on **Annette Island** and 3.91 inches in **Yakutat**. More than half (2.72 inches) of **Annette Island's** weekly sum fell on September 28. **Fairbanks** received its first measurable snow of the season, 0.3 inch, on September 30, followed by a daily-record total of 2.8 inches on October 4. Farther south, unusually warm conditions persisted in **Hawaii**, resulting in numerous daily-record highs. On the **Big Island**, **Hilo** ended the month with consecutive daily-record highs (89 and 88°F, respectively) on September 29-30. **Lihue, Kauai**, also posted a daily-record high of 88°F on September 30. Later, **Honolulu, Oahu**, collected a daily-record high (91°F) on October 2. Meanwhile, spotty showers primarily dotted **Hawaii's** windward locations. **Hilo's** weekly rainfall total reached 2.43 inches, nearly half (1.18 inches) of which fell on September 28.







National Weather Data for Selected Cities

Weather Data for the Week Ending October 4, 2014

Data Provided by Climate Prediction Center

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F			
																90 AND ABOVE	82 AND BELOW	.01 INCH OF MORE	.50 INCH OF MORE
AL BIRMINGHAM	82	62	88	47	72	3	0.62	-0.23	0.62	2.26	50	35.11	83	87	47	0	0	1	1
HUNTSVILLE	84	60	90	41	72	4	0.43	-0.48	0.43	0.92	19	39.06	89	87	48	1	0	1	0
MOBILE	81	65	84	47	73	0	2.19	1.18	1.07	6.84	104	64.24	120	99	77	0	0	3	2
AK MONTGOMERY	84	64	90	47	74	2	0.60	-0.21	0.51	1.14	24	40.88	95	90	50	1	0	2	1
ANCHORAGE	50	34	55	29	42	-1	0.04	-0.55	0.02	4.13	129	16.43	135	71	57	0	2	2	0
BARROW	33	29	36	25	31	6	0.41	0.30	0.21	1.38	184	6.62	187	98	76	0	7	5	0
FAIRBANKS	42	30	46	24	36	-1	0.38	0.17	0.28	3.18	259	15.90	196	86	74	0	5	3	0
JUNEAU	52	40	56	28	46	-1	3.01	1.02	0.90	10.53	121	54.70	136	95	87	0	2	6	3
KODIAK	54	41	61	31	48	3	0.13	-1.91	0.07	7.63	85	56.86	106	71	56	0	1	3	0
NOME	45	34	48	28	39	2	0.01	-0.42	0.01	2.80	102	11.80	91	91	74	0	4	1	0
AZ FLAGSTAFF	66	33	74	28	49	-4	0.04	-0.40	0.04	2.84	120	15.68	89	86	23	0	4	1	0
PHOENIX	92	68	99	66	80	-2	0.02	-0.15	0.02	5.11	608	7.31	123	57	26	4	0	1	0
PRESCOTT	76	43	82	39	60	-2	0.00	-0.36	0.00	2.59	114	10.15	65	69	17	0	0	0	0
TUCSON	92	63	98	58	78	1	0.00	-0.30	0.00	2.77	171	6.70	71	55	25	5	0	0	0
AR FORT SMITH	82	57	89	42	70	1	0.00	-0.85	0.00	6.90	168	30.35	94	92	47	0	0	0	0
LITTLE ROCK	85	60	91	46	73	3	0.65	-0.20	0.65	2.66	63	39.77	108	86	37	1	0	1	1
CA BAKERSFIELD	87	61	95	58	74	1	0.00	-0.03	0.00	0.01	6	1.35	28	50	34	3	0	0	0
FRESNO	89	62	97	59	75	4	0.18	0.11	0.18	0.18	58	4.26	52	65	38	3	0	1	0
LOS ANGELES	83	63	95	62	73	4	0.00	-0.03	0.00	0.02	7	3.60	36	75	43	2	0	0	0
REDDING	85	57	94	52	71	1	0.00	-0.18	0.00	3.23	547	17.71	78	74	42	2	0	0	0
SACRAMENTO	87	56	96	51	72	3	0.00	-0.08	0.00	0.46	112	8.37	67	81	26	3	0	0	0
SAN DIEGO	82	66	93	64	74	4	0.00	-0.03	0.00	0.00	0	2.89	36	65	49	2	0	0	0
SAN FRANCISCO	84	62	95	60	73	10	0.00	-0.05	0.00	0.42	183	7.74	56	76	53	3	0	0	0
STOCKTON	87	55	96	50	71	1	0.00	-0.08	0.00	0.59	155	6.40	68	75	46	3	0	0	0
CO ALAMOSA	66	33	70	24	49	-1	0.32	0.15	0.18	0.41	42	4.28	73	82	39	0	4	2	0
CO SPRINGS	69	41	78	32	55	0	0.50	0.36	0.50	0.62	47	13.66	87	80	26	0	1	1	1
DENVER INTL	67	41	75	32	54	-2	1.19	0.97	1.01	1.97	168	17.08	143	87	35	0	1	4	1
GRAND JUNCTION	64	41	70	34	53	-7	1.34	1.12	0.81	2.35	226	10.43	151	91	63	0	0	3	2
PUEBLO	74	43	85	32	58	-2	0.27	0.16	0.27	0.62	69	10.22	94	73	35	0	1	1	0
CT BRIDGEPORT	70	57	80	51	63	2	0.97	0.19	0.56	3.07	76	34.29	101	90	73	0	0	2	1
HARTFORD	70	54	87	46	62	4	1.66	0.77	1.05	3.26	70	35.21	100	89	66	0	0	4	2
DC WASHINGTON	76	62	82	50	69	3	0.17	-0.66	0.09	1.30	31	34.96	115	84	53	0	0	3	0
DE WILMINGTON	74	56	81	45	65	3	0.63	-0.24	0.28	3.38	75	41.45	123	96	57	0	0	4	0
FL DAYTONA BEACH	86	72	89	64	79	1	0.49	-0.82	0.37	18.23	248	51.39	129	99	65	0	0	5	0
JACKSONVILLE	83	68	88	54	75	1	3.81	2.33	3.05	10.56	121	46.65	105	100	69	0	0	3	2
KEY WEST	89	81	90	77	85	3	0.27	-0.84	0.26	5.05	83	27.19	89	83	68	1	0	2	0
MIAMI	92	77	94	76	84	3	0.97	-0.68	0.51	7.77	83	56.90	119	91	57	7	0	3	1
ORLANDO	88	72	91	67	80	1	2.52	1.52	1.84	11.03	175	48.80	118	98	69	3	0	4	2
PENSACOLA	81	68	85	53	74	-1	1.00	-0.09	0.77	6.09	96	74.85	143	93	66	0	0	4	1
TALLAHASSEE	84	67	89	48	76	1	1.06	0.20	0.70	7.16	131	48.23	92	94	68	0	0	3	1
TAMPA	87	74	90	67	81	2	2.13	1.07	1.44	9.89	139	49.84	127	93	64	1	0	6	1
GA WEST PALM BEACH	90	75	91	73	82	2	1.34	-0.19	0.58	9.81	110	52.94	110	94	72	4	0	5	2
ATHENS	78	59	87	44	68	0	0.54	-0.24	0.34	5.18	130	34.65	93	93	65	0	0	3	0
ATLANTA	78	62	86	48	70	1	0.86	0.01	0.77	1.52	33	35.49	90	86	65	0	0	3	1
AUGUSTA	81	58	87	44	70	1	0.51	-0.21	0.43	2.71	68	31.13	87	95	56	0	0	2	0
COLUMBUS	79	64	87	53	71	-1	0.43	-0.14	0.35	4.47	132	40.64	106	94	55	0	0	3	0
MACON	78	60	86	43	69	-1	0.18	-0.43	0.12	2.86	79	36.77	103	100	63	0	0	2	0
SAVANNAH	83	65	88	53	74	1	0.67	-0.18	0.34	5.45	98	40.50	97	88	59	0	0	2	0
HI HILO	88	72	89	70	80	4	2.70	0.90	1.49	5.23	52	86.31	94	88	79	0	0	5	2
HONOLULU	89	76	91	74	82	1	0.06	-0.26	0.05	0.59	63	12.84	115	75	67	3	0	2	0
KAHULUI	91	71	93	68	81	2	0.01	-0.08	0.01	0.74	164	16.38	130	80	71	6	0	1	0
LIHUE	87	74	88	72	80	1	0.43	-0.35	0.24	1.80	57	25.98	99	84	73	0	0	4	0
ID BOISE	67	48	74	42	57	-2	0.72	0.56	0.49	0.88	104	9.50	108	76	52	0	0	3	0
LEWISTON	72	47	81	41	60	2	0.15	-0.02	0.15	0.25	28	7.90	82	72	45	0	0	1	0
POCATELLO	63	39	71	30	51	-3	0.24	0.05	0.18	1.46	146	10.23	108	85	56	0	2	3	0
IL CHICAGO/O'HARE	68	49	83	35	58	-1	1.07	0.50	0.70	3.89	108	35.97	126	92	62	0	0	4	1
MOLINE	70	49	85	37	59	-1	1.23	0.72	0.79	6.86	197	35.43	116	88	75	0	0	2	1
PEORIA	73	54	87	40	64	4	0.88	0.20	0.44	5.86	167	35.93	127	81	51	0	0	3	0
ROCKFORD	69	49	84	35	59	1	0.83	0.20	0.75	2.83	74	29.08	98	89	63	0	0	3	1
SPRINGFIELD	75	51	87	37	63	1	2.50	1.92	1.26	7.69	243	40.02	144	93	50	0	0	3	3
IN EVANSVILLE	81	55	89	39	68	4	0.42	-0.18	0.28	2.97	89	37.15	109	90	45	0	0	2	0
FORT WAYNE	70	48	82	40	59	0	0.74	0.18	0.65	5.64	181	36.03	127	91	58	0	0	3	1
INDIANAPOLIS	74	51	83	40	62	1	0.45	-0.12	0.26	2.98	93	33.49	105	84	47	0	0	2	0
SOUTH BEND	69	51	82	39	60	1	0.74	-0.04	0.49	3.46	82	31.66	104	75	65	0	0	3	0
IA BURLINGTON	71	51	84	36	61	-1	1.80	1.05	0.92	5.88	146	35.03	114	96	55	0	0	3	2
CEDAR RAPIDS	66	49	82	34	58	-1	0.08	-0.48	0.00	3.70	103	34.18	123	96	61	0	0	2	0
DES MOINES	70	52	85	36	61	1	1.41	0.82	1.34	5.67	163	38.02	131	84					

Weather Data for the Week Ending October 4, 2014

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE 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	80	54	91	37	67	1	0.15	-0.48	0.15	0.63	19	22.59	90	79	42	1	0	1	0	
KY JACKSON	75	55	83	39	65	2	0.21	-0.56	0.21	2.56	61	40.85	107	92	53	0	0	1	0	
LEXINGTON	79	54	88	40	67	4	0.46	-0.19	0.46	4.81	138	44.53	123	84	47	0	0	1	0	
LOUISVILLE	81	57	88	43	69	4	0.25	-0.40	0.25	3.56	104	34.74	100	84	42	0	0	1	0	
LA PADUCAH	80	53	88	36	66	2	0.70	-0.12	0.50	1.61	40	38.38	103	98	41	0	0	3	1	
BATON ROUGE	85	67	92	52	76	2	1.19	0.27	1.13	3.77	70	50.88	102	95	56	2	0	3	1	
LAKE CHARLES	85	69	89	55	77	2	1.14	-0.02	1.02	6.12	93	58.20	130	93	57	0	0	3	1	
NEW ORLEANS	83	72	91	57	77	2	1.56	0.69	1.15	4.25	71	47.21	92	87	65	1	0	2	1	
SHREVEPORT	87	65	93	48	76	3	1.38	0.51	1.34	2.59	70	28.57	75	88	45	2	0	2	1	
ME CARIBOU	64	40	84	33	52	3	0.05	-0.62	0.04	2.41	66	31.07	109	93	59	0	0	2	0	
PORTLAND	65	51	80	42	58	5	0.32	-0.53	0.31	1.20	31	39.40	120	93	72	0	0	2	0	
MD BALTIMORE	73	55	81	40	64	2	1.10	0.25	0.89	3.41	76	41.68	127	92	63	0	0	4	1	
MA BOSTON	64	54	87	48	59	-1	1.86	1.08	1.23	2.38	61	29.27	93	97	78	0	0	5	1	
WORCESTER	63	52	79	47	57	2	1.38	0.36	0.55	3.85	79	38.89	106	99	76	0	0	4	1	
MI ALPENA	63	47	77	41	55	3	1.19	0.63	0.70	4.79	154	26.67	119	97	72	0	0	3	1	
GRAND RAPIDS	66	49	79	41	58	2	2.76	1.96	1.15	6.22	132	32.69	114	96	64	0	0	4	2	
HOUGHTON LAKE	63	44	77	40	54	2	1.70	1.14	1.46	4.76	139	24.83	110	96	74	0	0	3	1	
LANSING	66	48	78	39	57	1	2.53	1.92	1.38	4.83	126	32.04	129	93	67	0	0	4	2	
MUSKOGON	66	50	77	43	58	2	1.60	0.95	0.89	3.45	89	30.06	122	86	66	0	0	4	1	
TRaverse CITY	64	48	76	41	56	1	2.63	1.90	1.07	8.57	215	28.87	113	91	64	0	0	5	2	
MN DULUTH	56	44	81	35	50	0	1.27	0.53	0.64	2.59	57	27.52	106	89	73	0	0	6	1	
INT'L FALLS	53	38	64	32	46	-2	0.65	0.08	0.40	3.35	100	27.91	138	94	76	0	2	3	0	
MINNEAPOLIS	61	45	82	36	53	-3	1.67	1.21	0.78	2.54	86	33.54	136	88	67	0	0	5	2	
ROCHESTER	60	43	80	33	52	-2	0.91	0.36	0.56	4.48	131	29.90	113	91	74	0	0	3	1	
ST. CLOUD	61	45	85	34	53	0	0.45	-0.06	0.27	4.39	137	33.76	147	88	57	0	0	5	0	
MS JACKSON	85	63	90	49	74	3	0.47	-0.22	0.47	2.19	60	45.88	108	92	47	3	0	1	0	
MERIDIAN	83	61	89	46	72	1	1.28	0.48	0.89	3.04	74	41.49	91	93	61	0	0	2	1	
TUPELO	82	59	89	45	71	3	0.00	-0.77	0.00	3.28	87	39.21	94	91	49	0	0	0	0	
MO COLUMBIA	75	54	86	38	65	3	6.39	5.67	4.80	12.56	328	36.85	117	90	51	0	0	3	2	
KANSAS CITY	73	53	84	37	63	-1	4.22	3.18	2.70	6.44	123	32.43	104	91	51	0	0	4	2	
SAINT LOUIS	79	57	88	42	68	3	1.80	1.18	1.22	6.00	181	34.97	117	84	51	0	0	3	1	
SPRINGFIELD	77	55	87	40	66	1	1.73	0.78	1.73	6.77	126	28.74	84	86	54	0	0	1	1	
MT BILLINGS	61	41	74	29	51	-3	0.12	-0.21	0.07	0.61	40	12.49	102	83	49	0	1	3	0	
BUTTE	56	33	66	21	44	-3	0.16	-0.03	0.10	0.98	82	12.45	113	90	39	0	3	3	0	
CUT BANK	60	38	72	21	49	0	0.50	0.35	0.43	1.13	90	13.64	120	88	45	0	2	2	0	
GLASGOW	56	39	68	24	47	-5	0.30	0.11	0.15	0.60	55	13.55	137	83	66	0	2	5	0	
GREAT FALLS	60	38	74	25	49	-2	0.20	-0.02	0.11	0.85	63	17.29	135	93	47	0	2	3	0	
HAVRE	60	38	74	23	49	-2	0.29	0.13	0.18	0.96	85	10.26	103	86	56	0	2	3	0	
MISSOULA	63	42	75	28	52	1	0.15	-0.05	0.09	0.28	24	10.33	94	78	51	0	1	2	0	
NE GRAND ISLAND	73	50	83	33	62	3	0.46	0.05	0.39	3.48	131	25.66	114	85	51	0	0	3	0	
LINCOLN	71	51	85	34	61	0	4.73	4.17	3.12	8.32	258	32.02	132	82	58	0	0	3	2	
NORFOLK	70	50	83	31	60	2	0.46	0.03	0.30	2.33	94	27.56	119	85	56	0	1	2	0	
NORTH PLATTE	73	44	85	27	59	2	0.92	0.64	0.36	2.05	139	20.33	117	89	33	0	2	4	0	
OMAHA	70	53	84	37	62	2	2.43	1.79	1.65	6.90	196	35.55	139	80	57	0	0	3	2	
SCOTTSBLUFF	68	42	81	31	55	0	3.59	3.32	2.60	3.93	287	15.97	113	93	50	0	2	4	2	
VALENTINE	69	43	82	24	56	0	0.36	0.02	0.25	1.03	57	20.07	115	88	44	0	2	4	0	
NV ELY	66	31	74	24	48	-4	0.03	-0.19	0.02	0.87	81	8.13	102	86	37	0	4	2	0	
LAS VEGAS	85	63	91	59	74	-2	0.02	-0.04	0.02	0.64	188	1.51	42	34	20	2	0	1	0	
RENO	73	43	84	38	58	0	0.19	0.11	0.19	0.29	58	3.57	66	75	43	0	0	1	0	
WINNEMUCCA	68	36	80	27	52	-3	0.53	0.42	0.18	1.23	208	5.81	95	87	53	0	3	2	0	
NH CONCORD	68	49	87	41	59	5	0.69	-0.03	0.48	1.12	31	34.07	122	98	66	0	0	3	0	
NJ NEWARK	73	59	87	48	66	3	0.83	0.01	0.83	2.35	53	36.97	102	84	63	0	0	1	1	
NM ALBUQUERQUE	77	51	81	45	64	0	0.01	-0.19	0.01	0.74	62	6.80	91	50	19	0	0	1	0	
NY ALBANY	71	53	83	48	62	6	0.45	-0.24	0.43	1.34	36	28.12	96	92	56	0	0	2	0	
BINGHAMTON	69	51	78	36	60	6	0.45	-0.30	0.31	2.22	55	31.25	105	98	72	0	0	2	0	
BUFFALO	73	54	80	39	63	6	1.17	0.43	0.92	4.30	101	34.24	114	90	55	0	0	2	1	
ROCHESTER	74	52	80	38	63	7	0.22	-0.44	0.19	1.49	39	26.51	101	91	56	0	0	2	0	
SYRACUSE	75	51	81	42	63	7	0.60	-0.25	0.56	2.20	48	31.24	103	92	55	0	0	2	1	
NC ASHEVILLE	74	53	80	37	63	2	0.52	-0.18	0.44	6.34	154	37.11	100	94	62	0	0	2	0	
CHARLOTTE	78	57	85	42	67	-1	0.12	-0.74	0.09	4.03	93	37.79	112	92	50	0	0	2	0	
GREENSBORO	76	56	83	41	66	1	0.28	-0.66	0.14	3.08	64	28.95	84	99	55	0	0	2	0	
HATTERAS	75	63	78	59	69	-2	0.23	-0.94	0.10	10.93	172	51.98	119	97	71	0	0	3	0	
RALEIGH	78	57	85	44	68	2	0.10	-0.80	0.09	6.04	127	44.45	129	90	57	0	0	2	0	
WILMINGTON	82	62	84	55	72	1	0.16	-1.04	0.15	6.01	81	48.53	102	96	54	0	0	2	0	
ND BISMARCK	58	41	65	26	49	-4	0.11	-0.22	0.11	0.39	22	13.08	90	85	59	0	2	1	0	
DICKINSON	54	38	57	25	46	-6	0.59	0.24	0.49	1.37	75	21.14	148	89	62	0	2	2	0	
FARGO	62	46	72	33	54	1	0.14	-0.33	0.10	2.45	100	18.91	106	85	49	0	0	3	0	
GRAND FORKS	59	44	68	31	51	-1	0.37	-0.02	0.19	1.40	64	22.27	134	91	55	0	1	4	0	
JAMESTOWN	57	41	66	28	49	-4	0.00	-0.36	0.00	1.59	82	20.27	126	89	60	0	1	0	0	
WILLISTON	52	39	59	22	46	-5	0.99	0.73	0.89	1.03	69	9.46	77	85	68	0	2	4	1	
OH AKRON-CANTON	71	50	80	41	61	3	0.96	0.28	0.56	1.84	48	37.63	124	89	60	0	0	3	1	
CINCINNATI	77	51	86	43	64	1	0.33	-0.25	0.31	3.52	112	33.98	102	87	52	0	0	2	0	
CLEVELAND	69	49	78	41	59	1	0.72	0.00	0.41	4.91	118	36.15	121	95	61	0	0	3	0	
COLUMBUS	73	49	86	38	61	0	0.35	-0.20	0.26	0.98	30	31.49	104	88	53	0	0	3	0	
DAYTON	73	48	86	39	60	0	0.24	-0.29	0.17	1.11	38	29.00	94	87	48	0	0	2	0	
MANSFIELD	71	46	81	39	59	1	0.78	0.20	0.41	1.85	49	31.07	92	98	52	0	0	3	0	

