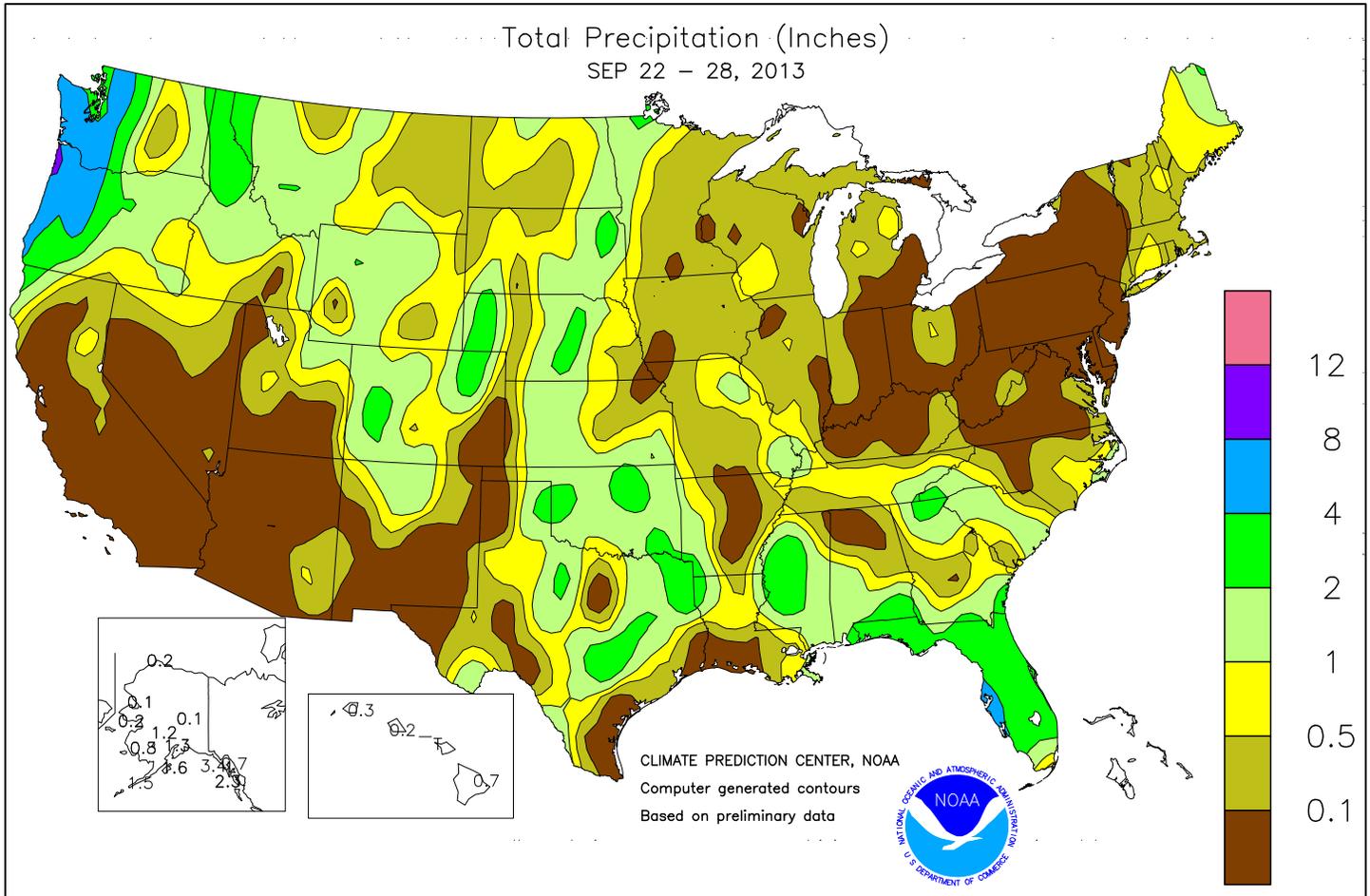


# WEEKLY WEATHER AND CROP BULLETIN



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 22 - 28, 2013

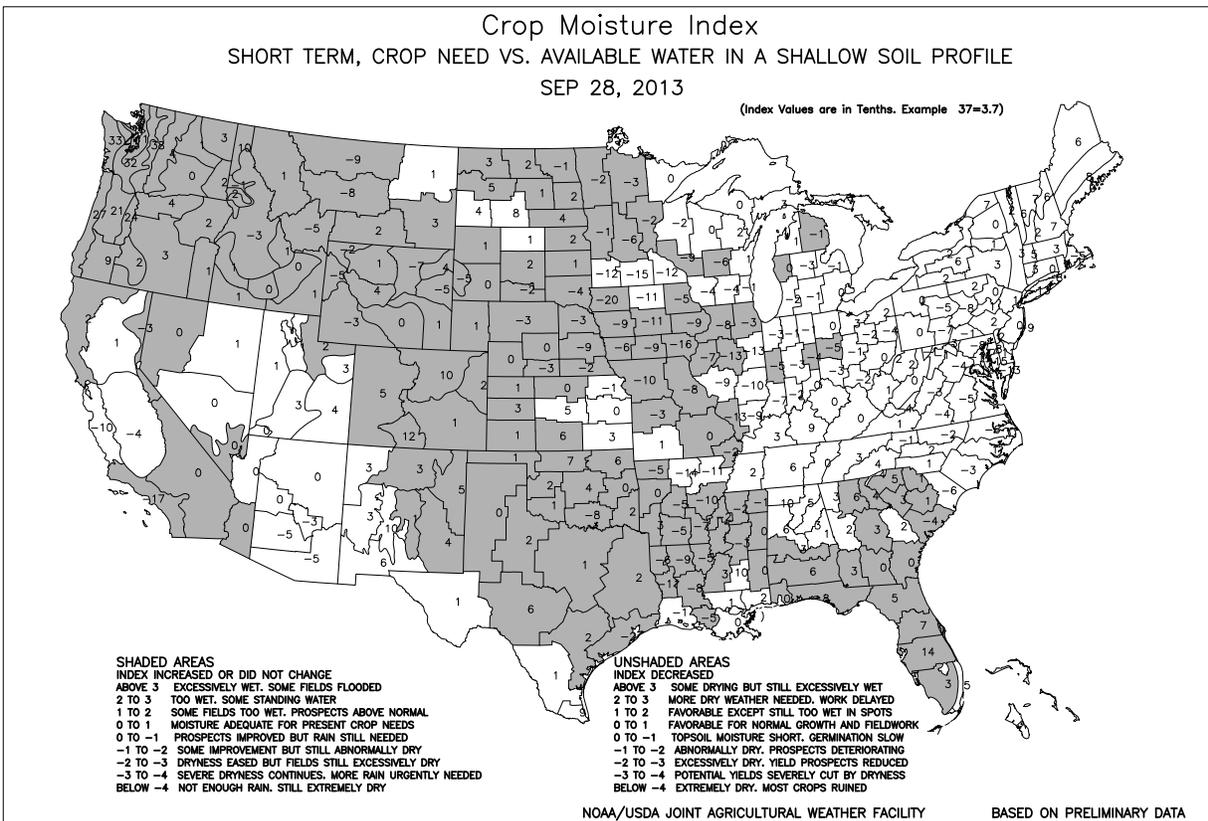
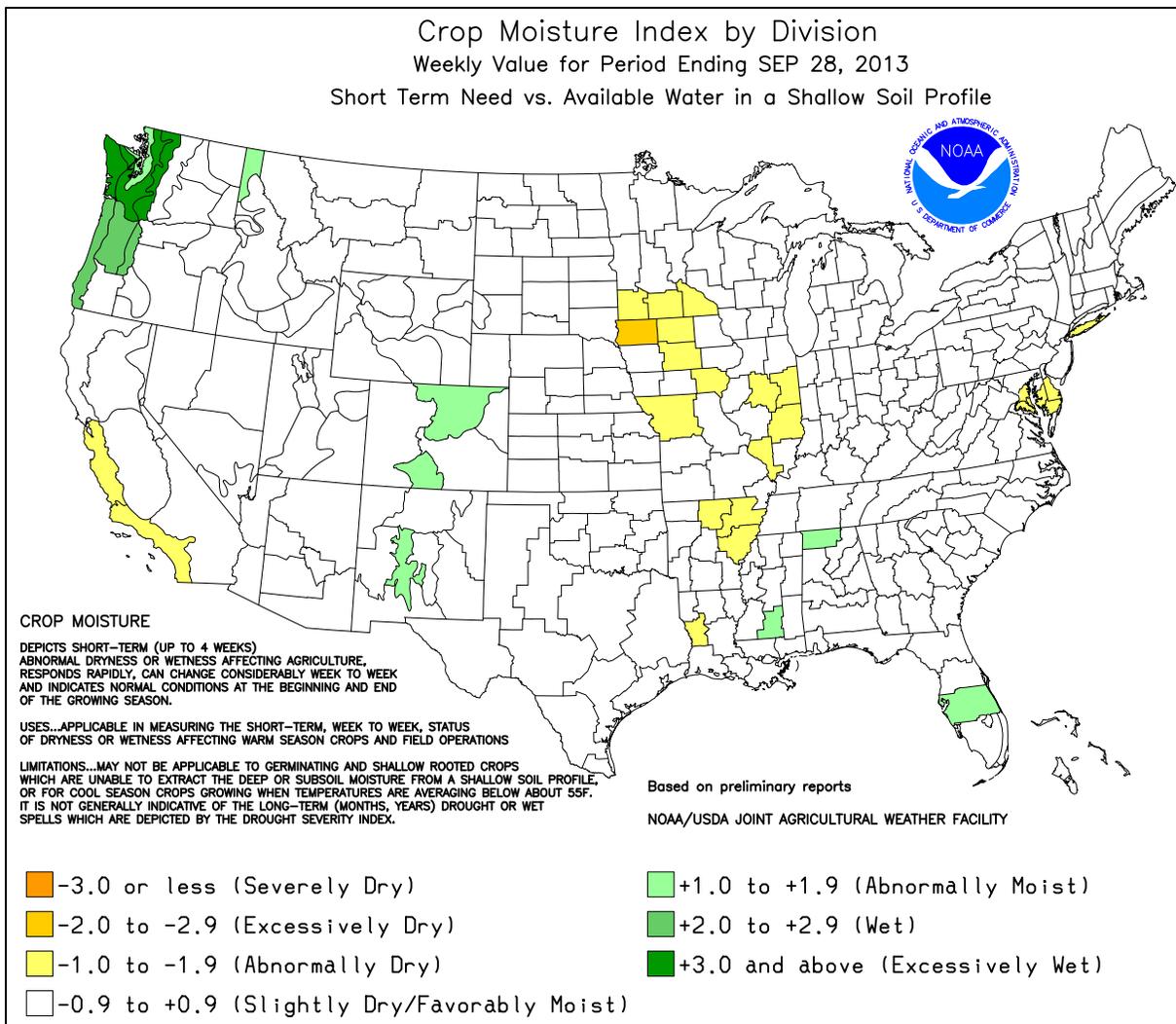
Highlights provided by USDA/WAOB

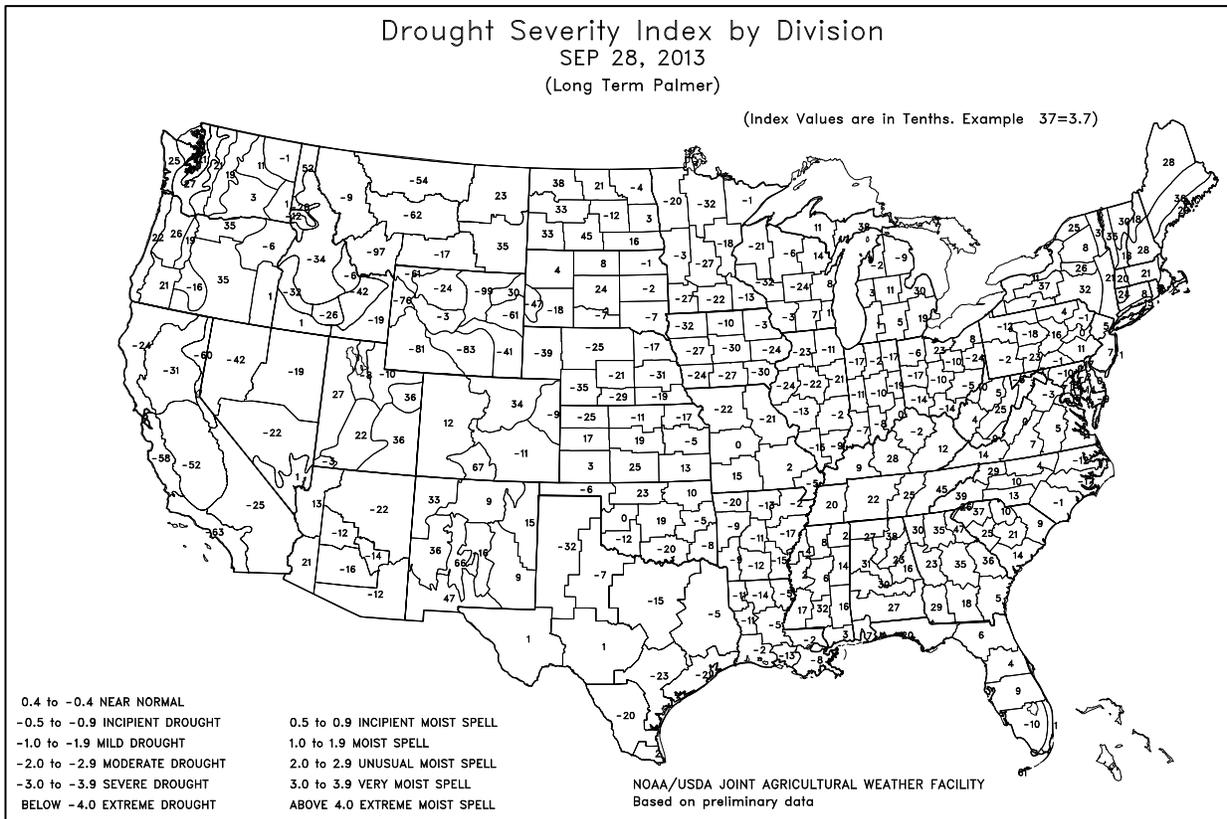
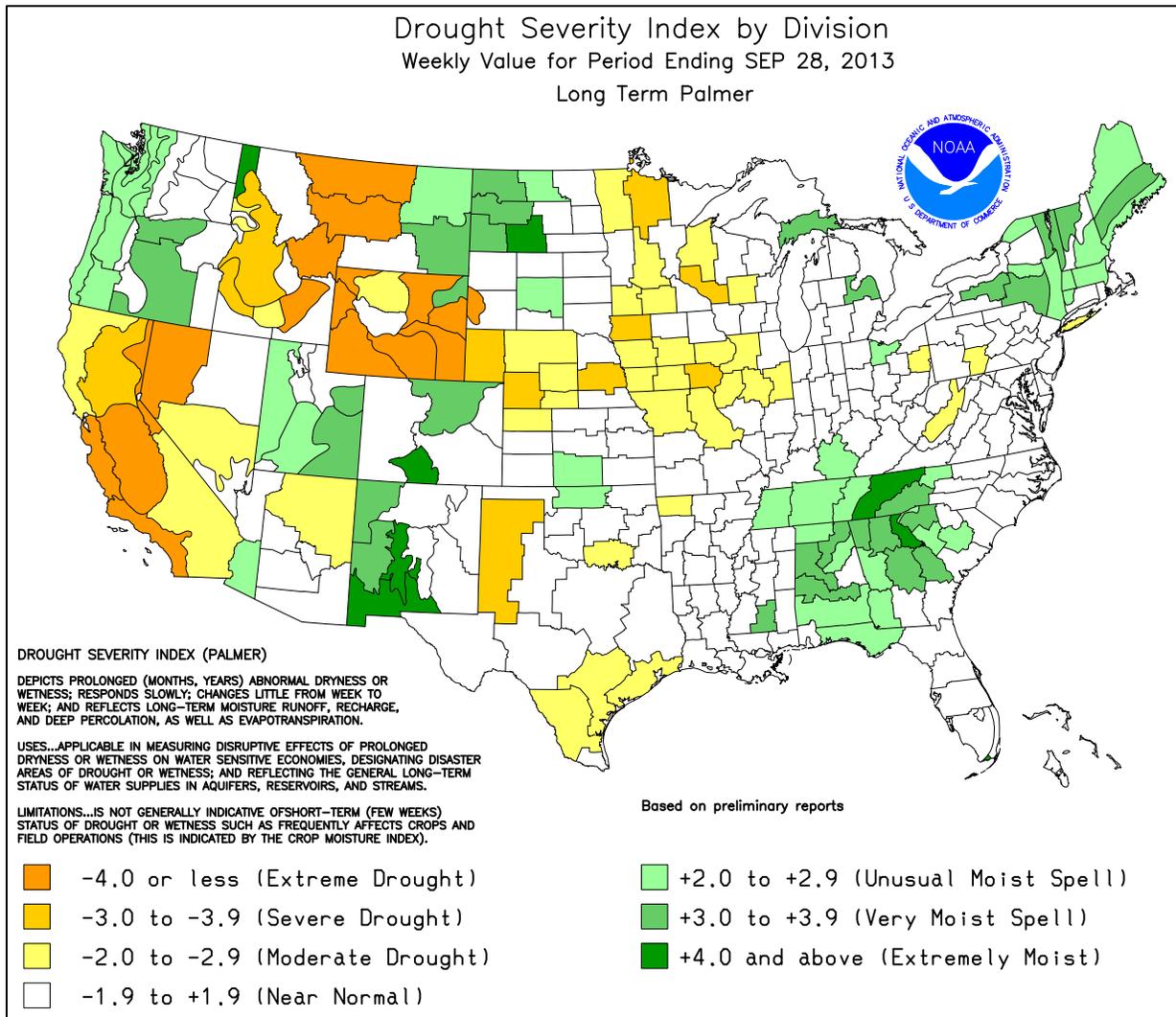
Mild, dry weather for much of the week allowed late-planted **Midwestern** corn and soybeans to move closer to maturity, reducing the likelihood that frost could pose a significant threat. Late in the week, however, rain began to overspread some westernmost production areas. More substantial late-week rain fell across the **nation's mid-section**, slowing or halting fieldwork but providing beneficial moisture for newly planted winter wheat. Some of the **Plains'** heaviest rain fell across parts of **Oklahoma** and **Texas**, as well as a narrow band stretching from

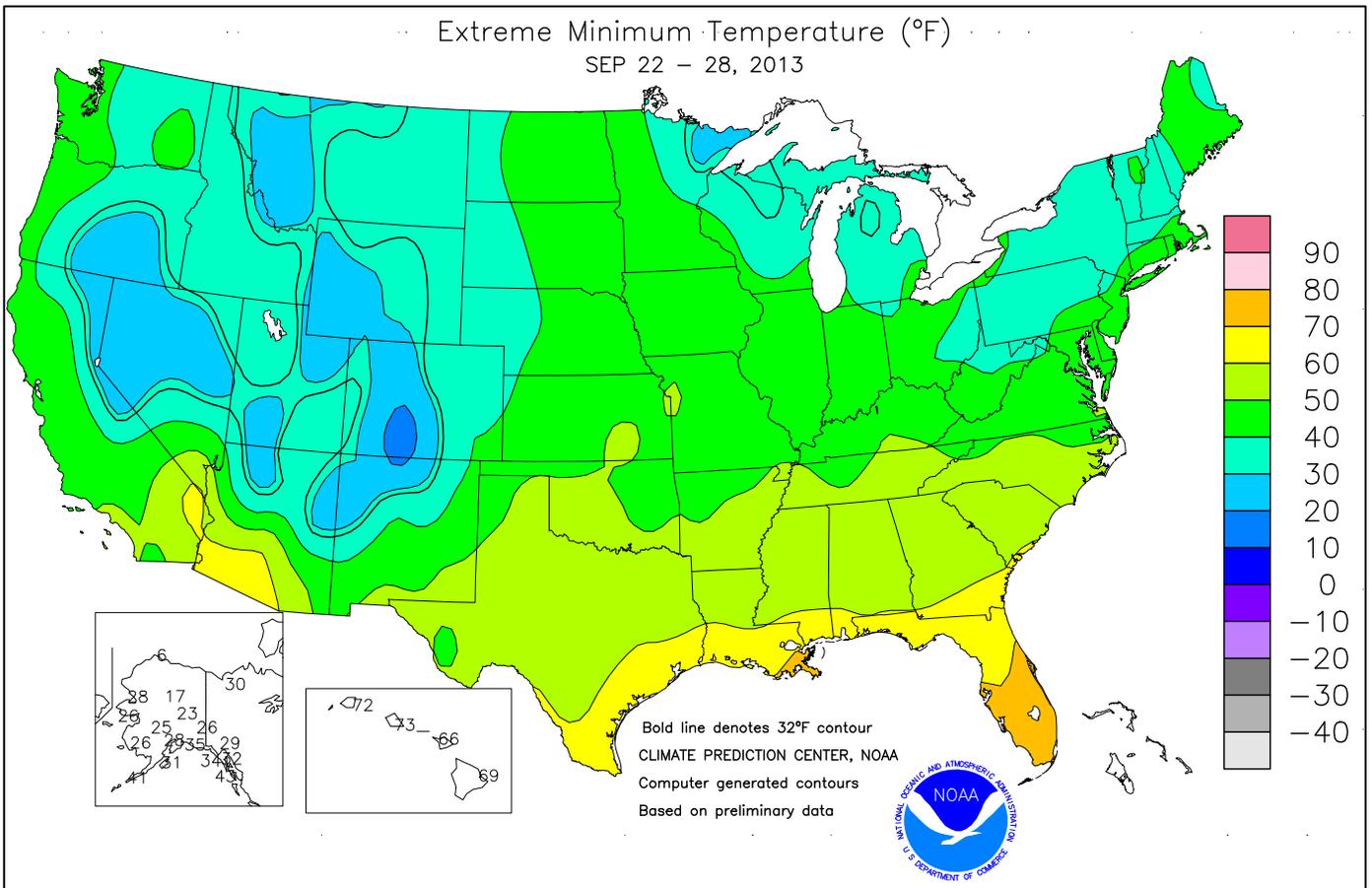
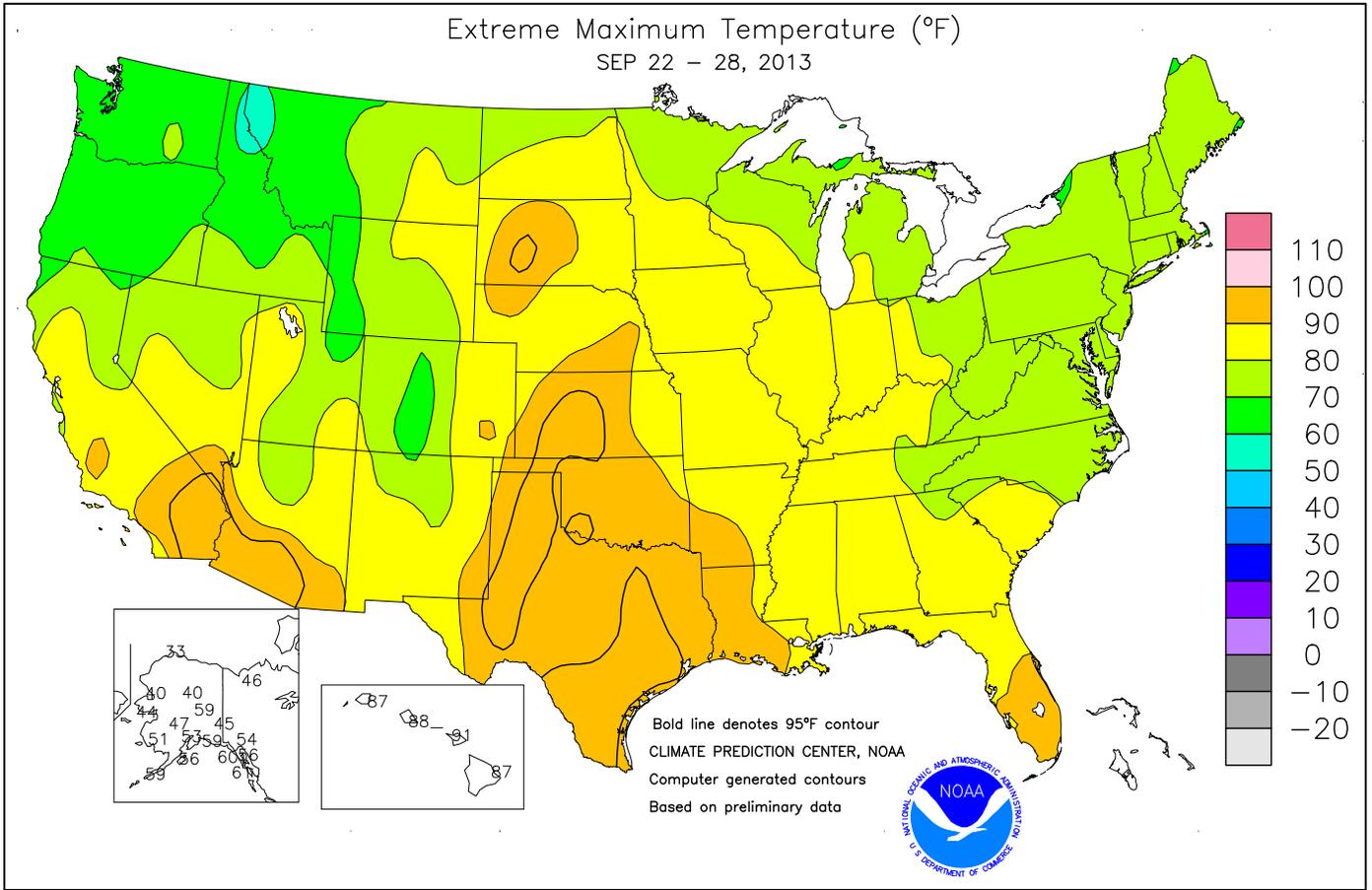
(Continued on page 5)

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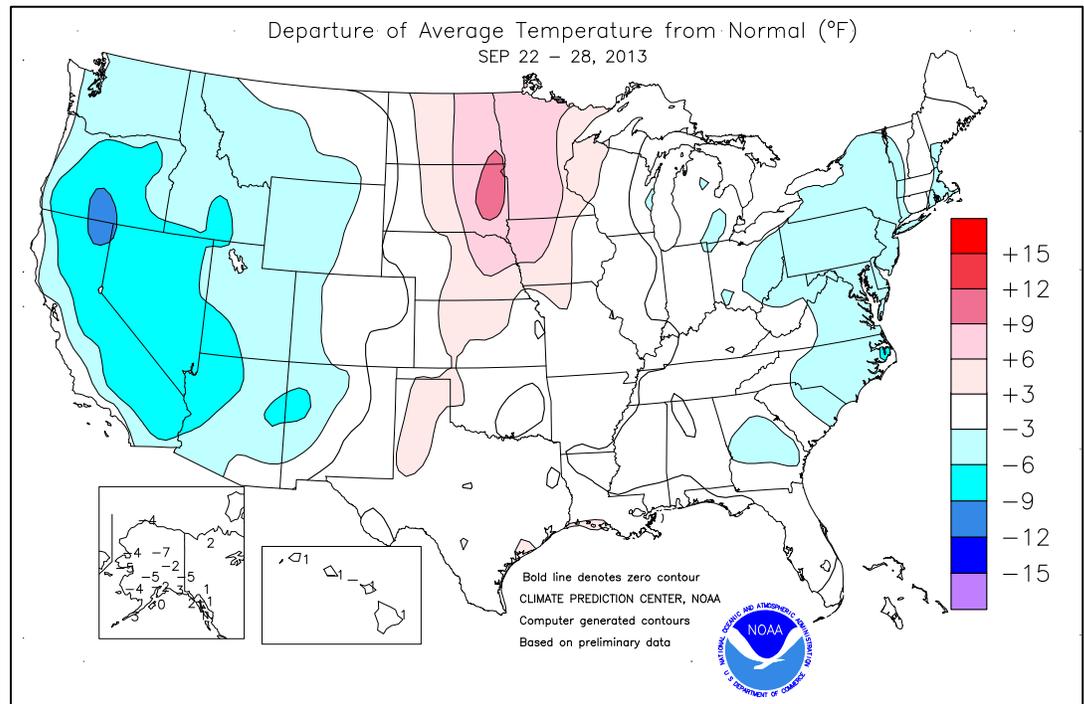
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(Continued from front cover) **central Nebraska into the eastern Dakotas.** Wet weather also dominated the **Northwest**, with early-season snow blanketing the **northern Rockies.** Precipitation was especially heavy **west of the Cascades**, where rainfall totaled 4 inches or more. Across the **interior Northwest**, showers slowed fieldwork but benefited recently planted winter wheat. Elsewhere, scattered showers dotted the **South**, but mostly dry weather prevailed in the **Southwest** and the **Northeast.** **Southern** rainfall was especially heavy early in the week across **Florida.**

