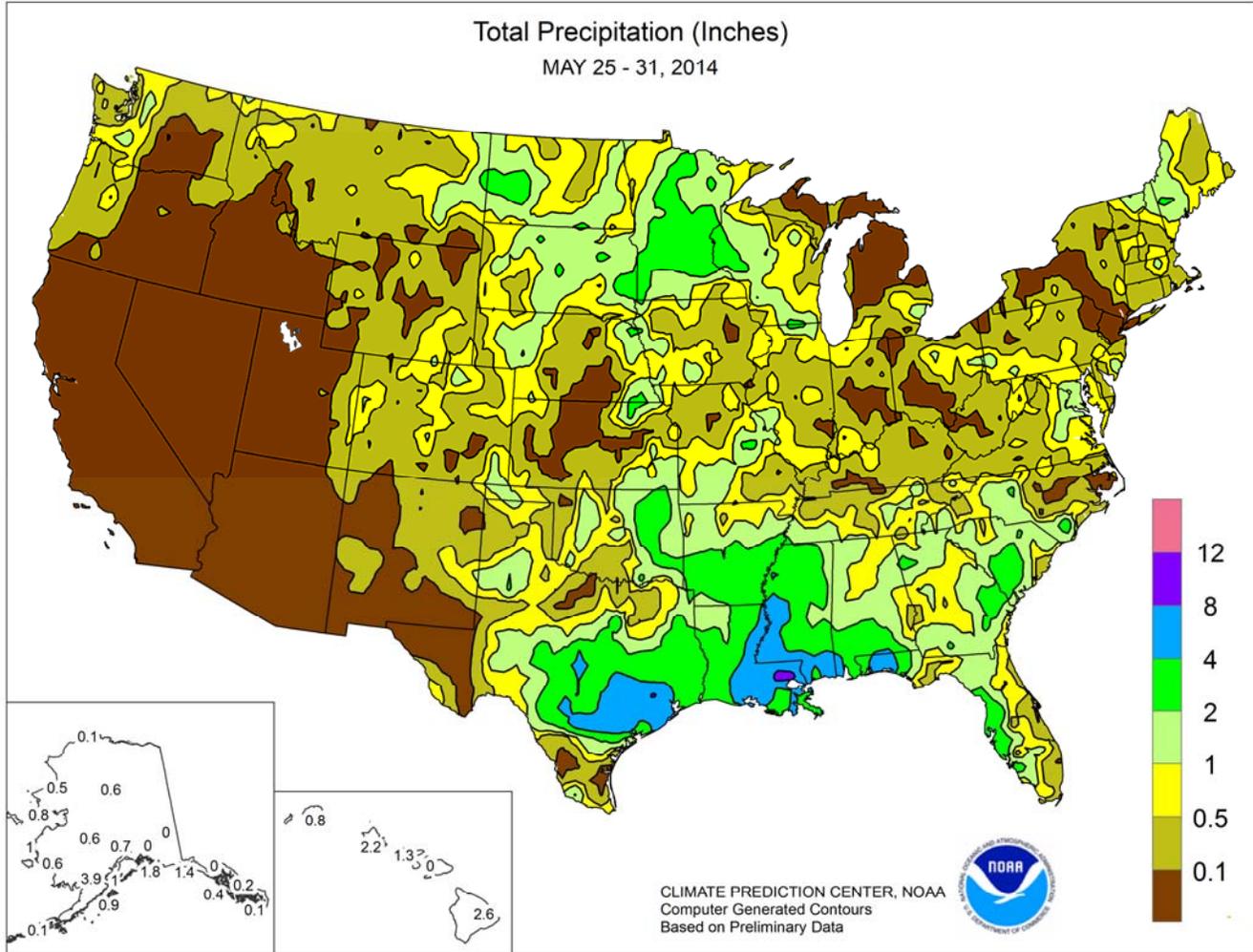


# WEEKLY WEATHER AND CROP BULLETIN



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

### May 25 – 31, 2014

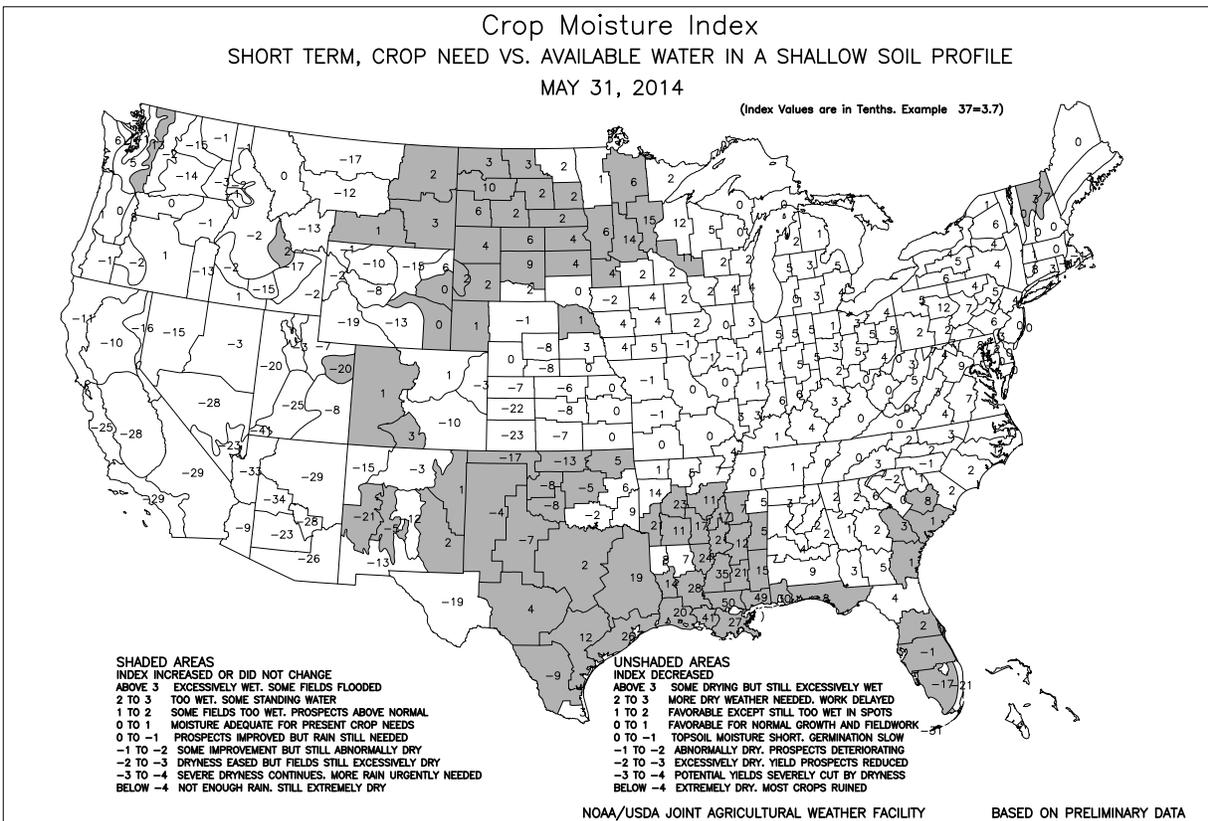
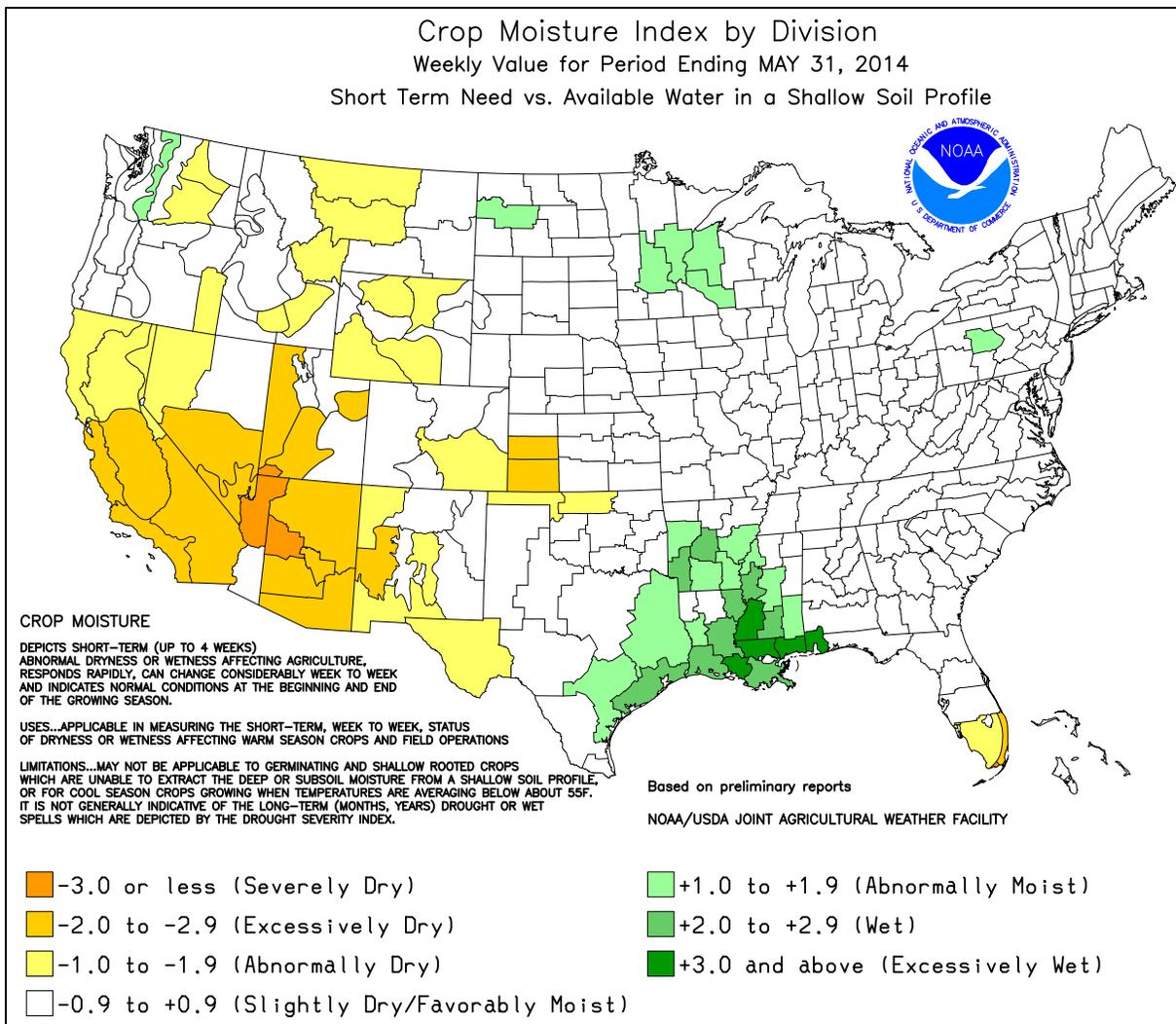
Highlights provided by USDA/WAOB

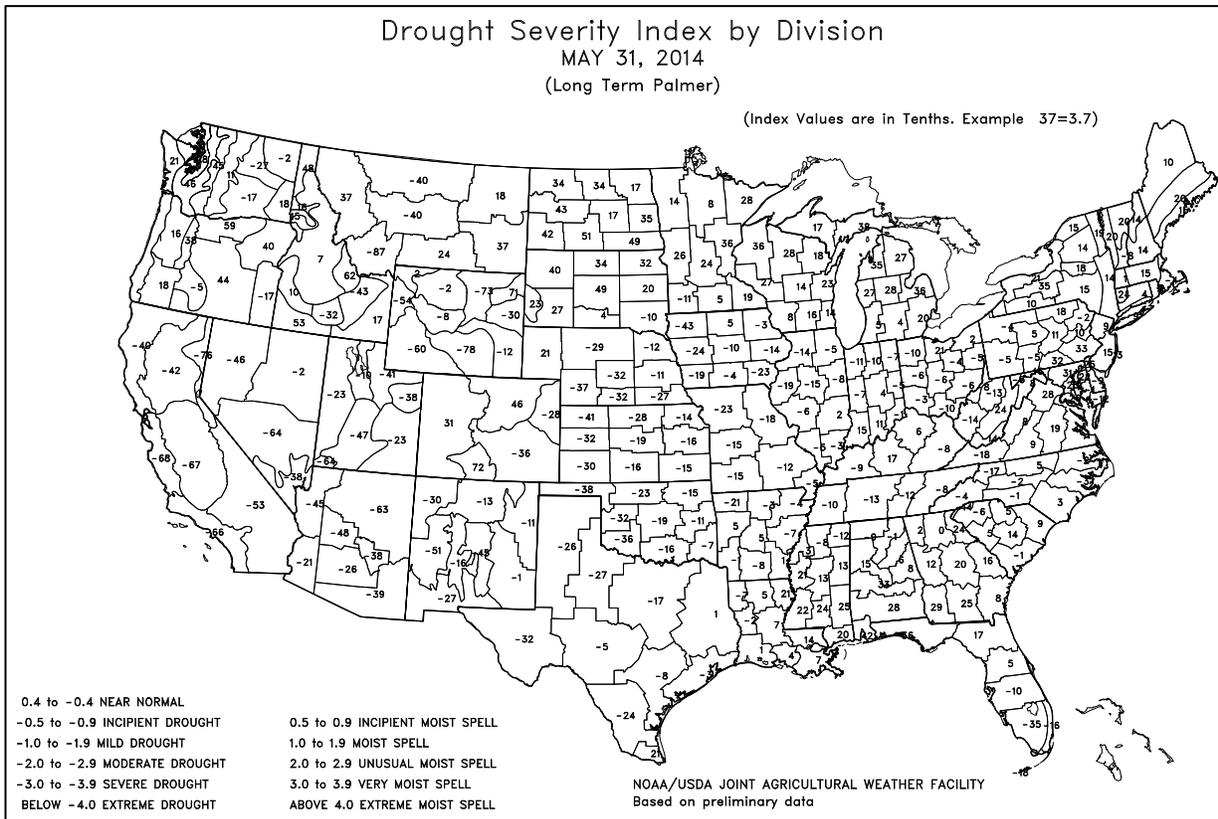
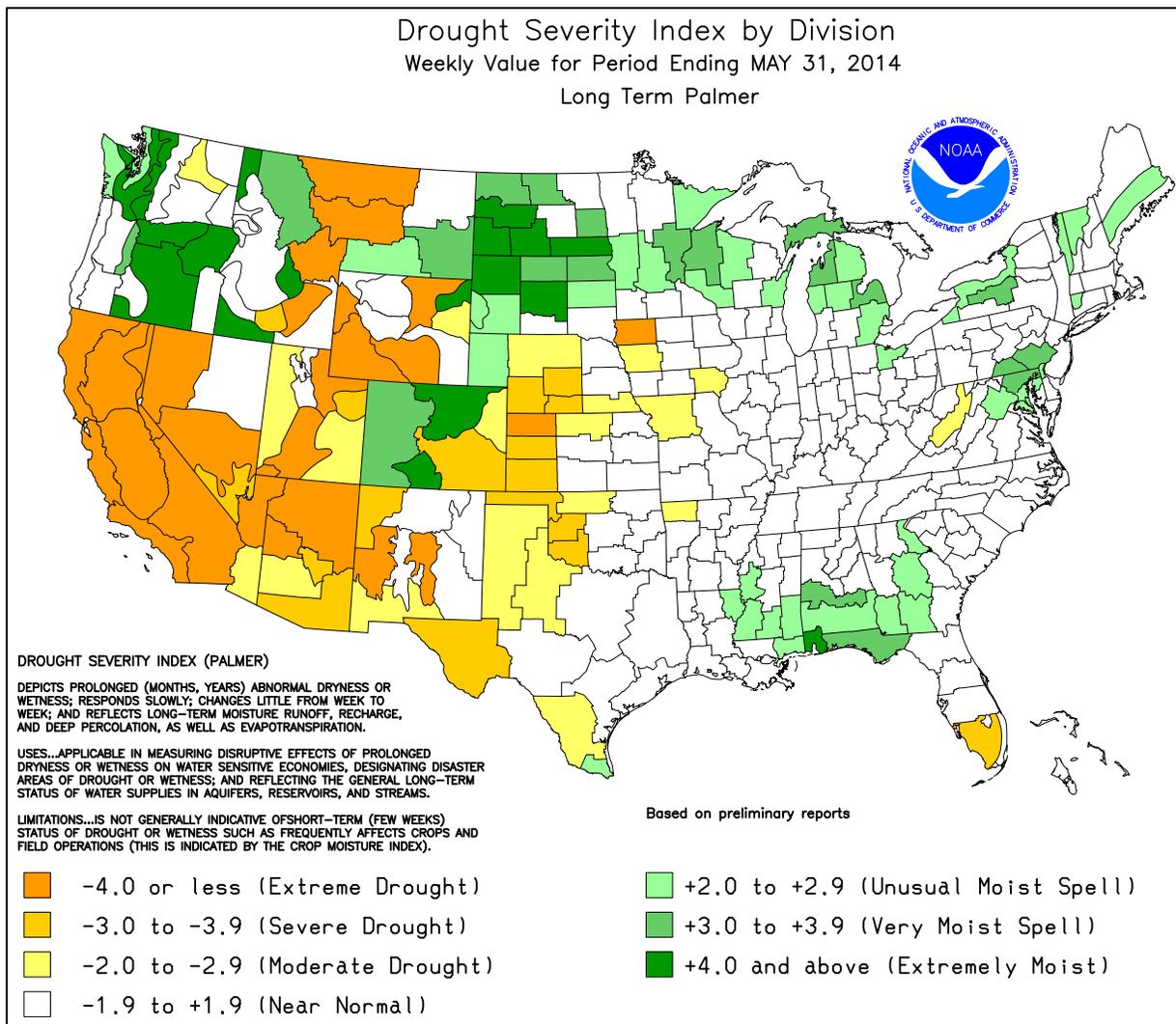
In a continuation from last week, heavy rain associated with a slow-moving storm shifted eastward across the **South**. Rain was especially heavy from **central and eastern Texas to western Florida**, with many locations reporting at least 4 to 8 inches. While rain fell across the **South**, most of the remainder of the country experienced several days of warm, mostly dry weather. In the **West**, heat favored fieldwork and crop development, but also boosted irrigation demands and increased stress on some rain-fed crops. In recent weeks, topsoil moisture shortages

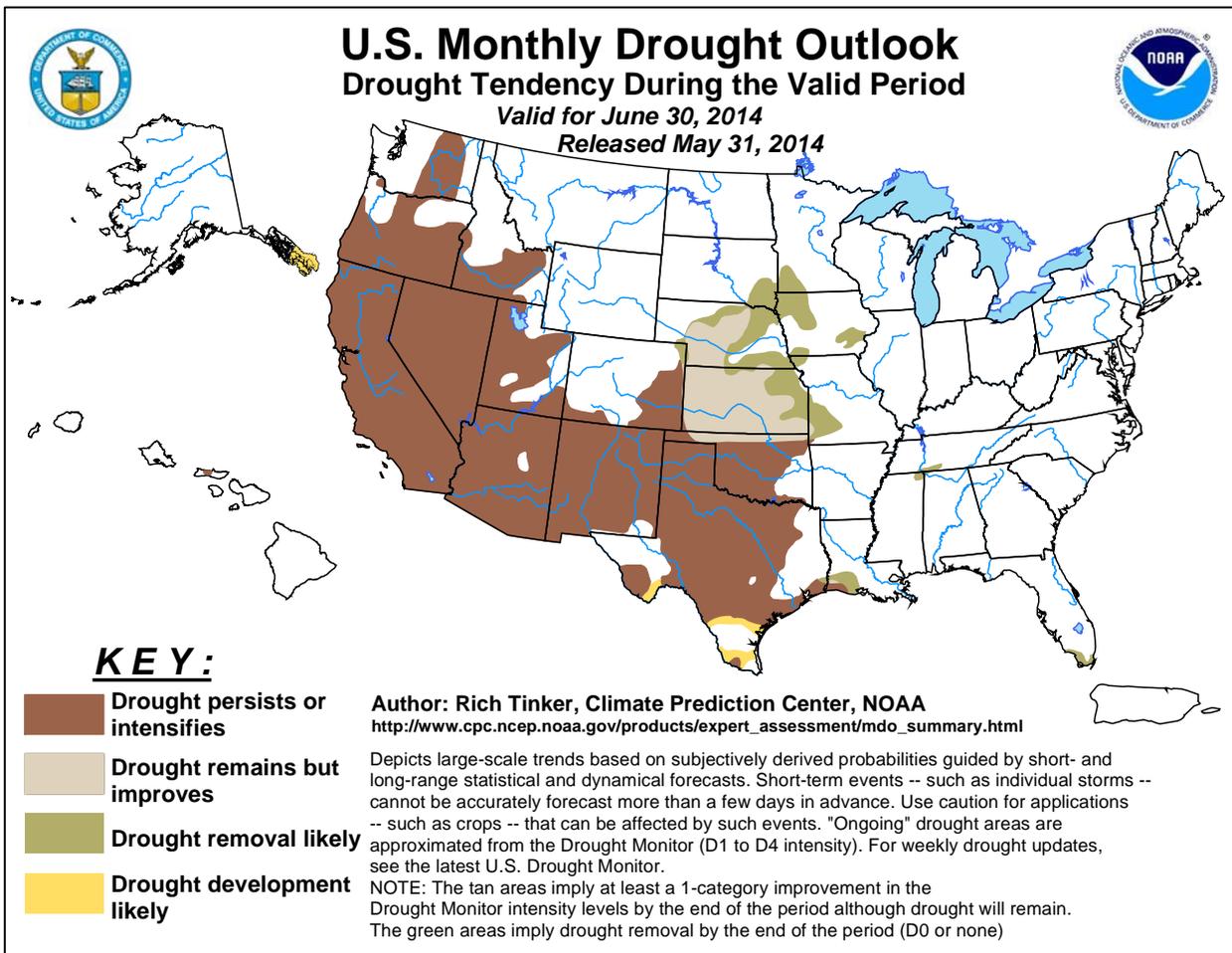
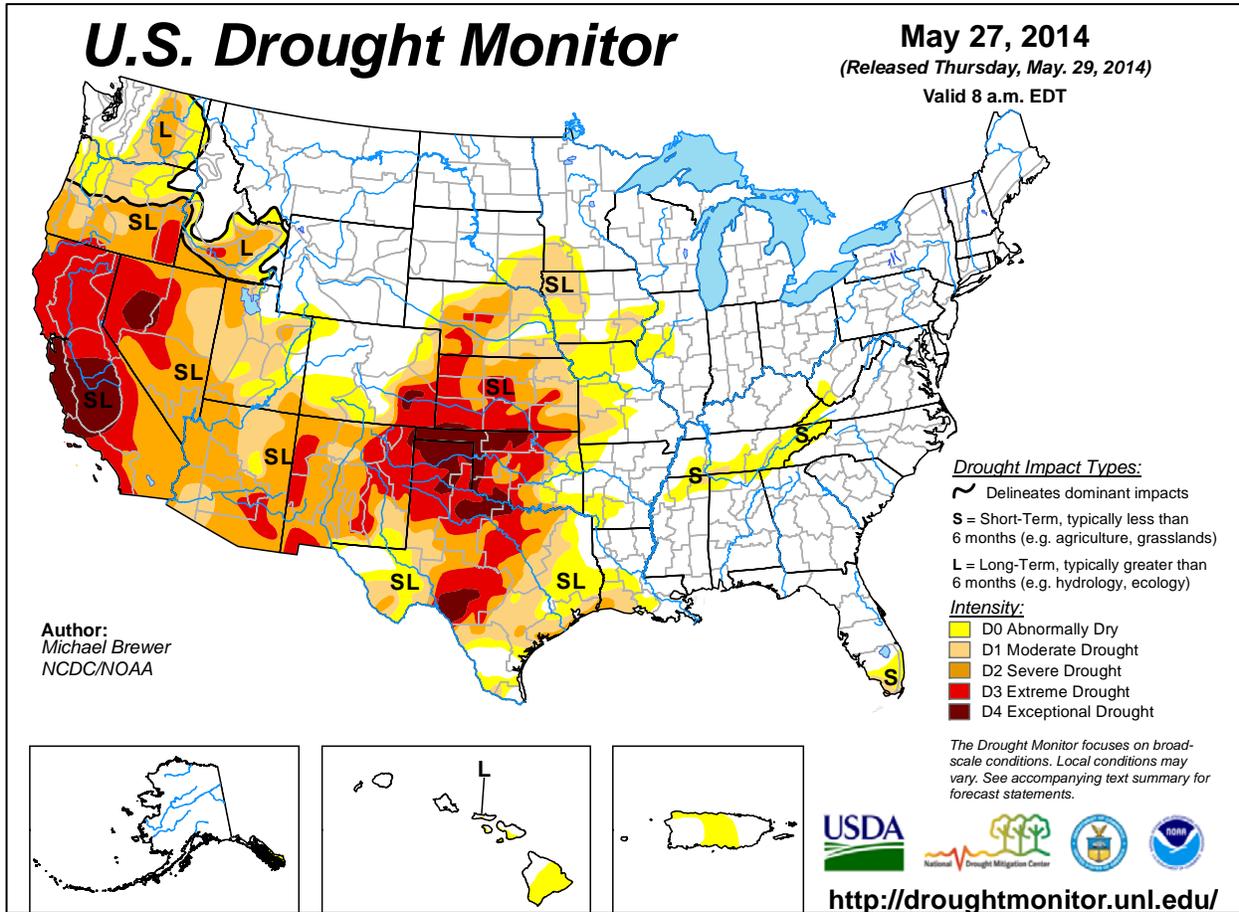
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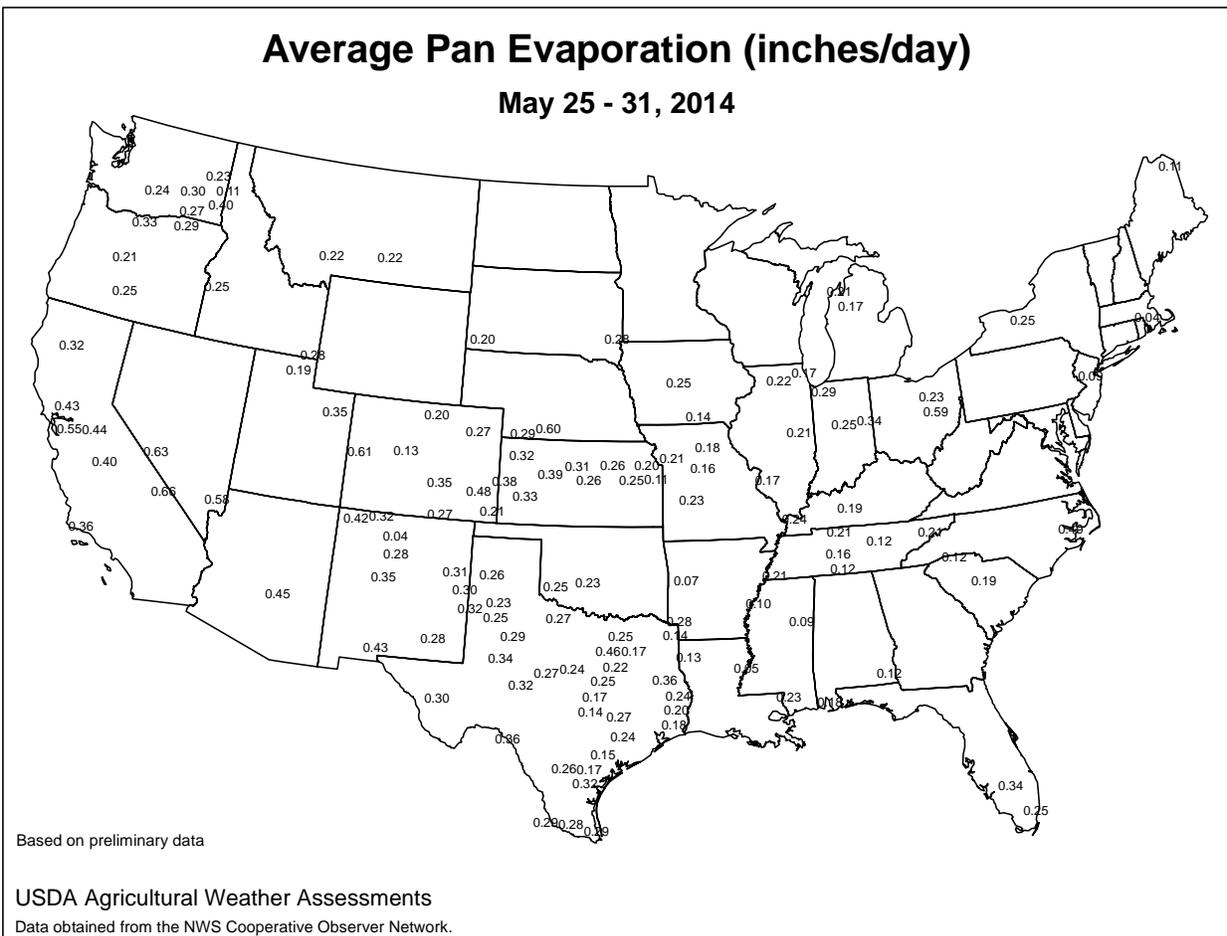
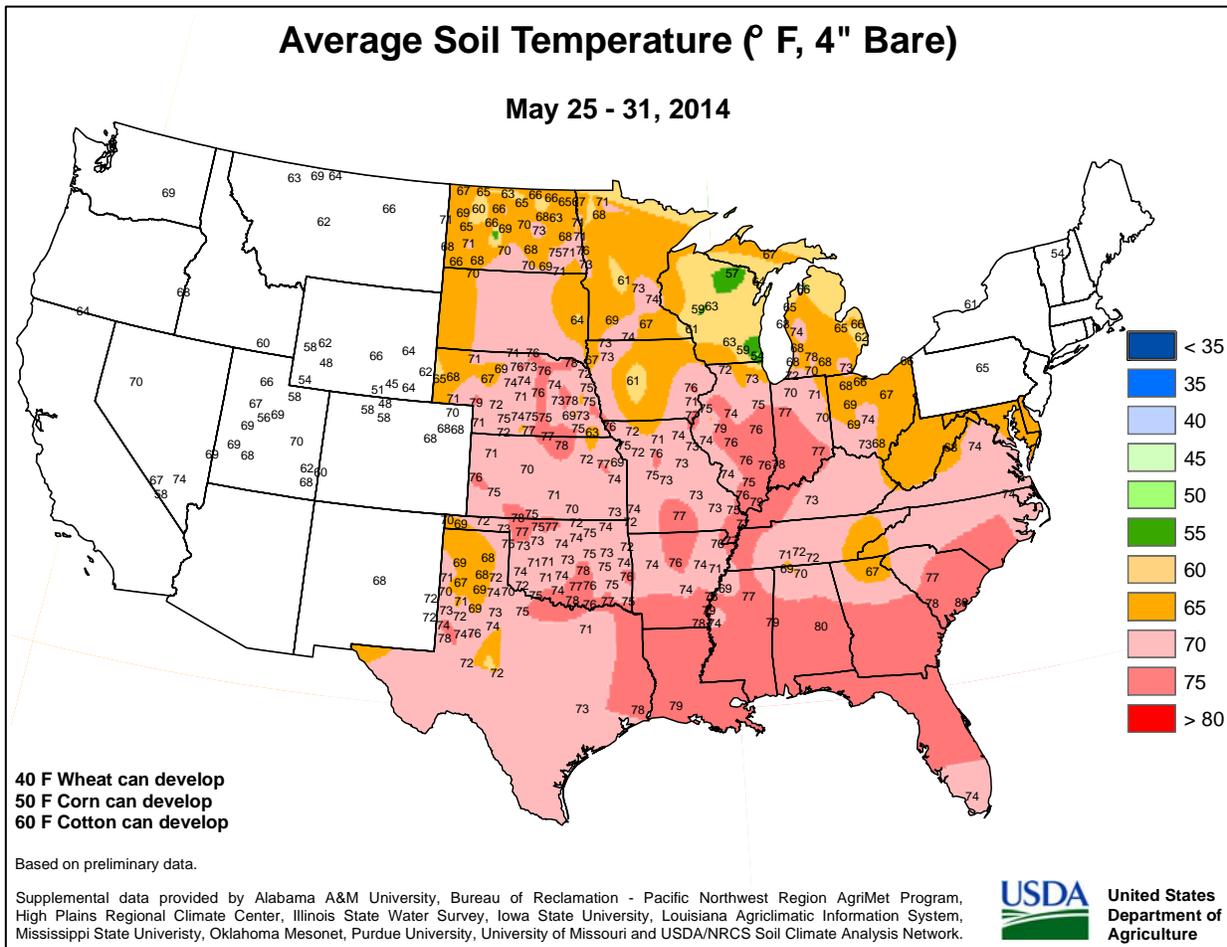
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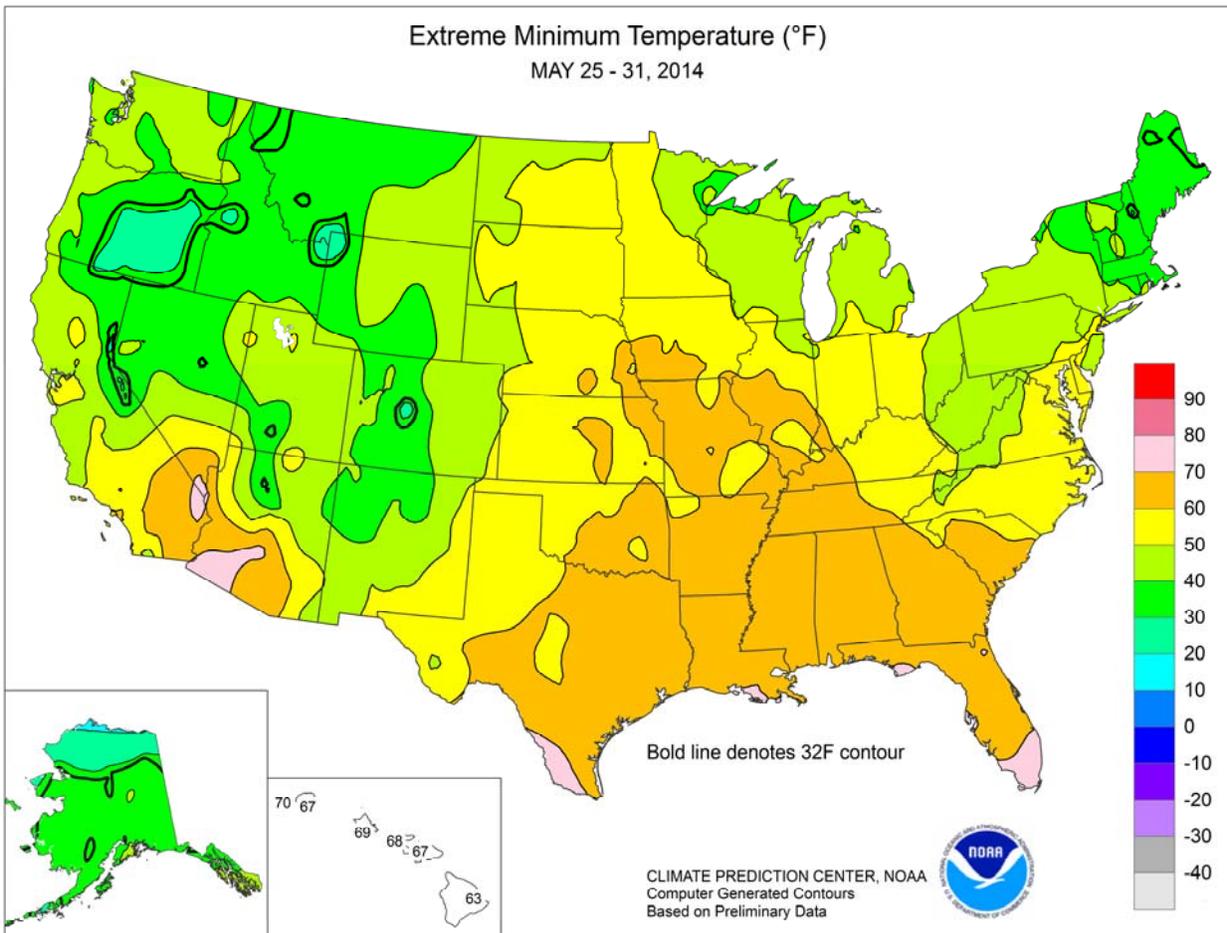
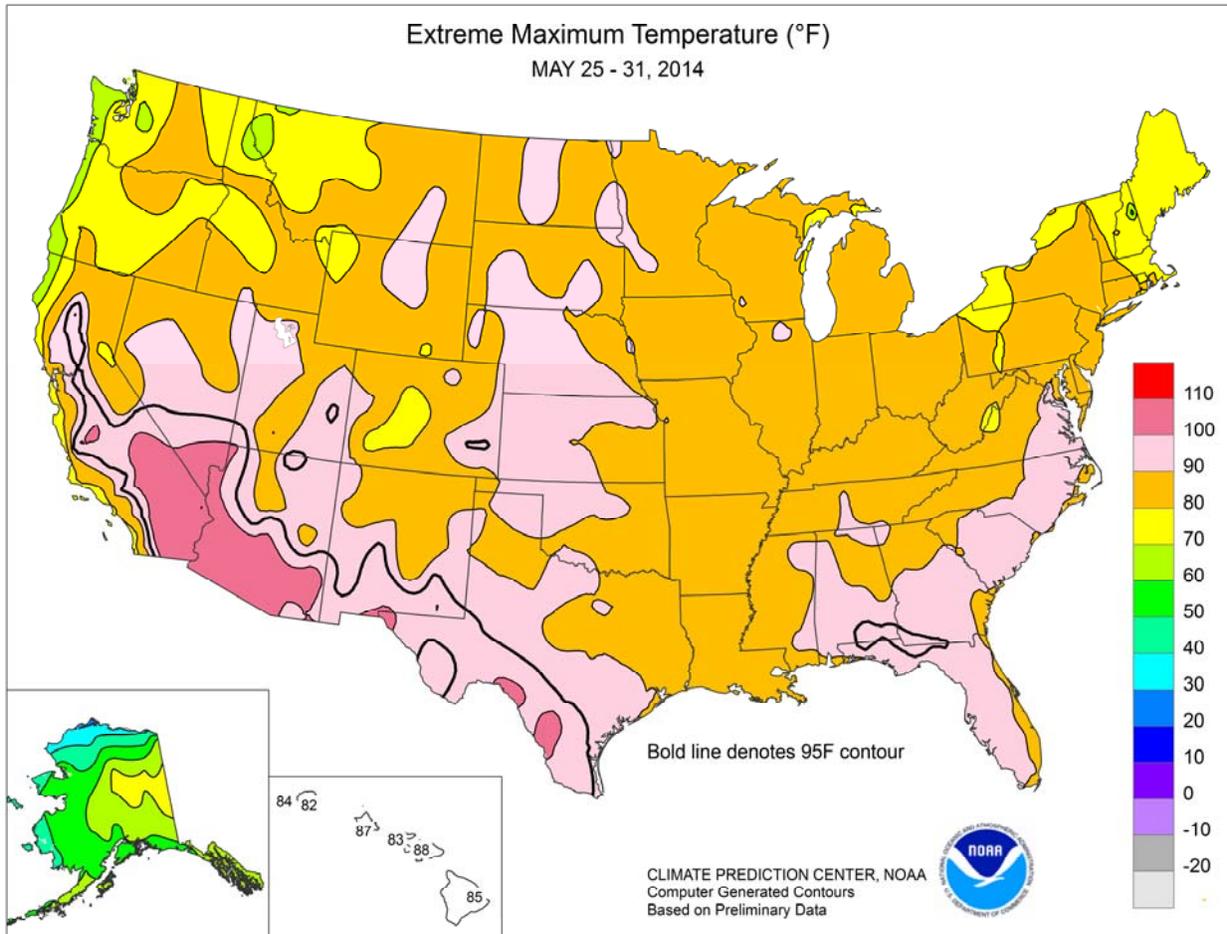
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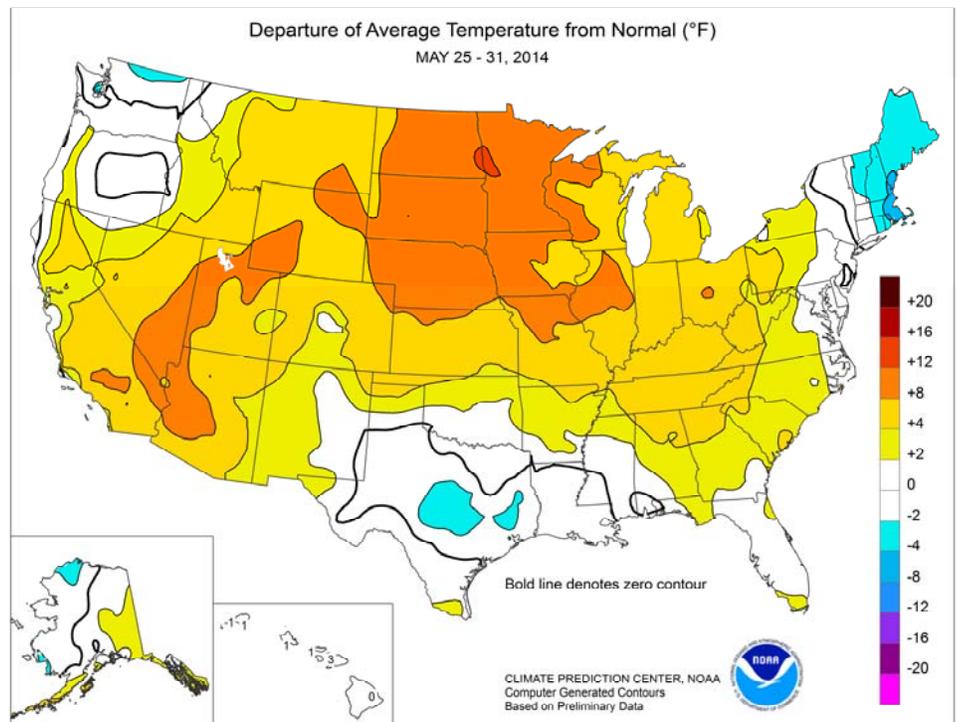