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending October 4, 2014

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE 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
OK TOLEDO	69	47	81	40	58	0	0.91	0.38	0.54	6.19	197	27.38	106	94	62	0	0	4	1
OK YOUNGSTOWN	70	48	77	39	59	2	1.02	0.27	0.67	2.70	63	32.26	108	97	66	0	0	3	1
OK OKLAHOMA CITY	84	55	94	39	70	1	0.25	-0.75	0.25	2.40	53	23.12	80	84	32	1	0	1	0
OR TULSA	82	56	93	39	69	0	1.13	0.03	1.13	3.32	62	21.83	66	87	50	1	0	1	1
OR ASTORIA	70	48	78	45	59	3	0.38	-0.34	0.37	4.96	163	47.27	115	93	71	0	0	2	0
OR BURNS	69	34	81	22	51	0	0.19	0.08	0.18	0.26	46	6.25	83	85	49	0	4	2	0
OR EUGENE	75	45	84	40	60	2	0.06	-0.25	0.03	1.26	73	23.81	77	93	72	0	0	2	0
OR MEDFORD	80	48	91	42	64	2	0.02	-0.15	0.02	2.04	234	13.42	119	88	36	1	0	1	0
OR PENDLETON	74	46	81	40	60	1	0.01	-0.13	0.01	0.22	31	8.54	98	66	40	0	0	1	0
OR PORTLAND	72	50	82	47	61	1	0.20	-0.20	0.10	0.98	52	25.12	109	92	71	0	0	2	0
OR SALEM	75	47	84	43	61	3	0.07	-0.30	0.04	1.20	73	23.65	97	89	63	0	0	2	0
PA ALLENTOWN	75	54	84	44	65	7	0.37	-0.50	0.28	1.90	39	35.88	102	90	51	0	0	2	0
PA ERIE	71	53	78	41	62	3	1.27	0.29	0.63	3.43	65	31.21	98	86	65	0	0	3	2
PA MIDDLETOWN	73	55	82	41	64	3	0.81	0.08	0.37	1.99	51	35.66	114	97	55	0	0	3	0
PA PHILADELPHIA	76	60	86	49	68	4	0.23	-0.55	0.15	1.91	44	37.71	113	87	55	0	0	2	0
PA PITTSBURGH	71	50	80	37	61	2	1.01	0.41	0.49	1.49	42	30.87	103	95	57	0	0	3	0
PA WILKES-BARRE	73	52	83	39	63	6	0.23	-0.59	0.20	0.92	21	22.29	76	90	53	0	0	3	0
PA WILLIAMSPORT	72	53	79	37	63	5	0.49	-0.33	0.22	1.58	36	30.39	94	90	61	0	0	4	0
RI PROVIDENCE	66	54	86	48	60	1	1.00	0.24	0.48	1.64	40	32.83	95	93	78	0	0	5	0
SC BEAUFORT	82	65	86	56	73	0	0.12	-0.71	0.12	4.97	87	41.32	100	95	57	0	0	1	0
SC CHARLESTON	82	64	86	52	73	1	0.93	-0.09	0.53	8.70	133	44.02	102	90	56	0	0	3	1
SC COLUMBIA	82	62	88	48	72	2	1.12	0.41	1.11	3.94	91	32.02	81	84	49	0	0	2	1
SC GREENVILLE	77	58	85	43	67	0	0.60	-0.31	0.46	4.14	92	38.79	99	95	56	0	0	2	0
SD ABERDEEN	64	44	76	28	54	0	0.24	-0.15	0.22	1.02	50	16.66	94	85	55	0	1	2	0
SD HURON	68	45	83	28	57	1	0.36	-0.03	0.36	1.11	55	14.67	80	84	42	0	2	1	0
SD RAPID CITY	61	41	67	29	51	-4	2.83	2.56	1.55	3.36	267	19.95	138	87	55	0	2	5	2
SD SIOUX FALLS	65	47	81	29	56	0	0.44	-0.04	0.22	2.53	89	26.93	127	85	68	0	1	3	0
TN BRISTOL	76	51	82	36	63	1	0.26	-0.38	0.23	1.66	48	26.69	81	95	43	0	0	2	0
TN CHATTANOOGA	80	59	87	45	70	3	0.65	-0.22	0.52	3.00	63	31.64	75	89	52	0	0	3	1
TN KNOXVILLE	78	56	85	41	67	1	0.36	-0.30	0.35	0.55	16	29.80	80	92	45	0	0	2	0
TN MEMPHIS	84	60	90	45	72	2	0.91	0.20	0.87	5.66	153	49.39	123	84	41	2	0	2	1
TN NASHVILLE	82	56	90	39	69	3	0.42	-0.30	0.42	0.63	16	36.03	98	90	41	1	0	1	0
TX ABILENE	88	61	95	49	74	2	0.00	-0.69	0.00	0.78	24	11.28	60	74	38	3	0	0	0
TX AMARILLO	77	50	84	42	64	-1	0.00	-0.35	0.00	4.17	201	17.86	104	78	34	0	0	0	0
TX AUSTIN	88	63	94	53	76	0	0.37	-0.45	0.37	3.83	113	19.38	77	83	49	3	0	1	0
TX BEAUMONT	87	70	92	55	78	3	1.07	-0.21	0.96	7.86	115	43.26	94	94	55	2	0	3	1
TX BROWNSVILLE	89	75	92	69	82	3	0.15	-1.03	0.13	10.37	174	19.89	92	96	72	3	0	2	0
TX CORPUS CHRISTI	87	72	91	66	79	1	0.18	-0.96	0.09	6.11	108	19.95	78	92	67	2	0	3	0
TX DEL RIO	88	67	93	59	78	1	0.00	-0.52	0.00	4.27	181	10.98	74	86	53	2	0	0	0
TX EL PASO	86	60	90	52	73	2	0.00	-0.30	0.00	4.24	238	7.37	97	51	23	1	0	0	0
TX FORT WORTH	89	65	95	50	77	4	0.32	-0.48	0.32	0.38	13	16.29	63	79	37	4	0	1	0
TX GALVESTON	84	75	88	66	79	1	0.48	-0.62	0.39	6.50	102	22.74	67	93	66	0	0	2	0
TX HOUSTON	88	68	93	59	78	2	1.20	0.24	0.75	4.74	97	32.63	91	92	56	2	0	3	1
TX LUBBOCK	80	54	87	45	67	0	0.00	-0.53	0.00	6.95	242	18.85	119	84	47	0	0	0	0
TX MIDLAND	86	60	92	52	73	3	0.00	-0.54	0.00	1.70	65	6.44	53	80	39	2	0	0	0
TX SAN ANGELO	90	58	97	46	74	3	0.00	-0.69	0.00	0.92	28	12.91	77	84	39	3	0	0	0
TX SAN ANTONIO	91	69	95	62	80	4	0.00	-0.78	0.00	1.53	44	17.59	70	82	38	5	0	0	0
TX VICTORIA	90	70	94	58	80	3	1.17	-0.02	0.97	3.69	65	22.56	72	94	59	4	0	2	1
TX WACO	89	63	95	47	76	2	0.26	-0.58	0.26	1.54	46	22.13	89	85	41	5	0	1	0
TX WICHITA FALLS	87	59	98	43	73	2	0.01	-0.76	0.01	1.51	42	17.32	76	78	37	2	0	1	0
UT SALT LAKE CITY	65	47	71	42	56	-3	0.38	0.02	0.17	2.52	165	12.47	100	79	39	0	0	3	0
VT BURLINGTON	71	52	83	48	61	7	1.01	0.24	1.01	2.67	63	28.37	101	93	57	0	0	1	1
VA LYNCHBURG	75	55	79	36	65	3	0.44	-0.45	0.31	1.93	44	35.92	106	99	63	0	0	2	0
VA NORFOLK	75	61	79	56	68	0	0.15	-0.72	0.12	9.31	205	41.73	114	91	63	0	0	3	0
VA RICHMOND	78	58	82	44	68	3	0.26	-0.64	0.14	1.54	34	27.21	79	90	58	0	0	4	0
VA ROANOKE	77	55	83	44	66	3	0.27	-0.54	0.26	1.49	35	30.06	89	90	52	0	0	2	0
WA WASH/DULLES	72	54	80	36	63	1	0.30	-0.51	0.18	1.18	28	37.38	115	95	69	0	0	3	0
WA OLYMPIA	68	44	77	38	56	2	0.08	-0.44	0.08	3.00	129	35.41	115	95	72	0	0	1	0
WA QUILLAYUTE	67	47	75	43	57	3	0.17	-1.17	0.17	4.56	92	60.40	95	98	78	0	0	1	0
WA SEATTLE-TACOMA	67	52	72	48	60	2	0.04	-0.37	0.04	2.24	120	32.11	142	87	72	0	0	1	0
WA SPOKANE	68	45	74	36	56	2	0.01	-0.13	0.01	0.26	31	10.27	92	69	30	0	0	1	0
WA YAKIMA	75	42	81	38	59	4	0.00	-0.06	0.00	0.46	107	4.42	83	79	48	0	0	0	0
WV BECKLEY	72	51	77	37	62	3	0.57	-0.13	0.43	2.73	75	30.12	90	88	51	0	0	3	0
WV CHARLESTON	74	54	84	43	64	3	0.31	-0.35	0.24	4.80	126	36.94	106	95	52	0	0	2	0
WV ELKINS	74	47	77	42	60	3	0.09	-0.66	0.04	1.29	30	29.52	80	99	47	0	0	4	0
WV HUNTINGTON	75	52	83	40	64	2	0.55	-0.03	0.55	3.81	122	38.23	115	97	53	0	0	1	1
WI EAU CLAIRE	61	43	80	33	52	-2	1.00	0.38	0.53	6.46	158	39.13	143	94	60	0	0	4	1
WI GREEN BAY	62	46	80	38	54	0	0.99	0.45	0.34	5.56	163	26.28	111	97	69	0	0	5	0
WI LA CROSSE	65	48	85	38	57	-1	1.46	0.87	1.36	4.09	110	33.58	124	89	59	0	0	3	1
WI MADISON	67	47	82	36	57	1	0.85	0.33	0.64	2.65	79	30.45	112	89	63	0	0	4	1
WI MILWAUKEE	66	49	82	39	58	0	0.85	0.25	0.71	1.93	53	27.21	98	81	65	0	0	4	1
WY CASPER	61	37	68	27	49	-3	1.01	0.73	0.36	1.22	107	9.59	90	84	55	0	2	5	0
WY CHEYENNE	63	38	67	29	51	-1	1.57	1.32	0.78	1.95	125	15.61	114	79	43	0	2	5	2
WY LANDER	61	37	73	30	49	-5	1.61	1.30	1.40	1.99	151	8.99	85	90	42	0	3	4	1
WY SHERIDAN	61	36	73	20	49	-3	0.13	-0.23	0.08	1.67	106	12.73	106	85	55	0	3	4	0

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

September 29 – October 5, 2014

*Weekly National Agricultural Summary provided by USDA/NASS*

### HIGHLIGHTS

**Precipitation was generally around normal levels for the week, with scattered rainfall causing some delays in fall fieldwork. The major exception occurred in Illinois and Missouri, where some areas recorded more than 4 inches of rainfall during the week. Average temperatures were generally above normal**

**for the week outside of the Rocky Mountains. Most areas of the Rocky Mountains and the northern Great Plains recorded minimum temperatures below freezing during the week; however, most areas of the Corn Belt have avoided a killing frost into early October.**

**Corn:** By week's end, 77 percent of the corn was at or beyond the mature stage, 4 percentage points ahead of the 5-year average. Above-average rainfall slowed fieldwork in the Corn Belt. In Iowa, harvest was 5 percent complete, 3 weeks behind the 5-year average. Nationwide, producers had harvested 17 percent of the corn by October 5, fifteen percentage points behind the 5-year average. Overall, 74 percent of the corn crop was reported in good to excellent condition, unchanged from last week. This represents the highest national corn condition rating in October since 2004.

**Soybeans:** Eighty-three percent of this year's soybean crop was at or beyond the leaf dropping stage by October 5, slightly behind the 5-year average. The soybean harvest was 20 percentage points or more behind the 5-year average harvest pace in Iowa, Minnesota, Nebraska, South Dakota, and Wisconsin. Nationally, 20 percent of the soybean crop was harvested by week's end, 15 percentage points behind the 5-year average. Overall, 73 percent of the soybean crop was reported in good to excellent condition, up slightly from the previous week. This represents the highest national soybean rating in October since 1994.

**Winter Wheat:** By week's end, producers had sown 56 percent of the nation's 2015 winter wheat crop. This was 3 percentage points ahead of the 5-year average. Planting progress remained ahead of normal in most of the Hard Red Winter growing region, with Oklahoma and Colorado running 20 and 9 percentage points, respectively, ahead of the 5-year averages. Nationwide, 28 percent of the winter wheat crop was emerged by October 5, four percentage points ahead of the 5-year average.

**Rice:** By October 5, rice producers had harvested 70 percent of this year's crop, slightly behind the 5-year average. In Arkansas, rain coupled with lodging in a portion of the remaining crop slowed harvest.

**Cotton:** Bolls were open on 73 percent of this year's cotton acreage by week's end, 6 percentage points behind the 5-year average. Harvest progress was ahead of the

5-year state averages in Georgia and Texas, while progress lagged in Arkansas and Mississippi. Nationally, harvest was 15 percent complete by October 5, three percentage points behind the 5-year average. Overall, 47 percent of the cotton was reported in good to excellent condition, down 2 percentage points from last week.

**Sorghum:** By week's end, sorghum coloring had advanced to 95 percent complete. This was 2 percentage points ahead of the 5-year average. Nationwide, 67 percent of the sorghum was at or beyond the mature stage by October 5, three percentage points ahead of the 5-year average. By week's end, 37 percent of the nation's crop was harvested, slightly behind the 5-year average. Overall, 57 percent of the sorghum was reported in good to excellent condition, unchanged from last week.

**Other Small Grains:** Spring wheat producers had harvested 96 percent of this year's crop by week's end, 3 percentage points behind the 5-year average. The only estimating states with significant acreage left to be harvested were Montana and North Dakota, with progress reported to be 95 percent complete by October 5.

**Other Crops:** By October 5, twenty-one percent of the nation's peanut crop was harvested, 4 percentage points behind the 5-year average. Rain slowed harvest progress in Florida, currently just 31 percent complete and more than a week behind the 5-year average. Overall, 56 percent of the peanut crop was reported in good to excellent condition, unchanged from last week.

Sugarbeet producers had harvested 41 percent of this year's crop by week's end, 15 percentage points ahead of the 5-year average. Dry conditions in the Red River Valley promoted rapid harvest progress in Minnesota and North Dakota, with harvest advancing 40 and 43 percentage points, respectively, during the week.

With harvest progress limited to Kansas and South Dakota, 1 percent of this year's sunflower crop was harvested by week's end. This was 8 percentage points behind the 5-year average.

**Crop Progress and Condition**

**Week Ending October 5, 2014**

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

Corn Percent Mature				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
CO	NA	39	65	76
IL	NA	80	90	82
IN	NA	66	83	78
IA	NA	58	79	87
KS	NA	74	88	93
KY	NA	86	92	94
MI	NA	36	51	68
MN	NA	45	63	76
MO	NA	87	94	92
NE	NA	63	77	81
NC	NA	97	100	100
ND	NA	30	57	69
OH	NA	48	66	63
PA	NA	54	79	72
SD	NA	48	72	82
TN	NA	93	97	97
TX	NA	76	79	93
WI	NA	36	52	66
18 Sts	NA	60	77	81
These 18 States planted 91% of last year's corn acreage.				

Corn Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
CO	NA	6	11	21
IL	NA	14	23	45
IN	NA	11	18	31
IA	NA	2	5	26
KS	NA	35	46	56
KY	NA	47	58	65
MI	NA	1	3	15
MN	NA	2	5	20
MO	NA	33	44	58
NE	NA	7	11	24
NC	NA	71	79	87
ND	NA	0	1	14
OH	NA	7	12	16
PA	NA	9	15	24
SD	NA	2	5	23
TN	NA	56	71	74
TX	NA	68	69	74
WI	NA	1	3	15
18 Sts	NA	12	17	32
These 18 States planted 91% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	2	6	25	50	17
IL	1	3	13	49	34
IN	1	4	17	52	26
IA	2	4	18	52	24
KS	6	10	28	41	15
KY	4	11	19	47	19
MI	2	7	19	54	18
MN	2	4	25	55	14
MO	0	2	11	42	45
NE	2	6	18	52	22
NC	3	12	26	44	15
ND	2	6	20	53	19
OH	1	4	20	53	22
PA	0	2	15	55	28
SD	2	5	18	59	16
TN	0	2	12	43	43
TX	1	5	27	49	18
WI	1	6	20	49	24
18 Sts	2	5	19	50	24
Prev Wk	2	5	19	51	23
Prev Yr	NA	NA	NA	NA	NA

Soybeans Percent Dropping Leaves				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AR	NA	67	76	67
IL	NA	68	83	82
IN	NA	76	88	87
IA	NA	65	85	86
KS	NA	55	68	75
KY	NA	44	56	77
LA	NA	90	94	92
MI	NA	70	86	86
MN	NA	73	90	94
MS	NA	79	87	85
MO	NA	48	69	65
NE	NA	76	91	91
NC	NA	34	46	42
ND	NA	88	95	97
OH	NA	75	88	87
SD	NA	85	95	97
TN	NA	58	71	74
WI	NA	58	78	82
18 Sts	NA	69	83	84
These 18 States planted 95% of last year's soybean acreage.				

Soybeans Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AR	NA	32	43	35
IL	NA	7	18	32
IN	NA	9	18	30
IA	NA	3	9	42
KS	NA	2	8	23
KY	NA	9	16	22
LA	NA	72	81	75
MI	NA	2	8	24
MN	NA	10	23	48
MS	NA	56	65	61
MO	NA	4	9	16
NE	NA	6	16	41
NC	NA	3	6	3
ND	NA	9	31	45
OH	NA	9	21	23
SD	NA	7	25	45
TN	NA	11	17	23
WI	NA	2	7	27
18 Sts	NA	10	20	35
These 18 States planted 95% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	2	10	26	41	21
IL	1	3	17	51	28
IN	1	4	22	52	21
IA	2	5	19	52	22
KS	3	10	35	42	10
KY	2	8	25	48	17
LA	2	2	14	57	25
MI	4	10	24	50	12
MN	2	6	26	54	12
MS	0	4	16	51	29
MO	1	5	21	52	21
NE	1	5	20	54	20
NC	1	4	22	60	13
ND	1	4	20	60	15
OH	1	5	22	55	17
SD	1	4	19	60	16
TN	1	2	14	55	28
WI	1	4	23	48	24
18 Sts	1	5	21	53	20
Prev Wk	1	5	22	53	19
Prev Yr	NA	NA	NA	NA	NA

## Crop Progress and Condition

### Week Ending October 5, 2014

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

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AL	NA	75	83	77
AZ	NA	80	90	96
AR	NA	86	89	92
CA	NA	80	90	79
GA	NA	85	92	84
KS	NA	42	55	65
LA	NA	94	96	98
MS	NA	83	88	92
MO	NA	68	77	78
NC	NA	75	86	89
OK	NA	86	93	78
SC	NA	79	83	80
TN	NA	75	85	81
TX	NA	50	60	73
VA	NA	79	88	87
15 Sts	NA	64	73	79
These 15 States planted 98% of last year's cotton acreage.				

Cotton Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AL	NA	13	23	12
AZ	NA	10	15	20
AR	NA	2	8	27
CA	NA	0	5	4
GA	NA	7	14	11
KS	NA	0	0	1
LA	NA	28	52	58
MS	NA	9	21	33
MO	NA	2	4	23
NC	NA	2	6	9
OK	NA	0	0	5
SC	NA	7	13	12
TN	NA	2	6	22
TX	NA	17	19	17
VA	NA	0	0	9
15 Sts	NA	10	15	18
These 15 States planted 98% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	1	15	32	47	5
AZ	0	3	11	47	39
AR	0	5	20	50	25
CA	0	0	15	25	60
GA	3	14	30	44	9
KS	1	5	33	56	5
LA	0	1	11	67	21
MS	0	2	26	55	17
MO	0	3	37	57	3
NC	0	5	28	53	14
OK	2	17	55	25	1
SC	0	3	27	64	6
TN	1	4	24	56	15
TX	11	19	38	25	7
VA	0	0	1	79	20
15 Sts	6	14	33	37	10
Prev Wk	5	13	33	38	11
Prev Yr	NA	NA	NA	NA	NA

Winter Wheat Percent Planted				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AR	NA	2	9	9
CA	NA	5	6	8
CO	NA	71	90	81
ID	NA	49	62	63
IL	NA	2	9	21
IN	NA	7	18	19
KS	NA	31	51	54
MI	NA	20	30	36
MO	NA	3	9	14
MT	NA	72	79	72
NE	NA	78	89	81
NC	NA	0	1	4
OH	NA	15	33	21
OK	NA	57	70	50
OR	NA	22	36	41
SD	NA	63	79	74
TX	NA	41	54	49
WA	NA	66	73	79
18 Sts	NA	43	56	53
These 18 States planted 87% of last year's winter wheat acreage.				

Winter Wheat Percent Emerged				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AR	NA	0	1	3
CA	NA	0	0	1
CO	NA	34	55	44
ID	NA	5	22	20
IL	NA	0	0	4
IN	NA	1	6	4
KS	NA	13	26	22
MI	NA	1	11	10
MO	NA	0	1	4
MT	NA	6	26	26
NE	NA	43	64	46
NC	NA	0	0	0
OH	NA	2	9	5
OK	NA	10	27	23
OR	NA	6	13	16
SD	NA	14	35	33
TX	NA	13	31	21
WA	NA	35	59	59
18 Sts	NA	14	28	24
These 18 States planted 87% of last year's winter wheat acreage.				

Rice Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AR	NA	62	76	75
CA	NA	13	28	33
LA	NA	97	99	98
MS	NA	73	82	75
MO	NA	47	61	68
TX	NA	98	100	100
6 Sts	NA	59	70	71
These 6 States planted 100% of last year's rice acreage.				

Spring Wheat Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
ID	NA	100	100	100
MN	NA	99	99	100
MT	NA	92	95	94
ND	NA	91	95	98
SD	NA	99	100	100
WA	NA	100	100	100
6 Sts	NA	94	96	99
These 6 States planted 99% of last year's spring wheat acreage.				