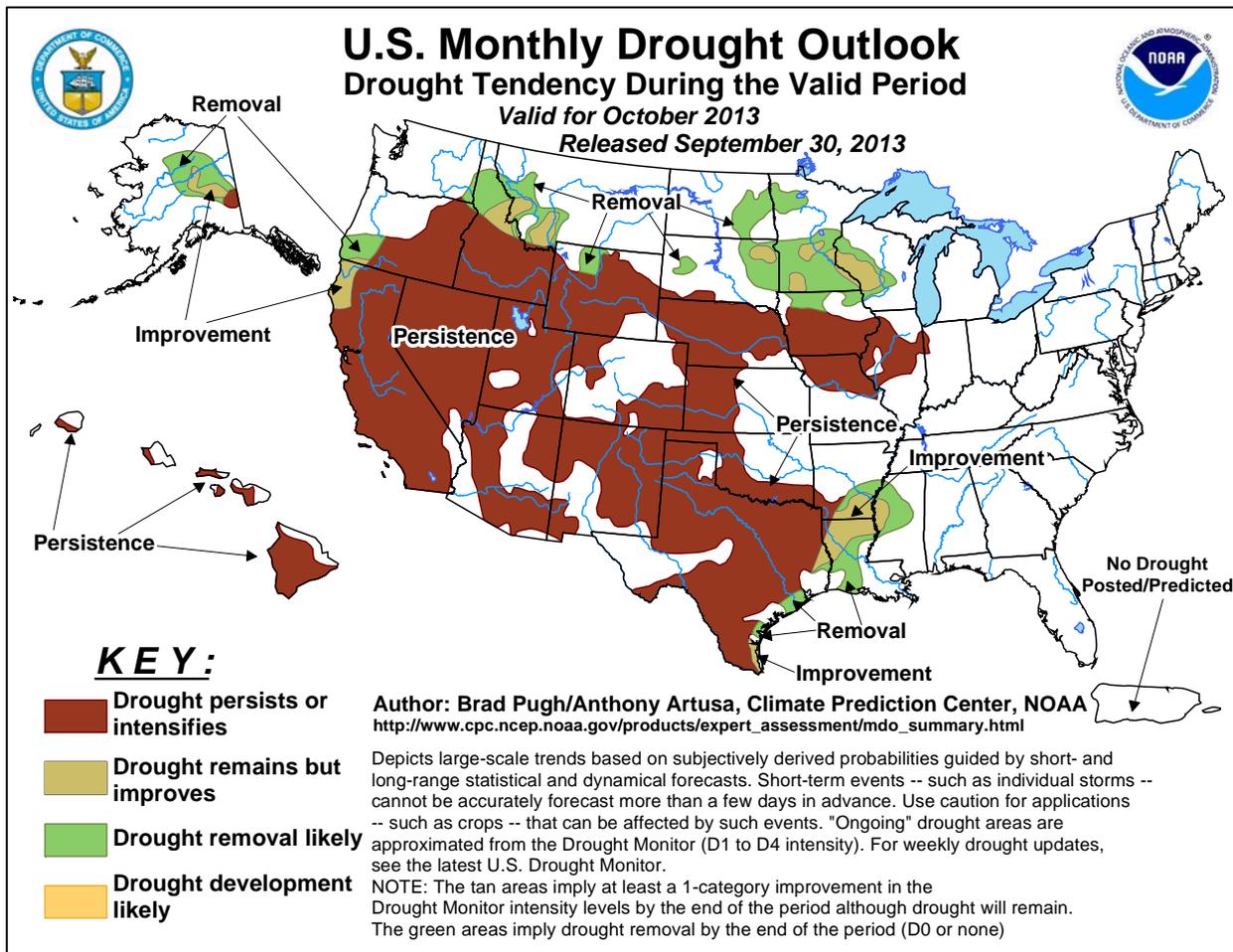
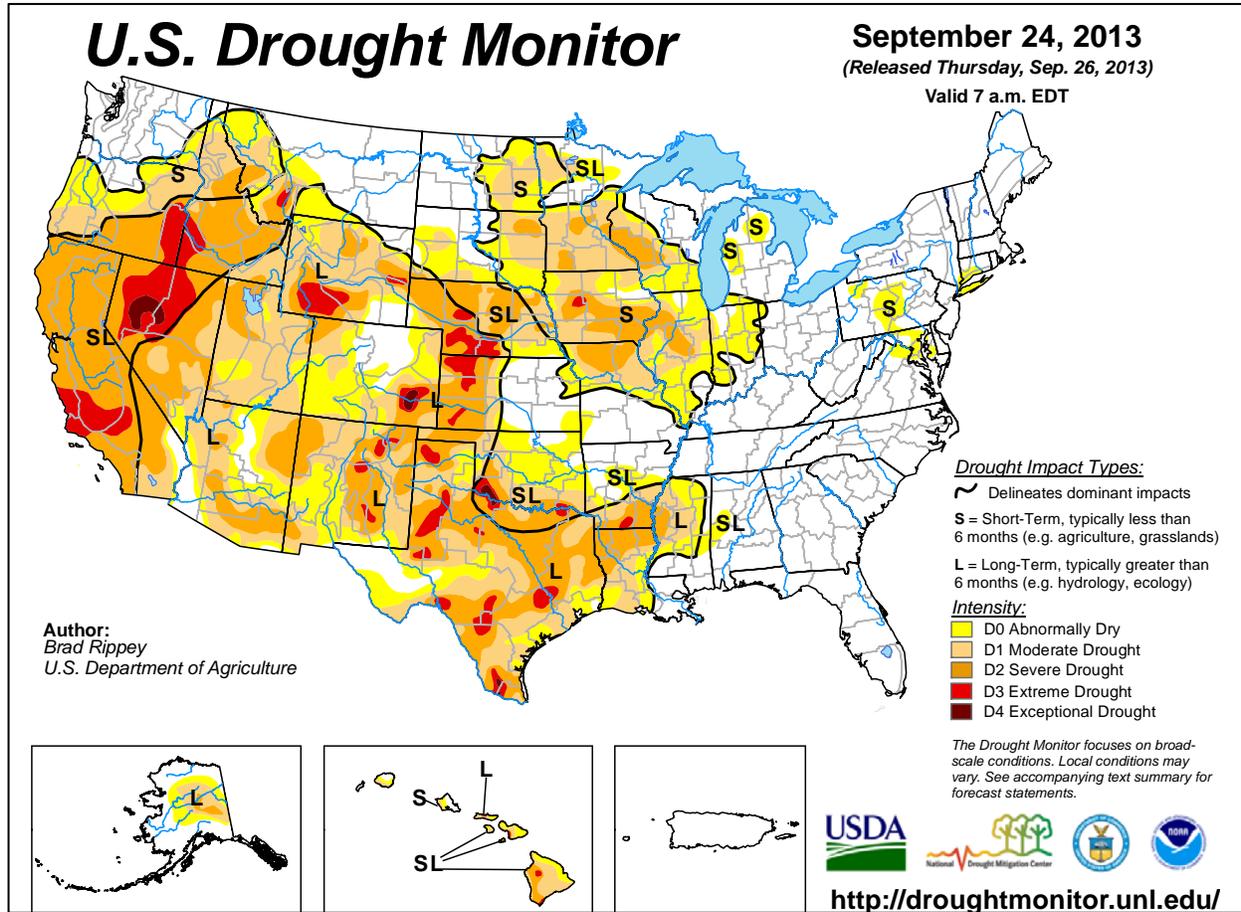


**Fort Myers, FL**, received consecutive daily-record rainfall amounts on September 23-24, totaling 5.70 inches. Elsewhere in **Florida**, **Sarasota-Bradenton** netted 6.90 inches from September 23-25, including a daily-record sum of 3.00 inches on the 23<sup>rd</sup>. Farther west, separate areas of heavy precipitation affected the **Pacific Northwest** and portions of the **nation's mid-section.** On September 22, daily-record rainfall totals included 2.04 inches in **Hoquiam, WA**, and 1.06 inches in **Alamosa, CO.** The following day in **Nebraska**, record-setting totals for September 23 reached 2.28 inches in **Sidney** and 1.62 inches in **Chadron.** By September 24, heavy rain shifted into parts of the **South.** In **Mississippi**, for example, record-breaking amounts for the 24<sup>th</sup> climbed to 3.95 inches in **Greenwood** and 2.03 inches in **Vicksburg.** During the mid- to late-week period, an early-season snow storm unfolded across the **northern Rockies** and neighboring areas, with some high-elevation observation sites reporting more than a foot. In **Wyoming**, official snowfall totals on September 26-27 included 7.3 inches in **Riverton**, 4.8 inches in **Casper**, and 4.1 inches in **Lander.** During the 2-day period, **Lander's** liquid equivalent (rain and melted snow) totaled 1.56 inches. Meanwhile, another round of heavy rain soaked parts of the **northern Plains**, with daily-record totals for September 27 established in **Broken Bow, NE** (1.43 inches), and **Watertown, SD** (1.07 inches). At week's end, torrential rain pushed into the **Pacific Northwest**, setting records for September 28 in locations such as **Astoria, OR** (3.56 inches), and **Olympia, WA** (2.93 inches). **Astoria** also set records for its wettest September day (previously, 2.67 inches on September 16, 1997) and wettest 2- and 3-day periods in September. **Astoria's** rainfall totaled 5.97 inches on September 28-29 (previously, 3.46 inches on September 3-4, 1913) and 6.96 inches from September 27-29 (previously, 4.31 inches from September 2-4, 1913). Late-week rain also developed in the **south-central**

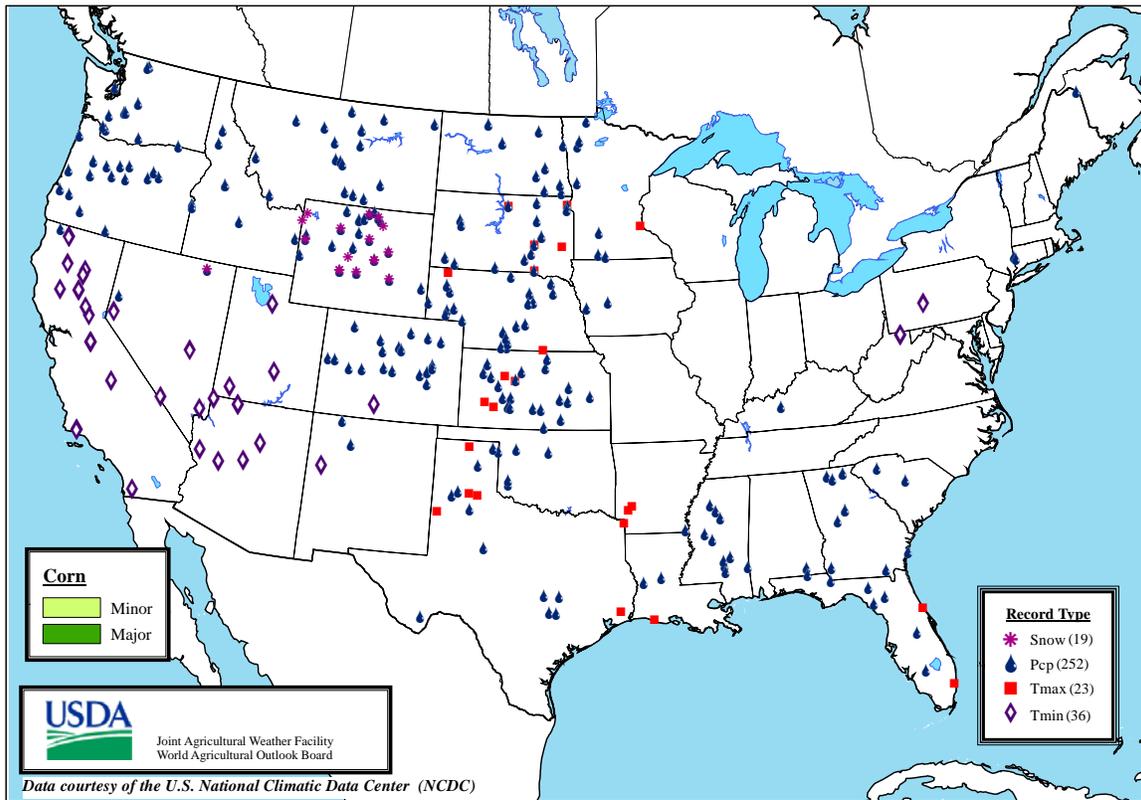
**U.S.**, where daily-record totals for September 28 reached 1.89 inches in **Texarkana, AR**, and 1.21 inches in **Laredo, TX.**

Cool air accompanied the **Northwestern** storminess, resulting in several daily-record lows. **Stockton, CA**, opened the week with a daily-record low of 49°F on September 22. Later, record-breaking lows for September 26 included 28°F in **Klamath Falls, OR**, and 42°F in **Eureka, CA.** The week ended on a chilly note in the **Southwest**, where daily-record lows for September 28 dipped to 20°F in **Springerville, AZ**, and 24°F in **Cedar City, UT.** In contrast, warmth dominated the **Deep South** and later spread to parts of the **Plains** and **Midwest.** In the **Gulf Coast States**, daily-record highs for September 24 included 95°F in **Houston, TX**, and 92°F in **Miami, FL.** Elsewhere in **Florida**, **Melbourne** (93°F) collected daily-record high for September 26. Meanwhile on the **Plains**, highs soared to daily-record levels on September 26 in **Garden City, KS**, and **Borger, TX** (both 97°F). **Mason City, IA**, reached 86°F on September 27, tying a record for the date.

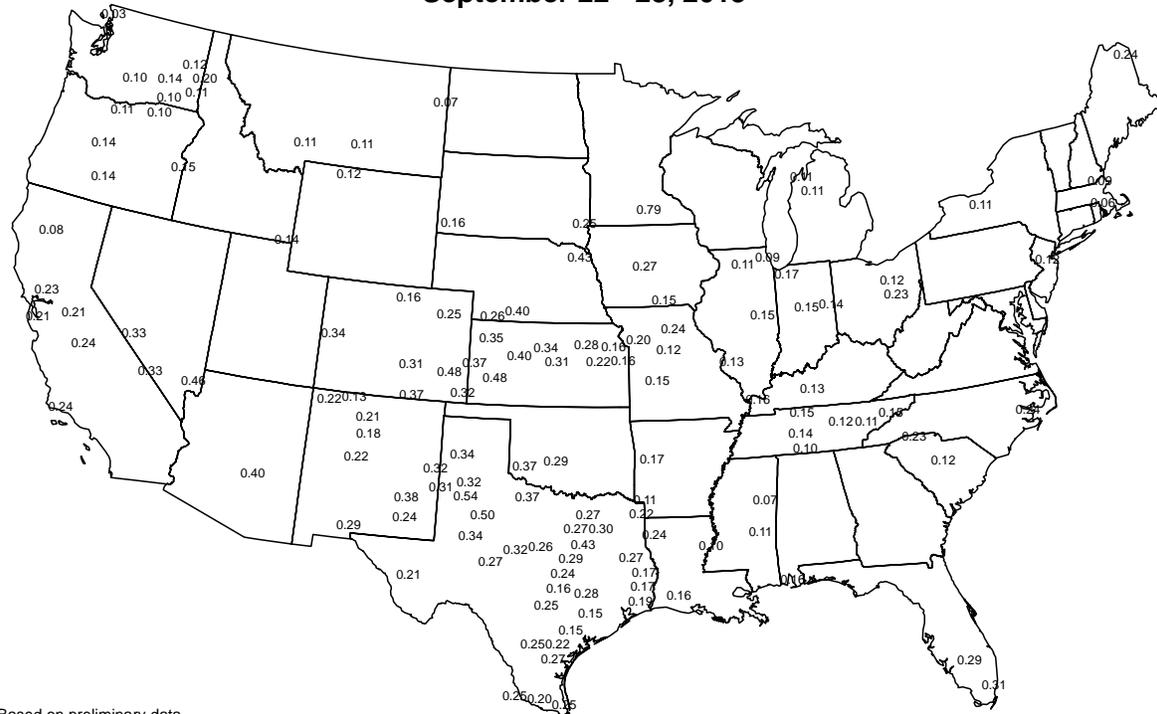
Cool, stormy weather covered much of **Alaska.** In fact, daily-record precipitation totals were established in several locations, including **Cold Bay** (0.94 inch on September 26) and **McGrath** (0.72 inch on September 25). **McGrath** also received its first measurable snowfall of the season, 0.7 inch on September 24-25. **Anchorage** noted its first trace of snow of the season on September 23, and later completed its fourth-wettest September on record with 5.85 inches (196 percent of normal). Farther south, September neared an end on a relatively quiet note in **Hawaii.** On the **Big Island**, September rainfall in **Hilo** totaled just 3.64 inches (37 percent of normal), despite some late-month showers. **Hawaii** also experienced generally warm conditions, with **Lihue, Kauai**, posting a daily record-tying high of 87°F on September 24.



### Daily Weather Records (ASOS & COOP) September 22-28, 2013



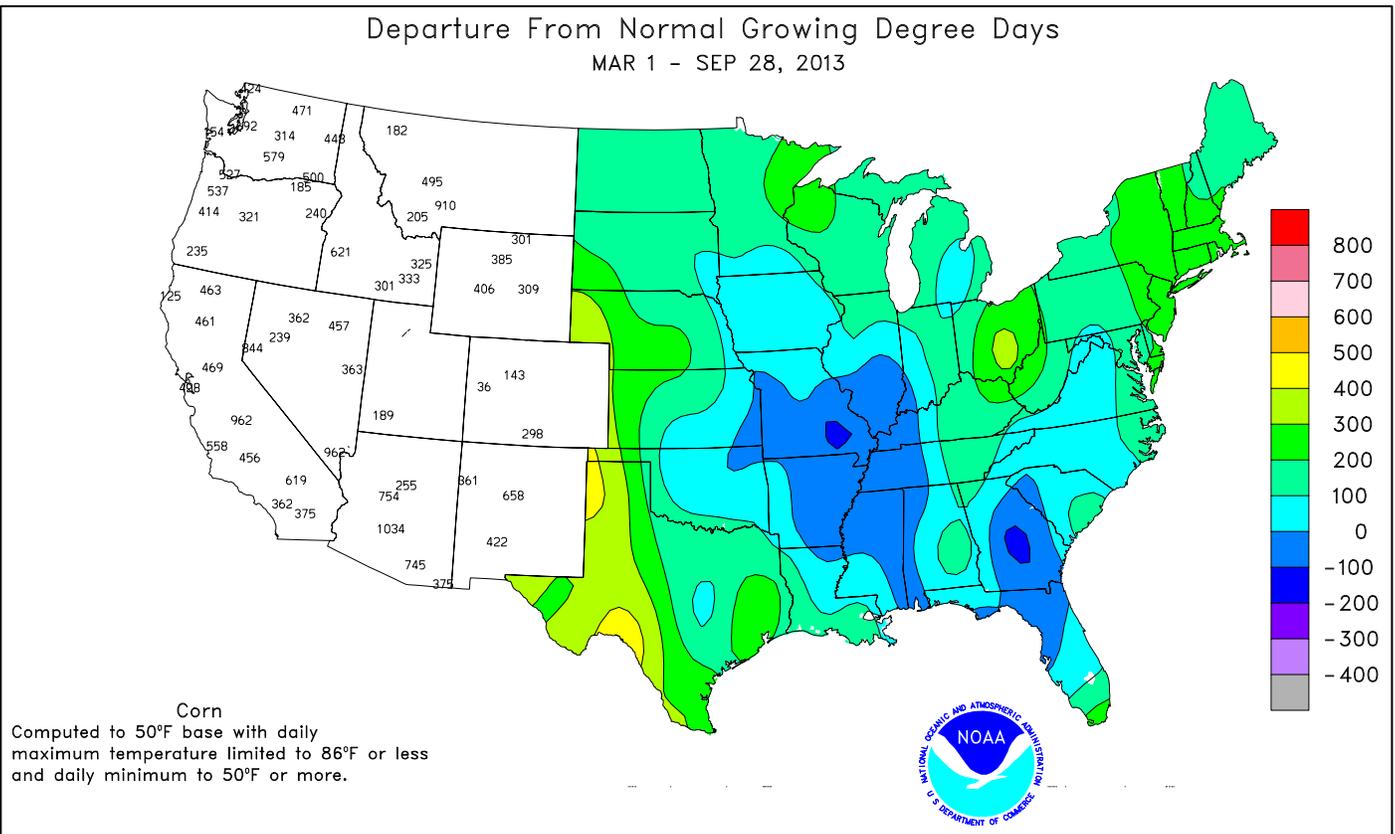
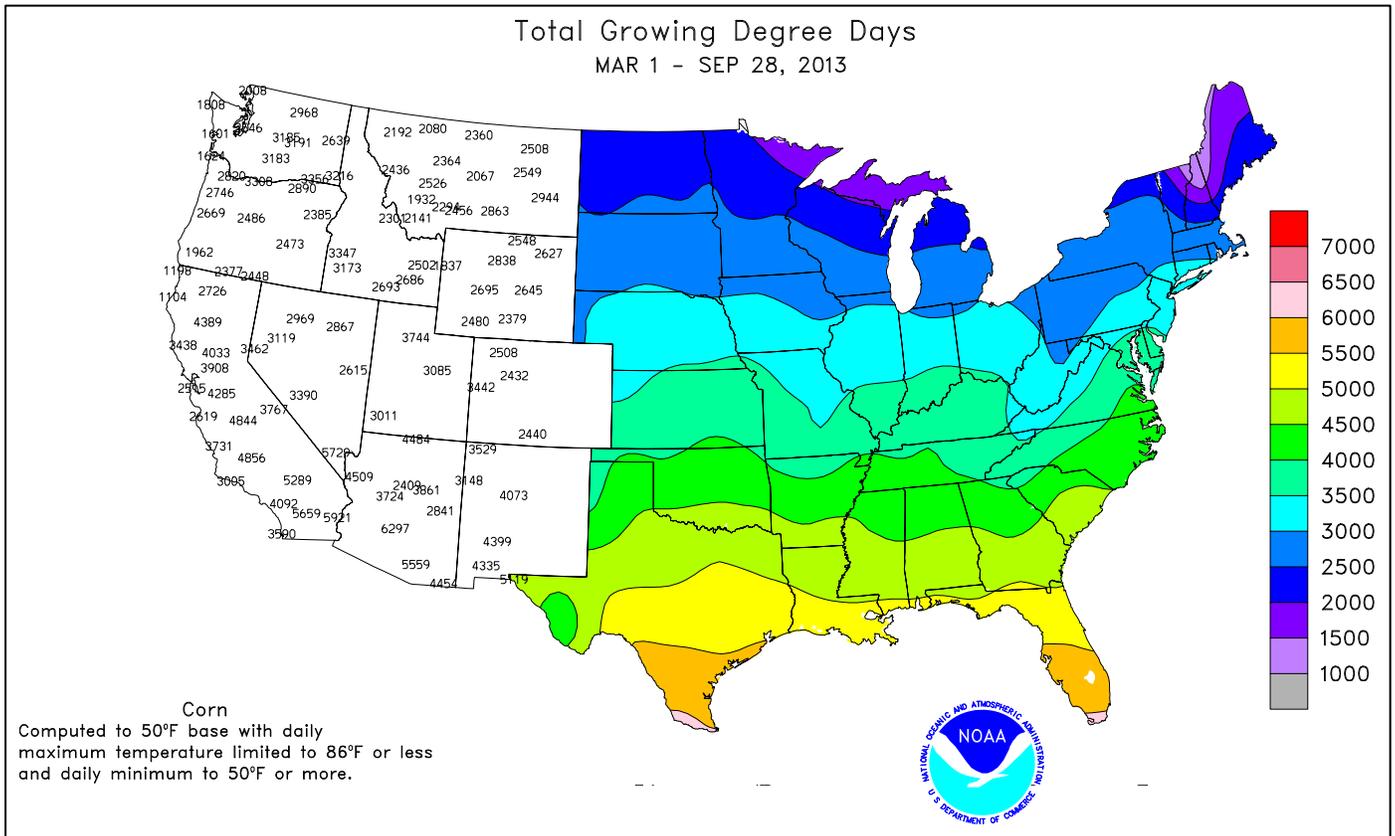
### Average Pan Evaporation (inches/day) September 22 - 28, 2013



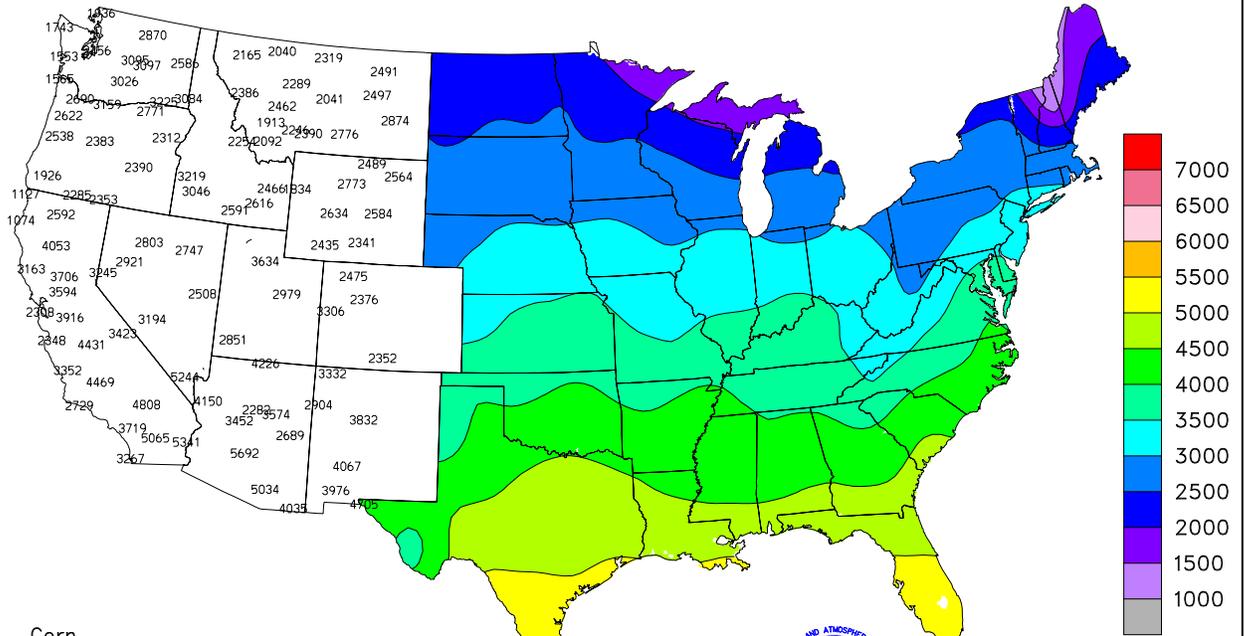
Based on preliminary data

USDA Agricultural Weather Assessments

Data obtained from the NWS Cooperative Observer Network.



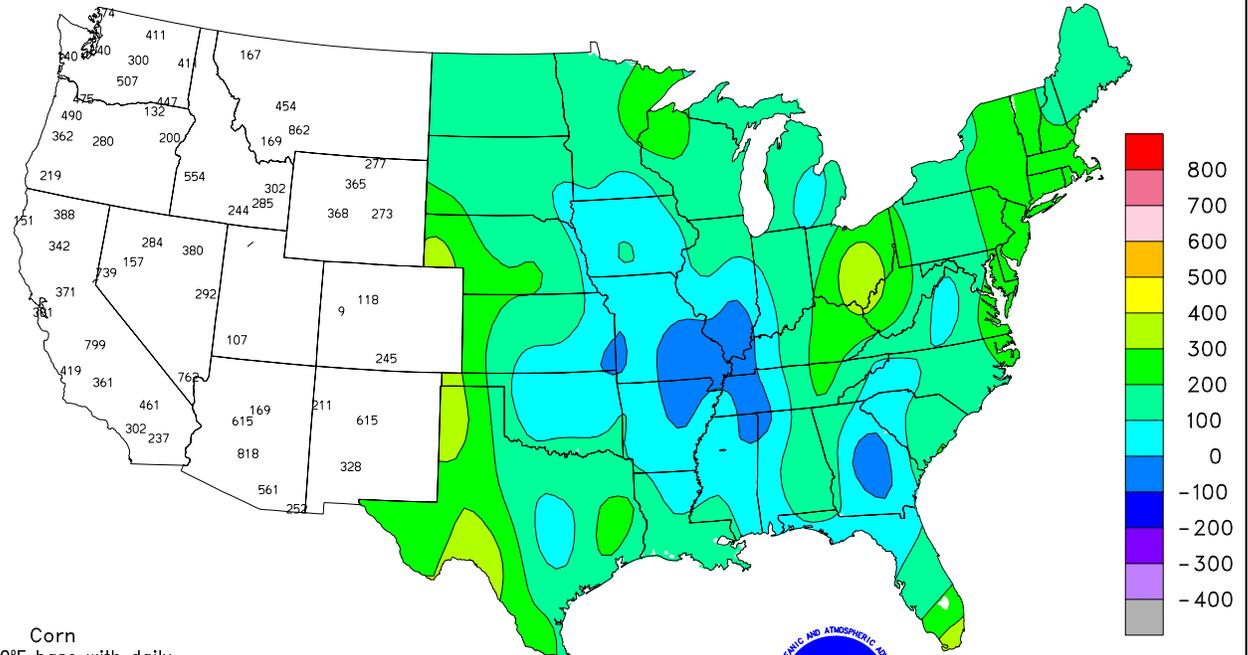
### Total Growing Degree Days APR 1 - SEP 28, 2013



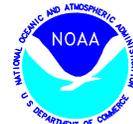
Corn  
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.



### Departure From Normal Growing Degree Days APR 1 - SEP 28, 2013



Corn  
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.



