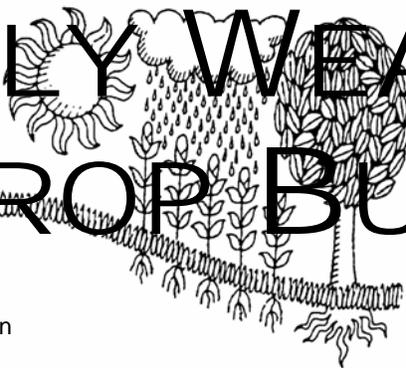
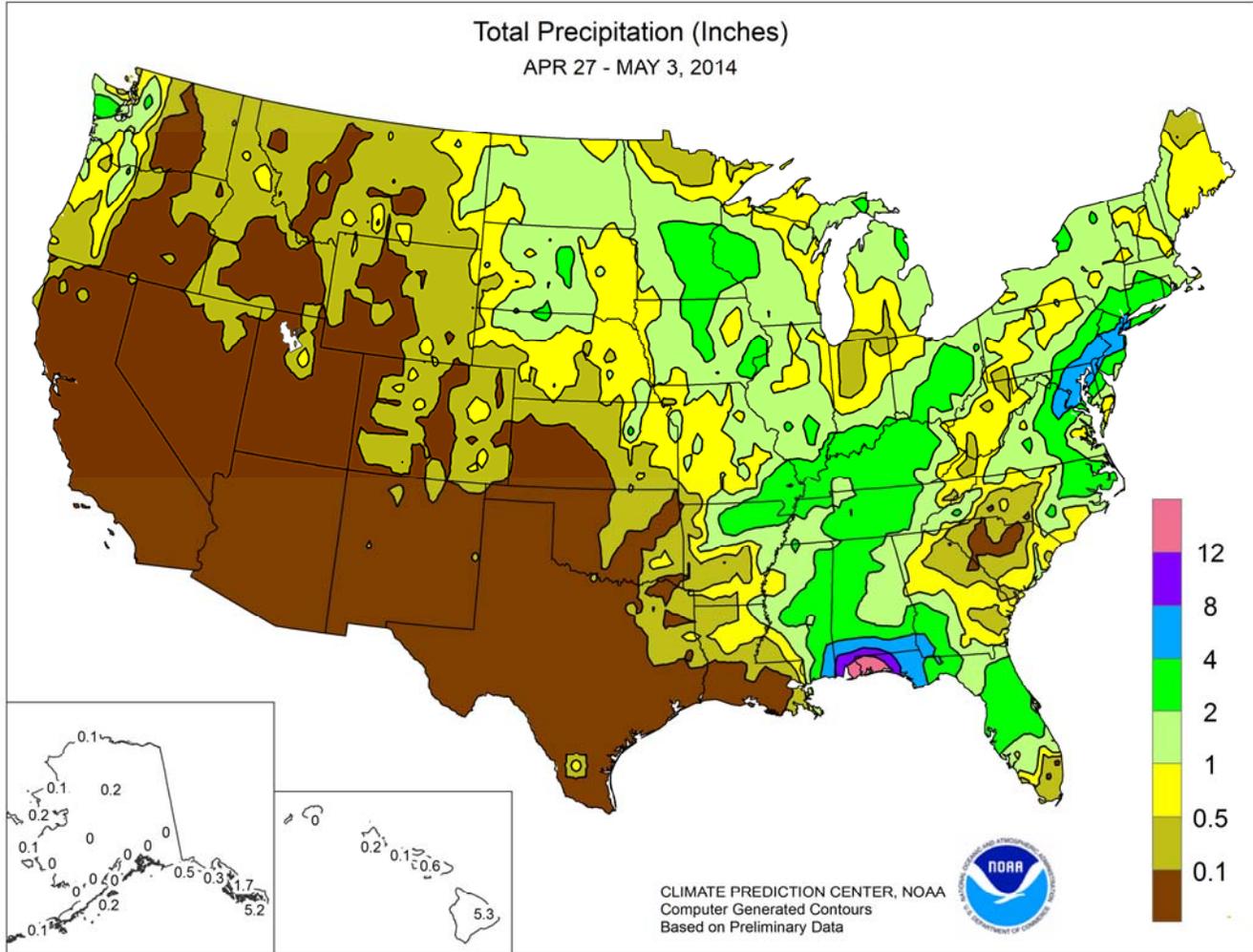


# WEEKLY WEATHER AND CROP BULLETIN



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

### April 27 – May 3, 2014

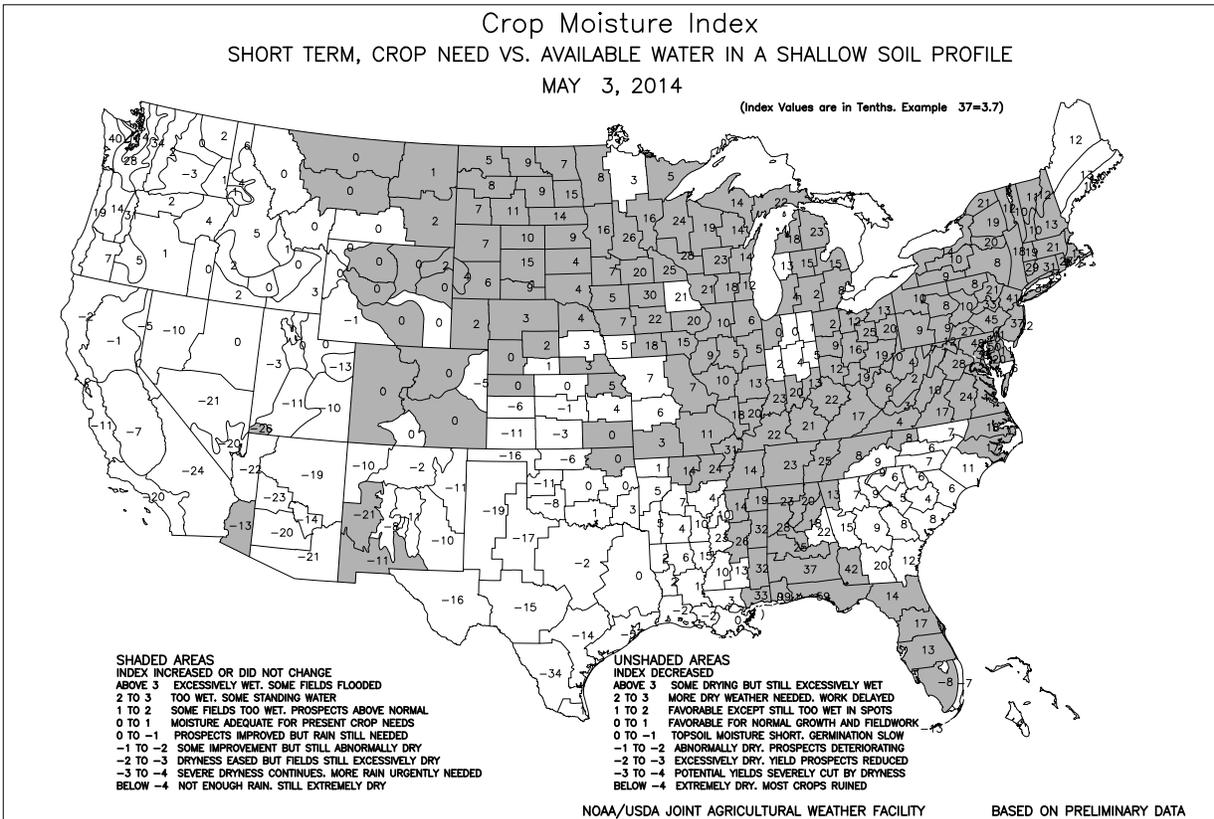
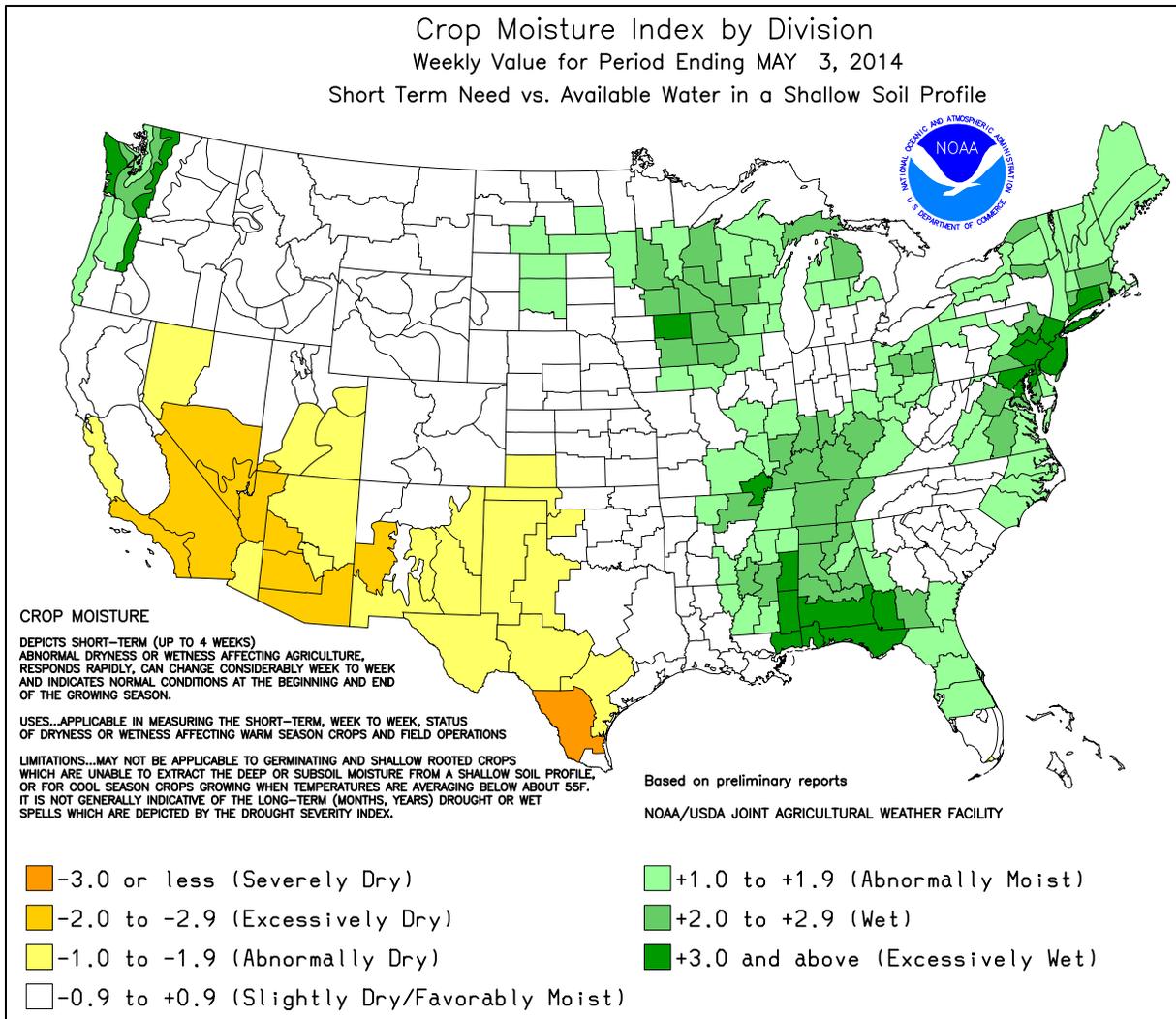
*Highlights provided by USDA/WAOB*

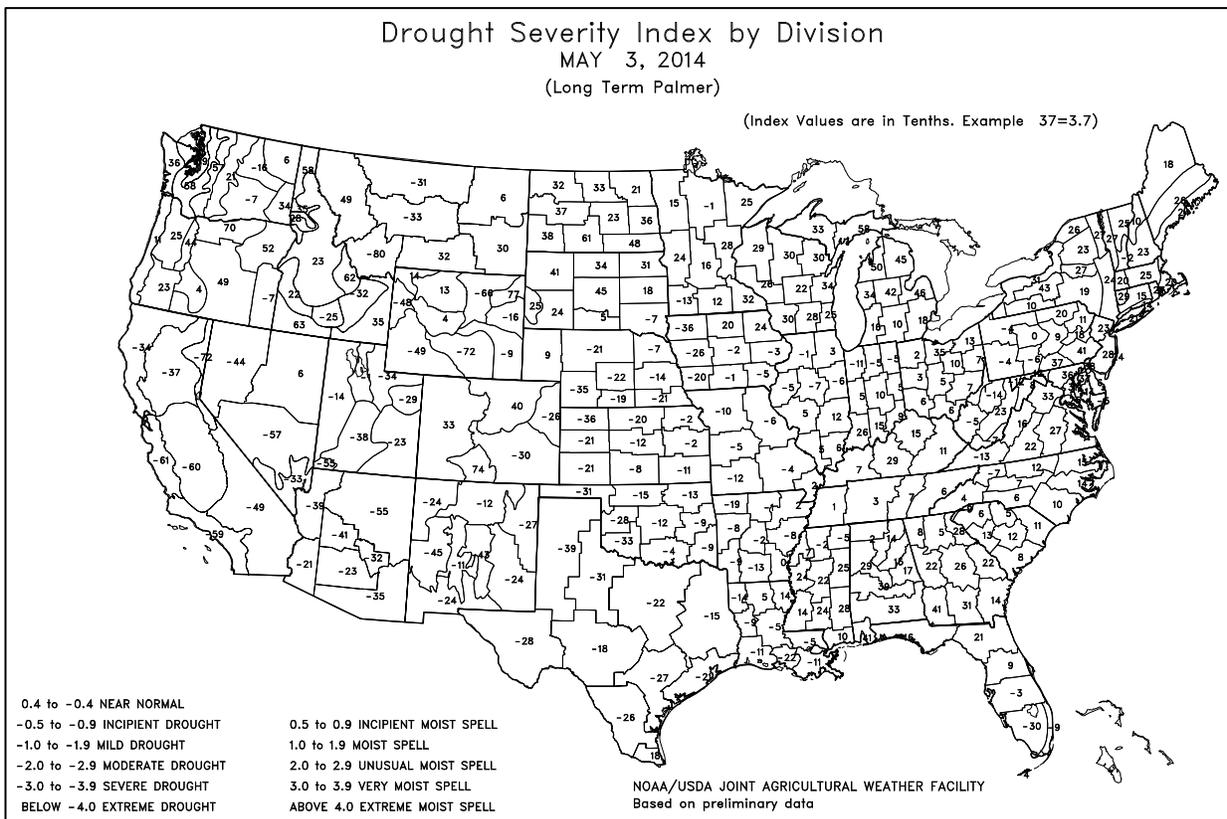
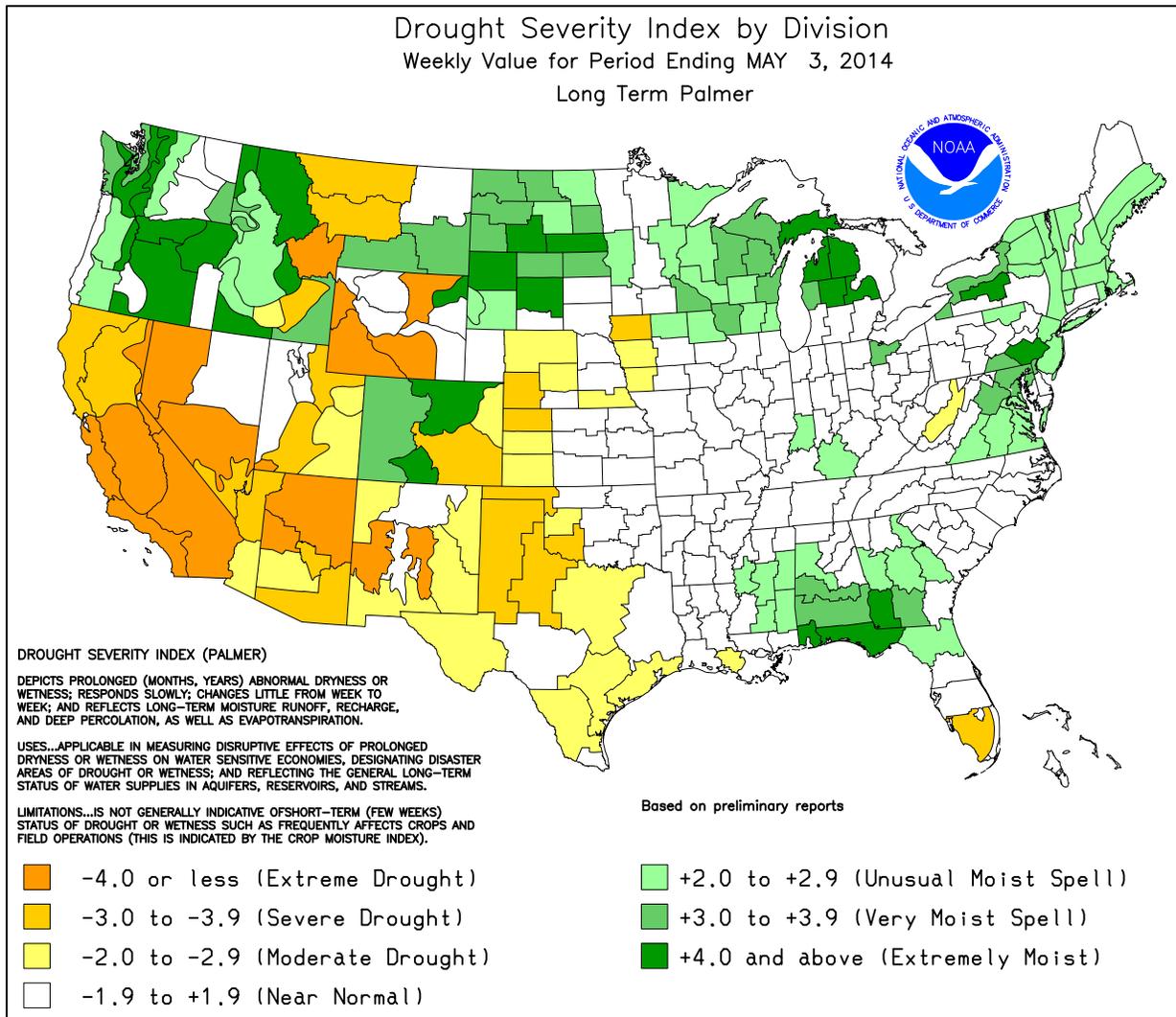
A large, slow-moving storm system spent much of the week drifting from the **upper Midwest into the Great Lakes region**, greatly influencing weather conditions across the majority of the country. The nation's first major severe weather outbreak of the year struck parts of the **South** from April 27-29, resulting in at least 32 tornado-related fatalities. Meanwhile, extremely heavy rain sparked flooding in several sections of the **South and East**, including the **northern Mid-Atlantic States** and parts of the **eastern Gulf Coast region**. Rain was especially