(Continued from front cover)

have expanded to encompass portions of the **interior Northwest**. Meanwhile, showers ended early in the week across the **southern High Plains**, where rain aided rangeland, pastures, and summer crops but failed to significantly dent precipitation deficits that have been accumulating since October 2010. Farther north, warm, occasionally showery weather across the **northern Plains** and **upper Midwest** promoted the germination and development of late-planted summer crops. The remainder of the **Corn Belt** also received scattered showers. Elsewhere, cool air settled into the **Northeast**, while warmth in the **Southeast** favored winter wheat maturation and the growth of pastures and summer crops. In fact, late-spring warmth covered most of the country. Weekly temperatures averaged at least 10°F above normal at numerous locations stretching from the **Southwest into the upper Midwest**.

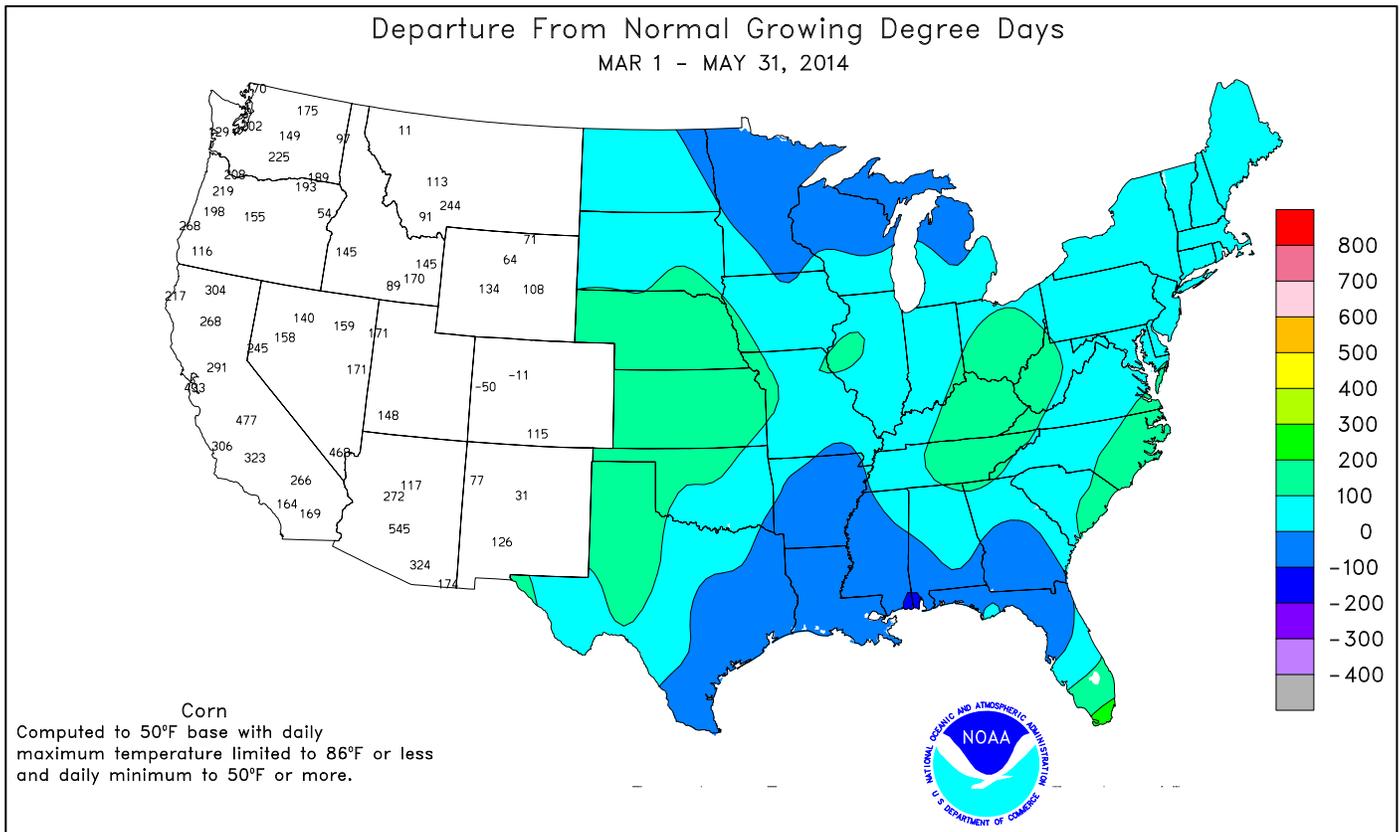
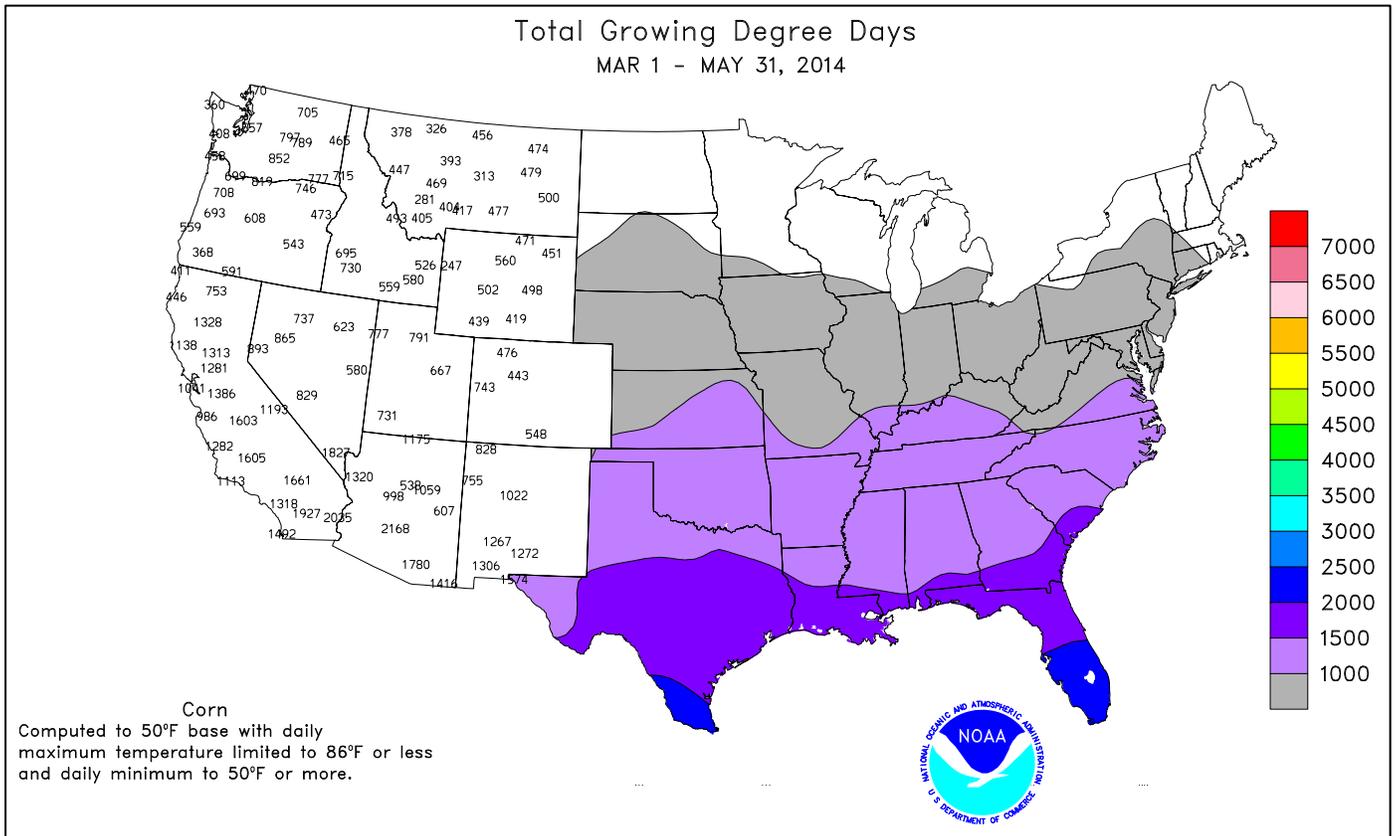
As the week began, heavy rainfall persisted across portions of the **nation's mid-section**. From May 22-26, rainfall accounted for at least 50 to 90 percent of the year-to-date precipitation totals at numerous locations on the **southern High Plains**. In **Texas**, for example, **Lubbock's** 5-day total of 5.23 inches accounted for 85 percent of the January-May sum. Five-day rainfall reached 4.45 inches in **Roswell, NM**, and 3.82 inches in **Childress, TX**, accounting for 92 and 61 percent of the respective year-to-date totals. Elsewhere in **Texas**, **San Angelo's** storm-total rainfall of 7.42 inches was compressed into 4 days, from May 23-26. Nearly 90 percent of **San Angelo's** year-to-date precipitation (7.42 of 8.27 inches) fell during that 4-day span. By May 26, heavy rain arrived in the **western Gulf Coast region**, where **Houston, TX**, measured a daily-record total of 2.91 inches. During the last 6 days of May, **Houston's** rainfall reached 7.46 inches. Other daily-record amounts in **Texas** included 2.84 inches (on May 27) in **College Station** and 2.11 inches (on May 28) in **Galveston**. For **Galveston**, that represented the wettest day since October 31, 2013, when 2.97 inches fell. On May 28, torrential rainfall developed in the **central Gulf Coast region**, where record-breaking amounts in **Louisiana** for May 28 reached 6.87 inches in **Lafayette**, 4.68 inches in **Lake Charles**, and 3.34 inches in **Baton Rouge**. During the last 5 days of the month, 9.21 inches soaked **Lafayette**. Meanwhile, locally heavy showers also arrived in the **East and Midwest**. Daily-record totals were set in locations such as **Greenville-Spartanburg, SC** (1.74 inches on May 30); **Tampa, FL** (1.60 inches on May 28); **Madison, WI** (1.46 inches on May 27); and **Charlotte, NC** (1.18 inches on May 29). At month's end, heavy showers developed across the **northern Plains** and **upper Midwest**. **Pierre, SD**, netted a daily-record rainfall (1.53 inches) on

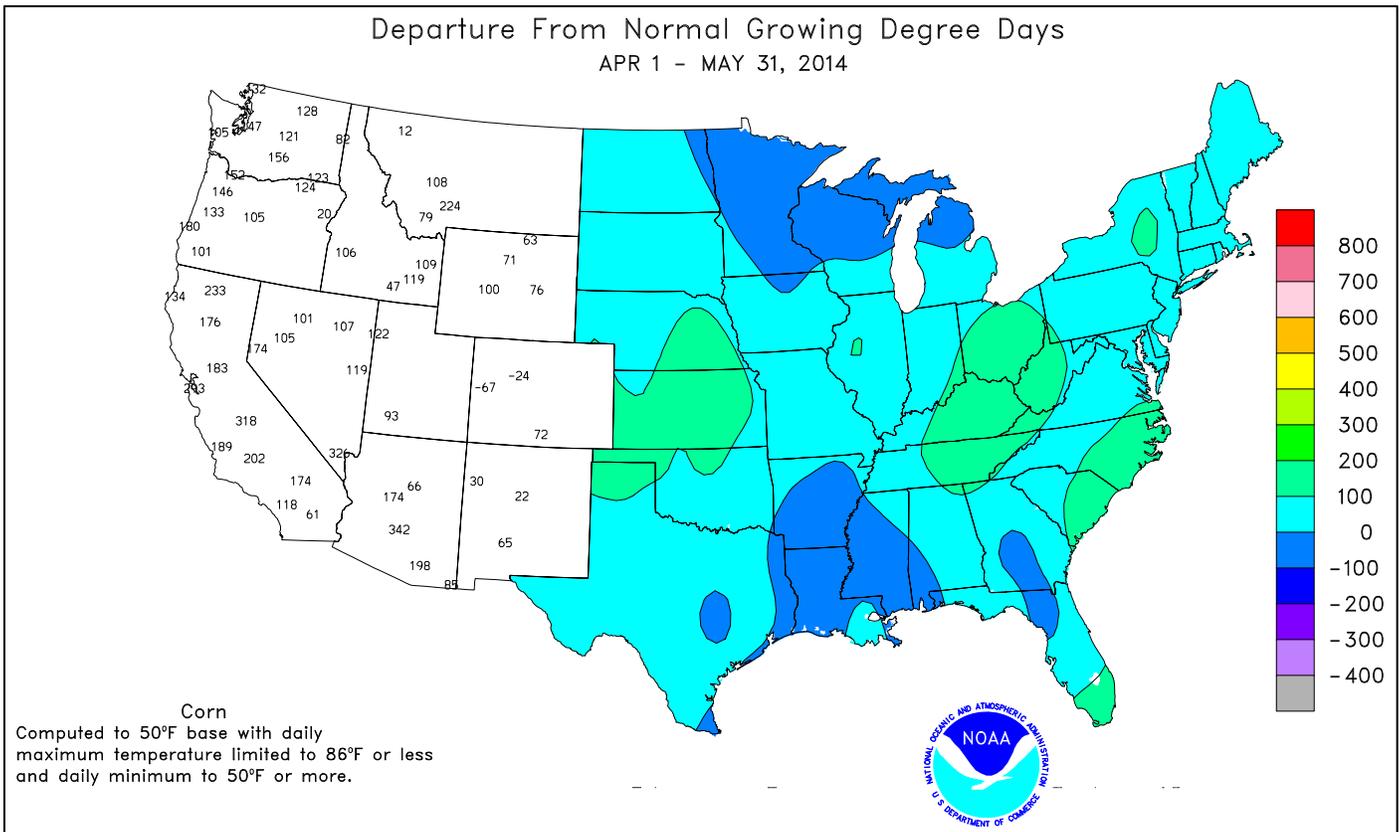
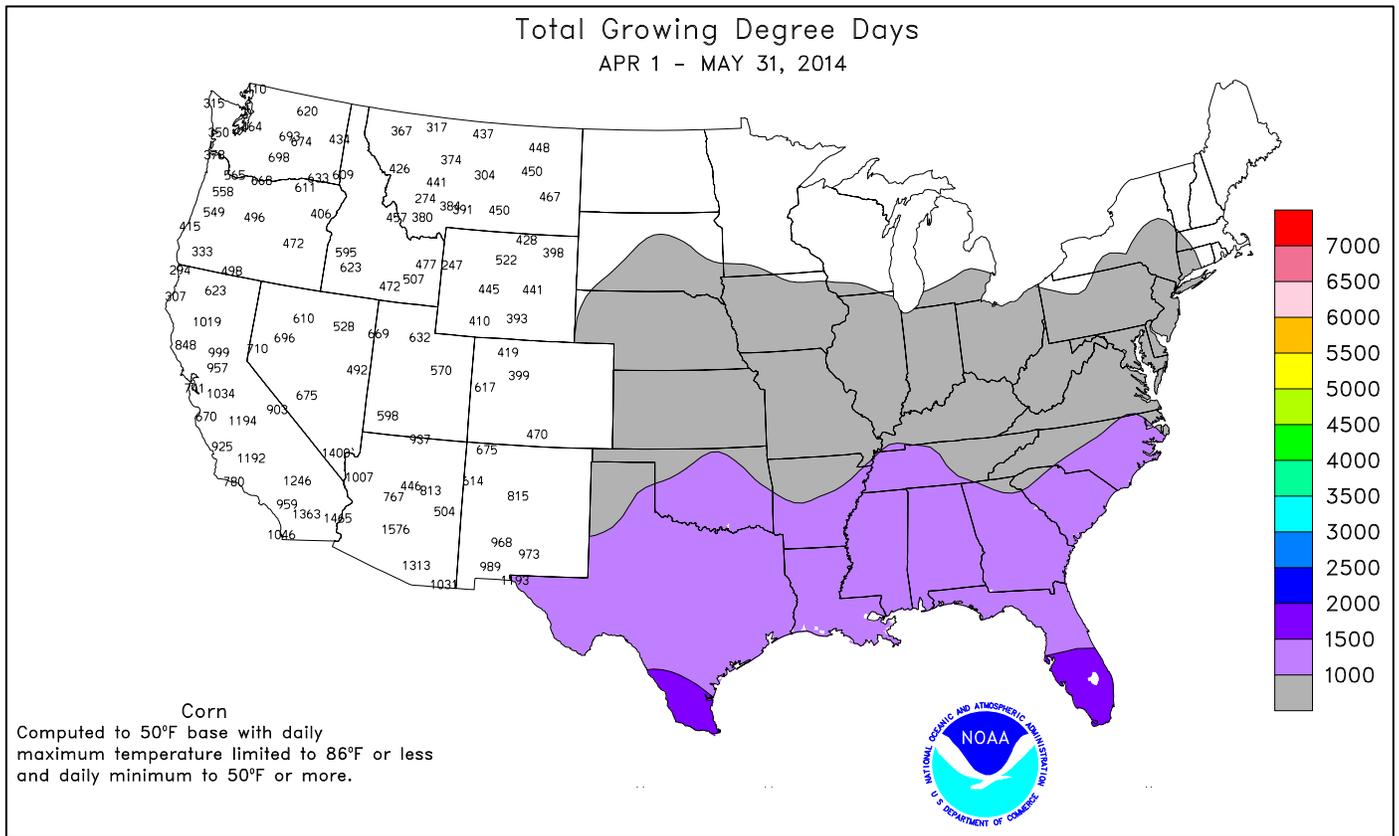


May 30, followed in **St. Cloud, MN**, by a record-setting amount (1.68 inches) on May 31.

Early-week warmth prevailed north and east of a slow-moving disturbance. **Apalachicola, FL**, collected a daily-record high of 91°F on May 25, followed by a record-setting high of 85°F in **Duluth, MN**, on May 26. Warmth lingered for several days across the **North and East**, resulting in record-setting highs in locations such as **New Bern, NC** (93°F on May 28), and **Wallops Island, VA** (90°F on May 27). Meanwhile, hot conditions also developed in parts the **West**. In **Wyoming**, daily-record highs on May 28 reached 96°F in **Greybull** and 94°F in **Worland**. By week's end, heat returned to the **Desert Southwest**, where **El Paso, TX**, posted a daily-record high of 102°F. In contrast, cool air settled into the **Northwest**, resulting in consecutive daily-record lows (23 and 26°F, respectively) in **Burns, OR**. In **Montana**, **Livingston** noted a daily-record low of 32°F on May 30.

Mild weather continued across much of **Alaska**, but cool air overspread northern and western sections of the state. In the **Aleutians**, **Cold Bay** notched a daily-record low of 28°F on May 31. Meanwhile, beneficial showers developed in parts of **southern and western Alaska**. On May 29, daily-record precipitation totals were noted in locations such as **King Salmon** (0.83 inch) and **McGrath** (0.44 inch). In **south-central Alaska**, the Funny River fire—largest on the **Kenai Peninsula** since 1947—charred more than 190,000 acres of vegetation near **Soldotna** in late May but was almost 60 percent contained by early June. Farther south, heavy showers ended early in the week across **Hawaii's western islands**. Nevertheless, May 24-25 rainfall reached 3.04 inches in **Honolulu, Oahu**, and 1.50 inches in **Lihue, Kauai**. Later, showers returned to **Hawaii's** windward locations. On the **Big Island**, **Hilo's** rainfall totaled 2.64 inches during the last 6 days of May.