National Weather Data for Selected Cities

Weather Data for the Week Ending September 28, 2013

Data Provided by Climate Prediction Center

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN, SINCE SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL, IN, SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	82	62	85	54	72	1	0.02	-0.92	0.02	2.46	66	54.72	132	90	49	0	0	1	0
AL HUNTSVILLE	80	59	84	51	69	-1	0.03	-0.97	0.03	4.35	110	47.97	112	93	58	0	0	1	0
AL MOBILE	87	68	90	62	77	2	1.43	0.18	1.37	4.75	82	56.44	107	91	60	2	0	2	1
AK MONTGOMERY	84	65	86	59	74	0	0.38	-0.57	0.38	1.48	37	44.48	105	90	52	0	0	1	0
AK ANCHORAGE	49	38	53	28	43	-2	1.31	0.69	1.13	5.57	208	18.96	163	79	65	0	1	2	1
AK BARROW	31	18	33	6	24	-4	0.23	0.10	0.08	1.35	218	6.39	187	92	77	0	7	5	0
AK FAIRBANKS	47	31	59	23	39	-2	0.05	-0.17	0.04	1.71	164	7.51	95	83	66	0	3	2	0
AK JUNEAU	53	43	56	32	48	0	0.70	-1.21	0.31	7.96	118	48.87	127	95	82	0	1	4	0
AK KODIAK	52	42	56	31	47	0	1.61	-0.39	1.08	7.55	108	47.44	91	76	64	0	1	5	1
AK NOME	40	30	44	26	35	-5	0.21	-0.29	0.10	1.96	81	15.06	120	86	71	0	6	3	0
AZ FLAGSTAFF	66	35	72	25	50	-6	0.19	-0.27	0.18	3.25	166	20.94	122	79	20	0	4	2	0
AZ PHOENIX	94	70	99	63	82	-2	0.00	-0.17	0.00	0.86	139	5.60	98	29	14	6	0	0	0
AZ PRESCOTT	74	45	81	35	60	-4	0.00	-0.41	0.00	2.28	116	10.92	71	57	15	0	0	0	0
AZ TUCSON	92	65	98	57	78	-1	0.00	-0.30	0.00	0.64	49	5.49	60	34	18	5	0	0	0
AR FORT SMITH	87	60	91	52	73	2	0.57	-0.30	0.57	1.50	46	36.37	116	90	37	2	0	1	1
AR LITTLE ROCK	85	61	90	56	73	1	0.01	-0.86	0.01	2.53	75	37.13	103	87	39	1	0	1	0
CA BAKERSFIELD	79	56	88	53	68	-7	0.00	-0.03	0.00	0.00	0	2.36	49	59	38	0	0	0	0
CA FRESNO	82	56	89	51	69	-4	0.00	-0.06	0.00	0.01	6	2.29	28	66	40	0	0	0	0
CA LOS ANGELES	79	61	87	58	70	0	0.00	-0.04	0.00	0.00	0	2.64	27	73	41	0	0	0	0
CA REDDING	76	53	82	47	64	-8	0.04	-0.08	0.04	1.36	412	10.66	47	69	40	0	0	1	0
CA SACRAMENTO	79	52	84	48	66	-5	0.00	-0.08	0.00	0.59	197	4.50	36	76	25	0	0	0	0
CA SAN DIEGO	76	63	85	59	70	-1	0.00	-0.03	0.00	0.00	0	3.38	43	73	51	0	0	0	0
CA SAN FRANCISCO	73	55	78	53	64	0	0.00	-0.03	0.00	0.23	209	2.12	16	75	54	0	0	0	0
CA STOCKTON	78	51	84	48	65	-7	0.00	-0.08	0.00	0.28	117	3.19	34	75	51	0	0	0	0
CO ALAMOSA	67	34	73	21	51	-1	1.06	0.89	1.06	2.98	373	7.87	139	79	39	0	2	1	1
CO CO SPRINGS	74	45	80	33	60	3	0.80	0.64	0.70	4.80	384	18.47	118	72	21	0	0	2	1
CO DENVER INTL	70	45	82	38	57	-2	0.96	0.74	0.70	5.61	616	16.36	140	83	38	0	0	3	1
CO GRAND JUNCTION	70	47	79	34	58	-5	0.72	0.50	0.53	3.09	396	9.05	137	78	42	0	0	3	1
CO PUEBLO	82	45	89	36	64	2	0.25	0.14	0.25	1.27	155	9.07	84	76	23	0	0	1	0
CT BRIDGEPORT	69	50	73	44	60	-3	1.04	0.24	1.04	2.72	82	29.48	89	83	50	0	0	1	1
CT HARTFORD	69	45	75	41	57	-3	1.26	0.33	1.26	3.58	94	41.58	121	89	45	0	0	1	1
DC WASHINGTON	75	56	78	51	66	-2	0.00	-0.88	0.00	1.23	35	29.57	99	80	39	0	0	0	0
DE WILMINGTON	73	49	76	44	61	-4	0.00	-0.94	0.00	1.93	52	38.26	117	91	40	0	0	0	0
FL DAYTONA BEACH	85	72	90	70	79	0	1.19	-0.25	0.60	1.98	32	37.20	96	96	64	1	0	5	1
FL JACKSONVILLE	81	70	83	65	75	-1	1.89	0.17	1.54	3.58	48	39.94	93	96	74	0	0	6	1
FL KEY WEST	88	79	91	76	84	1	0.24	-0.93	0.17	3.97	77	39.48	134	87	71	1	0	2	0
FL MIAMI	90	77	92	74	84	2	2.56	0.79	1.37	10.44	130	53.12	115	89	61	5	0	5	2
FL ORLANDO	86	73	91	71	80	0	2.36	1.17	1.93	5.80	105	41.39	101	95	67	2	0	6	1
FL PENSACOLA	85	70	89	65	77	0	4.80	3.58	4.47	7.32	133	63.75	124	87	63	0	0	4	1
FL TALLAHASSEE	85	69	91	62	77	0	0.52	-0.48	0.21	3.16	65	56.45	109	89	61	1	0	3	0
FL TAMPA	85	74	89	71	79	-2	3.40	2.10	1.42	7.39	116	49.90	130	92	69	0	0	5	3
FL WEST PALM BEACH	89	75	90	73	82	1	2.17	0.42	1.14	9.10	118	56.71	121	88	70	2	0	5	2
GA ATHENS	75	59	81	55	67	-3	1.02	0.22	0.82	2.68	82	48.82	133	92	67	0	0	4	1
GA ATLANTA	77	61	82	58	69	-2	0.50	-0.44	0.43	2.74	72	53.77	138	90	63	0	0	2	0
GA AUGUSTA	81	58	85	54	69	-2	0.49	-0.27	0.39	1.89	56	47.20	133	93	51	0	0	6	0
GA COLUMBUS	80	65	83	60	73	-1	0.23	-0.42	0.12	1.17	40	51.54	137	88	55	0	0	2	0
GA MACON	78	59	82	51	69	-3	0.30	-0.39	0.24	1.93	62	60.06	170	99	58	0	0	4	0
GA SAVANNAH	80	65	83	58	73	-2	0.78	-0.19	0.61	1.78	36	48.95	119	90	69	0	0	3	1
HI HILO	85	70	87	69	78	2	0.70	-1.26	0.22	2.44	28	67.13	74	81	71	0	0	6	0
HI HONOLULU	86	74	88	73	80	-1	0.15	-0.08	0.08	0.73	140	9.81	91	72	67	0	0	5	0
HI KAHULUI	89	71	91	66	80	1	0.02	-0.06	0.01	0.25	76	8.90	72	78	67	2	0	2	0
HI LIHUE	85	75	87	72	80	1	0.32	-0.39	0.12	1.81	78	19.03	75	80	71	0	0	4	0
ID BOISE	64	47	73	39	56	-5	0.56	0.39	0.27	1.23	195	6.14	72	78	54	0	0	3	0
ID LEWISTON	64	49	71	45	57	-4	0.75	0.58	0.36	1.46	221	7.85	84	85	70	0	0	6	0
ID POCATELLO	63	42	75	31	52	-4	0.02	-0.17	0.01	0.77	104	4.80	52	68	42	0	1	2	0
IL CHICAGO/O'HARE	73	50	84	46	62	1	0.17	-0.45	0.17	2.36	74	34.73	124	87	47	0	0	1	0
IL MOLINE	79	48	84	43	64	2	0.08	-0.55	0.08	0.96	32	33.57	111	92	46	0	0	1	0
IL PEORIA	80	53	84	47	67	4	0.54	-0.17	0.54	1.85	64	33.68	122	82	38	0	0	1	1
IL ROCKFORD	76	49	84	43	63	3	0.07	-0.63	0.07	1.61	48	33.62	115	90	45	0	0	1	0
IL SPRINGFIELD	80	52	84	44	66	1	0.20	-0.41	0.20	1.20	45	31.87	117	92	40	0	0	1	0
IN EVANSVILLE	81	55	84	50	68	1	0.00	-0.65	0.00	2.25	81	37.59	112	90	47	0	0	0	0
IN FORT WAYNE	74	44	82	41	59	-3	0.00	-0.58	0.00	1.71	65	34.04	122	92	40	0	0	0	0
IN INDIANAPOLIS	77	52	82	48	65	1	0.00	-0.61	0.00	0.00	0	29.96	95	82	39	0	0	0	0
IN SOUTH BEND	74	46	81	40	60	-1	0.00	-0.82	0.00	3.89	109	30.87	104	87	44	0	0	0	0
IA BURLINGTON	79	54	84	47	66	2	0.12	-0.68	0.12	1.20	36	28.25	94	88	46	0	0	1	0
IA CEDAR RAPIDS	77	49	84	45	63	2	0.39	-0.25	0.39	2.20	70	31.59	115	92	45	0	0	1	0
IA DES MOINES	79	57	87	50	68	6	0.23	-0.40	0.22	2.37	78	25.91	91	80	52	0	0	2	0
IA DUBUQUE	73	49	80	44	61	2	0.31	-0.39	0.31	2.37	69	33.08	115	94	59	0	0	1	0
IA SIOUX CITY	82	53	89	44	67	7	0.27	-0.25	0.15	1.47	65	21.60	99	90	50	0	0	2	0
IA WATERLOO	76	49	84	41	63	3	0.23	-0.36	0.23	1.49	53	35.77	131	90	54	0	0	1	0
KS CONCORDIA	82	57	93	47	70	5	0.98	0.44	0.98	1.54	66	25.11	104	73	42	2	0	1	1
KS DODGE CITY	84	55	95	47	70	3	0.45	0.11	0.35	1.12	70	16.60	87	76	26	2	0	2	0
KS GOODLAND	78	48	88	40	63	2	0.18	-0.04	0.18	6.45	620	15.24	88	81	42	0	0	1	0
KS TOPEKA	81	57	90	49	69	3	0.25	-0.56	0.20	3.37	97	27.84	97	81	52	1	0	1	0

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending September 28, 2013

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL IN. SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE		32 AND BELOW		.01 INCH OR MORE		.50 INCH OR MORE	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE				
WICHITA	84	57	93	51	70	2	0.45	-0.22	0.45	2.03	74	36.54	149	85	45	1	0	1	0	1	0		
KY JACKSON	74	54	80	48	64	-2	0.02	-0.81	0.01	1.26	36	44.47	119	95	55	0	0	2	0	0	0		
LEXINGTON	78	53	81	49	65	-1	0.00	-0.69	0.00	1.63	56	45.27	127	89	51	0	0	0	0	0	0		
LOUISVILLE	79	57	83	52	68	0	0.00	-0.69	0.00	2.60	92	34.41	101	85	42	0	0	0	0	0	0		
PADUCAH	81	54	85	48	68	1	0.81	-0.04	0.77	1.92	59	42.68	117	92	48	0	0	5	1	0	0		
LA BATON ROUGE	88	66	91	63	77	1	0.23	-0.78	0.23	6.82	147	59.48	121	96	48	2	0	1	0	0	0		
LAKE CHARLES	90	68	93	66	79	2	0.00	-1.31	0.00	7.35	131	46.35	106	93	46	3	0	0	0	0	0		
NEW ORLEANS	87	72	90	68	80	3	0.31	-0.77	0.28	7.45	137	57.75	114	91	62	3	0	2	0	0	0		
SHREVEPORT	90	63	94	57	76	1	3.46	2.65	3.46	8.13	287	35.09	94	85	34	5	0	1	1	1	1		
ME CARIBOU	62	44	75	38	53	2	1.54	0.84	1.19	7.01	228	41.75	149	93	67	0	0	3	1	0	0		
PORTLAND	66	44	71	38	55	-1	0.34	-0.47	0.34	6.72	223	34.92	109	92	52	0	0	1	0	0	0		
MD BALTIMORE	73	50	78	43	61	-4	0.00	-0.91	0.00	1.65	45	27.22	85	89	42	0	0	0	0	0	0		
MA BOSTON	67	53	73	47	60	-2	0.37	-0.42	0.37	2.21	69	32.41	105	77	51	0	0	1	0	0	0		
WORCESTER	65	46	70	38	55	-3	0.48	-0.52	0.48	3.23	83	36.23	101	89	50	0	0	1	0	0	0		
MI ALPENA	67	35	76	32	51	-3	0.00	-0.59	0.00	1.23	47	23.30	106	98	48	0	1	0	0	0	0		
GRAND RAPIDS	71	44	81	38	58	-1	0.00	-0.92	0.00	0.97	24	33.29	119	91	42	0	0	0	0	0	0		
HOUGHTON LAKE	68	33	76	28	51	-3	0.00	-0.62	0.00	1.21	41	21.31	96	99	51	0	4	0	0	0	0		
LANSING	69	41	78	37	55	-3	0.00	-0.70	0.00	0.93	28	33.84	139	94	51	0	0	0	0	0	0		
MUSKOGON	71	45	80	39	58	0	0.00	-0.72	0.00	1.53	46	32.79	136	87	45	0	0	0	0	0	0		
TRaverse CITY	69	44	79	38	56	-1	0.00	-0.78	0.00	2.82	84	28.72	115	93	45	0	0	0	0	0	0		
MN DULUTH	68	49	71	41	58	6	0.36	-0.50	0.35	1.27	32	22.86	90	86	61	0	0	2	0	0	0		
INT'L FALLS	72	47	77	33	59	9	0.46	-0.18	0.38	2.01	70	27.12	137	93	58	0	0	2	0	0	0		
MINNEAPOLIS	77	54	86	49	66	8	0.14	-0.37	0.14	1.37	52	27.81	115	85	55	0	0	1	0	0	0		
ROCHESTER	75	48	83	41	62	6	0.00	-0.62	0.00	0.00	0	34.70	133	87	57	0	0	0	0	0	0		
ST. CLOUD	75	50	81	42	63	8	0.18	-0.38	0.16	1.87	66	22.20	98	92	48	0	0	2	0	0	0		
MS JACKSON	84	62	87	55	73	0	2.14	1.42	2.14	7.56	252	51.34	122	92	51	0	0	1	1	0	0		
MERIDIAN	82	60	86	54	71	-3	0.83	-0.03	0.83	2.80	84	52.33	117	98	62	0	0	1	1	0	0		
TUPELO	82	61	87	53	71	0	0.36	-0.44	0.36	2.77	91	40.05	98	93	61	0	0	1	0	0	0		
MO COLUMBIA	80	56	85	48	68	3	0.21	-0.54	0.21	2.42	76	35.51	115	91	51	0	0	1	0	0	0		
KANSAS CITY	78	57	85	51	68	2	0.42	-0.69	0.40	4.84	114	27.50	91	85	50	0	0	2	0	0	0		
SAINT LOUIS	83	60	86	52	72	4	0.00	-0.67	0.00	2.73	100	37.33	128	89	49	0	0	0	0	0	0		
SPRINGFIELD	79	56	84	46	67	0	0.36	-0.71	0.33	2.19	48	40.34	120	90	55	0	0	2	0	0	0		
MT BILLINGS	62	45	75	38	54	-3	0.64	0.31	0.39	3.32	289	11.49	97	79	43	0	0	3	0	0	0		
BUTTE	51	35	61	21	43	-6	1.43	1.21	0.62	2.50	250	9.79	91	91	54	0	3	4	2	0	0		
CUT BANK	57	40	66	30	48	-2	0.24	0.04	0.24	2.29	201	12.04	107	79	41	0	2	1	0	0	0		
GLASGOW	65	44	76	36	55	1	0.17	-0.03	0.03	2.44	277	15.03	156	82	54	0	0	2	0	0	0		
GREAT FALLS	59	42	70	32	50	-3	0.40	0.16	0.15	0.85	75	9.73	77	85	42	0	1	3	0	0	0		
HAVRE	63	40	74	33	52	-1	1.08	0.87	0.56	2.05	218	17.15	175	83	50	0	0	4	1	0	0		
MISSOULA	55	41	62	29	48	-5	0.79	0.57	0.45	1.14	115	7.46	69	88	69	0	1	5	0	0	0		
NE GRAND ISLAND	81	53	91	46	67	5	0.59	0.11	0.48	2.39	103	21.80	98	83	47	2	0	2	0	0	0		
LINCOLN	81	55	90	47	68	5	0.24	-0.38	0.24	1.99	72	22.42	94	84	45	2	0	1	0	0	0		
NORFOLK	80	55	89	48	68	7	0.65	0.18	0.41	0.88	42	19.29	85	86	48	0	0	3	0	0	0		
NORTH PLATTE	74	49	84	39	61	2	1.25	0.97	0.65	5.08	431	19.44	114	89	44	0	0	2	2	0	0		
OMAHA	81	57	90	50	69	6	0.47	-0.23	0.44	2.76	94	23.99	96	84	47	1	0	2	0	0	0		
SCOTTSBLUFF	72	43	89	33	58	1	0.61	0.33	0.26	1.35	126	9.66	70	86	61	0	0	3	0	0	0		
VALENTINE	75	50	88	40	63	5	0.90	0.54	0.88	1.55	108	19.18	112	90	45	0	0	2	1	0	0		
NV ELY	63	34	75	23	49	-5	0.02	-0.20	0.01	1.75	216	5.90	77	71	38	0	3	2	0	0	0		
LAS VEGAS	83	63	94	57	73	-6	0.00	-0.06	0.00	0.35	159	1.54	45	27	18	1	0	0	0	0	0		
RENO	69	41	81	33	55	-5	0.02	-0.06	0.02	0.02	6	3.06	58	60	36	0	0	1	0	0	0		
WINNEMUCCA	65	34	75	28	49	-8	0.07	-0.04	0.04	0.69	160	3.10	52	84	47	0	4	3	0	0	0		
NH CONCORD	68	43	75	38	56	0	0.65	-0.07	0.65	4.81	168	33.11	121	93	45	0	0	1	1	0	0		
NJ NEWARK	72	52	76	47	62	-3	0.15	-0.75	0.15	1.54	41	34.84	99	77	43	0	0	1	0	0	0		
NM ALBUQUERQUE	77	51	84	42	64	-3	0.58	0.38	0.58	3.97	405	7.86	108	61	26	0	0	1	1	0	0		
NY ALBANY	66	43	73	40	55	-3	0.04	-0.68	0.04	4.81	156	36.32	127	89	48	0	0	1	0	0	0		
BINGHAMTON	63	42	69	38	53	-3	0.01	-0.79	0.01	2.91	87	33.20	114	91	67	0	0	1	0	0	0		
BUFFALO	67	46	75	40	56	-3	0.00	-0.81	0.00	3.53	97	31.16	106	89	51	0	0	0	0	0	0		
ROCHESTER	66	44	74	40	55	-4	0.00	-0.72	0.00	2.41	74	27.64	108	92	54	0	0	0	0	0	0		
SYRACUSE	66	44	73	41	55	-4	0.01	-0.92	0.01	3.08	80	29.65	100	92	53	0	0	1	0	0	0		
NC ASHEVILLE	71	54	75	51	63	0	1.11	0.34	1.11	3.05	86	61.84	169	97	63	0	0	1	1	0	0		
CHARLOTTE	77	57	80	52	67	-3	0.17	-0.71	0.17	3.06	87	38.38	116	90	48	0	0	1	0	0	0		
GREENSBORO	74	55	77	52	64	-3	0.00	-1.01	0.00	2.13	54	40.52	121	90	48	0	0	0	0	0	0		
HATTERAS	75	62	78	52	69	-4	2.21	0.99	2.21	4.83	90	36.04	85	85	58	0	0	1	1	0	0		
RALEIGH	75	54	77	50	64	-5	0.36	-0.62	0.36	2.94	75	40.41	121	93	51	0	0	1	0	0	0		
WILMINGTON	78	59	80	53	69	-4	0.59	-0.85	0.58	1.08	17	43.78	94	92	53	0	0	2	1	0	0		
ND BISMARCK	72	48	84	42	60	5	0.45	0.11	0.21	4.38	296	20.69	145	90	56	0	0	5	0	0	0		
DICKINSON	68	45	85	38	56	2	0.54	0.18	0.42	3.31	230	16.47	118	89	42	0	0	5	0	0	0		
FARGO	75	56	84	49	65	10	1.30	0.83	1.16	4.41	221	26.33	151	82	48	0	0	2	1	0	0		
GRAND FORKS	73	50	80	45	62	8	1.28	0.87	1.00	1.97	108	16.20	100	91	46	0	0	2	1	0	0		
JAMESTOWN	74	51	86	46	62	7	0.48	0.10	0.45	2.18	136	11.41	72	91	43	0	0	2	0	0	0		
WILLISTON	66	44	74	37	55	2	0.28	-0.02	0.24	1.90	158	17.79	149	83	59	0	0	2	0	0	0		
OH AKRON-CANTON	70	47	76	41	58	-2	0.00	-0.75	0.00	2.90	90	29.96	101	88	50	0	0	0	0	0	0		

Weather Data for the Week Ending September 28, 2013

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP	
																		01 INCH OR MORE	50 INCH OR MORE	01 INCH OR MORE	50 INCH OR MORE
OK	70	44	80	39	57	-4	0.00	-0.58	0.00	1.67	62	28.45	112	96	47	0	0	0	0		
OK	68	43	74	34	56	-3	0.01	-0.85	0.01	2.21	61	29.43	100	93	51	0	0	1	0		
OK	86	58	93	53	72	1	1.35	0.35	1.35	1.95	55	47.14	170	79	33	2	0	1	1		
OR	84	58	92	51	71	0	1.26	0.11	1.25	2.52	58	25.89	81	91	50	2	0	2	1		
OR	62	49	64	44	56	-1	6.91	6.26	3.80	8.09	355	44.43	110	96	82	0	0	6	3		
OR	59	36	68	26	48	-5	0.38	0.27	0.32	1.13	276	5.05	69	90	61	0	1	2	0		
OR	63	49	68	41	56	-4	2.07	1.76	0.84	4.25	306	14.17	46	94	77	0	0	6	2		
OR	66	49	74	38	57	-7	0.64	0.47	0.25	1.67	253	6.22	56	88	51	0	0	4	0		
OR	64	48	70	44	56	-5	0.61	0.47	0.20	1.60	291	6.87	80	85	61	0	0	5	0		
OR	63	52	67	47	57	-5	1.97	1.58	1.27	3.62	248	18.90	83	93	78	0	0	6	1		
PA	65	51	71	45	58	-2	1.11	0.83	0.40	3.61	303	15.57	65	93	74	0	0	5	0		
PA	71	45	74	38	58	-3	0.00	-0.96	0.00	2.08	50	36.93	107	87	46	0	0	0	0		
PA	66	47	75	43	57	-5	0.00	-1.04	0.00	3.95	89	37.80	122	82	56	0	0	0	0		
PA	71	49	75	44	60	-4	0.00	-0.79	0.00	1.16	36	25.43	83	90	41	0	0	0	0		
PA	72	54	76	47	63	-3	0.01	-0.86	0.01	3.26	90	45.49	140	76	42	0	0	1	0		
PA	69	47	76	40	58	-3	0.00	-0.68	0.00	2.31	76	28.07	95	89	43	0	0	0	0		
PA	68	44	73	37	56	-4	0.00	-0.88	0.00	1.59	45	19.94	70	89	43	0	0	0	0		
PA	72	45	77	40	59	-1	0.00	-0.90	0.00	1.60	43	23.22	74	92	45	0	0	0	0		
RI	69	48	74	43	59	-2	0.27	-0.53	0.27	4.59	132	35.40	104	82	50	0	0	1	0		
SC	80	64	82	59	72	-2	0.00	-0.97	0.00	0.01	0	40.84	100	90	57	0	0	0	0		
SC	80	63	84	59	72	-2	2.31	1.11	1.52	5.01	86	51.07	121	88	56	0	0	3	2		
SC	80	59	84	55	70	-2	1.04	0.25	1.04	1.96	52	45.47	117	89	47	0	0	1	1		
SD	75	59	79	56	67	-2	1.12	0.19	1.12	2.50	69	56.84	148	91	56	0	0	1	1		
SD	76	51	87	41	63	6	0.94	0.55	0.55	2.44	146	16.18	93	92	52	0	0	3	1		
SD	79	56	88	48	67	9	1.19	0.78	0.67	1.44	87	18.65	104	84	39	0	0	3	2		
SD	71	45	93	34	58	0	0.63	0.39	0.37	1.18	123	15.24	108	92	40	1	0	4	0		
SD	77	55	85	49	66	8	0.48	-0.05	0.39	0.77	32	21.19	102	86	48	0	0	2	0		
TN	76	51	79	46	63	-1	0.20	-0.50	0.16	1.85	65	46.70	144	95	47	0	0	2	0		
TN	78	60	82	55	69	-1	0.29	-0.69	0.29	2.11	53	56.30	136	88	59	0	0	1	0		
TN	77	57	80	53	67	-1	0.48	-0.23	0.48	4.42	159	55.79	151	96	56	0	0	1	0		
TN	84	66	88	59	75	2	0.53	-0.23	0.53	0.64	21	46.59	118	85	47	0	0	1	1		
TX	80	57	83	51	68	-1	0.52	-0.28	0.34	4.50	134	42.01	117	93	50	0	0	2	0		
TX	87	62	93	54	75	2	2.00	1.33	2.00	3.18	120	19.51	108	77	44	3	0	1	1		
TX	84	56	95	48	70	3	0.55	0.19	0.55	1.88	104	14.25	85	73	26	1	0	1	1		
TX	91	64	96	55	78	0	0.39	-0.35	0.33	4.66	183	23.88	99	77	40	6	0	2	0		
TX	91	70	94	66	80	3	0.02	-1.37	0.02	4.67	82	39.87	89	92	45	6	0	1	0		
TX	92	73	94	68	82	2	0.00	-1.25	0.00	11.56	237	21.61	106	94	58	6	0	0	0		
TX	94	72	97	66	83	4	0.00	-1.18	0.00	6.14	133	17.14	70	87	53	6	0	0	0		
TX	91	68	94	59	80	2	0.04	-0.47	0.04	4.46	246	12.95	91	77	48	4	0	1	0		
TX	85	63	90	56	74	1	0.00	-0.34	0.00	3.85	260	9.15	125	47	24	1	0	0	0		
TX	90	65	95	59	77	2	0.43	-0.25	0.43	2.75	136	21.42	85	73	36	4	0	1	0		
TX	87	76	92	71	82	2	0.02	-1.25	0.01	4.11	76	28.34	86	91	63	2	0	2	0		
TX	90	69	95	63	80	3	0.35	-0.63	0.35	4.41	110	25.61	73	87	56	3	0	1	0		
TX	88	58	97	52	73	4	0.46	-0.11	0.45	0.53	22	10.31	67	68	31	3	0	2	0		
TX	89	61	95	55	75	3	0.00	-0.55	0.00	0.30	15	4.86	42	66	36	5	0	0	0		
TX	87	61	92	53	74	1	0.93	0.24	0.93	4.62	174	16.38	102	87	48	3	0	1	1		
TX	94	68	98	57	81	3	0.17	-0.55	0.10	1.76	66	25.20	104	79	36	6	0	2	0		
TX	91	69	97	65	80	2	0.06	-1.15	0.05	4.95	109	19.87	66	95	57	5	0	2	0		
TX	90	62	95	53	76	0	1.73	0.95	1.73	5.37	217	26.79	112	86	44	4	0	1	1		
TX	88	61	94	55	75	2	0.63	-0.13	0.63	1.98	69	17.46	79	76	38	4	0	1	1		
UT	69	50	86	42	60	-2	0.16	-0.17	0.09	1.17	104	8.62	71	64	31	0	0	3	0		
VT	64	45	74	40	54	-2	0.22	-0.61	0.22	4.82	134	37.51	137	91	53	0	0	1	0		
VA	73	52	77	48	63	-2	0.00	-0.93	0.00	0.48	14	34.20	103	95	52	0	0	0	0		
VA	73	59	75	52	66	-4	0.47	-0.43	0.47	0.93	25	34.19	95	85	52	0	0	1	0		
VA	76	54	79	50	65	-2	0.00	-0.93	0.00	1.39	38	40.30	119	88	46	0	0	0	0		
VA	73	53	76	49	63	-2	0.03	-0.83	0.02	1.14	32	43.45	132	93	57	0	0	2	0		
WA	73	47	78	41	60	-5	0.02	-0.83	0.01	1.66	47	29.51	93	89	45	0	0	2	0		
WA	60	47	63	41	54	-2	4.67	4.19	2.92	7.05	392	30.31	100	96	88	0	0	6	2		
WA	64	49	66	41	56	1	4.59	3.48	1.91	7.44	210	69.26	112	87	79	0	0	5	2		
WA	62	51	64	45	56	-3	2.41	2.03	1.65	4.72	330	24.12	109	86	76	0	0	5	2		
WA	58	45	62	42	52	-4	0.60	0.44	0.41	1.10	167	8.57	78	90	56	0	0	5	0		
WA	67	42	70	33	54	-3	0.15	0.09	0.08	0.26	84	4.62	89	82	56	0	0	4	0		
WV	70	49	75	43	60	-1	0.01	-0.73	0.01	1.64	55	31.61	97	92	57	0	0	1	0		
WV	73	51	78	45	62	-2	0.06	-0.68	0.06	2.49	77	36.54	107	100	57	0	0	1	0		
WV	71	45	75	42	58	-2	0.01	-0.82	0.01	2.37	66	35.28	98	98	47	0	0	1	0		
WI	75	50	81	46	63	-1	0.00	-0.60	0.00	1.70	65	34.12	104	97	52	0	0	0	0		
WI	74	47	82	40	61	4	0.28	-0.44	0.27	1.79	49	29.43	110	94	45	0	0	2	0		
WI	71	42	80	36	56	0	0.22	-0.39	0.22	2.89	97	26.87	116	99	51	0	0	1	0		
WI	77	51	84	44	64	4	0.39	-0.28	0.39	1.61	49	28.75	107	88	45	0	0	1	0		
WI	73	43	81	40	58	0	0.17	-0.42	0.17	3.19	106	39.67	148	98	51	0	0	1	0		
WI	68	50	78	45	59	-1	0.09	-0.57	0.09	1.54	49	31.67	116	90	62	0	0	1	0		
WY	66	39	79	30	52	-3	0.81	0.55	0.32	1.26	156	10.46	102	69	45	0	2	3	0		
WY	65	42	76	33	54	0	0.74	0.45	0.47	6.95	523	15.44	114	76	47	0	0	3	0		
WY	60	39	76	28	50	-6	1.63	1.33	1.16	3.83	407	11.70	114	79	43	0	3	3	1		
WY	62	38	79	32	50	-4	1.50	1.16	0.52	5.27	443	15.27	131	84	52	0	2	4	2		

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

September 23 – 29, 2013

Weekly National Agricultural Summary provided by USDA/NASS

### HIGHLIGHTS

**Warm conditions blanked the nation's heartland during the week, while unseasonably cool weather dominated the East and West. Most notably, temperatures averaged more than 10°F above normal in portions of the western Corn**

**Belt. Excessive precipitation covered much of the Pacific Northwest during the week, with some areas receiving more than eight times the normal weekly total. Elsewhere, dry conditions promoted crop maturation in the Corn Belt.**

**Corn:** Ninety-six percent of the corn crop was at or beyond the dent stage by September 29. This was 4 percentage points behind last year and slightly behind the 5-year average. By week's end, 63 percent of the corn crop was mature, 30 percentage points behind last year and 7 points behind the 5-year average. Five percent of Iowa's corn crop had been harvested for grain or seed by week's end, 2 weeks behind normal. Nationally, 12 percent of the corn was harvested by week's end, 40 percentage points behind last year and 11 points behind the 5-year average. Overall, 55 percent of the corn crop was reported in good to excellent condition, unchanged from last week and 30 percentage points better than the same time last year.