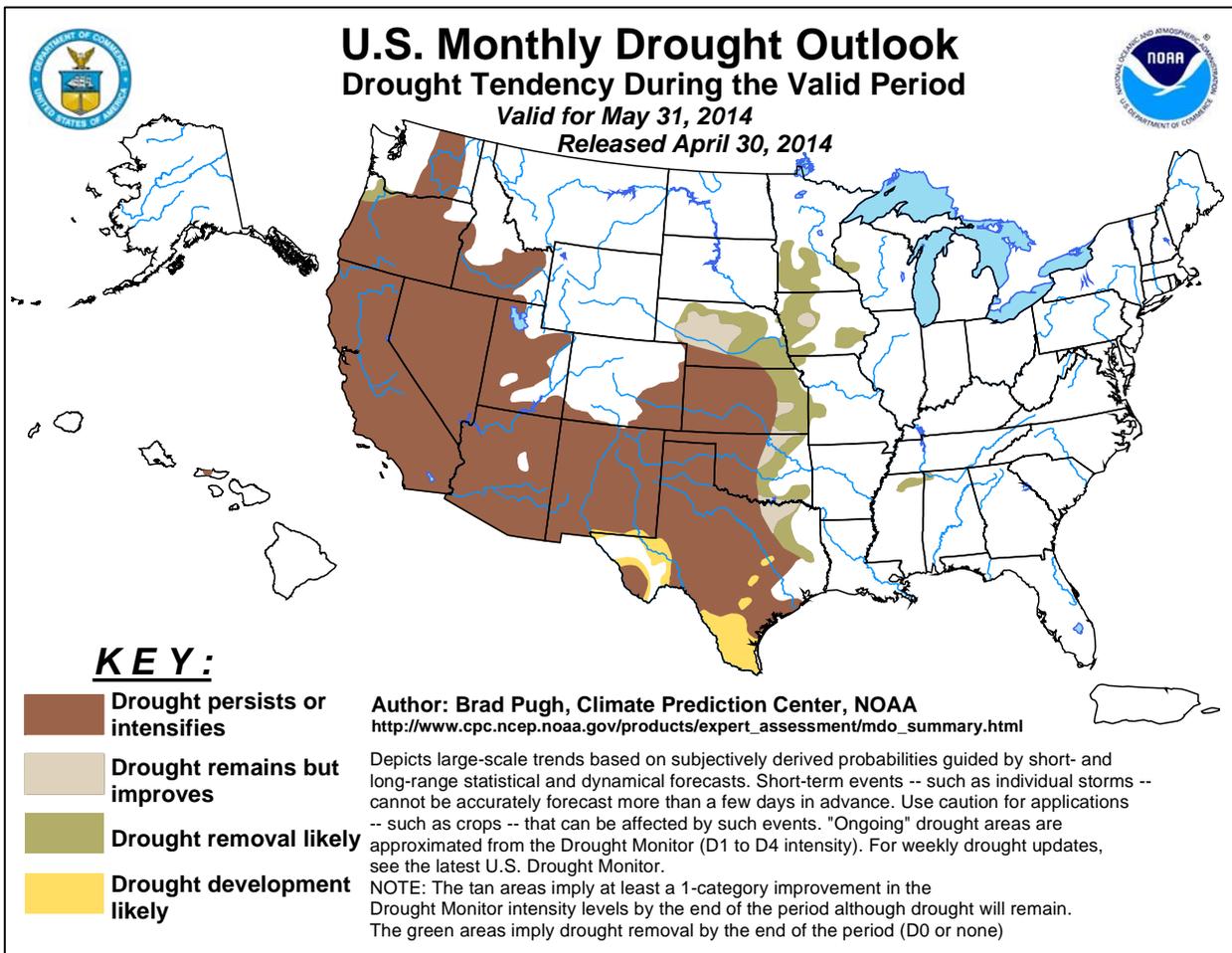
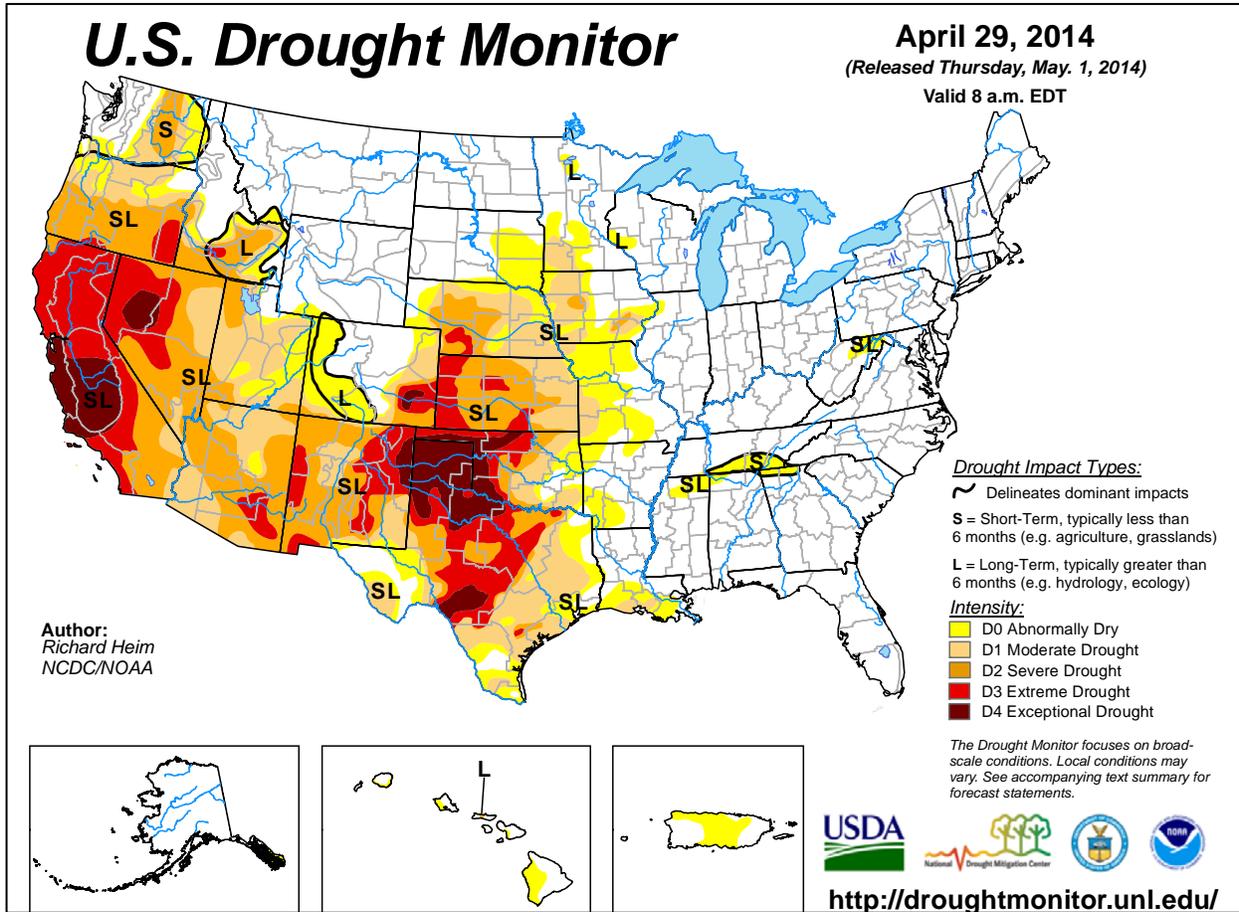
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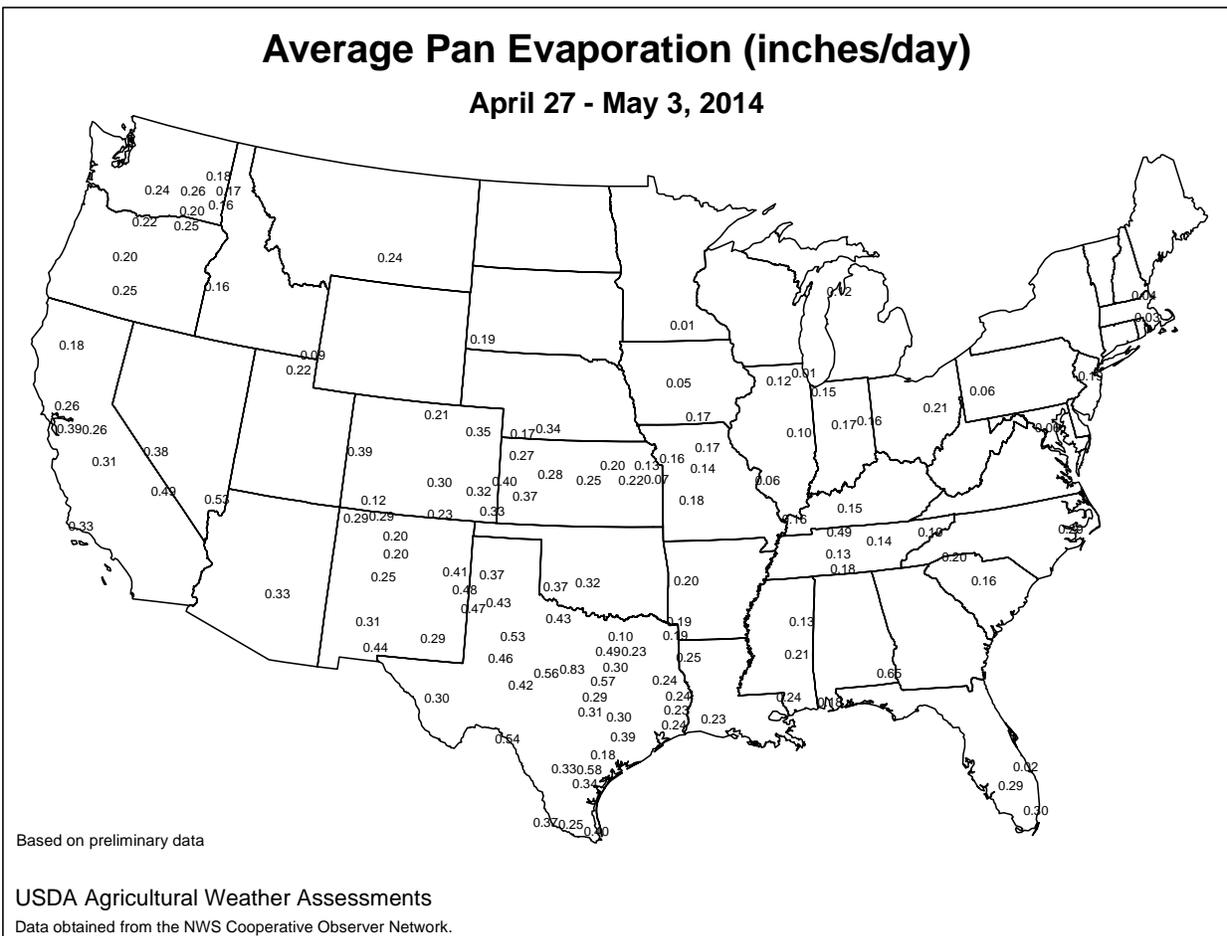
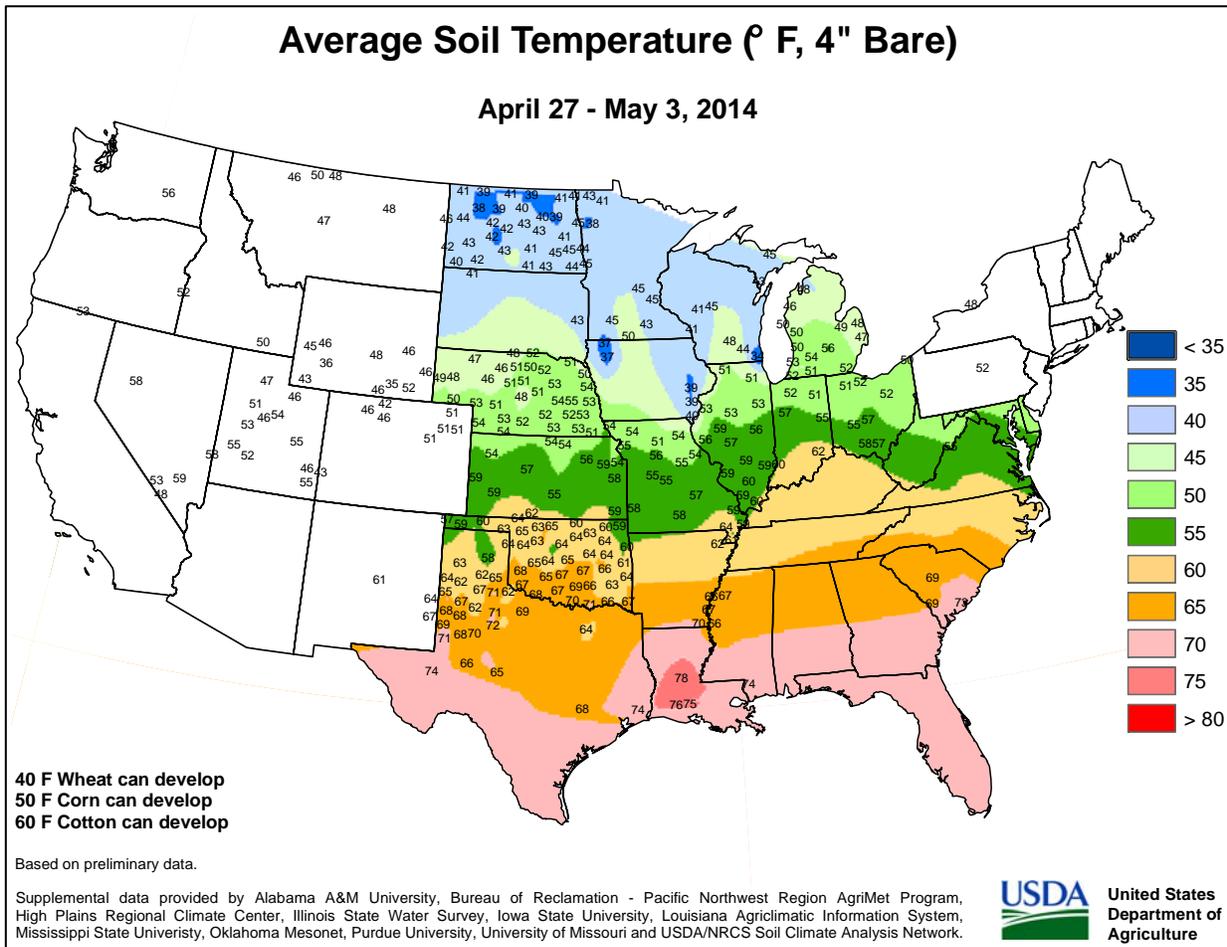
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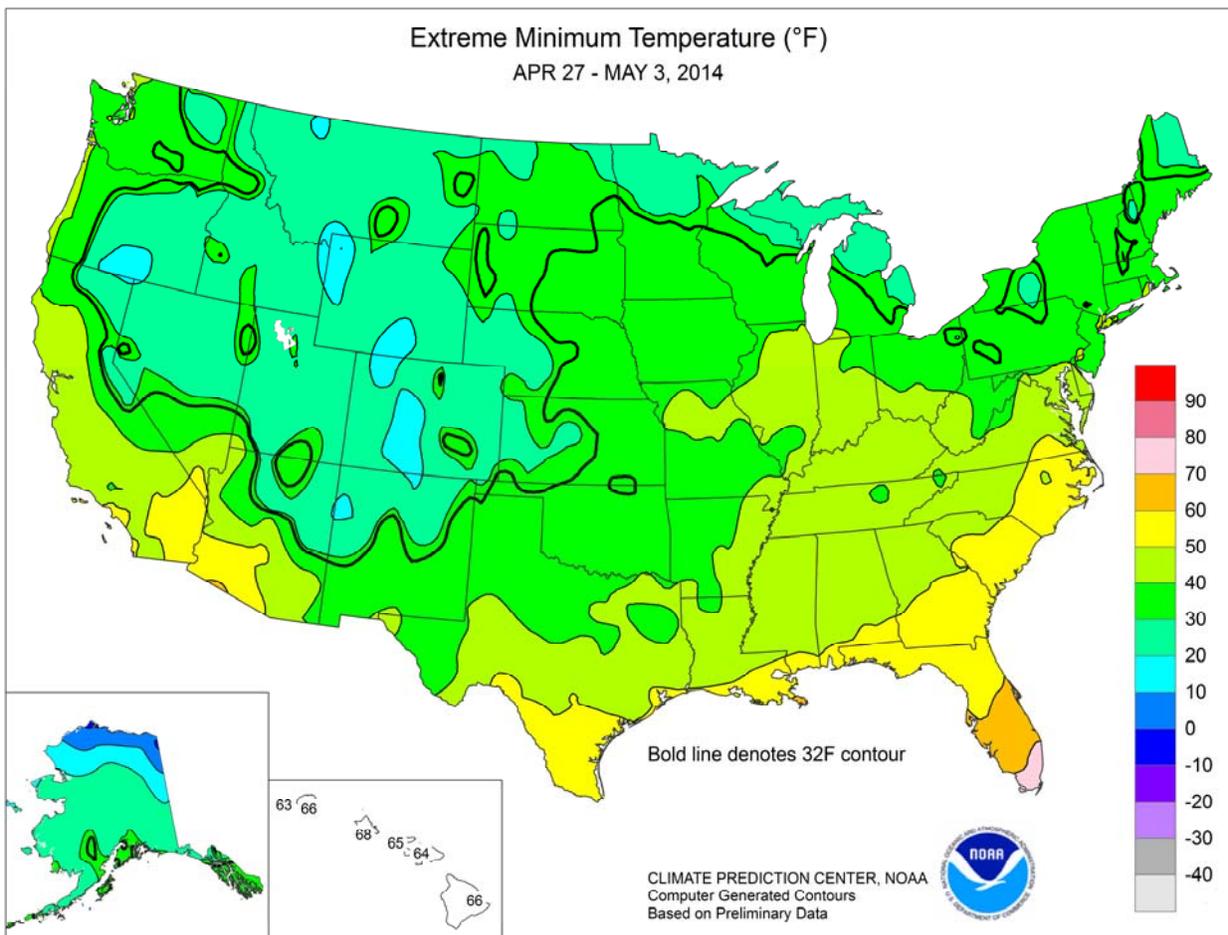
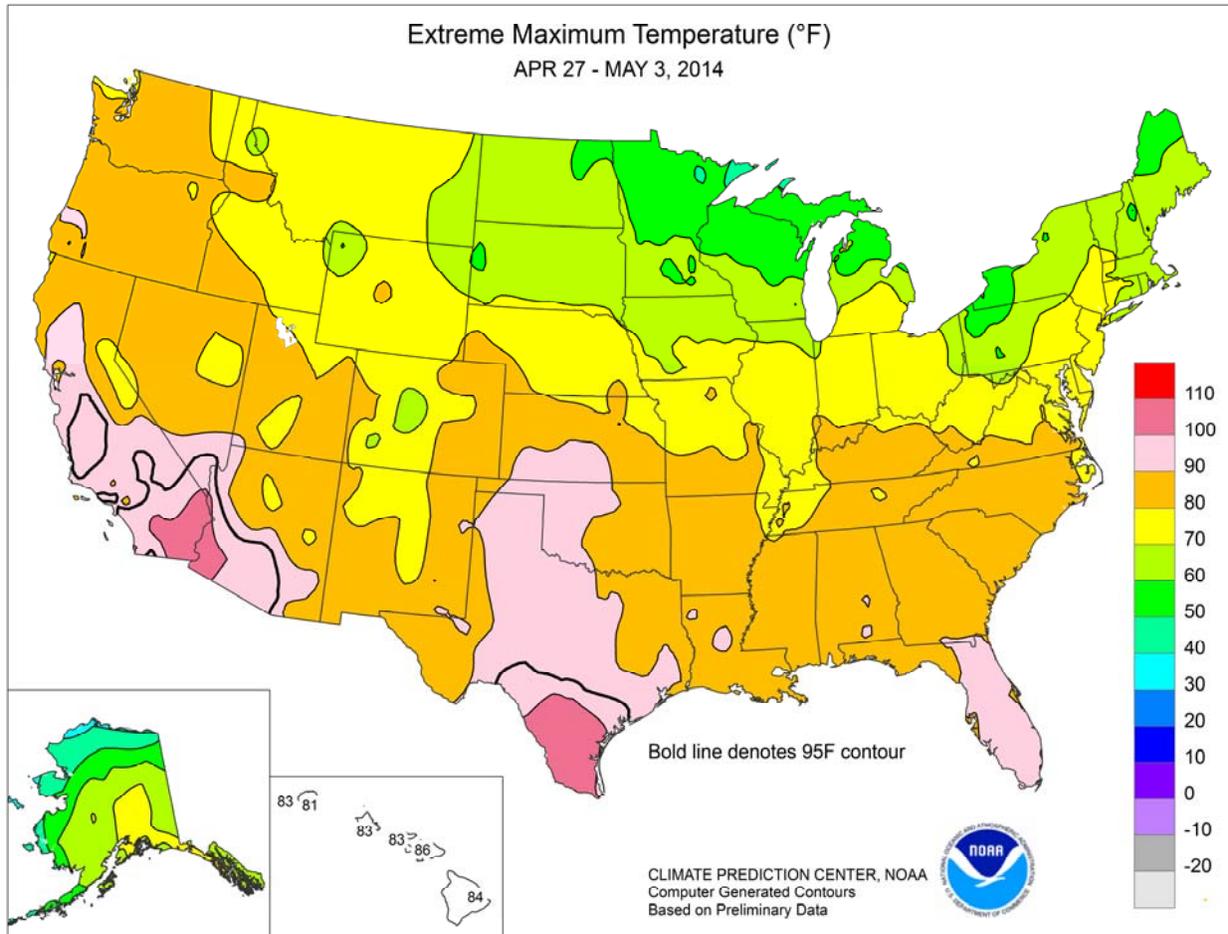
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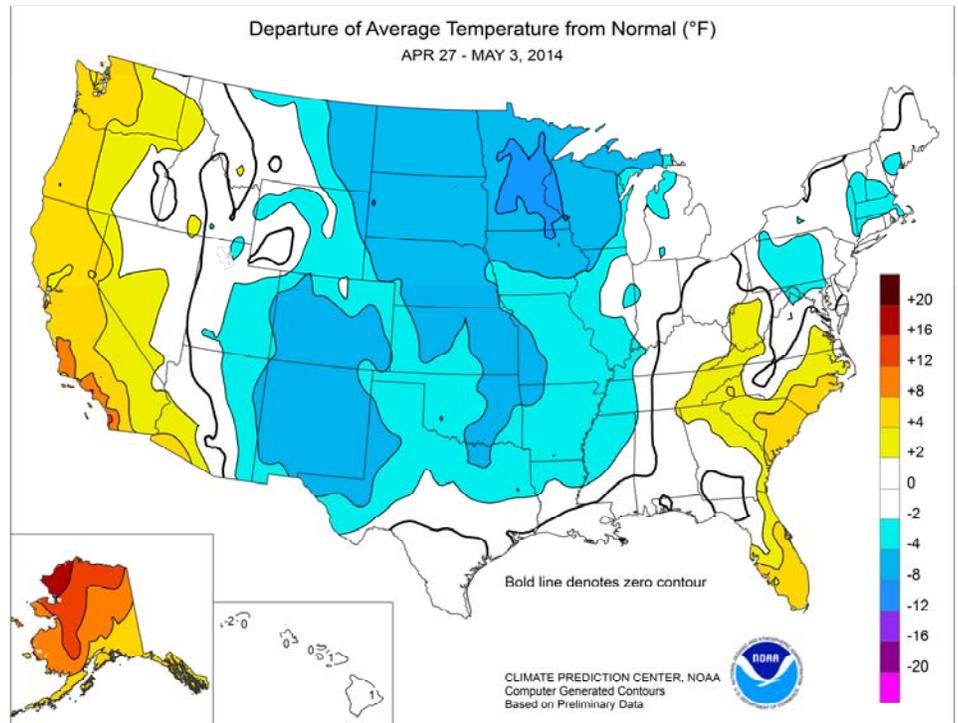






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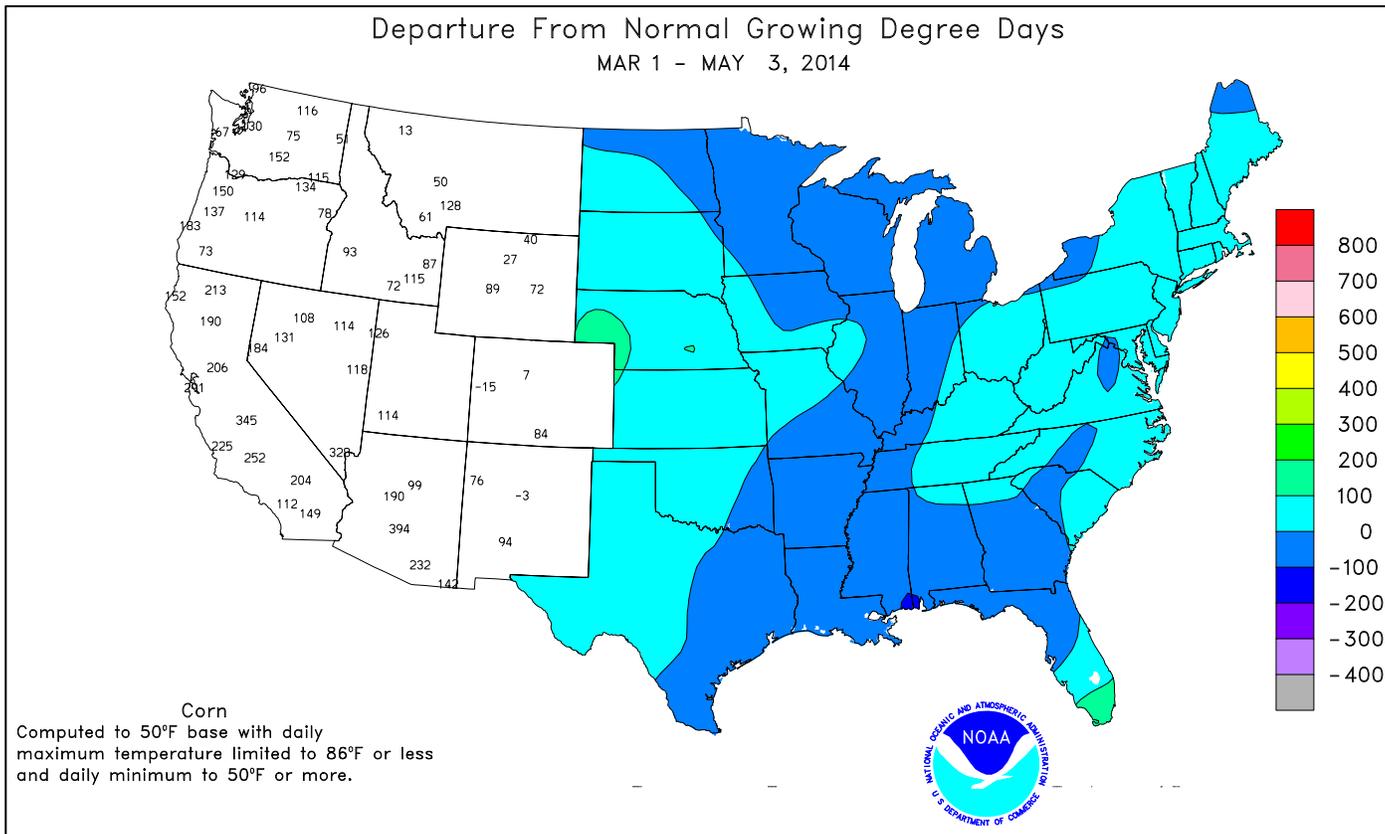
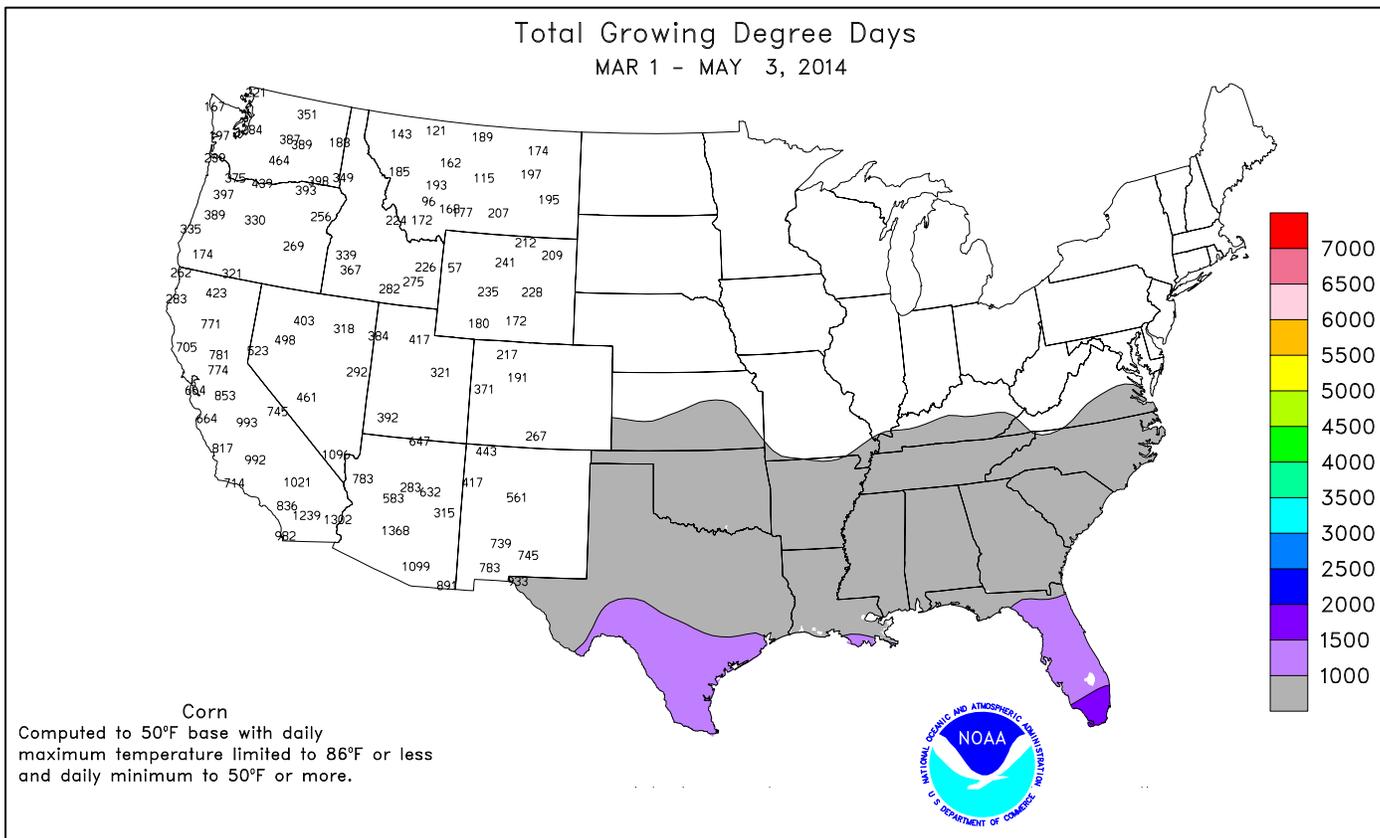
heavy on April 29-30 in **southern Alabama** and **western Florida**, where totals reached 10 to 20 inches or more. Farther north, at least 4 inches of rain drenched portions of the **northern Mid-Atlantic region** and the **Tennessee Valley**. Significant precipitation also occurred in many other regions, generally along and northeast of a line from the **western Dakotas to the mouth of the Mississippi River**. The rain, mixed with snow at times across the **northern Plains** and **northern Corn Belt**, curtailed fieldwork for several days across the **Midwest, Southeast, and Northeast**. In contrast, dry, windy conditions dominated the **southern half of the High Plains**, leading to widespread blowing dust and further reductions in winter wheat yield prospects of a crop already harmed by drought and a mid-April cold snap. Elsewhere, changeable weather in the **West** included early-week rain and snow from the **Pacific Northwest into the Rockies**; a period of cool, dry weather; and a rapid mid- to late-week warming trend in the **Pacific Coast States**.