National Weather Data for Selected Cities

Weather Data for the Week Ending May 31, 2014

Data Provided by Climate Prediction Center

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 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	85	68	89	66	77	5	0.74	-0.27	0.42	15.92	102	22.85	90	88	50	0	0	3	0
HUNTSVILLE	87	67	90	65	77	6	0.66	-0.51	0.55	13.60	83	23.47	87	88	53	1	0	2	1
MOBILE	83	66	90	63	75	-1	5.03	3.67	3.05	34.38	187	41.49	142	99	72	1	0	4	3
AK MONTGOMERY	88	68	93	66	78	3	0.83	-0.05	0.49	21.22	142	28.89	114	93	50	2	0	4	0
ANCHORAGE	57	47	60	40	52	2	0.26	0.09	0.12	1.20	65	3.22	98	77	54	0	0	3	0
BARROW	26	21	27	17	23	-3	0.10	0.09	0.05	1.35	409	2.19	391	86	69	0	7	3	0
FAIRBANKS	69	46	75	43	58	5	0.00	-0.19	0.00	0.45	41	1.07	54	66	36	0	0	0	0
JUNEAU	59	44	66	37	51	1	0.47	-0.30	0.35	7.84	79	19.97	106	87	66	0	0	2	0
KODIAK	57	44	60	36	50	4	0.88	-0.52	0.80	12.28	72	33.53	109	75	59	0	0	4	1
NOME	45	35	52	32	40	-2	0.78	0.61	0.25	2.34	118	4.51	123	96	89	0	1	6	0
AZ FLAGSTAFF	77	40	82	33	58	4	0.07	-0.03	0.07	2.62	56	3.22	34	70	18	0	0	1	0
PHOENIX	103	79	108	76	91	9	0.00	-0.01	0.00	0.99	67	0.99	32	24	13	7	0	0	0
PRESCOTT	87	56	91	47	71	10	0.00	-0.08	0.00	0.89	27	1.06	16	44	13	2	0	0	0
TUCSON	99	71	106	67	85	7	0.00	-0.01	0.00	0.60	45	0.61	19	25	14	7	0	0	0
AR FORT SMITH	83	68	87	65	76	4	1.56	0.36	1.01	12.98	99	14.76	82	93	61	0	0	4	1
LITTLE ROCK	82	68	88	67	75	2	3.37	2.32	1.82	16.85	109	22.41	100	91	61	0	0	5	3
CA BAKERSFIELD	92	65	97	59	78	5	0.00	-0.06	0.00	0.90	43	1.33	30	36	19	5	0	0	0
FRESNO	94	62	98	54	78	7	0.00	-0.08	0.00	1.40	42	4.07	53	42	23	5	0	0	0
LOS ANGELES	73	63	74	61	68	4	0.00	-0.04	0.00	0.62	19	3.41	36	80	63	0	0	0	0
REDDING	89	55	98	46	72	3	0.00	-0.35	0.00	5.77	63	14.27	67	38	21	3	0	0	0
SACRAMENTO	88	56	95	51	72	4	0.00	-0.09	0.00	3.60	83	7.89	67	71	16	2	0	0	0
SAN DIEGO	73	64	74	62	68	3	0.00	-0.03	0.00	1.80	56	2.81	37	78	63	0	0	0	0
SAN FRANCISCO	71	54	78	52	62	3	0.00	-0.06	0.00	3.54	74	7.31	55	78	59	0	0	0	0
STOCKTON	89	55	97	51	72	3	0.04	-0.04	0.01	2.84	76	5.92	66	58	28	3	0	4	0
CO ALAMOSA	76	39	82	34	57	3	0.02	-0.12	0.01	1.63	96	1.76	81	88	32	0	0	2	0
CO SPRINGS	78	51	84	47	64	6	1.07	0.50	0.34	3.91	77	4.80	84	74	26	0	0	4	0
DENVER INTL	79	52	87	49	66	7	0.10	-0.51	0.05	5.59	120	6.72	131	78	32	0	0	3	0
GRAND JUNCTION	81	54	92	40	67	3	0.44	0.25	0.43	2.41	85	3.78	96	69	40	1	0	2	0
PUEBLO	86	51	91	47	69	6	0.23	-0.10	0.20	3.48	94	4.21	98	81	31	3	0	2	0
CT BRIDGEPORT	73	54	87	48	63	1	0.04	-0.85	0.03	14.37	118	21.34	113	81	52	0	0	2	0
HARTFORD	75	48	88	40	62	-1	0.46	-0.53	0.40	14.31	118	21.68	115	88	47	0	0	4	0
DC WASHINGTON	82	62	92	58	72	3	1.23	0.36	0.91	15.72	154	22.32	139	81	43	1	0	3	1
DE WILMINGTON	77	56	88	53	67	1	0.12	-0.79	0.10	13.41	117	21.99	124	91	48	0	0	2	0
FL DAYTONA BEACH	86	71	88	68	78	1	1.43	0.47	1.28	13.16	137	19.74	127	96	60	0	0	2	1
JACKSONVILLE	86	68	90	65	77	1	0.40	-0.51	0.33	16.46	156	26.17	150	99	60	1	0	4	0
KEY WEST	87	80	88	78	84	2	0.00	-0.98	0.00	5.26	71	12.86	116	78	66	0	0	0	0
MIAMI	88	76	89	74	82	1	0.06	-1.56	0.04	7.07	62	10.14	66	83	58	0	0	2	0
ORLANDO	90	71	94	69	81	2	0.22	-0.91	0.09	12.32	127	17.35	120	89	51	5	0	4	0
PENSACOLA	84	71	91	68	78	1	3.29	2.14	1.57	45.08	307	56.41	228	88	67	1	0	3	3
TALLAHASSEE	92	68	96	67	80	3	0.25	-1.10	0.24	24.02	160	32.07	128	84	46	5	0	2	0
TAMPA	88	71	91	70	80	1	4.96	4.13	1.60	14.38	192	19.33	156	88	53	1	0	6	4
GA WEST PALM BEACH	87	75	89	73	81	1	0.22	-1.27	0.11	6.25	49	17.72	94	80	61	0	0	3	0
ATHENS	87	64	89	60	76	4	0.36	-0.55	0.23	11.00	90	19.63	92	92	56	0	0	2	0
ATLANTA	86	67	90	66	77	5	0.49	-0.36	0.48	11.31	87	18.48	82	83	52	1	0	2	0
AUGUSTA	87	65	91	60	76	3	1.67	0.85	0.83	12.65	119	18.85	98	93	60	1	0	5	2
COLUMBUS	88	68	93	66	78	3	0.30	-0.48	0.27	17.48	132	25.80	115	91	46	2	0	2	0
MACON	89	64	91	62	76	2	1.04	0.34	0.73	14.37	131	22.19	108	97	47	2	0	4	1
SAVANNAH	88	69	90	68	78	3	0.75	-0.22	0.45	11.69	111	15.80	91	90	63	2	0	3	0
HI HILO	82	66	85	63	74	0	2.64	1.10	0.86	40.05	115	48.28	90	97	84	0	0	6	2
HONOLULU	85	73	87	69	79	1	2.21	2.07	1.42	6.38	169	10.06	114	77	68	0	0	3	2
KAHULUI	87	71	88	67	79	3	0.02	-0.05	0.01	7.29	153	13.94	128	78	68	0	0	2	0
LIHUE	82	72	82	67	77	1	0.84	0.27	0.67	5.45	58	15.84	92	87	78	0	0	4	1
ID BOISE	79	48	86	40	63	2	0.00	-0.25	0.00	4.90	124	7.93	122	59	32	0	0	0	0
LEWISTON	76	50	83	46	63	2	0.16	-0.17	0.12	2.88	72	5.29	87	63	30	0	0	2	0
POCATELLO	79	46	86	39	62	6	0.00	-0.32	0.00	4.02	99	5.73	92	54	28	0	0	0	0
IL CHICAGO/O'HARE	81	55	88	50	68	6	0.24	-0.52	0.21	7.12	73	12.42	95	73	43	0	0	2	0
MOLINE	84	60	87	49	72	7	1.06	0.04	0.88	7.56	69	11.57	82	83	57	0	0	3	1
PEORIA	87	64	90	62	76	11	0.25	-0.66	0.14	7.11	67	11.98	87	76	44	2	0	2	0
ROCKFORD	85	58	91	49	71	8	0.18	-0.78	0.17	6.23	62	9.97	78	79	49	1	0	2	0
SPRINGFIELD	86	66	89	63	76	9	0.61	-0.33	0.60	8.87	84	14.30	102	84	50	0	0	2	1
IN EVANSVILLE	86	67	89	63	77	8	0.06	-1.03	0.06	17.54	127	21.49	109	83	59	0	0	1	0
FORT WAYNE	85	57	88	53	71	7	0.29	-0.58	0.29	10.46	103	16.54	117	86	39	0	0	1	0
INDIANAPOLIS	83	63	85	58	73	7	0.02	-0.97	0.02	12.64	111	17.42	107	79	44	0	0	1	0
SOUTH BEND	84	58	87	52	71	8	1.31	0.49	0.89	9.04	90	14.98	105	77	49	0	0	3	1
IA BURLINGTON	86	63	88	59	74	8	0.54	-0.47	0.52	7.02	64	11.48	83	92	47	0	0	2	1
CEDAR RAPIDS	83	60	88	53	71	6	0.13	-0.80	0.10	9.49	102	11.24	98	86	51	0	0	3	0
DES MOINES	84	65	88	60	75	10	0.67	-0.33	0.45	8.81	88	11.15							

Weather Data for the Week Ending May 31, 2014

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL IN. SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
KY WICHITA	84	65	89	62	75	6	0.79	-0.26	0.54	5.07	54	6.06	54	90	59	0	0	2	1
KY JACKSON	84	62	86	57	73	6	0.23	-0.96	0.12	13.25	99	20.86	101	85	47	0	0	2	0
KY LEXINGTON	84	62	88	53	73	6	0.33	-0.77	0.16	14.32	111	21.36	110	83	55	0	0	3	0
KY LOUISVILLE	85	67	89	61	76	7	0.39	-0.67	0.20	13.35	101	19.51	99	84	50	0	0	3	0
LA PADUCAH	87	68	90	65	78	9	0.82	-0.16	0.57	15.00	107	20.19	94	90	51	2	0	3	1
LA BATON ROUGE	85	68	89	64	77	1	3.90	2.74	3.34	15.08	94	24.34	89	95	59	0	0	5	1
LA LAKE CHARLES	85	69	88	66	77	0	5.34	3.85	4.68	8.40	63	15.19	69	95	59	0	0	3	2
LA NEW ORLEANS	84	71	89	68	78	0	4.38	3.23	2.44	15.92	107	24.95	95	90	68	0	0	5	2
LA SHREVEPORT	84	68	89	66	76	0	1.71	0.51	1.10	14.67	106	18.11	80	93	62	0	0	4	1
ME CARIBOU	68	42	74	35	55	0	0.60	-0.17	0.32	10.99	130	17.21	127	89	38	0	0	2	0
ME PORTLAND	63	44	77	39	54	-3	0.85	0.05	0.41	10.90	89	19.22	99	95	62	0	0	4	0
MD BALTIMORE	79	57	90	53	68	2	0.67	-0.22	0.30	16.33	151	23.62	136	82	49	1	0	4	0
MA BOSTON	65	49	79	43	57	-5	0.68	-0.04	0.48	10.56	99	17.93	100	88	57	0	0	4	0
MA WORCESTER	66	45	78	39	56	-3	0.87	-0.12	0.38	13.91	111	21.08	107	95	53	0	0	5	0
MI ALPENA	77	46	86	42	62	6	0.00	-0.58	0.00	8.93	127	11.45	113	91	41	0	0	0	0
MI GRAND RAPIDS	81	56	88	51	69	7	0.02	-0.72	0.02	6.90	73	12.65	97	83	45	0	0	1	0
MI HOUGHTON LAKE	81	50	86	44	65	8	0.00	-0.63	0.00	9.69	140	12.69	130	82	42	0	0	0	0
MI LANSING	80	54	85	47	67	6	0.11	-0.54	0.09	7.30	90	11.22	100	79	49	0	0	2	0
MI MUSKEGON	78	53	85	46	65	6	0.01	-0.65	0.01	8.19	100	13.31	111	78	49	0	0	1	0
MI TRAVERSE CITY	77	49	88	44	63	5	0.00	-0.55	0.00	8.54	122	12.98	110	88	41	0	0	0	0
MN DULUTH	76	52	85	43	64	9	1.31	0.53	1.31	9.49	141	12.33	142	75	47	0	0	1	1
MN INT'L FALLS	81	53	89	48	67	10	1.73	1.02	1.00	7.07	145	8.84	139	88	40	0	0	3	2
MN MINNEAPOLIS	82	61	87	56	72	9	0.67	-0.19	0.65	11.68	158	14.51	157	82	51	0	0	3	1
MN ROCHESTER	82	58	86	51	70	10	0.01	-0.80	0.01	8.61	102	11.37	112	81	45	0	0	1	0
MN ST. CLOUD	81	58	87	52	70	10	2.59	1.75	1.68	13.85	210	16.35	206	88	48	0	0	4	2
MS JACKSON	84	68	89	64	76	2	3.78	2.84	2.56	24.55	148	31.60	118	93	61	0	0	5	2
MS MERIDIAN	84	66	90	60	75	1	1.13	0.17	0.58	22.38	128	31.73	111	93	59	1	0	4	1
MS TUPELO	85	68	91	66	77	5	1.52	0.19	0.89	14.09	83	20.19	75	90	61	1	0	4	2
MO COLUMBIA	84	65	86	62	74	7	0.44	-0.62	0.19	12.56	103	14.82	92	96	59	0	0	4	0
MO KANSAS CITY	85	65	89	63	75	8	0.29	-0.91	0.22	6.87	61	8.62	63	89	52	0	0	3	0
MO SAINT LOUIS	86	68	89	64	77	7	2.14	1.24	1.48	13.91	122	17.06	108	84	61	0	0	3	2
MO SPRINGFIELD	81	64	84	62	73	5	1.46	0.39	1.00	9.73	77	11.52	67	93	69	0	0	5	1
MT BILLINGS	77	54	86	51	66	7	0.76	0.21	0.51	4.74	89	7.82	116	78	40	0	0	3	1
MT BUTTE	71	38	74	30	54	4	0.02	-0.49	0.02	3.43	89	4.29	88	80	22	0	1	1	0
MT CUT BANK	69	45	72	38	57	5	0.95	0.36	0.90	3.46	94	4.06	94	73	31	0	0	2	1
MT GLASGOW	81	53	90	39	67	8	0.12	-0.33	0.05	2.91	99	3.26	92	79	38	1	0	4	0
MT GREAT FALLS	73	44	77	39	58	4	0.25	-0.38	0.17	4.70	95	7.11	116	88	31	0	0	2	0
MT HAVRE	77	45	82	36	61	4	0.17	-0.29	0.10	3.04	89	3.70	87	86	38	0	0	2	0
MT MISSOULA	73	43	77	33	58	3	0.06	-0.41	0.05	3.43	86	6.78	116	76	44	0	0	2	0
NE GRAND ISLAND	89	62	92	60	76	12	0.07	-0.89	0.07	3.84	44	4.49	45	85	43	3	0	1	0
NE LINCOLN	88	65	90	61	76	10	1.23	0.27	0.86	8.89	95	9.75	91	84	52	1	0	2	1
NE NORFOLK	86	62	87	57	74	10	0.82	-0.14	0.45	4.96	58	5.52	56	88	58	0	0	3	0
NE NORTH PLATTE	85	56	90	50	71	9	0.15	-0.62	0.11	3.24	49	4.29	58	93	42	1	0	2	0
NE OMAHA	86	65	90	62	76	10	0.43	-0.59	0.23	5.96	63	6.83	62	88	56	1	0	2	0
NE SCOTTSBLUFF	83	55	92	47	69	9	0.48	-0.15	0.26	5.56	98	7.16	106	92	57	2	0	3	0
NE VALENTINE	87	57	92	52	72	11	1.13	0.41	0.68	6.80	108	7.46	106	91	48	3	0	3	1
NV ELY	82	41	87	33	61	8	0.00	-0.27	0.00	2.48	77	4.21	89	50	15	0	0	0	0
NV LAS VEGAS	100	76	105	70	88	9	0.00	-0.03	0.00	0.00	0	0.30	13	18	9	7	0	0	0
NV RENO	83	51	91	45	67	8	0.00	-0.14	0.00	0.93	51	2.00	51	42	14	1	0	0	0
NV WINNEMUCCA	82	41	90	34	61	3	0.00	-0.22	0.00	2.34	84	3.94	93	47	14	1	0	0	0
NH CONCORD	70	43	79	39	56	-3	0.34	-0.40	0.14	10.41	110	17.80	121	99	53	0	0	5	0
NJ NEWARK	78	57	88	52	67	1	0.00	-0.93	0.00	15.57	124	23.29	119	70	43	0	0	0	0
NM ALBUQUERQUE	84	57	92	43	71	3	0.28	0.14	0.28	0.83	49	1.02	39	59	21	2	0	1	0
NY ALBANY	76	51	87	42	63	2	0.35	-0.50	0.26	7.71	77	13.50	92	90	44	0	0	4	0
NY BINGHAMTON	72	53	81	48	62	3	0.52	-0.28	0.52	9.65	96	15.35	102	79	54	0	0	1	1
NY BUFFALO	72	52	75	47	62	2	0.20	-0.62	0.20	10.41	111	17.19	115	88	48	0	0	1	0
NY ROCHESTER	75	53	83	47	64	4	0.00	-0.68	0.00	9.37	115	12.99	104	78	49	0	0	0	0
NY SYRACUSE	76	54	86	46	65	5	0.00	-0.74	0.00	11.83	121	17.38	120	84	42	0	0	0	0
NC ASHEVILLE	80	58	83	49	69	4	1.13	0.05	0.52	11.17	89	16.52	81	94	61	0	0	6	1
NC CHARLOTTE	85	63	90	58	74	2	1.35	0.50	1.18	15.87	144	22.79	123	88	47	1	0	3	1
NC GREENSBORO	83	63	89	56	73	5	0.69	-0.16	0.32	11.27	100	17.49	98	90	51	0	0	5	0
NC HATTERAS	78	66	83	55	72	2	0.00	-0.96	0.00	12.70	104	22.79	104	84	59	0	0	0	0
NC RALEIGH	83	62	90	54	73	4	0.39	-0.48	0.22	14.32	135	19.28	106	86	54	2	0	3	0
NC WILMINGTON	84	66	92	57	75	3	0.44	-0.63	0.27	13.79	119	19.26	98	92	51	1	0	3	0
ND BISMARCK	83	58	92	50	70	11	0.64	0.10	0.56	3.62	80	4.19	76	93	63	1	0	2	1
ND DICKINSON	79	56	88	50	67	9	2.10	1.51	1.57	7.67	162	7.84	142	90	47	0	0	4	1
ND FARGO	86	62	93	55	74	13	0.49	-0.22	0.20	6.15	119	7.03	108	85	39	2	0	4	0
ND GRAND FORKS	83	58	89	51	71	11	0.81	0.23	0.58	6.11	141	7.37	132	93	42	0	0	3	1
ND JAMESTOWN	81	60	88	56	71	11	1.22	0.66	1.03	8.06	181	8.45	151	91	46	0	0	4	1
ND WILLISTON	78	51	82	43	65	7	0.42	-0.04	0.28	3.65	99	4.09	89	95	61	0	0	3	0
OH AKRON-CANTON	81	57	84	49	69	7	0.99	0.13	0.78	12.24	117	15.75	103	81	46	0	0	2	1
OH CINCINNATI	84	63	87	56	74	7	0.00	-1.08	0.00	11.94	96	17.48	96	81	50	0	0	0	0
OH CLEVELAND	77	56	85	49	66	4	0.11	-0.70	0.05	11.24	115	16.28	112	87	47	0	0	3	0
OH COLUMBUS	87	62	92	54	74	8	0.00	-0.88	0.00	12.08	121	16.87	114	73	40	2	0	0	0
OH DAYTON	84	61	88	55	73	9	0.08	-0.86	0.08	13.10	114	18.08	110	81	43	0	0	1	0
OH MANSFIELD	80	55	85	50	68	7	0.19	-0.83	0.15	12.00	100	16.33	97	92	44	0	0	2	0

Weather Data for the Week Ending May 31, 2014

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE
OK TOLEDO	81	55	89	50	68	5	0.20	-0.56	0.20	6.68	74	13.86	108	83	51	0	0	1	0
OK YOUNGSTOWN	79	53	83	45	66	5	0.09	-0.68	0.09	10.41	106	15.09	106	85	48	0	0	1	0
OK OKLAHOMA CITY	82	65	88	62	73	2	2.10	0.78	1.11	6.71	59	7.14	50	90	58	0	0	3	2
OR TULSA	83	66	89	64	74	2	2.83	1.42	1.42	8.01	59	8.46	49	97	69	0	0	5	2
OR ASTORIA	63	48	65	42	55	1	1.00	0.32	0.58	24.94	160	38.70	117	88	70	0	0	4	1
OR BURNS	72	34	79	23	53	0	0.03	-0.19	0.03	2.84	90	4.96	91	76	32	0	2	1	0
OR EUGENE	72	46	77	38	59	3	0.10	-0.43	0.07	10.17	84	20.72	79	88	63	0	0	3	0
OR MEDFORD	79	51	84	41	65	5	0.00	-0.24	0.00	4.80	110	10.13	113	70	28	0	0	0	0
OR PENDLETON	76	47	83	39	62	2	0.00	-0.25	0.00	4.11	114	6.47	103	65	29	0	0	0	0
OR PORTLAND	71	52	77	49	61	2	0.21	-0.29	0.12	12.95	148	20.77	116	83	61	0	0	5	0
OR SALEM	71	49	78	47	60	3	0.11	-0.32	0.05	12.11	134	21.00	105	85	63	0	0	3	0
PA ALLENTOWN	77	53	85	47	65	2	0.07	-0.94	0.07	13.32	116	22.30	126	83	53	0	0	1	0
PA ERIE	73	54	78	47	64	2	0.06	-0.76	0.06	10.26	104	16.24	111	79	54	0	0	1	0
PA MIDDLETOWN	78	54	87	52	66	1	1.21	0.25	0.96	14.78	137	21.50	130	91	45	0	0	3	1
PA PHILADELPHIA	78	57	88	54	68	1	0.96	0.13	0.61	13.83	124	22.50	129	78	45	0	0	2	1
PA PITTSBURGH	80	57	84	48	69	6	1.46	0.55	1.36	10.65	107	15.08	100	88	44	0	0	2	1
PA WILKES-BARRE	76	52	83	46	64	1	0.04	-0.79	0.04	7.83	81	12.70	89	89	41	0	0	1	0
PA WILLIAMSPORT	78	53	86	49	66	3	0.29	-0.60	0.28	10.93	104	14.73	92	86	57	0	0	2	0
RI PROVIDENCE	69	46	83	41	58	-4	0.21	-0.59	0.16	14.14	115	22.54	112	81	55	0	0	3	0
SC BEAUFORT	89	69	93	67	79	4	1.64	0.72	1.45	10.91	112	14.77	87	92	53	2	0	4	1
SC CHARLESTON	88	70	94	69	79	5	0.27	-0.77	0.26	12.39	119	17.24	98	87	50	3	0	2	0
SC COLUMBIA	88	68	92	63	78	4	3.54	2.68	1.50	12.66	118	18.98	99	93	53	3	0	5	3
SC GREENVILLE	85	64	90	60	75	5	2.05	0.99	1.74	13.57	101	19.81	90	95	54	1	0	3	1
SD ABERDEEN	82	57	89	52	70	9	0.76	0.06	0.48	5.00	85	5.44	80	95	67	0	0	3	0
SD HURON	84	60	91	51	72	10	0.81	0.09	0.45	3.95	57	4.52	56	90	48	2	0	3	0
SD RAPID CITY	79	55	91	51	67	9	0.41	-0.30	0.28	4.91	84	5.38	81	92	54	1	0	4	0
SD SIOUX FALLS	84	60	88	53	72	11	1.08	0.27	0.88	4.00	51	5.00	56	84	59	0	0	3	1
TN BRISTOL	84	58	89	48	71	5	0.37	-0.60	0.31	6.94	61	12.00	65	93	42	0	0	2	0
TN CHATTANOOGA	88	66	91	64	77	7	0.05	-0.89	0.02	9.71	66	17.30	69	87	49	1	0	3	0
TN KNOXVILLE	85	62	89	55	74	5	0.36	-0.66	0.24	7.96	58	16.02	71	93	47	0	0	2	0
TN MEMPHIS	84	69	89	68	77	4	1.73	0.69	0.93	17.85	108	25.97	104	88	59	0	0	5	1
TN NASHVILLE	88	65	91	63	76	6	0.60	-0.55	0.28	14.12	102	21.82	101	92	47	2	0	3	0
TX ABILENE	86	63	91	60	74	-2	1.11	0.37	0.94	3.50	59	3.99	50	90	57	2	0	2	1
TX AMARILLO	83	58	89	54	70	2	0.86	0.17	0.68	4.36	88	4.75	77	86	41	0	0	2	1
TX AUSTIN	85	65	93	63	75	-2	3.05	1.84	1.78	10.76	111	11.85	87	90	63	2	0	2	2
TX BEAUMONT	86	69	91	67	78	0	1.05	-0.43	0.62	5.74	43	12.46	55	95	56	1	0	3	1
TX BROWNSVILLE	91	74	94	70	82	1	0.74	0.15	0.74	4.57	85	5.33	67	96	58	5	0	1	1
TX CORPUS CHRISTI	92	72	95	66	82	3	0.23	-0.65	0.21	6.20	85	7.11	66	91	59	6	0	2	0
TX DEL RIO	94	73	103	70	83	3	0.03	-0.42	0.03	0.74	15	0.96	15	79	47	5	0	1	0
TX EL PASO	94	67	102	60	80	3	0.00	-0.09	0.00	0.64	74	0.64	37	35	14	5	0	0	0
TX FORT WORTH	85	68	89	65	77	1	2.15	0.99	1.90	6.59	58	7.33	47	89	53	0	0	4	1
TX GALVESTON	***	***	***	***	***	***	***	***	***	4.81	53	7.85	50	***	***	***	***	***	***
TX HOUSTON	84	69	88	65	76	-2	7.46	6.16	2.91	15.73	130	19.08	102	94	68	0	0	5	4
TX LUBBOCK	82	58	90	53	70	-2	2.82	2.21	1.60	5.98	137	6.14	110	90	56	1	0	2	2
TX MIDLAND	88	63	94	59	75	-1	1.85	1.44	1.85	2.93	100	3.19	79	89	47	4	0	1	1
TX SAN ANGELO	86	63	92	61	75	0	4.24	3.50	2.37	8.22	145	8.28	108	90	52	2	0	2	2
TX SAN ANTONIO	88	68	95	65	78	0	2.02	0.83	1.72	6.73	73	7.38	58	90	55	3	0	3	1
TX VICTORIA	88	70	95	67	79	0	5.27	4.01	3.85	9.62	93	11.28	76	93	60	3	0	4	3
TX WACO	83	66	89	63	75	-2	2.47	1.50	1.49	10.39	105	11.15	78	94	67	0	0	3	2
UT WICHITA FALLS	87	63	93	60	75	1	0.25	-0.73	0.21	4.79	54	5.14	45	90	50	1	0	3	0
UT SALT LAKE CITY	86	60	93	52	73	11	0.00	-0.38	0.00	3.70	61	6.48	74	53	17	2	0	0	0
VT BURLINGTON	71	50	80	45	61	1	0.64	-0.10	0.45	9.51	112	13.79	111	93	50	0	0	3	0
VA LYNCHBURG	80	58	87	51	69	3	0.20	-0.70	0.13	12.31	108	19.40	108	96	58	0	0	3	0
VA NORFOLK	80	62	92	57	71	2	1.27	0.43	1.27	13.34	119	19.64	106	87	52	2	0	1	1
VA RICHMOND	82	60	92	55	71	3	0.35	-0.54	0.34	9.73	87	16.04	90	85	49	2	0	2	0
VA ROANOKE	83	62	89	52	72	5	0.17	-0.76	0.17	9.31	80	15.58	87	83	50	0	0	1	0
WA WASH/DULLES	78	55	87	50	67	2	1.64	0.63	0.83	17.98	164	24.48	146	91	53	0	0	4	1
WA OLYMPIA	66	43	74	40	55	0	0.40	-0.05	0.25	16.78	151	29.82	120	94	62	0	0	3	0
WA QUILLAYUTE	61	44	68	39	53	1	0.42	-0.67	0.19	29.62	124	52.19	105	97	76	0	0	4	0
WA SEATTLE-TACOMA	67	50	74	48	59	2	0.22	-0.14	0.22	16.75	207	26.56	152	84	61	0	0	1	0
WA SPOKANE	69	47	78	43	58	1	0.10	-0.25	0.10	4.59	104	7.41	96	72	30	0	0	1	0
WA YAKIMA	76	43	83	37	60	2	0.01	-0.11	0.01	1.19	68	2.92	79	71	32	0	0	1	0
WV BECKLEY	79	56	81	47	67	5	0.03	-0.93	0.02	9.02	79	16.91	96	87	54	0	0	2	0
WV CHARLESTON	83	57	86	49	70	5	0.13	-0.85	0.10	9.06	79	16.12	90	100	49	0	0	2	0
WV ELKINS	79	51	82	42	65	4	0.68	-0.42	0.34	9.08	74	15.34	81	95	43	0	0	3	0
WV HUNTINGTON	83	58	86	49	70	4	0.73	-0.27	0.72	12.19	105	19.54	109	98	50	0	0	2	1
WI EAU CLAIRE	84	55	88	44	70	9	0.66	-0.25	0.64	10.91	129	14.11	137	93	35	0	0	2	1
WI GREEN BAY	79	53	86	49	66	6	0.48	-0.19	0.47	7.87	107	10.67	111	92	49	0	0	2	0
WI LA CROSSE	86	59	90	50	73	9	0.69	-0.07	0.50	10.80	123	13.17	120	90	32	1	0	4	1
WI MADISON	82	55	87	47	69	8	1.89	1.12	1.46	9.86	111	11.75	103	82	48	0	0	2	1
WI MILWAUKEE	74	52	85	47	63	3	0.80	0.13	0.49	8.22	87	10.96	85	80	64	0	0	2	0
WY CASPER	81	44	92	36	63	7	0.00	-0.49	0.00	3.28	68	4.76	79	78	43	1	0	0	0
WY CHEYENNE	74	47	83	45	61	6	0.27	-0.29	0.16	3.81	75	5.98	100	85	47	0	0	4	0
WY LANDER	81	50	87	45	66	9	0.01	-0.44	0.01	3.40	60	4.20	62	70	22	0	0	1	0
WY SHERIDAN	79	50	93	44	65	10	0.15	-0.40	0.09	4.97	96	6.82	105	85	45	1	0	2	0

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

May 26 – June 1, 2014

*Weekly National Agricultural Summary provided by USDA/NASS*

### HIGHLIGHTS

**Weekly temperatures were above normal across the Corn Belt and most of the western United States. Virtually all of the major corn-producing regions recorded temperatures more than 6°F above normal, with parts of the northern Great Plains more than 9°F above normal. Significant**

**rainfall hit the lower Mississippi Delta, with some locations recording more than 7.5 inches of precipitation for the week. Less significant storms resulted in above-average precipitation for the week in Texas, the Southeast, and the upper Midwest.**

**Corn:** By week's end, 95 percent of this year's corn crop was planted, 5 percentage points ahead of last year and slightly ahead of the 5-year average. Nationally, 80 percent of the corn crop had emerged by June 1, nine percentage points ahead of last year but equal to the 5-year average. Above-average temperatures in much of the Corn Belt aided producers in finishing planting and assisted with the development of the newly planted crop. Overall, 76 percent of the corn was reported in good to excellent condition, compared with 63 percent at the same time last year.

**Soybeans:** Producers had planted 78 percent of the nation's soybean crop by June 1. This was 23 percentage points ahead of last year and 8 points ahead of the 5-year average. Warmer weather, along with the completion of other row crop planting, allowed for rapid planting progress. Planting in Michigan, North Dakota, Ohio, and Wisconsin, advanced at least 30 percentage points for the week. Nationwide, 50 percent of the soybean crop had emerged by week's end, 21 percentage points ahead of last year and 5 points ahead of the 5-year average.

**Winter Wheat:** Heading of this year's winter wheat crop advanced to 79 percent by week's end, 8 percentage points ahead of last year and slightly ahead of the 5-year average. Producers in parts of Oklahoma reported good rains during the weekend, which came too late to revive drought-stricken wheat. Winter wheat harvest was underway in parts of the Northern High Plains of Texas. Overall, 30 percent of the winter wheat crop was reported in good to excellent condition, the same as last week but 2 percentage points below the same time last year.

**Cotton:** By week's end, 74 percent of the cotton crop was planted, 5 percentage points behind last year and 7 points behind the 5-year average. Cotton was sprayed for flea hoppers in the Upper Coast of Texas. Nationally, 5 percent of the cotton crop was squaring, slightly ahead of last year but slightly behind the 5-year average.

**Sorghum:** By June 1, producers had planted 56 percent of this year's sorghum crop, 5 percentage points ahead of last year but slightly behind the 5-year average. Advances of more than 20 percentage points were seen in Illinois, Nebraska, and South Dakota.

**Rice:** Nationally, emergence of the rice crop reached 89 percent, 3 percentage points ahead of both last year and the 5-year average.

Overall, 69 percent of the rice crop was reported in good to excellent condition, up 2 percentage points from last week and 8 points above the same time last year.

**Other Small Grains:** Oat producers had sown 95 percent of this year's crop by June 1, slightly ahead of last year but 2 percentage points behind the 5-year average. Nationwide, 86 percent of the oat crop had emerged by week's end, also slightly ahead of last year but 4 percentage points behind the 5-year average. Thirty-two percent of the nation's oat crop was at or beyond the heading stage by June 1, two percentage points ahead of last year but 2 points behind the 5-year average. Overall, 62 percent of the oat crop was reported in good to excellent condition, up 2 percentage points from last week and 6 points above the same time last year.

By week's end, 93 percent of the barley crop was seeded, 11 percentage points ahead of last year and 4 points ahead of the 5-year average. Seventy-six percent of the barley crop had emerged by June 1, sixteen percentage points ahead of last year and 7 points ahead of the 5-year average. Overall, 67 percent of the barley crop was reported in good to excellent condition, slightly above the same time last year.

Producers had sown 88 percent of the spring wheat crop by week's end, 8 percentage points ahead of last year but equal to the 5-year average. Sixty-seven percent of the spring wheat crop had emerged by June 1, nine percentage points ahead of last year but 5 points behind the 5-year average. Emergence of spring wheat remains well behind normal in Minnesota and the Dakotas.

**Other Crops:** Peanut producers had planted 84 percent of this year's crop by week's end, 2 percentage points ahead of both last year and the 5-year average. Peanut planting was nearly finished in South Carolina at 97 percent complete, 12 percentage points ahead of the 5-year average.

By June 1, producers had planted 99 percent of the sugarbeet crop, 3 percentage points ahead of last year and 2 points ahead of the 5-year average.

Twenty-six percent of the sunflower crop was planted by week's end, 12 percentage points ahead of last year but 7 points behind the 5-year average. Significant planting delays were evident in Colorado and North Dakota.

## Crop Progress and Condition

### Week Ending June 1, 2014

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

Corn Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
CO	94	93	99	95
IL	91	95	98	94
IN	93	87	95	87
IA	88	96	99	97
KS	95	93	97	98
KY	89	87	94	92
MI	93	53	81	90
MN	86	81	93	95
MO	86	97	99	94
NE	99	97	99	99
NC	100	98	99	100
ND	82	67	86	88
OH	97	69	88	85
PA	92	63	80	86
SD	95	90	96	95
TN	96	97	99	97
TX	97	97	100	97
WI	73	67	86	90
18 Sts	90	88	95	94
These 18 States planted 91% of last year's corn acreage.				