**Soybeans:** Sixty-seven percent of the crop was at or beyond the leaf-dropping stage by September 29. This was 16 percentage points behind last year and 7 points behind the 5-year average. In Minnesota, 73 percent of the crop was at or beyond the leaf-dropping stage, an increase of 27 percentage points from the previous week. Nationally, 11 percent of the soybean crop was harvested by week's end, 28 percentage points behind last year and 9 points behind the 5-year average. Overall, 53 percent of the soybean crop was reported in good to excellent condition, up 3 percentage points from last week but 18 points better than the same time last year.

**Cotton:** Nationwide, 59 percent of the cotton crop had open bolls by week's end, 18 percentage points behind last year and 12 points behind the 5-year average. Cotton in the Northern and Southern Plains of Texas progressed, but development remained slightly behind normal. A few producers in the Northern Low Plains began dryland cotton harvest, but harvest was expected to be in full swing within the next 2 weeks. By September 29, seven percent of the cotton crop was harvested, 6 percentage points behind last year and 7 points behind the 5-year average. Overall, 42 percent of the cotton crop was reported in good to excellent condition, down 2 percentage points from last week but identical to the same time last year.

**Sorghum:** Ninety-four percent of the crop was coloring

by September 29, eight percentage points ahead of last year and 6 points ahead of the 5-year average. By week's end, 53 percent of the crop had reached maturity, 5 percentage points behind last year and 2 points behind the 5-year average. Nationally, 36 percent of the sorghum crop had been harvested by week's end, 2 percentage points behind last year but slightly ahead of the 5-year average. Overall, 54 percent of the sorghum crop was reported in good to excellent condition, unchanged from last week but 30 percentage points better than the same time last year.

**Winter Wheat:** By week's end, producers had sown 39 percent of the nation's intended 2014 acreage, slightly ahead of last year's pace but slightly behind the 5-year average. Nationally, 12 percent of the winter wheat had emerged on September 29, identical to the same time last year but 3 percentage points behind the 5-year average.

**Rice:** Fifty-eight percent of the nation's rice crop was harvested by September 29, seventeen percentage points behind last year and 4 points behind the 5-year average. Overall, 71 percent of the rice crop was reported in good to excellent condition, unchanged from last week. Comparison data for 2012 was unavailable due to the early harvest of last year's crop.

**Other Small Grains:** Ninety-five percent of the spring wheat crop was harvested by September 29, five percentage points behind last year and slightly behind the 5-year average.

**Other Crops:** Producers had harvested 12 percent of the nation's peanut crop by September 29, nine percentage points behind last year and 5 points behind the 5-year average. Overall, 59 percent of the peanut crop was reported in good to excellent condition, unchanged from last week but 20 percentage points below the same time last year.

By week's end, 10 percent of the nation's sugarbeet acreage had been harvested, 8 percentage points behind the same time last year and 4 points behind the 5-year average.

## Crop Progress and Condition

### Week Ending September 29, 2013

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

Corn Percent Dented				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
CO	100	93	97	97
IL	100	94	97	96
IN	100	91	95	95
IA	100	89	95	98
KS	100	96	100	100
KY	100	94	97	100
MI	99	86	92	94
MN	100	91	96	98
MO	100	96	98	98
NE	100	96	100	99
NC	100	100	100	100
ND	100	90	96	93
OH	100	92	95	95
PA	95	88	97	91
SD	100	90	96	97
TN	100	100	100	100
TX	98	93	98	99
WI	97	72	84	92
18 Sts	100	91	96	97
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Mature				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
CO	86	31	52	63
IL	98	47	71	73
IN	90	47	66	68
IA	99	35	61	76
KS	98	52	77	88
KY	98	74	87	92
MI	80	28	48	60
MN	98	17	41	64
MO	100	57	79	84
NE	92	36	64	66
NC	100	100	100	100
ND	97	24	51	56
OH	71	32	54	55
PA	77	48	72	60
SD	95	40	66	65
TN	99	77	89	95
TX	93	80	87	87
WI	78	24	43	52
18 Sts	93	40	63	70
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Harvested				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
CO	25	4	11	14
IL	69	5	13	34
IN	34	6	13	22
IA	53	3	5	16
KS	73	16	26	45
KY	79	25	36	56
MI	16	3	6	9
MN	50	0	2	12
MO	87	16	26	47
NE	51	4	9	16
NC	84	74	85	80
ND	34	1	1	7
OH	13	3	7	11
PA	17	11	21	19
SD	52	4	11	13
TN	91	39	48	70
TX	74	62	64	70
WI	21	0	3	8
18 Sts	52	7	12	23
These 18 States harvested 93% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	12	12	31	32	13
IL	2	8	28	45	17
IN	2	8	25	45	20
IA	8	18	38	32	4
KS	13	17	30	33	7
KY	1	2	7	43	47
MI	3	8	25	46	18
MN	5	12	35	44	4
MO	8	16	33	37	6
NE	8	7	21	44	20
NC	1	4	18	56	21
ND	3	14	39	36	8
OH	1	3	16	45	35
PA	1	2	7	43	47
SD	3	11	25	47	14
TN	0	1	12	44	43
TX	1	10	35	41	13
WI	8	17	31	32	12
18 Sts	5	11	29	41	14
Prev Wk	5	11	29	42	13
Prev Yr	26	24	25	21	4

Winter Wheat Percent Planted				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AR	6	2	3	5
CA	6	3	5	6
CO	59	35	56	71
ID	39	34	44	47
IL	8	2	6	8
IN	7	3	7	8
KS	37	13	33	35
MI	20	8	20	20
MO	9	1	3	6
MT	52	49	71	56
NE	62	49	65	72
NC	1	2	5	1
OH	6	2	13	9
OK	33	15	37	36
OR	26	13	22	32
SD	48	43	66	62
TX	41	29	42	39
WA	71	59	65	72
18 Sts	38	23	39	40
These 18 States planted 87% of last year's winter wheat acreage.				

Winter Wheat Percent Emerged				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AR	1	NA	0	1
CA	0	NA	0	0
CO	18	NA	26	32
ID	11	NA	8	10
IL	1	NA	2	1
IN	0	NA	0	1
KS	9	NA	8	10
MI	0	NA	0	1
MO	3	NA	0	2
MT	4	NA	22	10
NE	14	NA	28	33
NC	NA	NA	0	0
OH	0	NA	0	0
OK	13	NA	6	12
OR	0	NA	5	5
SD	4	NA	15	23
TX	10	NA	15	12
WA	56	NA	41	49
18 Sts	12	NA	12	15
These 18 States planted 87% of last year's winter wheat acreage.				

**Crop Progress and Condition**

**Week Ending September 29, 2013**

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

Soybeans Percent Dropping Leaves				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AR	69	41	52	52
IL	82	37	66	69
IN	87	67	80	79
IA	91	22	51	79
KS	59	43	66	60
KY	70	28	49	71
LA	88	80	88	87
MI	88	48	74	76
MN	99	46	73	90
MS	92	42	53	81
MO	55	21	39	47
NE	88	67	84	78
NC	30	12	22	33
ND	100	82	94	91
OH	84	70	85	77
SD	100	72	87	92
TN	71	26	38	69
WI	89	29	52	74
18 Sts	83	47	67	74
These 18 States planted 95% of last year's soybean acreage.				

Soybeans Percent Harvested				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AR	41	18	25	24
IL	20	1	10	15
IN	17	4	16	19
IA	50	1	5	21
KS	11	1	8	9
KY	24	1	4	14
LA	71	46	68	65
MI	21	0	5	12
MN	72	1	9	26
MS	75	13	27	53
MO	8	0	3	6
NE	44	3	13	19
NC	3	0	0	2
ND	77	3	13	27
OH	13	3	17	15
SD	74	3	13	25
TN	16	3	9	16
WI	38	0	3	12
18 Sts	39	3	11	20
These 18 States harvested 95% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	2	7	30	42	19
IL	2	9	33	47	9
IN	3	9	28	43	17
IA	9	18	38	31	4
KS	3	11	40	41	5
KY	1	3	12	53	31
LA	0	6	19	57	18
MI	3	9	29	44	15
MN	4	13	35	43	5
MS	0	3	19	53	25
MO	10	19	38	29	4
NE	4	8	26	48	14
NC	4	9	36	46	5
ND	4	14	44	34	4
OH	1	5	21	55	18
SD	5	13	33	41	8
TN	0	4	16	46	34
WI	8	18	32	30	12
18 Sts	4	11	32	43	10
Prev Wk	5	12	33	41	9
Prev Yr	14	19	32	29	6

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AL	78	38	57	74
AZ	96	97	99	92
AR	95	75	86	88
CA	72	60	70	66
GA	84	57	66	80
KS	69	29	45	56
LA	100	88	95	97
MS	94	65	74	90
MO	94	16	29	81
NC	81	60	71	86
OK	67	56	69	69
SC	65	44	56	77
TN	91	26	36	83
TX	70	39	53	63
VA	84	65	78	79
15 Sts	77	47	59	71
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Harvested				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AL	2	0	0	8
AZ	19	5	7	19
AR	20	2	5	16
CA	0	0	1	1
GA	8	1	2	7
KS	1	0	0	0
LA	57	15	30	48
MS	23	1	3	23
MO	22	0	0	16
NC	2	0	1	5
OK	2	0	0	2
SC	3	0	2	7
TN	18	2	4	14
TX	15	10	11	16
VA	0	0	0	5
15 Sts	13	5	7	14
These 15 States harvested 98% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	1	28	65	6
AZ	0	1	19	62	18
AR	3	8	26	43	20
CA	0	0	15	40	45
GA	4	13	40	36	7
KS	2	12	46	34	6
LA	0	0	28	54	18
MS	1	3	22	64	10
MO	3	15	34	46	2
NC	3	13	46	37	1
OK	20	22	20	35	3
SC	8	13	43	35	1
TN	2	6	24	51	17
TX	15	19	36	25	5
VA	2	2	16	65	15
15 Sts	10	14	34	34	8
Prev Wk	10	13	33	35	9
Prev Yr	12	19	27	32	10

## Crop Progress and Condition

### Week Ending September 29, 2013

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

Sorghum Percent Coloring				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AR	100	100	100	100
CO	99	83	90	96
IL	99	90	92	93
KS	82	85	93	86
LA	100	100	100	100
MO	92	87	89	91
NE	83	96	100	92
NM	34	60	69	65
OK	85	89	95	82
SD	100	93	99	98
TX	89	92	96	88
11 Sts	86	89	94	88
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Percent Mature				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AR	100	96	100	100
CO	39	12	26	52
IL	86	56	71	63
KS	39	16	28	37
LA	100	100	100	100
MO	60	28	44	57
NE	48	17	51	40
NM	0	4	7	9
OK	58	44	55	46
SD	95	33	59	57
TX	76	75	79	74
11 Sts	58	44	53	55
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Percent Harvested				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AR	100	55	69	82
CO	11	2	3	7
IL	25	2	14	18
KS	12	1	3	8
LA	100	97	100	99
MO	21	3	10	20
NE	10	0	2	4
NM	0	0	0	0
OK	41	15	22	25
SD	54	3	11	15
TX	62	72	74	64
11 Sts	38	33	36	35
These 11 States harvested 98% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
AR	1	6	27	46	20
CO	19	22	37	22	0
IL	2	7	35	48	8
KS	6	14	31	41	8
LA	0	3	34	53	10
MO	2	8	37	50	3
NE	17	19	24	38	2
NM	0	8	35	40	17
OK	0	8	21	57	14
SD	0	4	23	60	13
TX	1	8	33	46	12
11 Sts	4	11	31	44	10
Prev Wk	4	11	31	44	10
Prev Yr	24	26	26	18	6

Peanuts Percent Harvested				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AL	8	4	7	11
FL	38	26	33	34
GA	24	5	8	15
NC	14	4	10	9
OK	2	4	5	2
SC	26	13	27	24
TX	6	0	2	17
VA	2	0	4	3
8 Sts	21	8	12	17
These 8 States harvested 96% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	9	38	44	9
FL	1	3	36	55	5
GA	2	6	34	45	13
NC	0	4	33	56	7
OK	0	4	29	50	17
SC	2	4	22	68	4
TX	3	8	37	51	1
VA	0	0	26	62	12
8 Sts	1	6	34	50	9
Prev Wk	2	7	32	49	10
Prev Yr	0	3	18	59	20

Rice Percent Harvested				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
AR	89	43	57	64
CA	12	12	30	24
LA	99	96	99	94
MS	93	29	42	69
MO	82	18	37	56
TX	98	99	100	98
6 Sts	75	45	58	62
These 6 States harvested 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	0	4	30	44	22
CA	0	0	15	45	40
LA	0	2	25	54	19
MS	0	0	13	57	30
MO	0	4	29	44	23
TX	0	5	47	36	12
6 Sts	0	3	26	46	25
Prev Wk	0	2	27	45	26
Prev Yr	NA	NA	NA	NA	NA

Spring Wheat Percent Harvested				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
ID	100	100	100	99
MN	100	99	100	100
MT	100	88	91	91
ND	100	91	95	97
SD	100	100	100	100
WA	100	100	100	100
6 Sts	100	93	95	96
These 6 States harvested 99% of last year's spring wheat acreage.				

**Crop Progress and Condition**

**Week Ending September 29, 2013**

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

Sugarbeets Percent Harvested				
	Prev Year	Prev Week	Sep 29 2013	5-Yr Avg
ID	18	5	13	9
MI	15	3	8	13
MN	19	5	8	16
ND	20	10	12	16
4 Sts	18	6	10	14
These 4 States harvested 84% of last year's sugarbeet acreage.				

VP - Very Poor; P - Poor;  
 F - Fair;  
 G - Good; EX - Excellent  
  
 NA - Not Available  
 \* Revised

Pasture and Range Condition by Percent												
Week Ending Sep 29, 2013												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	0	3	19	64	14		NH	1	3	36	45	15
AZ	35	15	14	30	6		NJ	1	2	11	65	21
AR	3	16	44	35	2		NM	15	30	33	14	8
CA	65	35	0	0	0		NY	1	13	21	57	8
CO	21	24	32	22	1		NC	0	5	27	60	8
CT	0	0	18	79	3		ND	2	9	23	55	11
DE	1	4	50	42	3		OH	2	11	32	45	10
FL	1	4	20	60	15		OK	8	15	36	37	4
GA	1	8	39	45	7		OR	11	30	41	16	2
ID	5	25	38	27	5		PA	4	16	37	33	10
IL	12	27	44	16	1		RI	0	0	38	62	0
IN	8	25	41	24	2		SC	0	1	27	71	1
IA	28	30	29	12	1		SD	2	15	43	34	6
KS	18	19	34	26	3		TN	1	4	28	56	11
KY	2	7	24	51	16		TX	19	29	34	15	3
LA	3	16	44	33	4		UT	0	12	44	40	4
ME	0	1	6	64	29		VT	0	15	21	39	25
MD	3	7	29	53	8		VA	4	6	27	55	8
MA	0	0	10	82	8		WA	5	21	28	44	2
MI	7	12	30	42	9		WV	0	3	17	64	16
MN	19	26	30	24	1		WI	23	31	32	12	2
MS	2	7	40	41	10		WY	10	28	32	26	4
MO	6	19	44	30	1		48 Sts	14	20	30	31	5
MT	5	12	33	44	6							
NE	19	23	34	23	1		Prev Wk	15	21	30	29	5
NV	49	25	19	7	0		Prev Yr	30	25	25	18	2

## State Agricultural Summaries

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

**ALABAMA:** Days suitable for fieldwork were 5.6. Topsoil moisture 0% very short, 14% short, 81% adequate, and 5% surplus. Corn mature 98%, 94% last week, 100% 2012, and 98% five-year average. Corn Harvested 64%, 44% last week, 93% 2012, and 79% five-year average. Corn condition 0% very poor, 1% poor, 5% fair, 49% good, and 45% excellent. Soybeans setting pods 93%, 85% last week, 100% 2012, and 99% five-year average. Soybeans dropping leaves 43%, 29% last week, 50% 2012, and 60% five-year average. Soybeans harvested 3%, 1% last week, 5% 2012, and 10% five-year average. Soybean condition 0% very poor, 1% poor, 10% fair, 67% good, and 22% excellent. Livestock condition 1% very poor, 1% poor, 12% fair, 68% good, and 18% excellent. Pasture and range condition 0% very poor, 3% poor, 19% fair, 64% good, and 14% excellent. The week's average mean temperatures ranged from 66.5°F in Lafayette, to 76.8°F in Mobile; total precipitation ranged from 0.02 inches in Birmingham, to 1.37 inches in Mobile. Rains that moved across Alabama over the previous weekend lingered early in the week bringing harvesting and most fieldwork to a halt. As dryer weather returned, field activities resumed. Temperatures across the state were slightly cooler. Corn condition remained good to excellent. Harvest continued to make good progress. Many producers were recording record yields which has slowed the pace in some areas and caused longer lines at the elevators. Soybean condition held at mostly good to excellent. Recent rains especially helped late planted soybeans that were still filling pods. Livestock condition continued to be rated mostly good to excellent. Pastures growth had slowed and began to show signs of stress due to the lack of rain and hot temperatures experienced in early September. However, with the recent rain and cooler nights that moved across the state, improvement was noted. Producers were still getting hay in and winter forage planting had begun.

**ALASKA:** Days suitable for fieldwork 3.0. Topsoil moisture 5% short, 95% adequate. Subsoil moisture 30% short, 70% adequate. Barley 100% harvested. Oats 100% harvested. Potato harvest 70% complete. Second cutting hay 80% complete. Main farm activities for the week were harvesting hay, potatoes and other vegetables, baling straw, fall tillage, preparing for winter.

**ARIZONA:** Temperatures were mostly below normal across the State for the week ending September 29, 2013, ranging from 10 degrees below normal at Kingman to normal temperatures at Tucson. The highest temperature of the week was 99 degrees recorded at various locations. The lowest reading was 21 degrees at the Grand Canyon. Four of the twenty-two weather stations recorded precipitation last week. Canyon De Chelly and Safford received the least precipitation at 0.04 inches and Flagstaff received the most at 0.19 inches. Seventeen of the 22 stations have received more than 75 percent of normal precipitation to date. Central and Western Arizona are planting fall vegetables (carrots and lettuce). Sorghum harvest has started in Maricopa County. Dairies continue to work around the clock. Temperatures were starting to cool down across the State, with some northern areas recording freezing temperatures. Range and Pastures were rated in mostly very poor to good condition, depending on location.

**ARKANSAS:** Days suitable for fieldwork 5.9. Topsoil moisture 4% very short, 36% short, 55% adequate, 5% surplus. Subsoil moisture 9% very short, 42% short, 47% adequate, 2% surplus. Corn 92% harvested, 100% 2012, 87% avg. Rice 94% ripe, 100% 2012, 92% avg. Soybeans 75% yellowing, 87% 2012, 73% avg.; 39% mature, 58% 2012, 38% avg. Most of the state received significant rainfall at the end of last week. By the end of last week, the major row crops were in mostly fair to good condition. Producers continued to harvest crops as weather permitted. Livestock were in mostly fair to good condition last week. Hay condition was mostly fair to good.

**CALIFORNIA:** A pair of Pacific weather systems passed through the State as a Fall-like pattern moved into place. A cold front associated with a low pressure system pushed through the Pacific Northwest and spread light rain across the northern tier of the State and as far south as the Central Sacramento Valley at Red Bluff. Temperatures ran below seasonal normal across Northern California as a result of this system. This system also affected Southern California with a switch to a cooler and moister onshore flow by Tuesday. The low pressure system moved out of the state on Thursday and a warming trend began as a northerly offshore flow started in the North. The offshore winds spread to Southern California by Friday and brought the first Santa Ana wind event of the season to that part of the State for the weekend. A frontal system from the Gulf of Alaska was beginning to spread clouds and rain on Sunday to the northwest corner of the State. Rice field harvest continued with nearly a third of the crop harvested. Reports noted that defoliating cotton was the main activity of the week in preparation for harvest. About three-quarters of the cotton bolls were open by week's end. Alfalfa growers continued to cut, windrow, rake and bale with good drying conditions across the State. Winter wheat field planting was underway. Reports noted other crops harvested included: garbanzo and other dry beans and corn for silage; while black-eyed pea fields were windrowed in preparation for harvest. Pomegranate harvest continued. Fig harvest was slowing. Pear harvest was nearly complete; Asian pear harvest continued. Prune harvest was finished. Apple harvest remained active, including the Fuji and Granny Smith varieties. Kiwifruit continued to size and growers prepared for harvest. Olive harvest was increasing. Avocado harvest was drawing to a close. Late variety peach, nectarine, and fresh plum harvests were nearly complete. Stone fruit orchards that had completed harvest were undergoing pruning, topping, and general orchard cleanup. Early persimmons continued to increase color. Raisin grapes that have completed the drying process were collected from the fields. Harvest of fresh grapes was in full swing. Wine grape harvest was ongoing. Citrus growers were preparing for the Navel orange harvest. Growers were monitoring the Red Scale flight. Lemon harvest was slowing. Almond harvest continued. Pistachio harvest was nearly complete. Walnut harvest was increasing. Tulare County reported bell and jalapeno peppers, melons, eggplant and squash harvest continued. Processing tomato harvest was winding down in Fresno County. Garlic and onions for processing were harvested. Madera County reported processing tomato harvest was complete. Bell and chile peppers, fresh market and processed tomatoes, pumpkin, cantaloupes, honeydew, and watermelon were harvested in Merced County. In Stanislaus County, cantaloupe and honeydew melons and tomatoes were harvested and broccoli was growing well. San Joaquin County reported harvest of vegetable row crops was winding down and pumpkins were harvested. San Mateo County reported Brussels sprouts were harvested. Tomato harvest was winding down while cantaloupe harvest was complete in Sutter County. Siskiyou County reported onion harvest was delayed as growers waited for drier soil. Range and non-irrigated pasture remained in fair to very poor condition. Some cattle were moved from higher range in early preparation for winter. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Livestock supplemental feeding of hay and grain was ongoing.

**COLORADO:** Days suitable for field work 4.8 days. Topsoil moisture 6% very short, 20% short, 69% adequate, 5% surplus. Subsoil moisture 24% very short, 32% short, 43% adequate, 1% surplus. San Luis Valley potatoes harvested 45%, 72% 2012, 56% avg, condition 1% poor, 27% fair, 70% good, 2% excellent. All Other potatoes harvested 95%, 99% 2012, 82% avg. Dry Beans cut 77%, 91% 2012, 79% avg, harvested 52%, 60% 2012, 52% avg, condition 20% very poor, 10% poor, 30% fair, 36% good, 4% excellent. Alfalfa 3rd cutting 86%, 99% 2012, 86% avg, 4th cutting 25%, 67% 2012,

31% avg, condition 15% very poor, 19% poor, 30% fair, 32% good, 4% excellent. Corn silage harvested 88%, 94% 2012, 83% avg. Dry onions harvested 60%, 79% 2012, 74% avg, condition 2% poor, 23% fair, 62% good, 13% excellent. Livestock condition 1% very poor, 7% poor, 30% fair, 51% good, 11% excellent. Sugarbeets harvested 9%, 18% 2012, 15% avg, condition 4% poor, 24% fair, 62% good, 10% excellent. Sunflowers condition 23% very poor, 11% poor, 31% fair, 30% good, 5% excellent. Soil saturated in parts of state from previous week's precipitation, delayed field activities. Overall crop maturity slowed due to cooler temperatures, some elevated areas received frost.

**DELAWARE:** Days suitable for fieldwork 6.5. Topsoil moisture 14% very short, 66% short, 20% adequate, 0% surplus. Subsoil moisture 8% very short, 65% short, 27% adequate, 0% surplus. Hay supplies 0% very short, 21% short, 72% adequate, 7% surplus. Other hay third cutting 100% this week, 99% last week, 93% last year, 89% average. Other hay fourth cutting 39% this week, 28% last week, 45% last year, 29% average. Alfalfa hay fourth cutting 74% this week, 68% last week, 93% last year, 64% average. Pasture condition 1% very poor, 4% poor, 50% fair, 42% good, 3% excellent. Corn condition 3% very poor, 9% poor, 18% fair, 54% good, 16% excellent. Soybean condition 3% very poor, 13% poor, 23% fair, 45% good, 16% excellent. Corn mature 93% this week, 89% last week, 99% last year, 94% average. Corn harvested for grain 64% this week, 42% last week, 64% last year, 52% average. Soybeans turning color 57% this week, 36% last week, 67% last year, 68% average. Cucumbers harvested 100% this week, 99% last week, 100% last year, 99% average. Lima Beans harvested 81% this week, 69% last week, 92% last year, 89% average.

**FLORIDA:** Topsoil moisture 1% very short, 4% short, 71% adequate, 24% surplus. Subsoil moisture 2% very short, 2% short, 70% adequate, 26% surplus. Peanut condition 1% very poor, 3% poor, 36% fair, 55% good, 5% excellent. Peanut harvest 33% complete. Peanut harvest ongoing in drier areas, wet fields not harvesting. Cotton harvested Jackson County. Corn harvested Hamilton and Flagler counties. Hay harvested northern Florida. Bradford County preparing strawberry fields and planting greens, onions, broccoli. Cabbage planted Flagler County. Tomatoes, peppers planted Manatee County. DeSoto, Hardee counties planting tomatoes, strawberries. Pasture Condition 1% very poor, 4% poor, 20% fair, 60% good, 15% excellent. Cattle Condition 1% very poor, 1% poor, 13% fair, 70% good, 15% excellent. Statewide; flooding, pests, drought limited forage condition. Citrus growing area completely drought free. Grove activity included resetting new trees, young tree care, herbicide application, brush removal, psyllid control.

**GEORGIA:** Days suitable for fieldwork 5.4. Topsoil moisture 2% very short, 21% short, 72% adequate, 5% surplus. Subsoil moisture 1% very short, 18% short, 75% adequate, 6% surplus. Range and pasture 1% very poor, 8% poor, 39% fair, 45% good, 7% excellent. Corn harvested 93%, 96% 2012, 97% avg. Hay third cutting 46%, 83% 2012. Oats planted 7%, 11% 2012, 10% avg. Pecans 2% very poor, 11% poor, 36% fair, 43% good, 8% excellent. Rye planted 10%, 10% 2012, 11% avg. Sorghum 3% very poor, 10% poor, 41% fair, 38% good, 8% excellent. Sorghum harvested 44%, 36% 2012, 34% avg. Soybeans 2% very poor, 7% poor, 31% fair, 51% good, 9% excellent. Winter wheat planted 6%, 3% 2012, 3% avg. Precipitation estimates for the state ranged from no rain up to 2.5 inches. Average high temperatures ranged from the high 60s to the low 80s. Average low temperatures ranged from the low 50s to the high 60s.

**HAWAII:** Days suitable for fieldwork 7.0. Topsoil moisture 20% very short, 70% short, 10% adequate, 0% surplus. The average weekly total rainfall across the State was 0.81 inch of measurable precipitation. The total drought-free area in the State fell to 9.77 percent on September 24, 2013, compared to last week's 17.89 percent. All drought ratings rose compared to the previous week's rating. All portions were rated in some stage of drought except for the windward coasts and slopes of Oahu and Kauai Islands. Extreme drought was rated for the southern leeward coast of Maui Island and a portion of the South Kohala district and Kau on the Big Island of Hawaii, and a small portion of Molokai Island. State irrigation

reservoir water levels in Oahu Island were unchanged on Friday, September 27, 2013, compared to the previous week's level. The state operated reservoir's capacity on Molokai Island was down 0.75 foot on Friday, September 27, 2013, compared to the previous week's level. The Hawaii County reservoir was down 6.5 feet on Friday, September 27, 2013, compared to the previous week's level, but voluntary 10 percent restrictions were unchanged from the previous Friday.

**IDAHO:** Days suitable 4.9. Topsoil moisture: 2% very short, 18% short, 77% adequate, 3% surplus. Field corn harvested for silage: 44%, 51% 2012, 43% avg. Onions harvested: 75%, 88% 2012, 81% avg. Potatoes harvested: 46%, 43% 2012, 34% avg. Oats harvested for grain: 95%, 100% 2012, 96% avg. Dry beans harvested: 55%, 91% 2012, 81% avg. Alfalfa hay 3rd cutting harvested: 90%, 96% 2012, 90% avg. Irrigation water supply: 17% very poor, 27% poor, 45% fair, 11% good, 0% excellent. Potato condition: 0% very poor, 2% poor, 32% fair, 50% good, 16% excellent. Range and pasture: 5% very poor, 25% poor, 38% fair, 27% good, 5% excellent. University of Idaho extension educators report rain showers have made fields difficult to work. Dry bean harvest and alfalfa cutting continues to be effected by rain. Dry Bean harvest is behind 26 percentage points of the five year average. Rain has made fall field preparation difficult to proceed.

**ILLINOIS:** Days suitable for fieldwork 6.4. Topsoil moisture 21% very short, 49% short, 30% adequate. Subsoil moisture 24% very short, 49% short, 30% adequate. Soybeans 88% turning yellow, 97% 2012, 89% avg.; Alfalfa 95% third cut, 95% 2012, 99% avg.; condition 4% very poor, 11% poor, 38% fair, 42% good, and 5% excellent. Above average temperatures and minimal precipitation last week allowed many producers to continue harvesting corn, soybeans, and sorghum. Temperatures averaged 64.6 degrees for the week, 3.3 degrees above normal. Precipitation across the state averaged 0.28 inches, 0.47 inches below normal. Activities included scouting fields, corn and soybean and sorghum harvest, and mowing and baling hay.

**INDIANA:** Days suitable for fieldwork 6.2. Topsoil 9% very short, 37% short, 52% adequate, 2% surplus. Subsoil 14% very short, 39% short, 46% adequate, 1% surplus. Tobacco harvested 82% 2013, 82% 2012, 81% 5-yr avg. Moisture content of harvested corn 23%. Moisture content of harvested soybeans 13%. Temperatures ranged from 4o above normal to 3o below normal with a low of 36o and a high of 85o. Precipitation ranged from 0.00 to 0.61 inches. Mild weather and little rain allowed more farmers to begin harvesting corn and soybeans across the state, according to the Indiana Field Office of USDA's National Agricultural Statistics Service. Harvesting of soybeans jumped slightly ahead of corn this week, with the corn harvest running about one week behind the 5-year average, as some farmers are giving corn more time to dry down. The fourth cutting of hay has begun or will begin shortly, with reports of hay in good condition. Winter wheat planting has also started in some parts of the state, and fall tillage and chemical applications are underway in fields that are open.