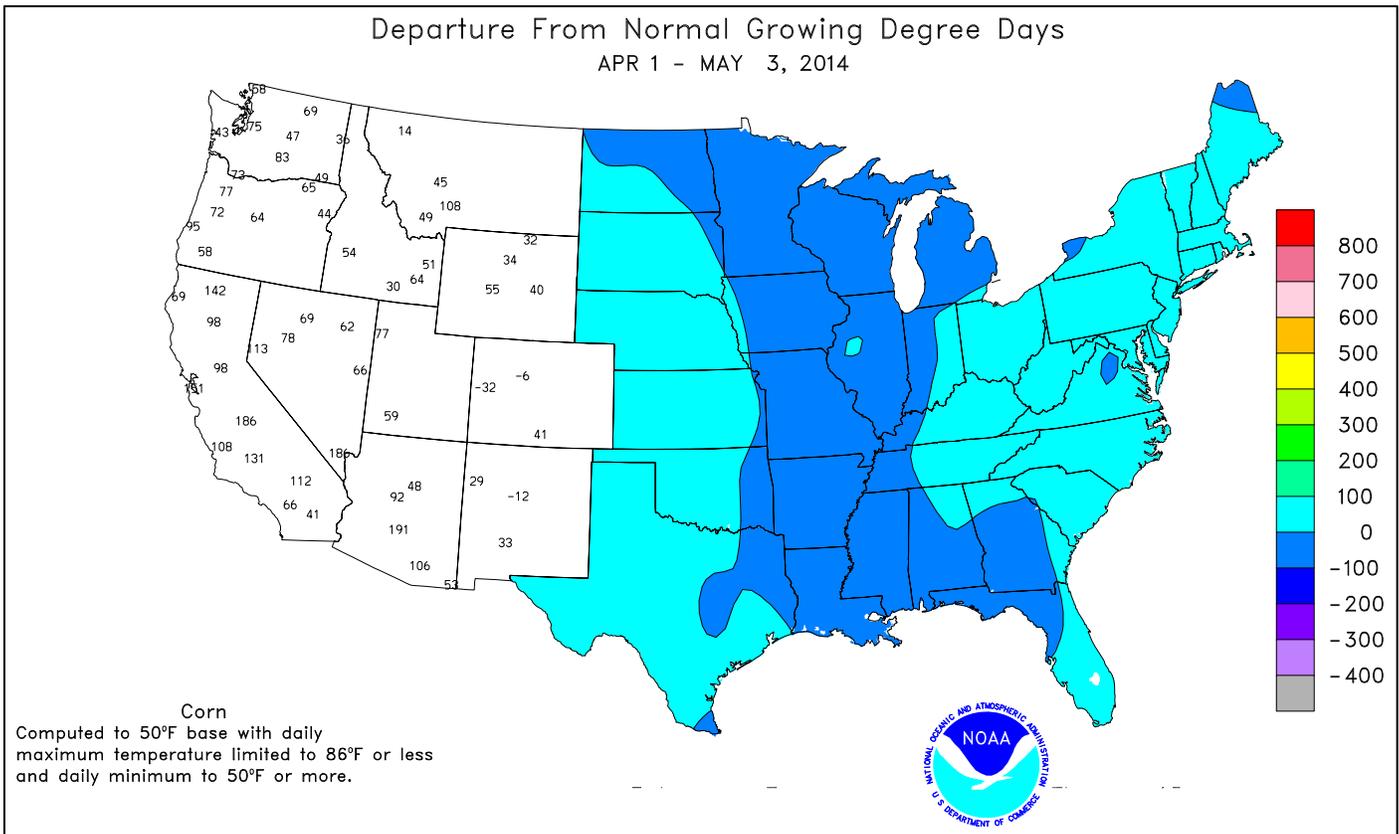
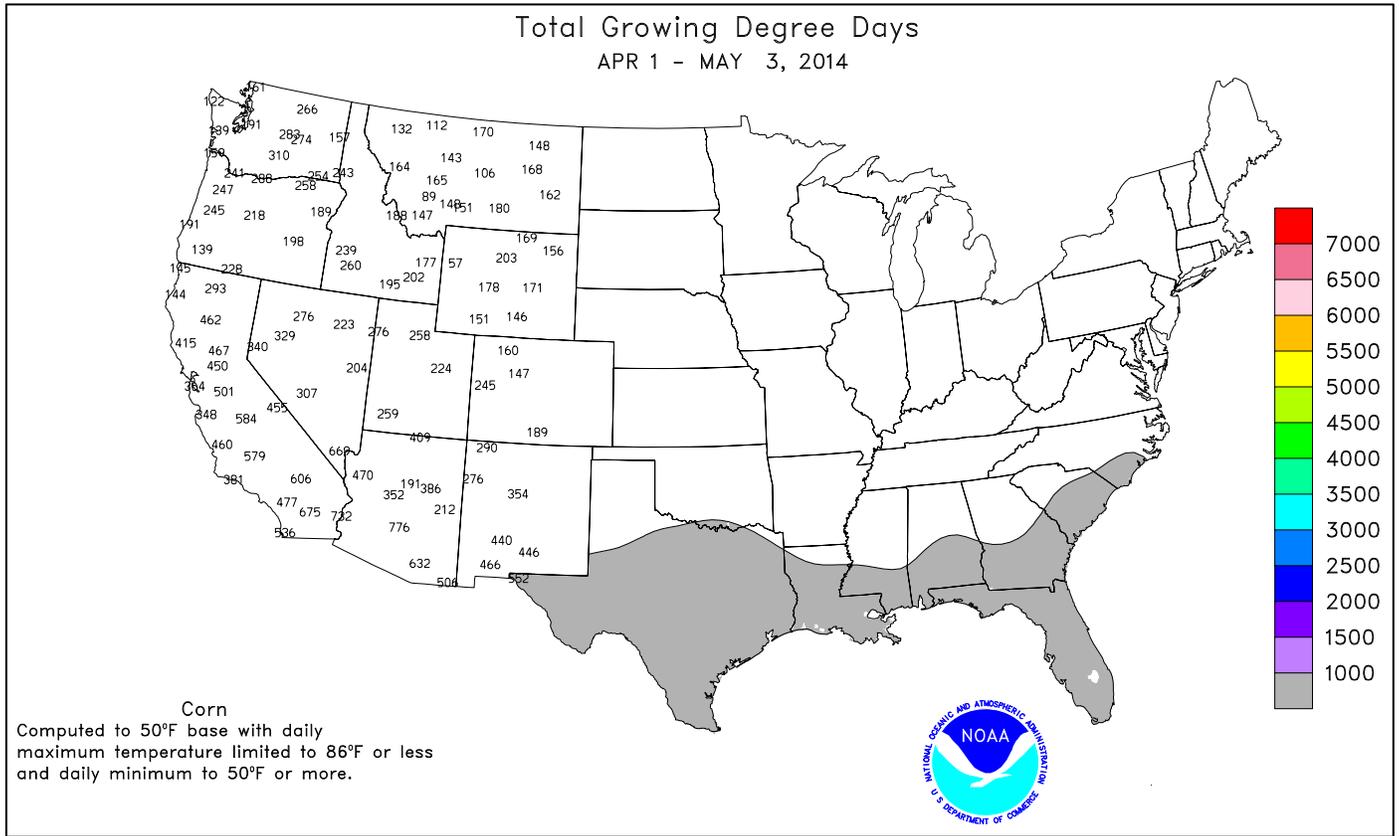


The 3-day severe weather outbreak generated more than 150 tornadoes, according to preliminary reports, a number greater than the January 1 – April 26 total. On April 27-28, tornado-related fatalities were recorded in six states—15 in **Arkansas**, 10 in **Mississippi**, two apiece in **Alabama, Iowa, and Tennessee**, and one in **Oklahoma**—due to seven individual tornadoes. The strongest of the tornadoes, both rated EF4 with estimated winds of more than 180 mph, were those that struck **central Arkansas** (15 deaths in **Vilonia**) on April 27, and **east-central Mississippi** (10 deaths in **Louisville**) on April 28. Overall path lengths for the two EF4 tornadoes were 41.3 miles in **Arkansas** and 34.3 miles in **Mississippi**. Meanwhile, historic rainfall drenched the **eastern Gulf Coast region**. April 29-30 rainfall reached an estimated 20.47 inches in **Pensacola, FL**, and 11.83 inches in **Mobile, AL**. Those totals propelled both cities to April rainfall records: 29.53 inches in **Pensacola** (previously, 24.46 inches in 2005) and 18.09 inches in **Mobile** (previously, 17.69 inches in 1955). For **Pensacola**, it also became the wettest month on record, supplanting 24.46 inches in April 2005. April 30 was a particularly wet day in the **Mid-Atlantic States**, where daily-record totals included 5.24 inches in **Newark, NJ**; 4.97 inches in **New York's Central Park**; 4.42 inches in **Philadelphia, PA**; and 3.99 inches at **Virginia's Dulles Airport**. Heavy rain lingered into early May across **Florida's peninsula**, where record-setting totals for May 2 included 3.38 inches in **Sarasota-Bradenton** and 3.11 inches in **Tampa**. Farther west, the sprawling storm also produced heavy rain in late April across the **northern Plains** and **upper Midwest**. Daily-record amounts for April 27 reached 2.12 inches in **Valentine, NE**, and 1.24 inches in **Mobridge, SD**. The following day, as rain continued in the **north-central U.S.** and spread across the **interior Southeast**, daily-record amounts included 3.19 inches in **Nashville, TN**, and 1.58 inches in **St. Cloud, MN**. Wet snow was also observed in the **north-central U.S.**, where **Marquette, MI**, netted a daily-record total of 4.1 inches on April 29. Farther south, high winds raised dust and lowered visibilities across parts of the **Plains** and **Southwest**. **Clines Corners, NM**, clocked a peak gust to 66 mph on April 27; **Great Bend, KS**, recorded a gust to 62 mph on April 28. At week's end, precipitation associated with a new storm arrived in the **Pacific Northwest**, resulting in daily-record totals for May 3 in **Washington** locations such as **Seattle** (1.31 inches) and **Hoquiam** (1.21 inches).

In advance of a cold front, a heat wave in **southern Texas** led to daily-record highs for April 27 in locations such as **Laredo** (109°F) and **McAllen** (107°F). **Corpus Christi, TX**, closed the month with three consecutive daily-record highs (103, 103, and 99°F). Meanwhile, cool air briefly settled into the **West**, resulting in daily-record lows in **Klamath Falls, OR** (18°F on April 28), and **Randolph, UT** (13°F on April 29). Along the **Pacific Coast**, however, record-setting warmth arrived on April 29 and persisted for much of the week. **San Diego, CA**, notched three consecutive daily-record highs (91, 94, and 95°F) from April 29 – May 1. Elsewhere in **southern California**, **Santa Maria's** string of daily-record highs (94, 98, 96, and 98°F) lasted 4 days, from April 29 – May 2. On the last day of April, daily-record highs topped the 90-degree mark as far north as **Medford, OR** (92°F), and **Salinas, CA** (93°F). In the **Pacific Northwest**, daily-record highs for May 1 included 89°F in **Portland, OR**, and 88°F in **Olympia, WA**. In contrast, cool air settled across the **nation's mid-section** in early May. With a low of 35°F on May 1, **Wichita Falls, TX**, broke a monthly record previously set with lows of 36°F on May 3, 1954; May 12, 1979; and May 3, 2013. Elsewhere, daily-record lows for May 1 dipped to 35°F in **Waco, TX**, and **McAlester, OK**. The following day, record-breaking lows for May 2 in **Kansas** included 28°F in **Russell** and 32°F in **Medicine Lodge**. However, heat quickly returned to the **Plains** by May 3, leading to a daily record-tying high of 91°F in **Dodge City, KS**—a day after the low plunged to 30°F.

Warmth continued to dominate much of **Alaska**, with weekly temperatures averaging at least 10°F above normal at most mainland locations. Daily-record highs were established in several locations, including **Bethel** (59°F on April 27) and **Kotzebue** (45°F on April 28). On May 2, temperatures topped the 70-degree mark for the first time this year in **Fairbanks** (73°F) and **McGrath** (71°F). From May 1-3, **McGrath** opened the month with three consecutive daily-record highs (67, 71, and 69°F). The warmth also extended to **southern Alaska**, where daily-record highs for May 2 reached 73°F in **Yakutat**, 72°F in **Cordova**, and 66°F in **Kodiak**. Farther south, heavy showers returned to some of **Hawaii's** windward locations. On the **Big Island, Hilo's** weekly rainfall of 5.14 inches was aided by a daily-record total of 3.70 inches on May 1. Elsewhere on the **Big Island**, weekly rainfall reached 7.34 inches in **Honokaa** and 6.10 inches in **Laupahoehoe**.





National Weather Data for Selected Cities

Weather Data for the Week Ending May 3, 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	76	56	84	46	66	2	2.12	1.07	0.91	13.60	121	20.53	98	90	43	0	0	4	2	
HUNTSVILLE	75	55	81	47	65	1	3.72	2.69	1.64	10.80	93	20.67	93	89	52	0	0	4	3	
MOBILE	78	61	83	50	70	1	11.24	10.07	11.24	24.59	192	31.70	134	83	63	0	0	1	1	
AK MONTGOMERY	78	58	87	48	68	1	2.21	1.27	1.97	15.68	140	23.35	108	88	52	0	0	3	1	
ANCHORAGE	61	38	69	34	49	8	0.00	-0.11	0.00	0.78	64	2.80	106	69	46	0	0	0	0	
BARROW	29	18	37	-3	24	16	0.06	0.03	0.05	0.41	186	1.25	278	96	81	0	5	2	0	
FAIRBANKS	65	36	73	30	50	10	0.00	-0.04	0.00	0.21	41	0.83	58	66	40	0	2	0	0	
JUNEAU	60	39	68	30	50	6	0.31	-0.42	0.20	6.18	91	18.31	117	74	49	0	1	2	0	
KODIAK	53	38	66	32	46	6	0.19	-1.17	0.12	11.11	98	32.35	128	85	67	0	1	2	0	
NOME	39	31	50	25	35	8	0.23	0.09	0.08	1.03	79	3.20	107	97	88	0	5	5	0	
AZ FLAGSTAFF	60	30	74	24	45	-1	0.00	-0.24	0.00	2.49	62	3.09	35	56	14	0	5	0	0	
PHOENIX	90	65	102	57	78	4	0.00	-0.02	0.00	0.99	74	0.99	34	19	11	3	0	0	0	
PRESCOTT	72	41	84	36	57	4	0.00	-0.16	0.00	0.80	29	0.97	16	38	9	0	0	0	0	
TUCSON	85	54	96	49	70	1	0.00	-0.06	0.00	0.60	54	0.61	20	28	15	2	0	0	0	
AR FORT SMITH	74	48	85	41	61	-4	0.41	-0.61	0.41	6.79	82	8.56	65	83	35	0	0	1	0	
LITTLE ROCK	75	51	83	42	63	-2	0.48	-0.77	0.48	10.24	94	15.80	89	83	32	0	0	1	0	
CA BAKERSFIELD	86	56	94	45	71	5	0.00	-0.03	0.00	0.89	48	1.33	31	57	30	4	0	0	0	
FRESNO	88	57	97	47	72	8	0.00	-0.06	0.00	1.36	46	4.03	56	61	32	4	0	0	0	
LOS ANGELES	83	60	90	53	71	9	0.00	-0.05	0.00	0.65	21	3.44	38	62	33	1	0	0	0	
REDDING	82	50	91	41	66	5	0.01	-0.36	0.01	5.63	73	14.13	72	73	35	2	0	1	0	
SACRAMENTO	83	51	92	45	67	5	0.01	-0.11	0.01	3.63	94	7.92	70	89	24	3	0	1	0	
SAN DIEGO	85	63	95	57	74	11	0.00	-0.04	0.00	1.81	60	2.82	38	56	26	4	0	0	0	
SAN FRANCISCO	76	56	90	52	66	9	0.00	-0.12	0.00	3.57	80	7.35	57	75	56	1	0	0	0	
STOCKTON	84	51	94	45	67	4	0.01	-0.12	0.01	2.72	83	5.80	69	81	43	3	0	1	0	
CO ALAMOSA	59	22	75	16	40	-4	0.05	-0.08	0.05	1.46	138	1.59	105	74	19	0	7	1	0	
CO SPRINGS	61	34	80	29	48	-1	0.02	-0.41	0.02	1.35	47	2.24	64	65	16	0	4	1	0	
DENVER INTL	62	36	80	29	49	0	0.29	-0.13	0.29	2.07	97	3.20	123	65	25	0	2	1	0	
GRAND JUNCTION	62	34	82	25	48	-6	0.08	-0.12	0.08	0.92	47	2.30	75	62	31	0	2	1	0	
PUEBLO	67	38	84	34	52	-2	0.86	0.56	0.85	2.83	120	3.56	121	60	20	0	0	2	1	
CT BRIDGEPORT	61	45	69	40	53	0	4.01	3.13	2.81	12.15	143	19.12	126	83	60	0	0	4	2	
HARTFORD	61	42	71	38	51	-3	2.95	2.04	2.32	11.17	137	18.54	124	80	48	0	0	4	2	
DC WASHINGTON	68	52	77	44	60	0	4.18	3.48	2.63	10.92	163	17.52	140	76	49	0	0	4	2	
DE WILMINGTON	65	48	77	39	56	-1	4.98	4.15	3.70	11.04	143	19.62	140	86	50	0	0	5	2	
FL DAYTONA BEACH	83	67	91	60	75	4	2.45	2.01	0.86	9.40	143	15.98	128	98	64	1	0	5	2	
JACKSONVILLE	81	64	91	56	72	3	1.82	1.19	0.61	12.09	165	21.79	154	98	62	1	0	4	2	
KEY WEST	90	79	109	75	84	6	0.31	-0.18	0.31	4.65	112	12.25	156	80	63	1	0	1	0	
MIAMI	88	77	90	74	83	6	0.29	-0.49	0.29	4.08	65	7.15	70	80	54	1	0	1	0	
ORLANDO	87	69	93	62	78	5	2.94	2.48	1.24	9.81	159	14.85	136	92	60	4	0	4	3	
PENSACOLA	78	64	85	57	71	1	15.55	14.82	15.55	39.31	370	50.64	245	85	61	0	0	1	1	
TALLAHASSEE	77	62	86	55	69	0	4.23	3.53	2.28	23.84	230	31.89	157	89	69	0	0	4	2	
TAMPA	84	71	89	61	78	4	3.50	3.13	3.11	9.38	195	14.33	147	89	64	0	0	2	1	
GA WEST PALM BEACH	89	75	91	71	82	6	0.31	-0.50	0.20	3.76	49	15.23	109	83	55	1	0	2	0	
ATHENS	77	56	85	49	67	3	0.18	-0.55	0.18	7.54	87	16.17	91	82	47	0	0	1	0	
ATLANTA	75	58	84	49	67	2	0.53	-0.29	0.45	9.01	96	16.17	85	80	48	0	0	2	0	
AUGUSTA	79	57	87	49	68	3	0.43	-0.10	0.35	7.23	93	13.44	82	87	53	0	0	2	0	
COLUMBUS	77	59	84	53	68	1	1.26	0.46	0.72	14.70	148	23.02	120	88	49	0	0	2	2	
MACON	77	56	84	49	67	1	1.00	0.39	0.67	11.41	138	19.24	108	96	53	0	0	3	1	
SAVANNAH	82	65	90	57	73	5	0.27	-0.38	0.18	8.39	116	12.50	89	84	57	1	0	2	0	
HI HILO	81	68	84	66	74	1	5.32	2.94	3.69	38.85	139	47.08	101	98	83	0	0	7	2	
HONOLULU	82	70	83	68	76	0	0.16	-0.05	0.08	2.96	96	6.63	81	76	66	0	0	2	0	
KAHULUI	82	68	86	64	75	0	0.55	0.27	0.41	6.51	155	13.16	128	88	73	0	0	5	0	
LIHUE	80	69	81	66	75	1	0.03	-0.65	0.02	2.59	38	12.98	88	85	76	0	0	2	0	
ID BOISE	69	41	83	33	55	1	0.32	0.04	0.32	4.46	159	7.49	141	69	41	0	0	1	0	
LEWISTON	72	43	85	35	58	4	0.01	-0.30	0.01	2.37	93	4.78	103	67	39	0	0	1	0	
POCATELLO	65	33	79	24	49	0	0.03	-0.26	0.03	3.67	136	5.37	111	72	28	0	4	1	0	
IL CHICAGO/O'HARE	57	44	67	42	51	-1	1.35	0.54	0.61	4.65	70	9.95	99	79	65	0	0	5	2	
MOLINE	60	43	74	39	52	-3	1.82	0.94	0.98	4.72	66	8.73	86	84	64	0	0	4	2	
PEORIA	64	47	76	43	56	0	0.84	-0.06	0.46	5.62	83	10.48	105	84	53	0	0	5	0	
ROCKFORD	56	43	68	40	49	-4	0.90	0.05	0.52	4.00	63	7.74	85	85	67	0	0	5	1	
SPRINGFIELD	65	49	78	44	57	0	1.29	0.48	0.68	6.20	90	11.62	113	85	49	0	0	4	2	
IN EVANSVILLE	67	50	81	44	59	-1	2.73	1.64	2.17	13.83	150	17.78	117	84	58	0	0	2	2	
FORT WAYNE	61	43	76	39	52	-2	0.56	-0.25	0.50	5.90	88	11.98	112	89	47	0	0	3	1	
INDIANAPOLIS	64	45	73	40	54	-2	0.76	-0.13	0.64	7.85	106	12.63	102	87	48	0	0	2	1	
SOUTH BEND	61	45	76	41	53	0	0.27	-0.52	0.09	4.12	60	10.06	91	79	56	0	0	6	0	
IA BURLINGTON	65	45	79	39	55	-2	1.46	0.56	1.04	3.95	57	8.41	86	91	50	0	0	3	1	
CEDAR RAPIDS	58	41	69	36	49	-5	1.06	0.29	0.62	4.38	76	6.13	77	95	61	0	0	5	1	
DES MOINES	60	43	72	38	52	-3	1.97	1.09	0.89	5.46	88	7.80	93	81	65	0	0	4	2	
DUBUQUE	53	41	65	36	47	-6	1.73	0.88	1.15	6.04	94	8.52	93	89	76	0	0	5	1	
SIOUX CITY	58	41	70	34	50	-5	0.72	0.01	0.44	2.46	49	3.22	51	89	70	0	0	4	0	
WATERLOO	55	40	68	34	47	-6	1.57	0.77	0.94	8.82	155	11.45	151	90	73	0	0	5	1	
KS CONCORDIA	64	42	79	36	53	-4	0.34	-0.35	0.29	1.53	30	2.72	42	82	50	0	0	3	0	
DODGE CITY	68	39	91	30	53	-5	0.02	-0.54	0.02	1.02	24	1.85	33	63	22	1	2	1	0	
GOODLAND	64	34	86	29	49	-4	0.16	-0.35	0.14	0.79	27	1.73	45	86	34	0	2	2	0	
TOPEKA	66	45	80	39	56	-2	0.73	-0.10	0.51	4										