**Crop Progress and Condition**

**Week Ending October 5, 2014**

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

Sorghum Percent Coloring				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AR	NA	100	100	100
CO	NA	86	93	97
IL	NA	92	94	96
KS	NA	91	95	93
LA	NA	100	100	100
MO	NA	100	100	95
NE	NA	97	98	98
NM	NA	70	78	75
OK	NA	93	95	90
SD	NA	92	95	100
TX	NA	95	96	93
11 Sts	NA	93	95	93
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Percent Mature				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AR	NA	99	100	100
CO	NA	44	53	56
IL	NA	62	75	79
KS	NA	35	49	51
LA	NA	100	100	100
MO	NA	84	88	68
NE	NA	60	69	66
NM	NA	10	20	17
OK	NA	69	75	58
SD	NA	27	49	79
TX	NA	89	90	77
11 Sts	NA	59	67	64
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AR	NA	84	90	88
CO	NA	5	10	10
IL	NA	10	19	32
KS	NA	5	9	14
LA	NA	98	99	100
MO	NA	23	37	29
NE	NA	2	5	11
NM	NA	0	0	1
OK	NA	33	49	31
SD	NA	3	9	27
TX	NA	68	73	67
11 Sts	NA	32	37	38
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
AR	1	4	20	48	27
CO	0	17	53	29	1
IL	2	2	16	61	19
KS	4	11	32	44	9
LA	0	2	22	53	23
MO	1	2	21	60	16
NE	1	5	32	40	22
NM	0	3	28	60	9
OK	3	7	24	55	11
SD	0	2	13	78	7
TX	2	9	31	46	12
11 Sts	3	9	31	46	11
Prev Wk	3	9	31	46	11
Prev Yr	NA	NA	NA	NA	NA

Peanuts Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
AL	NA	11	22	17
FL	NA	19	31	45
GA	NA	11	20	23
NC	NA	9	21	17
OK	NA	0	1	10
SC	NA	30	34	36
TX	NA	2	5	22
VA	NA	2	12	10
8 Sts	NA	12	21	25
These 8 States planted 96% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	6	21	37	29	7
FL	3	7	27	57	6
GA	6	16	30	39	9
NC	0	1	14	69	16
OK	0	1	39	54	6
SC	0	0	17	72	11
TX	9	12	22	48	9
VA	0	0	2	88	10
8 Sts	5	12	27	47	9
Prev Wk	4	12	28	47	9
Prev Yr	NA	NA	NA	NA	NA

Sugarbeets Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
ID	NA	23	25	17
MI	NA	14	18	17
MN	NA	10	50	28
ND	NA	9	52	30
4 Sts	NA	13	41	26
These 4 States planted 85% of last year's sugarbeet acreage.				

Sunflowers Percent Harvested				
	Prev Year	Prev Week	Oct 5 2014	5-Yr Avg
CO	NA	NA	0	20
KS	NA	NA	2	11
ND	NA	NA	0	8
SD	NA	1	3	8
4 Sts	NA	NA	1	9
These 4 States planted 83% of last year's sunflower acreage.				

## Crop Progress and Condition

### Week Ending October 5, 2014

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

Pasture and Range Condition by Percent Week Ending Oct 5, 2014												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	6	19	43	28	4		NH	6	11	41	28	14
AZ	12	15	30	38	5		NJ	6	13	53	26	2
AR	1	9	32	50	8		NM	14	18	39	24	5
CA	30	40	15	5	10		NY	11	10	30	40	9
CO	6	21	27	37	9		NC	1	10	32	48	9
CT	0	40	41	19	0		ND	1	4	16	60	19
DE	4	14	41	36	5		OH	5	12	28	49	6
FL	1	2	24	65	8		OK	6	16	36	37	5
GA	2	13	45	35	5		OR	14	34	35	17	0
ID	2	10	36	41	11		PA	7	10	44	32	7
IL	1	5	25	53	16		RI	0	23	42	35	0
IN	3	8	32	45	12		SC	6	13	37	42	2
IA	1	5	27	52	15		SD	1	6	24	57	12
KS	7	16	42	33	2		TN	4	15	34	42	5
KY	5	14	33	43	5		TX	10	18	40	27	5
LA	0	12	26	51	11		UT	1	7	40	48	4
ME	0	2	40	55	3		VT	0	25	30	30	15
MD	2	9	22	44	23		VA	8	20	30	37	5
MA	0	25	30	45	0		WA	13	21	40	22	4
MI	4	8	33	43	12		WV	2	16	39	41	2
MN	2	6	23	58	11		WI	1	5	31	51	12
MS	3	9	31	49	8		WY	0	3	15	61	21
MO	1	14	35	42	8		48 Sts	5	13	32	42	8
MT	3	12	32	41	12							
NE	5	7	32	47	9		Prev Wk	6	13	32	41	8
NV	15	25	30	30	0		Prev Yr	NA	NA	NA	NA	NA

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

NA - Not Available  
\* Revised

## State Agricultural Summaries

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

**ALABAMA:** Days suitable for fieldwork was 6.1. Topsoil moisture 21% very short, 38% short, 39% adequate, and 2% surplus. Subsoil moisture 20% very short, 40% short, 39% adequate, and 1% surplus. Corn harvested 90%, 79% last week, NA% 2013, and 81% avg. Soybeans dropping leaves 80%, 71% last week, NA% 2013, and 65% avg. Soybeans harvested 26%, 18% last week, NA% 2013, and 14% avg. Soybeans condition 2% poor, 25% fair, 61% good, and 12% excellent. Livestock condition 1% very poor, 9% poor, 24% fair, 58% good, and 8% excellent. Pasture and range condition 6% very poor, 19% poor, 43% fair, 28% good, and 4% excellent. The week's average mean temperatures ranged from 67.2 F in Anniston to 71.1 F in Montgomery; total precipitation ranged from 0.43 inches in Huntsville to 1.30 inches in Mobile. A few lightly scattered showers sprang up on Monday, mostly in southeast Alabama. The remainder of state was dry until a front moved through the state on Friday bringing showers and cooler temperatures over the weekend. The area of the state rated abnormally dry by the U.S. Drought Monitor moved up to almost 83%. Over one-quarter of the state was in moderate drought. Row crop harvesting pushed ahead last week with the dry weather. Moisture is needed to facilitate peanut digging. The little rain received over the weekend was welcomed, but more is needed to spur planting of small grains and winter grazing. Also, pastures were being affected adversely by the very dry conditions. Some supplemental feeding of livestock was taking place.

**ALASKA: DATA NOT AVAILABLE**

**ARIZONA:** Days suitable for field work 7.0 days. Topsoil moisture 1% very short, 35% short, 64% adequate and 0% surplus. Subsoil moisture 8% very short, 33% short, 59% adequate and 0% surplus. Arizona's alfalfa condition was rated in fair to excellent condition, depending on location. Harvesting occurred on over three-quarters of the alfalfa acreage across the State. Cantaloupe and honeydew movement in Central Arizona reported. No movement of vegetables or specialty crops in Western Arizona last week. More rain fell at the end of last week throughout the State, with enough moisture and forage leftover to winter. This has been a record summer for rain. Range and pasture conditions ranged from very poor to excellent, depending on location. Conditions were as follows 12% very poor, 15% poor, 30% fair, 38% good and 5% excellent.

**ARKANSAS:** Days suitable for fieldwork 5.2. Topsoil moisture 2% very short, 28% short, 66% adequate, 4% surplus. Subsoil moisture 3% very short, 35% short, 59% adequate, 3% surplus. Corn reached 96% harvested, 90% last week, 94% 5-year average. Pasture condition 1% very poor, 9% poor, 32% fair, 50% good, 8% excellent. Livestock condition 1% very poor, 2% poor, 22% fair, 63% good, and 12% excellent. Most of the state received significant rainfall from thunderstorms last week. Producers continued to harvest crops as weather permitted.

**CALIFORNIA:** Days suitable for field work was 7 days. Topsoil moisture 55% very short, 25% short, 20% adequate,

and 0% surplus. Subsoil moisture 40% very short, 45% short, 15% adequate and 0% surplus. Dry weather has continued throughout the State. The week began with cool temperatures for the northern half of the State and sub-freezing morning lows in the Sierra Nevadas. There were meager snowcaps from precipitation. As the week continued, dry weather combined with warming temperatures reduced the snowcover from all but the highest peaks. Warm weather combined with lack of precipitation exacerbated drought conditions across the State. Much of the southern parts of the State saw highs hit or exceed the 100 degree mark. Although the hottest weather was during the latter half of the work week, locations as far north as Redding saw highs in the upper 90s. Northern portions of the State, as well as the Sierra Nevadas, continue to drop below freezing at night. High pressure anchored over Nevada has prevented any temperature moderating fog/marine stratus events. This has limited moisture availability across the State. Alfalfa was irrigated. Dry beans and corn were harvested. Fields were prepared for wheat or forage mix planting. Cotton conditions were 85 percent good or excellent. Harvest was just getting underway. Pasture and rangeland was 70 percent poor to very poor. Rice harvest was 28 percent complete. The pomegranate, apple and olive harvests remained active. Table grape harvest continued. Raisin grape harvest neared completion; some dried fruit was still on the ground waiting to be picked up. Late variety wine grapes were harvested in some areas. Harvest of late variety peaches and nectarines was nearly complete. The quince crop was nearing full maturity; limbs were propped to prevent breakage. Olive harvest was ongoing for both oil and table varieties. Valencia orange harvest continued. Most citrus packinghouses began to clean up and regroup for the upcoming navel orange season. In San Joaquin County, weed spraying was picking up in the cherry orchards. Almond harvest neared completion. Pistachios were irrigated. Walnut harvest continued. The processing tomato harvest finished up in most areas of the State with the last remaining fields harvested and disked. Summer vegetable harvest neared completion. Pumpkins were harvested and watermelons were finishing. Onion, pepper, and tomato seeds were exported. Winter crops of carrots and broccoli were cultivated with application of irrigation and fungicide. Rangeland and non-irrigated pasture continued in mostly poor to very poor condition. Cattle and sheep were moved down from some higher elevation range. Supplemental feeding of hay and nutrients for cattle continued. In San Joaquin County, some sheep were placed on crop stubble to graze.

**COLORADO:** Days suitable for field work 4.9. Topsoil moisture 9% very short, 32% short, 55% adequate, 4% surplus. Subsoil moisture 17% very short, 31% short, 51% adequate, 1% surplus. Spring wheat harvested 92%, NA 2013, 95% avg. Dry beans cut 86%, NA 2013, 89% avg.; harvested 52%, NA 2013, 68% avg.; condition 7% poor, 47% fair, 38% good, 8% excellent. Onions harvested 62%, NA 2013, 81% avg. Potatoes fall inside SLV harvested 63%, NA 2013, 68% avg.; condition 6% very poor, 12% poor, 26% fair, 47% good, 9% excellent. Potatoes fall outside SLV harvested 97%, NA 2013, 94% avg. Sugarbeets harvested 36%, NA 2013, 24% avg.; condition 1%

very poor, 3% poor, 19% fair, 56% good, 21% excellent. Sunflowers condition 1% very poor, 13% poor, 37% fair, 41% good, 8% excellent. Alfalfa 3rd cutting 94%, NA 2013, 91% avg.; 4th cutting 34%, NA 2013, 44% avg.; condition 3% very poor, 11% poor, 25% fair, 44% good, 17% excellent. Livestock condition 1% poor, 19% fair, 68% good, 12% excellent. Field activities continued on pace despite numerous weather events across the State. Precipitation was received in the eastern district temporarily suspending harvest and winter wheat seeding. However, no immediate concerns of crop quality were noted. Warm temperatures last week were beneficial for winter wheat emergence.

**DELAWARE:** Days suitable for fieldwork, 5.0. Topsoil moisture; 8% very short, 20% short, 72% adequate and 0% surplus. Subsoil moisture; 6% very short, 37% short, 57% adequate and 0% surplus. Corn condition; 2% very poor, 4% poor, 20% fair, 56% good, 18% excellent. Pasture and Range Condition; 4% very poor, 14% poor, 41% fair, 36% good, and 5% excellent. Soybean condition; 3% very poor, 13% poor, 25% fair, 41% good, 18% excellent. Alfalfa 4th cutting; 62% this year, 78% five year average. Alfalfa 5th cutting; 5% this year, n/a five year average. Apples harvested; 82% this year, 82% five year average. Corn Dented; 94% this year, 100% five year average. Corn Mature; 84% this year, 97% five year average. Corn Harvested for Grain; 46% this year, 68% five year average. Corn for Silage; 71% this year, 97% five year average. Barley Planted; 17% this year, 30% five year average. Lima Beans harvested; 87% this year, 93% five year average. Other Hay 4th Cutting; 29% this year, 44% five year average. Potatoes harvested; 95% this year, n/a five year average. Soybeans Coloring; 76% this year, 81% five year average. Soybeans Dropping Leaves; 60% this year, 48% five year average. Soybeans Mature; 28% this year, n/a five year average. Hay and Roughage Supplies; 0% very short, 0% short, 58% adequate and 42% surplus. Tomatoes harvested; 92% this year, 100% five year average.

**FLORIDA:** Days suitable for field work; 5.8. Topsoil moisture, 4% short, 68% adequate, 28% surplus. Subsoil moisture 1% very short, 4% short, 66% adequate, 29% surplus. Peanut condition; 3% very poor, 7% poor, 27% fair, 57% good, 6% excellent. Peanut harvest continued in the Panhandle, north Florida, weather permitting. Peanut condition mostly good. Peanuts harvested at 31 percent. Hay cut in Panhandle, north, central Florida, some delays due to rain. Cotton harvesting began. Rye grass, oats, winter grazing planted in Panhandle. Vegetables; tomato harvesting in Gadsden County. Leafy greens, cabbage planted in Flagler and Putnam counties. Growers in southwest Florida battling disease due to wet conditions. Miami-Dade County; harvested okra, boniato, avocado malanga, planting green beans, squash, peppers, tomato, herbs, eggplant, sweet corn, bitter melon, boniato, malanga. Pasture condition; 1% very poor, 2% poor, 24% fair, 65% good, 8% excellent. Cattle condition; 1% poor, 12% fair, 79% good, 8% excellent. Some pasture had standing water. Water levels declining in Charlotte, Collier, Glades, Hendry, Lee counties. Low lying areas still flooded. Rainfall in citrus producing area widespread. All stations received some precipitation, Wellington (Palm Beach County) received the most, 3.67 inches. Daytime highs, upper 80s to low 90s. Per U.S. Drought Monitor, all citrus producing regions drought free. Next season's citrus crop progressing well. Growers, caretakers doing irrigation repair, pushing trees, spraying.

**GEORGIA:** Days suitable for fieldwork 5.5. Topsoil moisture 3% very short, 25% short, 65% adequate, 7% surplus. Subsoil

moisture 5% very short, 29% short, 63% adequate, 3% surplus. Range and pasture condition 2% very poor, 13% poor, 45% fair, 35% good, 5% excellent. Hay 3rd Cutting 92%, NA 2013. Oats planted 19%, NA 2013. Pecans harvested 3%, NA 2013. Rye planted 19%, NA 2013. Sorghum harvested 59%, NA 2013. Soybean condition 3% very poor, 9% poor, 32% fair, 50% good, 6% excellent. Soybean harvested 10%, NA 2013. Tobacco harvested 94%, NA 2013. Winter wheat planted 6%, NA 2013. Precipitation estimates for the state ranged from 0.2 inches up to 3.8 inches. Average high temperatures ranged from the high 70s to the low 80s. Average low temperatures ranged from the low 50s to the mid 60s.

**HAWAII:** Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 100% short, 0% adequate, 0% surplus. On September 30, the U.S. Drought Monitor reported that 100.00 percent of the State was abnormally dry or drier. The rainfall averaged 1.91 inches across the state. On the Big Island, Pastures were green along the Hamakua coast. Pastures in South Kohala and interior sections of the island were in good to fair condition. A light south wind blew at the end of the week increasing fog and smoke from the ongoing lava flow, which affected air quality in the Puna and Hilo areas. On Maui, the rainfall received over the past several weeks had not been sufficient to maintain any significant pasture re-growth for most areas. Some pastures in the upper elevation areas of Kula, Haiku and Makawao had received some re-growth. There were marginally fair pasture conditions in Kalae on Molokai. Steady planting and harvesting of most crops continued last week. Insect damage remained under control with a timely spraying program. Active harvesting of sugarcane in the central area continued last week.

**IDAHO:** Days suitable for field work 5.8 days. Topsoil moisture 1% very short, 24% short, 73% adequate, surplus 2%. Subsoil moisture 6% very short, 30% short, 64% adequate. Winter wheat planted 62%, 63% avg. Winter wheat emerged 22%, 20% avg. Corn for grain harvested 38%, 3% avg. Corn for silage harvested 82%, 62% avg. Corn condition 2% poor, 20% fair, 77% good, 1% excellent. Dry beans harvested 84%, 86% avg. Hay alfalfa third cutting 91%, 95% avg. Hay alfalfa fourth cutting 66%, 58% avg. Onions 71%, 89% avg. Potatoes harvested 59%, 54% avg. Potatoes condition 2% very poor, 4% poor, 29% fair, 51% good, 14% excellent. Sugarbeets harvested 25%, 17% avg. Pasture and range conditions 2% very poor, 10% poor, 36% fair, 41% good, 11% excellent. Some precipitation was received throughout the state which benefited soil conditions. Major agricultural activities for the week included caring for livestock, planting of winter wheat, harvesting of potatoes, sugarbeets, corn and legumes. Respondents reported that rain throughout the week halted field work but improved ground conditions for field preparation. Potato harvest continued with good to excellent conditions. Planting of winter wheat continued while on schedule. There were reports of damage to third cutting of alfalfa in Caribou County. Cattle and range conditions were very good.

**ILLINOIS:** Days suitable for fieldwork 4.3. Topsoil moisture 1% very short, 6% short, 74% adequate, 19% surplus. Subsoil moisture 1% very short, 12% short, 80% adequate, 7% surplus. Statewide precipitation averaged 2.22 inches, 1.46 inches above normal. Statewide temperature averaged 59.0 degrees, 1.1 degrees below average. Fall harvest is well underway, but was delayed by heavy rainfall late last week.

**INDIANA:** Days suitable for fieldwork 4.7. Topsoil moisture 0% very short, 9% short, 69% adequate, 22% surplus. Subsoil moisture 1% very short, 9% short, 78% adequate, 12% surplus. Alfalfa hay fourth cutting 81%. Tobacco cut 81%. Corn moisture content of grain harvested 22%, 2013 NA, 5ya 17%. Soybean moisture content of beans harvested 14%, 2013 NA, 5ya 11%. By region, corn mature was 84% in the North, 80% in Central, and 85% in South. By region, corn harvested for grain was 12% in North, 14% in Central, and 37% in the South. By region, soybeans dropping leaves was 91% in North, 90% in Central and 78% in South. By region, soybeans harvested was 13% in North, 23% in Central, and 17% in the South. Average temperatures for the week ending September October 5 ranged from 55 to 67 degrees, and from 4 degrees below to 6 degrees above normal. The lowest recorded temperature for the week was 32 degrees; the highest, 89 degrees. The statewide average temperature for the week was 58.9 degrees, 0.5 degrees below normal. Recorded precipitation ranged from 0.14 to 4.04 inches, with a statewide average of 1.26 inches. Cool, dry weather in the first part of the week encouraged harvest in most of the state, but rains starting Thursday and lasting into the weekend brought most combines to a halt. Wheat was being planted in harvested soybean fields. Some soybeans in southern districts were still showing green stems, although pods had dried down nicely. The burst of precipitation helped out pastureland, which in some areas had been getting thin. Other activities for the week included hauling grain, drying grain, and mowing of roadsides.

**IOWA:** Days suitable for fieldwork 3.3. Topsoil moisture 0% very short, 4% short, 80% adequate, and 16% surplus. Subsoil moisture 1% very short, 7% short, 80% adequate, and 12% surplus. Soybean leaves turning color 98%, NA 2013, 97% average. Alfalfa 3rd cutting 95%, NA 2013, 99% average. Wet conditions have delayed widespread harvest across Iowa. Activities for the week included harvesting hay and the start of fall tillage. Farmers were hoping for drier field and crop conditions to enable substantial harvest to begin. Southwest Iowa was the wettest with almost half of its topsoil in surplus condition. Livestock conditions have been normal. There were some reports of weaned calves being moved off pastures.

**KANSAS:** Days suitable for fieldwork 5.3. Topsoil moisture supplies rated 8% very short, 26% short, 63% adequate, and 3% surplus. Subsoil moisture supplies rated 15% very short, 30% short, 54% adequate, and 1% surplus. Cotton Boll opening 55%, 65% avg; conditions, 1% very poor, 5% poor, 33% fair, 56% good, 5% excellent; Sunflowers ray flowers dried 87%, 91% avg; turning yellow 70%, 79% avg; turning brown 38%, 53% avg; harvested 2%, 11% avg; conditions 3% very poor, 7% poor, 32% fair, 52% good 6% excellent. Alfalfa fourth cutting 79%, 72% avg; Stock water supplies were rated 8% very short, 18% short, 73% adequate, and 1% surplus. Rain showers with totals up to two inches were received in the north central and eastern portions of the State. Reports of hail damage to row crops were received. Temperatures were near normal. Activities included harvesting row crops, seeding wheat and selling livestock.

**KENTUCKY:** Days suitable fieldwork 6.1. Topsoil 10% very short, 37% short, 49% adequate, 4% surplus. Subsoil moisture 7% very short, 36% short, 54% adequate, 3% surplus. Precipitation averaged 0.46 inches, 0.34 inches below normal. Temperatures averaged 64 degrees, 2 degrees above normal. Soybeans turning color 82%; mature 38%, 53% average. Winter wheat planted 8%, 9% average. Tobacco cut 89%, 90%

average; not ready for stripping 83%; ready for stripping 13%; stripped 4%. Tobacco housed condition 1% very poor, 4% poor, 20% fair, 62% good, 13% excellent. Tobacco houseburn 1% heavy, 5% moderate, 16% light, 78% none. Livestock condition 0% very poor, 2% poor, 14% fair, 69% good, 15% excellent. Primary activities this week included harvesting corn and early planted soybeans. Farmers are also beginning to plant winter wheat. Late planted soybeans continue to show signs of drought stress. Pasture conditions slightly decreased due to below normal rainfall.