**IOWA:** Days suitable for fieldwork 5.9. Topsoil moisture 35% very short, 40% short, and 25% adequate. Subsoil moisture 41% very short, 39% short, and 20% adequate. Field corn moisture 28%, 19% 2012, 26% average. Field corn moisture at harvest 23%, 17% 2012, 22% average. Corn lodging 71% none, 22% light, 6% moderate, and 1% heavy. Corn ear droppage 82% none, 15% light, and 3% moderate. Soybeans turned color 88%, 98% 2012, 96% average. Soybeans lodging 86% none, 12% light, and 2% moderate. Soybeans shattering 86% none, 12% light, and 2% moderate. Mostly dry weather allowed the harvesting of corn and soybeans to both reach 5 percent complete during the week. Average precipitation was below normal, while average temperatures were above normal. Other activities for the week included chopping corn silage, harvesting seed corn, and cover crops being flown in.

**KANSAS:** Days Suitable for field work 6.0. Topsoil moisture 13% very short, 35% short, 50% adequate, 2% surplus. Subsoil moisture 21% very short, 37% short, 42% adequate, and 0% surplus. Sunflowers ray flowers dried 87%, 91% 2012, 87% avg. Sunflower

turned yellow 71%, 81% 2012, 71% avg. Sunflowers turned brown 47%, 53% 2012, 33% avg. Sunflower conditions 8% very poor, 17% poor, 44% fair, 29% good, 2% excellent. Alfalfa fourth cutting 61%, 60% 2012, 68% avg. Stock water supplies 12% very short, 17% short, 68% adequate, 3% surplus. For the week ending September 29, 2013, temperatures averaged slightly warmer than normal, but damp conditions slowed corn harvest across most of the State. Some counties in northwest Kansas received more than an inch of rain, while most areas received around a half inch which was good moisture for newly seeded wheat.

**KENTUCKY:** Days suitable 5.8. Topsoil moisture 3% very short, 25% short, 66% adequate, 6% surplus. Subsoil moisture 2% very short, 22% short, 71% adequate, 5% surplus. Precipitation averaged 0.29 in., 0.56 in. below normal. Temperatures averaged 66 degrees, 1 degree warmer than normal. Soybeans mature 19%, 48% 2012, 43% avg. Burley tobacco cut 83%, 79% 2012, 85% avg. Dark tobacco cut 85%, 87% 2012, 85% avg. Condition of housed tobacco 1% very poor, 4% poor, 19% fair, 61% good, 15% excellent. Tobacco ready for stripping 10%. Tobacco already stripped 2%. Wheat seedings 3%, 6% 2012, 4% avg. This week consisted of drier conditions. Primary activities this week included harvesting tobacco and harvesting corn.

**LOUISIANA:** Days suitable for fieldwork, 5.4. Soil moisture 3% very short, 27% short, 60% adequate, 10% surplus. Corn dented 100% this week, 100% last week, 100% last year, n/a average; Corn mature 100% this week, 100% last week, 100% last year, 100% average; Corn harvested 100% this week, 100% last week, 100% last year, 99% average; Corn condition 0% very poor, 0% poor, 27% fair, 59% good, 14% excellent. Pecans harvested 3% this week, N/A% last week, 5% last year, 2% average; Pecans condition 3% very poor, 11% poor, 47% fair, 34% good, 5% excellent. Sugarcane planted 96% this week, 92% last week, 89% last year, 86% average; Sugarcane condition 2% very poor, 6% poor, 22% fair, 53% good, 17% excellent. Sweet Potatoes harvested 40% this week, 35% last week, 40% last year, 30% average; Sweet Potatoes condition 0% very poor, 1% poor, 24% fair, 75% good, 0% excellent. Winter Wheat planted 1% this week, N/A% last week, 1% last year, 3% average. Vegetables condition 2% very poor, 18% poor, 43% fair, 34% good, 3% excellent. Pasture condition 3% very poor, 16% poor, 44% fair, 33% good, 4% excellent. Livestock condition 1% very poor, 6% poor, 34% fair, 51% good, 8% excellent. Not nearly as much rain as the previous week. The state average rainfall was .91 inches.

**MARYLAND:** Days suitable for fieldwork 7.0. Topsoil moisture 12% very short, 37% short, 50% adequate, 1% surplus. Subsoil moisture 10% very short, 33% short, 57% adequate, 0% surplus. Hay supplies 5% very short, 8% short, 77% adequate, 10% surplus. Other hay third cutting 93% this week, 87% last week, 83% last year, 80% average. Other hay fourth cutting 18% this week, 8% last week, 7% last year, 17% average. Alfalfa hay fourth cutting 60% this week, 51% last week, 95% last year, 69% average. Pasture condition 3% very poor, 7% poor, 29% fair, 53% good, 8% excellent. Corn condition 0% very poor, 1% poor, 8% fair, 58% good, 33% excellent. Soybean condition 1% very poor, 5% poor, 20% fair, 61% good, 13% excellent. Corn in the dent stage 100% this week, 96% last week, 99% last year, 98% average. Corn mature 95% this week, 70% last week, 94% last year, 89% average. Corn harvested for grain 44% this week, 30% last week, 50% last year, 47% average. Soybeans turning color 60% this week, 48% last week, 74% last year, 68% average. Cucumbers harvested 97% this week, 95% last week, 100% last year, 99% average. Lima beans harvested 86% this week, 83% last week, 92% last year, 87% average. Snap beans harvested 98% this week, 97% last week, 100% last year, 99% average. Sweet Corn harvested 98% this week, 96% last week, 99 last year, 98% average. Watermelons harvested 97% this week, 94% last week, 99% last year, 99% average.

**MICHIGAN:** Days suitable for fieldwork 6. Topsoil 8% very short, 35% short, 56% adequate, 1% surplus. Subsoil 10% very short, 38% short, 51% adequate, 1% surplus. Soybeans turning 95%, 99% 2012, 94% avg. Soybeans mature 30%, N/A 2012, N/A avg. All hay 3% very poor, 11% poor, 31% fair, 43% good, 12% excellent. Third cutting hay 92%, 91% 2012, 87% avg. Fourth cutting hay 36%, 45% 2012, 38%

avg. Dry beans 5% very poor, 8% poor, 29% fair, 52% good, 6% excellent. Dry beans dropping leaves 99%, 100% 2012, 93% avg. Dry beans mature 61%, N/A% 2012, N/A avg. Dry beans harvested 32%, 60% 2012, 51% avg. One day of measurable rain was not enough to alleviate conditions and soil moisture remains below historical averages. Corn harvest for silage (including grain corn damaged by frost) is well under way but grain corn is still maturing and is behind schedule. Grain corn that has been harvested currently holds 25-30% moisture. Soybeans have mostly dropped their leaves and are already beginning to be harvested in select areas. Wheat is being planted following soybean harvest, but germination will be hindered by the dry conditions. Sugar beets are similarly slightly behind schedule due to hard and dry ground. Conditions for pasture and for hay are fairly good, and the fourth cutting of hay is in progress and on schedule.

**MINNESOTA:** Days suitable for fieldwork 5.6. Topsoil moisture 17% Very Short, 35% Short, 48% Adequate. Subsoil moisture 21% Very Short, 42% Short, 37% Adequate. Corn Silage harvested 88%, 100% 2012, 87% average. Soybeans, percent moisture 14%, 10% 2012. Sweet corn harvested 95%, 100% 2012, 96% average. Canola harvested 64%, 100% 2012, 94% average. Dry beans, leaves yellow 96%, 100% 2012. Dry beans, dropping leaves 90%, 100% 2012. Dry beans, harvested 59%, 92% 2012, 72% avg. Potatoes, harvested 70%, 81% 2012, 66% average. Alfalfa, third cutting 95%. Sugarbeets condition 1% very poor, 4% poor, 23% fair, 62% good and 10% excellent. Sunflowers condition 3% poor, 43% fair, 48% good and 6% excellent.

**MISSISSIPPI:** Days suitable for fieldwork 4.8. Soil moisture 2% very short, 7% short, 76% adequate, 15% surplus. Corn harvested 93%, 99% 2012, 93% avg. Hay-warm season hay harvested 99%, 97% 2012, 96% avg. Hay - warm season 0% very poor, 5% poor, 61% fair, 31% good, 3% excellent. Rice mature 81%, 100% 2012, 99% avg. Sorghum mature 95%, 100% 2012, 99% avg. Sorghum harvested 50%, 91% 2012, 82% avg. Sorghum 0% very poor, 0% poor, 17% fair, 66% good, 17% excellent. Soybeans turning color 90%, 98% 2012, 93% avg. Sweetpotatoes harvested 35%, 49% 2012, 48% avg. Sweetpotatoes 1% very poor, 1% poor, 11% fair, 72% good, 15% excellent. Winter wheat planted 7%, 5% 2012, 7% avg. Winter wheat emerged 0%, 1% 2012, 3% avg. Livestock condition 0% very poor, 3% poor, 21% fair, 71% good, 5% excellent. Recent showers have helped our soil moisture levels return to adequate levels. Cotton looks good and boll opener is being applied. Peanuts will continue to be dug this week.

**MISSOURI:** Days suitable for fieldwork 5.6. Topsoil moisture 15% very short, 41% short, 43% adequate, 1% surplus. Subsoil moisture supply 24% very short, 43% short, 33% adequate. Supply of hay and other roughages 1% very short, 9% short, 78% adequate, 12% surplus. Stock water supplies 2% very short, 17% short, 79% adequate, 2% surplus. Corn moisture at harvest 19.3%, 15.2% 2012. Fall tillage 7%, 27% 2012, 11% avg. The State experienced above average temperatures and scattered showers last week. Temperatures were 3 degrees to 7 degrees above average across the state. Precipitation averaged 0.51 of an inch statewide. The southeast district reported 0.83 inches. New Madrid County reported 2.35 inches.

**MONTANA:** Days suitable for field work 5.0, 6.9 last year. Topsoil moisture 6% very short, 71% last year; 22% short, 25% last year; 69% adequate, 4% last year; 3% surplus, 0% last year. Subsoil moisture 7% very short, 63% last year; 29% short, 30% last year; 62% adequate, 7% last year; 2% surplus, 0% last year. Corn harvested for grain 2%, 8% last year. Corn chopped for silage 57%, 69% last year. Corn condition 3% very poor, 4% last year; 5% poor, 14% last year; 34% fair, 27% last year; 37% good, 37% last year; 21% excellent, 18% last year. Alfalfa hay harvested - second cutting 93%, 100% last year. Other hay harvested - second cutting 90%, 100% last year. Lentils harvested 86%, 100% last year. Oats harvested 95%, 100% last year. Potatoes harvested 32%, 47% last year. Potatoes condition 11% very poor, 0% last year; 8% poor, 3% last year; 29% fair, 27% last year; 28% good, 54% last year; 24% excellent, 16% last year. Sugar beets harvested 4%, 12% last year.

Sugar beets condition 0% very poor, 5% last year; 9% poor, 5% last year; 33% fair, 26% last year; 42% good, 57% last year; 16% excellent, 7% last year. Durum wheat harvested 58%, 100% last year. Durum wheat condition 23% very poor, 33% poor, 25% fair, 18% good, 1% excellent. Spring wheat harvested 91%, 100% last year. Winter wheat planted 71%, 52% last year. Winter wheat emerged 22%, 4% last year. Range and pasture feed condition 5% very poor, 47% last year; 12% poor, 30% last year; 33% fair, 18% last year; 44% good, 5% last year; 6% excellent, 0% last year. Livestock moved from summer ranges – cattle & calves 33%, 47% last year. Livestock moved from summer ranges – sheep & lambs 48%, 56% last year. The week ending September 29 brought cool temperatures and rain to Montana. Neihart received the highest amount of precipitation for the week with 1.96 inches of moisture. Most other stations reported receiving 0.03 to 1.71 inches of precipitation. High temperatures ranged from the upper 50s to lower 80s, with the statewide high temperature of 86 degrees recorded at Albion. A majority of stations reported lows in the upper teens to the upper 30s with the coldest being Wisdom at 17 degrees.

**NEBRASKA:** Days suitable for fieldwork 5.5 days. Topsoil moisture 16% very short, 36% short, 48% adequate, 0% surplus. Subsoil moisture 28% very short, 42% short, 30% adequate, 0% surplus. Corn irrigated condition 82% good or excellent. Corn dryland condition 39% good or excellent. Proso millet harvested 79%, 76% 2012, 58% avg. Dry Bean harvested 71% 62% 2012, 62% avg. Alfalfa fourth cutting 76%, 86% 2012, 78% average. Stock water supplies rated 8% very short, 20% short, 72% adequate, 0% surplus. For the week ending September 29, 2013, warm, windy conditions again were experienced during the week. Rainfall of an inch or more across much of the Panhandle as well as central counties slowed winter wheat seeding but improved overall prospects. Soybean harvest was active in southern counties and high moisture corn was being taken for delivery to feedlots and ethanol producers. Widespread corn harvest was limited due to high grain moisture levels.

**NEVADA:** 6.0. Annual grasses continued to green, signaling replenishment of soil moisture. Pasture, range, and stock water supplies, however, remained mostly short. Hay crop conditions varied widely but were generally good for end of the season. Alfalfa fourth cutting, where available, was in full swing. Sixth and final alfalfa cutting was completed in southern Clark County. Other hay cutting was virtually complete. Row crops were in mostly good condition. Corn silage harvest was progressing rapidly, as was potato harvest. Onion harvest was well along with good to excellent crop conditions reported. Mint was windrowed and the crop was in very good condition. Most livestock were on home pastures and range. Some ranchers were already providing supplemental feeding to livestock and hay was being bought and stored for winter. Main farm and ranch activities included the harvesting of hay, corn silage, potatoes, onions, and mint. Calves were being sorted and weaned and loads continued to be shipped out-of-state for feeding.

**NEW ENGLAND:** Days suitable for fieldwork 6.5. Topsoil moisture 10% short, 82% adequate, 8% surplus. Subsoil moisture 8% short, 85% adequate, 7% surplus. Pasture condition 6% poor, 18% fair, 56% good, 20% excellent. Maine Barley 95% harvested, 100% 2012, 100% avg. Maine Oats 90% harvested, 100% 2012, 99% avg. Maine Potatoes 45% harvested, 45% 2012, 40% avg, condition 14% fair, 23% good, 63% excellent. Massachusetts Potatoes 70% harvested, 50% 2012, 75% avg, condition 20% fair, 80% good. Rhode Island Potatoes 60% harvested, 60% 2012, 75% avg, condition 75% good, 25% excellent. Field Corn 50% harvested, 50% 2012, 50% avg, condition 6% very poor, 8% poor, 16% fair, 64% good, 6% excellent. Sweet Corn 95% harvested, 99% 2012, 95% avg. Second Crop Hay 95% harvested, 99% 2012, 99% avg. Third Crop Hay 70% harvested, 75% 2012, 75% avg. Apples 55% harvested, 60% 2012, 60% avg, fruit size 3% below avg, 69% avg, 28% above avg, condition 2% poor, 9% fair, 56% good, 33% excellent. Peaches 100% harvested, 100% 2012, 100% avg. Pears 75% harvested, 75% 2012, 80% avg, fruit size 99% avg, 1% above avg, condition 16% poor, 1% fair, 53% good, 30% excellent. Massachusetts Cranberries 5% harvested, 10% 2012, 15% avg, fruit size 20% below avg, 70% avg, 10% above avg,

condition 5% fair, 85% good, 10% excellent. The week saw fairly consistent and seasonal temperatures throughout the week. Morning fog protected crops from frosts on coolest nights. Average temperatures across the six states ranged from 4 degrees below normal to less than 1 degree above normal. Rainfall this week was limited to northeastern Maine as the other five New England states received less than a tenth of an inch in average. Average precipitation across the six states ranged 0.02 to 0.53 inches. Crops harvested included silage corn, hay, haylage, small grains, potatoes, various summer and fall vegetables, apples, pears, cranberries, and other fruits. Other field activities included irrigating, fertilizing, cleaning fields, planting cover crops, monitoring for pests, and spraying as needed.

**NEW JERSEY:** Days suitable for field work 7.0. Topsoil moisture 3% very short, 27% short, 69% adequate, 1% surplus. Subsoil moisture 8% short, 88% adequate, 4% surplus. Pasture and range condition 1% very poor, 2% poor, 11% fair, 65% good, 21% excellent. Cranberry harvesting has begun. Grape and apple harvesting are well underway. Cranberries and broccoli are in good condition. Cucumbers, sweet corn, eggplant, and pumpkins are in mostly good condition. Peppers and fresh market tomatoes are in mostly fair to good condition. In Gloucester County, producers are harvesting early planted sweet potatoes with good yields, but Anthracnose fruit rot is attacking the county's peppers due to excessive rain.

**NEW MEXICO:** Days suitable for fieldwork 7.0. Topsoil moisture 22% very short, 32% short, 44% adequate and 2% surplus. Wind damage 12% light and 7% moderate. Alfalfa 1% very poor, 13% poor, 21% fair and 65% good; 88% fifth cutting complete; 31% sixth cutting complete. Cotton 3% very poor, 25% poor, 31% fair, 20% good and 21% excellent; 50% bolls opening. Corn 5% very poor, 15% poor, 30% fair, 40% good and 10% excellent; 100% dough; 90% dent; 55% mature; 75% Silage harvested; 4% grain harvested. Irrigated Sorghum 5% poor, 25% fair, 40% good and 30% excellent; 75% coloring; 6% mature. Dryland Sorghum 10% poor, 40% fair, 40% good and 10% excellent; 98% headed; 65% coloring; 7% mature. Total Sorghum 8% poor, 35% fair, 40% good and 17% excellent; 99% headed; 69% turning color; 7% mature. Lettuce 100% planted. Chile 3% poor, 15% fair and 82% good; 95% harvested green. Pecans 1% poor, 15% fair, 48% good and 36% excellent. Peanut harvest 15% complete. Cattle condition 4% very poor, 19% poor, 35% fair, 40% good and 2% excellent. Sheep condition 19% very poor, 29% poor, 32% fair and 20% good. Range and pasture condition 15% very poor, 30% poor, 33% fair, 14% good and 8% excellent. A Pacific front came through dropping temperatures in some areas 3 to 10 degrees and creating a few showers. Areas that received precipitation were: Cuba 1.39 inches, Red River 1.10 inches, Chama 1.09 inches and Santa Fe 0.38 inches.

**NEW YORK:** Days suitable for fieldwork 6.1. Soil moisture 3% short, 83% adequate, 14% surplus. Oats for grain 100% harvested, 100% in 2012, 100% average. Hay crops 2% poor, 21% fair, 63% good, 14% excellent. Third alfalfa cutting 92% complete, 87% in 2012, 91% average. Third clover timothy cutting 83% complete, 82% in 2012, 81% average. Soybeans 3% poor, 16% fair, 51% good, 30% excellent. Soybeans 2% harvested, 11% in 2012, 6% average. Potatoes 79% harvested, 72% in 2012, 67% average. Corn 5% poor, 16% fair, 50% good, 29% excellent. Silage corn 51% harvested, 69% in 2012, 55% average. Corn for grain 2% harvested, 8% in 2012, 4% five year average. Sweet corn 97% harvested, 99% in 2012, 95% average. Sweet corn 4% poor, 12% fair, 60% good, 24% excellent. Onions 81% harvested, 95% in 2012, 86% average. Onions 9% poor, 42% fair, 39% good, 10% excellent. Snap beans 90% harvested, 90% in 2012, 92% average. Snap beans 2% poor, 29% fair, 66% good, 3% excellent. Cabbage 85% harvested, 91% in 2012, 84% average. Cabbage 27% poor, 31% fair, 21% good, 21% excellent. Apples 53% harvested, 76% in 2012, 56% average. Apples 6% fair, 61% good, 33% excellent. Grapes were 50% harvested, 63% 2012 and 46% average. Grapes 1% fair, 41% good, 58% excellent. Pears 71% harvested, 96% in 2012, 93% average. Pears 4% poor, 15% fair, 67% good, 14% excellent. Range and pasture condition 1% very poor, 13% poor, 21% fair, 57% good, 8% excellent. Rainfall for the state ranged from none to 0.98 inches. Temperatures ranged from a low of 31 to a high of 75.

**NORTH CAROLINA:** There were 6.0 days suitable for field work for the week ending September 29th same as for last week ending September 22nd. Statewide soil moisture levels were rated at 1% very short, 31% short, 63% adequate and 5% surplus. The state received little precipitation this week along with average temperatures remaining slightly below normal. Sweet potato harvest moved in-line with the last year average and the 5-year average this week. Corn and tobacco harvest remain in line as well. Peanut harvest is now underway and should continue to progress well this week if the weather remains dry. Small grain plantings are also beginning in earnest and were aided by the dry conditions this week.

**NORTH DAKOTA:** Days suitable for fieldwork were 4.7. Topsoil moisture 4% very short, 14% short, 74% adequate, 8% surplus. Subsoil moisture 5% very short, 18% short, 72% adequate, 5% surplus. Durum wheat harvested 83%, 100% 2012, 92% average. Canola harvested 85%, 100% 2012, 94% average. Flaxseed harvested 65%, 100% 2012, 80% average. Sugarbeets condition 0% very poor, 5% poor, 32% fair, 54% good, and 9% excellent. Potatoes vines killed 87%, 100% 2012, 92% average. Potatoes dug 36%, 70% 2012, 54% average. Potatoes condition 4% very poor, 12% poor, 41% fair, 38% good, and 5% excellent. Dry Edible Beans dropping leaves 97%, 100% 2012, 95% average. Dry Edible Beans harvested 53%, 94% 2012, 54% average. Dry Edible Beans condition 2% very poor, 9% poor, 38% fair, 44% good, and 7% excellent. Lentils harvested 93%, 100% 2012, 99% average. Sunflower ray flowers dry 95%, 100% 2012, 99% average. Sunflower bracts yellow 70%, 100% 2012, 92% average. Sunflower bracts brown 28%, 90% 2012, 58% average. Sunflower condition 1% very poor, 5% poor, 21% fair, 55% good, and 18% excellent. Stock water supplies 1% very short, 6% short, 89% adequate, and 4% surplus. Almost all areas across the state received at least one-half inch of rainfall last week. This moisture occurred primarily the latter part of the week and continued to delay the harvest of remaining small grains. Temperatures remained warm with the eastern half 6 to 10 degrees above normal and the western half normal to 4 degrees above. Frost has been very limited so far this fall. This has allowed the late planted row crops to reach full maturity in most areas.

**OHIO:** Days suitable for fieldwork 6. Topsoil 3% very short, 26% short, 69% adequate, 2% surplus. Subsoil 4% very short, 32% short, 62% adequate, 2% surplus. All hay 4% very poor, 7% poor, 28% fair, 51% good, 10% excellent. Third cutting hay 95%, NA 2012, NA avg. Fourth cutting hay 50%, NA 2012, NA avg. With precipitation this week largely limited to mist and light rains, conditions around the state were conducive to fieldwork. Producers harvested early planted and early maturing corn for grain and soybeans, and most growers are preparing for major harvesting to begin soon. The moisture content of harvested corn averaged 23 percent, and the moisture content of harvested soybeans averaged 14 percent. Corn for silage harvest is nearly complete in some areas. Some producers are planting winter wheat in available fields, though progress will be limited until a more significant amount of grain harvesting occurs. Other activities included manure disposition, hay baling, and fall tillage.

**OKLAHOMA:** Days suitable for fieldwork 6.0. Topsoil moisture 21% very short, 32% short, 45% adequate, 2% surplus. Subsoil moisture 28% very short, 37% short, 34% adequate, 1% surplus. Wheat seedbed prepared 84% this week, 75% last week, 84% last year, 85% average. Rye seedbed prepared 83% this week, 58% last week, 90% last year, 89% average; planted 51% this week, 20% last week, 53% last year, 56% average; emerged 16% this week, n/a last week, 23% last year, 28% average. Oats seedbed prepared 65% this week, 60% last week, 67% last year, 66% average; planted 6% this week, n/a last week, 11% last year, 13% average. Canola seedbed prepared 89% this week, 76% last week, 89% last year, n/a average; planted 44% this week, 14% last week, 46% last year, n/a average; emerged 5% this week, n/a last week, 7% last year, n/a average. Corn condition 1% poor, 24% fair, 60% good, 15% excellent; mature 98% this week, 92% last week, 97% last year, 92% average; harvested 57% this week, 42% last week, 77% last year, 65% average. Soybeans condition 6% poor, 28% fair, 57% good, 9% excellent; mature 35% this week, 22% last week, 29% last year, 30%

average; harvested 8% this week, n/a last week, 7% last year, 8% average. Peanuts mature 62% this week, 50% last week, 63% last year, 56% average; dug 8% this week, 5% last week, 5% last year, 8% average. Alfalfa hay condition 6% very poor, 10% poor, 34% fair, 46% good, 4% excellent; 4th cutting 78% this week, 77% last week, 52% last year, 66% average; 5th cutting 18% this week, 12% last week, n/a last year, n/a average. Other hay condition 6% very poor, 9% poor, 35% fair, 45% good, 5% excellent; 2nd cutting 82% this week, 79% last week, 64% last year, 69% average. Livestock condition 4% poor, 27% fair, 59% good, 10% excellent. Pasture and range condition 8% very poor, 15% poor, 36% fair, 37% good, 4% excellent. Widespread rainfall began Friday night and continued Saturday, resulting in 1.2 inches on average for the week, statewide. The heaviest totals were across northern Oklahoma and into southeastern Oklahoma. Planting of small grains and canola made significant progress before the weekend rainfall, and continued with the additional moisture received. Small portions of wheat, rye and canola were reported as emerged by the end of the week. Harvest of single-crop soybeans had begun on track with the five-year average, and corn and sorghum harvest continued.

**OREGON:** Days suitable for fieldwork 4 days. Range and Pasture: 11% Very Poor, 30% Poor, 41% Fair, 16% Good, 2% Excellent. Range and Pasture: 11% Very Poor, 30% Poor, 41% Fair, 16% Good, 2% Excellent. Subsoil Moisture: 7% Very Short, 34% Short, 57% Adequate, 2% Surplus. Topsoil Moisture: 2% Very Short, 24% Short, 52% Adequate, 22% Surplus. Topsoil Moisture: 2% Very Short, 24% Short, 52% Adequate, 22% Surplus. Alfalfa Hay 3rd cutting: 95%, 89% 2012, 92% avg. Winter Wheat Planted: 22%, 26% 2012, 32% avg. Winter Wheat Emerged: 5%, 0% 2012, 5% avg. Weather: The temperatures were below average in all of the regions in Oregon. South Central Oregon had temperatures that were much colder than normal. All of the regions experienced above average precipitation. Cumulative precipitation was still below average in most parts of Oregon. The high temperatures for the state ranged from the mid-70's in North Central and Southeastern Oregon to the low-60's in the Coastal and Willamette Valley Regions. The low temperatures for the state ranged from the low-20's in South Central Oregon to the high-40's in the Willamette Valley and North Central Regions. Field Crops: In Lane County late field corn harvest was nearing completion with late harvest being a bit challenging to some growers. Wheat has been planted earlier than normal. Grass fields were sprouting nicely. In Washington County winter wheat planting was ongoing, as weather permits. Field corn was ready to ensile. Unseasonable weather was slowing harvesting and planting. In Klamath County potato harvest was underway. Some producers were still trying to harvest grain and bale hay. In Sherman County seeding had started but only minor amounts. In Umatilla County wet weather had delayed and hindered winter wheat planting. In Union and Baker Counties seed potato harvest was nearly completed. Fruits and Nuts: In Douglas County apple and pear harvest was delayed due to heavy rains. In Lane County filbert growers were preparing harvesting equipment with nut drop underway in most orchards. Hazelnut harvest continued ahead of the rain this weekend. Pears were nearly done and some late apples were harvested. Tomatoes were still doing well. In Washington County everbearing strawberries were at farmers' markets. Filbert harvest was ongoing. Walnuts were getting ready to drop. Wine grapes were being picked and processed for wine. In Yamhill County hazelnut harvest was underway. In Hood River County, winter pear harvest continued in mid and upper Hood River Valley orchards with rain interrupting harvest on several days. Nurseries and Greenhouses: In Washington County some producers were burning culled nursery material. Vegetables: In Josephine County there were a lot of garden vegetables left to be harvested. In Lane County sweet corn harvest was nearing completion. In Washington County acorn squash, pumpkins, and all squash were harvested. Livestock, Range and Pasture: In Washington County some calving occurred, all in good shape. In Malheur County the rainfall did not help range conditions very much..

**PENNSYLVANIA:** Days suitable for fieldwork, 6. Soil moisture; 14% very short, 24% short, 55% adequate and 7% surplus. Fall plowing; 63% this week, 48% last week, 51% last year, and 40%

average. Corn dent; 97% this week, 88% last week, 95% last year, and 91% average. Corn mature; 72% this week, 48% last week, 77% last year, and 60% average. Corn harvested; 21% this week, 11% last week, 17% last year, and 19% average. Corn for silage harvested; 80% this week, 58% last week, 86% last year, and 75% average. Barley planted; 79% this week, 55% last week, 46% last year, and 43% average. Barley emerged; 20% this week, 0% last week, 23% last year, and 23% average. Winter Wheat planted; 47% this week, 29% last week, 35% last year, and 22% average. Soybeans harvested; 13% this week, 3% last week, 6% last year, and 6% average. Potatoes harvested; 90% this week, 77% last week, 87% last year, and 69% average. Alfalfa fourth cutting; 81% this week, 69% last week, 88% last year, and 76% average. Apples harvested; 79% this week, 69% last week, and 84% last year, and 67% average. Grape harvested; 25% this week, 20% last week, and 80% last year, and 43% average. Corn conditions; 1% very poor, 2% poor, 7% fair, 43% good, 47% excellent. Soybean conditions; 0% very poor, 1% poor, 11% fair, 55% good, 33% excellent. Pasture conditions are; 4% very poor, 16% poor, 37% fair, 33% good and 10% excellent. Field activities for the week included cutting alfalfa and other forage; harvesting corn and corn silage, harvesting potatoes, apples and grapes, planting barley and winter wheat, applying fertilizer, mowing pastures, spraying herbicides and pesticides and applying lime to fields and preparing fields for next crop.