Weather Data for the Week Ending May 3, 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	
WICHITA	70	43	92	35	57	-2	0.05	-0.61	0.03	1.02	18	2.01	27	76	33	1	0	2	0	
KY JACKSON	71	51	85	43	61	1	2.04	1.06	0.78	10.96	127	18.57	117	84	45	0	0	3	3	
LEXINGTON	69	50	81	43	60	2	3.26	2.35	1.80	8.89	105	15.93	106	82	54	0	0	4	2	
LOUISVILLE	71	52	83	45	62	2	2.21	1.21	1.75	9.23	105	15.39	101	87	45	0	0	4	1	
PADUCAH	69	52	79	42	60	-1	3.46	2.27	1.80	12.13	125	17.31	101	85	50	0	0	3	2	
LA BATON ROUGE	82	62	89	49	72	3	0.02	-1.26	0.02	6.75	60	16.01	71	83	39	0	0	1	0	
LAKE CHARLES	81	60	89	46	71	1	0.04	-0.96	0.04	2.93	38	9.72	59	88	44	0	0	1	0	
NEW ORLEANS	80	65	86	57	73	2	0.14	-0.88	0.13	7.60	71	16.63	75	76	51	0	0	2	0	
SHREVEPORT	80	52	91	41	66	-2	0.13	-0.96	0.13	8.14	90	11.58	65	82	29	1	0	1	0	
ME CARIBOU	52	35	59	28	44	0	0.54	-0.10	0.36	8.35	152	14.57	138	89	50	0	2	3	0	
PORTLAND	56	40	66	39	48	0	1.09	0.16	0.93	7.98	91	16.30	102	88	56	0	0	3	1	
MD BALTIMORE	66	49	79	44	58	1	4.92	4.19	3.00	13.28	183	20.57	150	77	52	0	0	5	2	
MA BOSTON	56	44	69	41	50	-3	1.13	0.37	0.59	8.36	108	15.73	105	80	60	0	0	4	1	
WORCESTER	55	39	66	36	47	-3	2.00	1.11	1.19	10.69	125	17.87	114	92	57	0	0	3	2	
MI ALPENA	51	38	55	26	44	-1	2.44	1.90	1.65	7.36	157	9.89	127	92	59	0	1	5	1	
GRAND RAPIDS	58	43	71	39	50	-1	0.82	0.04	0.46	4.15	65	9.90	99	86	52	0	0	6	0	
HOUGHTON LAKE	53	39	59	29	46	-1	1.54	1.04	0.81	7.50	165	10.50	142	86	69	0	1	5	2	
LANSING	59	42	75	33	50	0	0.58	-0.05	0.21	3.40	60	7.32	84	82	62	0	0	5	0	
MUSKOGON	56	42	63	39	49	-1	0.91	0.25	0.51	4.60	83	9.73	104	77	62	0	0	5	1	
TRAVERSE CITY	56	39	61	28	47	-1	1.11	0.56	0.82	5.80	118	10.25	106	87	49	0	1	6	1	
MN DULUTH	44	34	53	31	39	-6	1.01	0.53	0.54	5.19	130	8.03	135	84	64	0	1	6	1	
INT'L FALLS	47	32	52	28	39	-7	0.39	0.04	0.18	3.11	125	4.88	123	85	53	0	5	4	0	
MINNEAPOLIS	49	39	59	34	44	-9	2.49	1.96	1.12	6.54	149	9.37	150	91	74	0	0	5	3	
ROCHESTER	49	38	61	33	43	-7	1.99	1.25	0.66	7.06	136	9.82	142	87	76	0	0	6	1	
ST. CLOUD	50	39	61	37	45	-5	3.72	3.25	1.88	7.26	190	9.76	188	82	56	0	0	5	2	
MS JACKSON	79	52	87	42	66	0	1.25	-0.06	0.73	17.40	142	24.45	109	92	43	0	0	2	2	
MERIDIAN	79	55	85	45	67	0	4.12	2.91	3.74	19.79	151	29.14	120	92	52	0	0	3	1	
TUPELO	74	53	82	44	64	0	0.74	-0.41	0.64	8.76	75	14.86	69	88	49	0	0	3	1	
MO COLUMBIA	64	47	77	41	56	-2	0.74	-0.33	0.51	9.52	122	11.78	100	81	52	0	0	4	1	
KANSAS CITY	63	45	77	40	54	-4	1.94	0.92	1.72	5.58	89	7.33	84	83	52	0	0	3	1	
SAINT LOUIS	68	53	81	43	61	0	1.74	0.85	1.15	9.94	130	13.09	108	70	49	0	0	2	2	
SPRINGFIELD	65	44	82	35	55	-4	0.55	-0.41	0.53	4.42	52	6.21	48	82	51	0	0	2	1	
MT BILLINGS	59	39	73	35	49	-1	0.20	-0.28	0.20	2.51	82	5.59	126	73	38	0	0	1	0	
BUTTE	57	29	70	22	43	1	0.00	-0.30	0.00	2.60	131	3.46	116	79	26	0	5	0	0	
CUT BANK	57	29	76	17	43	-2	0.16	-0.12	0.13	1.43	91	2.03	90	86	39	0	5	2	0	
GLASGOW	***	***	***	***	***	***	***	***	***	1.21	91	1.56	80	***	***	***	***	***	***	
GREAT FALLS	60	32	75	28	46	0	0.06	-0.35	0.06	3.13	121	5.54	146	83	35	0	4	1	0	
HAVRE	62	33	78	26	47	-2	0.25	0.02	0.22	1.92	114	2.58	102	87	41	0	4	2	0	
MISSOULA	66	34	79	26	50	2	0.09	-0.22	0.08	2.34	107	5.69	142	81	47	0	3	2	0	
NE GRAND ISLAND	62	40	77	36	51	-3	0.26	-0.45	0.25	3.11	63	3.76	61	80	59	0	0	2	0	
LINCOLN	64	46	78	38	55	-1	0.85	0.06	0.48	3.64	67	4.50	66	74	55	0	0	3	0	
NORFOLK	61	41	74	32	51	-3	0.69	0.00	0.49	3.10	64	3.67	59	86	60	0	1	3	0	
NORTH PLATTE	60	33	76	25	46	-6	0.46	-0.13	0.46	1.43	41	2.48	57	84	39	0	2	1	0	
OMAHA	61	45	74	37	53	-3	0.65	-0.17	0.53	2.86	53	3.72	53	83	61	0	0	4	1	
SCOTTSBLUFF	62	34	83	27	48	-2	0.51	0.01	0.51	1.46	46	3.06	71	80	53	0	3	1	1	
VALENTINE	57	35	73	33	46	-5	0.42	-0.18	0.41	1.43	43	2.08	50	88	53	0	0	2	0	
NV ELY	63	29	78	25	46	1	0.00	-0.23	0.00	1.47	71	3.20	90	69	28	0	6	0	0	
LAS VEGAS	85	60	97	52	72	2	0.00	-0.03	0.00	0.00	0	0.30	15	19	11	2	0	0	0	
RENO	75	44	86	35	59	7	0.00	-0.08	0.00	0.39	31	1.46	43	40	17	0	0	0	0	
WINNEMUCCA	72	30	85	23	51	1	0.00	-0.19	0.00	1.64	92	3.24	100	59	24	0	5	0	0	
NH CONCORD	57	37	68	30	47	-2	1.63	0.91	0.81	7.78	121	15.17	129	94	52	0	1	5	2	
NJ NEWARK	65	47	78	42	56	-1	5.39	4.43	5.17	11.70	137	19.42	125	77	49	0	0	5	1	
NM ALBUQUERQUE	67	42	82	38	54	-5	0.00	-0.11	0.00	0.23	20	0.41	20	41	14	0	0	0	0	
NY ALBANY	60	42	73	37	51	-1	0.85	0.11	0.51	5.40	80	11.19	98	86	49	0	0	4	1	
BINGHAMTON	55	40	66	35	48	-1	0.98	0.18	0.46	5.80	85	11.49	97	88	63	0	0	5	0	
BUFFALO	55	43	58	37	49	-1	1.57	0.91	0.94	7.76	123	14.54	122	85	57	0	0	3	1	
ROCHESTER	56	44	60	32	50	0	1.15	0.56	0.72	5.92	106	9.53	96	81	56	0	1	5	1	
SYRACUSE	58	43	62	33	50	0	1.58	0.81	1.02	8.27	123	13.82	121	89	53	0	0	5	1	
NC ASHEVILLE	72	51	81	44	62	5	0.81	0.02	0.40	7.38	87	12.73	78	85	45	0	0	4	0	
CHARLOTTE	78	53	85	46	65	1	0.91	0.25	0.90	11.83	155	18.75	124	86	43	0	0	2	1	
GREENSBORO	73	51	84	49	62	1	0.37	-0.46	0.19	8.66	113	14.88	104	82	48	0	0	2	0	
HATTERAS	73	61	78	55	67	4	2.19	1.52	1.30	12.10	142	22.19	121	88	61	0	0	6	2	
RALEIGH	74	55	84	51	65	3	1.17	0.48	1.12	10.32	145	15.28	105	84	56	0	0	2	1	
WILMINGTON	82	64	88	59	73	7	0.47	-0.27	0.46	11.34	151	16.81	107	89	48	0	0	2	0	
ND BISMARCK	54	35	63	31	45	-4	1.63	1.23	0.72	2.82	113	3.39	98	80	55	0	1	3	2	
DICKINSON	50	34	63	31	42	-6	1.08	0.66	0.59	1.70	65	1.87	55	90	48	0	3	3	1	
FARGO	51	38	63	33	44	-6	2.21	1.85	1.15	4.15	154	5.03	124	84	61	0	0	4	2	
GRAND FORKS	51	36	61	29	43	-6	1.70	1.37	1.30	3.59	158	4.85	137	92	52	0	1	4	1	
JAMESTOWN	50	36	61	32	43	-6	1.97	1.60	0.90	2.67	111	3.06	86	92	60	0	1	4	2	
WILLISTON	54	35	70	31	45	-3	1.28	0.99	0.71	2.03	106	2.47	87	84	61	0	1	3	2	
OH AKRON-CANTON	62	46	72	33	54	2	2.61	1.77	1.16	8.76	127	12.27	105	83	63	0	0	5	2	
CINCINNATI	69	48	77	42	58	0	1.62	0.70	1.12	9.07	110	14.61	105	81	52	0	0	2	2	
CLEVELAND	61	48	77	40	54	2	1.26	0.49	0.75	7.20	108	12.23	107	78	57	0	0	5	1	
COLUMBUS	66	49	78	40	57	1	2.55	1.74	1.38	8.06	124	12.85	115	79	50	0	0	3	2	
DAYTON	66	47	75	40	56	1	1.64	0.70	1.03	8.42	109	13.40	106	82	44	0	0	2	2	
MANSFIELD	60	45	73	35	53	1	2.96	2.00	1.40	9.02	114	13.35	105	92	53	0	0	4	2	

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending May 3, 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	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP	
																		01 INCH OR MORE	50 INCH OR MORE		
OK TOLEDO	60	44	76	36	52	-1	0.89	0.19	0.77	4.72	77	11.90	119	82	55	0	0	3	1		
OK YOUNGSTOWN	58	44	62	29	51	-1	1.90	1.13	0.95	6.94	103	11.63	105	79	60	0	1	5	2		
OK OKLAHOMA CITY	74	47	89	39	60	-3	0.15	-0.74	0.15	2.28	36	2.71	36	64	22	0	0	1	0		
OR TULSA	73	47	88	37	60	-4	0.69	-0.42	0.64	4.51	56	4.96	43	76	43	0	0	2	1		
OR ASTORIA	68	49	84	41	58	8	1.36	0.47	1.01	20.07	158	33.83	112	81	57	0	0	4	1		
OR BURNS	68	28	82	21	48	2	0.03	-0.16	0.03	2.43	112	4.55	102	84	39	0	6	1	0		
OR EUGENE	72	43	88	38	57	5	0.27	-0.42	0.21	8.58	88	19.12	81	89	59	0	0	3	0		
OR MEDFORD	78	45	92	37	62	8	0.08	-0.20	0.08	4.33	132	9.66	123	78	28	2	0	1	0		
OR PENDLETON	72	42	85	33	57	3	0.00	-0.25	0.00	3.28	131	5.63	109	70	34	0	0	0	0		
OR PORTLAND	73	49	89	39	61	8	0.49	-0.06	0.31	10.83	164	18.64	118	80	52	0	0	2	0		
OR SALEM	72	45	88	38	58	6	0.61	0.07	0.31	10.41	145	19.30	107	83	53	0	0	2	0		
PA ALLENTOWN	63	41	75	33	52	-1	3.94	3.06	3.14	9.44	127	18.42	135	81	54	0	0	4	2		
PA ERIE	57	45	61	38	51	0	1.04	0.34	0.62	7.14	105	13.13	113	74	61	0	0	4	1		
PA MIDDLETOWN	63	44	73	40	53	-3	3.52	2.68	2.72	10.00	145	16.71	132	85	49	0	0	5	2		
PA PHILADELPHIA	66	49	79	44	58	1	4.94	4.10	4.14	11.06	144	19.72	142	69	48	0	0	4	2		
PA PITTSBURGH	59	47	63	35	53	-1	1.42	0.70	0.79	6.26	96	10.69	92	86	52	0	0	5	1		
PA WILKES-BARRE	61	43	72	32	52	-1	0.96	0.16	0.60	5.14	81	10.01	92	82	48	0	1	4	1		
PA WILLIAMSPORT	61	40	70	32	51	-2	1.02	0.22	0.64	5.93	84	9.73	78	84	53	0	1	4	1		
RI PROVIDENCE	59	43	70	41	51	-2	2.09	1.23	1.21	13.18	147	21.58	129	79	56	0	0	3	2		
SC BEAUFORT	81	65	89	58	73	5	0.44	-0.05	0.43	8.36	122	12.22	87	88	53	0	0	2	0		
SC CHARLESTON	82	64	87	56	73	6	1.08	0.55	1.08	10.91	156	15.76	111	85	53	0	0	1	1		
SC COLUMBIA	82	61	90	52	72	5	0.02	-0.51	0.01	6.96	89	13.28	82	85	49	1	0	2	0		
SC GREENVILLE	77	54	84	47	65	3	0.18	-0.66	0.18	9.14	99	15.38	86	85	44	0	0	1	0		
SD ABERDEEN	51	35	64	31	43	-8	1.85	1.41	1.28	2.81	84	3.26	75	89	65	0	2	4	2		
SD HURON	56	38	67	35	47	-5	1.25	0.68	1.15	1.90	45	2.47	47	87	53	0	0	3	1		
SD RAPID CITY	52	35	63	33	44	-5	1.73	1.21	1.24	3.37	108	3.84	97	86	60	0	0	3	1		
SD SIOUX FALLS	54	38	65	34	46	-5	0.38	-0.27	0.28	1.86	39	2.85	49	84	70	0	0	3	0		
TN BRISTOL	75	50	84	38	63	5	0.30	-0.53	0.23	4.75	63	9.81	68	88	36	0	0	3	0		
TN CHATTANOOGA	77	55	85	46	66	3	2.47	1.58	1.52	7.86	73	15.45	73	84	47	0	0	4	2		
TN KNOXVILLE	76	52	85	43	64	3	1.76	0.81	0.65	6.81	71	14.87	82	90	42	0	0	4	2		
TN MEMPHIS	71	53	79	44	62	-4	2.57	1.25	2.24	13.49	113	21.61	106	82	46	0	0	2	1		
TN NASHVILLE	74	51	81	43	63	1	3.86	2.89	3.19	11.67	126	19.37	115	92	45	0	0	3	1		
TX ABILENE	81	51	93	38	66	-2	0.00	-0.44	0.00	1.28	39	1.77	33	48	24	1	0	0	0		
TX AMARILLO	72	42	93	35	57	-3	0.00	-0.34	0.00	0.75	29	1.14	30	53	16	1	0	0	0		
TX AUSTIN	85	53	92	45	69	-2	0.00	-0.81	0.00	2.98	59	4.07	46	50	23	3	0	0	0		
TX BEAUMONT	83	59	90	47	71	0	0.04	-0.94	0.02	4.32	54	11.04	65	88	40	1	0	2	0		
TX BROWNSVILLE	89	66	100	53	77	1	0.00	-0.50	0.00	1.74	56	2.50	44	88	46	3	0	0	0		
TX CORPUS CHRISTI	91	64	103	53	78	4	0.13	-0.44	0.06	2.23	55	3.14	42	72	42	4	0	3	0		
TX DEL RIO	88	62	99	57	75	2	0.00	-0.48	0.00	0.40	14	0.62	14	39	15	3	0	0	0		
TX EL PASO	74	52	86	45	63	-5	0.00	-0.06	0.00	0.63	124	0.63	47	33	13	0	0	0	0		
TX FORT WORTH	81	55	91	42	68	0	0.08	-0.87	0.08	3.20	48	3.94	36	59	19	2	0	1	0		
TX GALVESTON	80	66	88	58	73	0	0.00	-0.63	0.00	1.85	33	4.90	40	83	47	0	0	0	0		
TX HOUSTON	83	60	92	48	72	1	0.00	-0.89	0.00	4.01	55	7.36	53	79	34	1	0	0	0		
TX LUBBOCK	75	43	92	38	59	-5	0.00	-0.36	0.00	0.74	33	0.91	27	45	16	1	0	0	0		
TX MIDLAND	77	51	89	45	64	-3	0.00	-0.28	0.00	0.64	50	0.90	38	41	17	0	0	0	0		
TX SAN ANGELO	83	53	94	43	68	0	0.00	-0.52	0.00	0.46	16	0.52	11	38	15	2	0	0	0		
TX SAN ANTONIO	89	60	99	52	75	4	0.00	-0.77	0.00	1.73	36	2.38	29	52	16	3	0	0	0		
TX VICTORIA	87	59	98	50	73	1	0.00	-0.86	0.00	2.00	36	3.67	36	82	40	3	0	0	0		
TX WACO	83	48	91	35	65	-4	0.06	-0.83	0.06	2.64	45	3.40	33	78	28	2	0	1	0		
TX WICHITA FALLS	78	49	92	35	64	-2	0.01	-0.67	0.01	3.72	72	4.07	52	56	18	1	0	1	0		
UT SALT LAKE CITY	65	39	83	32	52	-1	0.29	-0.21	0.29	2.67	64	5.44	79	72	24	0	2	1	0		
VT BURLINGTON	58	42	68	34	50	1	0.78	0.08	0.49	5.67	103	9.94	106	85	52	0	0	5	0		
VA LYNCHBURG	68	48	80	44	58	-1	2.02	1.17	0.92	8.56	112	15.64	109	85	54	0	0	3	3		
VA NORFOLK	70	56	81	49	63	2	0.96	0.18	0.85	8.69	112	14.99	100	86	55	0	0	3	1		
VA RICHMOND	72	55	81	50	63	2	1.06	0.30	0.54	7.30	96	13.61	96	81	53	0	0	3	1		
VA ROANOKE	69	49	86	47	59	0	1.76	0.88	1.16	6.94	89	13.22	93	79	49	0	0	3	2		
WA WASH/DULLES	64	47	76	42	55	-2	5.49	4.71	3.87	11.69	164	18.19	141	86	55	0	0	5	2		
WA OLYMPIA	69	42	88	37	56	6	1.24	0.60	0.79	14.24	156	27.28	119	92	59	0	0	2	1		
WA QUILLAYUTE	66	46	84	39	56	7	1.29	-0.19	0.83	26.65	140	49.22	109	88	65	0	0	4	1		
WA SEATTLE-TACOMA	69	48	85	40	59	7	1.43	0.96	1.16	14.78	226	24.59	155	74	50	0	0	2	1		
WA SPOKANE	66	41	79	32	54	4	0.12	-0.19	0.11	4.03	137	6.85	109	74	32	0	1	2	0		
WA YAKIMA	74	40	85	30	57	5	0.00	-0.08	0.00	1.07	84	2.80	86	68	39	0	1	0	0		
WV BECKLEY	67	48	79	41	58	3	0.71	-0.18	0.54	5.15	69	13.05	96	80	56	0	0	3	1		
WV CHARLESTON	71	53	80	46	62	4	0.89	0.07	0.45	6.70	89	13.76	99	87	44	0	0	3	0		
WV ELKINS	65	44	74	36	55	2	0.87	-0.03	0.36	5.17	66	11.43	79	89	42	0	0	4	0		
WV HUNTINGTON	68	50	79	43	59	0	4.31	3.46	2.48	9.63	128	16.99	123	91	51	0	0	3	3		
WI EAU CLAIRE	48	38	61	36	43	-8	2.42	1.72	0.86	6.72	132	9.91	143	93	67	0	0	5	3		
WI GREEN BAY	51	40	59	35	45	-5	0.94	0.39	0.40	4.80	99	7.59	107	92	66	0	0	5	0		
WI LA CROSSE	51	41	64	38	46	-8	1.64	0.86	0.78	8.53	149	10.89	138	92	65	0	0	6	1		
WI MADISON	53	42	64	40	48	-3	1.22	0.49	0.68	6.44	108	8.33	98	87	74	0	0	6	1		
WI MILWAUKEE	52	42	64	38	47	-3	1.54	0.74	0.91	5.41	81	8.15	80	88	67	0	0	3	2		
WY CASPER	57	31	80	22	44	-2	0.46	-0.02	0.24	2.78	106	4.26	111	85	53	0	5	4	0		
WY CHEYENNE	54	32	77	28	43	-2	0.12	-0.33	0.09	1.37	49	3.53	96	71	44	0	4	3	0		
WY LANDER	61	35	79	27	48	1	0.08	-0.48	0.04	1.87	53	2.67	58	65	22	0	3	2	0		
WY SHERIDAN	56	35	72	27	46	-1	0.19	-0.29	0.10	3.24	109	5.09	118	78	51	0	1	3	0		

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

April 28 – May 4, 2014

Weekly National Agricultural Summary provided by USDA/NASS

### HIGHLIGHTS

**Mostly dry conditions were reported in all areas west of the Rocky Mountains and the southern Great Plains, with those regions generally less than one-half inch of precipitation for the week. Precipitation was more widespread across the eastern U.S., with many locations recording 1 to 4 inches of rain. Below-normal temperatures**

**were seen across most of the nation, with many locations in the northern Great Plains and upper Mississippi Valley recording temperatures more than 6°F below normal. Drought across the southern Great Plains contributed to wildfires across thousands of acres in Oklahoma.**

**Corn:** By May 4, producers had planted 29 percent of this year's corn crop, 18 percentage points ahead of last year but 13 points behind the 5-year average. Planting progress was most rapid in more western locations of the major corn-producing region, including an advance of 24 percentage points to 44 percent complete in Nebraska, and an advance of 19 points to 35 percent complete in Colorado. Many states continued to be hampered by cool, wet soil conditions. Nationally, emergence advanced to 7 percent by May 4, four percentage points ahead of last year but 6 points behind the 5-year average.

**Soybeans:** By week's end, 5 percent of the nation's soybean crop was planted, 3 percentage points ahead of last year but 6 points behind the 5-year average. Planting was most advanced in the lower Mississippi Valley; however, progress remains behind normal nearly nationwide, with only Louisiana and Nebraska at or ahead of the 5-year average.

**Winter Wheat:** Heading of the winter wheat crop advanced to 29 percent by May 4, ten percentage points ahead of last year but 6 points behind the 5-year average. Heading was most rapid in southern portions of the wheat-producing region, with Arkansas, North Carolina and Oklahoma advancing more than 30 percentage points for the week. There were continued reports of declining winter wheat condition and signs of freeze damage on the Southern Plains. In Texas, producers baled freeze-damaged wheat, while in South Texas and the Coastal Bend region, wheat harvest rapidly approached. Overall, 31 percent of the winter wheat crop was reported in good to excellent condition, down 2 percentage points from last week and slightly below the same time last year.

**Cotton:** Nationally, 16 percent of this year's cotton crop was planted by week's end, slightly behind last year and 9 percentage points behind the 5-year average. The lack of sufficient subsoil moisture delayed cotton planting in parts of Texas. In Georgia, producers have planted 7 percent of their crop, 11 percentage points behind the 5-year average.

**Rice:** Producers had planted 57 percent of this year's rice crop by May 4, four percentage points ahead of last year but 8 points behind the 5-year average. More favorable planting conditions led to rapid planting progress in the lower

Mississippi Valley, with progress advancing 27 percentage points to 51 percent complete in Mississippi, and 17 points to 64 percent complete in Arkansas. Nationwide, emergence advanced to 39 percent complete by week's end, 5 percentage points ahead of last year but 8 points behind the 5-year average.

**Sorghum:** By week's end, 28 percent of the sorghum crop was planted, equal to last year and slightly behind the 5-year average. While planting has begun in all major sorghum-producing states, major progress remains limited to Arkansas, Louisiana and Texas.

**Other Small Grains:** By May 4, oat producers had sown 40 percent of the nation's crop, 16 percentage points behind last year and 31 points behind the 5-year average. Nationally, 19 percent of the oat crop had emerged by week's end, 19 percentage points behind last year and 34 points behind the 5-year average.

Forty-six percent of this year's barley crop was seeded by May 4, four percentage points ahead of last year and 2 points ahead of the 5-year average. Seeding in Minnesota and North Dakota was underway, but well behind normal, due the normal pace due to lingering unfavorable weather conditions. Nationwide, 17 percent of the barley crop had emerged by week's end, 4 percentage points ahead of last year and slightly ahead of the 5-year average.

By week's end, producers had sown 26 percent of the spring wheat crop, 5 percentage points ahead of last year but 15 points behind the 5-year average. Nationally, 7 percent of the spring wheat crop had emerged by May 4, two percentage points ahead of last year but 10 points behind the 5-year average.

**Other Crops:** Producers had planted 14 percent of this year's peanut crop by week's end, 4 percentage points ahead of last year but slightly behind the 5-year average.

By May 4, sugarbeet producers had planted 23 percent of the nation's crop, equal to last year but 33 percentage points behind the 5-year average. Continuing unfavorable planting conditions in the Great Lakes region have caused planting progress in those States to be well behind normal.

## Crop Progress and Condition

### Week Ending May 4, 2014

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

Corn Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
CO	11	16	35	30
IL	6	32	43	41
IN	7	8	20	34
IA	7	15	23	50
KS	16	37	52	46
KY	31	32	39	52
MI	4	1	3	23
MN	2	4	8	46
MO	21	47	63	51
NE	12	20	44	45
NC	87	60	75	91
ND	1	0	0	19
OH	6	4	9	32
PA	26	2	8	25
SD	6	11	25	23
TN	55	53	68	70
TX	70	64	73	76
WI	3	1	2	23
18 Sts	11	19	29	42
These 18 States planted 91% of last year's corn acreage.				

Corn Percent Emerged				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
CO	0	0	1	3
IL	0	2	8	21
IN	0	0	2	15
IA	0	0	1	10
KS	2	11	19	17
KY	11	7	15	34
MI	0	0	0	3
MN	0	0	0	5
MO	12	10	29	27
NE	0	2	7	7
NC	67	32	55	67
ND	0	0	0	1
OH	0	0	0	7
PA	1	0	0	4
SD	0	0	1	2
TN	28	12	35	47
TX	61	55	58	63
WI	0	0	0	1
18 Sts	3	3	7	13
These 18 States planted 91% of last year's corn acreage.				

Soybeans Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
AR	13	16	24	29
IL	0	2	3	7
IN	0	1	3	14
IA	0	0	1	8
KS	0	1	4	5
KY	1	1	2	8
LA	37	55	69	48
MI	0	0	1	8
MN	0	0	0	10
MS	14	24	36	50
MO	0	0	4	6
NE	1	6	11	11
NC	2	0	3	8
ND	0	0	0	2
OH	1	1	3	12
SD	0	0	1	2
TN	1	2	5	7
WI	0	0	1	4
18 Sts	2	3	5	11
These 18 States planted 95% of last year's soybean acreage.				

Winter Wheat Percent Headed				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
AR	71	17	49	88
CA	94	90	95	95
CO	0	1	2	6
ID	0	0	0	0
IL	0	0	2	26
IN	1	1	2	13
KS	3	4	15	29
MI	0	0	0	0
MO	11	0	5	37
MT	0	0	0	0
NE	0	0	0	4
NC	69	20	63	82
OH	0	0	0	2
OK	39	45	81	74
OR	2	2	7	1
SD	0	0	0	1
TX	52	50	59	68
WA	0	0	0	0
18 Sts	19	18	29	35
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	32	51	13
CA	0	5	15	25	55
CO	20	17	32	28	3
ID	0	1	12	71	16
IL	2	7	31	44	16
IN	1	5	31	52	11
KS	18	29	36	16	1
MI	5	13	40	36	6
MO	2	9	43	40	6
MT	1	5	31	46	17
NE	3	16	35	42	4
NC	1	7	23	58	11
OH	2	7	41	43	7
OK	40	33	21	6	0
OR	1	6	42	42	9
SD	0	3	33	62	2
TX	31	33	23	12	1
WA	3	15	42	37	3
18 Sts	17	21	31	26	5
Prev Wk	14	20	33	28	5
Prev Yr	19	20	29	27	5

Cotton Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
AL	24	12	14	27
AZ	82	65	70	72
AR	5	5	17	29
CA	89	95	95	84
GA	16	4	7	18
KS	0	1	6	2
LA	14	17	47	54
MS	2	4	17	31
MO	2	4	8	18
NC	12	3	7	25
OK	2	3	4	6
SC	13	6	23	20
TN	1	3	6	8
TX	16	15	16	22
VA	1	0	0	21
15 Sts	17	13	16	25
These 15 States planted 98% of last year's cotton acreage.				

**Crop Progress and Condition**

**Week Ending May 4, 2014**

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

Sorghum Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
AR	47	36	48	70
CO	0	2	6	4
IL	0	7	7	9
KS	0	0	1	2
LA	80	93	96	82
MO	2	1	7	8
NE	0	2	3	3
NM	2	6	8	7
OK	6	4	14	12
SD	0	0	1	1
TX	65	67	68	66
11 Sts	28	27	28	29
These 11 States planted 98% of last year's sorghum acreage.				

Oats Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
IA	64	68	73	89
MN	8	9	12	57
NE	82	92	94	91
ND	8	3	6	23
OH	65	43	53	71
PA	85	38	51	73
SD	48	60	67	61
TX	100	100	100	100
WI	16	13	18	59
9 Sts	56	34	40	71
These 9 States planted 65% of last year's oat acreage.				

Oats Percent Emerged				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
IA	21	24	38	61
MN	0	0	4	32
NE	36	61	70	62
ND	0	0	0	7
OH	29	14	26	41
PA	47	15	26	43
SD	8	16	25	31
TX	100	100	100	100
WI	0	1	6	31
9 Sts	38	12	19	53
These 9 States planted 65% of last year's oat acreage.				

Peanuts Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
AL	3	12	14	11
FL	27	10	25	28
GA	9	6	13	12
NC	8	2	5	13
OK	15	7	34	18
SC	4	6	23	10
TX	5	2	7	21
VA	9	0	0	7
8 Sts	10	7	14	15
These 8 States planted 96% of last year's peanut acreage.				

Rice Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
AR	47	47	64	69
CA	36	8	12	23
LA	92	87	93	92
MS	14	24	51	67
MO	62	45	55	63
TX	97	79	85	94
6 Sts	53	45	57	65
These 6 States planted 100% of last year's rice acreage.				

Rice Percent Emerged				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
AR	23	20	41	49
CA	18	0	3	5
LA	82	71	83	81
MS	10	14	27	51
MO	38	7	17	40
TX	86	66	75	80
6 Sts	34	25	39	47
These 6 States planted 100% of last year's rice acreage.				

Spring Wheat Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
ID	80	93	95	73
MN	2	2	4	45
MT	30	19	37	41
ND	6	3	5	28
SD	41	42	59	64
WA	93	77	92	81
6 Sts	21	18	26	41
These 6 States planted 99% of last year's spring wheat acreage.				