Corn Percent Emerged				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
CO	64	55	84	69
IL	79	81	91	82
IN	74	68	83	73
IA	70	67	89	89
KS	73	70	86	85
KY	67	66	81	80
MI	75	23	48	73
MN	61	32	69	82
MO	70	88	95	83
NE	81	74	90	88
NC	99	91	95	99
ND	52	13	47	60
OH	72	39	62	66
PA	58	40	54	59
SD	73	48	81	71
TN	82	87	94	90
TX	89	88	100	89
WI	42	21	52	65
18 Sts	71	60	80	80
These 18 States planted 91% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	0	1	29	51	19
IL	1	2	27	53	17
IN	1	5	24	55	15
IA	0	1	17	65	17
KS	2	7	50	37	4
KY	1	2	17	66	14
MI	0	1	18	68	13
MN	0	1	16	68	15
MO	0	6	29	55	10
NE	0	2	22	65	11
NC	0	2	17	70	11
ND	1	1	7	82	9
OH	1	3	21	62	13
PA	0	0	13	82	5
SD	0	1	17	75	7
TN	0	2	16	63	19
TX	0	5	48	38	9
WI	0	2	18	70	10
18 Sts	0	2	22	63	13
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	2	5	30	52	11

Soybeans Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
AR	56	63	71	65
IL	48	64	85	65
IN	74	58	81	66
IA	43	80	94	83
KS	49	58	74	63
KY	28	30	52	47
LA	80	90	92	88
MI	76	29	61	70
MN	53	49	75	80
MS	70	83	86	88
MO	35	61	76	53
NE	78	88	96	89
NC	38	43	57	49
ND	48	31	63	63
OH	86	34	66	70
SD	61	64	81	68
TN	34	39	54	47
WI	41	39	69	71
18 Sts	55	59	78	70
These 18 States planted 95% of last year's soybean acreage.				

Soybeans Percent Emerged				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
AR	43	48	61	52
IL	29	32	59	44
IN	45	30	55	46
IA	21	22	63	59
KS	20	25	48	37
KY	12	12	32	31
LA	71	77	84	78
MI	53	11	25	44
MN	16	6	38	46
MS	46	67	77	77
MO	19	34	56	33
NE	43	42	72	61
NC	24	30	44	35
ND	10	0	19	26
OH	54	11	31	46
SD	24	20	48	32
TN	16	21	32	28
WI	14	4	28	36
18 Sts	29	25	50	45
These 18 States planted 95% of last year's soybean acreage.				

Sorghum Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
AR	96	91	96	97
CO	19	25	27	34
IL	53	35	61	39
KS	26	16	33	37
LA	99	99	100	99
MO	39	56	71	52
NE	59	57	78	64
NM	8	15	25	31
OK	27	40	48	51
SD	32	22	43	43
TX	81	83	85	81
11 Sts	51	46	56	57
These 11 States planted 98% of last year's sorghum acreage.				

**Crop Progress and Condition**

**Week Ending June 1, 2014**

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

Winter Wheat Percent Headed				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
AR	100	99	99	100
CA	100	99	100	100
CO	31	38	63	67
ID	12	13	23	11
IL	91	81	88	94
IN	84	61	84	91
KS	90	89	96	97
MI	43	5	20	54
MO	95	88	96	96
MT	0	0	0	0
NE	24	28	60	56
NC	100	97	97	100
OH	82	35	76	86
OK	94	99	100	99
OR	52	66	79	54
SD	2	0	11	24
TX	89	94	98	97
WA	54	33	54	38
18 Sts	71	70	79	78
These 18 States planted 87% of last year's winter wheat acreage.				

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	0	4	28	52	16
CA	0	0	10	35	55
CO	24	15	29	28	4
ID	0	1	18	68	13
IL	2	5	26	48	19
IN	1	4	25	55	15
KS	28	34	27	10	1
MI	4	14	33	42	7
MO	2	8	37	46	7
MT	1	6	28	49	16
NE	8	18	34	37	3
NC	0	3	25	60	12
OH	1	5	30	54	10
OK	49	29	17	5	0
OR	5	10	39	37	9
SD	0	5	35	57	3
TX	33	31	22	12	2
WA	5	18	40	35	2
18 Sts	22	22	26	25	5
Prev Wk	22	22	26	24	6
Prev Yr	24	19	25	26	6

Peanuts Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
AL	78	52	76	75
FL	74	72	80	81
GA	82	70	85	81
NC	93	73	93	94
OK	80	78	80	83
SC	86	90	97	85
TX	83	60	83	89
VA	95	65	88	93
8 Sts	82	68	84	82
These 8 States planted 96% of last year's peanut acreage.				

Sugarbeets Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
ID	100	100	100	100
MI	100	87	98	99
MN	95	86	99	96
ND	92	78	97	95
4 Sts	96	87	99	97
These 4 States planted 85% of last year's sugarbeet acreage.				

Cotton Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
AL	95	64	78	89
AZ	100	90	95	98
AR	94	96	99	93
CA	99	99	99	99
GA	81	66	81	79
KS	46	37	66	58
LA	93	90	96	97
MS	71	83	88	88
MO	94	91	97	96
NC	92	87	96	94
OK	47	30	41	52
SC	76	80	95	87
TN	71	76	91	82
TX	74	49	62	75
VA	97	83	89	98
15 Sts	79	62	74	81
These 15 States planted 98% of last year's cotton acreage.				

Cotton Percent Squaring				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
AL	0	NA	6	1
AZ	8	NA	8	13
AR	0	NA	3	8
CA	5	NA	5	5
GA	1	NA	0	3
KS	0	NA	0	0
LA	0	NA	1	8
MS	0	NA	1	3
MO	0	NA	0	1
NC	2	NA	2	2
OK	0	NA	4	0
SC	0	NA	0	1
TN	0	NA	1	0
TX	6	4	7	9
VA	0	NA	0	0
15 Sts	4	NA	5	6
These 15 States planted 98% of last year's cotton acreage.				

Sunflowers Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
CO	19	3	13	31
KS	12	7	21	20
ND	19	13	29	39
SD	8	12	26	27
4 Sts	14	12	26	33
These 4 States planted 83% of last year's sunflower acreage.				

## Crop Progress and Condition

### Week Ending June 1, 2014

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

Oats Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
IA	100	99	100	100
MN	88	85	92	96
NE	100	100	100	100
ND	72	66	83	83
OH	100	90	96	93
PA	99	93	98	98
SD	100	90	96	99
TX	100	100	100	100
WI	90	76	91	97
9 Sts	94	89	95	97
These 9 States planted 65% of last year's oat acreage.				

Oats Percent Emerged				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
IA	98	93	97	99
MN	66	48	79	87
NE	96	96	100	97
ND	51	28	56	64
OH	91	79	89	87
PA	99	81	92	92
SD	94	64	85	91
TX	100	100	100	100
WI	74	47	71	89
9 Sts	85	72	86	90
These 9 States planted 65% of last year's oat acreage.				

Oats Percent Headed				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
IA	3	3	12	15
MN	0	0	0	3
NE	10	6	16	22
ND	0	0	0	0
OH	4	1	7	17
PA	9	0	3	8
SD	0	0	2	6
TX	92	99	100	98
WI	0	0	0	4
9 Sts	30	30	32	34
These 9 States planted 65% of last year's oat acreage.				

Oat Condition by Percent					
	VP	P	F	G	EX
IA	0	1	36	53	10
MN	1	1	23	70	5
NE	2	19	39	39	1
ND	1	1	9	86	3
OH	0	8	26	61	5
PA	0	0	18	65	17
SD	0	0	21	74	5
TX	12	21	37	25	5
WI	0	2	15	68	15
9 Sts	4	8	26	55	7
Prev Wk	4	8	28	53	7
Prev Yr	5	9	30	47	9

Spring Wheat Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
ID	100	100	100	99
MN	91	67	84	95
MT	93	90	94	89
ND	64	59	83	81
SD	100	89	95	99
WA	100	100	100	99
6 Sts	80	74	88	88
These 6 States planted 99% of last year's spring wheat acreage.				

Spring Wheat Percent Emerged				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
ID	93	94	98	90
MN	69	20	60	81
MT	62	58	82	72
ND	40	26	51	61
SD	92	59	82	94
WA	100	98	100	97
6 Sts	58	43	67	72
These 6 States planted 99% of last year's spring wheat acreage.				

Barley Percent Planted				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
ID	99	99	100	98
MN	85	63	78	93
MT	98	96	98	94
ND	57	56	82	77
WA	100	100	100	99
5 Sts	82	84	93	89
These 5 States planted 77% of last year's barley acreage.				

Barley Percent Emerged				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
ID	92	86	95	82
MN	64	21	57	81
MT	73	68	88	73
ND	23	17	45	54
WA	98	95	100	93
5 Sts	60	57	76	69
These 5 States planted 77% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	0	0	16	70	14
MN	0	1	31	59	9
MT	0	0	47	45	8
ND	1	2	25	63	9
WA	2	6	41	49	2
5 Sts	0	1	32	58	9
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	2	3	29	59	7

**Crop Progress and Condition**

**Week Ending June 1, 2014**

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

Rice Percent Emerged				
	Prev Year	Prev Week	Jun 1 2014	5-Yr Avg
AR	84	86	94	90
CA	82	50	70	62
LA	97	97	98	98
MS	69	83	86	90
MO	95	84	88	89
TX	94	95	99	92
6 Sts	86	80	89	86
These 6 States planted 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	0	5	31	51	13
CA	0	5	20	60	15
LA	0	2	19	64	15
MS	0	1	25	63	11
MO	0	4	35	50	11
TX	1	4	43	47	5
6 Sts	0	4	27	56	13
Prev Wk	0	5	28	54	13
Prev Yr	1	5	33	37	24

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

NA - Not Available  
\* Revised

Pasture and Range Condition by Percent												
Week Ending Jun 1, 2014												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	0	3	25	54	18		NH	0	4	32	40	24
AZ	25	30	29	16	0		NJ	4	5	26	36	29
AR	1	5	28	53	13		NM	26	42	24	8	0
CA	25	45	20	10	0		NY	4	9	36	41	10
CO	12	23	30	32	3		NC	1	5	29	57	8
CT	0	0	22	74	4		ND	1	3	20	63	13
DE	2	4	25	41	28		OH	2	6	24	58	10
FL	0	7	35	54	4		OK	19	24	33	22	2
GA	0	5	34	52	9		OR	2	21	34	41	2
ID	0	0	26	60	14		PA	4	7	26	40	23
IL	1	7	31	42	19		RI	0	0	0	100	0
IN	1	5	23	55	16		SC	0	5	40	53	2
IA	2	7	29	48	14		SD	0	3	26	60	11
KS	18	25	37	19	1		TN	1	6	26	60	7
KY	1	6	22	56	15		TX	11	18	35	28	8
LA	1	14	35	45	5		UT	1	10	38	46	5
ME	0	2	37	53	8		VT	0	0	12	57	31
MD	0	1	11	65	23		VA	2	8	36	48	6
MA	0	3	31	56	10		WA	2	6	46	38	8
MI	4	10	29	45	12		WV	1	2	30	64	3
MN	0	3	23	63	11		WI	0	1	18	64	17
MS	1	6	25	56	12		WY	1	4	15	66	14
MO	1	13	48	35	3		48 Sts	6	13	31	42	8
MT	3	11	33	44	9							
NE	12	15	38	33	2		Prev Wk	7	14	33	39	7
NV	20	20	40	20	0		Prev Yr	10	15	29	37	9

## State Agricultural Summaries

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

**ALABAMA:** Days suitable for fieldwork was 4.9. Topsoil moisture 1% very short, 11% short, 65% adequate, 23% surplus. Subsoil moisture 6% short, 70% adequate, 24% surplus. Corn emerged 97%, 96% last week, 96% 2013, 97% avg. Corn silking 4%, 1% last week, 1% 2013, 8% avg. Corn condition 1% poor, 19% fair, 68% good, 12% excellent. Soybeans planted 60%, 49% last week, 41% 2013, 53% avg. Soybeans emerged 48%, 37% last week, 27% 2013, 38% avg. Winter wheat headed 100%, 98% last week, 99% 2013, 99% avg. Winter wheat harvested 14%, 10% last week, 10% 2013, 20% avg. Winter wheat condition 1% very poor, 2% poor, 17% fair, 61% good, 19% excellent. Hay harvested first cutting 75%, 58% last week, 66% 2013, and 69% avg. Livestock condition 2% poor, 24% fair, 56% good, 18% excellent. Pasture and range condition 3% poor, 25% fair, 54% good, 18% excellent. The week's average mean temperatures ranged from 74.6 F in Haleyville to 77.7 F in Montgomery; total precipitation ranged from 0.13 inches in Muscle Shoals to 5.03 inches in Mobile. Alabama experienced fairly normal temperatures last week. Isolated showers occurred throughout the week with heavier rain moving across the state Wednesday and Thursday. Totals over five inches were recorded in the Mobile Bay area. Planting of cotton, peanuts, and soybeans moved forward in spite of mid-week showers. Cotton and soybeans were still behind the 5-year average for planting progress. Crops appear to be in good condition overall. Wheat harvesting and hay cutting made some progress before being halted by rain. Livestock continued in good condition.

**ALASKA:** Days suitable for fieldwork 6.0. Topsoil moisture 30% very short, 40% short, 30% adequate. Subsoil moisture 15% very short, 45% short, 40% adequate. Barley planted 100%; emerged 25%. Oats planted 95%; emerged 25%. Potatoes planted 95%. Livestock condition 30% fair, 60% good, 10% excellent. Pasture and range condition 5% very poor, 20% poor, 50% fair, 20% good. Dry conditions were slowing small grain emergence. The main farm activities for the week were planting small grains, potatoes and vegetables, irrigating, weed control, farm maintenance and fence repair. Light rains brought some much needed moisture to South central Alaska. The large forest fire on the Kenai Peninsula had producers making plans for evacuating their livestock and equipment should conditions warrant it.

**ARIZONA:** Days suitable for field work 7.0 days. Topsoil moisture 2% very short, 36% short, 62% adequate, 0% surplus. Subsoil moisture 9% very short, 34% short, 57% adequate, 0% surplus. Cotton planting is 95 percent complete, 5 and 3 percentage points behind last year and the 5-year average, with conditions at fair to excellent. Conditions for cotton were 29% fair, 36% good, and 35% excellent. Arizona's alfalfa condition was rated in fair to excellent condition, depending on location. Harvesting occurred on over three-quarters of the alfalfa acreage across the State. Barley conditions are mostly good to fair, with 10 percent harvested, 50 and 14 percentage points behind last year and the 5-year average. Durum Wheat conditions are mostly good to excellent, with 12 percent harvested, 6 percentage points behind last year but 1 percentage point ahead of the 5-year average. Winter Wheat conditions are fair to excellent, depending on location, with 5 percent harvested, same as last year and the 5-year average. This week there were 7 days suitable for field work. Watermelons, cantaloupes, honeydews, onions and potatoes show movement this week. Some precipitation was received in areas throughout the State, but not enough to overcome dry conditions. Range and Pastures were rated in very poor to good condition, depending on location. Conditions were 25% very poor, 30% poor, 29% fair, 16% good and 0% excellent.

**ARKANSAS:** Days suitable for fieldwork 2.5. Topsoil moisture 0% very short, 2% short, 57% adequate, 41% surplus. Subsoil moisture 0% very short, 7% short, 62% adequate, 31% surplus. Corn reached

99% planted, 99% last week, 100% last year, 100% 5-year average; 99% emerged, 97% last week, 98% last year, 99% 5-year average. Corn condition 0% very poor, 1% poor, 22% fair, 61% good, and 16% excellent. Winter wheat reached 99% headed, 99% last week, 100% last year, 100% 5-year average; 2% harvested, 1% last week, 1% last year, 24% 5-year average. Winter wheat condition 0% very poor, 4% poor, 28% fair, 52% good, and 16% excellent. Pasture condition 1% very poor, 5% poor, 28% fair, 53% good, 13% excellent. Livestock condition 0% very poor, 2% poor, 27% fair, 60% good, and 11% excellent. Most of the state received significant rainfall during last week. Producers continued to plant crops as weather permitted.

**CALIFORNIA:** Days suitable for field work 6 days. Topsoil moisture 45% very short, 30% short, 25% adequate, and 0% surplus. Subsoil moisture 25% very short, 60% short, 15% adequate and 0% surplus. At the start of the week an upper level low pressure system off the coast of British Columbia was driving a low pressure trough across the Pacific Northwest and into Northern California, while upper level high pressure remained over the southern area of the State. The northern low pressure system did not affect most of the northern part of the State until midweek; temperatures across the north were warm with highs in the Central Valley reaching the 90s through Tuesday. The southern region of the State also had very warm and dry temperatures during this period as a dry offshore flow persisted through Tuesday. By midweek the Pacific Northwest trough had spread across the northern part of the State and reached into the southern region, resulting in a cooling trend all across the State. This system was a dry one, so no significant precipitation reached the State. During the latter part of the week the low pressure trough remained over the State but gradually weakened, resulting in a slight warming trend to return. Temperatures throughout the week were warmer than normal. No significant precipitation was observed. Cotton fields are struggling to develop good leaf area due to extended thrips damage in the southern region of the State. Beet armyworms turned up in alfalfa, but there is no overwhelming pressure. Treatments have been limited. Second cuttings of alfalfa are occurring with pressure from aphids. Corn fields are emerging and have received varying treatment levels for armyworms and spider mites. Oat hay harvest continued throughout the State. Rice fields are flooded and rice is emerging. Barley and wheat harvest is underway. Grape bunches continued to develop; growers were thinning and tipping bunches. Grape growers trained vines and thinned leaves to allow sunlight and airflow. Olive and pomegranate fruit was increasing in size. Apricots, cherries, nectarines, peaches, and plums were harvested. Growers thinned fruit on later varieties. Reflective foil remained in stone fruit orchards to enhance fruit color. Prune fruit continued to develop. Strawberry and blueberry harvests remained active. Valencia orange harvest was ongoing. Walnut and pistachio growers were irrigating orchards and spraying for weeds. Nuts continued to develop on walnut trees; growers monitored for codling moth. Hull split was expected to start early this year in almonds. Almond growers sprayed orchards for mites. In Sutter County, cucurbits were planted. Growers harvested radishes, broccoli, onions, garlic and other vegetables for farmer's markets and planted processing tomatoes. In Stanislaus County, growers harvested radishes, onions, garlic, peppers, and other vegetables for farmer's markets. The early plantings of cantaloupe and honeydew were up, blooming, and growing well. In Merced County, tomatoes were in full bloom. In Monterey County, full harvest continued for lettuce and Brassica. Growers were also planting for second harvest. In Fresno County, onions and garlic were nearing harvest. In Tulare County, summer vegetable planting reached full swing with some fruit already set. Melons, tomatoes, and eggplant were growing well. Italian squash harvest continued. In Imperial County, growers harvested sweet corn, onions, melons and watermelon. Range and non-irrigated pasture continued in fair to very poor condition with

limited forage as extreme to exceptional drought persisted for most of the State. Fire danger on rangeland remained high. Available water at lower elevations continued to diminish. Sheep and cattle grazed idle fields, dry land grain and alfalfa fields. Supplemental feeding of hay and grain continued.

**COLORADO:** Days suitable for field work 5.8 days. Topsoil moisture 15% very short, 34% short, 49% adequate, 2% surplus. Subsoil moisture 25% very short, 28% short, 46% adequate, 1% surplus. Spring barley emerged 97% this week, 91% last week, 96% last year, 98% average; headed 1% this week, last week not available, none last year, 4% average; condition 2% very poor, 3% poor, 18% fair, 51% good, 26% excellent. Spring wheat emerged 94% this week, 72% last week, 93% last year, 92% average; headed 1% this week, last week not available, 3% last year, 3% average; condition 1% poor, 37% fair, 61% good, 1% excellent. Winter wheat jointed 95% this week, 87% last week, 88% last year, 96% average; headed 63% this week, 38% last week, 31% last year, 67% average; condition 24% very poor, 15% poor, 29% fair, 28% good, 4% excellent. Corn planted 99% this week, 93% last week, 94% last year, 95% average; emerged 84% this week, 55% last week, 64% last year, 69% average; condition 1% poor, 29% fair, 51% good, 19% excellent. Dry beans planted 21% this week, 8% last week, 23% last year, 32% average, emerged 2% this week, last week not available, 2% last year, 5% average. Onion condition 1% very poor, 2% poor, 15% fair, 70% good, 12% excellent. Potatoes fall inside SLV emerged 24% this week, 11% last week, 6% last year, 14% average. Potatoes fall outside SLV planted 95% this week, 93% last week, 100% last year, 86% average; emerged 84% this week, 65% last week, 58% last year, 55% average; condition 5% poor, 34% fair, 59% good, 2% excellent. Sorghum planted 27% this week, 25% last week, 19% last year, 34% average; emerged 9% this week, last week not available, none last year, 2% average. Sugarbeets emerged 94% this week, 91% last week, 57% last year, 77% average; condition 1% very poor, 6% poor, 32% fair, 49% good, 12% excellent. Sunflowers planted 13% this week, 3% last week, 19% last year, 31% average. Alfalfa progress 1st cutting 16% this week, 7% last week, 12% last year, 25% average. Livestock condition 3% poor, 27% fair, 64% good, 6% excellent. Pasture and range conditions 12% very poor, 23% poor, 30% fair, 32% good, 3% excellent. Statewide, mountain snowpack is 193% of average as of May 29.

**DELAWARE:** Days suitable for fieldwork, 5.5. Topsoil moisture; 1% very short, 6% short, 87% adequate and 6% surplus. Subsoil moisture; 1% very short, 4% short, 84% adequate and 11% surplus. Alfalfa condition; 0% very poor, 3% poor, 12% fair, 79% good, 6% excellent. Apples condition; 2% very poor, 3% poor, 25% fair, 64% good, 6% excellent. Barley condition; 1% very poor, 4% poor, 16% fair, 72% good, 7% excellent. Corn condition; 2% very poor, 2% poor, 8% fair, 78% good, 10% excellent. Other hay condition; 0% very poor, 3% poor, 16% fair, 74% good, 7% excellent. Pasture and Range Condition; 2% very poor, 4% poor, 25% fair, 41% good, and 28% excellent. Peaches condition; 5% very poor, 7% poor, 20% fair, 60% good, 8% excellent. Soybean condition; 0% very poor, 0% poor, 4% fair, 61% good, 35% excellent. Wheat conditions; 1% very poor, 6% poor, 22% fair, 64% good, 7% excellent. Alfalfa 1st cutting; 69% this year, 98% last year, 89% five year average. Apples Bloomed; 94% this year, 100% last year, 100% five year average. Barley Coloring; 37% this year, 69% last year, 68% five year average. Cantaloupe Planted; 79% this year, 78% last year, 76% five year average. Corn Emerged; 84% this year, 83% last year, 88% five year average. Cucumbers Planted; 45% this year, 56% last year, 57% five year average. Lima Beans planted; 38% this year, 43% last year, 48% five year average. Other hay 1st cutting; 66% this year, 99% last year, 90% five year average. Snap Beans planted; 43% this year, 60% last year, 63% five year average. Soybean planted; 46% this year, 59% last year, 58% five year average. Soybean emerged; 24% this year, 32% last year, 35% five year average. Strawberries Harvested; 26% this year, 56% last year, 75% five year average. Sweet Corn Planted; 71% this year, 89% last year, 77% five year average. Tomatoes Planted; 77% this year, 85% last year, 81% five year average. Watermelon Planted; 84% this year, 84% last year, 84% five year average. Winter Wheat Headed; 93% this year, 100% last year, 100% five year average. Winter Wheat Coloring; 15% this

year, 8% last year, 25% five year average. Hay and Roughage Supplies; 0% very short, 18% short, 77% adequate and 5% surplus. Field activities for the week include cutting hay, planting, and applying fertilizer.

**FLORIDA:** Days suitable for field work; 6. Topsoil moisture 2% very short, 30% short, 62% adequate, 6% surplus. Subsoil moisture 2% very short, 26% short, 66% adequate, 6% surplus. Daily rain delayed harvest of winter wheat, oats in the Panhandle. Planting cotton, soybeans, peanuts weather permitting. Statewide, peanut planting 80 percent complete, ahead of last year's 74 percent, but behind 5-year average of 81 percent. Gilchrist, Levy counties harvesting watermelons. Some fields in central Florida flooded, delayed planting of cucumbers, squash. Last of potatoes, Flagler, Putnam counties being harvested. Crops being planted, harvested Miami-Dade County, boniato, malanga, okra, Asian bitter melon. Vegetables and fruits coming to market, cabbage, cantaloupe, sweet corn, cucumbers, eggplant, peppers, radishes, squash, tomatoes, watermelons. Pasture condition 7% poor, 35% fair, 54% good, 4% excellent. Cattle condition 2% poor, 28% fair, 64% good, 6% excellent. Winter grazing complete in Panhandle, warm season pastures developing. Southwest Florida; hot, dry conditions reduced pasture condition before rain late last week. Cattle condition for State primarily good, but pasture condition fair to good. Rainfall in the citrus producing area widespread, heavy in places. Immokalee (Collier County) received most rain with 4.78 inches, followed by Dade City (Pasco County) with 3.40 inches. Moderate drought conditions exist within the southernmost region of the citrus growing area. Next season's crop progressing well; early oranges and grapefruit golf ball size. Nutritional, post bloom sprays being applied, fertilizing, irrigating, mowing, resetting trees continued. Processing plants primarily running Valencia oranges. Packinghouses finished for season, some taking late oranges.

**GEORGIA:** Days suitable for fieldwork 5.6. Topsoil moisture 0% very short, 17% short, 68% adequate, 15% surplus. Subsoil moisture 1% very short, 9% short, 79% adequate, 11% surplus. Range and pasture condition 0% very poor, 5% poor, 34% fair, 52% good, 9% excellent. Blueberries harvested 57%, 58% 2013. Corn condition 0% very poor, 6% poor, 31% fair, 56% good, 7% excellent. Hay 1st Cutting 82%, 75% 2013. Oat condition 1% very poor, 6% poor, 45% fair, 45% good, 3% excellent. Oats harvested 40%, 44% 2013. Onions harvested 95%, 95% 2013. Peach condition 0% very poor, 2% poor, 10% fair, 86% good, 2% excellent. Peaches harvested 11%, 42% 2013. Rye condition 0% very poor, 5% poor, 43% fair, 47% good, 5% excellent. Rye Harvested 38%, 53% 2013. Sorghum condition 0% very poor, 1% poor, 39% fair, 56% good, 4% excellent. Sorghum planted 64%, 39% 2013. Soybeans planted 50%, 38% 2013. Tobacco condition 1% very poor, 4% poor, 33% fair, 51% good, 11% excellent. Watermelon condition 0% very poor, 6% poor, 31% fair, 53% good, 10% excellent. Winter wheat condition 1% very poor, 7% poor, 34% fair, 52% good, 6% excellent. Winter wheat harvested 24%, 21% 2013. Precipitation estimates for the state ranged from 0.2 inches rain up to 3.0 inches. Average high temperatures ranged from the low 80s to the low 90s. Average low temperatures ranged from the mid 60s to the low 70s.

**HAWAII:** Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 49% short, 51% adequate, 0% surplus. On May 27, the U.S. Drought Monitor reported that 49.20 percent of the State was abnormally dry or drier, down 5.96 percentage points from the previous week. The average rainfall across the islands for the past week was 1.04 inches. On Maui, increased sunny and warm weather conditions were received over most areas. Precipitation was reported over higher elevation areas and along the windward section of the island. Pastures continued to benefit from the follow up rainfall that has encouraged forage growth. Producers of short term crops were still trying to recover from lost plantings due to the rainfall received earlier in the year. Longer growing crops and orchards were showing benefits of the rainfall with new growth and heavy flowering. On the Big Island, trade wind weather prevailed this week. Daytime temperatures were warm, averaging 80 degrees with lows reaching into the low 60's. Trade wind showers favored windward areas with some precipitation making it to leeward areas. There were heavy

downpours in the South Kohala district affecting areas of Waikoloa through Kawaihae. Landscapes and orchard crops in the windward area benefitted from precipitation received throughout the week. Overall, the mix of sunshine and rainfall helped maintain plant growth and development.

**IDAHO:** Days suitable for field work 6.7 days. Topsoil moisture 4% very short, 29% short, 64% adequate, 3% surplus. Subsoil moisture 1% very short, 16% short, 83% adequate. Winter wheat condition 1% poor, 18% fair, 68% good, 13% excellent. Winter wheat headed 23%, 12% 2013, 11% avg. Barley emerged 95%, 92% 2013, 82% avg. Barley condition 16% fair, 70% good, 14% excellent. Corn planted 90%, 86% 2013, 86% avg. Corn emerged 72%, 62% 2013, 52% avg. Dry beans planted 86%, 78% 2013, 57% avg. Dry beans emerged 65%, 56% 2013, 30% avg. Dry peas emerged 96%, 78% 2013, 67% avg. Oats emerged 96%, 81% 2013, 75% avg. Potatoes emerged 42%, 51% 2013, 38% avg. Spring wheat emerged 98%, 93% 2013, 90% avg. Spring wheat condition 27% fair, 61% good, 12% excellent. Sugarbeets emerged 93%, 99% 2013, 96% avg. Irrigation water supply conditions 1% very poor, 5% poor, 29% fair, 54% good, 11% excellent. Pasture and range conditions 26% fair, 60% good, 14% excellent. Temperatures across the state ranged from 2 degrees below normal and 8 degrees above normal for the week ending on June 1. Many crops continue to be ahead of historical averages because of favorable weather conditions during the week. Reports across the state indicate that small grain conditions continue to be good to excellent. Washington county extension agent reported that warm weather conditions had assisted in rapid corn progress. Reporters in the southeast region of the state informed that the first cuttings of hay and irrigation season were in full swing. Reports from the northern region of the state suggest that pulse crops were making great progress during this crop season and continue to steadily be above the five year average. Major agricultural activities included planting of beans, corn, and first cutting of hay.

**ILLINOIS:** Days suitable for fieldwork 5.4. Topsoil moisture 1% very short, 13% short, 77% adequate, and 9% surplus. Subsoil moisture 4% very short, 18% short, 75% adequate, and 3% surplus. Oats planted 92%, 97% 2013, 99% avg. Temperatures averaged 74.0 degrees, 7.2 degrees above normal. Statewide precipitation averaged 0.62 inches, 0.35 inches below normal. Warm and dry conditions continued throughout the state last week allowing operators to continue planting. Both corn and soybean crops have emerged ahead of 5-year averages.

**INDIANA:** Days suitable for fieldwork 5.1. Topsoil moisture 1% very short, 9% short, 69% adequate, 21% surplus. Subsoil moisture 1% very short, 7% short, 78% adequate, 14% surplus. Winter wheat jointed 96%, 2013 96%, 5y 99%. Soybean condition 1% very poor, 4% poor, 30% fair, 54% good, 11% excellent. Alfalfa first cutting 46%, 2013 39%, 5y 52%. Other hay first cutting 41%. The northern part of the state led in corn emergence at 86%, followed by 84% in central and 76% in the south. For soybeans planted, the north led at 87%, compared with 84% and 66% in central and south respectively. Winter wheat heading was nearest completion in the south at 92%, followed by central at 85% and north at 75%. Temperatures ranged between 51 and 90 degrees this week, varying on average between 5 and 10 degrees above normal statewide. Precipitation across the state was sporadic, with totals ranging from 0 to 1.87 inches. Fieldwork was variable this week as zero precipitation permitted some areas to be worked all week long, while downpours in other areas kept farmers out the fields for the majority of the week. Where weather permitted, farmers were finishing up corn and soybean planting, including replanting of any flood-damaged stands. Corn that had emerged yellow was greening nicely with warmer temperatures. Sidedressing corn and spraying for weeds was well under way. Winter wheat continues to fare well, with most of the crop headed. Warm weather and good breezes made ideal conditions for hay cutting. Other activities this week included scattered tilling and mowing of roadsides.

**IOWA:** Days suitable for fieldwork 5.1. Topsoil moisture 2% very short, 14% short, 77% adequate, and 7% surplus. Subsoil moisture 6% very short, 25% short, 64% adequate, and 5% surplus. Alfalfa 1st

cutting 22%, 3% 2013, 34% average. All hay condition 0% very poor, 2% poor, 29% fair, 52% good, 17% excellent. Warm weather and good soil moisture conditions accelerated crop and pasture growth during the week. Other activities for the week included spraying, herbicide application, and nitrogen side dressing. Livestock conditions were reported as above average.

**KANSAS:** Days suitable for fieldwork 5.8. Topsoil moisture supplies rated 29% very short, 31% short, 39% adequate, and 1% surplus. Subsoil moisture supplies rated 39% very short, 36% short, 25% adequate, and 0% surplus. Winter wheat coloring 37%, 0% 2013, 33% avg. Sorghum emerged 7%, 7% 2013, 15% avg. Sunflowers emerged 6%, 0% 2013, 5% avg. Hay alfalfa conditions 10% very poor, 24% poor, 43% fair, 21% good, 2% excellent. Hay alfalfa first cutting 69%, 39% 2013, 70% avg. Stock water supplies were rated 19% very short, 29% short, 52% adequate, and 0% surplus. Scattered rain showers fell across much of Kansas. The rain received provided moisture needed for emergence of recently planted corn and soybeans.