**SOUTH CAROLINA:** Days suitable for fieldwork 6. Soil moisture 2% very short, 30% short, 67% adequate, 1% surplus. Soybeans 3% very poor, 12% poor, 40% fair, 43% good, 2% excellent. Livestock condition 0% very poor, 0% poor, 16% fair, 82% good, 2% excellent. Corn harvested 95%, 96% 2012, 96% avg. Soybeans bloomed 98%, 99% 2012, 100% avg. Soybeans pods set 89%, 94% 2012, 97% avg. Soybeans leaves turning color 25%, 31% 2012, 30% avg. Soybeans leaves dropped 9%, 5% 2012, 10% avg. Soybeans mature 6%, 4% 2012, 4% avg. Cotton bolls set 98%, 100% 2012, 100% avg. Winter wheat planted 0%, 15% 2012, 11% avg. Oats planted 0%, 1% 2012, 2% avg. Tobacco harvested 100%, 100% 2012, 100% avg. Tobacco stalks destroyed 67%, 87% 2012, 85% avg. Winter grazings planted 38%, 26% 2012, 27% avg. Winter grazings emerged 8%, 7% 2012, 3% avg. Cool mornings and sunny fall days prevailed for the majority of the week, enabling farmers to continue with their harvesting activities and fall plantings. The state average temperature for the week was two degrees below the long term average. By mid-week much needed showers fell across the majority of the state. The average rainfall for the week was 0.7 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 5.8. Topsoil moisture 12% very short, 44% short, 43% adequate, 1% surplus. Subsoil moisture 20% very short, 46% short, 33% adequate, 1% surplus. Sunflower ray flowers dry 97%, 100% 2012, 98% average. Sunflower bracts yellow 87%, 95% 2012, 88% average. Sunflower bracts brown 50%, 81% 2012, 39% average. Sunflower condition 2% very poor, 16% poor, 25% fair, 50% good, 7% excellent. 3rd cutting of alfalfa 90% complete, 96% 2012, 88% average. Alfalfa hay condition 1% very poor, 7% poor, 38% fair, 46% good, 8% excellent. Stock water supplies 6% very short, 27% short, 64% adequate, 3% surplus. Above normal temperatures were recorded across most areas of the state. Row crop harvest was underway in most areas.

**TENNESSEE:** Days suitable 5.5. Topsoil moisture, 19% short, 76% adequate, 5% surplus. Subsoil moisture 18% short, 79% adequate, 3% surplus. Field crop harvest slowed by rain. Other activities included preparation for wheat seedings. Crops were rated good-to-excellent. Despite rains, weather pasture conditions increased only slightly.

**TEXAS:** The majority of producers had their wheat seeded before additional rainfall was received this past weekend. Early seeded wheat benefitted greatly from recent precipitation. Producers in the Northern Plains and the Cross Timbers were seeing good stands. Grasshoppers were causing damage to newly seeded wheat in the Cross Timbers and rye in the Blacklands. Small grain seeding progressed rapidly as producers took advantage of recent precipitation. Row Crops: Corn harvest was in full swing across the

state. Cotton harvest in South Central Texas was nearly completed. Producers in South East Texas halted cotton harvest due to the large amounts of rain received. Cotton in the Northern and Southern Plains progressed, but remained slightly behind normal. A few producers in the Northern Low Plains began dryland cotton harvest, but expected to be in full swing within the next 2 weeks. Grain sorghum continued to mature and producers were preparing for harvest in the Northern High Plains. The harvest of grain sorghum in the Edwards Plateau was winding down with the exception of a few late planted fields. Sorghum, soybeans, corn and sunflowers have all been harvested in the Blacklands. Producers in the Northern Low Plains, Southern High Plains and South Texas were preparing for peanut harvest. Fruit, Vegetable and Specialty Crops: Potato and pumpkin harvest continued in the Northern High Plains, while producers in the Southern High Plains began to harvest peas. Sesame harvest in the Coastal Bend was nearly complete. Livestock, Range and Pasture: North East Texas receives as much as 6 to 8 inches of rain this past week. Ponds and creeks benefitted greatly from the recent precipitation. There were reports of armyworm, and grasshopper activity in North East and South East Texas. Pastures and rangeland in the Northern Low Plains were still in need of additional moisture. Livestock was in good condition; however, some supplemental feedings took place. Producers continued to wean and sell calves and cull cows.

**UTAH:** Days Suitable For Field Work 6. Subsoil Moisture 5% very short, 41% short, 54% adequate, 0% surplus. Irrigation Water Supplies 17% very short, 43% short, 40% adequate, 0% surplus. Winter Wheat, Planted For Harvest Next Year 73%, 45% 2012, 62% avg. Winter Wheat emerged 40%. Corn dent 91%, 89% 2012, 79% avg. Corn mature 65%, 63% 2012, 46% avg. Corn harvested (grain) 16%, 14% 2012, 5% avg. Corn silage, harvested (silage) 58%, 61% 2012, 34% avg. Corn condition 0% very poor, 0% poor, 21% fair, 67% good, 12% excellent. Alfalfa Hay 3rd Cutting 93%, 95% 2012, 89% avg. Alfalfa Hay 4th Cutting 30%, 42% 2012, 18% avg. Onions harvested 40%, 69% 2012, 54% avg. Cattle and calves moved From Summer Range 35%, 35% 2012, 30% avg. Cattle and calves condition 0% very poor, 2% poor, 23% fair, 73% good, 2% excellent. Sheep and lambs moved From Summer Range 36%, 35% 2012, 34% avg. Sheep Condition 0% very poor, 0% poor, 23% fair, 73% good, 4% excellent. Stock Water Supplies 2% very short, 27% short, 71% adequate, 0% surplus. Apples harvested 25%, 48% 2012, 39% avg. Peaches harvested 90%, 87% 2012, 87% avg. Farmers continued to harvest alfalfa hay, corn silage and safflower last week in Box Elder County despite a storm that brought a little precipitation on Wednesday and Thursday. Alfalfa hay is getting harder to dry with the cooler temperatures and shorter days. In Summit County, freezing temperatures slowed crop growth, and farmers were wrapping up their fall farm work. Most all of the silage corn in Box Elder County has been chopped and put into the silage pits and some grain corn has been harvested as high moisture. It is also being ground and put into silage facilities at this point. All of the corn is mature and starting to dry down. Some corn producers have dryers so they will begin to put their corn through the dryers to get it to storable moisture levels. The safflower harvest is underway but has been stalled because of showers. Some safflower producers are concerned that the harvest could be dangerously delayed because of weather. The onion harvest is underway and yields look good but again, the weather could delay harvest until frost becomes a problem with the onions. Corn silage, onion and alfalfa fourth cutting are all underway in Weber County. They should be mostly done in a week. Livestock producers in Box Elder County are in the process of gathering livestock from summer ranges and transporting them to fall pastures. Many of the fall pastures in the county are lacking in feed and producers are making decisions about how to provide feed to their livestock. Lambs are being sorted and shipped to feedlots or markets depending on weight. Some beef producers will begin to wean and vaccinate calves in preparation for delivery to livestock buyers. Ranchers in Summit County are bringing their livestock off summer ranges and shipping calves and lambs to market.

**VIRGINIA:** Days suitable for fieldwork 6.4. Topsoil moisture 11% very short, 30% short, 58% adequate, 1% surplus. Subsoil moisture 4% very short, 33% short, 59% adequate, 4% surplus. Pasture 4% very poor, 6% poor, 27% fair, 55% good, 8% excellent. Livestock 1% poor,

9% fair, 62% good, 28% excellent. Other hay 1% very poor, 13% poor, 23% fair, 54% good, 9% excellent. Alfalfa hay 5% very poor, 8% poor, 25% fair, 39% good, 23% excellent. Corn 91% mature, 93% 2012, 91% 5-yr avg. Corn harvested 66%, 77% 2012, 60% 5-yr avg. Corn silage harvested 82%, 89% 2012, 89% 5-yr avg. Soybeans 4% poor, 22% fair, 57% good, 17% excellent. Soybeans dropping leaves 36%, 31% 2012, 44% 5-yr avg. Soybeans harvested 2%, 2% 2012, 2% 5-yr avg. Winter wheat seeded 9%, 8% 2012, 13% 5-yr avg. Barley seeded 34%, 30% 2012, 27% 5-yr avg. Flue cured tobacco harvested 83%, 80% 2012, 72% 5-yr avg. Burley tobacco 93%, 87% 2012, 84% 5-yr avg. Peanuts 26% fair, 62% good, 12% excellent. Peanuts dug 22%, 18% 2012, 11% 5-yr avg. Peanuts combined 4%, 2% 2012, 3% 5-yr avg. Cotton 2% very poor, 2% poor, 16% fair, 65% good, 15% excellent. Cotton bolls opening 78%, 84% 2012, 79% 5-yr avg. All apples 3% fair, 96% good, 1% excellent. Fall apples harvested 55%, 84% 2012, 58% 5-yr avg. Winter apples 33%, 53% 2012, 31% 5-yr avg. Grapes 6% poor, 7% fair, 85% good, 2% excellent. Oats seeded 37%. It was a dry week for the Old Dominion; most areas experienced light showers or no rain at all. The majority of temperatures ranged between upper 70s and low 40's, with a few reported lows in the 30s. Overall, Virginia was about 2 to 5 degrees below normal for this time of year. Days suitable for fieldwork were 6.4. The dry weather was ideal for harvesting; good progress was made on corn and late season hay. The recently planted small grains were not doing as well, rain was needed for germination. The soybean harvest had just begun; concerns about Soybean Rust were still prevalent. Other farming activities for the week included spraying defoliant on cotton, harvesting tobacco, testing soil, and applying lime, fertilizers, and bare ground herbicides.

**WASHINGTON:** Days suitable for fieldwork 3.5. Topsoil Moisture: 4% Very Short, 9% Short, 57% Adequate, 30% Surplus. Subsoil Moisture: 6% Very Short, 31% Short, 59% Adequate, 4% Surplus. Irrigation Water Supply: 0% Very Short, 0% Short, 97% Adequate, 3% Surplus. Hay and other Roughage: 1% Very Short, 7% Short, 71% Adequate, 21% Surplus. Range and Pasture Conditions: 5% Very Poor, 21% Poor, 28% Fair, 44% Good, 2% Excellent. Winter Wheat Planted: 65%, 71% last year, 72% five-year average. Winter Wheat Emerged: 41%, 56% last year, 49% five-year average. Field Corn Conditions: 0% Very Poor, 0% Poor, 48% Fair, 45% Good, 7% Excellent. Field Corn Field Corn Dough: 95%, 92% last year, 93% five-year average. Field Corn Field Corn Dent: 75%, 58% last year, 68% five-year average. Field Corn Field Corn Mature: 31%, 20% last year, 22% five-year average. Field Corn Field Corn Harvested for Grain: 10%, 5% last year, 4% five-year average. Field Corn Harvested for Silage: 40%, 34% last year, 37% five-year average. Potatoes Harvested: 63%, 60% last year, 61% five-year average. Dry Edible Beans Harvested 95%, 93% last year, 93% five-year average. Alfalfa Hay Fourth Cutting 50%, 36% last year, 47% five-year average. Another week of high precipitation and dipping temperatures as fall settled in. In Whitman County, cool wet weather moved in as temperatures were below average all week with highs in the low 60s and high 50s. Nearly an inch and a half of rain fell throughout parts of the county during the week. Planting of winter wheat was also stalled due to cool, wet conditions. In Adams County, a very rainy week hampered bean and hay harvest as well as caused some challenges in potato and corn harvest. In Thurston County, Christmas tree growers began removing leader stakes from Noble and Nordman fir. In the Yakima Valley, apple harvest intensified as Honeycrisp, Jonagold, and Golden Delicious varieties came in from the upper Valley and Granny Smith, Jonagold and Red Delicious apples were harvested in the lower Valley. A few late maturing peaches and nectarines were being harvested this past week as Concorde and wine grape varieties were also coming in from the fields. There was explosion of winter squashes at fruit stands along with tomatoes and peppers as vegetable growers anticipated freezing night time temperatures. Hop harvest were still coming in. Temperatures as low as 33 degrees have caused fruit growers to use frost control measures. In Spokane County, fall calves were being moved to market.

**WEST VIRGINIA:** Days suitable for fieldwork was 6. Topsoil moisture was 16% short, 75% adequate, and 9% surplus compared to 3% very short, 29% short, and 68% adequate last year. Corn conditions were 10% fair, 46% good, and 44% excellent. Corn was 81% dented, 94% in 2012, 5-year avg. comparison data not available. Corn was 26% mature, 60% in 2012, and 53% 5-year avg. Corn harvested for

grain was 5%, 10% in 2012, and 15% 5-year avg. Soybean conditions were 14% fair, 42% good, and 44% excellent. Soybeans were 73% dropping leaves, 90% in 2012, and 78% 5-year avg. Hay conditions were 18% fair, 66% good, and 16% excellent. Hay second cutting was 89%, 98% in 2012, 5-year avg. comparison data not available. Hay third cutting was 39%, 58% in 2012, and 60% 5-year avg. Apple conditions were 2% poor, 42% fair, 52% good, and 4% excellent. Apples were 60% harvested, 73% in 2012, and 60% 5-year avg. Cattle and calves were 14% fair, 77% good, and 9% excellent. Sheep and lambs were 9% fair, 88% good, and 3% excellent. The weather was drier this week, helping farmers as they continued making hay and moving bales from fields. Harvesting continues for fall vegetables, apples, and corn for grain. Around the State, farmers are seeing bear and deer damage to area corn fields; white grubs are also damaging lawns.

**WISCONSIN:** Days suitable for fieldwork 6.2. Topsoil moisture 18% very short, 41% short, 40% adequate, and 1% surplus. Subsoil moisture 25% very short, 48% short, 27% adequate, and 0% surplus. Pasture condition 23% very poor, 31% poor, 32% fair, 12% good, 2% excellent. Fourth cutting hay 64%, 95% 2012, 71% avg. Corn silage harvested 54%, 93% 2012, 67% avg. The state saw an overall dry and mild week with widespread light rain over the weekend. Reporters commented that the warm dry days pushed crops toward maturity. A few reporters in the north noted patchy overnight frost. Precipitation received was not enough to combat lingering dry and dusty soil conditions in some areas. Topsoil moisture was 59 percent short to very short this week compared to 55 percent last week. Corn silage harvest chugged along and late haying continued, taking advantage of the sunny weather. The corn for grain and soybean harvests were gearing up with fall seedings going in as fields were cleared. Across the reporting stations, average temperatures last week were 1 degree below to 4 degrees above normal. Average high temperatures ranged from 68 to 77 degrees, while average low temperatures ranged from 42 to 51 degrees. Precipitation totals ranged from 0.09 inches in Milwaukee to 0.39 inches in La Crosse.

**WYOMING:** Days suitable for field work 4.7. Topsoil moisture 4% very short, 21% short, 74% adequate, 1% surplus. Subsoil moisture 10% very short, 33% short, 56% adequate, 1% surplus. Stock water supply 4% very short, 26% short, 68% adequate, 2% surplus. Barley harvested 95%, 100% 2012, 97% avg. Oats harvested 89%, 100% 2012, 99% avg. Winter Wheat planted 93%, 88% 2012, 91% avg.; emerged 72%, 44% 2012, 64% avg. Corn condition 1% very poor, 5% poor, 19% fair, 55% good, 20% excellent; in dough 85%, 99% 2012; 95% avg.; dent 62%, 86% 2012, 80% avg.; mature 31%, 58% 2012, 49% avg. Corn silage harvested 67%, 78% 2012, 73% avg. Dry beans condition 9% poor, 20% fair, 64% good, 7% excellent; leaves turning color 96%; 100% 2012, 98% avg.; windrowed 62%, 84% 2012, 83% avg.; combined 38%, 68% 2012, 62% avg. Sugar beets condition 25% fair, 59% good, 16% excellent; harvested 19%, 26% 2012, 11% avg. Alfalfa condition 2% very poor, 6% poor, 22% fair, 58% good, 12% excellent; third cutting 69%, 75% 2012, 55% avg. Range and pasture condition 10% very poor, 28% poor, 32% fair, 26% good, 4% excellent. Livestock condition 3% poor, 32% fair, 57% good, and 8% excellent. Converse County received the second frost of the season last week. Lincoln County reported a lot of rain and some snow in the higher elevations. Fall has arrived. Farming operations are wrapping up for the year as small grain harvest is completed. Uinta County reported snow in the high mountain areas. Precipitation has aided grazing on the hay meadows. Livestock are being moved home from summer ranges. Hay harvest continues for some. Some livestock shipping has occurred. Natrona County reported wet, heavy snow Thursday and Friday night. High temperatures ranged from 59 degrees at Lake Yellowstone to 87 degrees in Torrington. Low temperatures ranged from 24 degrees in Big Piney to 36 degrees in Chugwater. Average temperatures ranged from 37 degrees at Lake Yellowstone to 56 degrees in Torrington. Temperatures were below normal in 27 out of the 33 stations. Temperatures were 6 degrees below normal in both Lander and Cody and 6 degrees above normal in Buford. All reporting stations reported some precipitation, ranging from 0.07 inch in Big Piney to 1.72 inches in Worland. Thirteen stations are reporting above normal precipitation for the year thus far.

**International Weather and Crop Summary**

**September 22 - 28, 2013**

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

**EUROPE:** Drier, warmer weather allowed summer crop harvesting and winter crop planting to resume over much of the continent.

**FSU-WESTERN:** Locally heavy rain continued to hamper summer crop harvesting and winter wheat planting.

**FSU-EASTERN:** Showers returned, slowing the final stages of spring wheat harvesting.

**MIDDLE EAST:** Mostly dry weather encouraged winter wheat planting and summer crop harvesting, though showers caused fieldwork delays along the Mediterranean Coast and in the far north.

**SOUTH ASIA:** Torrential rainfall in western India reduced yield prospects for cotton.

**EAST ASIA:** Wet weather from the remnants of Super Typhoon Usagi delayed summer crop harvesting in southeastern China.

**SOUTHEAST ASIA:** Widespread monsoon rain continued to benefit rice in Thailand, while flooding returned to the northern Philippines.

**AUSTRALIA:** Warm, showery weather was near ideal for winter crops in the west, while unseasonably warm, dry weather hastened wheat development in the east.

**ARGENTINA:** Showers brought localized relief from dryness, but unseasonable cold slowed crop development.

**BRAZIL:** Rain continued in the south, hampering winter wheat harvesting but providing moisture for corn and soybeans.

**MEXICO:** Monsoon showers diminished, but beneficial rain continued across the southern plateau corn belt.

**CANADIAN PRAIRIES:** Locally heavy rain disrupted spring grain and oilseed harvesting.

**SOUTHEASTERN CANADA:** Mostly dry, frosty weather aided autumn fieldwork.

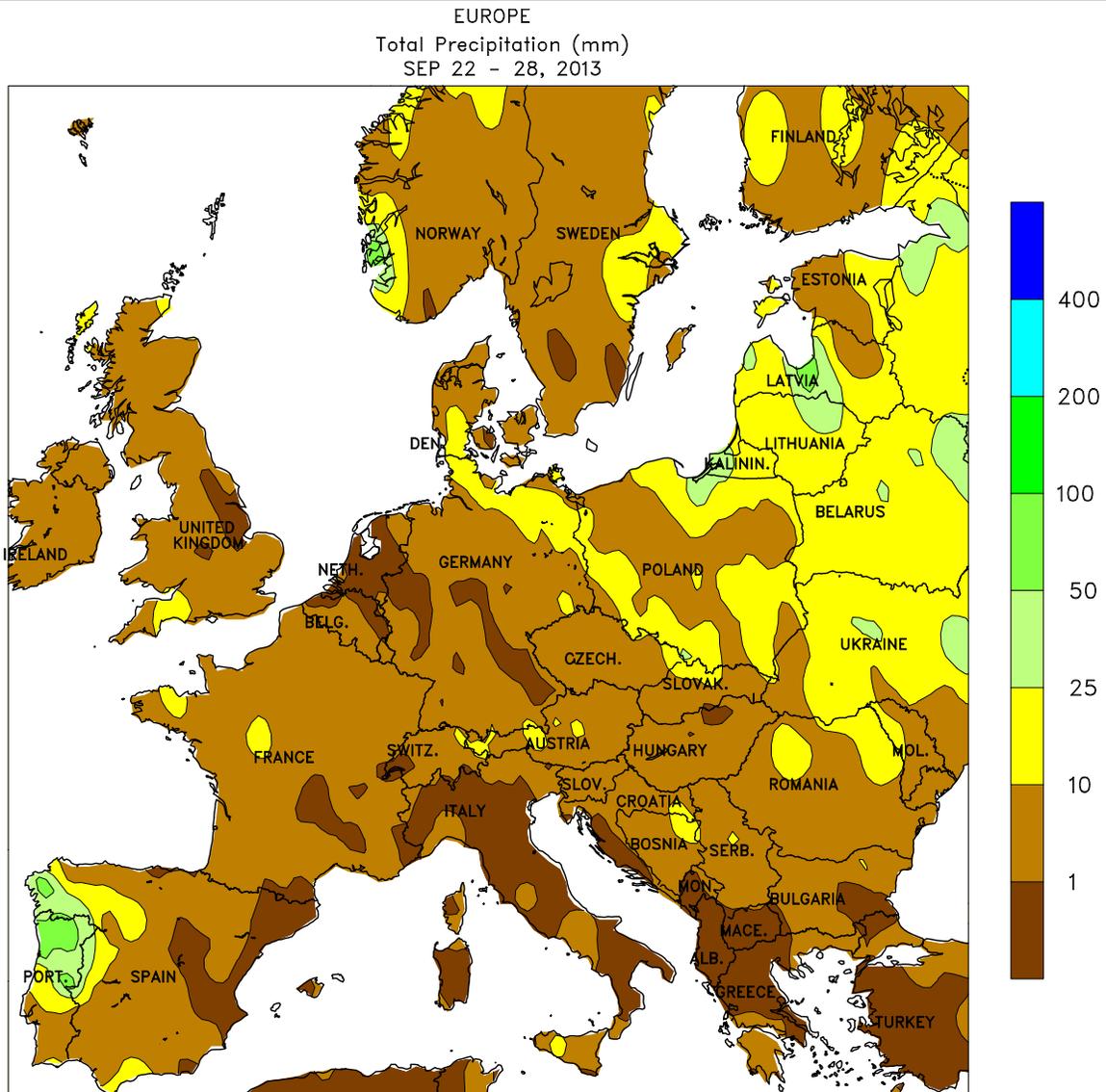
**September 2013**

COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	DEP AVG	NRM TOT	DEP NRM	
ALGERI	ALGER	29	19	34	13	24	1.1	14	-21
	BATNA	29	16	36	10	22	0.8	40	10
ARGENT	IGUAZU	25	14	35	4	20	-0.1	182	13
	FORMOSA	26	14	37	3	20	0	77	-20
	CERES	25	11	41	2	18	1.8	27	-18
	CORDOBA	22	6	40	-4	14	-0.8	4	-32
	RIO CUARTO	20	6	38	-3	13	-0.7	4	-41
	ROSARIO	21	9	37	1	15	0.8	39	-27
	BUENOS AIRES	18	8	34	1	13	-0.1	130	71
	SANTA ROSA	18	5	34	-4	12	-0.8	74	36
	TRES ARROYOS	15	6	27	-2	10	-0.4	92	33
AUSTRA	DARWIN	32	24	34	19	28	0	1	-15
	BRISBANE	25	15	29	11	20	1.8	37	1
	PERTH	20	11	23	4	15	0.7	169	91
	CEDUNA	26	11	35	4	18	3.5	7	-22
	ADELAIDE	21	12	27	8	16	2.9	84	18
	MELBOURNE	19	9	23	0	14	2.2	87	35
	WAGGA	20	7	27	1	14	2.2	39	-16
	CANBERRA	19	5	25	-2	12	2.1	98	42
AUSTRI	VIENNA	20	11	27	3	16	-0.4	79	17
	INNSBRUCK	20	10	29	5	15	0.8	79	-2
BAHAMA	NASSAU	32	25	34	23	29	1	141	-19
BARBAD	BRIDGETOWN	31	26	32	23	28	0.6	65	-71
BELARU	MINSK	16	9	22	0	12	0.6	52	-12
BERMUD	ST GEORGES	28	24	30	20	26	-0.9	248	129
BOLIVI	LA PAZ	17	-1	19	-8	8	-0.1	6	-27
BRAZIL	FORTALEZA	30	25	32	24	27	-0.2	13	-5
	RECIFE	27	23	29	19	25	-2.2	123	44
	CAMPO GRANDE	29	19	34	7	24	-0.2	150	77
	FRANCA	28	17	34	10	22	0.7	67	2
	RIO DE JANEIRO	28	19	37	15	24	1.6	61	-1
	LONDRINA	29	15	35	6	22	2.3	103	-10
	SANTA MARIA	23	13	35	3	18	1.2	67	-89
	TORRES	20	14	25	7	17	-2.4	142	5
BULGAR	SOFIA	23	10	29	3	17	0.1	27	-12
BURKIN	OUAGADOUGOU	33	24	37	21	29	1.2	164	27
CANADA	TORONTO	21	11	34	5	16	0.6	70	-8
	MONTREAL	20	10	31	4	15	0.6	96	5
	WINNIPEG	22	9	34	-1	15	3.1	35	-16
	REGINA	23	8	34	-1	15	3.6	0	-31
	SASKATOON	23	8	33	0	15	3.9	0	-29
	LETHBRIDGE	7	2	14	-2	4	-8.3	36	-4
	CALGARY	21	7	30	0	14	3.4	56	12
	EDMONTON	22	8	30	0	15	3.5	10	-31
	VANCOUVER	19	13	24	7	16	1	146	93
CANARY	LAS PALMAS	27	22	31	20	25	0.4	6	-3
CHILE	SANTIAGO	19	6	28	-2	12	1	3	-17
CHINA	HARBIN	22	11	28	4	16	1.7	32	-21
	HAMI	28	10	35	2	19	0.9	5	2
	LANCHOW	***	***	23	23	***	***	***	***
	BEIJING	25	17	32	8	21	0.8	71	24
	TIENTSIN	26	17	31	9	22	0.5	92	51
	LHASA	20	9	23	5	14	1	62	-6
	KUNMING	24	15	27	8	19	1.2	70	-50
	CHENGCHOW	29	19	36	12	24	2.6	11	-67
	YEHCANG	27	19	34	14	23	-0.4	220	111
	HANKOW	28	19	35	13	24	-0.6	208	129
	CHUNGKING	27	21	35	17	24	0.1	195	50
	CHIHKIANG	28	19	35	12	23	0.3	213	145
	WU HU	28	21	33	14	25	1.3	105	21
	SHANGHAI	28	23	35	16	25	1	61	-74
	NANCHANG	30	23	36	16	26	1.5	27	-42
	TAIPEI	31	26	35	21	28	0.7	81	-173
	CANTON	31	23	35	19	27	0	221	68
	NANNING	30	23	34	18	26	-0.8	145	21
COLOMB	BOGOTA	19	9	23	2	14	0.9	47	-11
COTE D	ABIDJAN	28	24	29	22	26	0.9	84	23
CUBA	HAVANA	31	23	33	20	27	0	49	-96
CYPRUS	LARNACA	31	20	36	15	26	0.4	6	4
CZECHR	PRAGUE	17	9	25	1	13	-0.2	49	7