**LOUISIANA:** Days suitable for fieldwork, 5.6. Topsoil moisture 1% very short, 18% short, 69% adequate, 12% surplus. Subsoil moisture 3% very short, 17% short, 68% adequate, 12% surplus. Corn harvested 100% this week, 98% last week, 100% average. Sweet Potatoes harvested 41% this week, 35% last week, 39% average. Hay second cutting 100% this week, 99% last week. Sugarcane planted 95% this week, 90% last week, 97% average. Sugarcane harvested 2% this week, 0% last week, 5% average. Sugarcane condition 2% very poor, 9% poor, 33% fair, 43% good, 13% excellent. Vegetables condition 2% very poor, 16% poor, 40% fair, 39% good, 3% excellent. Pasture condition 0% very poor, 12% poor, 26% fair, 51% good, 11% excellent. Livestock condition 0% very poor, 6% poor, 31% fair, 53% good, 10% excellent.

**MARYLAND:** Days suitable for fieldwork, 6.0. Topsoil moisture; 1% very short, 11% short, 88% adequate and 0% surplus. Subsoil moisture; 1% very short, 10% short, 89% adequate and 0% surplus. Corn condition; 1% very poor, 2% poor, 9% fair, 56% good, 32% excellent. Pasture and Range Condition; 2% very poor, 9% poor, 22% fair, 44% good, and 23% excellent. Soybean condition; 2% very poor, 4% poor, 18% fair, 51% good, 25% excellent. Alfalfa 4th cutting; 84% this year, 78% five year average. Alfalfa 5th cutting; 26% this year, n/a five year average. Apples Harvested; 67% this year, 78% five year average. Barley Planted; 36% this year, 50% five year average. Corn dented; 98% this year, 100% five year average. Corn Mature; 88% this year, 95% five year average. Corn Harvest for Grain; 40% this year, 54% five year average. Corn Harvest for Silage; 90% this year, 94% five year average. Lima Beans harvested; 89% this year, 92% five year average. Other hay 2nd cutting; 95% this year, n/a five year average. Other hay 3rd cutting; 60% this year, 87% five year average. Other hay 4th cutting; 15% this year, 20% five year average. Snap Beans Harvested; 97% this year, 100% five year average. Soybean Coloring; 90% this year, 77% five year average. Soybean Dropping Leaves; 54% this year, 49% five year average. Soybeans Mature; 33% this year, n/a average. Soybeans Harvested; 9% this year, 8% five year average. Winter Wheat; 21% this year, 28% five year average. Hay and Roughage Supplies; 2% very short, 17% short, 77% adequate and 5% surplus.

**MICHIGAN:** Days suitable for fieldwork 3.5. Topsoil moisture 3% short, 58% adequate, 39% surplus. Subsoil moisture 1% very short, 7% short, 64% adequate, 28% surplus. Dry edible beans harvested 61%, 49% last year, 65% 5-year average. Dry edible beans condition 1% very poor, 6% poor, 27% fair, 50% good, 16% excellent. Corn for silage harvested 60%. Alfalfa hay third cutting 93%, alfalfa hay fourth cutting 46%. Other hay third cutting 85%. Moisture content of harvested corn averaged 25%. Moisture content of harvested soybeans averaged 15%. Precipitation for the week ending October 5 ranged between 0.08 inch and 3.32 inches in the Upper Peninsula and between 0.58 inch and 4.95 inches in the Lower Peninsula.

Temperatures ranged from 32 degrees to 81 degrees, with a state average of 52.9 degrees Fahrenheit, 0.1 degree above normal. After recent warm and sunny conditions, last week was characterized by cold and wet weather, resulting in soggy fields which prevented harvest in most parts of the state. Fog and dew also inhibited drydown of crops. Dry beans and hay harvest were wrapping up. Pastures remain in mostly good condition. Activities for the week included harvesting corn silage, planting winter wheat, and repairing machinery. Corn condition was 72% good to excellent while soybeans condition was 62% good to excellent. Apple harvest pace increased. In most areas the principal varieties harvested were Empire, Jonathan, and Jonagold. Honeycrisp harvest neared completion in the south, and Golden Delicious picking got underway. Processing apples harvest continued in the northwest. Fruit size has been good to excellent. Direct sales at farm markets were very strong. The Concord grape harvest began after sunny warm weather last week enhanced maturation. Potato harvest continues to make progress as the season draws to a close. Late blight (*Phytophthora infestans*) remains a large concern for many growers as potatoes go into storage. This will be the last week vegetable comments will be included in the crop weather report.

**MINNESOTA:** Days suitable for fieldwork 4.4. Topsoil moisture rated 0% very short, 7% short, 88% adequate, and 5% surplus. Subsoil moisture rated 0% very short, 8% short, 88% adequate, and 4% surplus. Corn for grain and soybean harvest continues to be delayed due to high moisture levels. The northern half of the state experienced frosts that worried farmers about slow development of immature crops.

**MISSISSIPPI:** Days suitable for field work 5.0. Topsoil moisture 7% very short, 23% short, 61% adequate, 9% surplus. Subsoil moisture 6% very short, 28% short, 61% adequate, 5% surplus. Corn 97% harvested this week, 94% last week, NA 2013, 95% Avg. Hay, second cutting, 99% cut this week, 98% last week, NA 2013, 97% Avg. Hay condition was 1% very poor, 6% poor, 32% fair, 52% good, 9% excellent. Peanuts 56% dug this week, 50% last week, NA 2013, 31% Avg. Peanuts 36% harvested this week, 29% last week, NA 2013, 27% Avg. Peanuts condition was 0% very poor, 3% poor, 22% fair, 59% good, 16% excellent. Sorghum 100% coloring this week, 99% last week, NA 2013, 100% Avg. Sorghum 92% mature this week, 91% last week, NA 2013, 99% Avg. Sorghum 76% harvested for grain or seed this week, 66% last week, NA 2013, 83% Avg. Sorghum condition was 0% very poor, 13% poor, 28% fair, 42% good, 17% excellent. Sweet Potatoes 46% harvested this week, 41% last week, NA 2013, 54% Avg. Sweet potatoes condition was 0% very poor, 0% poor, 29% fair, 49% good, 22% excellent. Winter Wheat 4% planted this week, 0% last week, NA 2013, 11% Avg. Livestock condition was 0% very poor, 3% poor, 23% fair, 59% good, 15% excellent. Pasture and range condition was 3% very poor, 9% poor, 31% fair, 49% good, 8% excellent. Blueberries condition was 0% very poor, 1% poor, 30% fair, 64% good, 5% excellent. Most of the state received around an inch or more of rain with the south central and southeast regions receiving 1.35 inches.

**MISSOURI:** Days suitable for fieldwork 3.9. Topsoil moisture 3% very short, 15% short, 68% adequate, 14% surplus. Subsoil moisture 3% very short, 23% short, 68% adequate, 6% surplus. Hay and roughage supplies 5% short, 85% adequate, 10% surplus. Stock water supplies 1% very short, 11% short, 83% adequate 5% surplus. Temperatures averaged 63.4 degrees statewide, 1.6 degrees above normal. Rain averaged 2.52 inches statewide.

**MONTANA:** Days suitable for field work 4.6, na last year. Topsoil moisture 2% very short, na last year; 13% short, na last year; 77% adequate, na last year; 8% surplus, na last year. Subsoil moisture 2% very short, na last year; 13% short, na last year; 78% adequate, na last year; 7% surplus, na last year. Canola 95% harvested, na last year. Corn for grain 19% harvested, na last year. Corn for silage 89% harvested, na last year. Corn condition 1% very poor, na last year; 2% poor, na last year; 31% fair, na last year; 52% good, na last year; 14% excellent, na last year. Dry beans 85% harvested, na last year. Flaxseed 90% harvested, na last year. Other hay – 2nd cutting 92% harvested, na last year. Potatoes 40% harvested, na last year. Potatoes condition 5% fair, na last year; 73% good, na last year; 22% excellent, na last year. Sugarbeets 11% harvested, na last year. Sugarbeets condition 1% very poor, na last year; 1% poor, na last year; 14% fair, na last year; 42% good, na last year; 42% excellent, na last year. Durum wheat 78% harvested, na last year. Livestock moved from summer ranges – cattle and calves 40% moved, na last year. Livestock moved from summer ranges – sheep and lambs 52% moved, na last year. The week ending October 5 was mostly warm and dry in Montana but there was a wintery blast that brought short-lived snow to many locations mid-week. Most stations received at least some measurable precipitation and Heart Butte received the highest amount of precipitation at 1.52 inches of moisture. The high temperatures for Montana ranged from the lower 60s to upper 70s. Low temperatures ranged from the upper single digits to the lower 30s.

**NEBRASKA:** Days suitable for fieldwork 3.8. Topsoil moisture 3% very short, 19% short, 73% adequate, and 5% surplus. Subsoil moisture 8% very short, 22% short, 67% adequate, and 3% surplus. Hay alfalfa condition rated 2% very poor, 5% poor, 28% fair, 53% good and 12% excellent; alfalfa 4th cutting 83%, 84% avg. Dry bean conditions 3% very poor, 1% poor, 15% fair, 62% good, 19% excellent; harvested 77%, 82% avg. Proso millet harvested 82%, 73% avg. Stock water supplies 1% very short, 5% short, 91% adequate, and 3% surplus. Heavy rainfall of three or more inches fell across much of the Panhandle and portions of southeast Nebraska, limiting fall harvest activities. Temperatures retreated during the week with frost reported in some areas.

**NEVADA:** Days suitable for fieldwork 6. Topsoil Moisture 15% Very Short, 30% Short, 55% Adequate. Subsoil moisture 25% Very Short, 35% Short, 40% Adequate. Temperatures were above normal for the entire State with the greatest departure from normal coming in the North Central region. Las Vegas had a high of 92 degrees, while Elko and Ely both experienced a low of 24 degrees. A storm system passed through the State on Thursday with Elko, Ely and Winnemucca receiving some light-to-moderate precipitation. Range conditions were reported 40% poor to very poor and 60% good-to-excellent. Alfalfa third cutting neared completion but movement slowed throughout the State and into California. Some fourth cut alfalfa was rained on in the field over the latter part of the week. Corn silage was cut. There were more reports of surface water being shut off. Onion and potato harvests continued. Main farm and ranch activities included irrigation, hay harvest, weed and insect control, and livestock tending.

**NEW ENGLAND:** Days suitable for fieldwork, 5.5. Topsoil moisture; 2% very short, 26% short, 68% adequate and 4% surplus. Subsoil moisture; 2% very short, 21% short, 69% adequate, 8% surplus. Cranberries condition (MA); 0% very poor, 10% poor, 25% fair, 55% good, 10% excellent.

Cranberries all progress (MA); 20% harvested. Corn all condition; 0% very poor, 7% poor, 10% fair, 56% good, 27% excellent. Corn for silage progress; 54% harvested. Hay all condition; 0% very poor, 8% poor, 16% fair, 52% good, 24% excellent. Hay all progress; 95% third cutting, 61% fourth cutting. Potatoes all condition; 0% very poor, 0% poor, 0% fair, 42% good, 58% excellent. Potatoes all progress; 66% harvested. Apples all condition; 1% very poor, 2% poor, 11% fair, 75% good, 11% excellent. Apples all progress; 67% harvested. Pears all condition; 1% very poor, 1% poor, 21% fair, 73% good, 4% excellent. Pears all progress; 85% harvested. Pasture and range; 1% very poor, 21% poor, 36% fair, 36% good, 6% excellent.

**NEW JERSEY:** Days suitable for fieldwork, 6.0. Topsoil moisture; 4% very short, 25% short, 63% adequate and 8% surplus. Subsoil moisture; 4% very short, 21% short, 67% adequate and 8% surplus. Bell Peppers all progress; 95% harvested. Corn all progress; 90% dented and 64% mature. Hay Alfalfa all progress; 87% third cutting, 20% fourth cutting. Other Hay all progress; 78% third cutting. Sweet Corn all progress; 91% harvested. Apples all condition; 0% very poor, 2% poor, 42% fair, 48% good, 8% excellent. Corn all conditions; 1% very poor, 8% poor, 30% fair, 52% good, 9% excellent. Pasture and range conditions are; 6% very poor, 13% poor, 53% fair, 26% good, and 2% excellent. Soybeans all conditions; 1% very poor, 3% poor, 31% fair, 58% good, 7% excellent. Fall crop harvest continues. Apple pick your own is in full swing along with fall agriculture tourism activities. This week there were some mildew and other diseases. There is low insect pressure this week. Combining corn, soybeans drying down, hay work as the weather permits, good livestock condition and good milk production.

**NEW MEXICO:** Days suitable for fieldwork 6.7. Topsoil moisture 29% very short, 23% short, 46% adequate and 2% surplus. Subsoil moisture 28% very short, 28% short, 42% adequate and 2% surplus. Alfalfa fifth cutting 89% complete, NA last year, 90% avg; sixth cutting 41% complete, NA last year, 47% avg; 1% very poor, 4% poor, 38% fair, 46% good and 11% excellent. Corn dented 95%, NA last year, 93% avg; mature 70%, NA last year, 65% avg; harvested silage 84%, NA last year, 67% avg; 3% very poor, 4% poor, 26% fair, 32% good and 35% excellent. Cotton bolls opening 65%, NA last year, 70% avg; 2% poor, 49% fair, 29% good and 20% excellent. Winter wheat planted 73%, NA last year, 83% avg. Peanuts harvested 15%, NA last year, 16% avg; 3% very poor, 19% poor, 71% fair and 7% good. Pecans 24% fair, 60% good and 16% excellent. Green chile harvested 95%, NA last year, 95% avg; 4% poor, 50% fair, 40% good and 6% excellent. Cattle 2% very poor, 10% poor, 38% fair, 45% good and 5% excellent. Sheep 18% very poor, 24% poor, 30% fair and 28% good. Average temperatures were slightly above normal this week. Most locations recorded some precipitation, with the largest amounts across the northeast and east.

**NEW YORK:** Days suitable for fieldwork, 6. Topsoil moisture, 3% very short, 15% short, 67% adequate, 15% surplus. Subsoil moisture, 2% very short, 11% short, 73% adequate, 14% surplus. Fall Tillage, 59% this week, 46% last week. Barley Harvested, 95% this week, 94% last week. Cabbage Harvested, 95% this week, 90% last week. Corn Dough, 94% this week, 90% last week. Corn Dented, 78% this week, 66% last week. Corn Mature, 47% this week, 22% last week. Corn Silage Harvested, 56% this week, 35% last week, 66% average. Hay Alfalfa Third Cutting, 94% this week, 92% last

week, 93% average. Hay Alfalfa Fourth Cutting, 48% this week, 39% last week. Hay Other Third Cutting, 92% this week, 88% last week. Hay Other Fourth Cutting, 50% this week, 35% last week. Onions Harvested, 70% this week, 62% last week, 90% average. Potatoes Harvested, 74% this week, 47% last week, 73% average. Snap Beans Harvested, 93% this week, 91% last week, 94% average. Soybeans Dropping Leaves, 67% this week, 51% last week. Soybeans Harvested, 8% this week, 11% average. Sweet Corn Harvested, 95% this week, 93% last week, 97% average. Winter Wheat Planted, 70% this week, 50% last week, Apples Harvested, 74% this week, 57% last week, 60% previous year, 63% average. Grapes Harvested, 47% this week, 29% last week, 59% previous year, 55% average. Peaches Harvested, 95% this week, 90% last week, 100% average. Pears Harvested, 85% this week, 80% last week, 77% previous year, 93% average. Corn condition, 1% very poor, 4% poor, 18% fair, 54% good, 23% excellent. Hay Alfalfa condition, 2% very poor, 4% poor, 23% fair, 55% good, 16% excellent. Hay Other Than Alfalfa condition, 2% very poor, 6% poor, 29% fair, 50% good, 13% excellent. Pasture and Range condition, 11% very poor, 10% poor, 30% fair, 40% good, 9% excellent. Soybeans condition, 1% very poor, 5% poor, 20% fair, 53% good, 21% excellent. Apples condition, 3% very poor, 10% poor, 41% fair, 40% good, 6% excellent. Grapes condition, 2% very poor, 3% poor, 11% fair, 67% good, 17% excellent. Field activities for the week include hauling and spreading manure, plowing of fields, mowing and bailing hay, mowing pastures, spraying of trees, and fixing machinery.

**NORTH CAROLINA:** Days suitable for field work 5.8. Topsoil moisture 1% very short, 11% short, 78% adequate and 10% surplus. Subsoil moisture 2% very short, 10% short, 78% adequate and 10% surplus. Most of the eastern part of the state stayed dry this week which allowed farmers to get back in the fields. Overall temperatures were around normal. Reported crop progress data for the week showed soybeans leaf drop at 46% with some areas beginning harvest. Cotton bolls opening recorded at 86%. Reports for corn harvested for grain at 79% and harvested for silage at 89%. Flue-cured tobacco harvest was reported at 85% while Burley harvested is at 75% both remain behind the 5 year average. Sweet potato harvest is at 50%, peanut harvest has begun in earnest and is reported at 21%. Apple harvest is at 77% and the third cutting of hay is reported at 76%. Small grain planting has begun with barley reported at 11%.

**NORTH DAKOTA:** Days suitable for fieldwork 4.7. Topsoil moisture 0% very short, 7% short, 84% adequate, 9% surplus. Subsoil moisture 0% very short, 5% short, 86% adequate, 9% surplus. Winter wheat planted 89%; emerged 37%. Durum wheat harvested 85%, 94% avg. Canola harvested 95%, 96% avg. Flaxseed harvested 75%, 84% avg. Lentils harvested 79%, 99% avg. Dry beans harvested 62%, 71% avg.; condition 3% very poor, 7% poor, 31% fair, 51% good, 8% excellent. Potatoes vines dry 97%, 95% avg.; harvested 57%, 66% avg.; condition 3% very poor, 5% poor, 27% fair, 54% good, 11% excellent. Sugarbeets harvested 52%, 30% avg.; condition 1% very poor, 7% poor, 29% fair, 50% good, 13% excellent. Sunflowers ray flowers dried 98%, 99% avg.; bracts yellow 89%, 94% avg.; bracts brown 55%, 71% avg.; condition 2% very poor, 3% poor, 20% fair, 62% good, 13% excellent. Stock water supplies 0% very short, 2% short, 85% adequate, and 13% surplus. Much of the State received a hard freeze which ended the growing season for remaining crops. Average temperatures were 2 to 8 degrees below normal across much of the state. Rain either slowed or halted harvest activities in

many areas, especially in the west where an inch or more was received. Livestock activities included weaning calves.

**OHIO:** Days suitable for fieldwork 4.9. Topsoil moisture 5% very short 22% short, 60% adequate, 13% surplus. Subsoil moisture 4% very short 17% short, 66% adequate, 13% surplus. Corn harvested for silage 77%, NA 2013, NA 5YA. Tobacco cut 91%, NA 2013, NA 5YA. Alfalfa hay fourth cutting 81%, NA 2013, NA 5YA. Other hay third cutting 92%, NA 2013, NA 5YA. Average temperatures recorded around the State ranged from 56 to 64 degrees or four degrees below to six degrees above normal. The lowest recorded temperature was 36 degrees and the highest was 87 degrees. The statewide average temperature for the week was 58.1 degrees, 0.1 degree cooler than normal. Recorded precipitation ranged from 0.13 to 1.94 inches, with a statewide average of 0.67 inches. Heavy rains that occurred later in the week have slowed harvesting activities in the state. Moisture content of harvested corn averaged 23%. Moisture content of harvested soybeans averaged 13%. Corn condition was 75% good to excellent. Soybean condition was 72% good to excellent.

**OKLAHOMA:** Days suitable for fieldwork 6.4. Topsoil moisture 17% very short, 50% short, 32% adequate, 1% surplus. Subsoil moisture 32% very short, 43% short, 25% adequate, 0% surplus. Wheat seedbed prepared 89% this week, 85% last week, N/A% last year, 89% average. Oats seedbed preparation 68% this week, 59% last week, N/A% last year, 70% average. Oats planted 20% this week, N/A% last week, N/A% last year, 20% average. Rye seedbed preparation 95% this week, 88% last week, N/A% last year, 91% average. Rye planted 78% this week, 62% last week, N/A% last year, 68% average. Rye emerged 5% this week, N/A% last week, N/A% last year, 39% average. Canola planted 80% this week, 59% last week, N/A% last year, N/A% average. Canola emerged 26% this week, 5% last week, N/A% last year, N/A% average. Peanuts mature 65% this week, 59% last week, N/A% last year, 67% average. Peanuts dug 9% this week, 4% last week, N/A% last year, 20% average. Alfalfa condition 8% very poor, 14% poor, 38% fair, 35% good, 5% excellent; fourth cutting 85% this week, 80% last week, N/A% last year, 67% average; fifth cutting 18% this week, 14% last week, N/A% last year, N/A% average. Other Hay condition 8% very poor, 16% poor, 39% fair, 33% good, 4% excellent; second cutting 83% this week, 77% last week, N/A% last year, 72% average. Livestock condition 1% very poor, 3% poor, 28% fair, 59% good, 9% excellent. Pasture and range condition 6% very poor, 16% poor, 36% fair, 37% good, 5% excellent. Corn and sorghum harvest were underway with 74 percent and 49 percent complete, respectively. Drought conditions continued to worsen over the past week. According to the most recent U.S. Drought Monitor, just over 91% of the state was in a drought compared to 82% last week. Minimal rainfall was received last week. Average precipitation ranged from 0.06 of an inch in the North Central District to 1.32 inches in the East Central District. Small grain planting was progressing and rain was still needed for emerged stands, and to promote germination. There were also reports of armyworms in recently seeded wheat. Producers prepared for the harvest of soybeans and cotton, and hay harvest finished with good yields and quality reported. Temperatures ranged from 32 degrees at Blackwell on Saturday, October 4th to 97 degrees at Mangum on Wednesday, October 1st. Topsoil moisture conditions were rated mostly adequate to short. Subsoil moisture conditions were rated mostly short to very short.