**KENTUCKY:** Days suitable fieldwork 5.4. Topsoil 1% very short, 11% short, 74% adequate, 14% surplus. Subsoil moisture 1% very short, 9% short, 79% adequate, 11% surplus. Precipitation averaged 0.36 inches, 0.76 inches below normal. Temperatures averaged 73 degrees, 5 degrees above normal. Corn average height 9 inches. Winter wheat condition 2% very poor, 5% poor, 21% fair, 53% good, 19% excellent. Tobacco set 60%, 42% 2013, 52% average. All hay condition 2% very poor, 7% poor, 30% fair, 47% good, 14% excellent. Livestock condition 1% very poor, 2% poor, 15% fair, 68% good, 14% excellent. Primary activities this week included planting corn, soybeans and tobacco. Farmers were also busy cutting and baling hay as weather permitted.

**LOUISIANA:** Days suitable for fieldwork 3.0. Topsoil moisture 0% very short, 9% short, 42% adequate, 49% surplus. Subsoil moisture 1% very short, 6% short, 57% adequate, 36% surplus. Corn planted 100% this week, 100% last week, 100% last year, 100% average. Corn emerged 100% this week, 100% last week 100% last year, 100% average. Corn silked 14% this week, 0% last week, 38% last year, 48% average. Corn condition 0% very poor, 2% poor, 30% fair, 58% good, 10% excellent. Winter Wheat headed 100% this week, 100% last week, 100% last year, 100% average. Winter wheat coloring 96% this week, 93% last week, 98% last year, 100% average. Winter wheat harvested 31% this week, 17% last week, 17% last year, 67% average. Winter Wheat condition 0% very poor, 3% poor, 44% fair, 47% good, 6% excellent. Sweet potatoes planted 24% this week, 12% last week, 59% last year, 43% average. Hay first cutting 70% this week, 62% last week, 59% last year, 76% average. Sugarcane condition 3% very poor, 15% poor, 38% fair, 33% good, 11% excellent. Vegetables condition 1% very poor, 9% poor, 43% fair, 43% good, 4% excellent. Pasture condition 1% very poor, 14% poor, 35% fair, 45% good, 5% excellent. Livestock condition 1% very poor, 8% poor, 33% fair, 51% good, 7% excellent.

**MARYLAND:** Days suitable for fieldwork, 5. Topsoil moisture; 0% very short, 2% short, 88% adequate and 10% surplus. Subsoil moisture; 0% very short, 1% short, 93% adequate and 6% surplus. Alfalfa condition; 1% very poor, 2% poor, 22% fair, 67% good, 8% excellent. Barley condition; 2% very poor, 9% poor, 36% fair, 42% good, 11% excellent. Corn condition; 1% very poor, 2% poor, 28% fair, 54% good, 15% excellent. Other hay condition; 2% very poor, 3% poor, 19% fair, 69% good, 7% excellent. Pasture and Range Condition; 0% very poor, 1% poor, 11% fair, 65% good, and 23% excellent. Soybean condition; 0% very poor, 0% poor, 20% fair, 61% good, 19% excellent. Wheat conditions; 1% very poor, 7% poor, 15% fair, 64% good, 13% excellent. Alfalfa 1st cutting; 76% this year, 94% last year, 83% five year average. Barley Headed; 94% this year, 100% last year, 100% five year average. Barley Coloring; 26% this year, 72% last year, 73% five year average. Cantaloupe Planted; 67% this year, 71% last year, 74% five year average. Corn Planted; 90% this year, 92% last year, 94% five year average. Corn Emerged; 78% this year, 84% last year, 84% five year average. Cucumbers Planted; 80% this year, 82% last year, 64% five year average. Lima Beans planted; 37% this year, 82% last year, 54% five year average.

Other hay 1st cutting; 45% this year, 78% last year, 75% five year average. Snap Beans planted; 66% this year, 66% last year, 61% five year average. Soybean planted; 40% this year, 55% last year, 48% five year average. Soybean emerged; 12% this year, 23% last year, 25% five year average. Strawberries Harvested; 32% this year, 26% last year, 54% five year average. Sweet Corn Planted; 79% this year, 66% last year, 70% five year average. Tomatoes Planted; 68% this year, 68% last year, 76% five year average. Watermelon Planted; 67% this year, 75% last year, 71% five year average. Winter Wheat Headed; 89% this year, 99% last year, 99% five year average. Winter Wheat Coloring; 11% this year, 14% last year, 32% five year average. Hay and Roughage Supplies; 0% very short, 20% short, 79% adequate and 1% surplus. Field activities for the week include cutting hay, planting, and applying fertilizer.

**MICHIGAN:** Days suitable for fieldwork 6.0. Topsoil moisture 1% very short, 10% short, 66% adequate, 23% surplus. Subsoil moisture 3% short, 77% adequate, 20% surplus. Winter wheat jointed 79%. Oats planted 91%, 93% last year, and 95% five-year average. Oats emerged 75%, 83% last year, and 88% five-year average. Oats headed 3%, 1% last year, and 8% five-year average. Oats condition 1% poor, 27% fair, 58% good, 14% excellent. Barley planted 71%, barley emerged 53%. Barley condition 2% very poor, 20% fair, 67% good, 11% excellent. Range and pasture condition 4% very poor, 10% poor, 29% fair, 45% good, 12% excellent. Alfalfa hay first cutting 13%, other hay first cutting 12%. Precipitation for the week ending June 1 ranged between 0.01 inch and 0.58 inch in the Upper Peninsula and between 0.00 inch and 1.07 inches in the Lower Peninsula. Temperatures ranged from 36 degrees to 91 degrees, with a state average of 65.2 degrees Fahrenheit. Although some fields were still too wet for tilling and planting, warm soil temperatures and dry conditions in most parts of the state resulted in significant planting progress, especially for corn and soybeans. Field activities for the week included planting, spraying, harvesting hay, and fertilizer and manure application. Corn, soybean and barley emergence was promoted by the warm conditions. Some winter wheat was cut for silage due to winter damage. Fruit trees, barley, and pastures are in good condition.

**MINNESOTA:** Days suitable for fieldwork 4.8. Topsoil moisture rated 0% very short, 3% short, 73% adequate, and 24% surplus. Subsoil moisture rated 0% very short, 4% short, 81% adequate, and 15% surplus. Alfalfa hay 1st cutting 6%, 2% 2013, 29% average. In spite of the planting progress made across Minnesota this week, crop development still remains behind the five year average. Sugarbeets were the only crop in Minnesota ahead of the five year average.

**MISSISSIPPI:** Days suitable for fieldwork 2.3. Topsoil moisture 0% very short, 5% short, 54% adequate, 41% surplus. Subsoil moisture 1% very short, 8% short, 63% adequate, 28% surplus. Winter wheat 99% headed this week, 98% last week, 100% 2013, 100% Avg. Winter wheat 3% harvested, 2% last week, 1% 2013, 30% Avg. Winter wheat condition was 0% very poor, 1% poor, 27% fair, 59% good, 13% excellent. Corn 98% emerged this week, 96% last week, 97% 2013, 99% Avg. Corn 2% silking this week, 0% last week, 0% 2013, 21% Avg. Corn condition was 0% very poor, 6% poor, 26% fair, 48% good, 20% excellent. Hay, first cutting, 61% cut this week, 52% last week, 61% 2013, 86% Avg. Peanuts 64% planted this week, 59% last week, 60% 2013, 80% Avg. Peanuts 51% emerged this week, 37% last week, 39% 2013, 50% Avg. Sorghum 80% planted this week, 72% last week, 53% 2013, 82% Avg. Sorghum 71% emerged this week, 55% last week, 31% 2013, 72% Avg. Sorghum condition was 0% very poor, 1% poor, 14% fair, 73% good, 12% excellent. Sweet potatoes 20% planted this week, 16% last week, 26% 2013, 32% Avg. Watermelon 82% planted this week, 77% last week, 73% 2013, 94% Avg. Watermelon condition was 0% very poor, 3% poor, 48% fair, 40% good, 9% excellent. Livestock condition was 0% very poor, 3% poor, 24% fair, 57% good, 16% excellent. Pasture and range condition was 1% very poor, 6% poor, 25% fair, 56% good, 12% excellent. Blueberries condition was 0% very poor, 1% poor, 28% fair, 66% good, 5% excellent. Much of the state received significant amounts of rainfall this week with over 4 inches recorded in the southern part of the state.

**MISSOURI:** Days suitable for fieldwork 5.1. Topsoil moisture 4% very short, 26% short, 67% adequate, 3% surplus. Subsoil moisture

10% very short, 34% short, 55% adequate, 1% surplus. Hay and roughage supplies 1% very short, 10% short, 81% adequate, 8% surplus. Stock water supplies 12% short, 86% adequate, 2% surplus. Temperatures averaged 6.4 degrees above normal. Rain averaged 0.67 inches statewide.

**MONTANA:** Days suitable for field work 5.7, 2.2 last year. Topsoil moisture 4% very short, 3% last year; 13% short, 6% last year; 69% adequate, 59% last year; 14% surplus, 32% last year. Subsoil moisture 2% very short, 8% last year; 14% short, 21% last year; 75% adequate, 60% last year; 9% surplus, 11% last year. Canola 92% planted, 99% last year. Canola 65% emerged, 68% last year. Corn 88% planted, 87% last year. Corn 67% emerged, 63% last year. Dry beans 82% planted, 81% last year. Dry beans 45% emerged, 27% last year. Dry peas 97% planted, 100% last year. Dry peas 81% emerged, 58% last year. Dry peas condition 1% very poor, 1% poor, 27% fair, 62% good, 9% excellent. Flaxseed 91% planted, 91% last year. Flaxseed 50% emerged, 35% last year. Lentils 97% planted, 100% last year. Lentils 51% emerged, 51% last year. Oats 86% planted, 90% last year. Oats 61% emerged, 59% last year. Potatoes 55% planted, 75% last year. Potatoes 26% emerged, 36% last year. Durum wheat 86% planted, 84% last year. Durum wheat 40% emerged, 23% last year. Sugarbeets 95% emerged, 78% last year. Livestock grazing 74% open, 92% last year; 11% difficult, 4% last year; 15% closed, 4% last year. Livestock receiving supplemental feed – cattle & calves 15%. Livestock receiving supplemental feed – sheep & lambs 15%. Livestock birthing – calving completed 96%, 100% last year. Livestock birthing – lambing completed 92%, 95% last year. Livestock moved to summer ranges – cattle and calves 80%, 76% last year. Livestock moved to summer ranges – sheep and lambs 81%, 74% last year. Much of Montana saw warm days and nights with scattered storms during the week ending June 1. All reporting stations reported receiving precipitation this week but it was quite heavy in some locations. Plentywood received the highest amount of precipitation at 4.64 inches of moisture. The high temperatures for Montana ranged from the lower 70s to lower 90s. Low temperatures ranged from the lower 20s to the upper 40s.

**NEBRASKA:** Days suitable for fieldwork 5.6. Topsoil moisture supplies rated 8% percent very short, 24% short, 65% adequate, and 3% surplus. Subsoil moisture supplies rated 16% very short, 31% short, 52% adequate, and 1% surplus. Hay alfalfa rated 1% very poor, 8% poor, 39% fair, 45% good and 7% excellent. Hay alfalfa 1st cutting, 33%, 2013 8%, 38% five year average. Dry Beans planted, 16%, 2013 22%, 31% five year average. Soybeans rated 0% very poor, 2% poor, 23% fair, 67% good, 8% excellent. Stock water supplies rated 5% very short, 12% short, 82% adequate, and 1% surplus. For the week ending June 1, 2014, precipitation of an inch or more was common across much of the state, however central counties received lesser amounts. This continued lack of significant rain in central areas has resulted in much of the area being added to the severe to extreme drought categories. Temperatures averaged 6 to 9 degrees above normal. Alfalfa was being cut for the first time with dry bean planting underway in western counties.

**NEVADA:** Days suitable for fieldwork 7. Topsoil Moisture 20% Very Short, 35% Short, 45% Adequate. Subsoil moisture 35% Very Short, 40% Short, 25% Adequate. Subsoil moisture and stock water supply declined due to a lack of precipitation. Range conditions improved slightly as a result of warmer weather. Some farmers in the west and northwest regions of the State were delaying the first hay cutting. Recent rains provided forage for ranchers in Humboldt County. Cheat grass matured at a rapid rate. Corn was planted, spring wheat emerged and winter wheat was headed. Temperatures were above normal for the entire State with temperatures in Las Vegas, Ely, and Tonopah greater than 5 degrees above average. Las Vegas had a high of 105 degrees and Ely and Eureka had lows of 31 degrees. Ely and Eureka were the only stations that reported overnight lows below freezing. The Las Vegas weather station reported the largest departure from normal with average temperature 8 degrees above normal. No station reported even trace amounts of precipitation with the only rainfall coming on the northern border. Temperatures peaked on Monday and Tuesday before dropping to levels at or below normal on Thursday and rising again over the weekend.

**NEW ENGLAND:** Days suitable for fieldwork, 5.0. Topsoil moisture; 0% very short, 3% short, 49% adequate and 48% surplus. Subsoil moisture; 0% very short, 2% short, 58% adequate, 40% surplus. Blueberries, wild progress (ME); 85% green tip, 77% pink, 28% full bloom. Blueberries, tame progress; 98% green tip, 95% pink, 88% full bloom, 30% petal fall. Cranberries progress (MA); 80% pink. Strawberries progress; 100% green tip, 98% pink, 76% full bloom, 56% petal fall, 29% fruit set. Corn all progress; 68% planted, 31% emerged. Potatoes all progress; 10% planted, 2% emerged. Apples all progress; 98% green tip, 98% pink, 94% full bloom, 70% petal fall. Peaches all progress; 97% green tip, 97% pink, 97% full bloom, 86% petal fall. Pears all progress; 93% green tip, 93% pink, 71% full bloom, 58% petal fall. Pasture and range; 0% very poor, 1% poor, 25% fair, 59% good, 15% excellent. Sweet corn all progress; 65% planted. CT Valley binder tobacco; 19% planted. CT Valley shade tobacco 75%.

**NEW JERSEY:** Days suitable for fieldwork, 6.5. Topsoil moisture; 0% very short, 9% short, 76% adequate and 15% surplus. Subsoil moisture; 0% very short, 3% short, 84% adequate and 13% surplus. Apples all progress; 90% pink, 80% full bloom. Corn all planted; 85% planted, 71% emerged. Hay Alfalfa conditions; 1% very poor, 8% poor, 40% fair, 42% good, 9% excellent. Other Hay conditions; 1% very poor, 3% poor, 37% fair, 44% good, 15% excellent. Pasture and range conditions are; 4% very poor, 5% poor, 26% fair, 36% good, and 29% excellent. Peaches all progress; 92% pink, 89% full bloom. Winter Wheat conditions; 1% very poor, 4% poor, 27% fair, 62% good, 6% excellent. The following crops are being harvested asparagus, arugula, beets, cilantro, collards, dandelion, dill, escarole endive green onions, dale, fenugreek, kohlrabi, lettuce, leeks, mint, parsley, radishes, spinach, Swiss chard and strawberries. Ambrosia beetle attacks on trees widespread from this tiny invasive new pest.

**NEW MEXICO:** Days suitable for fieldwork 6.2. Topsoil moisture 44% very short, 22% short and 34% adequate. Subsoil moisture 43% very short, 22% short and 35% adequate. Alfalfa first cutting 74% complete, 63% 2013, 86% avg; 1% very poor, 3% poor, 36% fair, 46% good and 14% excellent. Corn 75% planted, 73% 2013, 87% avg; emerged 38%, 28% 2013, 48% avg. Sorghum 25% planted, 8% 2013, 31% avg. Winter wheat 76% headed, 62% 2013, 91% avg; 43% very poor, 21% poor, 14% fair, 9% good and 13% excellent. Cotton 92% planted, 81% 2013, 91% avg. Peanuts 45% planted, 42% 2013, 56% avg; 5% very poor, 36% poor, 54% fair and 5% good. Lettuce 98% harvested, 81% 2013, 91% avg; 19% fair, 41% good and 40% excellent. Chile 100% planted, 95% 2013, 98% avg; 2% very poor, 4% poor, 42% fair, 47% good and 5% excellent. Pecans 24% fair, 39% good and 37% excellent. Cattle 3% very poor, 20% poor, 50% fair, 26% good and 1% excellent. Sheep 19% very poor, 25% poor, 46% fair and 10% good. Range and pasture 26% very poor, 42% poor, 24% fair and 8% good. Temperatures were near normal across the state. Hot temperatures were reported on Sunday in the southern deserts. Carlsbad reported a high of 107 degrees, while Roswell and Alamogordo reported highs of 101 degrees.

**NEW YORK:** Days suitable for fieldwork, 6.0. Topsoil moisture, 0% very short, 4% short, 62% adequate, and 34% surplus. Subsoil moisture, 0% very short, 2% short, 73% adequate, 25% surplus. Spring tillage complete, 80% this week and 68% the previous week. Barley planted, 72% this week and 59% previous week. Barley emerged, 43% this week and 25% last week. Cabbage planted, 33% this week and 12% previous week. Corn planted, 58% this week, 37% previous week, 85% last year and 81% average. Corn emerged, 31% this week and 14% last week. Hay alfalfa first cutting, 25% this week. Hay other than alfalfa first cutting, 31% this week. Oats planted, 86% this week, 72% previous week, 100% last year and 93% average. Oats emerged, 54% this week and 38% previous week. Onions planted, 60% this week, 53% previous week, 100% last year and 97% average. Potatoes planted, 46% this week, 37% previous week, 79% last year and 80% average. Snap beans planted, 38% this week, 32% previous week, 24% last year and 23% average. Soybeans planted, 31% this week, 18% previous week, 54% last year and 51% average. Sweet corn planted, 60% this week, 48% previous week, 57% last year and 57% average. Winter wheat jointed, 77% this week and 71% previous week. Winter wheat booted, 26% this week and % last

week. Apples green tip, 95% this week, 92% previous week, 100% last year and 100% average. Apples pink, 84% this week, 80% previous week, 100% last year and 100% average. Apples full bloom, 37% this week, 100% last year and 100% average. Peaches green tip, 95% this week, 90% previous week, 100% last year and 100% average. Peaches pink, 80% this week, 75% previous week, 100% last year and 100% average. Peaches full bloom, 21% this week, 99% last year and 99% average. Pears pink, 90% this week, 80% previous week, 100% last year and 100% average. Pears full bloom, 38% this week, 99% last year and 100% average. Sweet cherries green tip or earlier, 98% this week, 88% previous week, 100% last year, and 100% average. Sweet cherries half inch green to pink, 78% this week, 70% previous week, 100% last year, and 100% average. Sweet cherries full bloom, 42% this week, 99% last year, and 100% average. Tart cherries green tip, 98% this week, 88% previous week, 100% last year and 100% average. Tart cherries half inch green to pink, 78% this week, 70% last week, 100% last year and 100% average. Tart cherries full bloom, 42% this week, 99% last year and 100% average. Barley condition, 0% very poor, 0% poor, 2% fair, 65% good, 33% excellent. Corn condition, 0% very poor, 2% poor, 45% fair, 30% good, 23% excellent. Grapes condition, 7% very poor, 16% poor, 44% fair, 27% good, 6% excellent. Hay alfalfa condition, 2% very poor, 4% poor, 34% fair, 52% good, 8% excellent. Hay other than alfalfa condition, 2% very poor, 6% poor, 34% fair, 49% good, 8% excellent. Oat condition, 0% very poor, 2% poor, 25% fair, 47% good, 26% excellent. Pasture and range condition, 4% very poor, 9% poor, 36% fair, 41% good, 10% excellent. Winter wheat condition, 1% very poor, 8% poor, 33% fair, 48% good, 10% excellent. Field activities for the week include hauling and spreading manure, applying fertilizer, plowing and planting of fields, spraying of trees, and fixing machinery.

**NORTH CAROLINA:** Days suitable for field work 6.3. Topsoil moisture 3% very short, 31% short, 59% adequate and 7% surplus. Subsoil moisture 2% very short, 19% short, 71% adequate and 8% surplus. Flue-cured tobacco was rated 98% planted, burley rated at 69% planted, cotton rated at 96%, peanuts at 93%, soybeans at 57% and sweet potatoes at 34% planted. Corn emerged is rated at 95% and soybean emerged is rated at 44%. The first cutting of hat is 78% complete. Overall crop conditions fall within the fair to good ratings as of this week. However, poor conditions did increase in some areas due to lack of rainfall and several commodities experienced increased excellent ratings. Most of the state experienced above normal temperatures with some areas reaching into the 90s. Areas in the west and southeastern part of the state received rainfall this week with the heaviest amounts recorded in the west.

**NORTH DAKOTA:** Days suitable for fieldwork 5.1. Topsoil moisture 0% very short, 3% short, 69% adequate, 28% surplus. Subsoil moisture 0% very short, 2% short, 76% adequate, 22% surplus. Winter wheat conditions 5% very poor, 16% poor, 39% fair, 38% good, 2% excellent. Winter wheat jointed 46%. Durum wheat planted 62%, 54% 2013, 69% average. Durum wheat emerged 29%, 28% 2013, 49% average. Canola planted 77%, 49% 2013, 72% average. Canola emerged 39%, 17% 2013, 46% average. Flaxseed planted 45%, 28% 2013, 58% average. Flaxseed emerged 17%, 7% 2013, 28% average. Dry edible peas planted 86%, 84% 2013, 83% average. Dry edible peas emerged 51%, 31% 2013, 62% average. Dry beans planted 61%, 20% 2013, 47% average. Dry beans emerged 13%, 0% 2013, 15% average. Potatoes planted 61%, 37% 2013, 68% average. Potatoes emerged 12%, 4% 2013, 24% average. Stock water supplies 0% very short, 1% short, 79% adequate, and 20% surplus. Drier conditions and hot temperatures the first half of last week allowed significant fieldwork to be performed over much of the state. However, varying amounts of rainfall were received across the state later in the week, halting most fieldwork activities. Temperatures for the week averaged at least 8 to 10 degrees above normal over almost all of the state. More cattle were moved to pastures as the recent moisture and hot temperatures allowed grass to grow rapidly.

**OHIO:** Days suitable for fieldwork 5.4. Topsoil moisture 7% short, 66% adequate, 27% surplus. Subsoil moisture 3% short, 69% adequate, 28% surplus. Winter wheat jointing 98%, NA 2013, NA

avg. Alfalfa hay first cutting 40%, NA 2013, NA avg. Other hay first cutting 33%, NA 2013, NA avg. Precipitation in areas around the state for the week ranged between 0 inches and 2.42 inches, with a state average of 0.48 inches. Average temperatures in areas around the State ranged from 65 degrees to 75 degrees, with a state average of 70.1 degrees Fahrenheit. Corn and soybean planting progress leapt forward under near ideal conditions last week. Oat planting is nearly finished. Both oats as well as corn are now ahead of the 5-year average planted, while soybeans are still slightly behind. Some early planted corn will need to be replanted due to drown out, though this is not a widespread issue. Oats emerged is ahead of the 5-year average as well. While both corn and soybeans saw rapid emergence due to warm conditions, both are still behind the 5-year average. Warm, sunny weather also helped farmers bale a significant amount of Hay. Winter wheat progress is behind the 5-year average and the previous year, but is in good condition. Processing tomatoes and other field vegetable crops progressed on or ahead of schedule.

**OKLAHOMA:** Days suitable for fieldwork 5.0. Topsoil moisture 36% very short, 32% short, 31% adequate, 1% surplus. Subsoil moisture 49% very short, 35% short, 15% adequate, 1% surplus. Rye condition 24% very poor, 19% poor, 48% fair, 9% good; jointing 68% this week, 67% last week, 100% last year, 100% average; headed 68% this week, 66% last week, 100% last year, 100% average. Oats condition 28% very poor, 27% poor, 25% fair, 16% good, 4% excellent; jointing 78% this week, 75% last week, 97% last year, 97% average. Canola condition 57% very poor, 26% poor, 12% fair, 5% good; blooming 99% this week, 98% last week, 100% last year, 100% average; coloring 90% this week, 76% last week, 100% last year, 100% average. Winter wheat harvested 6% this week, N/A last week, 0% last year, 20% average. Corn seedbed prepared 100% this week, 99% last week, 97% last year, 99% average. Sorghum seedbed prepared 95% this week, 93% last week, 75% last year, 86% average. Soybean seedbed prepared 89% this week, 86% last week, 67% last year, 81% average. Peanut seedbed prepared 88% this week, 87% last week, 100% last year, 100% average. Cotton seedbed prepared 97% this week, 96% last week, 92% last year, 97% average. Alfalfa hay conditions 17% very poor, 27% poor, 33% fair, 19% good, 4% excellent. Alfalfa first cutting 67% this week, 51% last week, 67% last year, 85% average. Other hay conditions 26% very poor, 23% poor, 35% fair, 15% good, 1% excellent. Other Hay first cutting 39% this week, 31% last week, 29% last year, 44% average. Watermelons planted 58% this week, 56% last week, 90% last year, 92% average. Livestock condition 2% very poor, 8% poor, 42% fair, 43% good, 5% excellent. Pasture and range condition 19% very poor, 24% poor, 33% fair, 22% good, 2% excellent. Warm weather continued and all nine districts received measurable rainfall last week. Precipitation ranged from 0.70 on an inch in the Southeast District to 1.37 inches in the Southeast District. Producers in the Panhandle and Southwest Oklahoma also reported good rains over the weekend, unfortunately too late to revive the winter wheat crops and too little for much improvement to subsoil moisture. Hay production in Central and South Central Oklahoma was slightly behind normal but was increasing slowly. Temperatures ranged from 48 degrees at Kenton on Tuesday, May 27th, to 98 degrees at Hooker on Sunday, June 1st. There were 5.0 days suitable for field work.

**OREGON:** Days suitable for field work 6.7 days. Topsoil Moisture 7% Very Short, 32% Short, 57% Adequate, 4% Surplus. Subsoil Moisture 7% Very Short, 36% Short, 56% Adequate, 1% Surplus. Range and Pasture 2% Very Poor, 21% Poor, 34% Fair, 41% Good, 2% Excellent. Winter Wheat Condition 5% Very Poor, 10% Poor, 39% Fair, 37% Good, 9% Excellent. Spring Wheat Condition 3% Very Poor, 4% Poor, 34% Fair, 56% Good, 3% Excellent. Barley Condition 3% Very Poor, 3% Poor, 47% Fair, 45% Good, 2% Excellent. Winter Wheat Headed 79%, 52% 2013, 54% avg. Hay 1st cutting 36%, 57% 2013, 44% avg. Excellent Growth for Crops in Oregon Days suitable for fieldwork were 6.7. Pasture and range conditions were reported to be 2% very poor, 21% poor, 34% fair, 41% good, and 2% excellent. In western Oregon field corn for silage was up and growing rapidly. Producers were cutting red clover for silage. Pollination was beginning on some grass seed fields. Grass hay and alfalfa were being cut, baled and taken off of fields. There was good growth on all

crops. Septoria showed up in a lot of wheat fields. Strawberry and blueberry crops looked good. Strawberries were being picked and blueberries were almost ready. There was excellent weather for all vegetable crops. Farmer's markets were selling asparagus and radishes. Sweet corn was growing well. Nursery plants were growing well. There was culling of some evergreen trees. Greenhouses were nearly sold out. Buffalo and cattle were doing well. Non-irrigated pastures are browning up in some areas. In eastern Oregon wheat was beginning to feel the stress of a drought. Corn and potatoes were emerging. First cutting hay was being cut, dried, and baled. The hand thinning of summer pears and other routine orchard operations continued.

**PENNSYLVANIA:** Days suitable for fieldwork, 5.0. Topsoil moisture, 0% very short, 1% short, 89% adequate, and 10% surplus. Subsoil moisture, 0% very short, 0% short, 84% adequate, 16% surplus. Spring tillage, 76% this week, 69% last week, n/a% last year, n/a% average. Corn planted, 80% this week, 63% last week, 92% last year, 86% average. Corn emerged, 54% this week, 40% last week, 58% last year, 59% average. Barley headed, 93% this week, 90% last week, 93% last year, 97% average. Barley coloring, 56% this week, 48% last week, 15% last year, 53% average. Oats planted, 98% this week, 93% last week, 99% last year, 98% average. Oats emerged, 92% this week, 81% last week, 99% last year, 92% average. Potatoes planted, 67% this week, 66% last week, 96% last year, 91% average. Soybeans planted, 61% this week, 32% last week, 73% last year, 64% average. Soybeans emerged, 27% this week, 10% last week, 43% last year, 37% average. Tobacco beds having plants up, 93% this week, 87% last week, n/a last year, n/a average. Tobacco transplanted or set, 20% this week, 7% last week, 60% last year, 67% average. Winter wheat headed, 71% this week, 37% last week, 91% last year, 93% average. Hay alfalfa first cutting, 44% this week, 22% last week, 57% last year, 59% average. Hay other than alfalfa first cutting, 20% this week, 9% last week, 34% last year, 36% average. Corn condition, 0% very poor, 0% poor, 13% fair, 82% good, 5% excellent. Hay Alfalfa condition, 0% very poor, 1% poor, 28% fair, 57% good, 14% excellent. Hay Other condition, 0% very poor, 2% poor, 28% fair, 57% good, 13% excellent. Oats condition, 0% very poor, 0% poor, 18% fair, 65% good, 17% excellent. Quality of Hay Made, 0% very poor, 1% poor, 2% fair, 38% good, 59% excellent. Pasture condition, 4% very poor, 7% poor, 26% fair, 40% good, 23% excellent. Winter Wheat condition, 0% very poor, 7% poor, 26% fair, 54% good, 13% excellent. Field activities for the week included plowing fields, planting crops, repairing equipment, spreading fertilizers, spraying fruit trees and cutting forage crops.

**SOUTH CAROLINA:** Days suitable for fieldwork 5.8. Topsoil Moisture 3% very short, 20% short, 70% adequate, 7% surplus. Subsoil Moisture 0% very short, 23% short, 70% adequate, 7% surplus. Winter Wheat condition 1% very poor, 3% poor, 16% fair, 59% good, 21% excellent. Pasture and Range condition 0% very poor, 5% poor, 40% fair, 53% good, 2% excellent. Rye condition 0% very poor, 1% poor, 23% fair, 76% good, 0% excellent. Oats condition 0% very poor, 0% poor, 16% fair, 68% good, 16% excellent. Peaches condition 8% very poor, 10% poor, 52% fair, 25% good, 5% excellent. Livestock condition 0% very poor, 1% poor, 20% fair, 71% good, 8% excellent. Cucumbers conditions 0% very poor, 0% poor, 16% fair, 84% good, 0% excellent. Tomatoes condition 0% very poor, 0% poor, 37% fair, 53% good, 10% excellent. Watermelons conditions 0% very poor, 5% poor, 20% fair, 72% good, 3% excellent. Cantaloupes conditions 0% very poor, 3% poor, 50% fair, 47% good, 0% excellent. Snap beans conditions 0% very poor, 0% poor, 20% fair, 80% good, 0% excellent. Tobacco condition 0% very poor, 0% poor, 40% fair, 55% good, 5% excellent. Corn condition 0% very poor, 1% poor, 24% fair, 69% good, 6% excellent. Corn planted 99%, 100% 2013. Corn Emerged 98%, 100% 2013. Cotton planted 95%, 76% 2013. Winter Wheat headed, 98%, 100% 2013. Winter Wheat coloring 93%, 89% 2013. Winter wheat mature 66%, 37% 2013. Winter Wheat harvested 3%, 4% 2013 Rye headed 95%, 100% 2013. Rye coloring 94%, 74% 2013. Rye mature 66%, 30% 2013. Rye harvested 10%, 6% 2013. Oats headed 98%, 100% 2013. Oats coloring 95%, 91% 2013. Oats mature 81%, 47% 2013. Oats harvested 23%, 12% 2013. Cantaloupes planted 87%, 99% 2013. Cucumbers planted 71%, 93% 2013. Snap beans planted 48%,

94% 2013. Watermelons planted 79%, 99% 2013. Tomatoes planted 67%, 100% 2013. Peanuts planted 97%, 86% 2013. Soybeans planted 53%, 55% 2013. Soybeans emerged 39%, 35% 2013. Tobacco transplanted 53%, 100% 2013. The state average temperature for the seven-day period was three degrees above the long-term average. The state average rainfall for the seven-day period was 1.2 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 5.1. Topsoil moisture 0% very short, 9% short, 81% adequate, 10% surplus. Subsoil moisture 1% very short, 11% short, 82% adequate, 6% surplus. Winter wheat conditions 0% very poor, 5% poor, 35% fair, 57% good, 3% excellent. Winter wheat 43% jointed. Spring wheat other than Durum conditions 0% very poor, 0% poor, 22% fair, 66% good, 12% excellent. Spring wheat jointed 13%, headed 5%. Sorghum emerged 6%, 7% 2013 and 12% average. Stock water supplies 1% very short, 7% short, 86% adequate, 6% surplus. Good rainfall and above normal temperatures dominated the weather pattern across most areas of the state. Activities included mending fences, moving cattle to pasture, and applying chemicals on planted fields.