Based on Preliminary Reports

## September 2013

COUNTRY	CITY	TEMPERATURE					PRECIP.			COUNTRY	CITY	TEMPERATURE					PRECIP.														
		AVG	AVG	HI	LO	DEP	NRM	TOT	DEP			AVG	AVG	HI	LO	DEP	NRM	TOT	DEP												
		MAX	MIN	MAX	MIN	AVG						MAX	MIN	MAX	MIN	AVG						MAX	MIN	MAX	MIN	AVG					
DENMAR	COPENHAGEN	18	11	23	5	14	0.6	34	-28	MAURIT	NOUAKCHOTT	36	27	43	23	31	1.9	63	30	MEXICO	GUADALAJARA	26	18	29	16	22	1.3	130	-30		
EGYPT	CAIRO	33	22	42	19	28	0.6	0	*****																						
	ASWAN	40	26	44	21	33	1.1	0	0																						
ESTONI	TALLINN	16	9	22	1	12	1.6	23	-52																						
ETHIOP	ADDIS ABABA	22	12	26	7	17	1.0	100	-76	MOROCC	CASABLANCA	26	21	29	18	24	1.4	14	9												
F GUIA	CAYENNE	33	23	34	22	28	1.1	102	33																						
FIJI	NAUSORI	27	21	31	15	24	1.1	146	-14	MOZAMB	MAPUTO	***	***	39	11	***	*****	1	-46												
FINLAN	HELSINKI	16	8	23	-1	12	2.1	36	-33	N KORE	PYONGYANG	26	17	31	9	21	2.1	49	-55												
FRANCE	PARIS/ORLY	21	12	33	8	17	0.5	38	-17	NOW CA	NOUMEA	24	18	28	15	21	0.5	24	-18												
	STRASBOURG	22	11	31	7	17	1.4	60	-2	NIGER	NIAMEY	36	25	42	21	30	1.4	24	-65												
	BOURGES	22	13	33	8	18	1.7	52	-11	NORWAY	OSLO	15	7	22	-2	11	1.8	26	-63												
	BORDEAUX	24	15	34	10	19	1.6	68	-21	NZEALA	AUCKLAND	17	10	20	3	14	*****	135	*****												
	TOULOUSE	25	15	32	9	20	1.7	22	-29																						
	MARSEILLE	27	16	32	12	21	1.2	48	-10	P RICO	SAN JUAN	33	26	36	23	29	1.2	195	53												
GABON	LIBREVILLE	28	24	30	23	26	0.8	45	-61	PAKIST	KARACHI	34	26	40	24	30	1.2	4	-6												
GERMAN	HAMBURG	18	10	28	3	14	0.3	42	-27	PERU	LIMA	19	15	21	14	17	-0.2	5	3												
	BERLIN	17	10	26	4	14	-0.7	32	-12	PHILIP	MANILA	31	25	33	22	28	-0.3	704	338												
	DUSSELDORF	20	11	33	3	15	-0.3	63	-5	PNEWGU	PORT MORESBY	30	24	31	22	27	0.9	46	13												
	LEIPZIG	18	10	29	2	14	-0.2	51	8	POLAND	WARSAW	16	9	24	2	13	-0.4	48	1												
	DRESDEN	17	11	26	2	14	-0.7	56	6		LODZ	16	8	23	0	12	-1.5	57	9												
	STUTTGART	19	11	29	5	15	0.3	43	-15		KATOWICE	17	8	24	-1	12	-1.4	61	5												
	NURNBERG	18	10	29	3	14	0.3	64	13	PORTUG	LISBON	28	19	34	15	23	2.3	21	-10												
	AUGSBURG	18	9	27	3	14	-0.3	57	-13	ROMANI	BUCHAREST	24	10	30	3	17	-0.6	56	15												
GREECE	THESSALONIKA	28	16	32	11	22	0.3	23	-3	RUSSIA	ST.PETERSBURG	16	9	22	2	13	1.5	41	-25												
	LARISSA	31	15	37	9	23	1.1	14	-16		KAZAN	15	10	22	1	13	1.4	175	127												
	ATHENS	***	21	32	15	***	*****	0	-3		MOSCOW	13	9	19	-1	11	-0.2	93	28												
GUADEL	RAIZET	31	24	32	19	28	0.2	162	-37		YEKATERINBURG	15	8	22	0	12	2.1	10	-43												
HONGKO	HONG KONG INT	32	27	35	24	29	0.9	215	-82		OMSK	16	6	29	0	11	0.5	18	-17												
HUNGAR	BUDAPEST	20	11	27	5	16	-0.7	32	-11		BARNAUL	16	6	27	-2	11	-0.2	34	-2												
ICELAN	REYKJAVIK	***	***	11	5	***	*****	*****	*****		KHABAROVSK	19	10	27	-1	14	0.8	60	-26												
INDIA	AMRITSAR	34	24	36	20	29	0.6	15	-61		VLADIVOSTOK	19	13	25	7	16	0.6	70	-67												
	NEW DELHI	35	25	37	23	30	0.7	106	-12		VOLGOGRAD	18	10	27	0	14	-0.8	106	83												
	AHMEDABAD	34	25	38	24	30	0.8	219	120		ASTRAKHAN	22	13	28	4	17	0.0	51	32												
	INDORE	31	21	35	19	26	0.1	127	-27		ORENBURG	20	10	28	3	15	1.3	55	28												
	CALCUTTA	34	26	36	25	30	0.8	268	-71	S AFRI	PRETORIA	28	13	35	4	21	1.8	4	-18												
	VERAVAL	31	26	35	24	28	0.7	132	41		JOHANNESBURG	24	11	30	-2	17	1.5	2	-29												
	BOMBAY	31	25	33	22	28	0.4	190	-157		BETHAL	26	8	33	-5	17	2.4	15	-15												
	POONA	30	21	32	18	25	0.1	222	78		DURBAN	24	14	33	6	19	-0.4	50	-25												
	BEGAMPET	31	23	34	20	27	0.3	164	26		CAPE TOWN	17	9	29	5	13	-0.7	68	25												
	VISHAKHAPATNAM	32	26	34	23	29	0.4	212	32	S KORE	SEOUL	26	18	31	11	22	0.9	115	-7												
	MADRAS	34	25	36	22	29	-0.4	193	53	SAMOA	PAGO PAGO	30	25	31	23	28	0.7	206	19												
	MANGALORE	30	23	31	22	26	-0.3	353	66	SENEGA	DAKAR	31	26	33	24	28	0.7	192	45												
INDONE	SERANG	33	23	34	21	28	0.0	39	-35	SPAIN	VALLADOLID	26	12	33	8	19	1.1	34	4												
IRELAN	DUBLIN	17	10	23	4	13	0.2	37	-26		MADRID	30	15	34	11	22	1.8	29	6												
ITALY	MILAN	25	16	29	10	20	1.3	13	-75		SEVILLE	32	19	37	17	26	0.8	9	-18												
	VERONA	27	16	32	11	21	2.4	22	-53	SWITZE	ZURICH	19	12	29	7	15	1.4	64	-28												
	VENICE	***	***	27	12	***	*****	*****	*****		GENEVA	21	12	30	8	17	1.4	64	-32												
	GENOA	25	20	30	16	22	0.4	0	-95	SYRIA	DAMASCUS	34	16	40	10	25	1.2	0	*****												
	ROME	26	17	31	12	21	0.3	18	-54	TAHITI	PAPEETE	28	22	29	19	25	0.0	37	-12												
	NAPLES	28	18	33	15	23	1.9	42	-45	TANZAN	DAR ES SALAAM	31	20	33	18	26	1.4	8	-22												
JAMAIC	KINGSTON	33	26	34	23	30	1.0	109	-22	THAILA	PHITSANULOK	32	23	34	21	28	-0.9	360	132												
JAPAN	SAPPORO	23	16	28	7	19	1.5	129	-4		BANGKOK	33	26	37	24	29	0.5	364	16												
	NAGOYA	30	21	33	15	26	2.0	211	-19	TOGO	LOME	29	25	30	23	27	1.1														



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

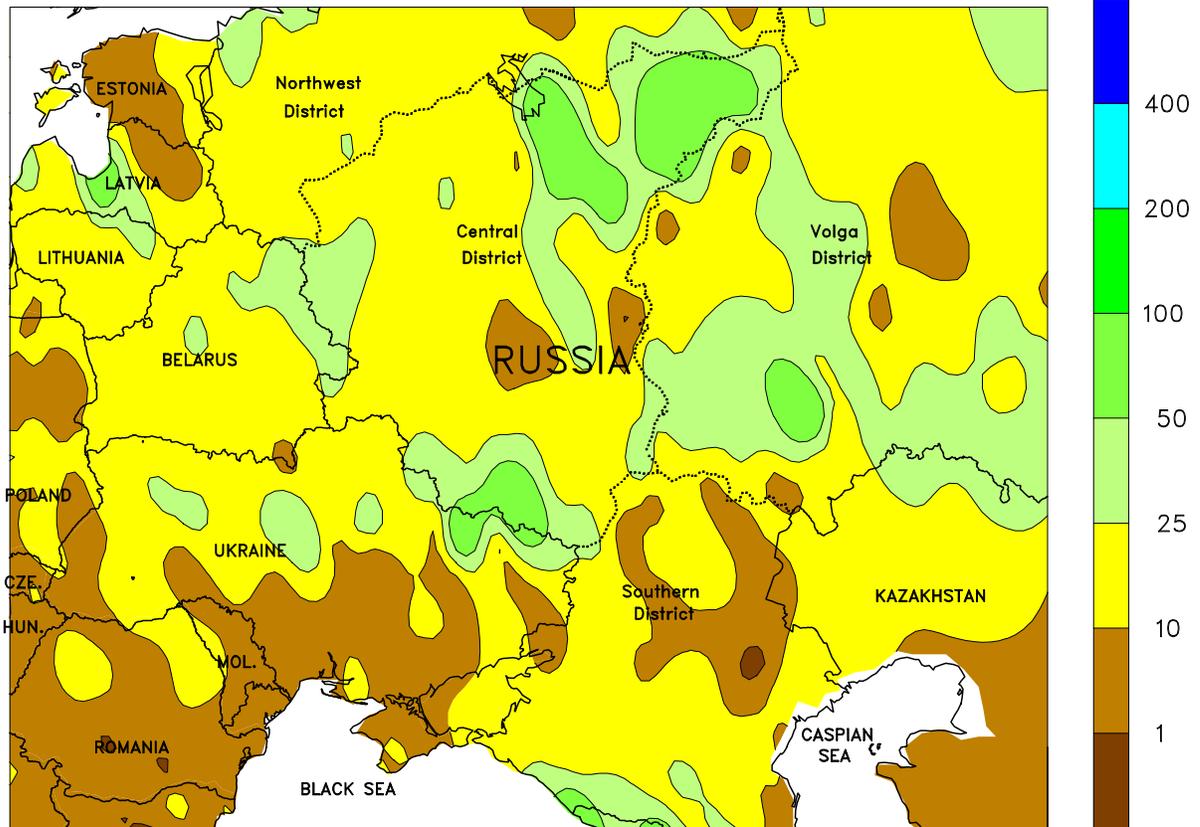


**EUROPE**

The return of drier, warmer weather over much of the continent allowed fieldwork to resume. After 2 weeks of almost continuous rainfall, the respite allowed producers to resume summer crop harvesting and winter crop planting across much of northern, central, and southern Europe. However, showers (2-15 mm) lingered from northeastern Germany into the Baltic States, maintaining fieldwork delays across northeastern growing areas. Showers returned to western France and the

Iberian Peninsula late in the period, providing soil moisture for winter grain planting and establishment. Cooler-than-normal conditions (1-3°C below normal) settled over the eastern third of the continent, although no season-ending freezes were reported. In contrast, temperatures averaged up to 5°C above normal from Ireland and the United Kingdom southward into France, Italy, and Spain, favoring summer crop drydown and winter crop emergence.

WESTERN FSU  
Total Precipitation (mm)  
SEP 22 - 28, 2013



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

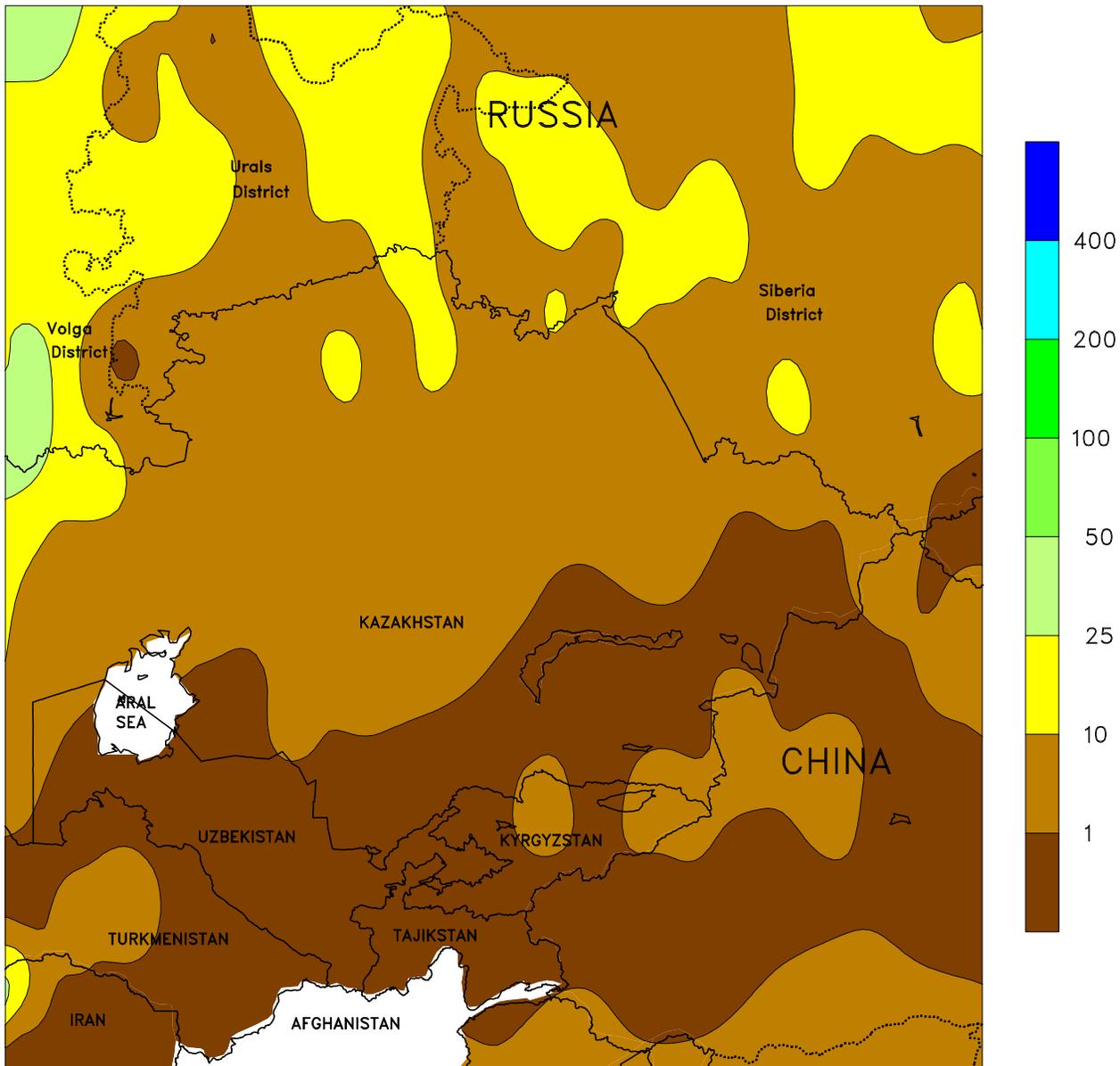


**WESTERN FSU**

A slow-moving storm system maintained cold, wet weather across much of the region. Rainfall totaled 10 to more than 50 mm from Belarus and Ukraine into western and southern Russia, further hampering summer crop harvesting and winter wheat planting. Amounts less than 10 mm were confined to a relatively small portion of southern Ukraine, though some rain

was still reported (2-10 mm). Cold air surged southward across the region, with the season's first freeze (-5 to -1°C) observed from Belarus into the western Volga District; consequently, winter wheat emergence — already delayed by wet weather — was further slowed by the cold air's arrival in northern portions of the region.

EASTERN FSU  
Total Precipitation (mm)  
SEP 22 - 28, 2013



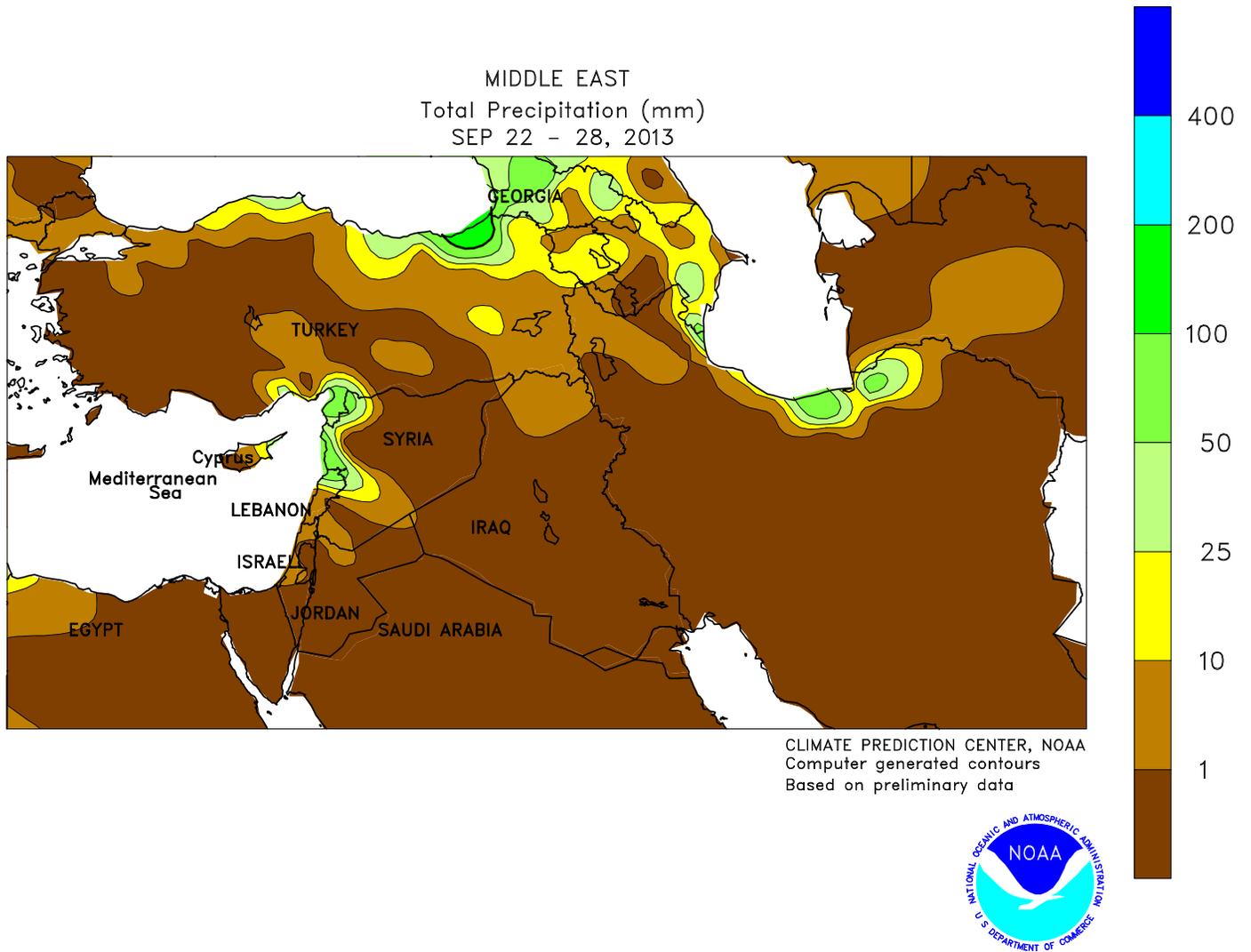
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**EASTERN FSU**

After a favorable stretch of dry weather, showers returned to the region. The rain, which totaled 5 to nearly 20 mm, slowed the final stages of spring wheat harvesting in northern Kazakhstan and Russia's Siberia District. However,

temperatures were generally mild (up to 3°C above normal), minimizing the risk of an untimely snowfall. Farther south, dry, hot weather (35-40°C) promoted cotton harvesting from Turkmenistan into Kyrgyzstan.

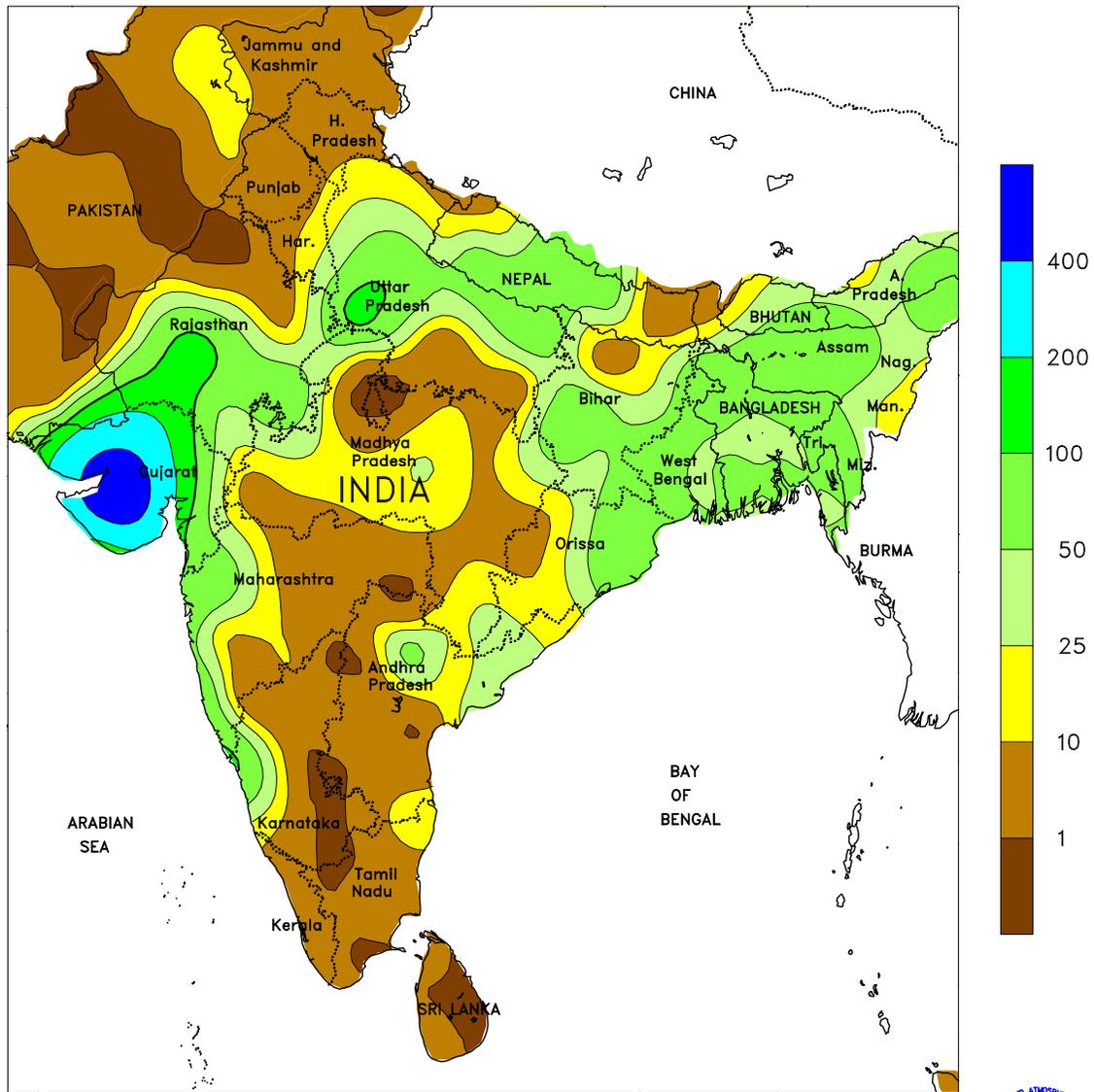


**MIDDLE EAST**

Dry weather promoted fieldwork across much of the region, although showers developed over northern-most growing areas and the Mediterranean Coast. A weakening cold front triggered light to moderate showers (2-50 mm, locally more) along the northern coasts of Turkey and Iran, causing summer crop harvest delays but providing early season

moisture for winter barley and wheat. Showers also developed along the eastern Mediterranean Coast, impacting the harvest of Syrian specialty crops, including oranges, lemons, and grapes. Across the rest of the region, seasonably dry conditions promoted summer crop harvesting and early winter grain planting.

SOUTH ASIA  
 Total Precipitation (mm)  
 SEP 22 - 28, 2013



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

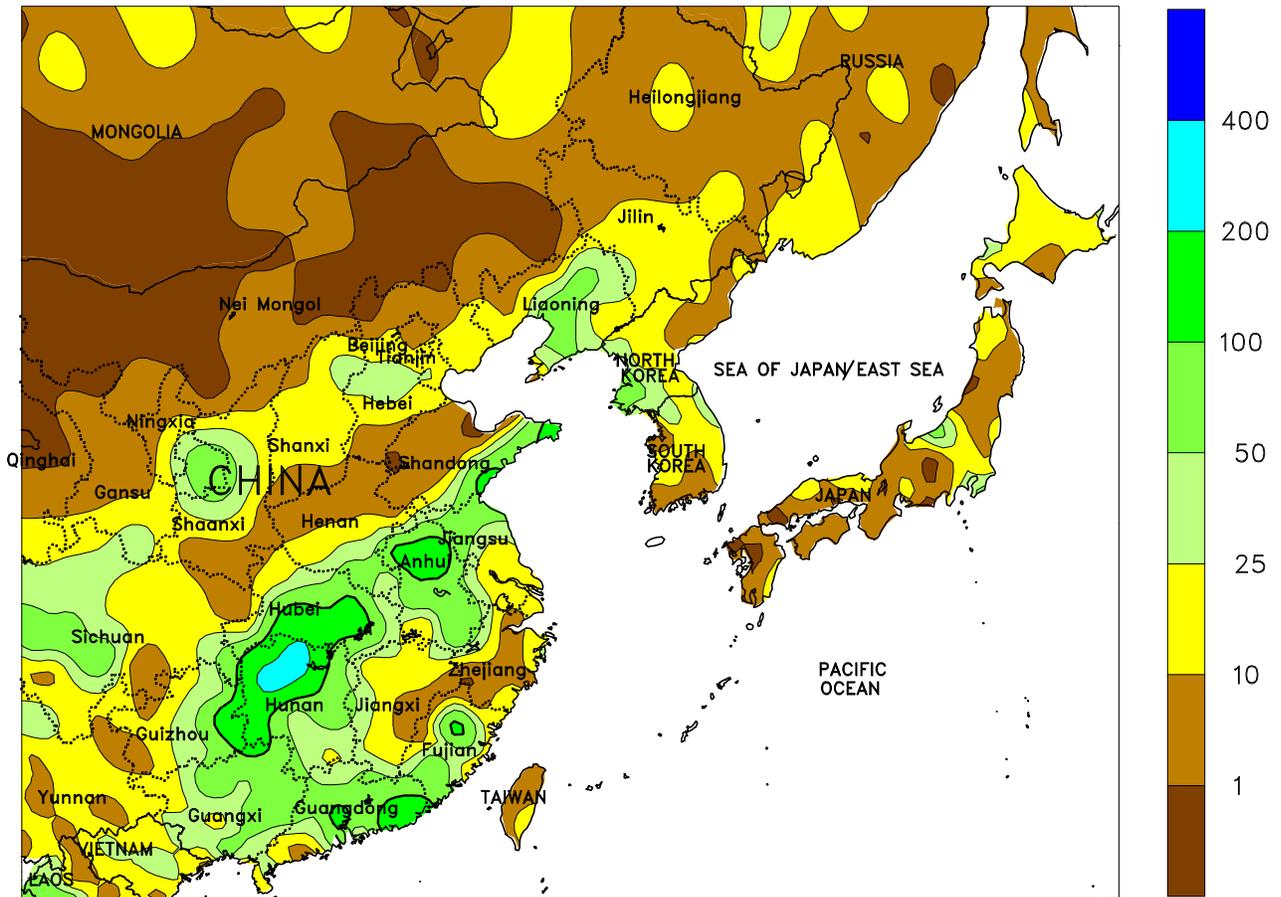


**SOUTH ASIA**

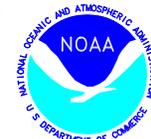
A stalled monsoon boundary produced heavy rainfall (50-125 mm) across previously dry areas of western and northern India. In particular, torrential rainfall occurred in key cotton areas of Gujarat (the largest cotton producer in India), where a report of 650 mm raised concerns of widespread damage to bolls that were open or beginning to open. At one point, the rainfall rates topped 25 mm per hour and threatened to strip unopened cotton bolls from plants. In contrast, mostly dry conditions prevailed in central India, benefiting maturation of

early planted summer crops, while 10 to 25 mm in Madhya Pradesh provided beneficial moisture to filling soybeans. Meanwhile in eastern India, monsoon showers (50-100 mm) maintained favorable moisture supplies for rice in most districts. In other parts of the region, dry weather facilitated cotton and rice harvesting in Pakistan but made rice transplanting difficult in Sri Lanka, while seasonable showers (25-75 mm) in Bangladesh maintained adequate moisture supplies for aman rice.

EASTERN ASIA  
Total Precipitation (mm)  
SEP 22 - 28, 2013



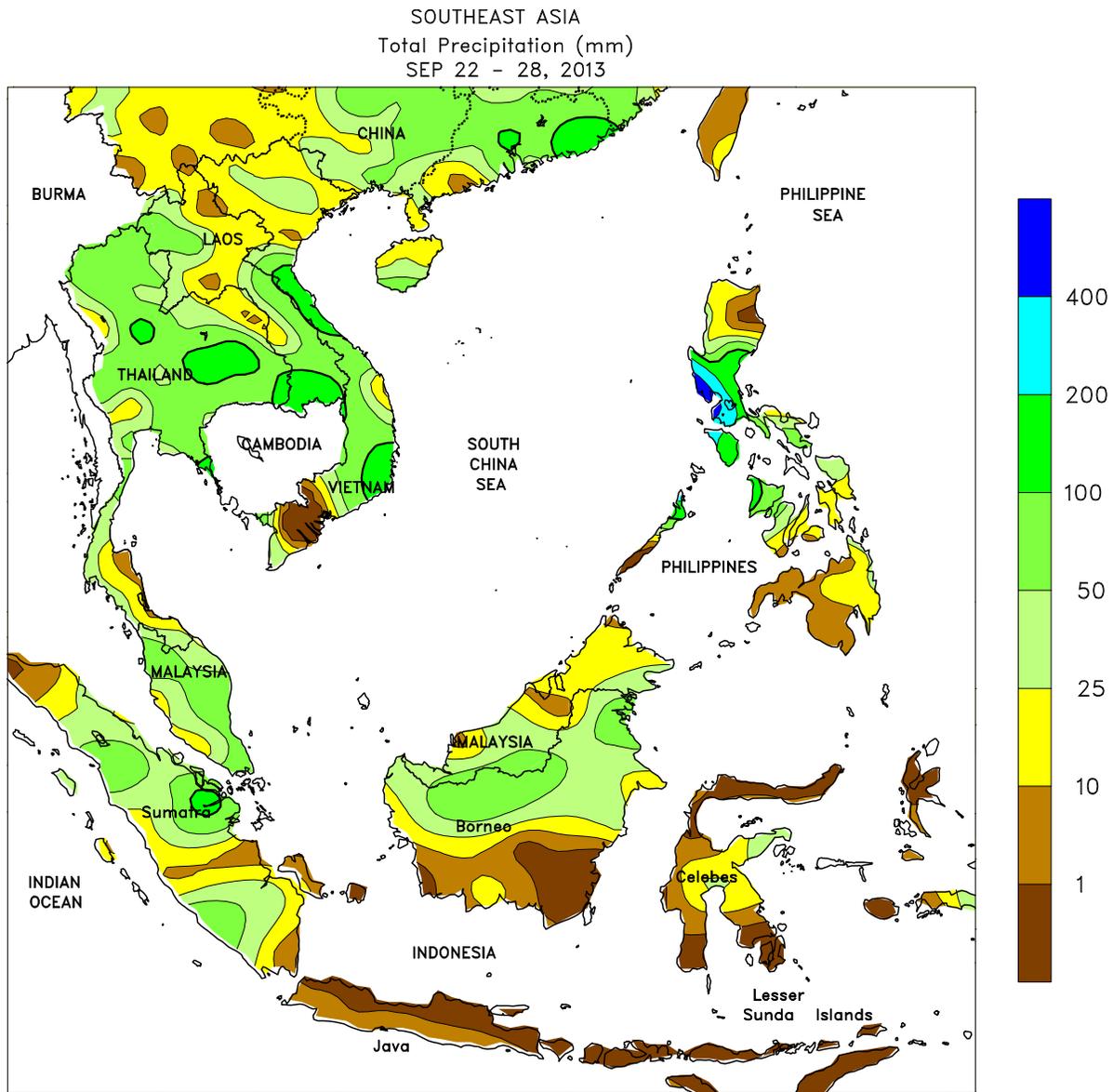
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



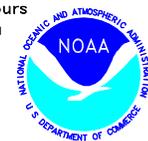
**EASTERN ASIA**

Wet weather prevailed across much of southeastern China from the remnants of Super Typhoon Usagi. After making landfall in Guangdong early in the period, Usagi pushed inland and was swept up by a cold front draped across the Yangtze Valley. The resulting rainfall (100-200 mm) caused localized flooding and hampered summer crop harvesting, including rice that was damaged from hot, dry weather during the growing season. On the North China Plain, mostly dry weather

prevailed, with a brief period of light rain (1-10 mm) benefiting filling corn and other late-planted summer crops. Meanwhile in northeastern China, mild weather and some light showers (1-10 mm) promoted corn development as localized frost had no widespread impact. Elsewhere in the region, warm, mostly dry weather aided rice maturation in South Korea and Japan, while heavy showers (50-75 mm) in North Korea provided unfavorable wetness for maturing rice.