Spring Wheat Percent Emerged				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
ID	41	55	66	37
MN	0	0	0	27
MT	1	0	1	8
ND	0	0	0	10
SD	4	6	11	34
WA	65	37	60	52
6 Sts	5	5	7	17
These 6 States planted 99% of last year's spring wheat acreage.				

Sugarbeets Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
ID	97	74	93	92
MI	28	7	26	69
MN	3	2	2	46
ND	0	5	6	41
4 Sts	23	16	23	56
These 4 States planted 85% of last year's sugarbeet acreage.				

**Crop Progress and Condition**

**Week Ending May 4, 2014**

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

Barley Percent Planted				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
ID	80	81	87	68
MN	1	2	2	43
MT	60	26	54	51
ND	2	2	3	22
WA	85	60	81	70
5 Sts	42	33	46	44
These 5 States planted 77% of last year's barley acreage.				

Barley Percent Emerged				
	Prev Year	Prev Week	May 4 2014	5-Yr Avg
ID	39	40	58	32
MN	0	0	0	25
MT	5	0	2	13
ND	0	0	0	6
WA	55	24	41	37
5 Sts	13	11	17	16
These 5 States planted 77% of last year's barley acreage.				

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

Pasture and Range Condition by Percent												
Week Ending May 4, 2014												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	1	3	33	46	17		NH	10	20	40	30	0
AZ	21	31	30	17	1		NJ	12	13	30	43	2
AR	1	8	35	48	8		NM	30	43	23	4	0
CA	15	45	30	10	0		NY	13	18	45	22	2
CO	13	33	28	25	1		NC	1	8	34	52	5
CT	10	20	40	30	0		ND	4	6	37	49	4
DE	3	5	24	26	42		OH	1	8	33	52	6
FL	1	7	40	47	5		OK	16	23	40	20	1
GA	1	5	40	45	9		OR	2	23	36	38	1
ID	1	2	23	62	12		PA	6	14	46	27	7
IL	1	6	37	43	13		RI	10	20	40	30	0
IN	2	7	28	53	10		SC	0	5	31	63	1
IA	7	17	41	31	4		SD	0	4	47	45	4
KS	12	21	43	23	1		TN	1	6	29	57	7
KY	3	8	27	49	13		TX	16	23	35	23	3
LA	0	13	39	44	4		UT	0	7	41	48	4
ME	10	20	40	30	0		VT	10	20	40	30	0
MD	0	3	15	70	12		VA	3	10	40	41	6
MA	10	20	40	30	0		WA	0	5	48	42	5
MI	9	18	38	30	5		WV	2	11	39	45	3
MN	3	6	51	39	1		WI	14	12	40	31	3
MS	1	7	31	50	11		WY	1	10	22	62	5
MO	3	12	50	32	3		48 Sts	7	15	39	35	4
MT	2	16	44	35	3							
NE	13	15	46	25	1		Prev Wk	NA	NA	NA	NA	NA
NV	25	30	30	15	0		Prev Yr	15	21	32	27	5

## 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 2.2. Topsoil moisture 0% very short, 0% short, 53% adequate, and 47% surplus. Subsoil moisture 0% very short, 1% short, 58% adequate, and 41% surplus. Corn planted 84%, 73% last week, 80% 2013, and 87% five year average. Corn emerged 69%, 57% last week, 53% 2013, and 68% five year average. Corn condition 0% very poor, 0% poor, 28% fair, 64% good, and 8% excellent. Soybeans planted 11%, 9% last week, 5% 2013, and 11% five year average. Soybeans emerged 5%, NA% last week, 1% 2013, and 2% five year average. Winter Wheat Headed 81%, 51% last week, 64% 2013, and 75% five year average. Winter wheat condition 1% very poor, 3% poor, 21% fair, 62% good, and 13% excellent. Livestock condition 1% very poor, 2% poor, 26% fair, 56% good, and 15% excellent. Pasture and range condition 1% very poor, 3% poor, 33% fair, 46% good, and 17% excellent. The week's average mean temperatures ranged from 63.5 F in Haleyville to 69.2 F in Mobile; total precipitation ranged from 0.65 inches in Haleyville to 11.83 inches in Mobile. Storms moved through the state early in the week which resulted in excess rainfall, hail, tornados, and flooding. Heavier rainfall was received in South Alabama where water was still standing in many low lying areas. Replanting of some field was likely. Marginal progress on fieldwork was reported at the end of the week. Warmer temperatures were still needed to spur pasture growth. Cattle and other livestock were reported in mostly good condition.

**ALASKA:** Days suitable for fieldwork 6.0. Topsoil moisture 85% adequate, 15% surplus. Subsoil moisture 5% short, 85% adequate, 10% surplus. Hay supplies 20% very short, 30% short, 50% adequate. Livestock condition 10% fair, 70% good, 20% excellent. Conditions have been warm and dry this spring, however, little fieldwork has actually been done as farmers wait for fields to dry out and warm up. Some fertilizer was applied to hay and pasture.

**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 70 percent complete, 12 and 2 percentage points behind last year, and the 5-year average with conditions at mostly good to excellent. Conditions for cotton were 28% fair, 37% good, and 35% excellent. Arizona's alfalfa condition was rated in very poor 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, and 95 percent emerged, 10 and 4 percentage points ahead of last year and the 5-year average. Durum Wheat conditions are mostly good to excellent, with 80 percent headed, behind last year at 85 percent and the 5-year average at 91 percent. Winter Wheat conditions are very poor to excellent, depending on location, and 70 percent of the crop is headed, same as last year and ahead of the 5-year average at 68 percent. This week there were 7 days suitable for field work. Green vegetable harvest is slowing down. Dairy operations are working 7 days a week with warm weather favorable for milking cows. Extremely dry conditions exist throughout the State, as temperatures are rising and no moisture is received. Range and Pastures were rated in very poor to good condition, depending on location with conditions 21% very poor, 31% poor, 30% fair, 17% good and 1% excellent.

**ARKANSAS:** Days suitable for fieldwork 4.0. Topsoil moisture 0% very short, 6% short, 69% adequate, 25% surplus. Subsoil moisture 1% very short, 10% short, 73% adequate, 16% surplus. Corn reached 84% planted, 74% last week, 84% last year, 92% 5-year average; 66% emerged, 39% last week, 69% last year, 82% 5-year average. Winter wheat reached 49% headed, 17% last week, 71% last year, 88% 5-year average. Winter wheat condition 0% very poor, 4% poor, 32% fair, 51% good, and 13% excellent. Pasture condition 1% very poor, 8% poor, 35% fair, 48% good, 8% excellent. Livestock condition 0% very poor, 4% poor, 30% fair, 56% good, and 10% excellent. Most of the state received rainfall during last week. Producers continued to plant crops as weather permitted.

**CALIFORNIA:** Days suitable for field work 6 days. Topsoil moisture 15% short, 29% short, 34% adequate, and 2% surplus. Subsoil moisture 15% very short, 37% short, 27% adequate, and 2% surplus. A dry and warm weather pattern dominated for much of this week as a high pressure ridge settled over the West Coast. A warming trend progressed through the most of the week, bringing above normal temperatures. The warmest temperatures occurred on Thursday, as the high pressure reached its peak across the State. Daytime highs hit the 90s across much of interior and southern portions of the State. In addition, a strong Santa Ana wind episode developed across the southern part of the State from Tuesday through Thursday, resulting in very dry conditions across the areas in question, with critical fire weather conditions developing in that part of the State. The high pressure ridge finally began to shift eastward by the weekend, with temperatures starting to cool slightly on Saturday, and the cooling continued on Sunday as a low pressure system off the coast of the Pacific Northwest began to approach the northern coast of the State. A few showers fell across the extreme north coast region, but the rest of the State remained very dry for the entire week. Cotton progress continues on track, with this warm weather, plants are growing really well. No mites reported in cotton. Alfalfa second cuttings are continuing. Like cotton, alfalfa is reported clean as far as pests go. Corn planting continues throughout the State. Apricot harvest began, while cherry, peach, and nectarine harvests increased. Fruit thinning continued on stone fruit trees, as fruit size increased. Reflective foil was placed in stone fruit orchards to increase fruit color. Plum and prune fruit increased in size. Pomegranate trees continued to bloom and develop fruit. Apple trees were starting to develop fruit. Grapes continued leaf out and elongate vines; bunches were developing. Grape growers trained vines and applied fertilizer and sulfur to vineyards. Kiwi vines continued to grow; flower clusters were forming. Grape and kiwi growers were stripping interior leaves to allow more sunlight in. Strawberry and blueberry harvest remained active. Olive bloom continued. Bloom was nearly over for citrus trees. Nets were in place over mandarin trees to prevent pollination from bees. Navel and Valencia orange harvests remained active. Pistachio growers were removing suckers and spraying orchards with insecticides. Almond nuts were in the middle of kernel fill. Nuts continued to develop on walnut trees. In Stanislaus County, growers planted tomato transplants and broccoli. Garlic has been growing well and is nearly ready to be harvested. Radish, onions, fava beans, parsley, and other vegetables were harvested for farmers markets. In Monterey County the lettuce, spinach and Brassica harvests are nearly complete. In Fresno County, spring lettuce harvest ended and lettuce for seed production was planted.

Carrots were harvested and the new fields were growing nicely. Asparagus harvest was ongoing. Processing tomatoes have established a root system and were beginning to set fruit. Onion, garlic and garbanzo beans grew in size. Melon planting began. In Tulare County, eggplant, cucumbers, Italian squash, peppers, tomatoes, and onions continued to grow well with the warmer weather. In Kings County, tomatoes were growing well with limited reports of problems such as curly top or spotted wilt virus. Supplemental feeding of livestock continues. Range and pasture conditions are rated poor to very poor, with grass stunted and some creeks dry. With the current migration of cattle being shipped out of the State due to drought conditions, many more of the mature cows and heifers are also being moved.

**COLORADO:** Days suitable for field work 5.5 days. Topsoil moisture 19% very short, 41% short, 40% adequate. Subsoil moisture 25% very short, 33% short, 42% adequate. Spring barley seeded 81% this week, 61% last week, 73% last year, 75% average; emerged 41% this week, 29% last week, 38% last year, 41% average. Spring wheat seeded 58% this week, 44% last week, 58% last year, 63% average; emerged 30% this week, 19% last week, 32% last year, 29% average. Winter wheat jointed 35% this week, 24% last week, 16% last year, 55% average; headed 2% this week, 1% last week, none last year, 3% average; condition 20% very poor, 17% poor, 32% fair, 28% good, 3% excellent. Dry onions planted 72% this week, 68% last week, 69% last year, 84% average. Corn planted 35% this week, 16% last week, 11% last year, 30% average; emerged 1% this week, none last week, none last year, 3% average. Potatoes fall outside SLV planted 50% this week, 33% last week, 27% last year, 36% average; emerged 10% this week, 1% last week, 1% last year, 6% average. Sorghum planted 6% this week, 2% last week, none last year, 4% average. Sugarbeets planted 62% this week, 45% last week, 19% last year, 54% average; headed 12% this week, 4% last week, 1% last year, 9% average. Livestock condition 0% very poor, 3% poor, 27% fair, 64% good, 6% excellent. Pasture and range conditions 13% very poor, 33% poor, 28% fair, 25% good, 1% excellent. Calving and lambing 94% and 91% completed, respectively. Statewide, mountain snowpack is 92% of average as of May 5. Dry conditions with high winds last week depleted surface soil moisture across the state while snowpack at higher elevations was being reduced at a quickened pace. Varying levels of success were achieved in planting activities, with gains ranging from significant to modest. As temperatures have steadily climbed, germination of planted crops has increased, although more precipitation is needed to maintain acceptable crop conditions and growth rates.

**DELAWARE:** Days suitable for fieldwork 3. Subsoil moisture; 0% very short, 0% short, 87% adequate and 13% surplus. Topsoil moisture; 0% very short, 1% short, 85% adequate and 14% surplus. Barley condition; 1% very poor, 2% poor, 12% fair, 81% good, 4% excellent. Pasture and Range Condition; 3% very poor, 5% poor, 24% fair, 26% good, and 42% excellent. Wheat conditions; 1% very poor, 4% poor, 14% fair, 77% good, 4% excellent. Apples Full Bloom; 43% this year, 82% last year, 79% five year average. Barley Headed; 20% this year, 80% last year, 73% five year average. Corn Planted; 25% this year, 52% last year, 52% five year average. Green peas planted; 50% this year, 98% last year, 91% five year average. Peaches Full Bloom; 56% this year, 88% last year, 91% five year average. Potatoes planted; 61% this year, 92% last year, 81% five year average. Strawberries Full Bloom; 33% this year, 87% last year, 89% five year average. Sweet Corn Planted; 13% this year, 21% last year, 27% five year average. Winter Wheat Headed; 8% this year, 11% last year, 39% five year average. Hay and Roughage Supplies; 1% very short, 21% short, 78% adequate and 0% surplus. Field activities for the week include plowing, planting, and applying fertilizer.

**FLORIDA:** Days suitable for field work; 5. Topsoil moisture 14% short, 75% adequate, 11% surplus. Subsoil moisture 2% very short, 11% short, 77% adequate, 10% surplus. Peanuts planted reported at 25%, behind last year's 27 percent and the 5-year average of 28 percent. Governor Rick Scott declared a state of emergency due to excessive rain for Escambia, Santa Rosa, Okaloosa, Walton, Holmes, Washington, Bay, Jackson, Calhoun, Gulf, Liberty, Franklin, Gadsden, Leon, Wakulla, Jefferson, Madison, Taylor, Hamilton, Suwannee, Lafayette, Dixie, Columbia, Gilchrist, Levy, and Alachua counties. Planting of field crops three to four weeks behind schedule. Charlotte, Collier, Glades, Hendry, Lee counties, watermelon harvest increased. Blueberries harvested in Marion County showing lower yields this season. Miami-Dade County planting, boniato, malanga, okra, bitter melon; harvesting boniato, bitter melon, green beans, yellow squash, malanga, okra, tomatoes, zucchini. Farmers irrigating in Miami-Dade County. Vegetables, fruits coming to market in southwest; blueberries, collards, cucumbers, eggplant, herbs, kale, lettuce, peppers, snap beans, squash, tomatoes, watermelons, specialty items. Pasture condition 1% very poor, 7% poor, 40% fair, 47% good, 5% excellent. Cattle condition 3% poor, 32% fair, 60% good, 5% excellent. Pastures remain wet in Panhandle. Pasture quality in southwest Florida have improved markedly with rains. Cattle condition primarily good, pasture condition fair to good. All stations in citrus region received rain. Okeechobee (Okeechobee County) received most at 4.59 inches. Rainfall beneficial, trees showing new growth. Next season's crop progressing well; oranges marble size or bigger, grapefruit slightly larger. Hedging, topping, complete in most areas. Nutritional and post bloom sprays being applied, fertilizing, irrigating, resetting trees continued. Processing plants primarily running Valencia oranges. Packinghouses finished for season, some taking late oranges. Grapefruit harvest winding down.

**GEORGIA:** Days suitable for fieldwork 3.1. Topsoil moisture 0% very short, 3% short, 55% adequate, 42% surplus. Subsoil moisture 0% very short, 3% short, 58% adequate, 39% surplus. Range and pasture condition 1% very poor, 5% poor, 40% fair, 45% good, 9% excellent. Blueberry condition 0% very poor, 0% poor, 14% fair, 69% good, 17% excellent. Blueberries harvested 2%, 10% 2013. Corn condition 1% very poor, 8% poor, 33% fair, 56% good, 2% excellent. Corn planted 93%, 95% 2013. Oat condition 0% very poor, 6% poor, 44% fair, 46% good, 4% excellent. Oats harvested 2%, 6% 2013. Onion condition 0% very poor, 4% poor, 25% fair, 42% good, 29% excellent. Onions harvested 31%, 25% 2013. Peach condition 0% very poor, 2% poor, 10% fair, 88% good, 0% excellent. Rye condition 1% very poor, 4% poor, 44% fair, 46% good, 5% excellent. Rye Harvested 3%, 3% 2013. Sorghum planted 33%, 7% 2013. Soybeans planted 3%, 3% 2013. Tobacco condition 1% very poor, 3% poor, 39% fair, 52% good, 5% excellent. Tobacco transplanted 86%, 96% 2013. Watermelon condition 0% very poor, 6% poor, 39% fair, 53% good, 2% excellent. Watermelons planted 96%, 95% 2013. Winter wheat harvested 6%, 3% 2013. Winter wheat condition 1% very poor, 3% poor, 31% fair, 57% good, 8% excellent. Precipitation estimates for the state ranged from .1 inches to 4.2 inches. Average high temperatures ranged from the high 70s to the mid 80s. Average low temperatures ranged from the high 40s to the low 60s.

**HAWAII:** Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 34% short, 66% adequate, 0% surplus. This week marks the first time since June 2008 where the severe drought category (D2) has been completely removed from the State of Hawaii. On April 29, the U.S. Drought Monitor reported that 33.96 percent of the State was abnormally dry or drier, up 16.61 percentage points from the previous week. Windward areas of the Big Island received precipitation throughout most of the week. Rainfall levels peaked mid-week when a record 3.70 inches fell in a 24-hour period in Hilo. The old record of 2.11 inches of rainfall

was set in 1970. Areas along the Hamakua coast also received heavy downpours of several inches overnight on May 1, 2014. Most streams were flowing at above average levels mid-week. Despite the precipitation, pastures in the South Kohala and leeward North Kohala districts have already started to dry out because of the strong trade winds, and coffee growers indicated dry conditions over the Kona slopes. On Maui, the trade winds have calmed down from the previous week; however, they continue to bring showers along the northeast facing areas of the islands. In the northeast areas of Maui, pastures are green and able to provide green forage for livestock. Pastures along the south and southwest areas of Maui have not received precipitation for several weeks and are not showing any new growth. Some of these pastures are drying out and declining in condition.

**IDAHO:** Days suitable for field work 6.3 days. Topsoil moisture 0% very short, 16% short, 83% adequate, 1% surplus. Subsoil moisture 3% very short, 10% short, 86% adequate, 1% surplus. Winter wheat condition 0% very poor, 1% poor, 12% fair, 71% good, 16% excellent. Barley planted 87%, 80% 2013, 68% avg. Barley emerged 58%, 39% 2013, 32% avg. Corn planted 34%, 25% 2013, 25% avg. Dry beans planted 26%, 0% 2013, 3% avg. Dry peas planted 58%, 52% 2013, 41% avg. Dry peas emerged 12%, 0% 2013, 7% avg. Oats planted 90%, 76% 2013, 66% avg. Oats emerged 53%, 46% 2013, 36% avg. Onions dry planted 100%, 100% 2013, 100% avg. Onions dry emerged 63%, 80% 2013, 69% avg. Potatoes planted 62%, 45% 2013, 44% avg. Spring wheat planted 95%, 80% 2013, 73% avg. Spring wheat emerged 66%, 41% 2013, 37% avg. Sugarbeets planted 93%, 97% 2013, 92% avg. Winter wheat headed 0%, 0% 2013, 0% avg. Irrigation water supply conditions 2% very poor, 3% poor, 27% fair, 54% good, 14% excellent. Pasture and range conditions 1% very poor, 2% poor, 23% fair, 62% good, 12% excellent.

**ILLINOIS:** Days suitable for fieldwork 1.7. Topsoil moisture 9% short, 77% adequate, and 14% surplus. Subsoil moisture 4% very short, 23% short, 68% adequate, and 5% surplus. Oats planted 72%, 67% 2013, 84% avg. Cool temperatures and wet conditions limited what producers could accomplish last week. Over 2 inches of rain hit the southeastern part of the state and caused minor flooding. The rest of the state experienced enough precipitation to limit field work. Temperatures averaged 53.9 degrees, 2.7 degrees below normal. Statewide precipitation averaged 1.46 inches, 0.50 inches above normal.

**INDIANA:** Days suitable for fieldwork 3.3. Topsoil moisture 1% very short, 5% short, 64% adequate, 30% surplus. Subsoil moisture 5% short, 76% adequate, 19% surplus. Winter wheat jointed 58%, 62% 2013, avg 72%. Average temperatures ranged from 50° to 60°, with a high of 84° and a low of 36° for the state. Precipitation varied considerably from 0.23 inches to as much as 3.48 inches in southern districts. Farmers tilled and planted as weather permitted this week, some smaller operations had put all their corn in the ground by week's end had already begun on soy, while other farmers in the south were kept out of fields all week long. Yet others were deterred from planting by cooler-than-average soil temperatures. Some early-planted corn is already beginning to emerge, albeit slowly. Pasture and winter wheat are in good condition and proceeding steadily but slowly as well. Some small portion of winter kill in wheat has been confirmed. Other activities included the application of pesticides, herbicides, and fertilizer as well as maintenance of fence rows and tile.

**IOWA:** Days suitable for fieldwork 0.9. Topsoil moisture 2% very short, 12% short, 72% adequate, and 14% surplus. Subsoil moisture 10% very short, 32% short, 54% adequate, and 4% surplus. Cool weather and persistent wet conditions hindered fieldwork in Iowa during the week. Average temperatures were below normal for the week, but average precipitation was above

normal. Planting progress advanced little during the week. Livestock have been moved onto pastures in parts of southern Iowa where pastures have seen more growth.

**KANSAS:** Days suitable for fieldwork 5.4. Topsoil moisture supplies rated 31% very short, 39% short, 30% adequate, and 0% surplus. Subsoil moisture supplies rated 32% very short, 42% short, 26% adequate, and 0% surplus. Pasture and range condition 12% very poor, 21% poor, 43% fair, 23% good, 1% excellent. Stock water supplies were rated 18% very short, 30% short, 52% adequate, and 0% surplus. Dry, windy conditions prevailed with precipitation limited to eastern and northern counties. Significant planting progress was made.

**KENTUCKY:** Days suitable fieldwork 2.5. Topsoil 2% short, 64% adequate, 34% surplus. Subsoil moisture 1% very short, 3% short, 71% adequate, 25% surplus. Precipitation averaged 2.62 inches, 1.55 in. above normal. Temperatures averaged 60 degrees, 2 degrees cooler than the previous period. Tobacco transplants set 3%, 1% 2013, 2% avg. Winter wheat headed 6%, 22% 2013, 47% avg. Wheat average height 16 in. Alfalfa average height 15 in. Condition of winter wheat 2% very poor, 8% poor, 25% fair, 50% good, 15% excellent. Condition of tobacco transplants 1% very poor, 2% poor, 11% fair, 64% good, 22% excellent. The Commonwealth experienced cool, wet weather conditions over the past week. Primary field activities include the cutting of some hay and the spraying and cutting of wheat for forage. Weather conditions hampered planting progress this week.

**LOUISIANA:** Days suitable for fieldwork, 6.3. Subsoil moisture 2% very short, 21% short, 64% adequate, 13% surplus. Topsoil moisture 8% very short, 27% short, 53% adequate, 12% surplus. Corn planted 99% this week, 98% last week, 100% last year, 100% average. Corn emerged 95% this week, 93% last week, 100% last year, 100% average. Corn condition 0% very poor, 7% poor, 46% fair, 46% good, 1% excellent. Winter Wheat headed 93% this week, 89% last week, 97% last year, 99% average. Winter Wheat condition 0% very poor, 3% poor, 45% fair, 51% good, 1% excellent. Hay first cutting 20% this week, 10% last week, 16% last year, 33% average. Sugarcane condition 6% very poor, 16% poor, 45% fair, 26% good, 7% excellent. Vegetables condition 1% very poor, 10% poor, 43% fair, 43% good, 3% excellent. Pasture condition 0% very poor, 13% poor, 39% fair, 44% good, 4% excellent. Livestock condition 1% very poor, 9% poor, 37% fair, 48% good, 5% excellent.

**MARYLAND:** Days suitable for fieldwork, 3. Subsoil moisture; 0% very short, 0% short, 93% adequate and 7% surplus. Topsoil moisture; 0% very short, 0% short, 75% adequate and 25% surplus. Barley condition; 2% very poor, 7% poor, 40% fair, 43% good, 8% excellent. Pasture and Range Condition; 0% very poor, 3% poor, 15% fair, 70% good, and 12% excellent. Wheat conditions; 1% very poor, 10% poor, 19% fair, 64% good, 6% excellent. Apples Full Bloom; 39% this year, 95% last year, 82% five year average. Barley Headed; 36% this year, 64% last year, 54% five year average. Cantaloupe Planted; 7% this year, 6% last year, 14% five year average. Corn Planted; 25% this year, 37% last year, 41% five year average. Corn Emerged; 10% this year, 10% last year, 14% five year average. Cucumbers Planted; 12% this year, 15% last year, 16% five year average. Green peas planted; 54% this year, 78% last year, 90% five year average. Lima Beans Planted; 11% this year, 4% last year, 3% five year average. Peaches Full Bloom; 67% this year, 97% last year, 89% five year average. Potatoes planted; 69% this year, 91% last year, 92% five year average. Snap Beans Planted; 9% this year, 12% last year, 16% five year average. Strawberries Full Bloom; 61% this year, 56% last year, 73% five year average. Sweet Corn Planted; 21% this year, 30% last year, 34% five year average. Tomatoes Planted; 16% this year, 20% last year, 24% five year

average. Watermelon Planted; 14% this year, 9% last year, 12% five year average. Winter Wheat Headed; 15% this year, 20% last year, 39% five year average. Hay and Roughage Supplies; 7% very short, 27% short, 66% adequate and 0% surplus. Field activities for the week include plowing, planting, and applying fertilizer.

**MICHIGAN:** Days suitable for fieldwork 2.4. Topsoil moisture 1% short, 61% adequate, 38% surplus. Subsoil moisture 1% short, 66% adequate, 33% surplus. Winter wheat jointed 9%. Oats planted 42%, 42% last year, and 63% five-year average. Oats emerged 11%, 13% last year, and 37% five-year average. Barley planted 3%. Range and pasture condition 9% very poor, 18% poor, 38% fair, 30% good, 5% excellent. Precipitation for the week ending May 4 ranged between 1.25 inches and 1.61 inches in the Upper Peninsula and between 0.23 inch and 2.43 inches in the Lower Peninsula. Temperatures ranged from 29 degrees to 82 degrees, with a state average of 45.9 degrees Fahrenheit. Cold and rainy conditions resulted in minimal fieldwork this week. Field activities included fertilizer application, manure hauling, spraying, corn harvesting, and equipment preparation. Row crop planting was still being delayed due to prevailing low soil temperature and wet conditions. Hay fields are greening, while sugar beets and oats are starting to emerge. Cattle conditions are good. Fruit trees are slowly budding, although some damage has been reported.