**OREGON:** Days suitable for field work 6.5 days. Topsoil Moisture 17% Very Short, 47% Short, 33% Adequate, 3% Surplus. Subsoil Moisture 20% Very Short, 48% Short, 31% Adequate, 1% Surplus. Range and Pasture 14% Very Poor, 34% Poor, 35% Fair, 17% Good, 0% Excellent. Hay 4th cutting 91%, NA 2013, NA avg. Winter Wheat Planted 36%, 41% avg. Winter Wheat Emerged 13%, 16% avg. Temperatures Were Above Average in Oregon. Pasture and range conditions were reported to be 14% very poor, 34% poor, 35% fair, and 17% good. In western Oregon favorable weather allowed fall ground preparation work on fields to continue. Potatoes were being harvested. Walnuts were looking good. Berry harvest was winding down. The grape harvest went well and the quality of the wine grapes was excellent. Apples and filberts were being harvested. The apple harvest still had most of the late varieties left to be harvested. Fuji, Braeburn, and Granny Smith were still in the orchards. Powdery mildew on pumpkins and squash was really bad this year. Greenhouses and nurseries were preparing soil for new plantings. Pastures were dry. In eastern Oregon corn and potato harvest continued. Most producers were finishing the third cutting of alfalfa. Postharvest cleanup operations continued. In some orchards winter pear harvest continued. Cattle were being sent to feedlots and some early weaning was taking place.

**PENNSYLVANIA:** Days suitable for fieldwork, 5.5. Topsoil moisture, 14% very short, 18% short, 66% adequate, 2% surplus. Subsoil moisture, 6% very short, 23% short, 68% adequate, 3% surplus. Hay alfalfa fourth cutting, 81% this week, 81% average. Apples harvested, 74% this week, 80% average. Barley planted, 64% this week, 58% average. Barley Emerged, 50% this week, 33% average. Corn mature, 79% this week, 72% average. Corn Harvested for Grain, 15% this week, 24% average. Corn harvested for silage, 77% this week, 80% average. Fall Tillage, 58% this week, n/a average. Grapes harvested, 58% this week, 55% average. Hay other than alfalfa third cutting, 9% this week, 100% average. Potatoes harvested, 81% this week, 78% average. Soybeans fully podded, 93% this week, n/a average. Soybeans coloring, 86% this week, n/a average. Soybeans dropping leaves, 73% this week, n/a average. Soybeans Harvested, 12% this week, 14% average. Winter Wheat planted, 48% this week, 39% average. Winter Wheat emerged, 27% this week, 15% average. Corn condition, 0% very poor, 2% poor, 15% fair, 55% good, 28% excellent. Pasture condition, 7% very poor, 10% poor, 44% fair, 32% good, 7% excellent. Quality of hay made, 1% very poor, 7% poor, 27% fair, 39% good, 26% excellent. Soybeans condition, 0% very poor, 1% poor, 10% fair, 58% good, 31% excellent. Field activities for the week included silo filling, topdressing and fall seeding.

**SOUTH CAROLINA:** Days suitable for fieldwork 5.6. Topsoil Moisture 3% very short, 14% short, 78% adequate, 5% surplus. Subsoil Moisture 8% very short, 13% short, 76% adequate, 3% surplus. Pasture and Range condition 6% very poor, 13% poor, 37% fair, 42% good, 2% excellent. Peanuts condition 0% very poor, 0% poor, 17% fair, 72% good, 11% excellent. Livestock condition 0% very poor, 9% poor, 32% fair, 54% good, 5% excellent. Soybeans condition 1% very poor, 4% poor, 28% fair, 58% good, 9% excellent. Corn Harvested 97% NA 2013. Soybeans setting pods 97%, NA 2013. Soybeans Coloring 59%, NA 2013. Soybeans Dropping Leaves 23%, NA 2013. Soybeans mature 10%, NA 2013. Peanuts Harvested 34%, NA 2013. Wheat planted 20%, NA 2013. The state average temperature for the seven-day

period was near the long-term average. The state average rainfall for the seven-day period was 0.7 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 5.3. Topsoil moisture 0% very short, 15% short, 83% adequate, 2% surplus. Subsoil moisture 1% very short, 16% short, 81% adequate, 2% surplus. Winter wheat planted 79%, 74% avg; emerged 35%, 33% avg. Sunflower ray flowers dry 96%, , 100% avg; bracts turning yellow 84%, 94% avg; turning brown 56%. Harvested 3%, 8% avg. Condition 0% very poor, 2% poor, 35% fair, 57% good, 6% excellent. Alfalfa third cutting 90%, 93% avg; fourth cutting 42%. Condition 0% very poor, 3% poor, 19% fair, 60% good, 18% excellent. Stock water supplies 2% very short, 12% short, 83% adequate, 3% surplus. Temperatures averaged above normal in the southeastern part of the State and below normal elsewhere. Rain showers were common in the west. .

**TENNESSEE:** Days suitable 5.7. Topsoil moisture 8% very short 29% short, 58% adequate, 5% surplus. Subsoil moisture 9% very short, 30% short, 60% adequate, 1% surplus. Corn mature, 97%, corn harvested for grain, 71%. Cotton bolls opening 85%, cotton harvested, 6%. Soybeans dropping leaves 71%, soybeans harvested 17%. Winter wheat planted, 13%, emerged, 2%. Corn condition 2% poor, 12% fair, 43% good, 43% excellent. Cotton condition, 1% very poor, 4% poor, 24% fair, 56% good, 15% excellent. Soybean condition 1% very poor, 2% poor, 14% fair, 55% good, 28% excellent. Pasture and Range condition 4% very poor, 15% poor, 34% fair, 42% good, 5% excellent. Other activities included cotton defoliation, cutting hay, harvesting crops.

**TEXAS:** Days suitable for fieldwork 6.1. Topsoil moisture 17% very short, 36% short, 43% adequate, 4% surplus. Subsoil moisture 18% very short, 41% short, 37% adequate, 4% surplus. Oats planted 41%, 42% avg. Oats emerged 5%, 7% avg. Range and pasture condition 10% very poor, 18% poor, 40% fair, 27% good and 5% excellent. Much of the state's rainfall last week was seen in areas of East Texas, the Upper Coast, and the Coastal Blend, totaling up to 3 inches. Scattered showers totaling less than 1 inch were seen in areas of the Blacklands, South Texas, South Central Texas, and in the Plains. The rest of the state received minimal rainfall. Field preparations for small grains continued in areas of South Central Texas and the Edwards Plateau, while seeding remained active across most areas of the state. Lack of adequate moisture slowed winter wheat seeding in areas of the Cross Timbers, while recent rainfall encouraged oat seeding in South Texas. Early sown winter wheat was emerging in the Northern High Plains. Cotton bolls were opening in areas of the Southern Low Plains, Trans-Pecos, and Cross Timbers, while harvest continued in the Blacklands, Upper Coast, and South Texas. Cotton defoliation was active in areas of the Edwards Plateau and Northern High Plains. Corn harvest continued across the state with harvest wrapping up in areas of the Blacklands. Some corn silage harvest was active in the Northern High Plains. Sorghum harvest continued across the state. Some peanut producers in the Northern Low Plains anticipate harvest in the upcoming week, while peanut fields in areas of South Texas were undergoing preparation for digging. Sunflower and soybean harvest continued across the state. Rice harvest reached completion across the state. Cabbage and spinach seeding was active in areas of South Texas. Sesame continued to progress in areas of the Edwards Plateau. Some pecan producers in the Trans-Pecos were waiting for western varieties to progress to the shuck-separation stage. Chile harvest was underway in areas of the

Trans-Pecos. Livestock remained in good condition throughout most of the state. Some livestock producers in East Texas continued calf weaning, while some producers in dry areas of South Texas began to provide supplemental feed for cattle. Range and pasture continued to improve in areas of the Lower Valley, Northern High Plains, and the Blacklands. Winter pasture seeding was active in areas of the Blacklands and Upper Coast, while armyworm populations were causing persistent damage to emerging winter pasture in areas of South Central Texas.

**UTAH:** Days suitable for field work 5.5. Topsoil moisture 1% very short, 25% short, 70% adequate, 4% surplus. Subsoil Moisture 4% very short, 30% short, 66% adequate. Winter wheat planted 87%, 2013 NA, 71% 5-yr avg; emerged 66%, 2013 NA, 18% 5-yr avg. Alfalfa hay third cutting 95%, 2013 NA, 94% 5-yr avg; fourth cutting 20%, 2013 NA, 40% 5-yr avg. Corn dough 95%, 2013 NA, 97% 5-yr avg; dent 82%, 2013 NA, 86% 5-yr avg; mature 49%, 2013 NA, 61% 5-yr avg; silage harvested 38%, 2013 NA, 56% 5-yr avg. Apples harvested 54%, 2013 NA, 50% 5-yr avg. Peaches harvested 92%, 2013 NA, 91% 5-yr avg. Onions harvested 70%, 2013 NA, 63% 5-yr avg. Cattle moved from summer range 49%, 2013 NA, 45% 5-yr avg. Cattle and calves condition 15% fair, 69% good, 16% excellent. Sheep moved from summer range 35%, 2013 NA, 50% 5-yr avg. Sheep and lamb condition 13% fair, 79% good, 8% excellent. Stock water supplies 3% very short, 22% short, 72% adequate, 3% surplus. Rains in Beaver County were very welcome but have slowed down hay cutting and corn chopping. Most of the silage hay had been harvested. Pastures and livestock are looking good. Cache County growers are enjoying near perfect weather to harvest silage corn and safflower. There are still a few corn fields waiting to be harvested but they are gradually being whittled down. There were also some growers harvesting corn for grain. Livestock are doing well grazing aftermath on crop lands. Livestock owners are delighted with prices for their calves. Recent heavy rains in Carbon County have helped alleviate drought conditions. However, the majority ran off the ground causing severe flooding of homes and lowlands. Many high elevation farming areas in Garfield County have had mild fall temperatures which has extended the growing season 2-3 weeks. Heavy rain and hail caused substantial flooding in many areas of the County and caused damage to crops, gardens, roads, bridges, range, pasture, and farmland. Some beef producers are gathering and weaning calves. Heavy rains in Morgan County brought all field work to a halt this week. Several mornings of 20 degree weather in Rich County has stopped much growth of grass but pastures and aftermath are still green. Cows are also doing well. Heavy rains in Weber County have kept farmers out of the field all week. Much of fourth crop alfalfa was damaged by the rain.

**VIRGINIA:** Days suitable for fieldwork 5.9. Topsoil moisture 9% very short, 32% short, 55% adequate, 4% surplus. Subsoil moisture 11% very short, 29% short, 57% adequate, 3% surplus. Cotton 1% fair, 79% good, 20% excellent. Cotton bolls opening 88%, 87% 5-yr avg. Cotton harvested 0%, 9% 5-yr avg. Peanuts 2% fair, 88% good, 10% excellent. Peanuts dug 24%, 26% 5-yr avg. Peanuts harvested 12%, 10% 5-yr avg. Corn 5% poor, 27% fair, 55% good, 13% excellent. Corn dented 98%, 99% 5-yr avg. Corn mature 90%, 94% 5-yr avg. Corn for grain harvested 57%, 71% 5-yr avg. Corn for silage harvested 96%, 92% 5-yr avg. Soybeans 1% very poor, 6% poor, 21% fair, 62% good, 10% excellent. Soybeans dropping leaves 46%, 56% 5-yr avg. Soybeans harvested 5%, 5% 5-yr

avg. Winter wheat planted 14%, 17% 5-yr avg. Barley planted 38%, 40% 5-yr avg. Flue-cured tobacco harvested 80%, 81% 5-yr avg. Fire-cured tobacco cut 95%, 100% 5-yr avg. Burley tobacco cut 93%, 95% 5-yr avg. Livestock 2% very poor, 6% poor, 28% fair, 53% good, 11% excellent. Pasture conditions 8% very poor, 20% poor, 30% fair, 37% good, 5% excellent. Alfalfa hay 3% very poor, 16% poor, 35% fair, 41% good, 5% excellent. Other hay 6% very poor, 18% poor, 38% fair, 36% good, 2% excellent. All apple conditions 2% poor, 38% fair, 55% good, 5% excellent. All apples harvested 47%. Most of the Old Dominion experienced a few scattered, light showers with most areas receiving less than an inch of rainfall. The temperatures returned to the norm for this time of year and ranged from normal to 3 degrees above the norm this week. These light rains did little to help the state as some areas are very dry and have not seen rain in a little over a month now. Some places have even received their first frost. These issues have livestock producers still worry about the chance of a feed shortage as pastures continue to be dry, forcing some to began feeding hay. Peanut digging and harvesting are in full swing as the rains continue to ease up. Other farming activities for the week included corn silage chopping, cotton defoliation, and planting winter crops.

**WASHINGTON:** Days suitable for field work 7.0 days. Topsoil Moisture 19% Very Short, 36% Short, 44% Adequate, 1% Surplus. Subsoil Moisture 21% Very Short, 42% Short, 36% Adequate, 1% Surplus. Range and Pasture 13% Very Poor, 21% Poor, 40% Fair, 22% Good, 4% Excellent. Winter Wheat Planted 73%, 79% avg. Winter Wheat Emerged 59%, 59% avg. Potatoes Harvested 74%, 70% avg. Corn Condition 0% Very Poor, 1% Poor, 37% Fair, 50% Good, 12% Excellent. Corn Dented 83%, 81% avg. Corn Mature 40%, , 40% avg. Corn Harvested for Grain 16%, 11% avg. Corn for Silage Harvested 73%, 50% avg. Dry Edible Beans Harvested 96%, 98% avg. Hay 4th cutting 60%, 61% avg. Excellent Weather for Field Work in Washington. Pasture and range conditions were reported to be 13% very poor, 21% poor, 40% fair, 22% good, and 4% excellent. In western Washington potatoes were being harvested. All corn for silage was cut. Apple harvest continued. Tomatoes and peppers were still being harvested. U-Pick pumpkin farms were doing well but many pumpkins were already ripe. In eastern Washington crops were taking off since the last rainfall but more was still needed. Emerging wheat and perennial grasses were growing well. Winter wheat seeding was nearly complete. Wine grape harvest was in full swing with good picking conditions. Apple harvest continued with late maturing varieties coming in. Apple varieties that came into the packinghouses included Honeycrisp, Jonagold, Red Delicious, and Granny Smith. Overall, vegetable production started to decline, however many winter squashes entered the market.

**WEST VIRGINIA:** Days suitable for fieldwork 6. Topsoil moisture was 18% very short, 36% short, 44% adequate, and 2% surplus, compared to 16% short, 75% adequate, and 9% surplus last year. Subsoil moisture was 11% very short, 45% short, 43% adequate, and 1% surplus, comparison data not available. Corn conditions were 3% very poor, 7% poor, 24% fair, 56% good, and 10% excellent. Corn was 93% dented, 5-year avg. not available. Corn was 49% mature, 47% 5-year avg. Corn was 19% harvested for grain, 13% 5-year avg. Soybean conditions were 3% poor, 10% fair, 86% good, and 1% excellent. Soybeans were 85% dropping leaves, 78% 5-year avg. Soybeans were 8% harvested,, comparison data not available. Winter wheat was 23% planted, comparison

data not available. Hay third cutting was 78%, 55% 5-year avg. Apple conditions were 1% very poor, 4% poor, 24% fair, 67% good, and 4% excellent. Apples were 45% harvested, 62% 5-year avg. Cattle and calves were 2% poor, 15% fair, 72% good, and 11% excellent. Sheep and lambs were 1% poor, 16% fair, 78% good, and 5% excellent. Farming activities included making hay, planting winter wheat, and harvesting apples, corn for grain, and soybeans. Some light frosts were reported. Home gardens are almost finished for the season.

**WISCONSIN:** Days suitable for fieldwork 4.3. Topsoil moisture 5% short, 80% adequate and 15% surplus. Subsoil moisture 8% short, 80% adequate, and 12% surplus. Corn for silage 47%, n.a. 2013, 77% avg. Hay, alfalfa, fourth cutting 77%, n.a. 2013, 79% avg. Potatoes harvested 85%, n.a. 2013, n.a. avg. Winter wheat planted 38%, n.a. 2013, n.a. avg, emerged 17%, n.a. 2013, n.a. avg. Fall tillage 13%, n.a. 2013, 11% avg. Rain and snow slowed fieldwork this week as cold air swept across the state. Though temperatures were above average early in the week, overnight lows dropped into the 30s by the weekend. Areas of northwestern Wisconsin received an inch or more of snow and flurries were reported statewide. The Eau Claire weather station observed a new record for earliest measurable snowfall, with 0.6 inches in the early morning of October 4. The previous record early snowfall there was 0.8 inches on October 9, 1932. The weekend also brought widespread frost, with scattered reports of a killing freeze. This week's precipitation exacerbated wet field conditions in the northern part of the state, delaying fieldwork and slowing crop drydown. Northern Wisconsin reporters commented that fall plantings may be prevented because fields are inaccessible. However, drier conditions in the south allowed harvest activities to progress well. Reporters noted high moisture corn was being harvested for feed and corn silage cutting was going strong. Soybeans harvest had begun and work continued on hay, potatoes, apples, and cranberries. Winter wheat planting and manure hauling continued as fields were cleared. Across the reporting stations, average temperatures this week were 2 degrees below to 1 degree above normal. Average high temperatures ranged from 61 to 67 degrees, while average low temperatures ranged from 43 to 49 degrees. Precipitation totals ranged from 0.85 inches in Milwaukee and Madison to 1.46 inches in La Crosse.

**WYOMING:** Days suitable for fieldwork 5.7. Topsoil moisture 5% very short, 13% short, 79% adequate, 3% surplus. Subsoil moisture 5% very short, 19% short, 75% adequate, 1% surplus. Oats harvested 95%, NA% 2013, 98% 5-yr avg. Sugarbeets harvested 24%, NA% 2013, 23% 5-yr avg; condition 7% fair, 64% good, 29% excellent. Winter wheat planted 94%, NA% 2013, 94% 5-yr avg; emerged 51%, NA% 2013, 78% 5-yr avg. Corn dented 96%, NA% 2013, 89% 5-yr avg; mature 73%, NA% 2013, 69% 5-yr avg; harvested for grain 2%, NA% 2013, 13% 5-yr avg; corn silage harvested 91%, NA% 2013, 81% 5-yr avg; condition 4% very poor, 6% poor, 10% fair, 80% good, 0% excellent. Dry beans cut 50%, NA% 2013, 93% 5-yr avg; harvested 30%, NA% 2013, 71% 5-yr avg; condition 7% very poor, 9% poor, 23% fair, 56% good, 5% excellent. Livestock condition 15% fair, 67% good, 18% excellent. Crop insect infestation 4% moderate, 36% light, 60% none. Irrigation water supplies 4% poor, 2% fair, 81% good, 13% excellent. Lincoln County producers intend to finish the small grain harvest this week. Rain has stopped and fields are drying out.

**International Weather and Crop Summary**

**September 28 - October 4, 2014**

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

**EUROPE:** Drier weather allowed fieldwork to resume, though showers in Spain continued the favorable start to the Iberian Peninsula's fall-winter wet season.

**FSU-WESTERN:** Drier weather followed last week's strong storm, allowing producers to resume summer crop harvesting and winter crop planting.

**FSU-EASTERN:** Showers across much of the region slowed spring wheat harvesting in the north and cotton harvesting in southern growing areas.

**MIDDLE EAST:** Early-week rainfall in Turkey further boosted soil moisture for winter wheat establishment but caused summer crop harvest delays.

**SOUTH ASIA:** Monsoon rain diminished throughout India, promoting harvesting but leaving many late-planted crops with insufficient moisture.

**EAST ASIA:** A season-ending freeze spread across northeastern China, promoting rapid maturation of summer crops, while unfavorably wet weather continued for mature summer crops on the North China Plain.

**SOUTHEAST ASIA:** Late-season showers slowed rice maturation and harvesting in the region.

**AUSTRALIA:** Mostly dry, very warm weather accelerated crop development and reduced moisture supplies for immature winter grains and oilseeds.

**ARGENTINA:** Beneficial rain developed over western farming areas.

**BRAZIL:** Persistent, heavy rain maintained unfavorable conditions for maturing wheat in key southern production areas.

**MEXICO:** Heavy rain gave a late-season boost to southern reservoirs, but seasonable dryness intensified in northwestern watersheds.

**CANADIAN PRAIRIES:** Cool, damp weather hampered spring crop harvesting.

**SOUTHEASTERN CANADA:** Unseasonably warm weather aided late summer crop development and spurred early winter wheat growth.