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

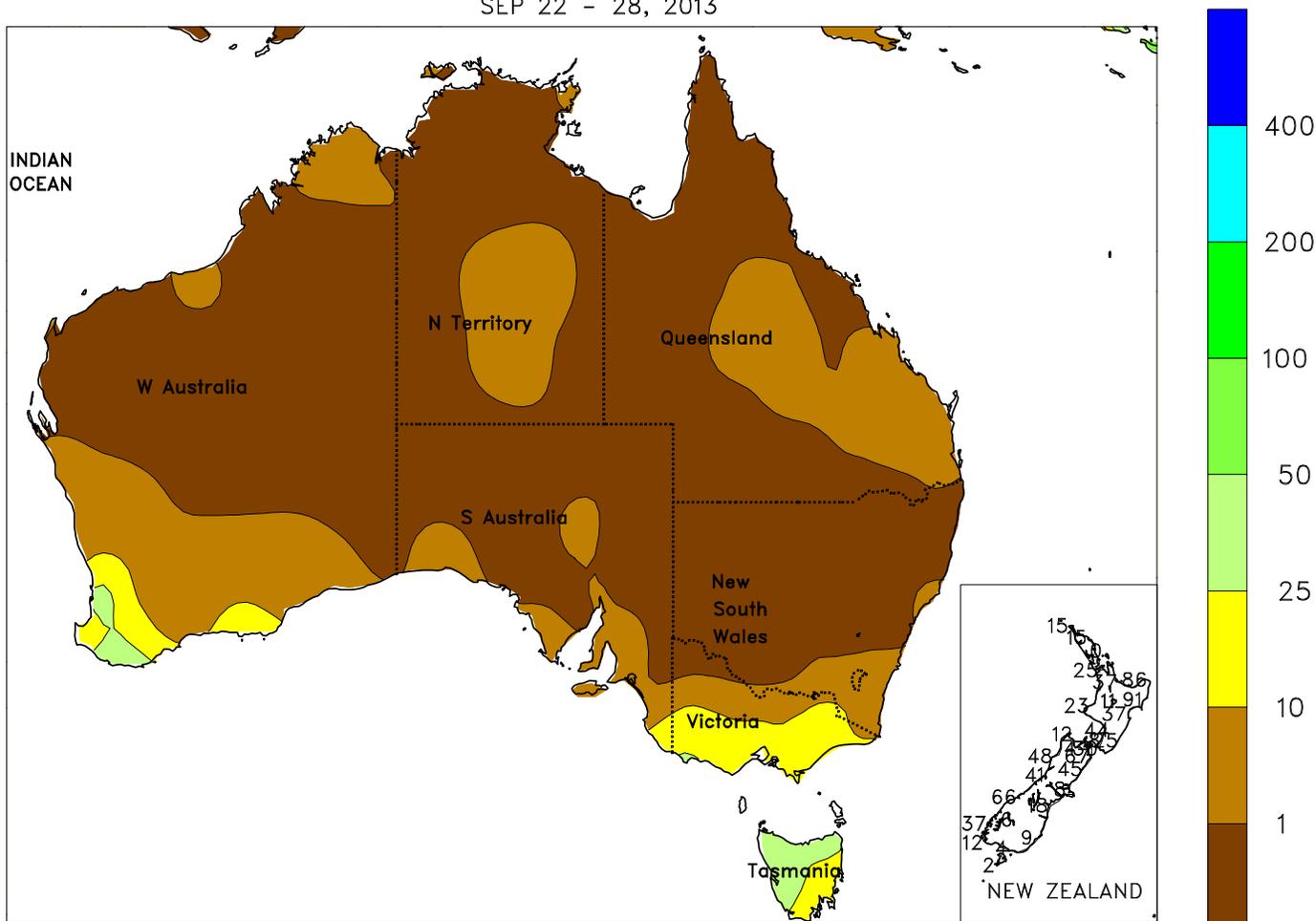


**SOUTHEAST ASIA**

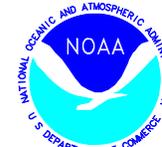
Widespread monsoon showers (50-100 mm) maintained adequate to abundant moisture supplies for rice from Thailand into Vietnam. The highest rainfall totals (over 100 mm), however, maintained localized flooding in eastern Thailand and slowed coffee harvesting in central Vietnam. More flooding occurred in the northeastern Philippines, where over 600 mm of rain drenched coastal crop areas. The immense amount of rain occurred with the passage of Super Typhoon Usagi to the north early in the week and renewed

concerns of damage to rice and corn in parts of western Luzon. Elsewhere in the Philippines, seasonable showers (25-100 mm) maintained favorable moisture conditions for rice and corn. Meanwhile, rainfall continued to increase in oil palm areas of Malaysia, where upwards of 100 mm occurred on the peninsula and lesser amounts (25-50 mm) in Sarawak and Sabah. Similar rainfall amounts occurred in the adjacent areas of Indonesia — 100 mm in Sumatra and 50 to 75 mm in Kalimantan.

AUSTRALIA  
Total Precipitation (mm)  
SEP 22 - 28, 2013



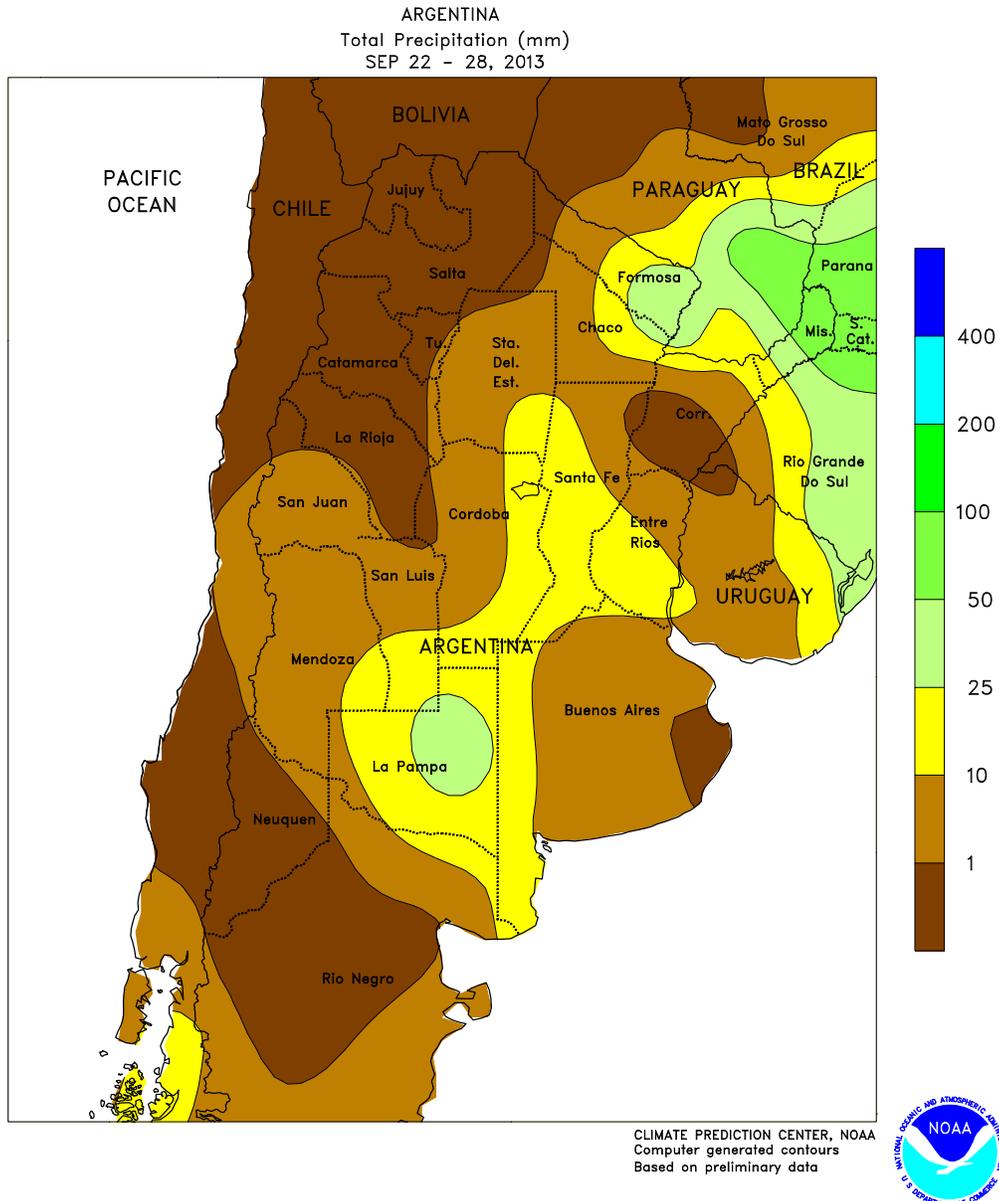
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**AUSTRALIA**

In Western Australia, warm, showery weather (5-20 mm) maintained near ideal conditions for winter grains and oilseeds, which are advancing through the temperature- and moisture-sensitive reproductive and filling stages of development. In southeastern Australia, mostly sunny skies (generally less than 10 mm) and abundant moisture supplies maintained good to excellent crop prospects for wheat, barley, and canola. Mostly dry, unseasonably warm weather

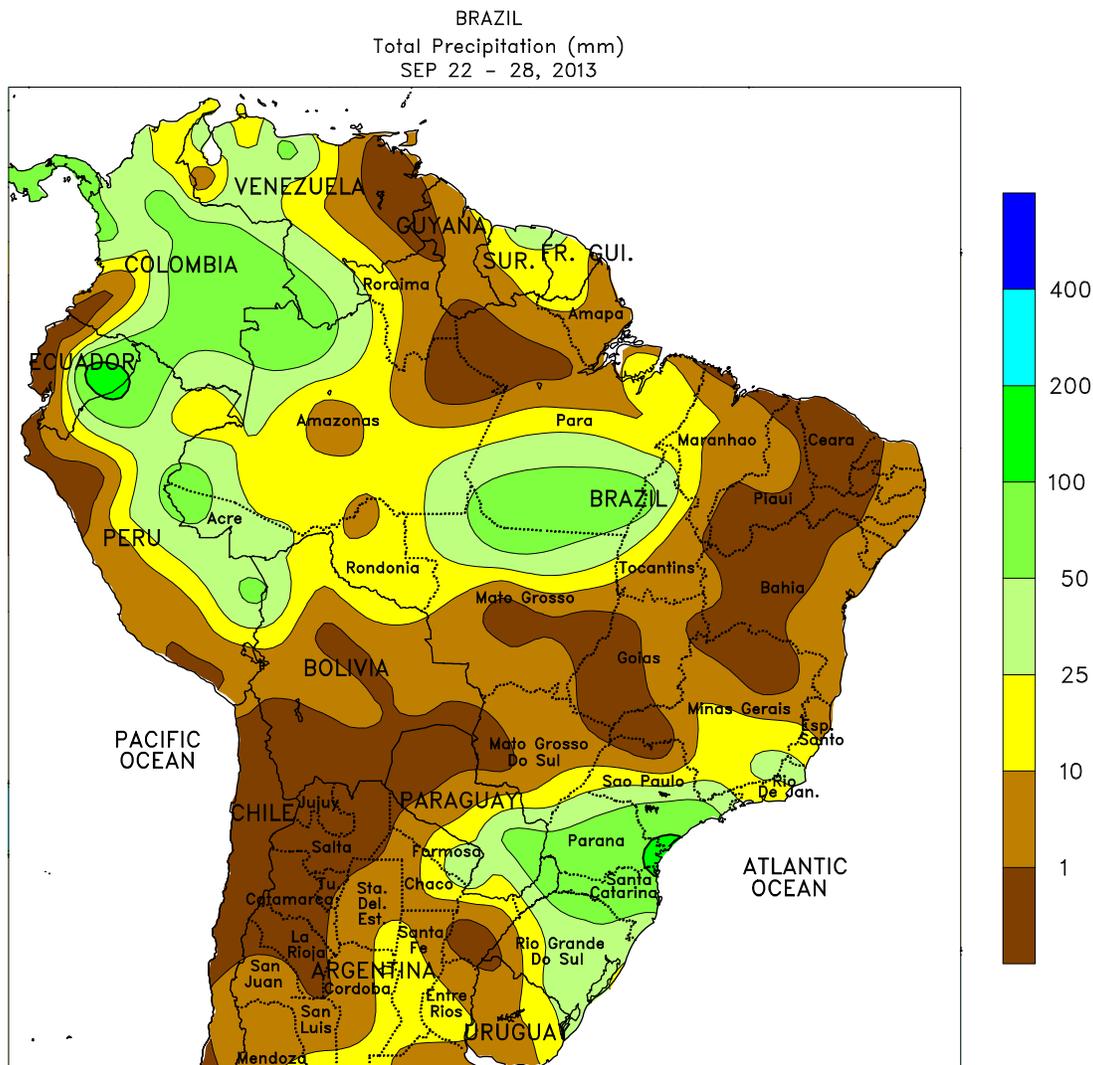
returned to northern New South Wales and southern Queensland, hastening winter wheat development but likely spurring summer crop sowing in the wake of last week's rainfall. Temperatures in eastern Australia averaged about 2 to 5°C above normal, with maximum temperatures approaching the middle 30s degrees C in some northern areas. In southern and western Australia, temperatures averaged slightly above normal (up to 2°C above normal).



**ARGENTINA**

Rain brought some localized relief from dryness, although moisture remained limited for development of winter grains and newly planted summer crops. Rainfall totaled more than 10 mm over much of central Argentina, with heavier amounts (greater than 25 mm) recorded at week’s end in La Pampa as a new system approached the region. However, little to no rain fell in key farming areas in western and northern sections of Cordoba, which have yet to receive suitable amounts of rainfall for agriculture. Dry weather also persisted in the northwest (including Santiago del Estero, Salta, and western portions of Chaco and Formosa)

but scattered, locally heavy showers (5-50 mm) increased moisture for crops — including newly planted corn and sunflowers — farther east. Weekly temperatures averaged 3 to 4°C below normal throughout the region, with freezes occurring as far north as Salta on several days during the first part of the week. The unseasonable cold (temperatures at or below -2°) slowed winter grain development and reportedly caused localized damage to vulnerable crops. According to Argentina’s Ministry of Agriculture, sunflowers were 15 percent planted as of September 26 versus 34 percent last year.



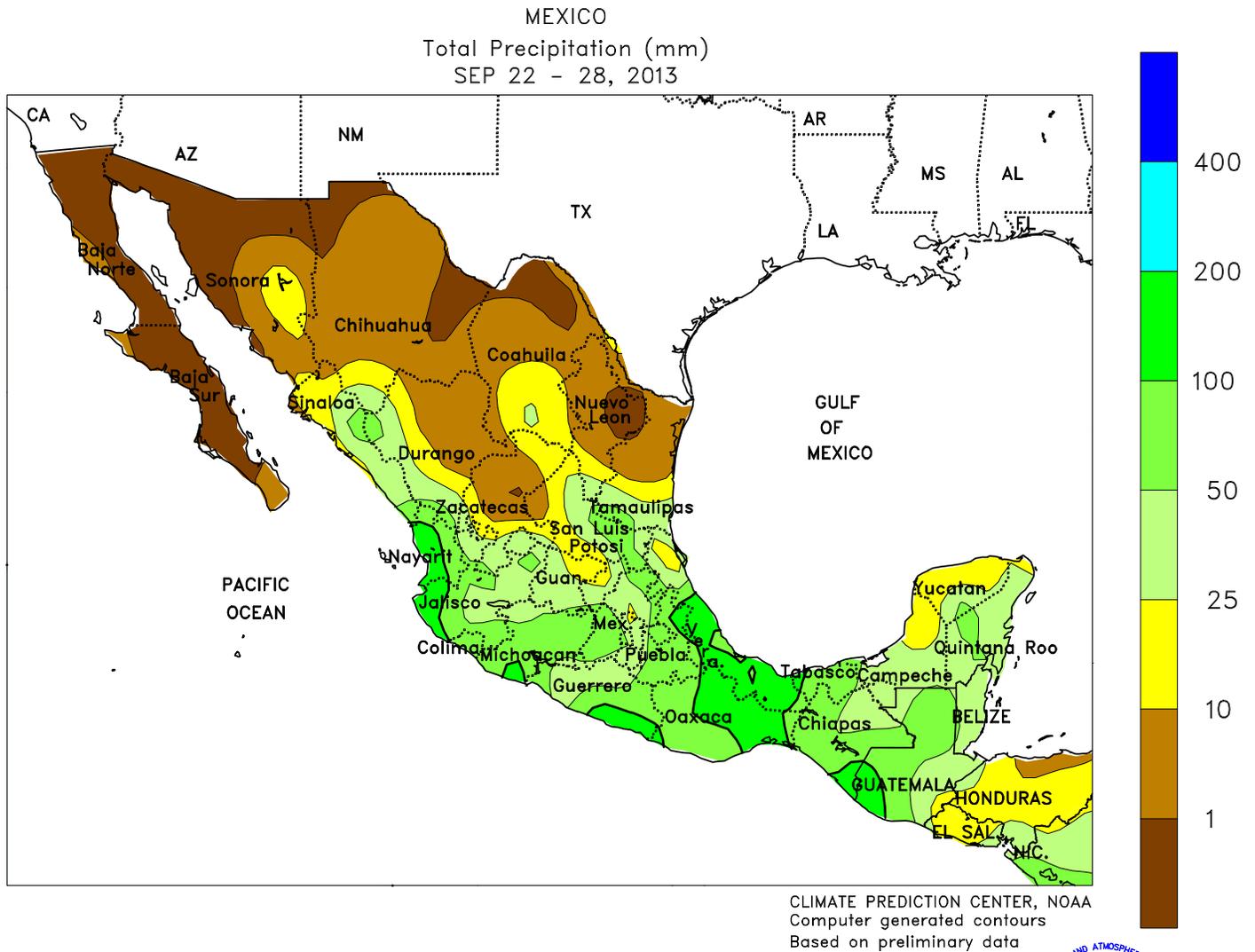
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**BRAZIL**

Locally heavy rain continued in sections of southern Brazil, maintaining ample moisture for germination and establishment of corn and soybeans but disrupting winter wheat harvests. Rainfall totaling 25 to 100 mm extended from Rio Grande do Sul to southern Sao Paulo, with lighter amounts (greater than 10 mm) recorded in parts of southern Minas Gerais. Drier conditions prevailed, however, in Mato Grosso do Sul and northern Sao Paulo, aiding fieldwork that included late sugarcane harvesting. Weekly temperatures averaged near to below normal throughout the aforementioned areas, with nighttime lows falling below 5°C in the traditionally cooler locations in and around Santa

Catarina. Dry weather prevailed farther north, the exception being northern Mato Grosso, where moderate rain (greater than 25 mm) provided additional moisture for soybean planting in northern-most production areas. Weekly average temperatures were 1 to 3°C above normal throughout much of the northeastern interior, with daytime highs reaching 40°C as far south and east as Minas Gerais. The heat and dryness are delaying planting of soybeans and other summer row crops in predominantly rain-fed agricultural areas of central Brazil, (notably southern Mato Grosso to western Bahia), although fieldwork typically commences rapidly in these areas upon the arrival of seasonal rains.

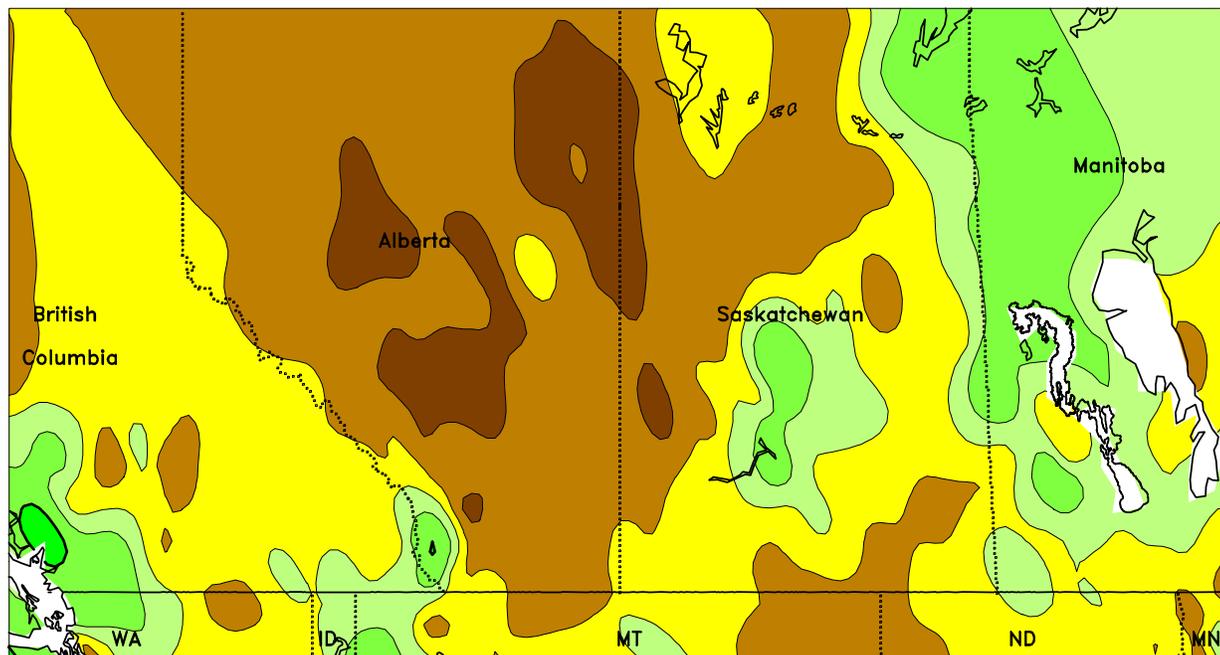


**MEXICO**

Seasonably drier conditions prevailed across the north due to the weakening of the monsoon circulation. Little to no rain was recorded along a line extending from southern Sinaloa and northern Veracruz northward to the U.S. border. However, scattered, locally heavy showers (25-100 mm) continued across the southern plateau, maintaining generally favorable levels of late-season moisture for summer corn and other rain-fed summer crops. Similar amounts were recorded along the southern Pacific Coast and the southeast — including central and southern Veracruz — but drier conditions prevailed on the

Yucatan Peninsula. Weekly temperatures averaged 1 to 2°C above normal throughout much of Mexico, with daytime highs in the middle and upper 20s (degrees C) fostering development of filling to maturing crops on the southern plateau. Temperatures averaged closer to normal in the northwest, although daytime highs often exceeded 35°C in traditionally warmer locations of Sonora and northern Sinaloa. Although seasonal rainfall typically tapers off this time of year in the northwest, additional rainfall is needed to help reservoirs recover from several years of below-average levels.

CANADIAN PRAIRIES  
Total Precipitation (mm)  
SEP 22 - 28, 2013



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

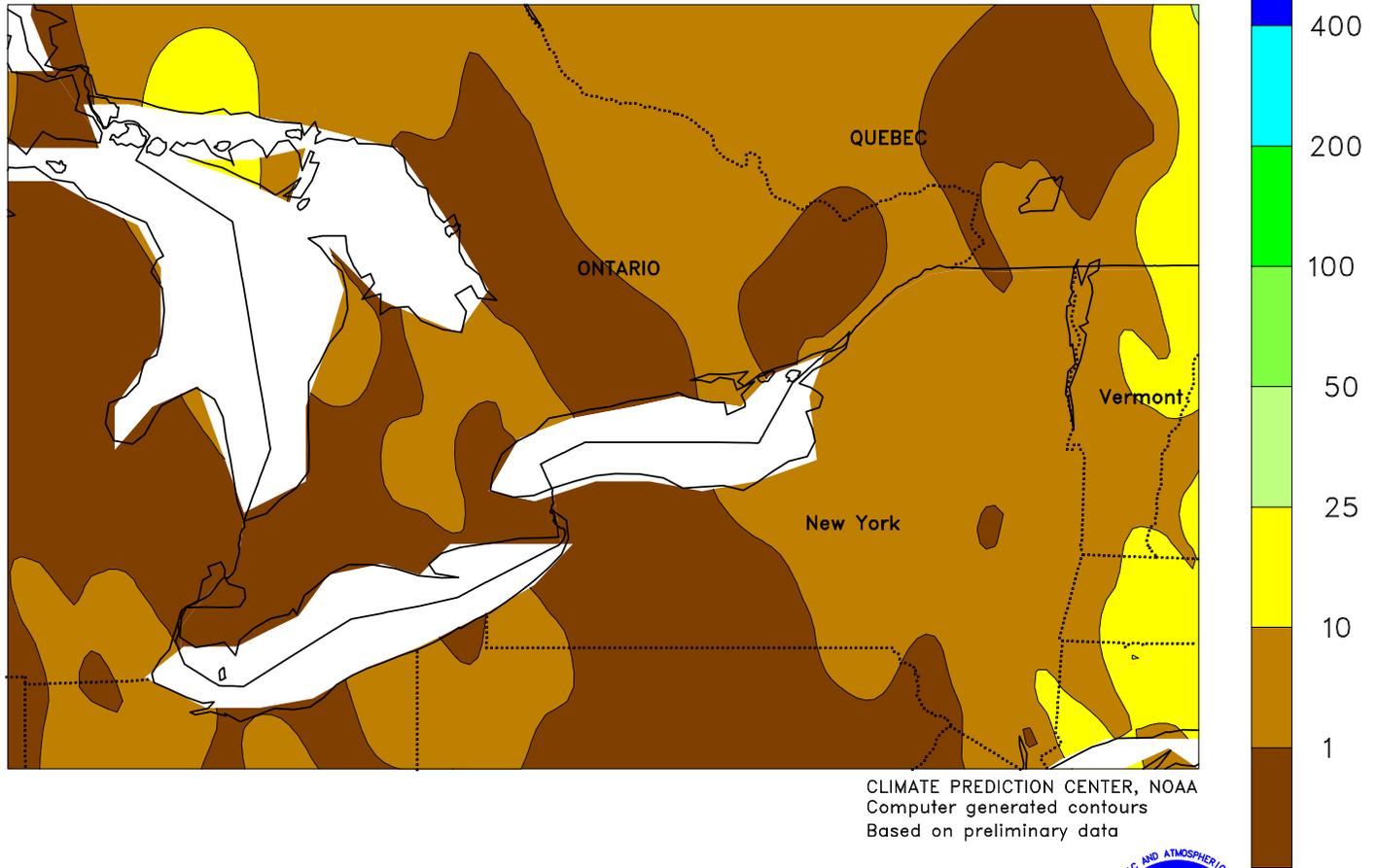


**CANADIAN PRAIRIES**

Locally heavy rain slowed harvesting of spring grains and oilseeds. Rainfall totaled 10 to 50 mm (locally higher) over large sections of Saskatchewan and Manitoba, ending an extended period of favorable conditions for spring crop maturation, drydown, and harvesting. Many locations recorded heavy rain over a relatively short period of time, likely resulting in localized lodging. According to the government of Saskatchewan, crops were 71 percent harvested as of September

23. In contrast, drier conditions prevailed in Alberta, following last week's locally heavy rain. Additionally, weekly temperatures averaged near to below normal in Alberta and western Saskatchewan, and sections of the southwestern Prairies recorded their first autumn freeze. Warmer conditions (weekly temperatures averaging 2-4°C above normal) prevailed in the eastern Prairies, with daytime highs reaching the upper 20s (degrees C) in the Red River Valley.

SOUTHEASTERN CANADA  
Total Precipitation (mm)  
SEP 22 - 28, 2013



**SOUTHEASTERN CANADA**

Mostly dry, albeit cool, weather prevailed in most major agricultural areas of Ontario and Quebec. Most of the rain that fell (less than 10 mm, most locations) came at the beginning of the week as a system was exiting the region; showers were generally widely scattered and light for the remainder of the

week. Weekly temperatures averaged 1 to 2°C below normal across the region, with nighttime lows falling below 5°C at most locations. Patchy frost was possible in key farming areas of southwestern Ontario, where low temperatures of 0 to 2°C were reported, but no widespread freeze was recorded.

# 2013 Small Grains Summary

The following information was released by USDA's Agricultural Statistics Board on September 30, 2013.

**All wheat** production totaled 2.13 billion bushels in 2013, down 6 percent from 2012. Grain area totaled 45.2 million acres, down 8 percent from the previous year. The U.S. yield is estimated at a record high of 47.1 bushels per acre, up 0.8 bushel from the previous year. The levels of production and changes from 2012 by type are winter wheat, 1.53 billion bushels, down 7 percent; other spring wheat, 532 million bushels, down 2 percent; and Durum wheat, 61.5 million bushels, down 26 percent.

**Oat** production is estimated at 66.0 million bushels, up 3 percent from 2012 but the third lowest production on record. Yield is estimated at 64.0 bushels per acre, up 2.7 bushels from the previous year. Harvested area, at 1.03 million acres, is slightly below last year. This is the second-lowest acreage harvested for grain on record.

**Barley** production is estimated at 215 million bushels, down 2 percent from 2012. Average yield per acre, at 71.7 bushels, is up 3.8 bushels from the previous year. Producers seeded 3.48 million acres in 2013, down 4 percent from last year. Harvested area, at 3.00 million acres, is down 8 percent from 2012.

**Note:** This issue (Vol. 100, No. 40) of the *Weekly Weather and Crop Bulletin* was delayed 17 days by the lapse in federal appropriations that occurred from October 1 – 16, 2013. Two future issues (Vol. 100, Nos. 41 and 42), originally scheduled to be released on October 8 and 16, respectively, will be published in a stripped-down format that will include basic maps and tabular information. Volume 100, Number 43, to be issued on its originally scheduled date of October 22, will include multi-week summaries for the *Bulletin's* international areas. Finally, the “National Agricultural Summary” and the “State Agricultural Summaries” were not prepared for the weeks of September 30 – October 6 and October 7 – 13; the “Crop Progress and Condition Tables” were not issued for the weeks ending October 6 and 13; and the “September Agricultural Summary” was cancelled.

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