**MINNESOTA:** Days suitable for fieldwork 0.9. Topsoil moisture rated 0% very short, 1% short, 62% adequate, and 37% surplus. Subsoil moisture rated 0% very short, 10% short, 72% adequate, and 18% surplus. Cool and wet conditions continued to delay spring planting. Widespread precipitation allowed topsoil and subsoil moisture levels to continue to improve. Very few acres were planted in Minnesota last week. Southwestern Minnesota continues to be the only area of the state where farmers are making progress.

**MISSISSIPPI:** Days suitable for field work 3.8. Topsoil moisture 1% very short, 6% short, 58% adequate, 35% surplus. Subsoil moisture 0% very short, 4% short, 69% adequate, 27% surplus. Winter wheat headed 72% this week, 42% last week, 70% 2013, 91% Avg. Winter wheat condition was 0% very poor, 3% poor, 27% fair, 57% good, 13% excellent. Corn 88% planted this week, 75% last week, 89% 2013, 96% Avg. Corn 70% emerged this week, 51% last week, 76% 2013, 90% Avg. Corn condition was 0% very poor, 8% poor, 22% fair, 56% good, 14% excellent. Hay, first cutting, 14% cut this week, 7% last week, 16% 2013, 38% Avg. Peanuts 20% planted this week, 8% last week, 0% 2013, 15% Avg. Peanuts 2% emerged this week, 0% last week, 0% 2013, 0% Avg. Sorghum 23% planted this week, 8% last week, 2% 2013, 45% Avg. Sorghum 7% emerged this week, 1% last week, 0% 2013, 30% Avg. Watermelon 59% planted this week, 48% last week, 31% 2013, 76% Avg. Watermelon condition was 0% very poor, 3% poor, 72% fair, 21% good, 4% excellent. Livestock condition was 0% very poor, 4% poor, 25% fair, 55% good, 16% excellent. Pasture and range condition was 1% very poor, 7% poor, 31% fair, 50% good, 11% excellent. Blueberries condition was 0% very poor, 2% poor, 30% fair, 64% good, 4% excellent. The beginning of the week brought tornados to the central part of the state causing some damage. The rest of the week was sunny and dry, allowing farmers to complete significant amounts of planting.

**MISSOURI:** Days suitable for fieldwork 3.1. Topsoil moisture 1% very short, 25% short, 65% adequate, 9% surplus. Subsoil moisture 10% very short, 32% short, 53% adequate, 5% surplus. Hay and roughage supplies 1% very short 9% short, 82% adequate, 8% surplus. Stock water supplies 9% short, 84% adequate, 7% surplus. Temperatures averaged 4.4

degrees below normal. Some reports of heavy rain in southeast districts have delayed planting this week.

**MONTANA:** Days suitable for field work 4.3, 4.7 last year. Topsoil moisture 4% very short, 11% last year; 9% short, 21% last year; 77% adequate, 65% last year; 10% surplus, 3% last year. Subsoil moisture 2% very short, 18% last year; 11% short, 28% last year. 82% adequate, 52% last year; 5% surplus, 2% last year. Canola 34% planted, 42% last year. Canola 1% emerged, 3% last year. Corn 16% planted, 12% last year. Dry peas 47% planted, 39% last year. Dry peas 1% emerged, 2% last year. Flaxseed 1% planted, 5% last year. Lentils 21% planted, 18% last year. Oats 14% planted, 31% last year. Durum wheat 9% planted, 13% last year. Sugarbeets 65% planted, 12% last year. Livestock grazing 63% open, 79% last year; 16% difficult, 11% last year; 21% closed, 10% last year. Livestock receiving supplemental feed – cattle & calves 70%, 71% last year. Livestock receiving supplemental feed – sheep & lambs 64%, 68% last year. Livestock birthing – calving completed 85%, 90% last year. Livestock birthing – lambing completed 71%, 78% last year. Livestock moved to summer ranges – cattle and calves 29%, 17% last year. Livestock moved to summer ranges – sheep and lambs 23%, 16% last year. The week ending May 4 began warm and sunny and ended stormy for much of Montana. The end of the week storms brought rain, hail, and snow to many areas across the state. Sidney received the highest amount of precipitation at 1.49 inches. The high temperatures for Montana ranged from lower 50s to lower 80s. Low temperatures ranged from mid teens to the lower 30s.

**NEBRASKA:** Days suitable for field work 4.2. Topsoil moisture supplies rated 13% percent very short, 38% short, 48% adequate, and 1% surplus. Subsoil moisture supplies rated 16% very short, 45% short, 39% adequate, and 0% surplus. Stock water supplies rated 5% very short, 9% short, 85% adequate, and 1% surplus. Cattle and calf condition rated 0% very poor, 1% poor, 10% fair, 77% good, and 12% excellent. Cattle and calf losses rated 20% percent below average, 79% average, and 1% above average. Percentage of cows calved since January 1 was 96%. Sheep and lamb condition rated 0% very poor, 1% poor, 09% fair, 80% good, and 10% excellent. Sheep and lamb losses rated 12% below average, 88% average, and 0% above average. For the week ending May 4, 2014, precipitation in the form of snow in the extreme northwest and rain across most other areas of the state slowed fieldwork, according to USDA's National Agricultural Statistics Service. Amounts of an inch of rain were common across the north and east while central counties received lesser amounts. By week's end, soils had dried and fieldwork was widespread. Temperatures averaged 3 to 6 degrees below normal in most areas. The number of days considered suitable for fieldwork were 4.2. Topsoil moisture supplies rated 13 percent very short, 38 short, 48 adequate, and 1 surplus. Subsoil moisture supplies rated 16 percent very short, 45 short, 39 adequate, and 0 surplus.

**NEVADA:** Days suitable for fieldwork 7. Subsoil moisture 30% Very Short; 55% Short; 15% Adequate. Topsoil Moisture 20% Very Short; 40% Short; 40% Adequate. Temperatures averaged a few degrees above normal. Las Vegas had a high of 99 degrees and Winnemucca and Elko had lows of 23 degrees. Ely was the only station with at least trace amounts of precipitation. Mountain snow packs continued to recede and some streams and ponds were drying up. Producers in the Lovelock Valley will not receive a water allotment this year. Some winter wheat is dying due to lack of irrigation. Recent rains have helped rangeland but conditions are primarily very poor to fair. Most growers have finished their first cutting of alfalfa. Calving and lambing progressed well. Livestock

producers continued to supply supplemental hay. Main farm and ranch activities included field preparation, spring planting, irrigating, fertilizing, weed control and working livestock.

**NEW ENGLAND:** Days suitable for fieldwork, 2.5. Topsoil moisture; 0% very short, 0% short, 38% adequate and 62% surplus. Subsoil moisture; 0% very short, 0% short, 44% adequate, 56% surplus. Blueberries, wild progress; 1% green tip, 0% pink. Blueberries, tame progress; 41% green tip, 0% pink. Strawberries progress; 35% planted, 20% green tip. Corn all progress; 1% planted. Potatoes all progress; 0% planted. Apples all progress; 75% green tip, 18% pink. Peaches all progress; 92% green tip, 31% pink. Pears all progress; 87% green tip, 26% pink. Pasture and range; 10% very poor, 20% poor, 40% fair, 30% good, 0% excellent. Sweet corn all progress; 8% planted. Weather was warm, but very rainy in New England last week. Crops are now well behind schedule and fields are wet across the sub-region.

**NEW JERSEY:** Days suitable for fieldwork, 4.0. Topsoil moisture, 0% very short, 1% short, 57% adequate, and 42% surplus. Subsoil moisture, 0% very short, 1% short, 52% adequate, 47% surplus. Apples pink, 45% this week, 40% last week, N/A last year and N/A average. Apples full bloom, 34% this week, 20% last week, N/A last year and N/A average. Corn Planted, 21% this week, 4% last week, 0% last year and 26% average. Peaches pink, 43% this week, 35% last week, and N/A last year. Peaches full bloom, 36% this week, 28% last week, N/A last year and N/A average. Alfalfa Hay condition, 2% very poor, 9% poor, 51% fair, 29% good, 9% excellent. Other Hay condition, 0% very poor, 5% poor, 45% fair, 36% good, 14% excellent. Pasture and range condition, 12% very poor, 13% poor, 30% fair, 43% good, 2% excellent. Winter Wheat condition, 3% very poor, 6% poor, 36% fair, 49% good, 6% excellent. Field activities for the week included planting beets, cilantro, collards, carrots, green onion, kale, leeks, parsley, radishes, squash, Swiss chard and white potatoes. Asparagus dandelion and overwinter spinach are being harvested. Strawberries are flowering. Certain grape varieties are starting to break bud.

**NEW MEXICO:** Days suitable for fieldwork 5.2. Topsoil moisture 47% very short, 19% short and 34% adequate. Subsoil moisture 44% very short, 18% short and 38% adequate. Alfalfa first cutting 30% complete, 29% 2013, 40% avg; 2% poor, 42% fair, 44% good and 12% excellent. Corn 25% planted, 29% 2013, 44% avg; emerged 15%, 12% 2013, 8% avg. Sorghum 8% planted, 2% 2013, 7% avg. Winter wheat 40% headed, 21% 2013, 45% avg; 39% very poor, 21% poor, 14% fair, 13% good and 13% excellent. Cotton 57% planted, 35% 2013, 58% avg. Lettuce 35% harvested, 19% 2013, 35% avg; 40% good and 60% excellent. Chile 92% planted, 88% 2013, 91% avg; 2% very poor, 3% poor, 17% fair, 73% good and 5% excellent. Cattle 2% very poor, 21% poor, 54% fair, 22% good and 1% excellent. Sheep 19% very poor, 26% poor, 48% fair and 7% good. Range and pasture 30% very poor, 43% poor, 23% fair and 4% good. The week started with temperatures 5 to 11 degrees below normal. By midweek an upper level ridge began to build bringing westerly winds and above normal temperatures.

**NEW YORK:** Days suitable for fieldwork, 2.0. Topsoil moisture, 0% very short, 0% short, 33% adequate, and 67% surplus. Subsoil moisture, 0% very short, 1% short, 41% adequate, 58% surplus. Spring tillage complete, 25% this week. Barley planted, 14% this week and 3% previous week. Oats planted, 18% this week, 11% previous week, 62% last year and 61% average. Onions planted, 14% this week, 5% last week, 21% previous year and 40% average. Potatoes planted, 5% this week, 3% previous week, 29% last year and 42% average.

Snap beans planted, 10% this week, 3% previous week, 3% last year and 4% average. Sweet corn planted, 9% this week, 4% previous week, 19% last year and 14% average. Apples green tip, 20% this week, 7% last week, 93% last year and 78% average. Peaches green tip, 25% this week, 16% last week, and 85% last year. Pears green tip, 34% this week, 24% last week, 90% last year and 79% average. Sweet cherries green tip or earlier, 24% this week, 16% last week, 96% last year, and 95% average. Tart cherries green tip, 11% this week, 10% last week, and 97% last year. Winter Wheat condition, 0% very poor, 9% poor, 40% fair, 46% good, 5% excellent. Pasture and range condition, 13% very poor, 18% poor, 45% fair, 22% good, 2% excellent. Field activities for the week include hauling and spreading manure, applying fertilizer, some plowing and planting of fields, spraying of trees, fixing machinery and preparing for the season to start.

**NORTH CAROLINA:** Days suitable for field work 3.4. Statewide topsoil moisture levels were rated at 6% short, 67% adequate and 27% surplus. Subsoil moisture levels were rated at 5% short, 69% adequate and 26% surplus. Wheat condition was rated 1% very poor, 7% poor, 23% fair, 58% good and 11% excellent which is fairly similar to the conditions for barley and oats. Wheat headed was jumped significantly this week to 63% for the week. Corn progress was reported at 75% planted and 55% emerged and Flue-cured tobacco was reported at 41% transplanted. The state recorded slightly above normal temperatures with the average temperatures ranging from 55 to 74 degrees. Wet conditions in some areas delayed field work.

**NORTH DAKOTA:** Days suitable for fieldwork 1.4. Topsoil moisture 0% very short, 2% short, 71% adequate, 27% surplus. Subsoil moisture 0% very short, 2% short, 80% adequate, 18% surplus. Winter wheat conditions 1% very poor, 14% poor, 39% fair, 43% good, 3% excellent. Winter wheat jointed 1%. Durum wheat planted 1%, 3% 2013, 14% average. Canola planted 1%, 1% 2013, 13% average. Dry edible peas planted 3%, 0% 2013, 23% average. Potatoes planted 1%, 0% 2013, 19% average. Approximate date to begin fieldwork, May 4, 2014. Cattle/Calf conditions 0% very poor, 3% poor, 13% fair, 71% good, and 13% excellent. Calving 81% complete. Cattle/Calf death loss 24% below normal, 74% normal, 2% above normal. Sheep/Lamb conditions 0% very poor, 2% poor, 15% fair, 73% good, and 10% excellent. Lambing 86% complete. Sheep/Lamb death loss 20% below normal, 78% normal, 2% above normal. Shearing 85% complete. Stock water supplies 0% very short, 1% short, 82% adequate, and 17% surplus. At least an inch of precipitation was received over much of the state last week. Average temperatures were 6 to 9 degrees below normal in most areas. Even though there were reports of fieldwork being done in some southern counties, the wet, cool conditions caused delays. Calving was coming to a close and livestock producers have indicated that the cool, wet weather conditions have caused concern for pneumonia and scours in newborn calves.

**OHIO:** Days suitable for fieldwork 1.4. Topsoil moisture 49% adequate, 51% surplus. Subsoil moisture 60% adequate, 40% surplus. Winter wheat jointing 36%, NA 2013, NA avg. Precipitation for the week ranged between 0.28 inches and 4.40 inches, with a state average of 2.01 inches. Average temperatures ranged from 50.0 degrees to 60.0 degrees, with a state average of 55.0 degrees Fahrenheit. Rain throughout the state kept producers out of their fields for the majority of the week. When able to get into the fields, most producers were confined to tillage and fertilizer application, though some planting occurred. Corn and Soybean plantings are now both slightly ahead of the 2013 season, but are behind the 5-year average. Oats, on the other hand, are behind compared to both 2013 and the 5-year average. The cold, wet weather has not

only slowed planting, but has slowed forage growth and kept already planted corn from emerging. Producers have been prepping machinery so that when the weather warms up, they will be able to rapidly begin the bulk of fieldwork.

**OKLAHOMA:** Days suitable for fieldwork 6.4. Topsoil moisture 46% very short, 32% short, 21% adequate, 1% surplus. Subsoil moisture 48% very short, 35% short, 17% adequate, 0% surplus. Rye condition 21% very poor, 20% poor, 49% fair, 9% good, 1% excellent; jointing 64% this week, 59% last week, 99% last year, 100% average; headed 56% this week, N/A% last week, 71% last year, 91% average. Oats condition 29% very poor, 27% poor, 25% fair, 15% good, 4% excellent; planted 85% this week, 84% last week, 100% last year, 100% average; emerged 78% this week, 74% last week, 100% last year, 100% average; jointing 47% this week, 32% last week, 71% last year, 81% average. Canola condition 52% very poor, 27% poor, 16% fair, 5% good; blooming 91% this week, 88% last week, 96% last year, N/A% average; coloring 48% this week, N/A% last week, N/A% last year, N/A% average. Winter wheat jointing 93% this week, 90% last week, 94% last year, 98% average; headed 81% this week, 45% last week, 39% last year, 74% average. Corn seedbed prepared 94% this week, 90% last week, 89% last year, 96% average; planted 77% this week, 64% last week, 38% last year, 58% average; emerged 44% this week, 27% last week, 24% last year, 36% average. Sorghum seedbed prepared 80% this week, 72% last week 56% last year, 66% average; planted 14% this week, 4% last week, 6% last year, 12% average. Soybean seedbed prepared 64% this week, 53% last week, 43% last year, 58% average; planted 10% this week, 7% last week, 3% last year, 13% average. Peanut seedbed prepared 76% this week, 71% last week, 71% last year, 81% average; planted 34% this week, 7% last week, 15% last year, 18% average. Cotton seedbed prepared 83% this week, 80% last week, 81% last year, 79% average. Alfalfa first cutting 11% this week, N/A% last week, 9% last year, 35% average. Other Hay first cutting 7% this week, N/A% last week, 4% last year, 16% average. Watermelons planted 16% this week, 7% last week, 48% last year, 48% average. Livestock condition 2% very poor, 8% poor, 45% fair, 41% good, 4% excellent. Pasture and range condition 16% very poor, 23% poor, 40% fair, 20% good, 1% excellent. Oklahomans experienced warmer than normal temperatures last week. Temperatures ranged from 26 degrees at Kenton on Friday, May 2nd, to 103 degrees at Freedom on Sunday, May 4th. Seventeen of the Mesonet stations reported triple digit heat on Sunday, May 4th. The combination of drought, record heat and low humidity contributed to the wildfires experienced last week. There were reported wildfires in Guthrie, Woodward and Dewey Oklahoma. The wildfire in Guthrie stemmed from a controlled burn that got out of hand. The fire spread over 3,000 acres destroying homes and even resulted in one reported fatality. Producers in the Panhandle continued to experience high winds, cooler temperatures and low moisture conditions similar to the Dust Bowl in the 1930's. Planting of summer crops have been delayed due to the extreme drought and windy conditions. Assessments of winter wheat damage were still being made. There were reports of declining winter wheat conditions and signs of freeze damage. Precipitation ranged from 0.00 of an inch in the Panhandle to 0.02 inches in the Central District. Soil temperature averages ranged from 52 degrees at Miami on Tuesday, April 29th, to 77 degrees at Burneyville on Sunday, May 4th.

**OREGON:** Days suitable for field work 6.3 days. Topsoil Moisture 5% Very Short, 26% Short, 60% Adequate, 9% Surplus. Subsoil Moisture 7% Very Short, 30% Short, 61% Adequate, 2% Surplus. Range and Pasture 2% Very Poor, 23% Poor, 36% Fair, 38% Good, 1% Excellent. Winter Wheat Condition 1% Very Poor, 6% Poor, 42% Fair, 42% Good, 9% Excellent. Spring Wheat Condition 1% Very Poor, 3% Poor, 41% Fair, 51% Good, 4% Excellent. Barley Condition 0% Very Poor, 0% Poor, 49% Fair,

48% Good, 3% Excellent. Spring Wheat Planted 98%, 91% 2013, 90% avg. Spring Wheat Emerged 80%, 71% 2013, 62% avg. Barley Planted 98%, 83% 2013, 86% avg. Barley Wheat Emerged 87%, 53% 2013, 65% avg. Winter Wheat Headed 7%, 2% 2013, 1% avg. In western Oregon warm dry weather allowed farmers to collect and store first cuttings of grass. Fields were dry enough for surface work. Some producers planted beans. Silage corn was being planted. Winter wheat was in flag stage. Crimson clover was starting to bloom; red clover and alfalfa were growing rapidly. Strawberries were blooming and setting fruit, blueberries were in full bloom for early varieties. Walnuts were still hibernating. Most orchard, vineyard and berry crops were in good shape. Radishes were looking good. Plantings of vegetables continued and sweet corn planting cycle started. Greenhouses and nurseries moved plants to sales areas. Grass helped feeding plans, most livestock looked good. In Eastern Oregon crop conditions had improved. Some hay fields in central Oregon were still not fertilized. Hazelnut trees were flowering. Spring field work and planting continued. Grazing conditions have improved.

**PENNSYLVANIA:** Days suitable for fieldwork, 2. Topsoil moisture, 0% very short, 1% short, 72% adequate, and 27% surplus. Subsoil moisture, 0% very short, 1% short, 77% adequate, 22% surplus. Spring tillage, 39% this week, n/a% last year, n/a% average. Corn planted, 8% this week, 26% last year, 25% average. Barley headed, 23% this week, 21% last year, 46% average. Oats planted, 51% this week, 85% last year, 73% average. Oats emerged, 26% this week, 47% last year, 43% average. Potatoes planted, 8% this week, 48% last year, 34% average. Tobacco beds having plants up, 80% this week, n/a% last year, n/a% average. Apples pink, 61% this week, 99% last year, 96% average. Apples full bloom, 34% this week, 87% last year, 91% average. Cherries half inch green to pink, 90% this week, n/a% last year, n/a% average. Cherries full bloom, 66% this year, 96% last year, 97% average. Peaches pink 75% this week, n/a% last year, n/a% average. Peaches full bloom, 71% this week, 96% last year, 97% average. Winter Wheat condition, 0% very poor, 6% poor, 28% fair, 58% good, 8% excellent. Hay Alfalfa condition, 0% very poor, 2% poor, 31% fair, 60% good, 7% excellent. Hay Other condition, 0% very poor, 2% poor, 31% fair, 60% good, 7% excellent. Pasture condition, 6% very poor, 14% poor, 46% fair, 27% good, 7% excellent. Field activities for the week include hauling manure, applying fertilizer, plowing fields, and planting crops.

**SOUTH CAROLINA:** Days suitable for fieldwork 5.8. Topsoil Moisture 1% very short, 17% short, 77% adequate, 5% surplus. Subsoil Moisture 0% very short, 11% short, 85% adequate, 4% surplus. Winter Wheat condition 1% very poor, 3% poor, 22% fair, 55% good, 19% excellent. Pasture and Range condition 0% very poor, 5% poor, 31% fair, 63% good, 1% excellent. Rye condition 0% very poor, 1% poor, 24% fair, 75% good, 0% excellent. Oats condition 0% very poor, 1% poor, 18% fair, 65% good, 16% excellent. Peaches condition 14% very poor, 17% poor, 60% fair, 9% good, 0% excellent. Livestock condition 0% very poor, 1% poor, 19% fair, 73% good, 7% excellent. Tomatoes condition 0% very poor, 0% poor, 47% fair, 53% good, 0% excellent. Cantaloupes conditions 0% very poor, 1% poor, 54% fair, 45% good, 0% excellent. Tobacco condition 0% very poor, 0% poor, 53% fair, 46% good, 1% excellent. Corn condition 0% very poor, 2% poor, 27% fair, 69% good, 2% excellent. Corn planted 93%, 92% 2013. Corn Emerged 82%, 77% 2013. Cotton planted 23, 13% 2013. Winter Wheat headed, 92%, 84% 2013. Winter Wheat coloring 5%, 14 2013. Rye headed 92%, 83% 2013. Rye coloring 15%, 9% 2013. Oats headed 96%, 87% 2013. Oats coloring 8%, 4% 2013. Cantaloupes planted 74%, 80% 2013. Cucumbers planted 49%, 59% 2013. Snap beans planted 40%, 67% 2013. Watermelons planted 74%, 87% 2013. Tomatoes planted 62%, 97% 2013. Peanuts planted 23%, 4% 2013. Soybeans planted 5%, 9% 2013. Tobacco transplanted 81%,

NA% 2013. The state average temperature for the seven-day period was four degrees above the long-term average. The state average rainfall for the seven-day period was 0.5 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 3.2. Topsoil moisture 1% very short, 20% short, 77% adequate, 2% surplus. Subsoil moisture 1% very short, 19% short, 79% adequate, 1% surplus. Winter wheat conditions 0% very poor, 3% poor, 33% fair, 62% good, 2% excellent. Winter wheat 3% jointed. Cattle/Calf conditions 0% very poor, 1% poor, 15% fair, 75% good, 9% excellent. Calving 83% complete. Cattle/Calf death loss 16% below normal, 82% normal, 2% above normal. Sheep/Lamb conditions 0% very poor, 0% poor, 17% fair, 66% good, 17% excellent. Lambing 88% complete. Sheep/Lamb death loss 19% below normal, 80% normal, 1% above normal. Stock water supplies 0% very short, 6% short, 90% adequate, 4% surplus. Below normal temperatures continued to persist across the state last week. Most areas received an inch of rain or more. Agricultural activities included spreading fertilizer, planting and tillage.

**TENNESSEE:** Days suitable for fieldwork 3.0. Topsoil moisture 5% short, 72% adequate, 23% surplus. Subsoil moisture 4% short, 81% adequate, 11% surplus. Strong, tornado producing storms limited row crop plantings. Moisture from storms beneficial to wheat, pasture, and cattle. Other farm activities included transplanting of tomatoes and limited hay cutting. Pasture conditions mostly good.

**TEXAS:** Days suitable for fieldwork 6.1. Topsoil moisture 44% very short, 38% short, 17% adequate, 1% surplus. Subsoil moisture 40% very short, 42% short, 17% adequate, 1% surplus. Corn planted 73%, 70% 2013, 76% avg; Corn emerged 58%, 61% 2013, 63% avg. Cotton planted 16%, 16% 2013, 22% avg; Cotton squaring 1%, 1% 2013, 1% avg. Peanuts planted 7%, 5% 2013, 21% avg. Rice planted 85%, 97% 2013, 94% avg; Rice emerged 75%, 86% 2013, 80% avg. Sorghum planted 68%, 65% 2013, 66% avg. Soybeans planted 28%, 71% 2013, 73% avg; Soybeans emerged 15%, 36% 2013, 42% avg. Sunflowers planted 17%, 27% 2013, 31% avg. Winter Wheat headed 59%, 52% 2013, 68% avg. Oats Headed 81%, 83% 2013, 89% avg. Winter Wheat condition 31% very poor, 33% poor, 23% fair, 12% good and 1% excellent. Oat condition 11% very poor, 22% poor, 34% fair, 27% good and 6% excellent. Range and pasture condition 16% very poor, 23% poor, 35% fair, 23% good and 3% excellent. Hot and humid conditions prevailed across much of the state last week. The Northern High Plains and large areas reaching from the Upper Coast all the way to South Texas received trace amounts of precipitation. Remaining areas of the state received little to no precipitation. Later in the week, cooler temperatures began to move across the state. Winter wheat continued to suffer across much of the High Plains due to dry and windy conditions. Producers in the Edwards Plateau baled freeze damaged wheat. In South Texas and Coastal Bend, Wheat harvest approached rapidly. Oat conditions improved from dry conditions experienced last week. The lack of sufficient sub-soil moisture delayed cotton planting in areas of the Southern Low Plains. Corn was being replanted in areas of the Cross Timbers that received significant freeze damage. Soybeans continued to emerge across the Blacklands. Sorghum conditions improved in many areas of South Texas. Sunflowers in the Northern High Plains were damaged from recent dust storms. Fruit, Vegetable and Specialty Crop Peach conditions in the Cross Timbers continued to improve. Planting of vegetables continued in North East Texas, but cool temperatures slowed growth. In North East Texas signs of insect damage were seen on vegetables and ornamental plants. Potato and onion harvest gained momentum in South Texas. Vegetables, sugarcane and citrus continued to be harvested in the Lower Valley. Livestock Range and Pasture had dry conditions across the state caused pasture conditions to

deteriorate. In the Northern and Southern High Plains, hot windy weather increased wildfire danger, cause further herd reductions, and saw stock tank water levels continue to dwindle.