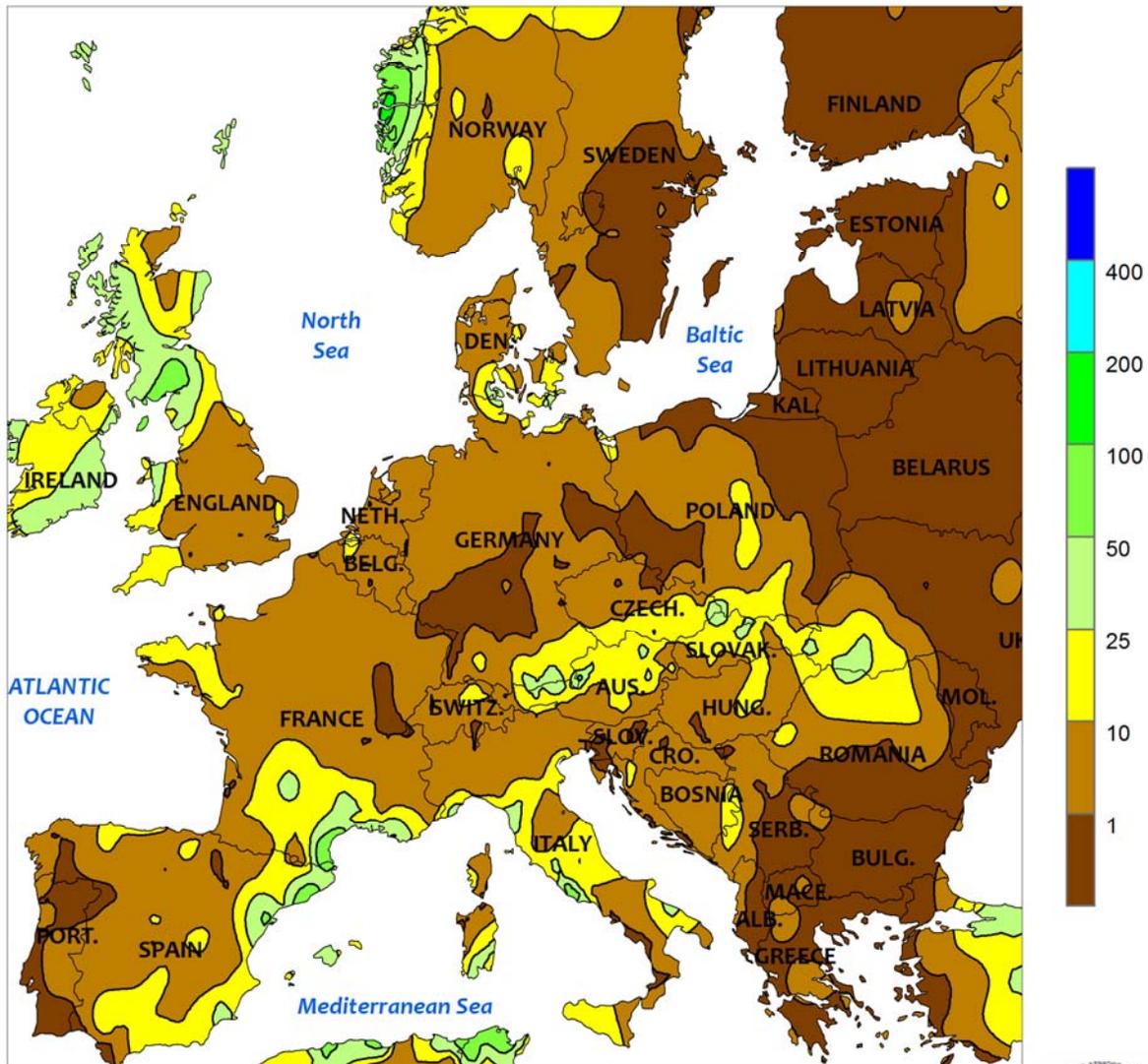
**September 2014**

COUNTRY	CITY	TEMPERATURE					PRECIP.		
		AVG MAX	AVG MIN	HI MAX	LO MIN	DEP AVG	NRM TOT	DEP NRM	
ALGERI	ALGER	32	21	36	18	26	3.3	8	-26
	BATNA	33	16	38	12	24	2.9	14	-15
ARGENT	IGUAZU	27	17	35	9	22	2.2	294	124
	FORMOSA	28	18	38	8	23	3.2	70	-27
	CERES	25	13	33	6	19	2.9	77	32
	CORDOBA	23	9	31	3	16	1	30	-6
	RIO CUARTO	22	10	30	2	16	2.3	49	4
	ROSARIO	22	10	26	3	16	1.7	78	13
	BUENOS AIRES	20	10	24	4	15	1.7	118	60
	SANTA ROSA	21	7	26	-1	14	1.6	38	0
	TRES ARROYOS	18	8	24	2	13	2.5	31	-28
AUSTRA	DARWIN	32	22	35	18	27	-1.1	0	-16
	BRISBANE	23	13	28	8	18	-0.1	48	13
	PERTH	22	10	35	5	16	1.7	70	-8
	CEDUNA	23	9	35	2	16	1.1	3	-26
	ADELAIDE	19	10	29	4	15	1.2	23	-42
	MELBOURNE	18	8	28	1	13	1.1	24	-28
	WAGGA	19	5	26	-1	12	0.9	38	-17
	CANBERRA	17	4	23	-3	11	0.7	27	-30
AUSTRI	VIENNA	20	12	25	3	16	0.2	170	108
	INNSBRUCK	21	10	26	3	16	1.6	64	-17
BAHAMA	NASSAU	32	25	34	21	28	0.8	95	-65
BARBAD	BRIDGETOWN	31	25	31	23	28	0.3	126	-10
BELARU	MINSK	18	9	25	0	13	1.7	32	-33
BERMUD	ST GEORGES	30	24	30	21	27	0.1	108	-11
BOLIVI	LA PAZ	15	1	19	-1	8	0.4	47	15
BRAZIL	FORTALEZA	30	25	32	24	27	-0.1	9	-8
	RECIFE	28	23	29	21	26	-1.5	155	76
	CAMPO GRANDE	31	20	35	15	25	1.1	62	-11
	FRANCA	30	18	34	13	24	2.3	45	-19
	RIO DE JANEIRO	29	19	36	14	24	1.7	55	-6
	LONDRINA	29	16	35	12	22	2.8	181	68
	SANTA MARIA	23	15	33	8	19	2.3	239	83
	TORRES	22	15	26	12	18	-1	124	-13
BULGAR	SOFIA	21	12	28	3	17	0	198	159
BURKIN	OUAGADOUGOU	33	23	36	20	28	0.2	212	75
CANADA	TORONTO	22	12	32	5	17	1.4	103	25
	MONTREAL	21	11	31	1	16	1.2	50	-41
	WINNIPEG	19	8	30	1	13	1.1	0	-51
	REGINA	19	6	32	-2	12	0.6	0	-31
	SASKATOON	19	6	29	-2	12	1.1	0	-29
	LETHBRIDGE	***	***	***	***	***	*****	*****	*****
	CALGARY	18	6	28	-2	12	1	55	11
	EDMONTON	18	6	29	-2	12	0.9	20	-22
	VANCOUVER	20	12	25	6	16	1.3	61	8
CANARY	LAS PALMAS	28	23	30	21	26	1.4	0	-9
CHILE	SANTIAGO	18	7	28	2	12	1	22	2
CHINA	HARBIN	22	10	29	-2	16	1.4	32	-21
	HAMI	28	11	36	3	19	0.9	1	-2
	LANCHOW	***	***	22	***	***	*****	*****	*****
	BEIJING	25	17	33	10	21	1	125	79
	TIENTSIN	26	17	33	10	22	0.2	31	-11
	LHASA	20	10	23	4	15	1.5	75	7
	KUNMING	25	17	28	14	21	2.9	150	31
	CHENGCHOW	25	18	32	13	21	0.3	228	150
	YEHCHANG	25	20	32	16	23	-0.9	202	93
	HANKOW	28	21	33	17	25	0.4	113	34
	CHUNGKING	28	22	36	19	25	1.4	229	84
	CHIHKIANG	29	21	35	16	25	1.8	119	51
	WU HU	28	22	35	17	25	1.4	83	-1
	SHANGHAI	27	22	32	18	25	0.1	137	2
	NANCHANG	31	24	36	20	27	2.6	119	50
	TAIPEI	34	27	37	24	30	2.8	223	-32
	CANTON	33	24	35	21	29	1.3	96	-56
	NANNING	33	24	35	18	28	0.9	329	204
COLOMB	BOGOTA	19	9	21	5	14	0.4	67	9
COTE D	ABIDJAN	28	24	29	22	26	1	89	28
CUBA	HAVANA	32	22	34	20	27	0.3	0	-145
CYPRUS	LARNACA	31	21	35	18	26	0.9	13	11
CZECHR	PRAGUE	20	11	26	3	15	2	83	42

Based on Preliminary Reports



EUROPE  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



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

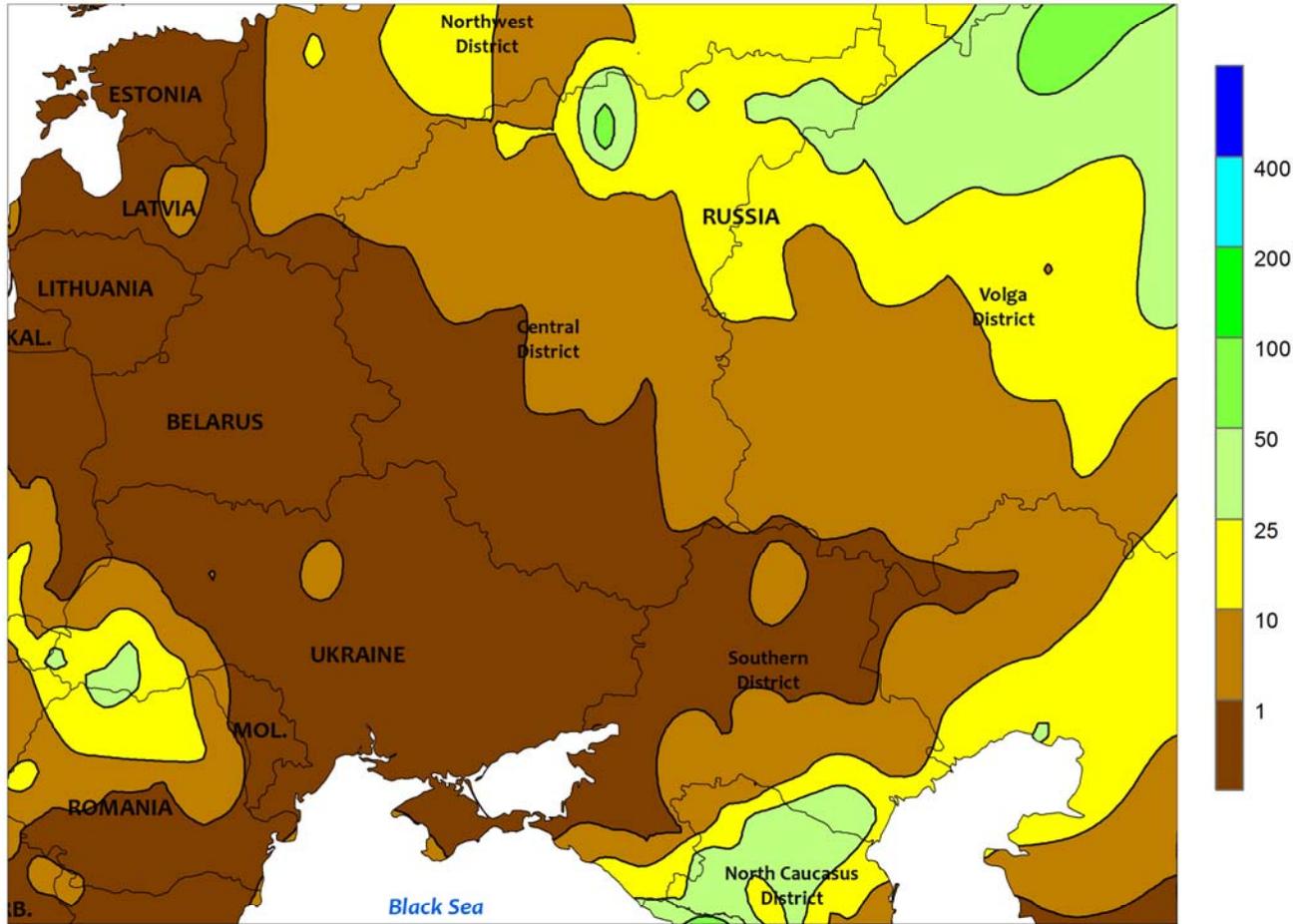


**EUROPE**

Drier, milder weather returned across much of the continent, though showers lingered in portions of southern and eastern Europe. Following recent persistent wetness, mostly sunny skies and above-normal temperatures (3-6°C above normal) allowed producers to resume summer crop harvesting as well as planting of winter grains and oilseeds from France and the southern United Kingdom into Poland and the Baltic States. In addition, a welcome respite from

recent heavy downpours in the southern Balkans promoted summer crop drydown and harvesting. However, light to moderate showers (2-25 mm) continued to impede fieldwork in the northern Balkans, though rain was not as heavy as recent weeks. Scattered showers (2-40 mm) also lingered from the Iberian Peninsula into Italy, conditioning soils for winter grain planting but slowing the harvest of corn, soybeans, and sunflowers.

WESTERN FSU  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



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

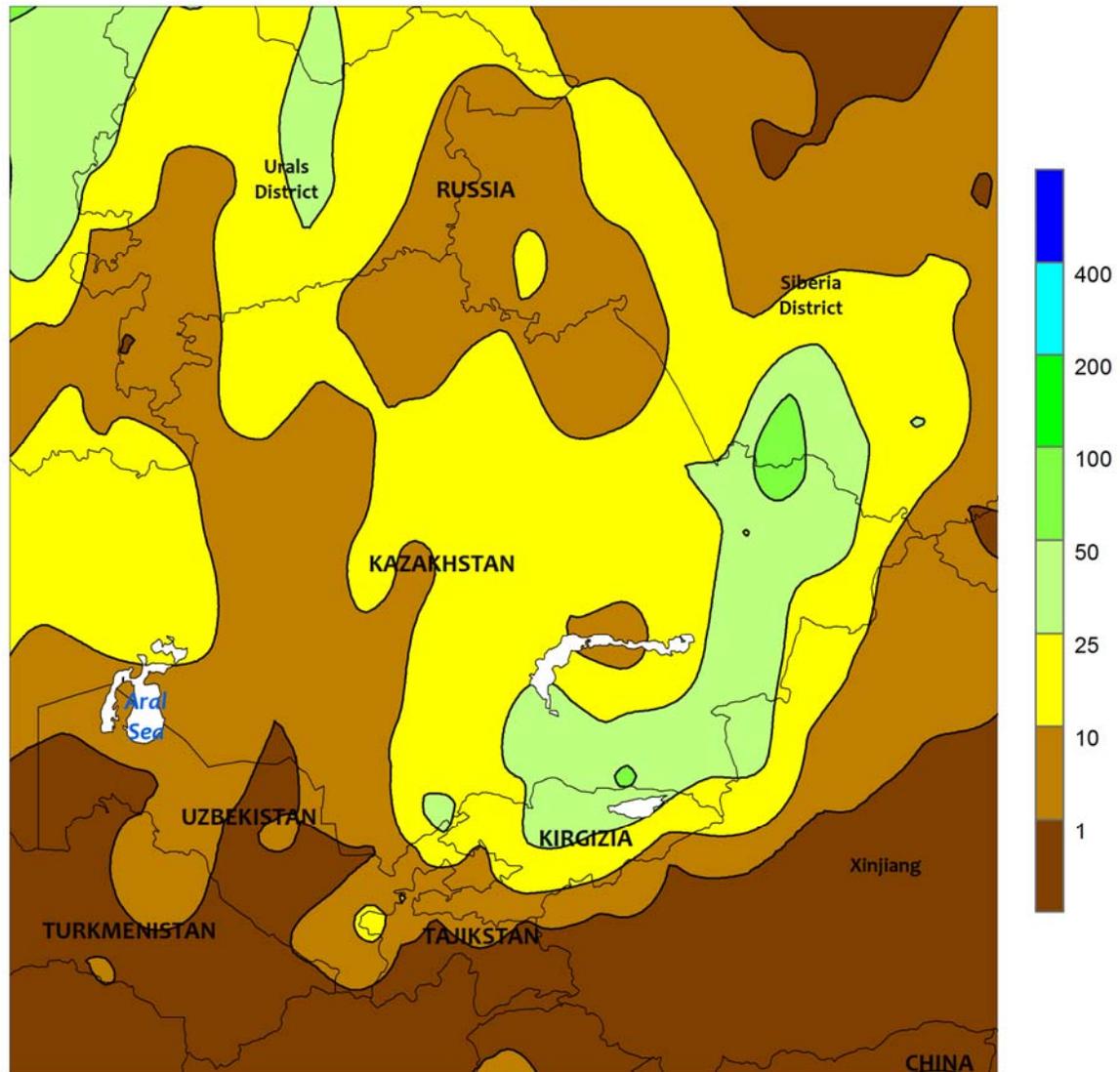


**WESTERN FSU**

Following last week's quick-hitting but intense storm system, drier weather settled across much of the region. In particular, sunny skies allowed for damage recovery in eastern Ukraine and southwestern Russia, where strong, gusty winds at the end of September reportedly downed trees, knocked out power, and caused some structural damage to farm buildings. However, the storm also brought much-needed rainfall to wheat in Ukraine and Russia. This week's drier weather promoted summer crop harvesting as

well as winter crop planting and establishment in areas impacted by the storm. However, showers lingered in the North Caucasus District in southern Russia, improving soil moisture for winter wheat following an unfavorably dry, hot summer. Soil moisture remained in short supply for winter wheat establishment from the southern Central District eastward into the southern Volga, with light showers (5 mm or less) in eastern-most crop areas offering little overall improvement.

EASTERN FSU  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



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

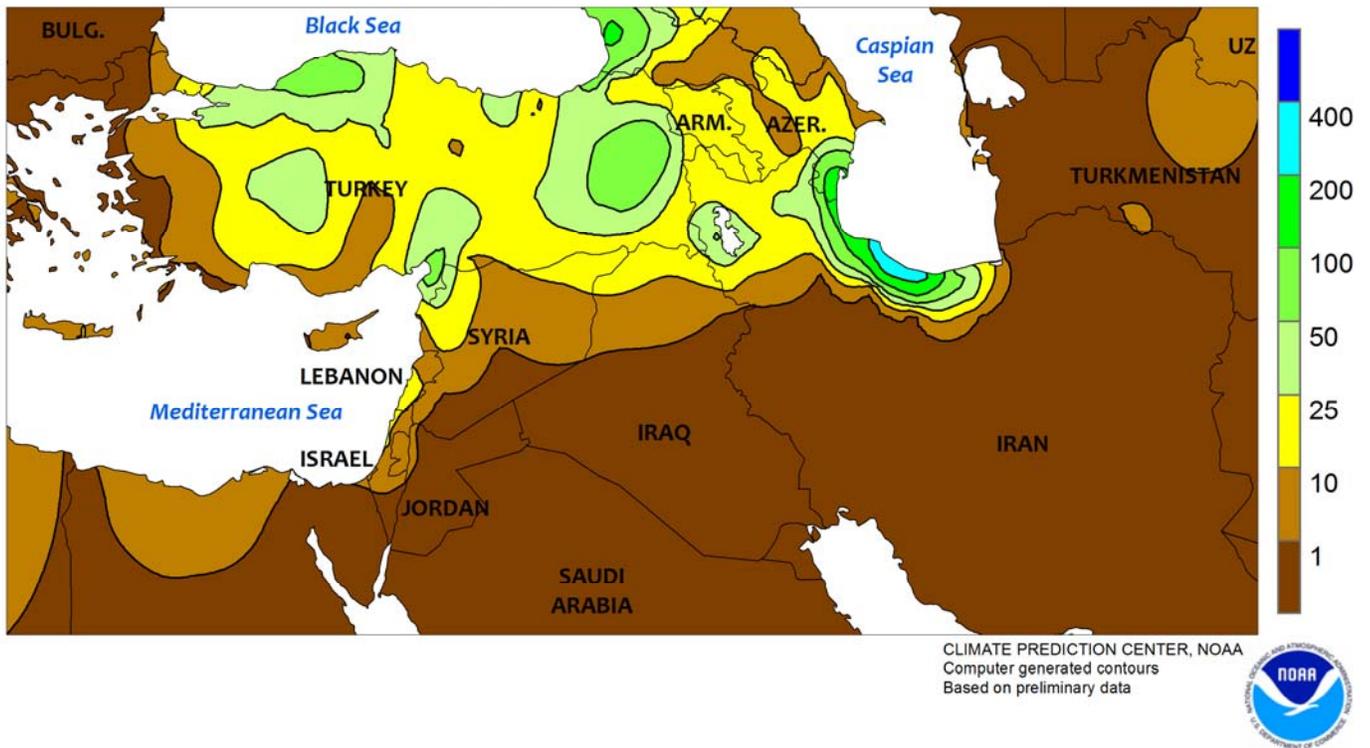


**EASTERN FSU**

Wet weather returned, slowing spring wheat harvesting in the north and cotton harvesting in the south. A stationary upper-air disturbance generated periods of rain and wet snow (10-20 mm) across northern Kazakhstan and neighboring portions of central Russia, slowing the spring wheat harvest. Farther east, locally heavy downpours (25-90 mm) in the Siberia District halted wheat harvest efforts.

Likewise, moderate to heavy showers and thunderstorms (10-60 mm) hampered cotton harvesting in Kyrgyzstan and eastern Uzbekistan. Temperatures averaged up to 3°C below normal in the north, though the ground remained favorably devoid of snow cover. In contrast, late-summer heat (27-32°C) continued from Uzbekistan into southern Kazakhstan.