**TENNESSEE:** Days suitable 4.7. Topsoil moisture 1% very short, 16% short, 74% adequate, 9% surplus. Subsoil moisture 1% very short, 12% short, 79% adequate, 8% surplus. Scattered showers across the state caused delays in cotton and soybean planting. Some wheat head scab was reported. Other farm activities included crop spraying, cutting hay, and setting tobacco. Pastures were in mostly good condition.

**TEXAS:** Days suitable for fieldwork 4.9. Topsoil moisture 22% very short, 31% short, 39% adequate, 8% surplus. Subsoil moisture 26% very short, 36% short, 33% adequate, 5% surplus. Corn planted 100%, 97% 2013, 97% avg.; Corn emerged 100%, 89% 2013, 89% avg.; Corn silked 31%, 34% 2013, 37% avg. Cotton planted 62%, 74% 2013, 75% avg.; Cotton squaring 7%, 6% 2013, 9% avg. Peanuts planted 83%, 83% 2013, 89% avg. Rice planted 99%, 100% 2013, 99% avg.; Rice emerged 99%, 94% 2013, 92% avg. Sorghum planted 85%, 81% 2013, 81% avg.; Sorghum headed 34%, 31% 2013, 37% avg. Soybeans planted 91%, 90% 2013, 93% avg.; Soybeans emerged 73%, 73% 2013, 88% avg. Sunflowers planted 89%, 71% 2013, 58% avg. Winter Wheat headed 98%, 89% 2013, 97% avg.; Winter Wheat harvested 16%, 17% 2013, 19% avg. Oats headed 100%, 92% 2013, 98% avg.; Oats harvested 44%, 23% 2013, 49% avg. Corn condition 0% very poor, 5% poor, 48% fair, 38% good and 9% excellent. Rice condition 1% very poor, 4% poor, 43% fair, 47% good and 5% excellent. Winter Wheat condition 33% very poor, 31% poor, 22% fair, 12% good and 2% excellent. Oat condition 12% very poor, 21% poor, 37% fair, 25% good and 5% excellent. Range and pasture condition 11% very poor, 18% poor, 35% fair, 28% good and 8% excellent. All areas of the state received measurable rainfall with the exception of some areas in the Trans-Pecos. Areas of the Upper Coast, South East Texas and the Edwards Plateau reported rainfall totals from three inches up to seven inches or more. The High and Low Plains received from a half inch up to 1.5 inches with isolated reports upwards of three inches. Most of the rest of the state received from a quarter inch to an inch for the week. Winter wheat harvest was underway in areas of the Northern High Plains. Wet conditions in the Blacklands delayed small grain harvest. Harvest of winter wheat continued in North East Texas, aided by warm weather. Wheat harvest was underway in areas of the Southern Low Plains. Corn and cotton planting continued in many areas of the state. Corn continued to tassel and sorghum began to head out in South Central Texas. In the Northern Low Plains, recent rainfall aided cotton planting activities. Cotton was sprayed for flea hoppers in the Upper Coast. Sunflowers were being sprayed for head moths in the Coastal Bend. In the Blacklands, soybeans had emerged and appeared to be in good condition. Peanut planting progressed in the Upper Coast. In areas of the Blacklands, some blueberries began to ripen early. In South Texas, field conditions continued to improve, allowing cabbage to be harvested. In the Trans-Pecos, fall onion harvest was complete and pecans continued to mature. In the Lower Valley, harvest of citrus was beginning to wrap up and harvest of melons continued. Cattle continued to graze on wheat fields in some areas of the state.

In many areas, grasses were greening up and producers were able to cut hay. Weeds were becoming a major problem in the Edwards Plateau from recent rainfall. Horn flies continued to be seen on cattle throughout the state. Brush areas and rangeland were at risk for wildfires in South Texas.

**UTAH:** Days suitable for field work 7.0. Topsoil moisture 6% very short, 45% short, 48% adequate, 1% surplus. Subsoil Moisture 6% very short, 45% short, 48% adequate, 1% surplus. Corn planted 96%, 95% 2013, 88% 5-yr avg; emerged 76%, 80% 2013, 65% 5-yr avg. Winter wheat headed 32%, 37% 2013, 33% 5-yr avg; condition 10% poor, 25% fair, 48% good, 17% excellent. Barley emerged 97% 98% 2013, 91% 5-yr avg; condition 9% fair, 70% good, 21% excellent. Oats planted 98%, 96% 2013, 96% 5-yr avg; emerged 82%, 86% 2013, 81% 5-yr avg; headed 3%, 2% 2013, 3% 5-yr avg. Spring wheat emerged 96%, 98% 2013, 97% 5-yr avg; condition 18% fair, 63% good, 19% excellent. Alfalfa hay first cutting 22%, 18% 2013, 17% 5-yr avg. Other hay first cutting 11%, 11% 2013, 7% 5-yr avg. Apples full bloom 91%, 99% 2013, 94 5-yr avg. Peaches full bloom 95%, 100% 2013, 100% 5-yr avg. Sweet Cherries full bloom 98%, 95% 2013, 98% 5- yr avg. Tart cherries full bloom 100%, 99% 2013, 96% 5-yr avg. Cattle and calves condition 2% poor, 21% fair, 65% good, 12% excellent. Sheep and lambs moved to pasture 88%, 64% 2013, 89% 5-yr avg. Sheep and lamb condition 16% fair, 77% good, 7% excellent. Sheep and lambs farm flocks shorn 96%, 96% 2013, 98% 5-yr avg. Sheep and lambs range flocks shorn 97%, 94% 2013, 96% 5- yr avg. Sheep and lambs range flocks lambled 96%, 96% 2013, 95% 5 – yr avg. Stock water supplies 4% very short, 24% short, 71% adequate, 1% surplus. In Beaver County, growers are starting to cut first crop alfalfa. Crops and livestock all look good. Farmers in Box Elder County have been busy swathing first crop hay and irrigating small grains and onions. Most of the corn is up with some of the stands four inches or more in height. Onions are being irrigated for the first time with most fields looking good. Dryland and irrigated winter wheat is doing well and mostly headed out and in the flower stage. Cows and calves are mostly on spring pastures. Many producers will be moving to summer pasture later this month. Crops are looking good in Cache County. Alfalfa hay is being cut, small grains are being irrigated and most of the corn has emerged. Alfalfa weevils are becoming quite numerous in most alfalfa fields. Some growers are spraying insecticides while others have chosen to cut their hay now. We are also seeing an increasing population of cereal leaf beetle, mainly in irrigated barley fields. There remains a general feeling of optimism as growers consider the blessing of adequate irrigation water and near ideal growing conditions. Most livestock owners have their animals out on grass now. Most pastures and rangelands look good, with an abundance of green grass. Calves and lambs are all in good condition. Pasture and Range conditions in Garfield County are rapidly deteriorating. Irrigation diversion levels are well below average. The only correction to this condition is precipitation and it rarely comes in June. Flood irrigation on meadows in Rich County is under way and has been going for about 3 weeks now. Most pivots and wheel lines have been started. Forage on the range is doing well but wind the last week is drying it out. Ranchers are hoping for a good soaking rain. Farmers in Summit County have been spraying farm land for weeds. Spring planting is finishing up in the higher regions of the County. Farmers in all areas of the County are busy irrigating small grains, alfalfa and pasture land. Cattle and sheep look good and are getting ready to be moved to summer ranges. In Uintah County the Bureau of Reclamation is planning to release more water from Flaming Gorge starting today for endangered fish. Combined with flows of the Yampa River, this will cause flooding in the Jensen area. The flooding is planned to last for about four weeks. This may impact irrigators who pump from the Green River if water rises to the level that pumping plants or irrigation systems are threatened. Because of the constant south winds in Washington County everything has dried out quickly. In Weber County there has been good drying weather for first crop alfalfa harvest.

**VIRGINIA:** Days suitable for fieldwork 5.0. Topsoil moisture 1% very short, 14% short, 68% adequate, 17% surplus. Subsoil moisture 1% very short, 11% short, 73% adequate, 15% surplus. Cotton 99% good, 1% excellent. Cotton planted 89%, 97% 2013, 98% 5 yr-avg.

Peanuts 89% good, 11% excellent. Peanuts planted 88%, 95% 2013, 93% 5-yr avg. Corn 2% poor, 29% fair, 55% good, 14% excellent. Corn planted 92%, 95% 2013, 95% 5-yr avg. Corn emerged 85%, 85% 2013, 86% 5-yr avg. Soybeans planted 39%, 47% 2013, 44% 5-yr avg. Winter wheat 2% poor, 15% fair, 73% good, 10% excellent. Winter wheat headed 97%, 99% 2013, 100% 5-yr avg. Barley 4% very poor, 4% poor, 25% fair, 63% good, 4% excellent. Barley harvested 31%. Oats 1% very poor, 2% poor, 32% fair, 58% good, 7% excellent. Oats harvested 14%, 12% 2013. Summer potatoes 98% good, 2% excellent. Greenhouse tobacco 1% very poor, 1% poor, 30% fair, 57% good, 11% excellent. Tobacco plantbeds 30% fair, 69% good, 1% excellent. Flue-cured tobacco 43% fair, 34% good, 23% excellent. Flue-cured tobacco transplanted 92%, 92% 2013, 95% 5-yr avg. Fire-cured tobacco 1% poor, 4% fair, 89% good, 6% excellent. Fire-cured transplanted 81%, 82% 2013, 86% 5-yr avg. Burley tobacco 67% fair, 31% good, 2% excellent. Burley tobacco transplanted 68%, 37% 2013, 62% 5-yr avg. Livestock 1% very poor, 3% poor, 25% fair, 63% good, 8% excellent. Pasture 2% very poor, 8% poor, 36% fair, 48% good, 6% excellent. Alfalfa hay 4% poor, 46% fair, 45% good, 5% excellent. Other hay 1% very poor, 7% poor, 41% fair, 48% good, 3 excellent. All apples 1% very poor, 1% poor, 46% fair, 52% good. Grapes 9% poor, 31% fair, 54% good, 6% excellent. It was a good week for fieldwork in the Old Dominion. Overall, temperatures were about 2 to 5 degrees warmer than normal for this time of year; however, there were a few days where temperatures were unseasonably cool. Rainfall varied by location, most of Virginia experienced 0.17 of an inch to over 1.5 inches of precipitation. A few places experienced flooding with some minor damage to low lying crops. Days suitable for fieldwork were 5.0. The hay harvest was well underway. The majority of hay was in fair to good condition; a cold and wet spring contributed to the poorer quality. Corn plantings neared completion. Due to the cold and wet spring, corn was replanted throughout parts of the State. Most of Virginia's full season soybeans were planted. Growers were planting late season beans behind the harvested small grains. Other farming activities for the week included applying fertilizer, spraying herbicides, transplanting tobacco, managing U-Pick strawberry operations, and preparing for Farmers Markets.

**WASHINGTON:** Days suitable for fieldwork 6.7. Topsoil Moisture 8% Very Short, 43% Short, 47% Adequate and 2% Surplus. Subsoil Moisture 10% Very Short, 34% Short, 53% Adequate and 3% Surplus. Range and Pasture Conditions were 2% very poor, 6% poor, 46% fair, 38% good, and 8% excellent. Winter Wheat Condition 5% Very Poor, 18% Poor, 40% Fair, 35% Good, 2% Excellent. Spring Wheat Condition 3% Very Poor, 11% Poor, 45% Fair, 40% Good, and 1% Excellent. Barley Condition 2% Very Poor, 1% Poor, 1% Fair, 1% Good, and 4% Excellent. Corn Condition 0% Very Poor, 0% Poor, 63% Fair, 21% good, 16% Potato Condition 0% Very Poor, 2% Poor, 29% Fair, 66% Good, and 3% Excellent. Dry beans Condition 0% very Poor, 0% poor, 23% fair, 77% Good, and 0% Excellent. Winter Wheat Headed 54%, 33% PW, 54% PY, 38% 5YA. Spring Wheat Headed 8%, -1% PW, and 5% PY, and 2% 5YA. Barley Headed 7%, -1% PW, and 1% PY, and 1% 5YA. Potatoes Emerged 95%, 60% PW, 94% PY, and 82% 5YA. Corn Planted 93%, 90% PW, 96% PY, and 90% 5YA. Corn Emerged 75%, 60% PW, 82% PY, and 70% 5YA. Dry Beans Planted 97%, 88% PW, 97% PY, and 95% 5YA. Dry Beans Emerged 86%, 68% PW, 51% PY 16% 5YA. Alfalfa 1st Cutting 55%, 35% PW, 48% PY, and 48% 5YA. The Palouse Region Welcomed Scattered Showers in Eastern Washington. Days suitable for fieldwork were 6.7. Pasture and Rang Conditions were 2% very poor, 6% poor, 46% fair, 38% good, and 8% excellent. In Grant County heavy rainfall were received the evening of May 28th helping the moisture profile for dryland wheat farms. That same storm also caused some quality issues with first cutting of alfalfa. Dry corn, sweet corn, and dry edible bean plantings neared completion. In Whitman County mild weather for much of the week allowed crops to remain in decent condition for a few more days. Lack of moisture was starting to damage some crops. Scattered thunderstorms came through the area in the middle of the week, depositing much needed moisture in isolated areas. Yakima Valley experienced no precipitation events during the past week. Daytime high temperatures remained in lower 70s to mid 80s over the weekend. Asparagus, lettuce, radishes, green onions and rhubarb harvest continued. Corn was approximately 4 to 8 inches tall. Blossoms were appearing on squash and melons on black plastic and drip irrigation. Sweet cherries color was developing nicely

with some light crop sets that will likely translate into good-sized cherries for harvest. Various bird-control devices were deployed and some early color-picked cherries were showing up on roadside stands. Apricots also developed nicely in size and color. Hops were about a third of the way up the trellises and looking good. No crop losses due to weather conditions were reported.

**WEST VIRGINIA:** Days suitable for fieldwork 5. Topsoil moisture was 12% short, 87% adequate, and 1% surplus compared to 2% very short, 15% short, 80% adequate, and 3% surplus last year. Subsoil moisture was 1% very short, 13% short, 85% adequate, and 1% surplus, comparison data not available. Hay and roughage supplies were 4% very short, 8% short, 86% adequate, and 2% surplus compared to 8% very short, 12% short, 76% adequate, and 4% surplus last year. Feed grain supplies were 5% very short, 16% short, 78% adequate, and 1% surplus compared to 1% very short, 4% short, 94% adequate, and 1% surplus last year. Corn was 74% planted, 69% in 2013, and 75% 5-year avg. Corn was 37% emerged, 40% in 2013, and 47% 5-year avg. Soybeans were 48% planted, 45% in 2013, and 58% 5-year avg. Soybeans were 16% emerged, 21% in 2013, and 33% 5-year avg. Winter wheat conditions were 2% poor, 34% fair, 63% good, and 1% excellent. Winter wheat was 65% headed, 85% in 2013, and 85% 5-year avg. Hay conditions were 1% very poor, 3% poor, 44% fair, 49% good, and 3% excellent. Hay first cutting was 17%, 6% in 2013, and 16% 5-year avg. Apple conditions were 3% poor, 12% fair, 78% good, and 7% excellent. Peach conditions were 1% very poor, 9% poor, 14% fair, 75% good, and 1% excellent. Cattle and calves were 2% poor, 22% fair, 70% good, and 6% excellent. Sheep and lambs were 1% poor, 21% fair, 73% good, and 5% excellent. Farming activities included making hay and planting corn and soybeans.

**WISCONSIN:** Days suitable for fieldwork 5.2. Topsoil moisture 6% short, 72% adequate, and 22% surplus. Subsoil moisture 7% short, 79% adequate, and 14% surplus. Spring tillage complete, 89%, 79% 2013, 93% avg. Winter wheat headed 14%, n.a. 2013, n.a. avg. condition 1% very poor, 6% poor, 28% fair, 50% good, 15% excellent. Hay, alfalfa, first cutting 22%, 6% 2013, 34% avg. Hay, all types, condition 1% poor, 11% fair, 60% good, 28% excellent. Potatoes planted, 87%, n.a. 2013, n.a. avg. It was a hot and humid week, with temperatures climbing into the 80s statewide. Heavy rains at both the beginning and end of the week interrupted field work and reportedly left standing water on heavy soils, particularly across the north and west of the state. However, sunny weather mid-week saw farmers working long hours to catch up on spring fieldwork. Planting and emergence measures progressed rapidly, moving closer to the five year average. Like last year, producers were juggling oats, corn, and soybean planting with the first cutting of alfalfa. Some reporters noted that acreage was being switched to shorter season crops and varieties due to muddy soils and a lack of days suitable for fieldwork earlier this year. Across the reporting stations, average temperatures last week were 3 to 9 degrees above normal. Average high temperatures ranged from 74 to 86 degrees, while average low temperatures ranged from 52 to 59 degrees. Precipitation totals ranged from 0.48 inches in Green Bay to 1.89 inches in Madison.

**WYOMING:** Days suitable for fieldwork 4.9. Topsoil moisture 7% very short, 16% short, 73% adequate, 4% surplus. Subsoil moisture 17% short, 83% adequate. Barley planted 98%, 99% 2013, 96% 5-yr avg; emerged 83%, 82% 2013, 80% 5-yr avg; jointing 6%, 13% 2013, 23% 5-yr avg; condition 3% fair, 85% good, 12% excellent. Oats planted 93%, 86% 2013, 87% 5-yr avg; emerged 65%, 67% 2013, 62% 5-yr avg; jointed 10%, 8% 2013, 16% 5-yr avg. Spring wheat planted 91%, 71% 2013, 80% 5-yr avg; emerged 60%, 56% 2013, 55% 5-yr avg; jointed 0%, 2% 2013, 17% 5-yr avg. Sugarbeets emerged 45%, 37% 2013, 52% 5-yr avg. Winter wheat jointed 93%, 78% 2013, 83% 5-yr avg; booting 9%, 13% 2013, 33% 5-yr avg; condition 2% poor, 45% fair, 51% good, 2% excellent. Corn planted 86%, 89% 2013, 89% 5-yr avg; emerged 39%, 66% 2013, 55% 5-yr avg. Dry beans planted 46%, 36% 2013, 47% 5-yr avg. Alfalfa hay condition 5% poor, 10% fair, 64% good, 21% excellent. Other hay condition 2% poor, 11% fair, 74% good, 13% excellent. Livestock condition 2% poor, 18% fair, 70% good, 10% excellent. Cattle and calf losses 42% light, 57% average, 1% heavy. Sheep and lamb losses 46% light, 53% average, 1% heavy. Irrigation water supplies 2% poor, 3% fair, 74% good, 21% excellent.

## International Weather and Crop Summary

May 25-31, 2014

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

**EUROPE:** Widespread rainfall hampered flood recovery efforts in southeastern Europe but maintained adequate to abundant soil moisture for reproductive winter crops elsewhere.

**FSU-WESTERN:** Showers eased heat stress on reproductive winter wheat in Russia, while heavy rain in western crop areas slowed fieldwork but were overall favorable for summer crops.

**FSU-EASTERN:** Cool, showery weather provided favorable conditions for spring wheat development, while unseasonably heavy showers in the south provided supplemental moisture for irrigated cotton.

**MIDDLE EAST:** Showers and thunderstorms lingered across northern portions of the region, slowing wheat harvesting but providing supplemental moisture for irrigated summer crops.

**NORTHWEST AFRICA:** Increasingly heavy showers slowed wheat maturation and harvesting in Algeria and Tunisia.

**SOUTH ASIA:** Monsoon showers remained south of India, although a tropical disturbance brought heavy showers to eastern areas.

**EAST ASIA:** Showers benefited corn in northeastern China, while hot, dry weather facilitated drydown of winter wheat on the North China Plain.

**SOUTHEAST ASIA:** Monsoon rainfall arrived in Thailand, encouraging rice transplanting.

**AUSTRALIA:** Rain continued to favor winter grain and oilseed development throughout most of the wheat belt.

**ARGENTINA:** Warmer, mostly dry weather aided autumn fieldwork, particularly summer crop drydown and harvesting.

**BRAZIL:** Beneficial rain continued in southern corn areas but seasonably drier weather developed farther north.

**MEXICO:** Rainfall increased across the southern plateau corn belt, further improving conditions for germination and establishment.

**CANADIAN PRAIRIES:** Showers slowed spring grain and oilseed planting but warmer conditions spurred germination and establishment.

**SOUTHEASTERN CANADA:** Warm, mostly dry weather fostered development of winter wheat and pastures, as well as emerging summer crops.

### May 2014

COUNTRY	CITY	TEMPERATURE						PRECIP.	
		AVG MAX	AVG MIN	HI MAX	LO MIN	DEP AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	25	12	31	6	18	0.1	6	-38
	BATNA	26	9	34	0	18	0.1	39	-1
ARGENT	IGUAZU	23	14	29	6	19	0.2	314	143
	FORMOSA	24	16	30	6	20	0.5	147	29
	CERES	21	13	27	4	17	1.4	82	42
	CORDOBA	20	9	27	-1	14	0	16	-9
	RIO CUARTO	19	9	25	-1	14	0.7	16	-14
	ROSARIO	19	10	26	1	15	0.7	21	-52
	BUENOS AIRES	18	10	23	1	14	0.8	101	20
	SANTA ROSA	18	7	25	0	12	1	43	-2
	TRES ARROYOS	17	8	24	2	12	1.6	83	18
AUSTRA	DARWIN	32	24	33	20	28	0.6	13	-9
	BRISBANE	23	14	27	8	19	0.2	42	-71
	PERTH	21	12	24	5	16	0.2	119	27
	CEDUNA	23	12	30	6	18	2.8	5	-22
	ADELAIDE	20	12	26	6	16	2.1	58	10
	MELBOURNE	18	10	25	2	14	1.5	9	-38
	WAGGA	18	8	24	2	13	1.5	60	4
	CANBERRA	17	3	20	-2	10	0.3	21	-22
AUSTRI	VIENNA	19	11	27	3	15	-0.2	103	37
	INNSBRUCK	19	9	29	1	14	0.1	109	22
BAHAMA	NASSAU	30	24	33	19	27	1.3	18	-73
BARBAD	BRIDGETOWN	30	25	31	23	28	0.1	15	-37
BELARU	MINSK	20	10	30	0	15	1.6	83	27
BERMUD	ST GEORGES	24	20	27	17	22	-0.7	77	8
BOLIVI	LA PAZ	15	-1	18	-6	7	-0.3	24	10
BRAZIL	FORTALEZA	30	25	30	23	27	-0.4	177	-45
	RECIFE	29	23	30	22	26	-1.3	235	-67
	CAMPO GRANDE	23	15	29	0	19	-3.2	168	90
	FRANCA	26	16	28	9	21	0.8	13	-43
	RIO DE JANEIRO	27	19	33	14	23	0.4	34	-45
	LONDRINA	25	15	30	9	20	1	95	-14
	SANTA MARIA	21	12	27	4	17	0	172	11
	TORRES	22	14	29	6	18	-3.3	94	9
BULGAR	SOPIA	20	9	26	4	14	-0.6	143	83
BURKIN	OUAGADOUGOU	38	28	41	22	33	0.7	96	22
CANADA	TORONTO	19	9	30	2	14	1.3	56	-16
	MONTREAL	20	9	28	3	14	1	96	18
	WINNIPEG	17	6	33	-5	11	-0.6	0	-57
	REGINA	18	4	32	-6	11	-0.8	0	-54
	SASKATOON	17	3	31	-5	10	-1.5	0	-49
	LETHBRIDGE	***	***	***	***	***	*****	*****	*****
	CALGARY	16	3	26	-6	9	-0.5	62	2
	EDMONTON	16	4	27	-4	10	-1.5	56	10
	VANCOUVER	18	10	22	7	14	1.7	84	16
CANARY	LAS PALMAS	25	19	28	18	22	1.7	2	0
CHILE	SANTIAGO	20	6	28	-1	13	1.9	5	-64
CHINA	HARBIN	19	10	36	1	15	0	91	52
	HAMI	28	11	37	1	19	-1	4	-1
	LANCHOW	***	***	29	7	***	*****	*****	*****
	BEIJING	28	16	41	7	22	1.9	41	7
	TIENTSIN	29	16	41	8	22	2.2	54	17
	LHASA	22	8	27	4	15	2.2	10	-22
	KUNMING	27	15	33	9	21	2.2	79	-18
	CHENGCHOW	30	18	39	8	24	2.8	58	-2
	YECHANG	25	17	31	11	21	-0.9	76	-54
	HANKOW	27	18	33	10	22	-0.3	85	-77
	CHUNGKING	25	19	31	15	22	-1	121	-27
	CHIHKIANG	25	18	33	11	21	-0.3	234	34
	WU HU	28	19	35	11	23	2.1	92	-37
	SHANGHAI	26	18	34	9	22	1.4	62	-40
	NANCHANG	26	20	30	16	23	0.4	306	60
	TAIPEI	28	23	35	15	25	0.1	636	392
	CANTON	29	23	34	17	26	0.1	527	262
	NANNING	32	24	36	17	28	1.7	52	-134
COLOMB	BOGOTA	19	10	23	3	14	0.5	130	47
COTE D	ABIDJAN	31	25	33	22	28	0.3	149	-128
CUBA	HAVANA	31	21	33	16	26	-0.3	0	-94
CYPRUS	LARNACA	26	17	30	13	21	0.2	35	27
CZECHR	PRAGUE	17	8	27	-1	12	-0.5	125	53