**UTAH:** Days suitable for field work 6.9. Top soil Moisture 8% very short, 40% short, 51% adequate, 1% surplus. Subsoil moisture 8% very short, 34% short, 55% adequate, 3% surplus. Corn planted 33%, 35% 2013, 23% 5-yr avg. Winter wheat condition 4% poor, 19% fair, 58% good, 19% excellent. Barley planted 96%, 86% 2013, 80% 5-yr avg; emerged 82%, 64% 2013, 63% 5-yr avg; condition 15% fair, 64% good, 21% excellent. Oats planted 77%, 67% 2013, 66% 5-yr avg; emerged 56%, 32% 2013, 32% 5-yr avg. Spring wheat planted 96%, 94% 2013, 83% 5-yr avg; emerged 82%, 72% 2013, 56% 5-yr avg; condition 20% fair, 61% good, 19% excellent. Apricots full bloom or past 61%, 83% 2013, 93% 5-yr avg. Peaches full bloom 78%, 63% 2013, 79% 5-yr avg. Sweet Cherries full bloom 67%, 41% 2013, 72% 5-yr avg. Cows calved 90%, 94% 2013, 93% 5-yr avg. Cattle and calves condition 1% poor, 23% fair, 65% good, 11% excellent. Sheep and lamb condition 17% fair, 76% good, 7% excellent. Sheep and lambs moved to pasture 57%, 49% 2013, 34% 5-yr avg. Farm flocks shorn 87%, 82% 2013, 84% 5-yr avg. Range flocks shorn 88%, 74% 2013, 74% 5-yr avg. Farm flock ewes lambing 93%, 86% 2013, 91% 5-yr avg. Range flock ewes lambing 71%, 62% 2013, 59% 5-yr avg. Stock water supplies 3% very short, 22% short, 73% adequate, 2% surplus. Pasture and range conditions 7% poor, 41% fair, 48% good, 4% excellent. Farm work is going well in Beaver County. Alfalfa is greening up good. The weekend storm was great and is also greening up the pastures and range ground. It is still freezing every night so that is slowing down the pastures and the crops. Livestock is doing well and ranchers are getting ready to put them out on range. Farmers in Box Elder County have been busy planting corn. Ranchers continue branding and vaccinating calves in preparation for summer ranges. Black grass bugs continue to be a problem on pastures in the County. Growers in Cache County enjoyed another productive week. Virtually all crops are planted, with the exception of corn. Most growers will begin planting corn this week or next. The timely spring rains have been ideal for new seedings of small grains, safflower and alfalfa. Almost without exception, growers are delighted with the prospects of a very productive year. Fertilizer and herbicides are being applied to small grains and forage crops. There was some concern last week of frost damage to new alfalfa because of freezing temperatures. Fortunately, it appears damage has been minimal. Virtually all beef producers have now completed branding, vaccination and dehorning of calves. Cattle and sheep producers are putting their animals onto pastures and rangelands. The recent rains, followed by warmer weather, has really enhanced the productivity of grazing areas. Lush grass, abundant water, and no insects make this an ideal season for livestock producers. It has been a very dry spring in Garfield and Kane Counties. More moisture is needed. Pastures and ranges are drying up fast. Irrigation supplies are depleting. A cold freeze has stunted the growth of range grasses in Morgan County. The recent rains should help it recover and produce some new growth. Some spring planted alfalfa was frozen and died. Ranchers have been branding calves and working cows in preparation for turning them onto summer pastures in Rich County. Most spring planting has been completed. Alfalfa has not been planted yet for fear of killing frosts in the future. A storm on Monday had great timing as most of the County had applied fertilizer and the storm took it into the ground. There was high peach tree mortality after winter conditions in Sevier County. Cold weather has slowed the growth of crops in Weber County, but it should warm up this week.

**VIRGINIA:** Days suitable for fieldwork 2.9. Top soil moisture 7% short, 67% adequate, 26% surplus. Subsoil moisture 6%

short, 74% adequate, 20% surplus. Cotton planted 0%, 1% 2013, 21% 5-yr avg. Peanuts planted 0%, 9% 2013, 7% 5-yr avg. Corn planted 56%, 67% 2013, 68% 5 yr-avg. Corn emerged 30%, 41% 2013, 37% 5-yr avg. Soybeans planted 2%, 5% 2013, 7% 5-yr avg. Winter wheat headed 29%, 56% 2013, 56% 5-yr avg. Winter wheat 1% very poor, 3% poor, 28% fair, 60% good, 8% excellent. Barley 3% very poor, 4% poor, 30% fair, 59% good, 4% excellent. Oats 1% very poor, 1% poor, 42% fair, 55% good, 1% excellent. Summer potatoes planted 99%, 100% 2013, 100% 5-yr avg. Summer potatoes 99% good, 1% excellent. Greenhouse tobacco 1% very poor, 1% poor, 33% fair, 48% good, 17% excellent. Tobacco plantbeds 30% fair, 70% good. Flue-cured tobacco transplanted 10%, 12% 2013, 24% 5-yr avg. Fire-cured tobacco transplanted 4%, 16% 2013, 8% 5-yr avg. Burley tobacco transplanted 0%, 5% 2013, 5% 5-yr avg. Livestock 1% very poor, 3% poor, 26% fair, 62% good, 8% excellent. Pasture 3% very poor, 10% poor 40% fair, 41% good, 6% excellent. Alfalfa hay 1% very poor, 9% poor, 44% fair, 40% good, 6% excellent. Other hay 1% very poor, 9% poor, 44% fair, 42% good, 4% excellent. All apples 52% fair, 48% good. Grapes 9% poor, 48% fair, 36% good, 7% good. It was a wet week for the Old Dominion. Rain showers were present Monday through Thursday, with the heaviest rains occurring on Wednesday. Some parts of the State experienced flash flooding. Total rain accumulation varied based on location; some areas received slightly less than one inch, while other areas received over 5 inches. In some places, rain was reported at 7 inches. Temperatures were seasonable with highs in the 80s and lows in the 40s. Days suitable for fieldwork were 2.9. The rain showers slowed crop plantings; no cotton or peanuts were planted, and corn was 12% points behind the 5 year average planted for this of year. Farmers were waiting for field to dry before beginning their first cutting; hay yields are expected to be down due to the harsh winter. Other farming activities for the week included weaning fall calves, planting vegetables, preparing to spray herbicides, and mending broken fences.

**WASHINGTON:** Days suitable for fieldwork 6.4. Topsoil Moisture 5% Very Short, 26% Short, 64% Adequate, 5% Surplus. Subsoil Moisture 8% Very Short, 31% Short, 58% Adequate, 3% Surplus. Winter Wheat Condition 3% Very Poor, 15% Poor, 42% Fair, 37% Good, 3% Excellent. Green Peas Planted 90%, 70% PW, 95% PY, and 82% 5YA. Spring Wheat Planted 92%, 77% PW, 93% PY, and 81% 5YA. Spring Wheat Emerged 60%, 37% PW, 65% PY, and 52% 5YA. Barley Planted 81%, 60% PW, 85% PY, and 70% 5YA. Barley Emerged 41%, 24 PW, 55% PY, and 37% 5YA. Potatoes Planted 80%, 72% PW, 80% PY, and 79% 5YA. Potatoes Emerged 20%, 3% PW, 19% PY, and 17% 5YA. Dry Peas Planted 57%, 40% PW, 53% PY, and 50% 5YA. Corn Planted 57%, 53% PW, 57% PY, and 53% 5YA. Corn Emerged 10%, -1 PW, 13% PY, and 7% 5YA. Dry Beans Planted 36%, 24% PW, 41% PY, and 40% 5YA. Days suitable for fieldwork were 4.9. Range and Pasture Conditions were 0% very poor, 5% poor, 48% fair, 42% good, and 5% excellent. It was a great week in Whitman County for fieldwork. High temperatures were in the 60's and 70's all week. Some rain showers arrived on Saturday night and Sunday, with some areas receiving up to 0.32 inch of precipitation. Most spring wheat and barley had been planted, with producers now looking at planting peas and garbanzo beans. Low night time temperatures in Yakima County started off in the upper 20s and lower 30s triggering orchardists to use all frost protection options available, but as the week progressed night time lows rose into the low 50s. Daytime highs actually reached into the mid 80s midweek. No precipitation received over the week. Vegetable growers continued to lay down black plastic and plant/transplant through the plastic. Field crews in hop fields were stringing up the trellis and in some cases training hop vines to grow up the trellis. Sweet

cherry growers are beginning to assess their crop loads and this year's spring conditions have been favorable to a good crop set. Asparagus was in full harvest.

**WEST VIRGINIA:** Days suitable for fieldwork 5. Topsoil moisture was 10% short, 77% adequate, and 13% surplus compared to 2% very short, 25% short, 71% adequate, and 2% surplus last year. Subsoil moisture was 1% very short, 12% short, 67% adequate, and 20% surplus, comparison data not available. Hay and roughage supplies were 1% very short, 5% short, 84% adequate, and 10% surplus compared to 10% very short, 15% short, 71% adequate, and 4% surplus last year. Feed grain supplies were 1% very short, 3% short, and 96% adequate compared to 4% short, 95% adequate, and 1% surplus last year. Corn was 8% planted, 12% in 2013, and 18% 5-year avg. Corn was 2% emerged, comparison data not available. Soybeans were 2% planted, comparison data not available. Winter wheat conditions were 2% poor, 37% fair, 59% good, and 2% excellent. Winter wheat was 12% headed, 13% in 2013, and 9% 5-year avg. Hay conditions were 2% very poor, 12% poor, 31% fair, 46% good, and 9% excellent. Apple conditions were 5% poor, 21% fair, 66% good, and 8% excellent. Peach conditions were 2% very poor, 8% poor, 31% fair, 55% good, and 4% excellent. Cattle and calves were 1% poor, 19% fair, and 80% good. Calving was 96% complete, compared to 93% last year. Sheep and lambs were 1% poor, 9% fair, 87% good, and 3% excellent. Farming activities included calving and planting crops. Some farmers have started preparations for gardens.

**WISCONSIN:** Days suitable for fieldwork 1.4. Topsoil moisture 0% very short, 3% short, 60% adequate, and 37% surplus. Subsoil moisture 0% very short, 5% short, 76% adequate, and 19% surplus. Widespread rain and below average temperatures kept farmers out of fields for much of this week. However, a warm and sunny weekend helped planting and tillage to progress. While spring fieldwork remains ahead of 2013's record late season, progress was still well behind average across the state. Farmers were spreading fertilizer and manure wherever conditions allowed, though reporters noted that mud and standing water made many fields impassible. Pastures, hay, and winter wheat have reportedly been slow to green up due to soggy and cool conditions. More warm and sunny weather is needed to dry out fields and warm soils for planting. Across the reporting stations, average temperatures last week were 3 to 8 degrees below normal. Average high temperatures ranged from 48 to 53 degrees, while average low temperatures ranged from 38 to 42 degrees. Precipitation totals ranged from 0.94 inches in Green Bay to 2.42 inches in Eau Claire.

**WYOMING:** Days suitable for fieldwork 5.6. Topsoil moisture 1% very short, 13% short, 83% adequate, 3% surplus. Subsoil moisture 19% short, 81% adequate. Barley planted 77%, 80% 2013, 80% 5-yr avg; emerged 21%, 43% 2013, 41% 5-yr avg. Oats planted 51%, 34% 2013, 52% 5-yr avg; emerged 25%, 15% 2013, 21% 5-yr avg. Spring wheat planted 47%, 19% 2013, 36% 5-yr avg; emerged 2%, 3% 2013, 13% 5-yr avg. Sugarbeets planted 44%, 23% 2013, 52% 5-yr avg. Winter wheat jointed 6%, 8% 2013, 30% 5-yr avg; condition 4% very poor, 5% poor, 43% fair, 47% good, 1% excellent. Corn planted 27%, 31% 2013, 19% 5-yr avg. Pasture and range conditions 1% very poor, 10% poor, 22% fair, 62% good, 5% excellent. Spring calving 86%, 86% 2013, 86% 5-yr avg. Cattle and calf losses 44% light, 56% normal. Farm flock ewes lambbed 90%, 83% 2013, 87% 5-yr avg. Range flock ewes lambbed 61%, 40% 2013, 37% 5-yr avg. Sheep and lamb losses 49% light, 50% average, 1% heavy. Farm flock sheep shorn 87%, 84% 2013, 85% 5-yr avg. Range flock sheep shorn 81%, 47% 2013, 27% 5-yr avg. Irrigation water supplies 2% poor, 13% fair, 70% good, and 15% excellent.

April 2014

**International Weather and Crop Summary**

**April 27 - May 3, 2014**

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

**EUROPE:** Widespread rainfall boosted soil moisture for winter crops and alleviated dryness concerns in Germany.

**FSU-WESTERN:** Showers improved soil moisture for vegetative winter grains and recently-planted summer crops.

**MIDDLE EAST:** Rain slowed summer crop planting in Turkey, while scattered showers maintained favorable prospects for winter grains in Iran.

**NORTHWEST AFRICA:** Sunny skies and above-normal temperatures accelerated wheat toward maturity in the east and promoted harvesting in the west.

**SOUTH ASIA:** Seasonably hot, dry weather prevailed across much of India as fieldwork continued in the north.

**EAST ASIA:** Showers boosted soil moisture in northeastern China, as summer crop planting was underway.

**SOUTHEAST ASIA:** Pre-monsoon showers continued across the northern portions of the region as rice transplanting began in advance of the summer rainy season.

**AUSTRALIA:** Soaking rains in southern and eastern Australia boosted topsoil moisture in advance of winter crop sowing.

**ARGENTINA:** Wet weather returned to the region, renewing delays in summer crop harvesting.

**BRAZIL:** Seasonably drier conditions developed over major corn production areas of central Brazil.

**MEXICO:** Light rain continued in eastern sections of the corn belt.

**CANADIAN PRAIRIES:** Cool, showery weather increased topsoil moisture for germination of spring grains and oilseeds, which are currently being planted.

**SOUTHEASTERN CANADA:** Mild, showery weather benefited greening wheat and pastures.

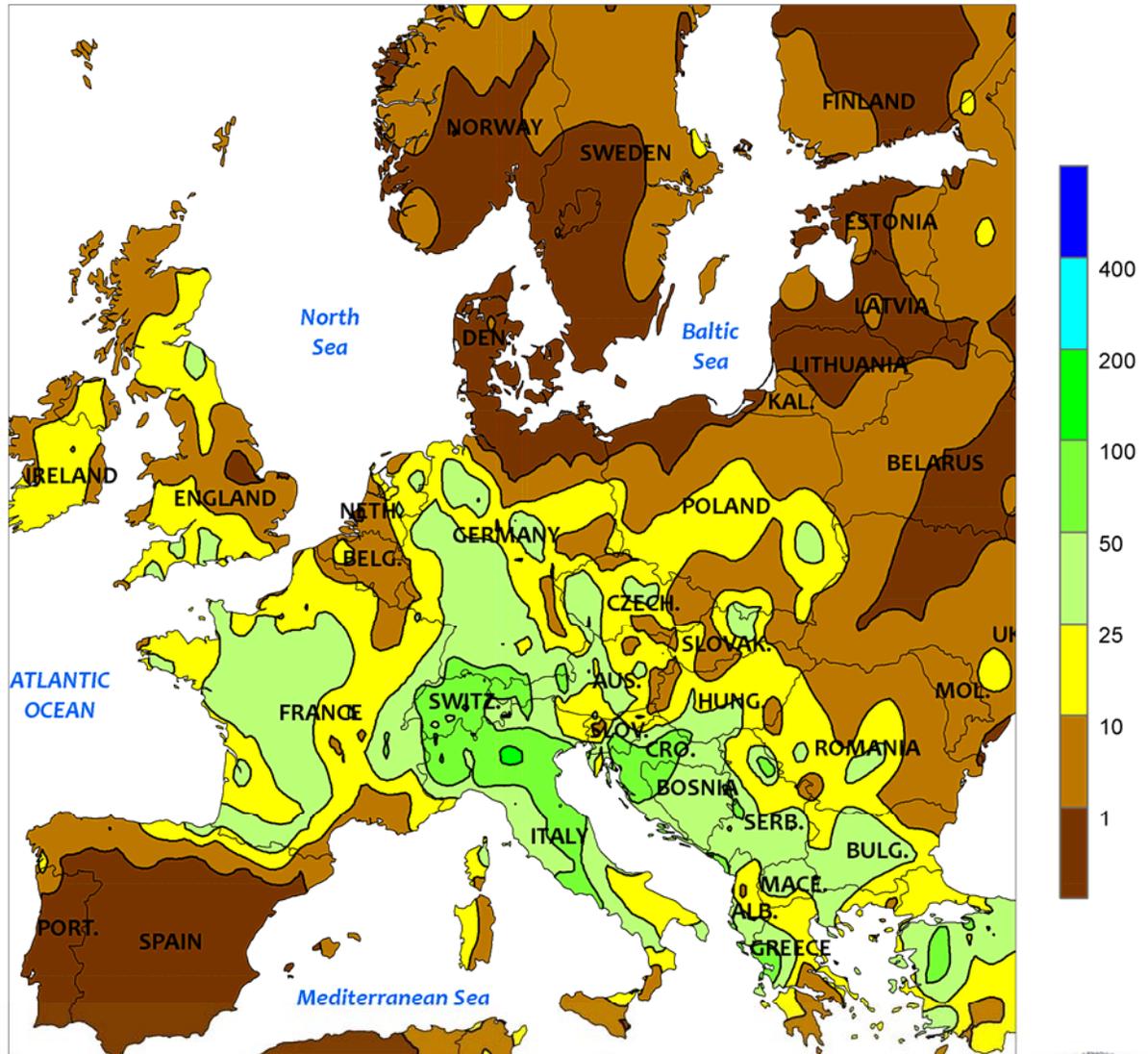
COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	DEP AVG	DEP NRM	DEP TOT	DEP NRM
ALGERI	ALGER	24	10	30	6	17	2.5	1	-48
	BATNA	23	5	29	0	14	1.2	4	-21
ARGENT	IGUAZU	27	17	33	8	22	0.1	241	80
	FORMOSA	28	19	35	10	23	0.8	168	-33
	CERES	26	14	38	6	20	1.1	181	77
	CORDOBA	23	12	32	0	18	0.4	96	24
	RIO CUARTO	22	11	29	3	17	0.1	95	33
	ROSARIO	23	13	31	4	18	1.2	104	-24
	BUENOS AIRES	22	12	28	4	17	0.1	96	8
	SANTA ROSA	21	10	27	1	15	0.1	134	75
	TRES ARROYOS	19	10	23	1	14	0	126	42
AUSTRA	DARWIN	32	25	34	23	29	0.3	105	1
	BRISBANE	26	17	29	14	22	0.5	12	-98
	PERTH	26	13	35	6	20	0.2	17	-18
	CEDUNA	24	11	39	2	17	0	12	-7
	ADELAIDE	22	13	34	2	18	0.8	16	-21
	MELBOURNE	20	12	35	2	16	1	25	-20
	WAGGA	21	11	28	2	16	0.5	51	4
	CANBERRA	19	7	25	1	13	-0.3	47	-2
AUSTRI	VIENNA	18	7	24	1	13	2.3	89	49
	INNSBRUCK	17	6	25	0	11	3	55	-9
BAHAMA	NASSAU	30	22	34	18	26	2.3	112	52
BARBAD	BRIDGETOWN	30	25	31	23	27	0.7	12	-44
BELARU	MINSK	14	4	23	-5	9	2	34	-15
BERMUD	ST GEORGES	22	19	24	16	21	1	49	-46
BOLIVI	LA PAZ	16	1	19	-4	8	0.1	28	-64
BRAZIL	FORTALEZA	30	24	31	23	27	-0.4	202	-152
	RECIFE	30	25	31	23	28	-0.8	124	-128
	CAMPO GRANDE	29	20	32	14	24	-0.4	49	-46
	FRANCA	27	18	31	13	23	0.8	146	82
	RIO DE JANEIRO	29	21	34	15	25	0	118	9
	LONDRINA	29	18	34	12	23	1.7	124	9
	SANTA MARIA	26	16	34	7	21	0.7	104	-66
	TORRES	25	18	29	10	22	-2.2	76	-34
BULGAR	SOFIA	16	7	22	1	11	0.6	156	105
BURKIN	OUAGADOUGOU	***	***	43	24	***	*****	*****	*****
CANADA	TORONTO	11	1	23	-7	6	-0.2	92	22
	MONTREAL	11	1	25	-7	6	0	136	55
	WINNIPEG	5	-4	15	-19	0	-3.7	0	-33
	REGINA	7	-3	20	-14	2	-2.4	0	-24
	SASKATOON	7	-4	19	-16	2	-2.8	0	-25
	LETHBRIDGE	...	...	...	...	...	...	...	...
	CALGARY	10	-2	21	-11	4	-0.4	23	-1
	EDMONTON	10	-2	22	-14	4	-1.5	38	12
	VANCOUVER	14	6	19	2	10	0.7	82	-2
CANARY	LAS PALMAS	23	18	25	16	20	1.5	2	-4
CHILE	SANTIAGO	24	6	30	2	15	0.7	0	-18
CHINA	HARBIN	17	4	29	-5	10	2.8	6	-17
	HAMI	22	7	29	-3	14	0.7	1	-1
	LANCHOW	***	***	19	9	***	*****	*****	*****
	BEIJING	23	11	30	5	17	2.4	21	-1
	TIENTSIN	23	11	31	5	17	2.3	13	-11
	LHASA	16	3	21	-1	10	0.9	13	6
	KUNMING	26	12	30	9	19	2.4	16	-6
	CHENGCHOW	22	12	29	7	17	1.4	56	17
	YECHANG	20	14	28	11	17	-0.2	113	27
	HANKOW	22	14	28	8	18	0.4	147	18
	CHUNGKING	23	17	32	13	20	2	94	0
	CHIHKIANG	21	15	30	11	18	1.2	87	-63
	WU HU	21	14	29	9	17	1.3	157	32
	SHANGHAI	20	13	25	5	16	1	139	45
	NANCHANG	23	17	30	13	20	2.5	173	-45
	TAIPEI	25	21	32	17	23	0.8	99	-101
	CANTON	26	20	33	15	23	0.9	193	-7
	NANNING	27	22	31	17	24	1.6	52	-47
COLOMB	BOGOTA	19	10	21	2	15	0.8	83	-19
COTE D	ABIDJAN	31	26	33	22	28	0.2	289	113
CUBA	HAVANA	31	19	34	12	25	0.3	0	-53
CYPRUS	LARNACA	24	13	31	9	18	1.2	5	-9
CZECHR	PRAGUE	16	5	21	-4	11	2.9	43	15