MIDDLE EAST  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014

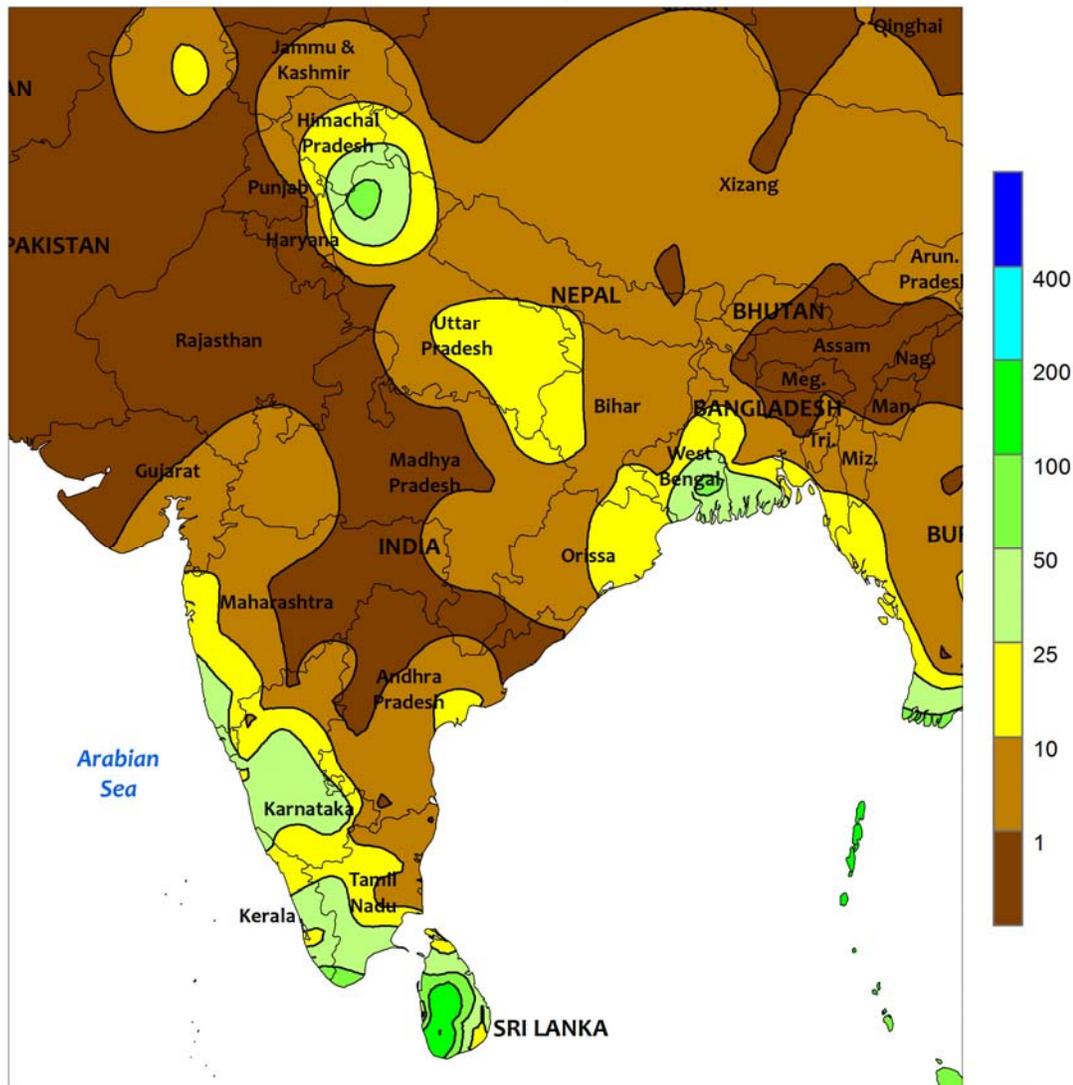


**MIDDLE EAST**

Early-week wetness contrasted with a return of sunny skies during the latter half of the period. A slow-moving storm system generated 10 to 100 mm of rain in Turkey before dissipating. The rain improved irrigation reserves and provided a timely boost to topsoil moisture for winter grain planting. However, the rain also impeded summer crop harvesting, though drier conditions were reported in western-most cotton districts. Rain (10-55 mm) also conditioned soils

for winter crop planting in northwestern Iran, while locally excessive downpours (100-350 mm) along the southern Caspian Sea Coast likely caused localized flooding. By the middle of the week, clearing skies allowed fieldwork to resume in Turkey, with drier weather returning to northern Iran by week's end. Across the remainder of the Middle East, sunny skies and above-normal temperatures promoted summer crop harvesting as well as winter grain planting.

SOUTH ASIA  
 Total Precipitation (mm)  
 SEP 28 - OCT 4, 2014



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

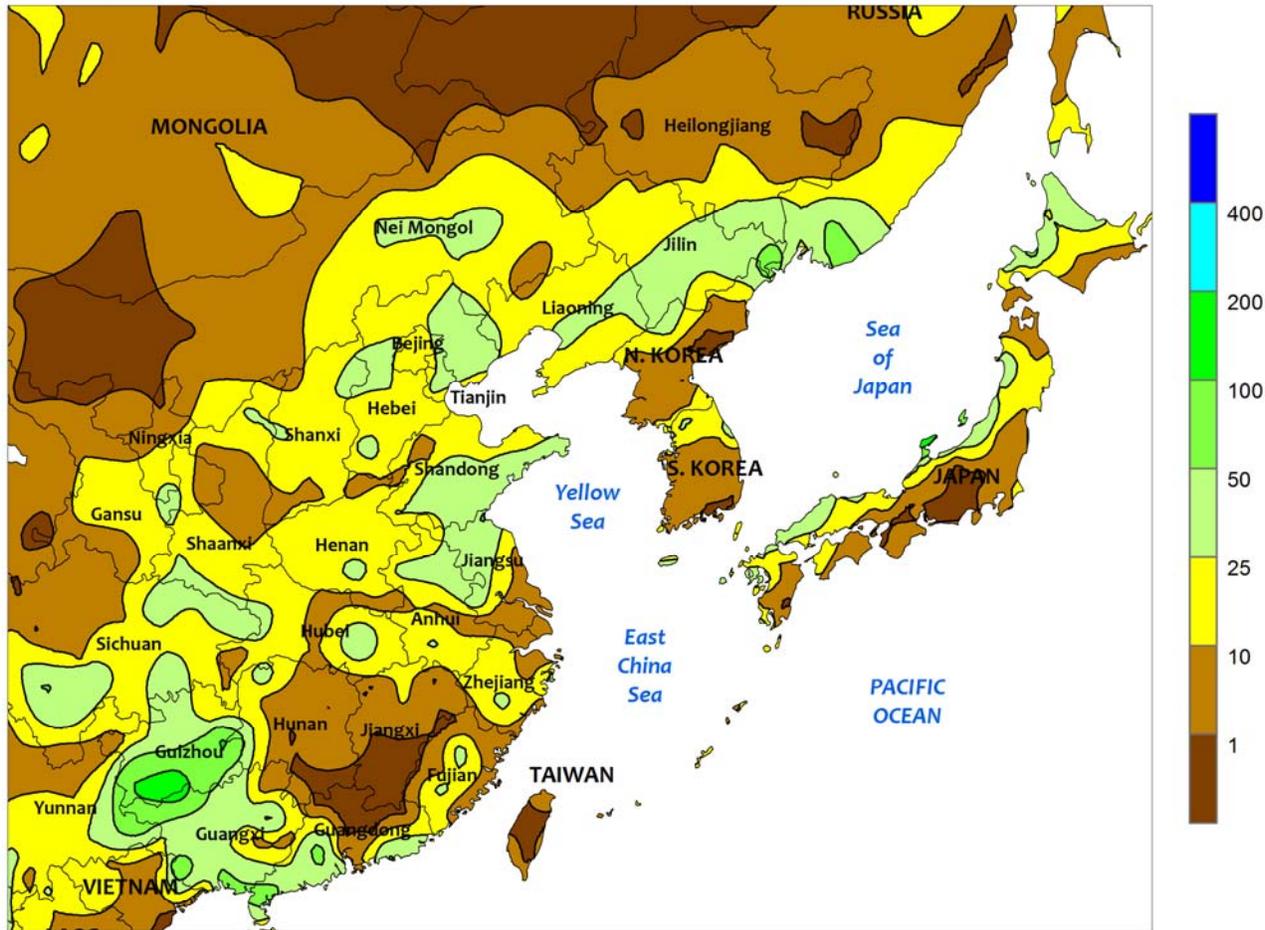


**SOUTH ASIA**

Little if any rainfall occurred in India during the week, indicating the possibility of a more rapid withdrawal of the monsoon than usual. What rainfall did occur was widely scattered and had little benefit to late-developing kharif crops. According to the Indian Meteorological Department, monsoon rainfall through September 30 was 12 percent below the long-

term average. The lackluster monsoon resulted in delayed planting across the country and left many areas with insufficient rainfall for crops, resulting in lowered yield prospects throughout. In other parts of the region, dry weather benefited rice and cotton harvesting in Pakistan, while heavy showers in western Sri Lanka slowed fieldwork.

EASTERN ASIA  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



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

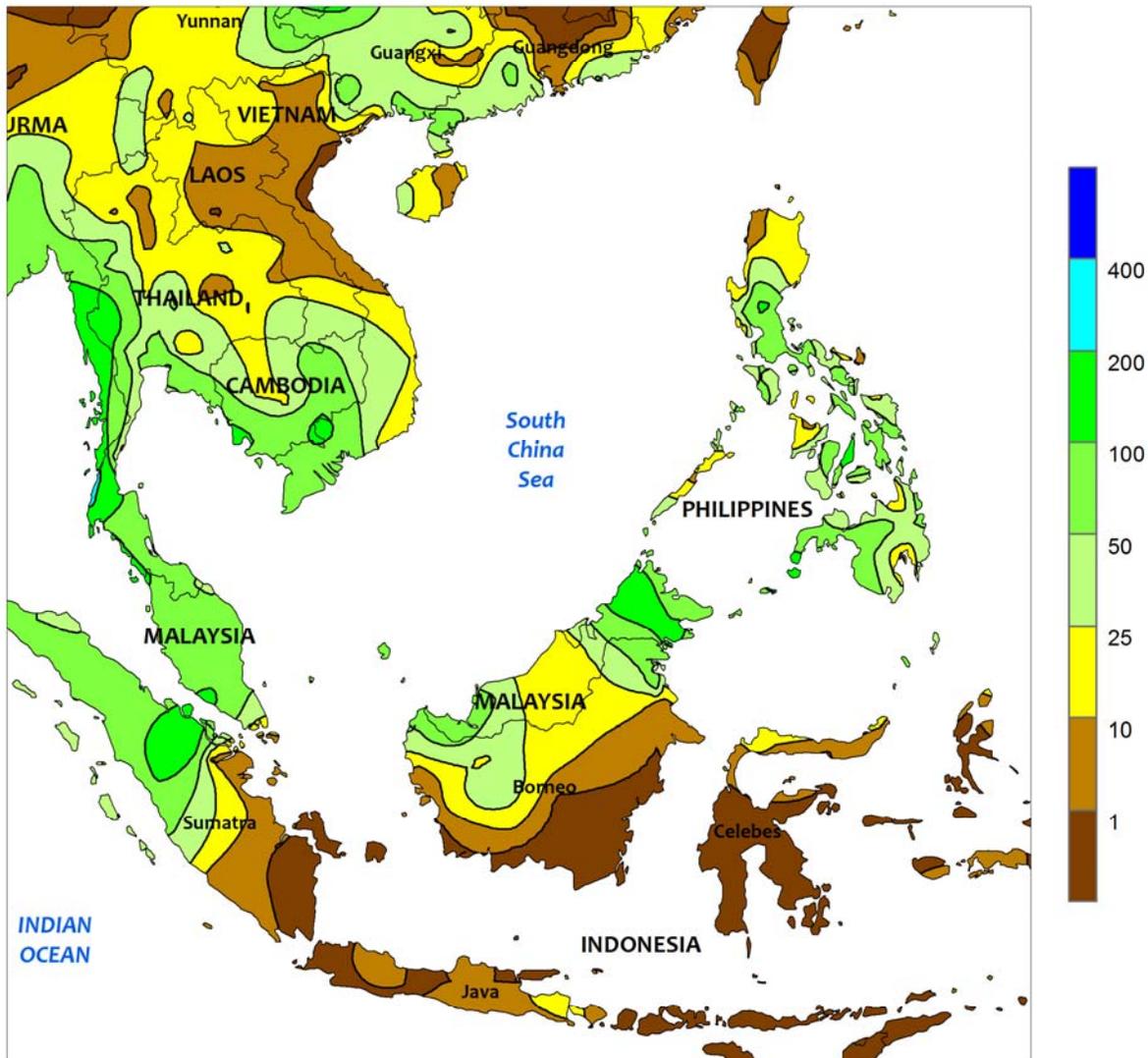


**EASTERN ASIA**

Freezing temperatures expanded into most parts of northeast China, ending the growing season and inducing rapid maturation of corn and soybeans. The freezes were typical for early October, although farmers prefer an extended growing season to boost yields, particularly for corn. Farther south, more unwelcomed wetness (10-25 mm of rain) on the North China Plain threatened to reduce yield prospects of mature summer crops, including cotton. In addition, the showers slowed harvesting, which in turn could delay winter wheat planting later in the month.

Similar conditions existed in the Yangtze Valley, with 25 to 50 mm of rain slowing summer crop harvesting and subsequently winter rapeseed planting. Meanwhile in southern China, rice harvesting was underway, benefited by mostly dry weather, although heavy showers (50-150 mm) caused delays in Guangxi and Guizhou. Elsewhere in the region, Typhoon Phanfone moved up the eastern coast of Japan as of October 6 with winds initially in excess of 70 knots, but the storm was weakening rapidly (*more information will be available in next week's summary*).

SOUTHEAST ASIA  
 Total Precipitation (mm)  
 SEP 28 - OCT 4, 2014



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

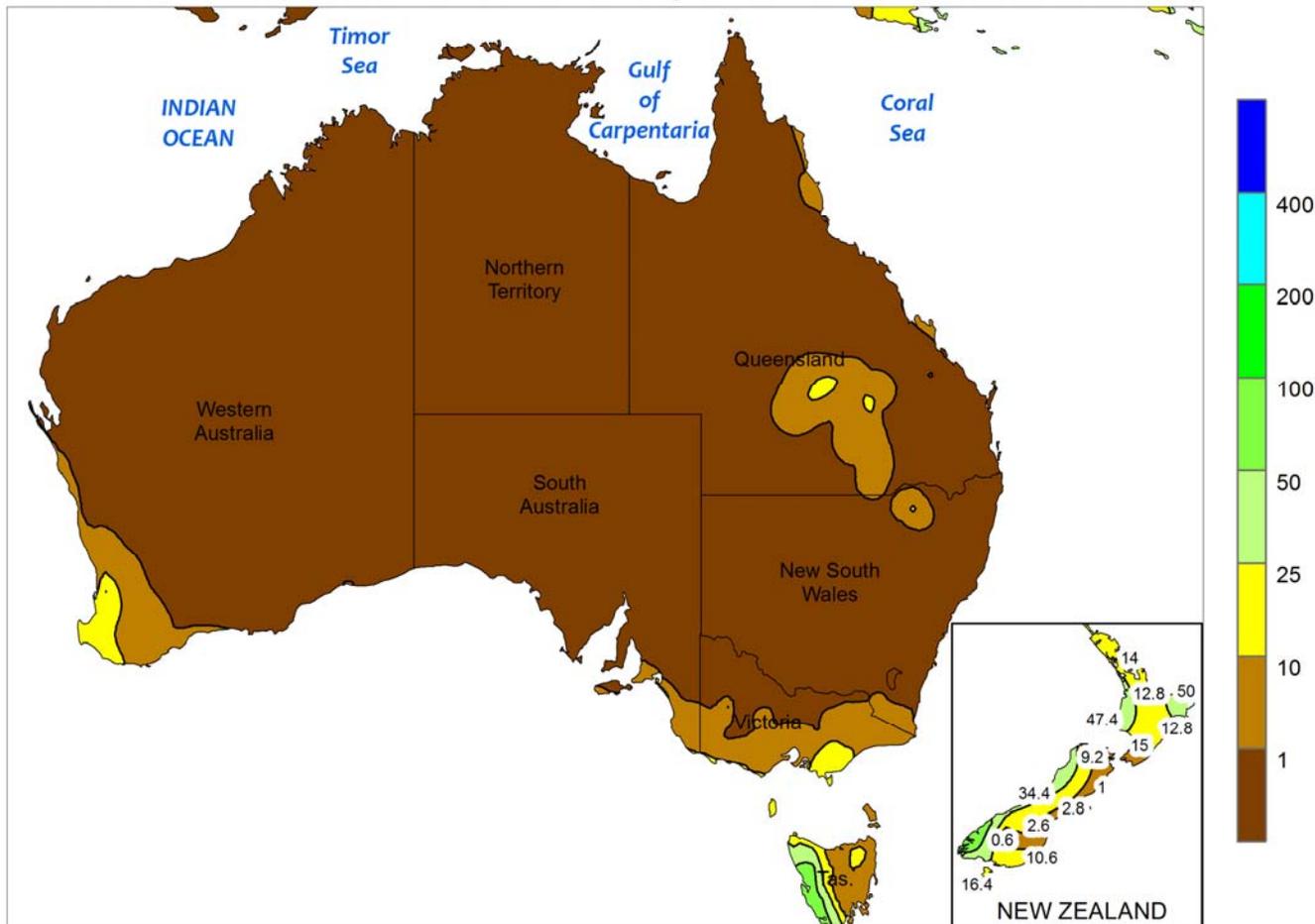


**SOUTHEAST ASIA**

Heavy showers (50-100 mm) continued in the southern portions of the Chao Phraya River Basin of Thailand. The moisture boosted reservoir levels for the upcoming dry-season rice crop but slowed maturation of the current main-season crop. Elsewhere in Thailand, rainfall was generally less than 25 mm for the week and did not impact maturing rice significantly. In Vietnam, mostly dry weather promoted winter rice transplanting and coffee

harvesting. Meanwhile in the Philippines, showers (50-100 mm or more) slowed the start to summer rice and corn harvesting but maintained favorable moisture supplies for crops planted later in the season. To the south, rainfall continued to increase in Malaysia and Indonesia, with 50 to nearly 200 mm in the western portions of the two countries signaling the transition period between the dry season and wet season.

AUSTRALIA  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



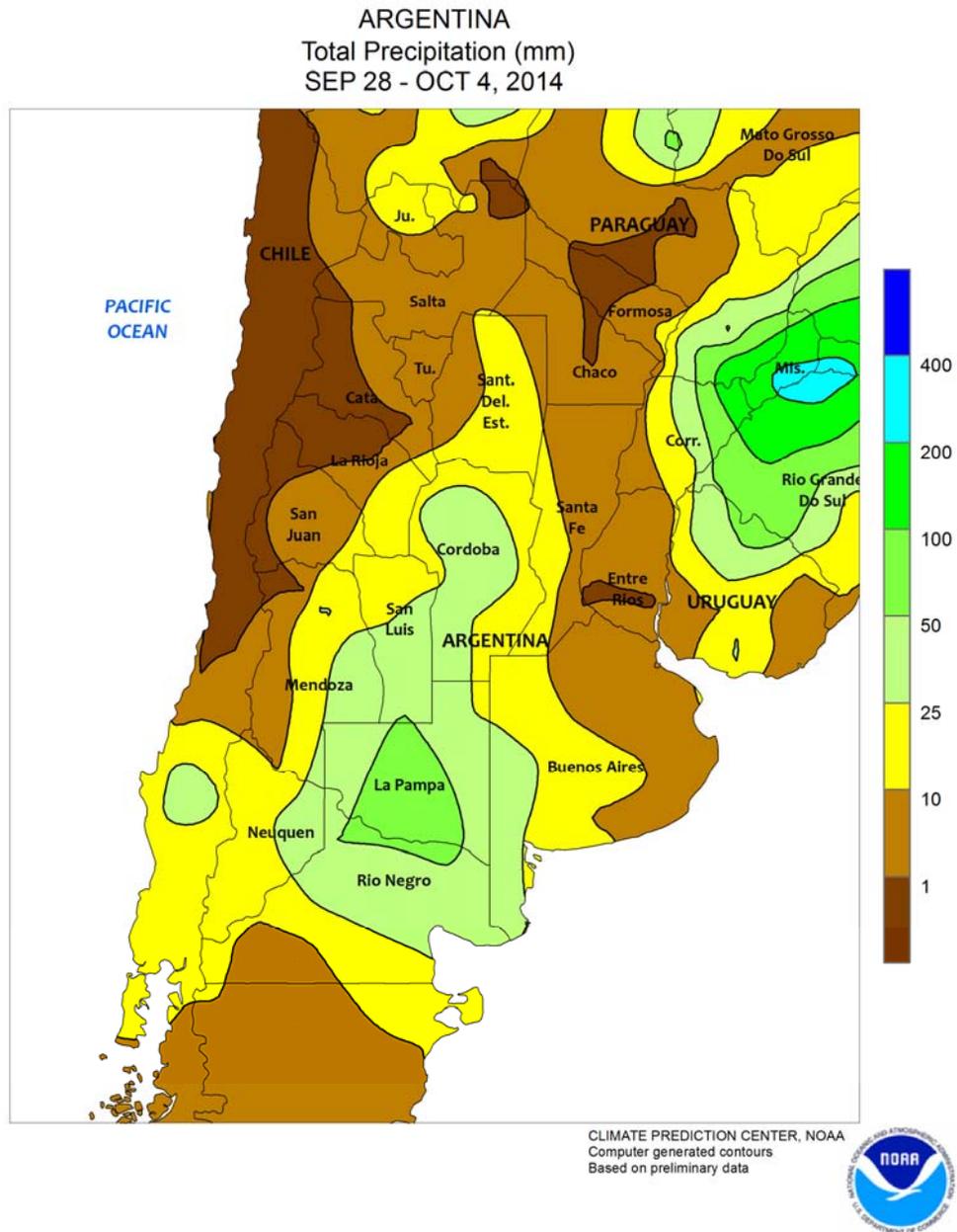
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**AUSTRALIA**

Mostly dry, warmer-than-normal weather overspread much of the wheat belt, accelerating crop development and reducing moisture supplies for immature winter grains and oilseeds. Winter grains were generally in the reproductive to filling stages of development across southern portions of the wheat belt, and thus would benefit from additional rainfall. The rain would be most welcome in southeastern Australia, where persistent dryness has caused a slow but steady decline in crop

prospects. In northern portions of the wheat belt, wheat and other winter crops have begun to mature. Warmer-than-normal weather aided this maturation, with temperatures averaging about 1 to 3°C above normal throughout the wheat belt, and maximum temperatures approaching and locally exceeding 30°C. The very warm, mostly dry weather favored fieldwork in northern New South Wales and southern Queensland, including early winter crop harvesting and summer crop sowing.