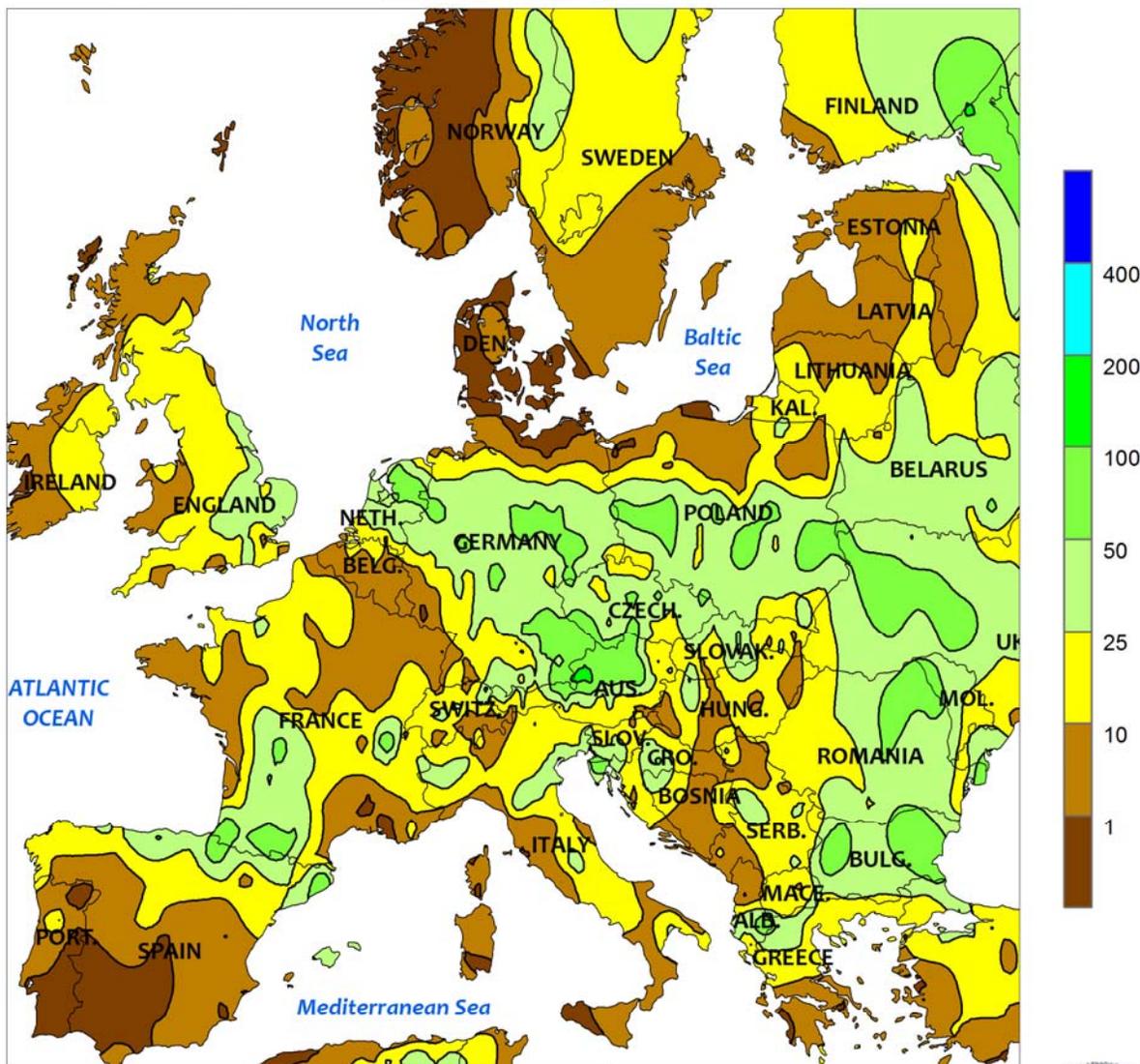
Based on Preliminary Reports

May 2014

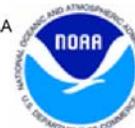
COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	DEP AVG	NRM	TOT	DEP			AVG MAX	AVG MIN	HI MAX	LO MIN	DEP AVG	NRM	TOT	DEP
DENMAR	COPENHAGEN	17	9	25	2	13	1.5	65	29	MEXICO	GUADALAJARA	29	17	33	13	23	-0.8	25	-1
EGYPT	CAIRO	32	21	42	17	26	1.1	0	*****		TLAXCALA	24	11	28	6	18	-1	61	-21
	ASWAN	40	25	47	15	32	1.1	0	0		ORIZABA	24	17	29	11	20	-0.6	165	45
ESTONI	TALLINN	15	6	31	-2	11	1.2	49	14	MOROCC	CASABLANCA	23	17	33	14	20	2.3	10	-8
ETHIOP	ADDIS ABABA	26	13	28	12	20	1.4	71	-6		MARRAKECH	32	17	42	13	24	4.1	1	-16
F GUIA	CAYENNE	30	24	32	21	27	1.1	406	-185	MOZAMB	MAPUTO	***	***	30	13	***	*****	*****	*****
FIJI	NAUSORI	28	21	30	16	24	0.1	240	-2	N KORE	PYONGYANG	25	12	34	4	19	1.8	59	-18
FINLAN	HELSINKI	15	7	29	-2	11	0.7	50	14	NEW CA	NOUMEA	25	20	32	17	23	0.1	92	4
FRANCE	PARIS/ORLY	19	9	25	4	14	-0.4	88	31	NIGER	NIAMEY	39	28	43	22	34	-0.4	50	17
	STRASBOURG	21	10	29	3	15	1.2	66	-15	NORWAY	OSLO	15	6	25	-3	10	0.7	84	28
	BOURGES	19	9	26	4	14	0.3	82	3	NZEALA	AUCKLAND	18	10	21	1	14	*****	80	*****
	BORDEAUX	20	10	28	5	15	-0.2	72	-10		WELLINGTON	16	11	19	3	13	*****	50	*****
	TOULOUSE	21	11	25	6	16	0.4	56	-22	P RICO	SAN JUAN	31	24	34	22	27	0.3	179	45
	MARSEILLE	23	13	30	8	18	0.8	13	-28	PAKIST	KARACHI	36	27	40	24	31	0.4	5	*****
GABON	LIBREVILLE	30	24	32	22	27	0.4	460	192	PERU	LIMA	23	19	26	17	21	1.7	0	-1
GERMAN	HAMBURG	17	8	30	-2	13	0.2	98	47	PHILIP	MANILA	35	27	37	24	31	0.9	91	-39
	BERLIN	19	10	30	2	14	-0.1	86	34	PNEWGU	PORT MORESBY	30	22	33	-71	26	-0.6	3	-55
	DUSSELDORF	18	9	28	1	13	-0.8	149	79	POLAND	WARSAW	19	10	29	-1	14	0.8	104	53
	LEIPZIG	18	9	29	3	13	0.0	119	70		LODZ	18	8	28	-2	13	-0.3	101	50
	DRESDEN	17	9	28	2	13	-0.1	115	54		KATOWICE	19	8	29	-1	13	-0.1	87	8
	STUTTGART	18	8	28	3	13	0.0	50	-33	PORTUG	LISBON	23	15	30	9	19	2.5	12	-34
	NURNBERG	18	8	31	1	13	-0.2	90	31	ROMANI	BUCHAREST	22	10	29	2	16	-0.9	102	48
	AUGSBURG	18	7	30	0	12	-0.5	59	-25	RUSSIA	ST.PETERSBURG	17	9	33	0	13	2.2	94	55
GREECE	THESSALONIKA	25	13	31	9	19	-0.4	16	-27		KAZAN	22	12	29	2	17	4.2	17	-20
	LARISSA	27	11	33	6	19	-0.4	28	-11		MOSCOW	21	11	29	1	16	3.1	70	16
	ATHENS	24	20	28	15	22	1.2	0	-15		YEKATERINBURG	20	9	31	-2	15	3.6	21	-24
GUADEL	RAIZET	30	23	31	21	27	-0.3	70	-50		OMSK	19	6	32	-2	12	0.6	9	-25
HONGKO	HONG KONG INT	31	26	35	20	28	1.9	438	139		BARNAUL	17	5	27	-3	11	-1.2	53	10
HUNGAR	BUDAPEST	21	11	29	5	16	0.1	104	43		KHABAROVSK	18	7	28	-1	13	0.5	74	15
ICELAN	REYKJAVIK	***	***	13	3	***	*****	*****	*****		VLADIVOSTOK	15	8	24	3	11	1.5	88	13
INDIA	AMRITSAR	38	21	44	17	30	-0.3	69	48		VOLGOGRAD	26	14	34	2	20	4.2	25	-9
	NEW DELHI	39	24	44	18	31	-1.4	60	38		ASTRAKHAN	29	16	36	9	22	4.3	16	-11
	AHMEDABAD	41	27	45	24	34	0.2	0	-16		ORENBURG	26	12	34	1	19	3.3	8	-22
	INDORE	39	24	43	21	31	-1.0	8	-12	S AFRI	JOHANNESBURG	21	10	26	4	15	2.5	5	-9
	CALCUTTA	37	27	41	22	32	1.6	112	-16		BETHAL	23	5	28	1	14	2.0	0	-16
	VERAVAL	34	27	37	25	31	1.8	0	*****		DURBAN	25	14	32	11	20	0.4	16	-37
	BOMBAY	34	27	36	25	30	0.3	0	*****		CAPE TOWN	20	11	26	4	16	1.0	60	-15
	POONA	38	23	40	19	30	0.7	10	-24	S KORE	SEOUL	25	14	33	7	20	1.7	65	-46
	BEGAMPET	39	26	42	22	32	-0.5	46	12	SAMOA	PAGO PAGO	30	26	31	23	28	0.5	218	-47
	VISHAKHAPATNAM	33	27	35	21	30	-0.9	137	84	SENEGA	DAKAR	25	21	28	20	23	0.5	0	-1
	MADRAS	38	27	43	25	33	-0.3	21	-13	SPAIN	VALLADOLID	22	8	28	4	15	1.2	28	-23
	MANGALORE	34	25	36	23	29	-0.4	113	-75		MADRID	26	11	32	6	18	2.3	8	-40
INDONE	SERANG	33	24	35	22	29	0.4	114	-8		SEVILLE	30	15	36	11	23	2.2	7	-30
IRELAN	DUBLIN	15	8	20	2	12	1.0	91	38	SWITZE	ZURICH	18	9	28	3	13	0.4	115	1
ITALY	MILAN	24	12	27	8	18	0.9	33	-64		GENEVA	19	9	25	3	14	0.2	71	-3
	VERONA	24	12	28	8	18	0.6	76	-3	SYRIA	DAMASCUS	31	14	36	9	22	1.8	26	23
	VENICE	22	13	26	10	18	0.3	144	78	TAHITI	PAPEETE	30	24	31	22	27	0.4	32	-70
	GENOA	21	15	28	13	18	0.0	48	-20	TANZAN	DAR ES SALAAM	30	22	32	21	26	0.8	159	4
	ROME	22	12	26	7	17	-0.6	31	-7	THAILA	PHITSANULOK	37	26	39	23	31	0.5	164	-14
	NAPLES	22	14	30	9	18	0.3	42	-14		BANGKOK	37	28	39	24	33	2.6	100	-120
JAMAIC	KINGSTON	32	25	33	24	28	0.4	33	-27	TOGO	LOME	31	26	35	23	29	1.1	8	-140
JAPAN	SAPPORO	20	10	30	5	15	2.8	61	6	TRINID	PORT OF SPAIN	34	24	35	21	29	1.5	33	-64
	NAGOYA	26	15	33	8	20	1.4	156	-1	TUNISI	TUNIS	26	15	34	11	21	1.1	18	-4
	TOKYO	25	17	32	11	21	1.9	142	13	TURKEY	ISTANBUL	22	15	29	11	19	1.8	71	35
	YOKOHAMA	24	16	30	11	20	1.4	133	-7		ANKARA	21	8	28	3	15	1.3	82	40
	KYOTO	26	15	34	8	20	1.0	79	-89	TURKME	ASHKHABAD	33	20	39	15	27	3.6	10	-17
	OSAKA	25	16	31	11	20	0.8	83	-58	UKINGD	ABERDEEN	14	8	20	0	11	1.6	66	11
KAZAKH	KUSTANAY	24	10	34	1	17	3.2	12	-15		LONDON	18	10	26	3	14	0.9	85	39
	TSELINOGRAD	22	9	33	1	15	2.2	23	-13	UKRAIN	KIEV	23	12	30	2	17	2.2	174	121
	KARAGANDA	21	7	29	-1	14	0.9	37	1		LVOV	20	8	27	-2	14	0.8	144	63
KENYA	NAIROBI	26	15	28	11	21	1.2	36	-59		KIROVOGRAD	24	12	31	1	18	2.6	102	62
LIBYA	TRIPOLI	30	16	40	10	23	0.0	0	-5		ODESSA	22	14	30	5	18	2.3	28	-6
	BENGHAZI	***	***	37	10	***	*****	*****	*****		YALTA	20	15	26	10	18	1.6	17	-19
LITHUA	KAUNAS	19	8	29	-1	14	0.8	87	42		KHARKOV	25	13	33	3	19	3.7	56	3
LUXEMB	LUXEMBOURG	17	9	24	3	13	0.5	63	-12	UZBEKI	TASHKENT	30	16	36	9	23	2.8	31	-23
MALAYS	KUALA LUMPUR	33	25	36	24	29	1.4	371	151	VENEZU	CARACAS	***	***	33	23	***	*****	*****	*****
MALI	BAMAKO	36	25	42	21	31	-0.8	234	173	ZIMBAB	KADOMA	26	11	29	7	19	-1.5	5	0
MARSHA	MAJURO	30	27	31	26	29	1.3	192	-108										
MARTIN	LAMENTIN	31	24	31	21	27	0.8	58	-53										
MAURIT	NOUAKCHOTT	30	21	41	18	26	0.2	0	0										

Based on Preliminary Reports

EUROPE  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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

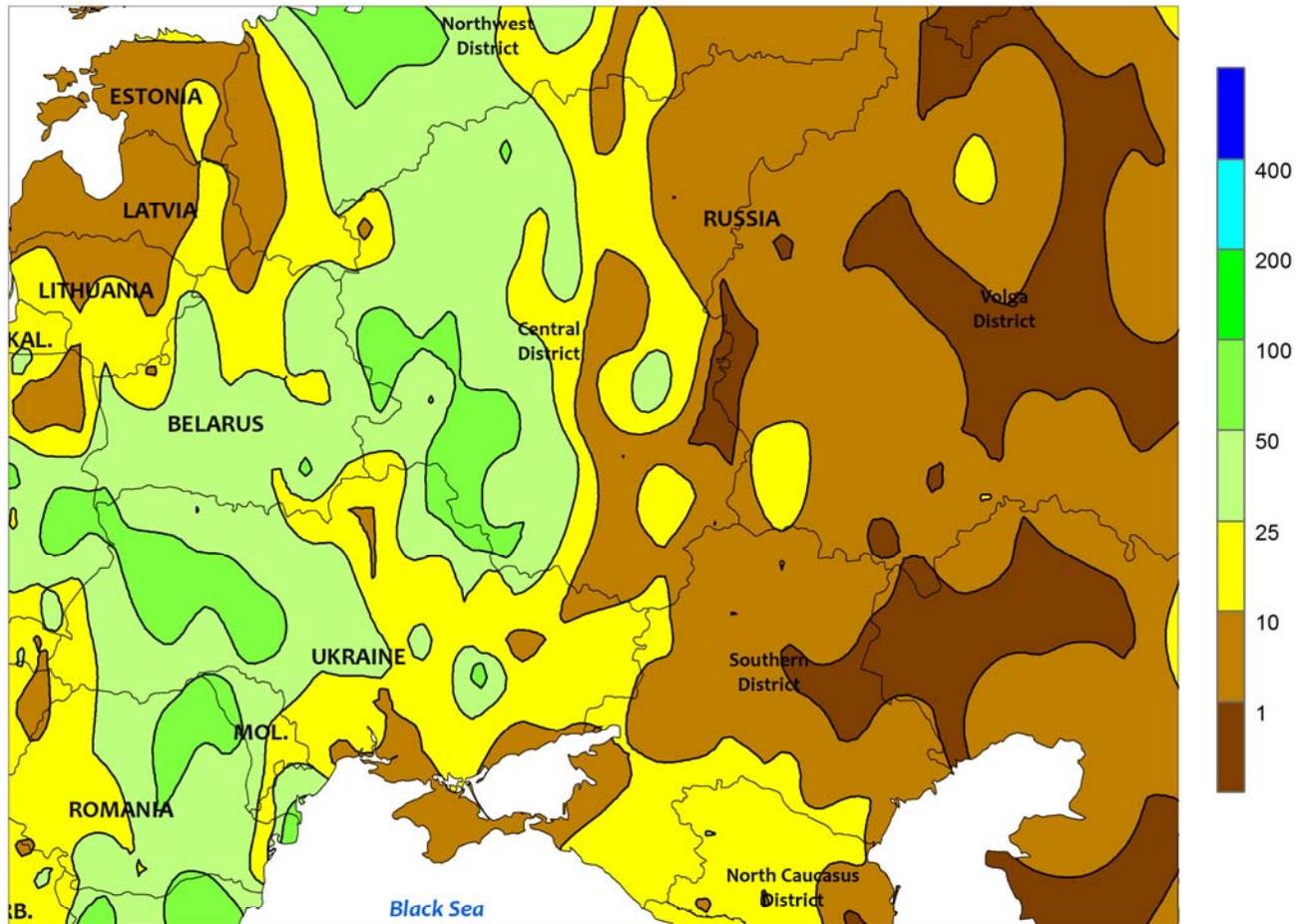


**EUROPE**

Widespread rainfall benefited reproductive winter crops across central and northern Europe but hampered flood recovery efforts in the Balkans. A large, stationary area of high pressure over Scandinavia prevented storms from exiting Europe. Consequently, showers and thunderstorms continued to soak much of the continent with locally more than 50 mm of rainfall. The moisture was beneficial for reproductive winter wheat and rapeseed as well as emerging

to vegetative summer crops. However, the showers were unwelcome in parts of the Balkans, where producers are attempting to recover from recent heavy rain and flooding. Despite the wet weather pattern, somewhat drier conditions (10 mm or less) in Spain were favorable for winter grain drydown and harvesting. Temperatures across Europe during the past week were near normal, with no excessive heat observed.

WESTERN FSU  
 Total Precipitation (mm)  
 MAY 25 - 31, 2014



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

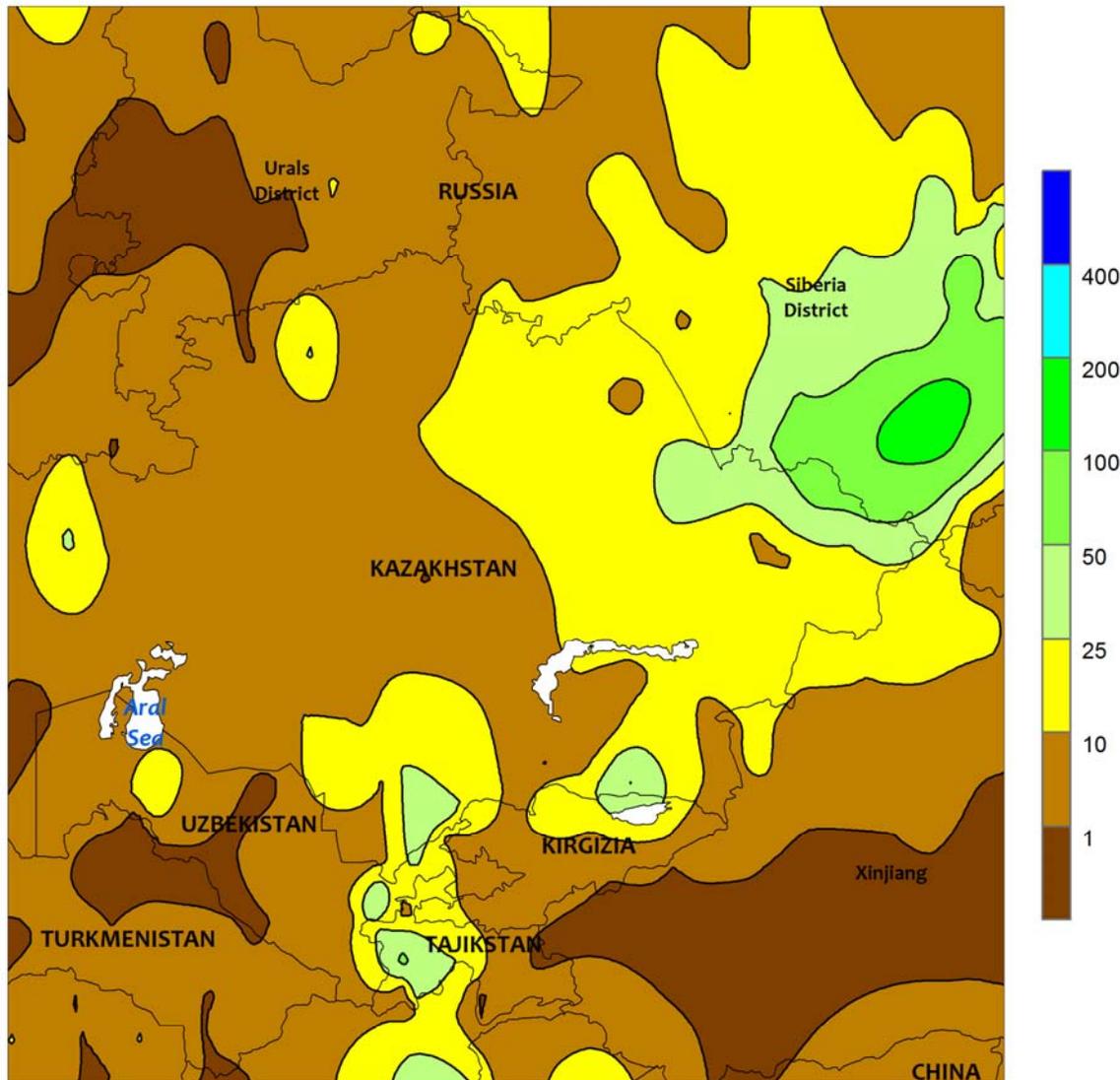


**WESTERN FSU**

Showers provided relief from heat in central and southern Russia, while locally heavy downpours continued in western crop districts. An area of high pressure maintained sunny, hot weather across Russia and eastern Ukraine during the first half of the period, although daytime highs (lower 30s degrees C) were below the threshold for damage to flowering wheat. During the latter half of the week, light to moderate showers

(4-25 mm) signaled the arrival of cooler weather and improved soil moisture for reproductive winter crops in these previously-hot areas. Meanwhile, moderate to heavy showers and thunderstorms (25-60 mm) persisted from central and western Ukraine into Belarus and northwestern Russia, boosting soil moisture for corn and small grains but hampering fieldwork, including late summer crop planting.

EASTERN FSU  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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

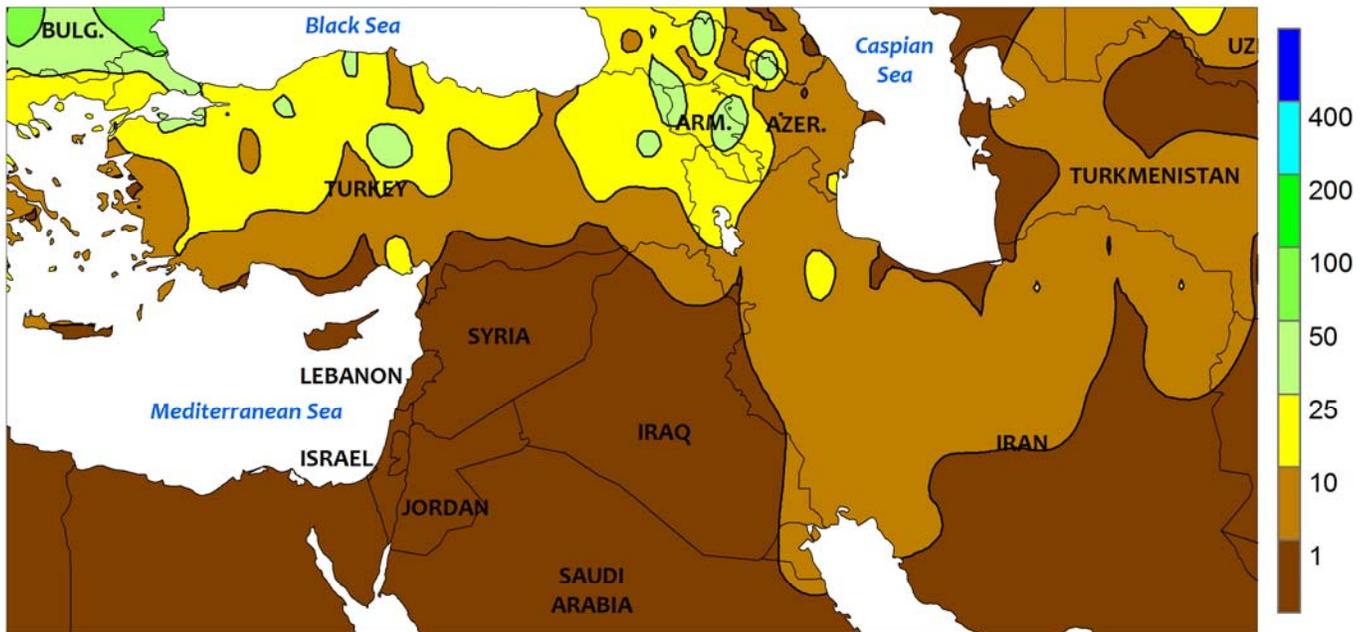


**EASTERN FSU**

Cooler, showery weather continued in spring wheat districts, while unseasonably heavy showers returned to southern cotton areas. A strong cold front provided cool, unsettled weather across northern Kazakhstan and Russia's Siberia District. The rainfall — which tallied 3 to 20 mm — further improved soil moisture for emerging spring wheat, though the southern Urals

remained mostly dry. Heavy rain in eastern Siberia (100-170 mm) caused localized flooding but mostly fell outside of the primary spring wheat belt. Farther south, locally heavy showers and thunderstorms (10-60 mm) provided supplemental moisture for irrigated cotton, which was in the vegetative stage of development.

MIDDLE EAST  
 Total Precipitation (mm)  
 MAY 25 - 31, 2014



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

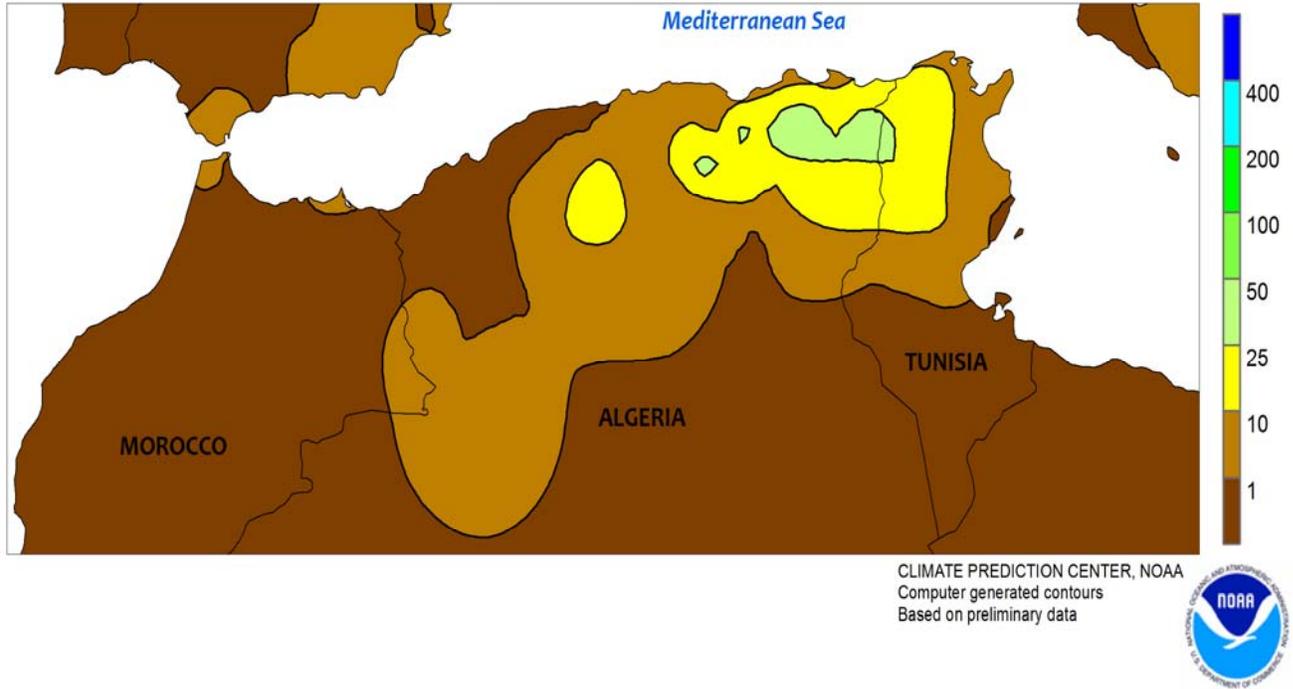


**MIDDLE EAST**

Showers lingered across the north, while sunny skies and seasonal heat prevailed across the south. A slow-moving disturbance generated additional showers and thunderstorms from central Turkey into northern Iran; amounts were highly variable, ranging from 2 to locally more than 50 mm. The rain caused localized delays to

wheat harvesting but provided supplemental moisture to irrigated summer crops, including corn, cotton, and rice. From the eastern Mediterranean Coast into central and southern Iran, sunny, seasonably hot weather promoted a rapid pace of winter grain harvesting and accelerated summer crop development.

NORTHWESTERN AFRICA  
Total Precipitation (mm)  
MAY 25 - 31, 2014

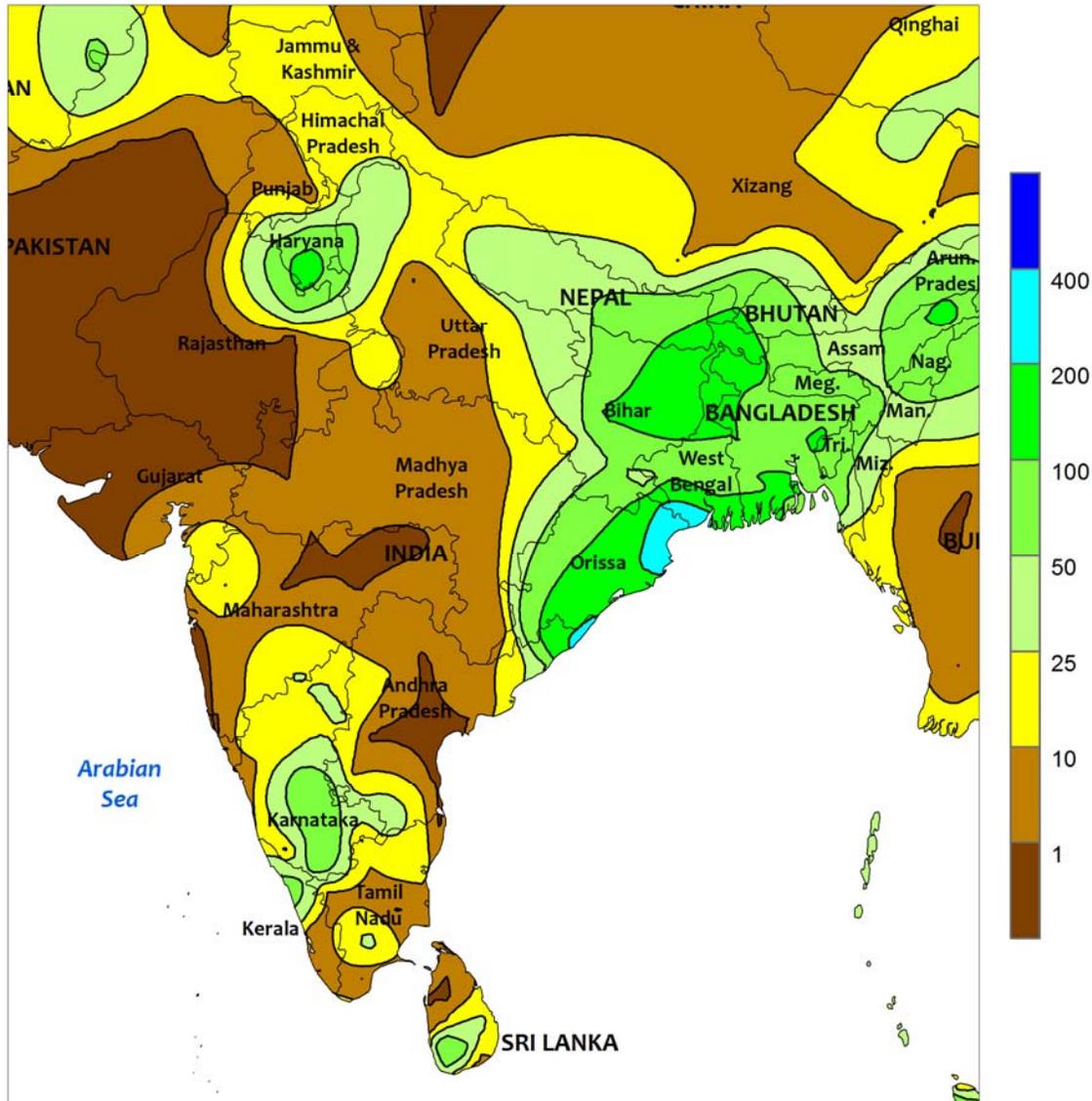


**NORTHWESTERN AFRICA**

Increasingly heavy showers hampered wheat maturation and harvesting in the east, while seasonably dry weather facilitated fieldwork across western crop districts. A stationary storm system settled over north-central Africa, generating moderate to heavy showers (10-45 mm) across northeastern Algeria and

northern Tunisia. The rain hampered wheat drydown and harvesting, with locally heavy downpours continuing in these areas at week's end. In contrast, dry, sunny conditions in Morocco and northwestern Algeria facilitated wheat drydown and harvesting.

SOUTH ASIA  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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

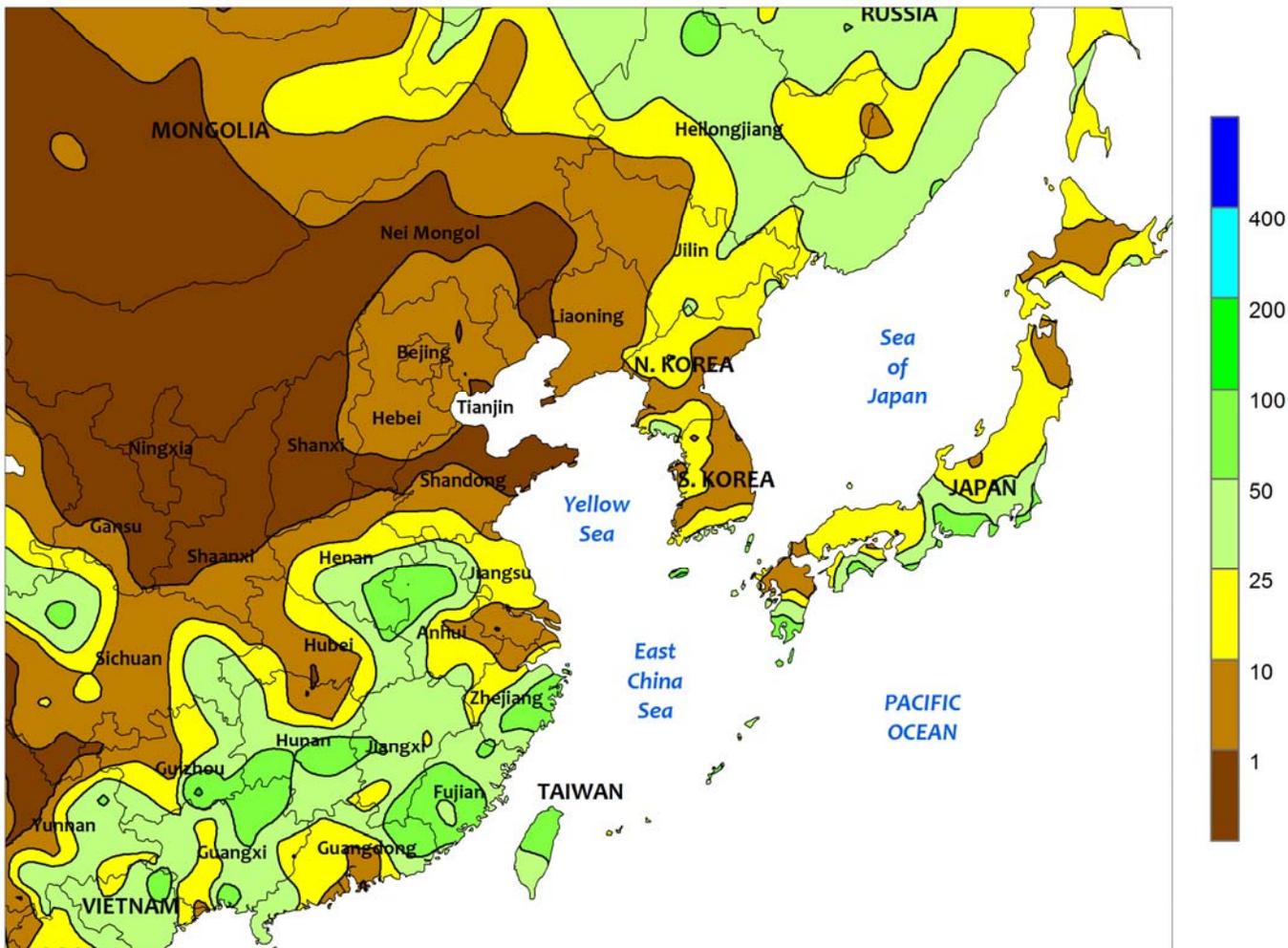


**SOUTH ASIA**

Monsoon rainfall progressed little, remaining south of Sri Lanka and in the southern extent of the Bay of Bengal. As such, dry weather continued across much of far southern India, with pre-monsoon showers (25-100 mm) occurring in parts of Karnataka. The normal onset date for the monsoon is June 1 and farmers will generally wait for the rainfall before beginning widespread planting. Meanwhile, a tropical disturbance that moved onshore late last week brought heavy showers (50-100 mm, locally up to 400 mm) to Orissa, Bihar, and West Bengal early in the current period (Bangladesh also

received heavy rainfall). Flooding occurred where rainfall totals were the highest, but the overall moisture was welcomed in advance of the monsoon onset. In northern India, cotton planting and rice transplanting continued as temperatures peaked in the mid-40s degrees C, stressing the young crops even with adequate irrigation. Elsewhere in the region, cotton planting and rice transplanting were well underway in Pakistan under hot, dry conditions, while showers (30-110 mm) in advance of the monsoon onset boosted field moisture for yala rice in Sri Lanka.

EASTERN ASIA  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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

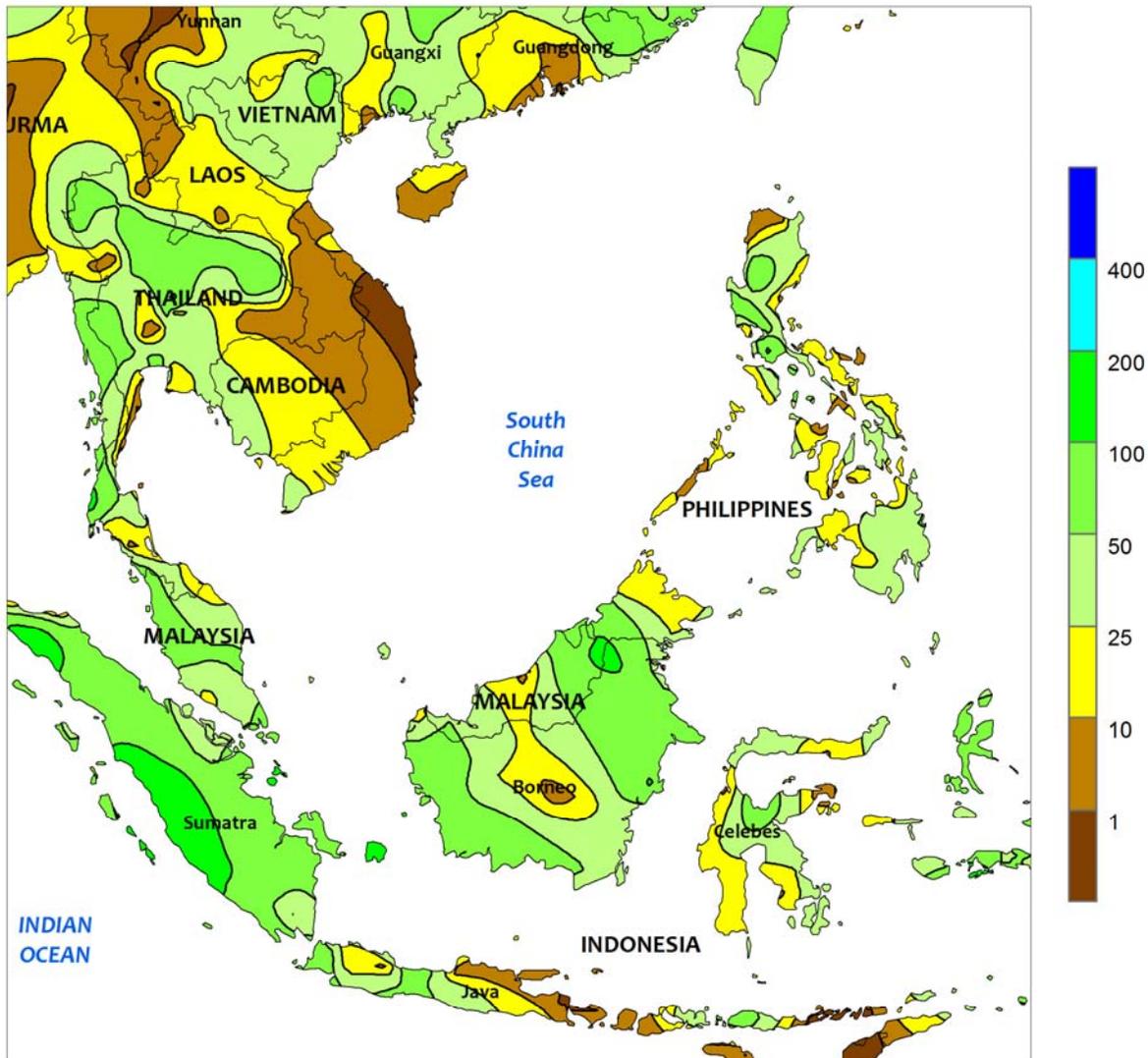


**EASTERN ASIA**

Showers across most of China provided beneficial moisture to summer crops, while hot weather prevailed on the North China Plain. In northeastern China, continued showers (10-35 mm) throughout Heilongjiang maintained surplus moisture for soybeans in the east and corn in the west. Showers were lighter (less than 10 mm) in Jilin, Liaoning, and neighboring portions of Inner Mongolia where, despite the drier weather, moisture conditions remained favorable for emerging corn. On the North China Plain, hot, dry weather prevailed for the week in Hebei and Shandong, as temperatures surpassed 40°C in some locales; temperatures averaged 5 to 6°C above normal for the period. The conditions aided drydown of winter wheat but stressed recently-planted summer crops (corn, cotton, soybeans, and groundnuts) even with adequate irrigation. Rainfall was more prevalent in parts of Henan, Anhui, and

Jiangsu where amounts between 25 to locally up to 100 mm were reported along with the hot weather. The heat lasted much of the week, but cooler, more seasonable weather returned by week's end. Farther south, showers were generally scattered within the Yangtze Valley, with rainfall totals ranging between 25 to 50 mm. Meanwhile in southern China, the heavy rain from the previous few weeks eased, although most areas still received 25 to 75 mm. Long-term moisture conditions (since March 1) remained favorable for early-season crops, but the latter half of May has been unfavorably dry for more recently planted crops in parts of the Yangtze Valley. In other parts of the region, showers remained unseasonably light (10-25 mm) on the Korean Peninsula and into Japan, as moisture deficits continued in most areas for newly transplanted rice.

SOUTHEAST ASIA  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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

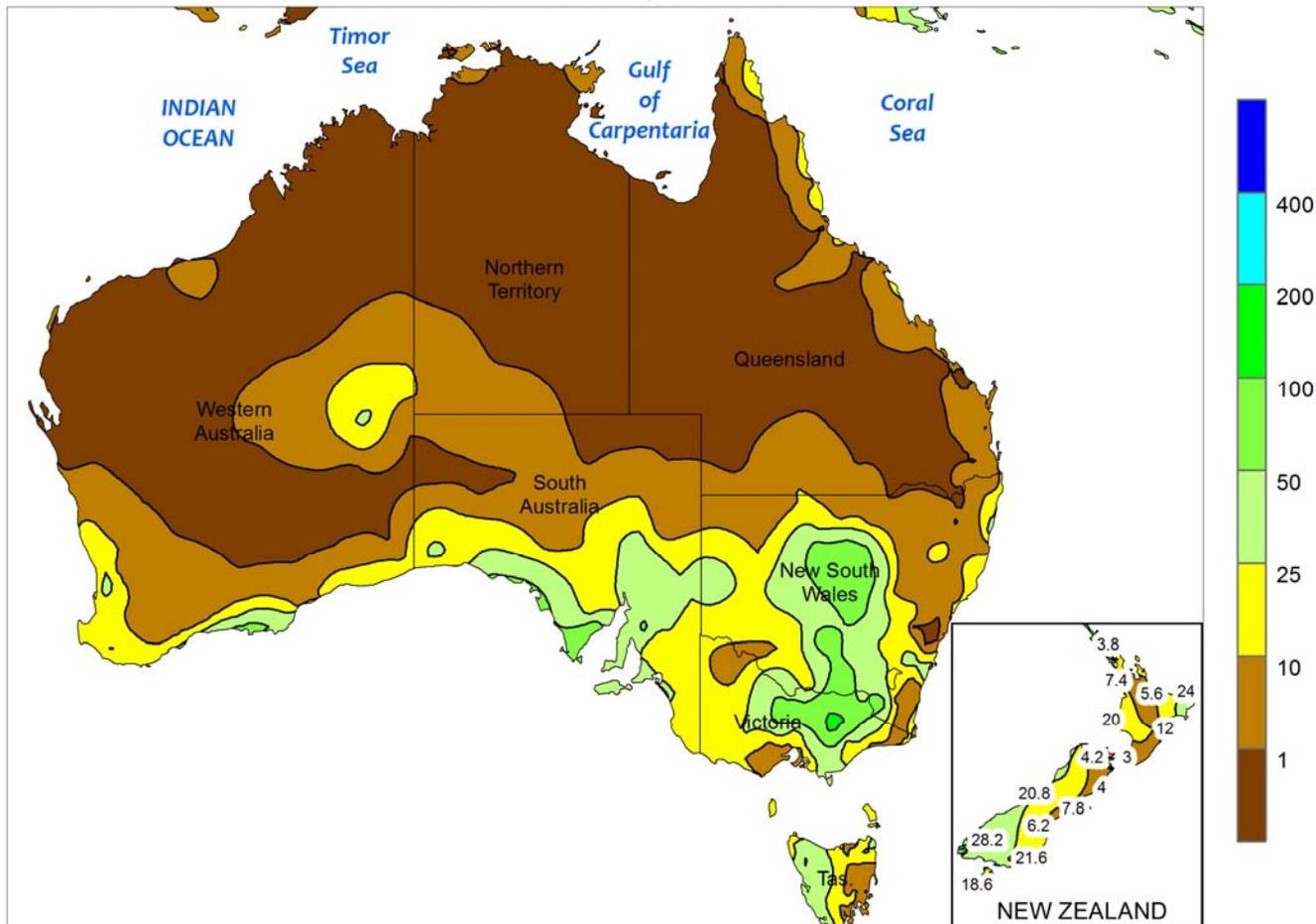


**SOUTHEAST ASIA**

Monsoon showers arrived in Thailand after a nearly four week delay. Widespread rainfall totals over 75 mm were reported across Thailand, with upwards of 100 mm in western parts of the country. The onset of tropical rainfall encouraged farmers to transplant rice in earnest, but the preceding dryness may have discouraged planting in some areas; rainfall over the last four weeks was 50 to 75 percent of the long-term average. In

Vietnam, monsoon rainfall had yet to become fully established in the south (less than 30 mm for the week), as the north received nearly 150 mm of unwelcomed rain for a mature spring rice crop. As with most of Indochina, a slow start to summer rainfall in the Philippines also resulted in deficits over the last few weeks, although weekly amounts averaging 30 mm in the north cut into the deficit.

AUSTRALIA  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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



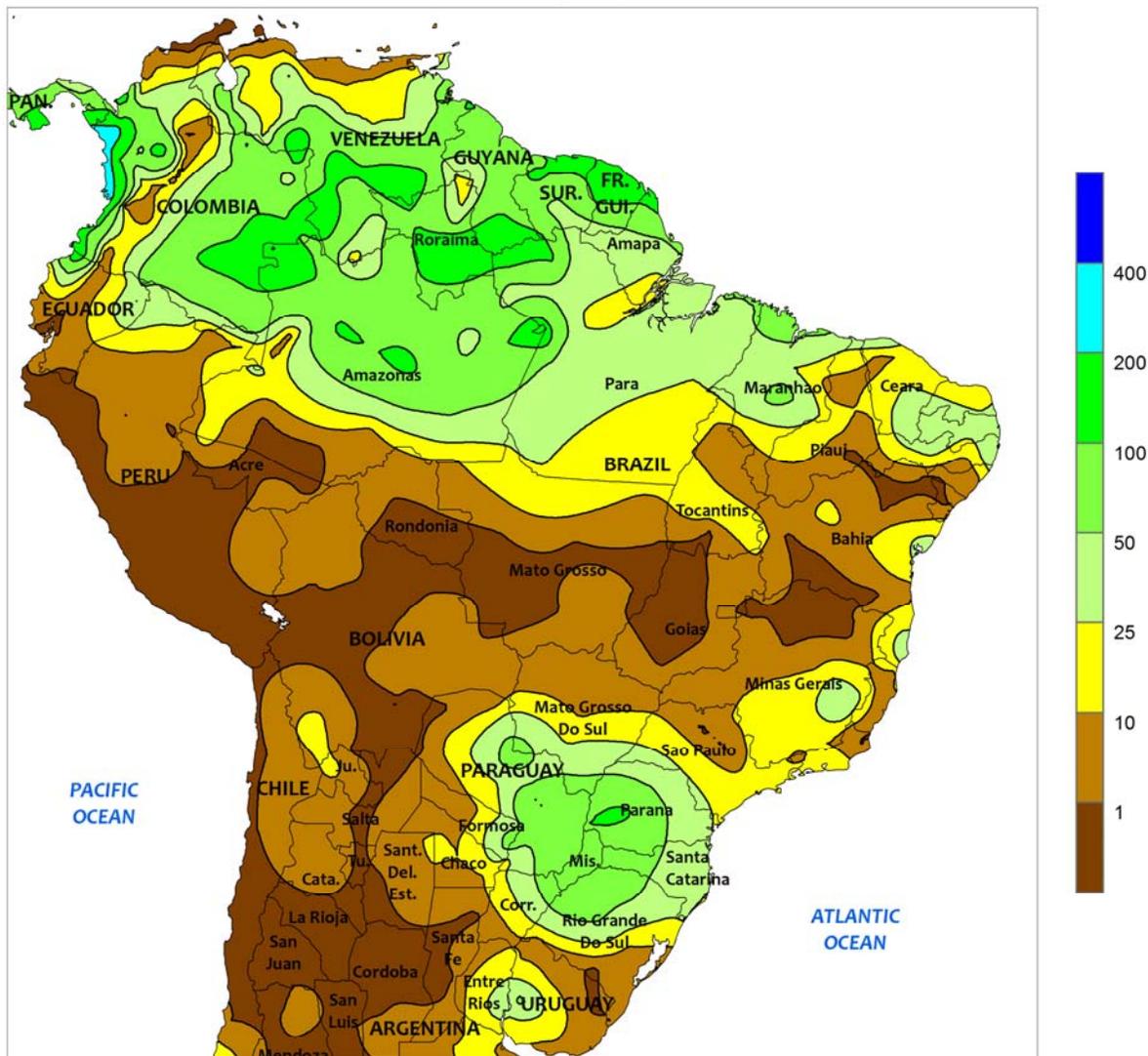
**AUSTRALIA**

In Western Australia, weekend showers (generally 2-10 mm) preceded sunny, seasonably mild weather during the remainder of the week, maintaining near ideal conditions for winter crop sowing and early development. Farther east, soaking rains (10-50 mm, locally more) overspread most of southern and eastern Australia, slowing fieldwork but favoring wheat, barley, and canola germination and

emergence. In contrast, warm, mostly dry weather increased evaporative losses in southern Queensland, further reducing topsoil moisture for emerging winter wheat. Unseasonably warm weather accelerated crop development in southern and eastern Australia. Temperatures averaged 3 to 5°C above normal, with maximum temperatures in the 20s degrees C.



BRAZIL  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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

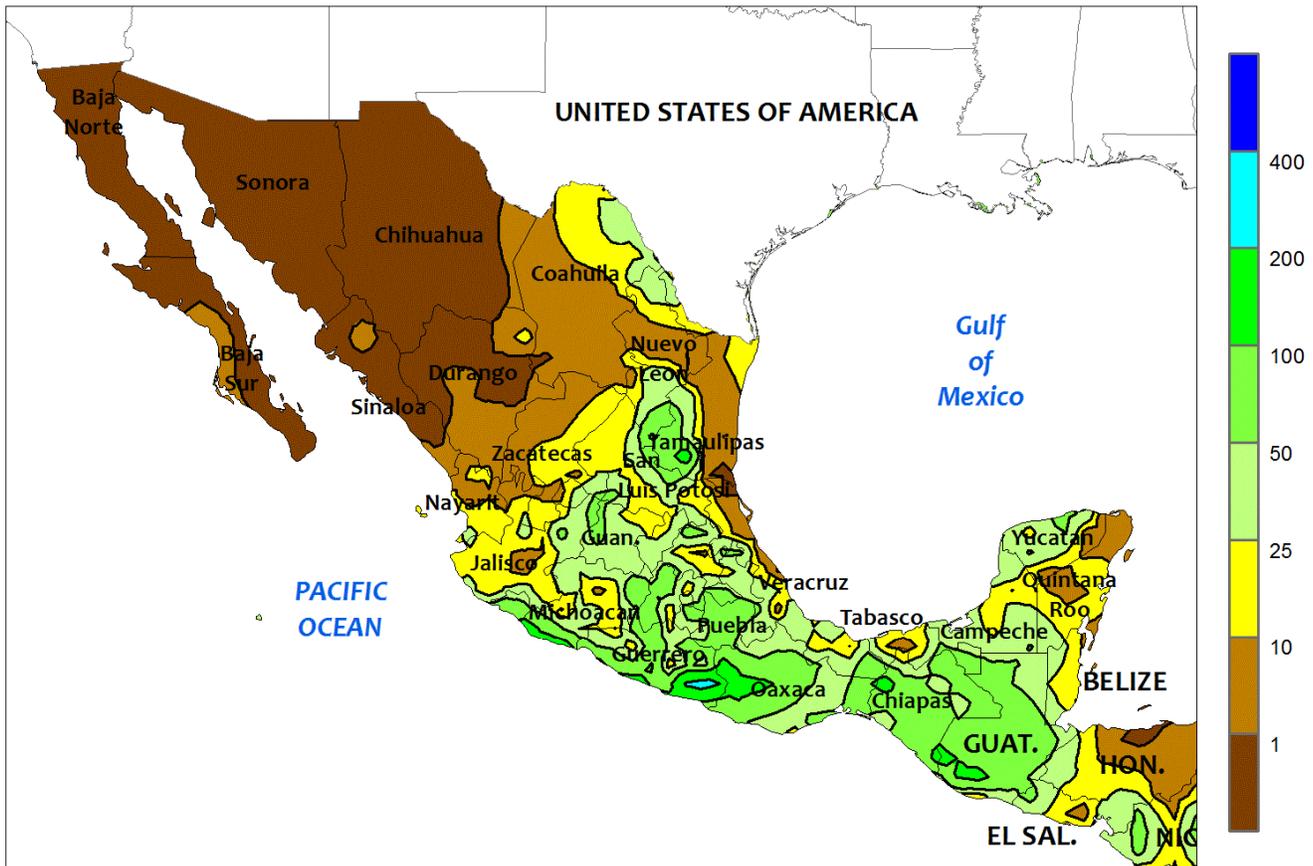


**BRAZIL**

Rain continued throughout the southern corn belt but seasonably drier weather developed farther north. Rainfall totaled more than 50 mm in key production areas of Rio Grande do Sul, Parana, and southernmost Mato Grosso do Sul. The moisture was overall favorable for second-crop (safrinha) corn and emerging to vegetative winter wheat. Seasonably light showers (5-25 mm) lingered over coffee areas of southeastern Minas Gerais but dry weather returned to a broad area stretching from Sao Paulo to southern Mato Grosso, where crops — including sugarcane, corn, and cotton — benefited from last week’s unseasonable wetness.

Aside from some isolated showers in Tocantins, mostly dry weather also dominated the northeastern interior, but seasonable showers (10-50 mm, most areas) continued along the northeastern coast. Weekly temperatures averaged 1 to 3°C below normal from Rio Grande do Sul to southwestern Mato Grosso, with daytime highs only reaching the lower 20s in the far south. Despite the coolness, however, temperatures stayed above freezing. Warmer weather prevailed from Minas Gerais to northeastern Mato Grosso, with daytime highs reaching the lower and middle 30s (degrees C).

MEXICO  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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

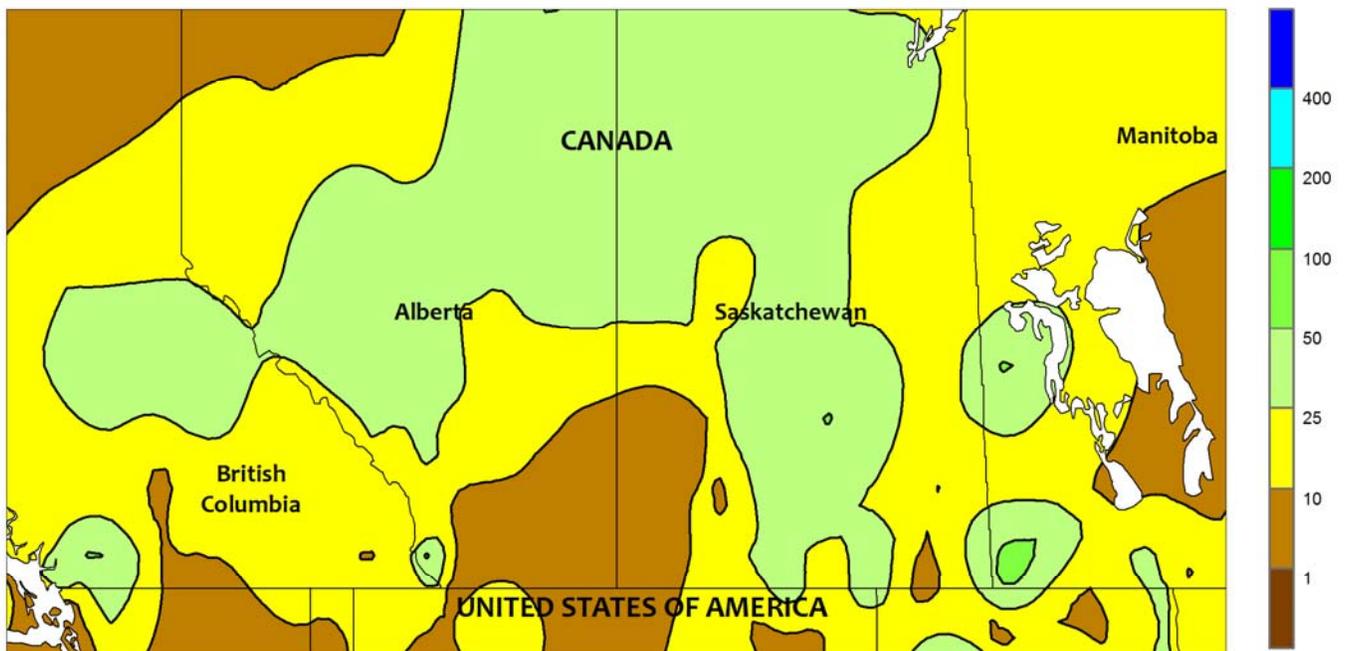


**MEXICO**

Locally heavy rain overspread the south and northeast, boosting irrigation reserves and increasing moisture for establishment of rain-fed summer crops. Rainfall totaled more than 10 mm across the southern plateau, with pockets of heavy rain (greater than 50 mm) stretching from Guanajuato southeastward to Chiapas; similar amounts extended into the northeast (Tamaulipas, Nuevo Leon, and eastern Coahuila) though coverage was not as uniform. The moisture was partly from Hurricane Amanda, which stayed

off the southwestern coast of Mexico but impacted rainfall amounts nonetheless. The rainfall was especially timely in western sections of the corn belt (notably Jalisco), which recorded its wettest week of the season to date in time for planting. In contrast, dry, warmer-than-normal weather (weekly temperatures averaging 2-3°C above normal with daytime highs approaching 40°C in spots) dominated the northwest, hastening drydown and harvesting of winter wheat and corn.

CANADIAN PRAIRIES  
Total Precipitation (mm)  
MAY 25 - 31, 2014



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

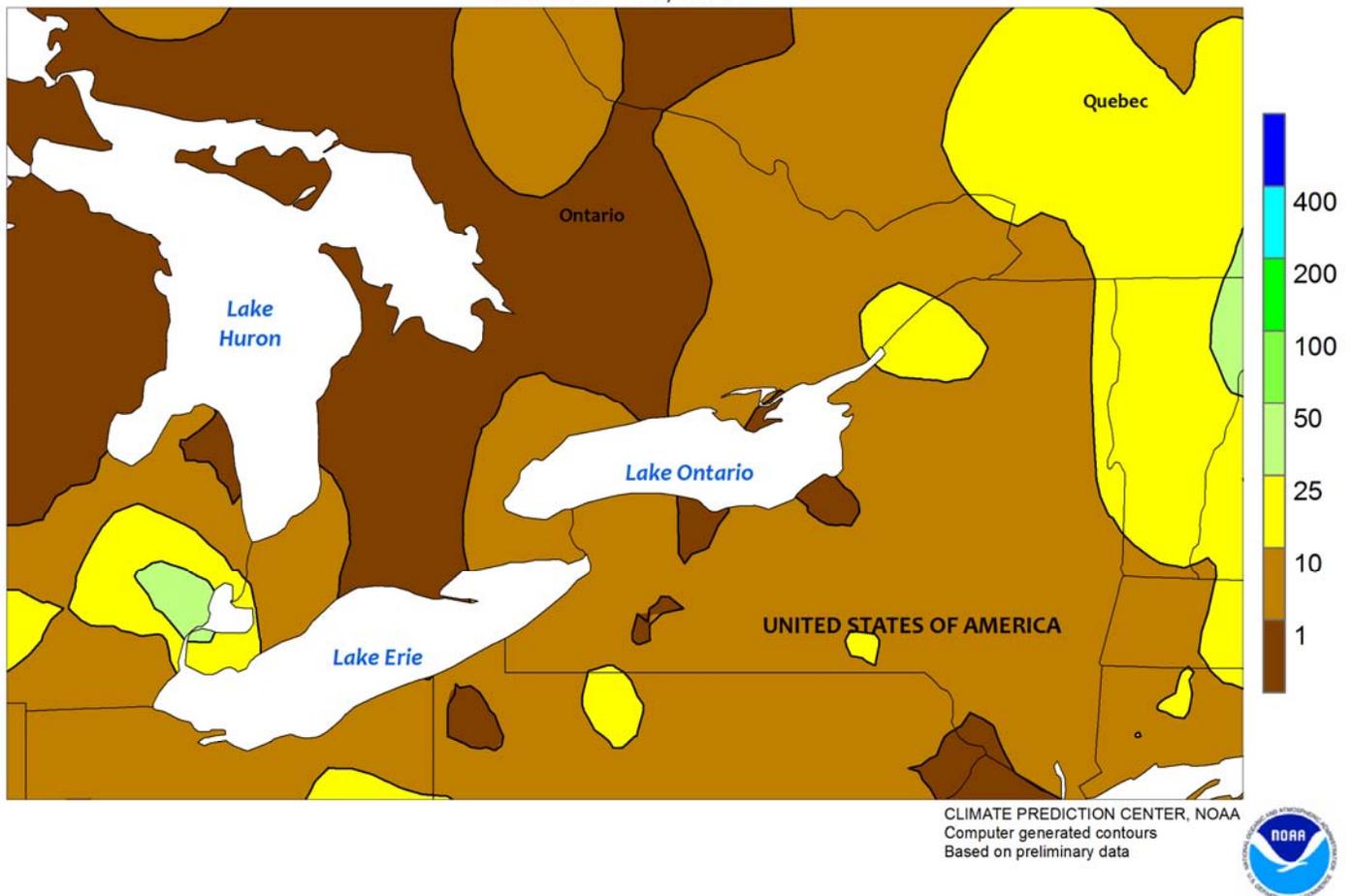


#### CANADIAN PRAIRIES

A warming trend continued across the southern and eastern Prairies, spurring growth of emerging spring grains and oilseeds. Weekly average temperatures ranged from 1 to 2°C above normal in southern Alberta and northwestern Saskatchewan to as much as 6°C above normal in southern Manitoba, where daytime highs briefly reached the lower 30s (degrees C). Temperatures averaged near to slightly below normal in Alberta's northern agricultural districts, including the Peace River Valley, with highs mostly in the upper teens and lower 20s. Region-wide, frost was generally patchy and light. Frequent, locally heavy rain

(5-50 mm) fell across the region, slowing the latter stages of spring grain and oilseed planting. This was especially true in southwestern Manitoba, parts of which have recorded frequent showers since mid-April. In contrast, mostly dry weather prevailed in the traditionally drier southwest (southern Alberta and southwestern Saskatchewan), where rainfall totaled below 10 mm. The optimal planting period for spring grains and oilseeds is May; fieldwork can last into the early parts of June, but crops incur a greater risk of potential damage from summer heat or an early autumn frost.

SOUTHEASTERN CANADA  
 Total Precipitation (mm)  
 MAY 25 - 31, 2014

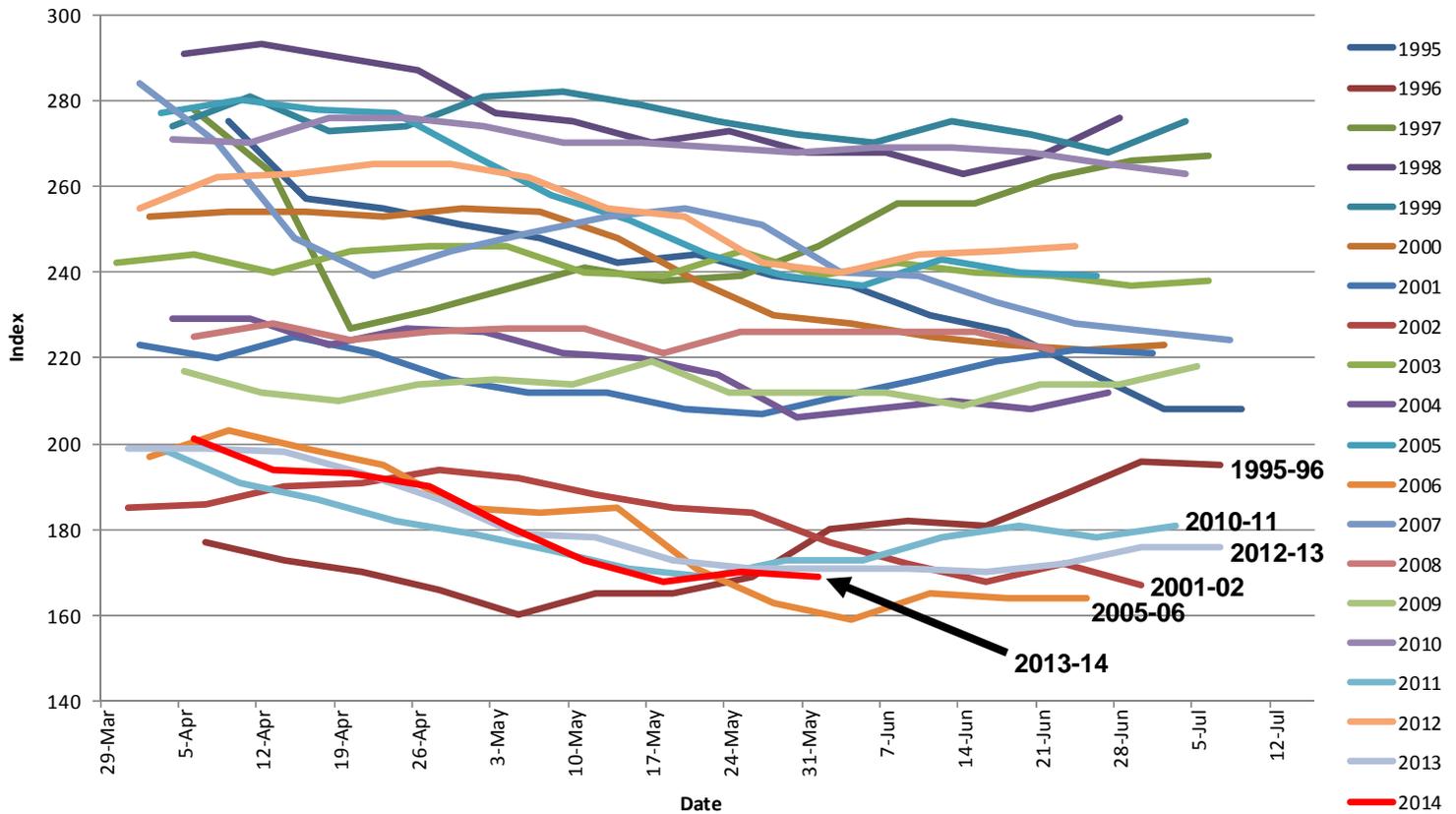


**SOUTHEASTERN CANADA**

Mostly dry, warmer-than-normal weather promoted development of winter wheat and pastures, and boosted growth rates of germinating corn and soybeans. Weekly temperatures averaged 2 to 3°C above normal in Ontario, with highs on several days reaching the upper 20s (degrees C). Somewhat milder conditions prevailed in Quebec, where temperatures averaged closer to normal (daytime highs in the lower and middle 20s on most days). In addition, nighttime lows stayed above freezing. In

Ontario, showers were generally confined to farming areas nearest the Great Lakes, with little to no rain in interior agricultural areas. Light showers (5-25 mm) fell in Quebec, maintaining adequate to abundant levels of moisture for crops and pastures. According to Ontario’s Ministry of Agriculture and Food, winter wheat in the southwest was beginning to head as of May 28. Additionally, corn was 70 percent planted; soybean planting was ongoing but delays were noted.

## U.S. WINTER WHEAT Condition Index



Based on NASS crop progress data.

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

During the last two decades, early-June U.S. winter wheat conditions have been lower only once—in 2006 (see above). That year, crop conditions plunged during the second half of May, resulting in 48% of the winter wheat being rated in very poor to poor condition by June 4. This year, 44% of the crop was rated very poor to poor on June 1. Current wheat conditions are slightly worse than those observed in early-June 1996, 2002, 2011, and 2013.

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