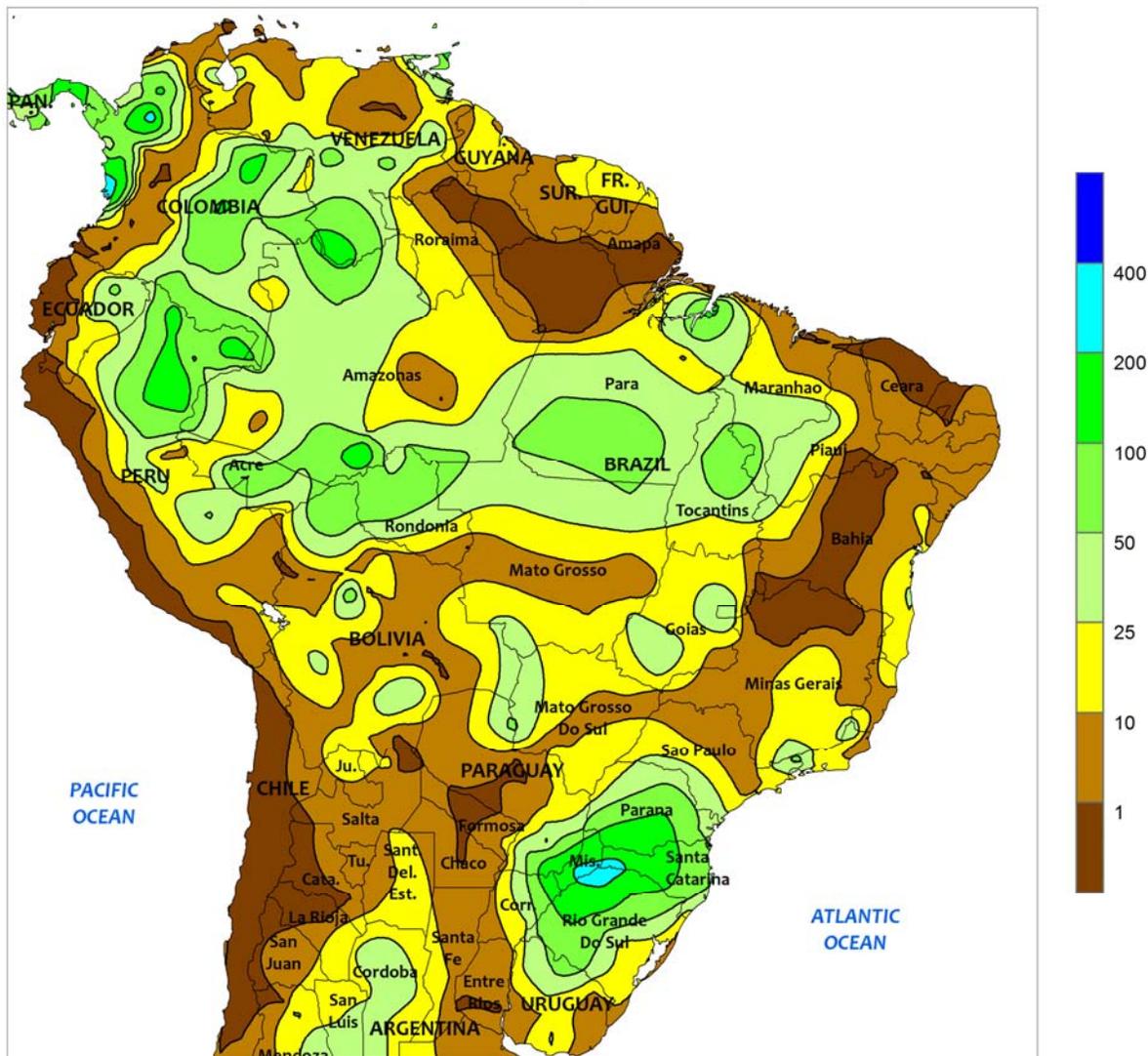


**ARGENTINA**

Beneficial rain developed in the west, increasing moisture for winter grain development and the impending summer growing season. Rainfall totaled more than 25 mm from La Pampa northward through Cordoba, with amounts of 10 mm extending as far east as central sections of Buenos Aires and Santa Fe. In addition, satellite-derived rainfall estimates depicted similar amounts extending northward through Salta. It was the heaviest rainfall thus far from Cordoba northward. Heavy rain (25 to more than 100 mm) also fell in the far northeast (eastern Corrientes and Misiones), outside of major farming areas. In contrast, drier conditions prevailed from eastern Buenos Aires to Chaco, aiding

fieldwork that included early sunflower and corn harvesting. Weekly temperatures averaged near to slightly above normal in central Argentina (La Pampa, Buenos Aires, and nearby sections of Cordoba, Santa Fe, and Entre Rios), with daytime highs ranging from the lower 20s (degrees C) in southern-most production areas to the upper 20s farther north. Frosty weather lingered in southern Buenos Aires. Farther north, weekly temperatures averaged up to 5°C above normal, with highs approaching 40°C in Salta and Formosa. According to Argentina’s Ministry of Agriculture, sunflowers were 22 percent planted as of October 2 compared with 15 percent last year.

BRAZIL  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



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

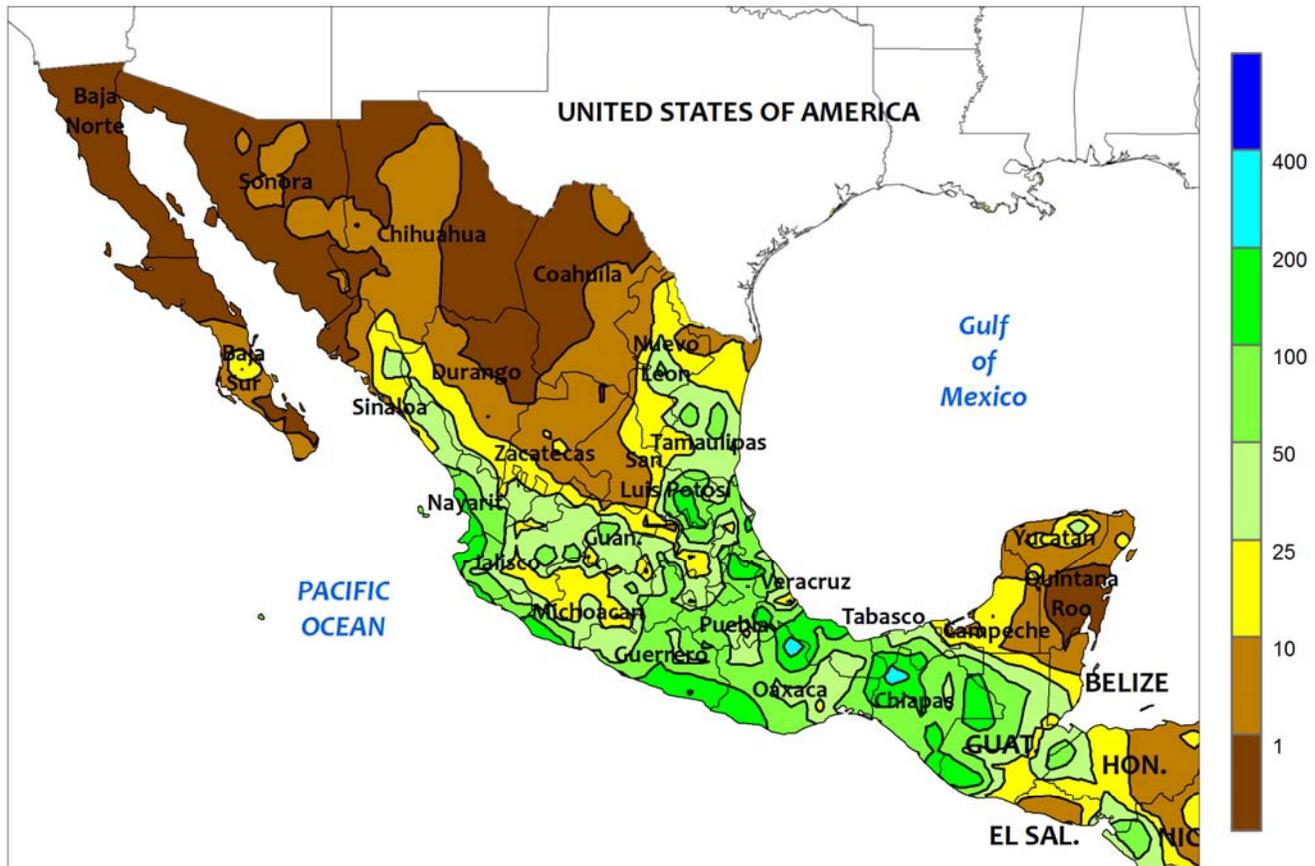


**BRAZIL**

Unseasonably heavy rain persisted in the main southern wheat areas, maintaining unfavorable conditions for maturing wheat. Rainfall totaled more than 100 mm from southern Parana to northern Rio Grande do Sul, with amounts totaling 25 mm as far north as Sao Paulo. According to government reports, wheat was 47 percent harvested in Parana as of September 29; in addition, the remaining wheat was 49 percent mature, making the moisture especially untimely. Farther north, light to moderate rain (10-50 mm) boosted topsoil moisture for germination of soybeans and other main-

season summer crops in the Center-West and northeastern interior (Mato Grosso and Goias northeastward through Tocantins). However, above-normal temperatures (weekly temperatures averaging 2-4°C above normal with daytime highs approaching 40°C) maintained high evaporative losses. Drier conditions prevailed elsewhere, including sugarcane and coffee areas of Sao Paulo and Minas Gerais. Additional rain is needed for flowering coffee. Seasonable dryness intensified along the northeastern coast, fostering harvesting of sugarcane and cocoa.

MEXICO  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



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

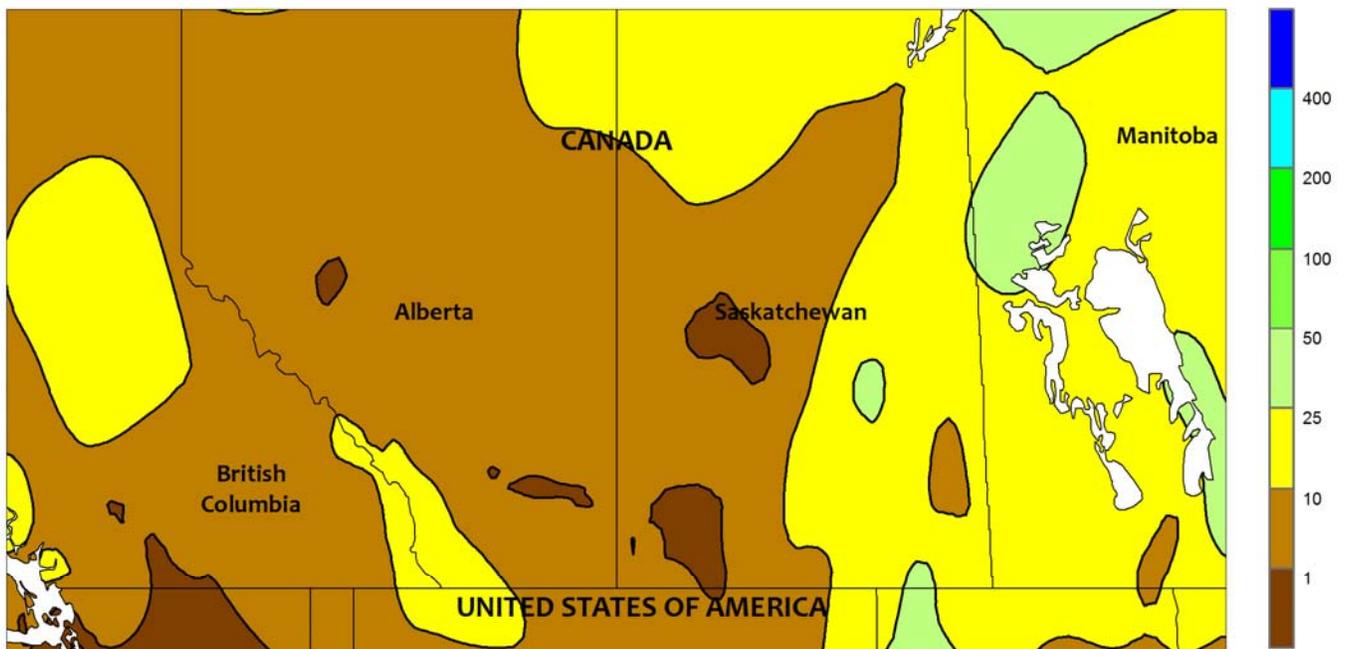


**MEXICO**

Rain intensified across the south, giving a late-season boost to reservoir levels but coming too late for most summer row crops. The surge in moisture came with the formation of Hurricane Simon off the southwest coast; as a result, rainfall totaled more than 50 mm over a broad area stretching from the southwestern Pacific Coast (Jalisco to Oaxaca) northeastward to Tamaulipas, including much of the southern plateau corn belt. The moisture was welcome in sugarcane areas of Veracruz but was of little benefit to corn and other maturing

summer crops. Tropical showers (locally exceeding 50 mm) were also recorded in parts of the southeast, although rain diminished over the Yucatan Peninsula. In contrast, seasonably drier conditions dominated northwestern watersheds, signaling an end to the monsoon season. At week's end, however, Hurricane Simon was approaching Baja California, generating scattered showers over Sonora and parts of Sinaloa and Chihuahua (*additional information will appear in next week's Weekly Weather and Crop Bulletin*).

CANADIAN PRAIRIES  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



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

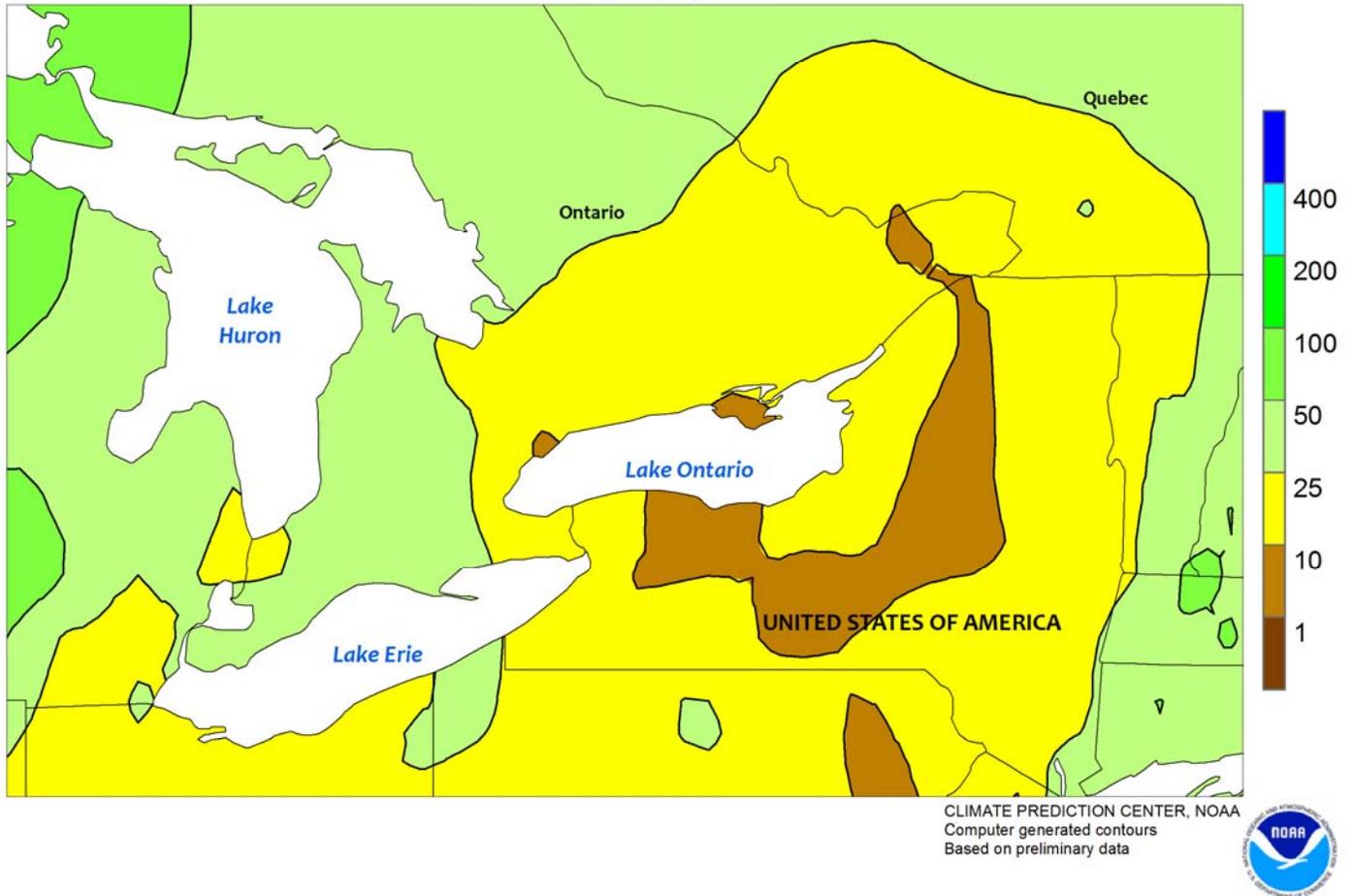


**CANADIAN PRAIRIES**

Cool, damp weather hampered spring grain and oilseed harvesting, following several weeks of favorable weather. The wettest conditions occurred in the east, with portions of eastern Saskatchewan and Manitoba recording more than 25 mm. Rainfall was generally lighter in the west, though a few locations in Alberta and western Saskatchewan reported more than 10 mm. Weekly

temperatures averaged 1 to 3°C below normal, with nighttime freezes (lows from -9 to -1°C) common. However, most of the precipitation fell as rain. Daytime highs were generally capped in the middle and upper 10s (degrees C), with notably colder conditions (highs failing to reach 5°C in spots) moving into the Prairies during the latter half of the week.

SOUTHEASTERN CANADA  
Total Precipitation (mm)  
SEP 28 - OCT 4, 2014



**SOUTHEASTERN CANADA**

Near- to above-normal temperatures favored early winter wheat growth and late-season development of corn and soybeans. Weekly average temperatures were 3 to 4°C above normal; daytime highs reached the lower and middle 20s (degrees C) on several days, but cooler

weather (highs in the lower and middle 10s) developed at week's end. Several periods of heavy rain (weekly accumulations of 10-40 mm) disrupted fieldwork, including the late stages of winter wheat planting and harvesting of corn and soybeans.

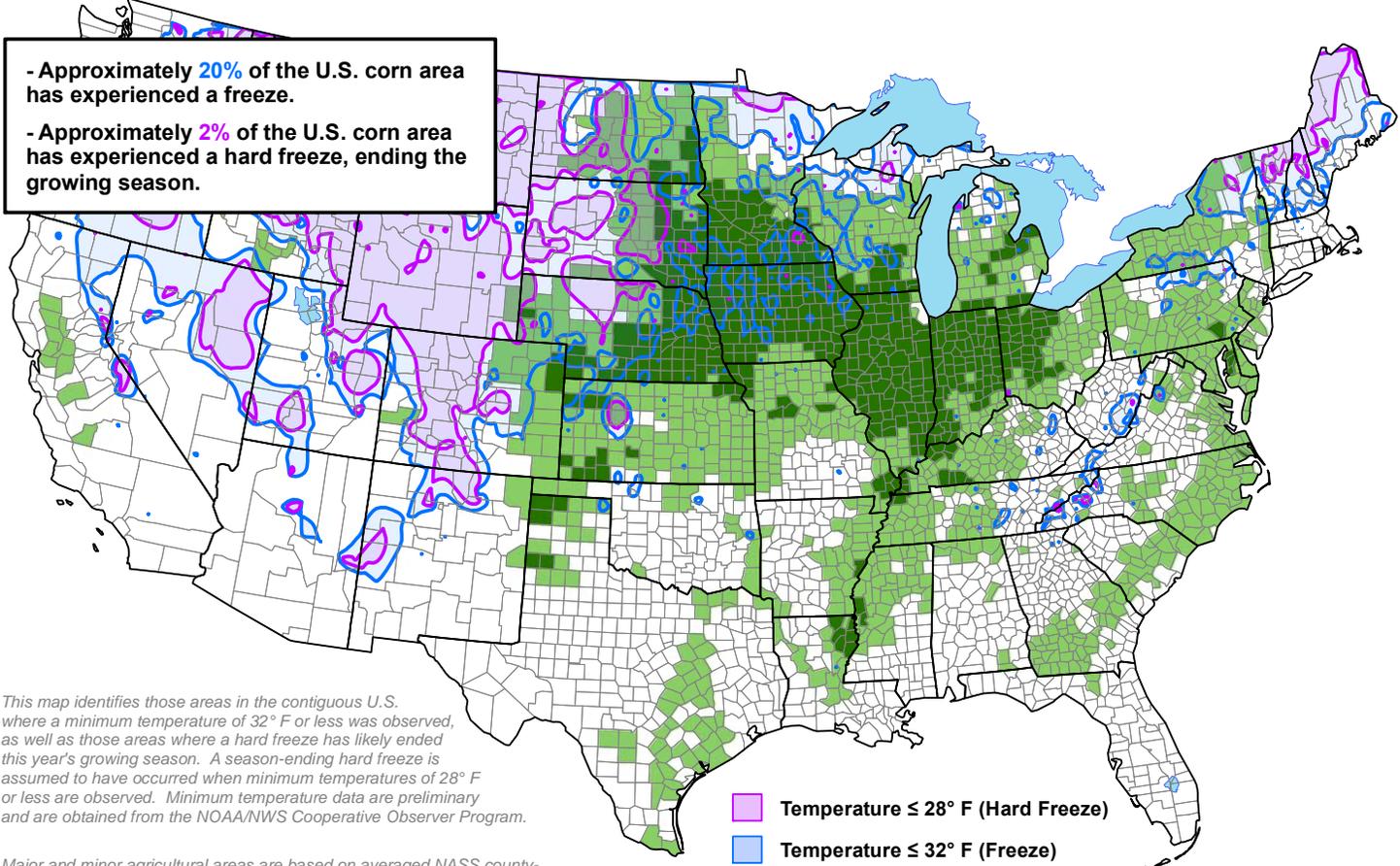


United States  
Department of  
Agriculture

# Monitoring the End of the 2014 Growing Season

September 1 - October 5, 2014

- Approximately **20%** of the U.S. corn area has experienced a freeze.  
- Approximately **2%** of the U.S. corn area has experienced a hard freeze, ending the growing season.



This map identifies those areas in the contiguous U.S. where a minimum temperature of 32° F or less was observed, as well as those areas where a hard freeze has likely ended this year's growing season. A season-ending hard freeze is assumed to have occurred when minimum temperatures of 28° F or less are observed. Minimum temperature data are preliminary and are obtained from the NOAA/NWS Cooperative Observer Program.

Major and minor agricultural areas are based on averaged NASS county-level crop production data from 2006 to 2010. The counties that combine to form the major agricultural areas are, on average, responsible for 75% of the total national production annually. Similarly, the counties that comprise the major and minor areas combined are, on average, responsible for 99% of the total national production annually.

- Temperature ≤ 28° F (Hard Freeze)
- Temperature ≤ 32° F (Freeze)
- Major Corn Area
- Minor Corn Area

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