Based on Preliminary Reports

## April 2014

COUNTRY	CITY	TEMPERATURE					PRECIP.			COUNTRY	CITY	TEMPERATURE					PRECIP.										
		AVG	AVG	HI	LO	DEP	TOT	DEP	AVG			AVG	HI	LO	DEP	TOT	DEP										
		MAX	MIN	MAX	MIN	AVG	NRM	TOT	NRM			MAX	MIN	MAX	MIN	AVG	NRM	TOT	NRM			MAX	MIN	AVG	NRM	TOT	DEP
DENMAR	COPENHAGEN	13	5	20	0	9	2.5	19	-14	MEXICO	GUADALAJARA	30	14	33	10	22	0.3	0	-8								
EGYPT	CAIRO	29	17	37	12	23	1.0	1	-1		TLAXCALA	26	11	30	7	18	0.4	27	2								
	ASWAN	38	22	45	15	30	3.1	3	3		ORIZABA	27	16	34	1	21	1.7	55	15								
ESTONI	TALLINN	10	0	18	-6	5	1.5	13	-23	MOROCC	CASABLANCA	22	15	32	9	18	2.2	40	3								
ETHIOP	ADDIS ABABA	26	14	28	12	20	1.7	34	-50		MARRAKECH	29	14	35	9	21	3.6	26	-8								
F GUIA	CAYENNE	30	25	31	22	28	1.4	173	-272	MOZAMB	MAPUTO	***	***	31	11	***	*****	*****	*****								
FIJI	NAUSORI	29	22	31	20	26	0.2	108	-263	N KORE	PYONGYANG	20	7	26	0	14	2.6	2	-39								
FINLAN	HELSINKI	10	0	19	-6	5	2.0	8	-28	NEW CA	NOUMEA	28	22	32	20	25	0.8	5	-102								
FRANCE	PARIS/ORLY	17	8	23	3	12	2.3	49	-6	NIGER	NIAMEY	***	***	44	24	***	*****	*****	*****								
	STRASBOURG	19	7	25	0	13	3.5	22	-19	NORWAY	OSLO	11	1	20	-5	6	2.5	73	27								
	BOURGES	18	7	25	3	12	2.8	60	3	NZEALA	AUCKLAND	22	14	24	8	18	*****	108	*****								
	BORDEAUX	19	9	25	5	14	2.9	70	-4		WELLINGTON	18	13	23	10	15	*****	66	*****								
	TOULOUSE	19	9	26	4	14	3.3	53	-11	P RICO	SAN JUAN	31	25	35	23	28	1.8	79	-15								
	MARSEILLE	21	11	25	5	16	2.8	9	-44	PAKIST	KARACHI	35	24	42	18	29	0.8	0	-4								
GABON	LIBREVILLE	***	***	31	23	***	*****	*****	*****	PERU	LIMA	23	18	26	17	20	-0.7	0	0								
GERMAN	HAMBURG	16	6	22	-2	11	3.2	79	32	PHILIP	MANILA	34	26	36	25	30	0.1	9	-22								
	BERLIN	17	8	23	2	12	3.5	19	-18	PNEWGU	PORT MORESBY	30	25	31	23	27	0.5	156	37								
	DUSSELDORF	18	7	25	-2	12	2.6	40	-16	POLAND	WARSAW	16	6	23	-3	11	3.0	45	10								
	LEIPZIG	17	7	23	1	12	4.3	27	-14		LODZ	16	5	23	-3	10	2.0	42	5								
	DRESDEN	16	7	22	-1	12	3.9	25	-23		KATOWICE	16	5	22	-2	11	2.1	46	-2								
	STUTTGART	17	6	24	-1	12	3.0	37	-18	PORTUG	LISBON	20	13	26	9	16	1.8	15	-43								
	NURNBERG	18	6	24	-3	12	3.4	23	-19	ROMANI	BUCHAREST	17	7	26	2	12	0.3	112	57								
	AUGSBURG	16	5	22	-3	10	2.2	23	-29	RUSSIA	ST.PETERSBURG	11	3	22	-3	7	2.2	11	-23								
GREECE	THESSALONIKA	19	10	23	6	14	0.2	69	31		KAZAN	8	1	20	-6	4	-0.6	27	-6								
	LARISSA	21	8	25	1	14	0.2	42	5		MOSCOW	12	2	23	-8	7	0.5	24	-15								
	ATHENS	20	***	24	11	***	*****	20	-13		YEKATERINBURG	7	-1	20	-7	3	-1.7	54	26								
GUADEL	RAIZET	30	22	32	19	26	0.3	59	-33		OMSK	9	0	21	-9	5	0.7	19	-2								
HONGKO	HONG KONG INT	27	22	31	18	25	1.7	141	1		BARNAUL	14	2	25	-8	8	3.9	12	-15								
HUNGAR	BUDAPEST	19	9	23	3	14	2.5	37	-4		KHABAROVSK	13	1	27	-6	7	2.6	8	-37								
ICELAN	REYKJAVIK	***	***	6	2	***	*****	*****	*****		VLADIVOSTOK	12	4	22	-2	8	3.1	13	-42								
INDIA	AMRITSAR	32	15	42	11	23	-1.8	90	63		VOLGOGRAD	14	3	23	-4	8	-1.2	9	-14								
	NEW DELHI	35	20	42	17	28	-1.0	16	0		ASTRAKHAN	17	5	27	-4	11	-0.7	18	-4								
	AHMEDABAD	39	24	43	19	32	0.3	11	9		ORENBURG	11	0	22	-8	6	-1.3	24	1								
	INDORE	38	21	41	18	29	-0.9	7	4	S AFRI	JOHANNESBURG	21	10	26	2	16	0.2	16	-27								
	CALCUTTA	38	27	41	24	33	2.5	2	-43		BETHAL	23	7	26	0	15	-0.1	18	-17								
	VERAVAL	33	23	38	20	28	0.5	0	*****		DURBAN	26	17	31	11	22	-0.2	33	-42								
	BOMBAY	33	24	39	22	29	0.4	0	*****		CAPE TOWN	26	13	37	5	19	2.3	23	-20								
	POONA	38	20	41	15	29	0.7	6	-4	S KORE	SEOUL	20	10	26	2	15	1.8	41	-18								
	BEGAMPET	38	25	40	22	32	0.2	14	-5	SAMOA	PAGO PAGO	30	25	32	23	28	0.2	341	58								
	VISHAKHAPATNAM	32	26	36	25	29	-0.4	4	-17	SENEGA	DAKAR	***	***	29	18	***	*****	*****	*****								
	MADRAS	36	26	38	24	31	0.1	0	-10	SPAIN	VALLADOLID	20	8	27	3	14	4.0	8	-36								
	MANGALORE	34	25	35	22	30	0.2	31	-12		MADRID	23	10	29	7	16	4.3	35	-3								
INDONE	SERANG	33	24	35	23	29	0.8	73	-49		SEVILLE	26	13	33	7	19	2.4	26	-29								
IRELAN	DUBLIN	14	5	16	-1	9	1.2	27	-25	SWITZE	ZURICH	16	7	22	1	11	3.2	86	3								
ITALY	MILAN	20	10	25	4	15	2.8	77	-3		GENEVA	17	7	24	1	12	3.3	61	-1								
	VERONA	21	10	26	4	15	3.1	92	23	SYRIA	DAMASCUS	28	9	37	2	19	3.0	4	-7								
	VENICE	20	11	24	6	15	3.1	49	-22	TAHITI	PAPEETE	30	25	31	22	28	0.4	35	-83								
	GENOA	18	13	26	9	16	1.8	107	-4	TANZAN	DAR ES SALAAM	31	23	33	22	27	0.8	432	160								
	ROME	19	10	23	5	15	1.3	40	-26	THAILA	PHITSANULOK	38	25	40	22	31	-0.1	63	8								
	NAPLES	20	11	25	7	15	2.1	48	-44		BANGKOK	37	28	38	25	33	2.0	8	-71								
JAMAIC	KINGSTON	31	25	34	23	28	0.9	21	-15	TOGO	LOME	***	***	34	24	***	*****	*****	*****								
JAPAN	SAPPORO	13	3	24	-1	8	1.2	20	-43	TRINID	PORT OF SPAIN	33	24	34	22	28	1.3	43	7								
	NAGOYA	20	10	26	3	15	0.8	128	-19	TUNISI	TUNIS	24	13	30	8	18	2.5	25	-13								
	TOKYO	19	11	24	6	15	0.9	106	-23	TURKEY	ISTANBUL	18	11	25	5	15	2.3	37	-9								
	YOKOHAMA	19	11	23	5	15	0.2	115	-37		ANKARA	19	4	25	-4	11	2.0	47	-5								
	KYOTO	21	9	27	2	15	0.3	88	-33	TURKME	ASHKHABAD	24	12	33	0	18	0.4	0	-34								
	OSAKA	20	11	26	4	15	0.3	79	-45	UKINGD	ABERDEEN	12	5	15	-2	9	1.8	25	-34								
KAZAKH	KUSTANAY	9	-1	19	-6	4	-1.4	0	-21		LONDON	16	8	20	3	12	2.3	53	5								
	TSELINOGRAD	11	0	20	-7	6	1.0	0	-16	UKRAIN	KIEV	15	6	23	-2	11	1.6	30	-19								
	KARAGANDA	11	-1	24	-8	5	-0.2	0	-24		LVOV	15	5	23	-1	10	2.1	48	-7								
KENYA	NAIROBI	26	15	28	11	21	0.1	38	-106		KIROVOGRAD	16	6	23	-7</												

EUROPE  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

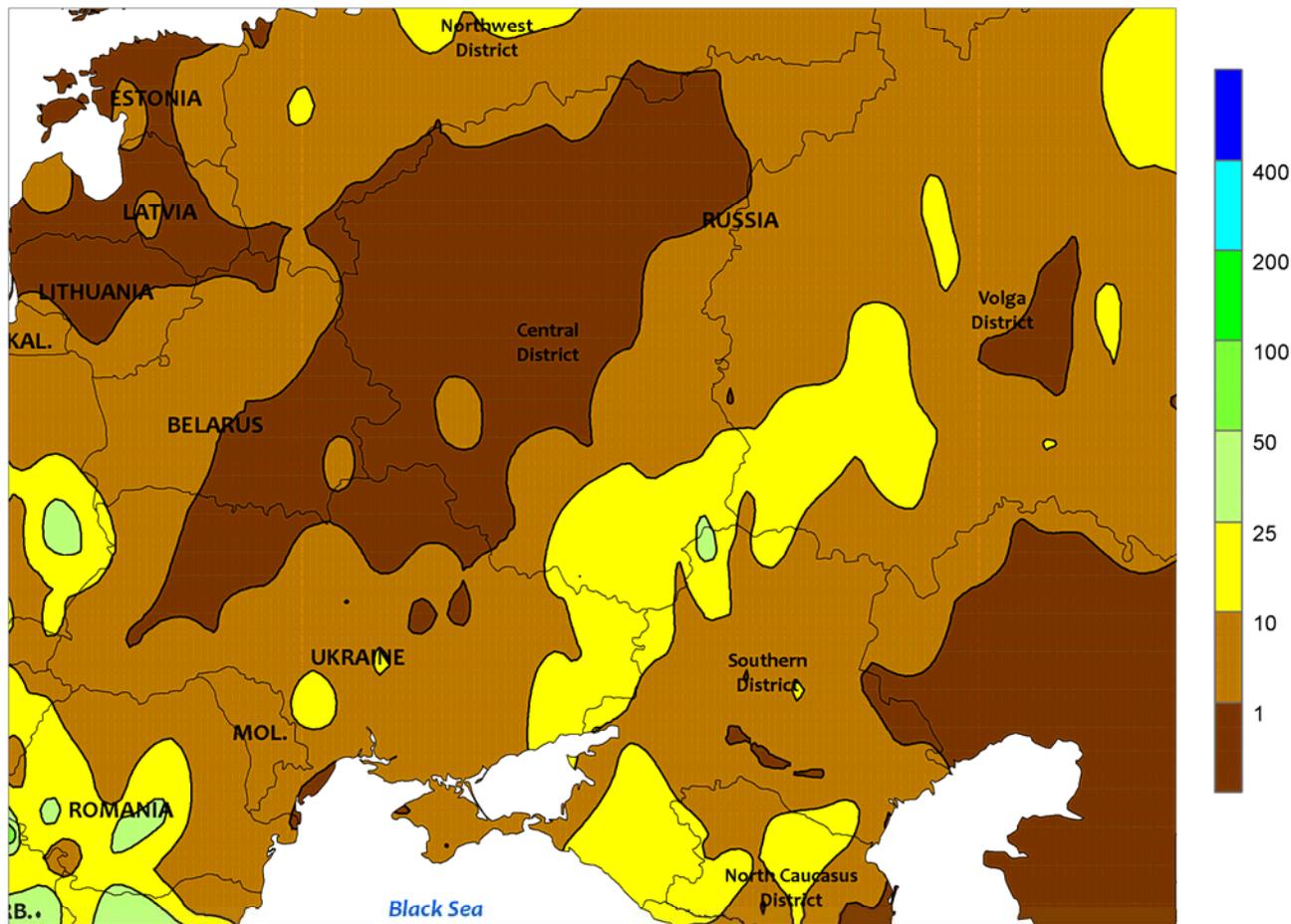


**EUROPE**

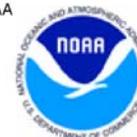
Wet weather intensified across most of the continent, maintaining or improving soil moisture for winter crops but slowing or halting fieldwork. A slow-moving storm brought widespread rain with locally heavy downpours (10-50 mm) to the United Kingdom and France, halting spring grain and summer crop planting but boosting soil moisture for heading to flowering winter crops. Rainfall intensified as it moved into Germany, with totals in excess of 70 mm alleviating dryness concerns in southern portions of the country. However, a small pocket of notably lighter accumulation (less than 5 mm) lingered over southeastern Germany, where soil moisture shortages persisted.

Moderate to heavy rain (25-110 mm) soaked Italy as well as western and southern portions of the Balkans, stopping fieldwork but boosting moisture reserves and irrigation supplies for warm-season crops. Light to moderate showers (5-30 mm) were observed from central Poland into northern and eastern portions of the Balkans, favoring vegetative (north) to reproductive (south) winter crops. Despite the clouds and rain, temperatures averaged 2 to 4°C above normal in most major growing areas. Some light freezes (-3 to -1°C) were noted in the United Kingdom, although the coldest readings were mostly outside of primary wheat and rapeseed areas.

WESTERN FSU  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

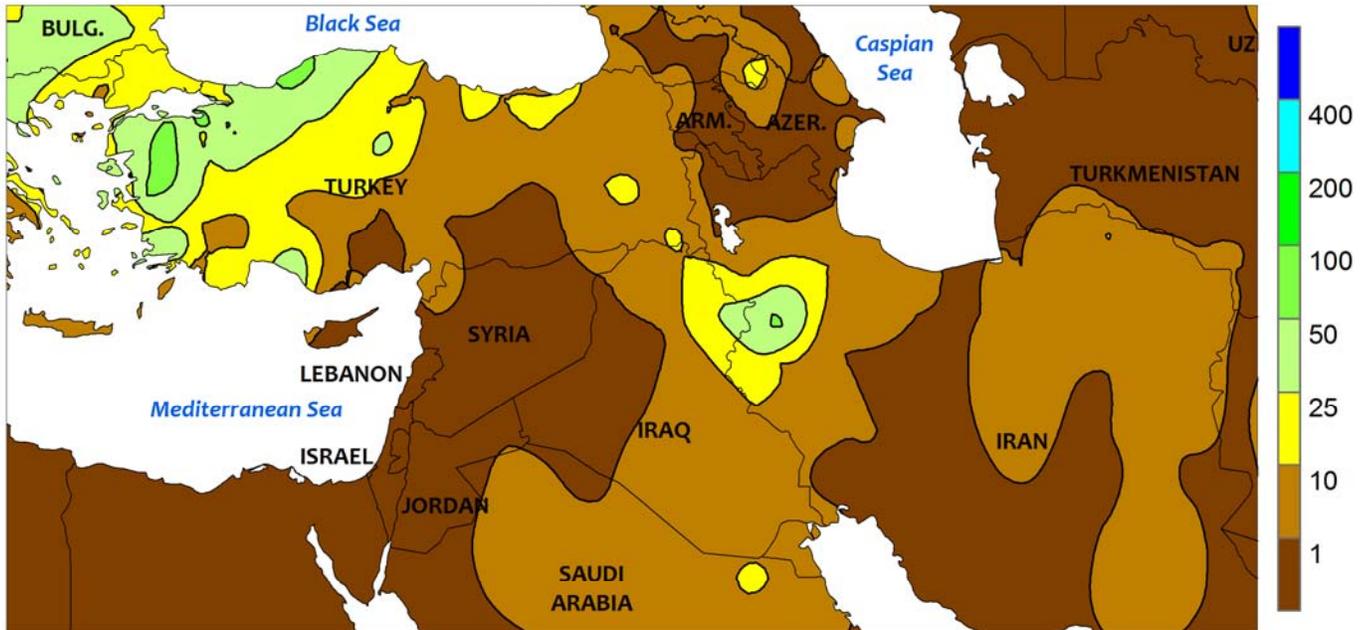


**WESTERN FSU**

Warm, wet conditions continued over much of the region, although dry weather returned to northern- and western-most crop areas. Light to moderate rain (2-30 mm) accompanied a storm system as it tracked northeastward from the Black Sea into Russia, maintaining or improving soil moisture for vegetative winter wheat as well as recently-planted corn and sunflowers. The rain, however,

did slow the planting of spring wheat and summer crops, particularly in central Russia. Showers bypassed an area stretching from western Ukraine into southern Belarus and northwestern Russia, where spring grain planting was able to proceed without delay. Temperatures averaged up to 4°C above normal, encouraging a faster-than-normal pace of crop development.

MIDDLE EAST  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

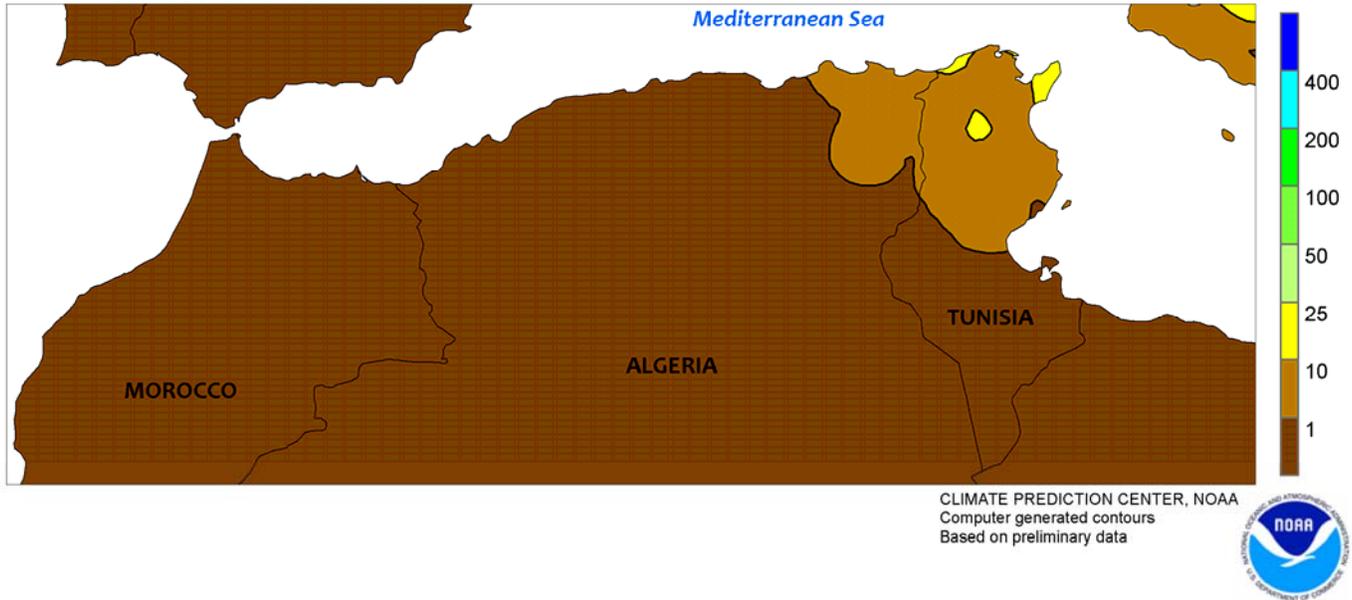


**MIDDLE EAST**

Unsettled weather in northern and western crop districts contrasted with warm, dry conditions in central growing areas. A Mediterranean storm tracked northeast across Turkey, producing 10 to locally more than 60 mm of rain across northern and western portions of the country. The rainfall was overall beneficial for summer crop establishment, but was too late for filling to maturing winter wheat. In addition, the wet

weather also hampered any late cotton planting in western Turkey. In contrast, crop areas from the eastern Mediterranean Coast into southern Iraq were sunny and hot, accelerating winter wheat toward maturity in the north and promoting rapid drydown and harvesting in the south. Showers (1-11 mm) dotted northern and central Iran, maintaining favorable soil moisture for filling to maturing wheat and barley.

NORTHWESTERN AFRICA  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014

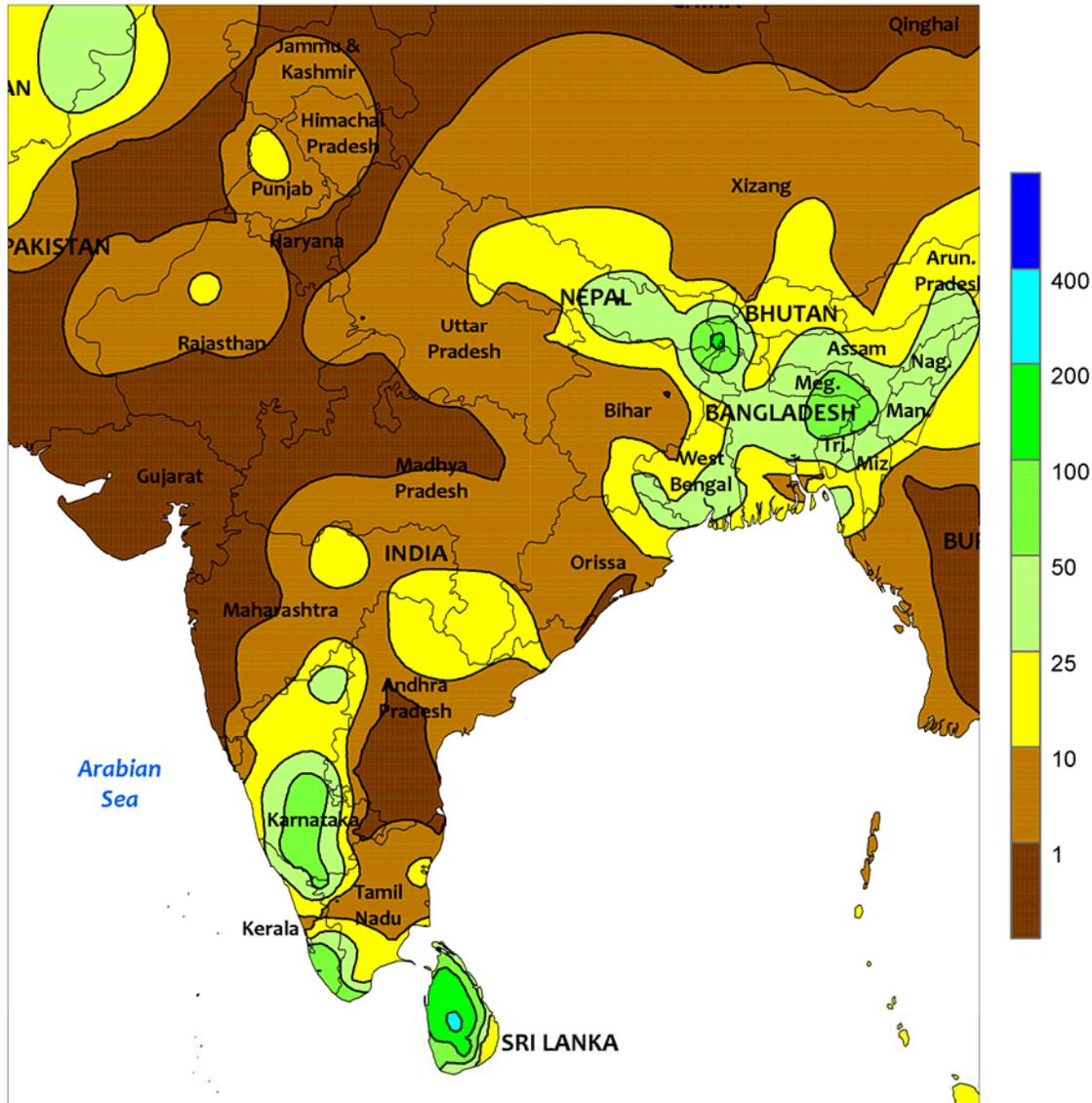


**NORTHWESTERN AFRICA**

Mostly dry, increasingly hot weather promoted winter grain drydown and harvesting in the west and accelerated crops through reproduction toward maturity in the east. Sunny skies were overall beneficial for winter wheat and barley development in Algeria and Tunisia, although a few light

showers (mostly less than 10 mm) maintained soil moisture for flowering to filling winter wheat in eastern-most growing areas. In Morocco, sunny skies and daytime highs in excess of 30°C were favorable for wheat maturation, drydown, and harvesting.

SOUTH ASIA  
 Total Precipitation (mm)  
 APR 27 - MAY 3, 2014



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

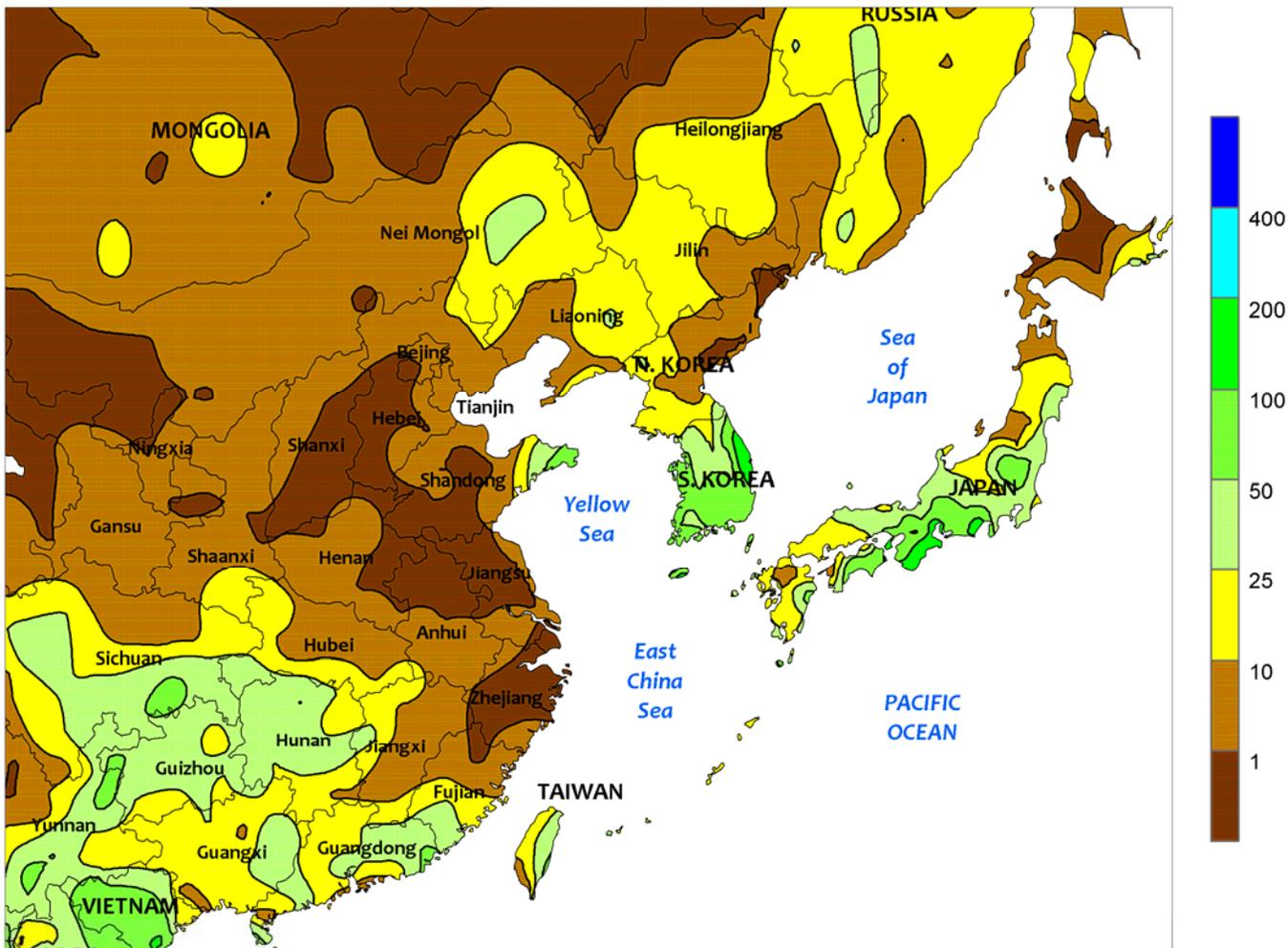


**SOUTH ASIA**

Ever hotter weather expanded across India as temperatures soared into the mid 40s (degrees C). While the oppressive heat makes fieldwork difficult, the hot weather is necessary to adequately establish the monsoon in early June. Pre-monsoon showers continued across much of southwestern India, with upwards of 80 mm occurring in parts of Kerala and Karnataka. Showers (25-80 mm) also

occurred in northeastern India and into Bangladesh. Reports of lingering wheat harvesting continued in northern India, while cotton planting continued in Punjab and Haryana as well as into neighboring areas of Pakistan. Meanwhile, heavy rainfall (nearly 200 mm) in Sri Lanka boosted totals since March 1 well above normal for the smaller of the two rice crops.

EASTERN ASIA  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

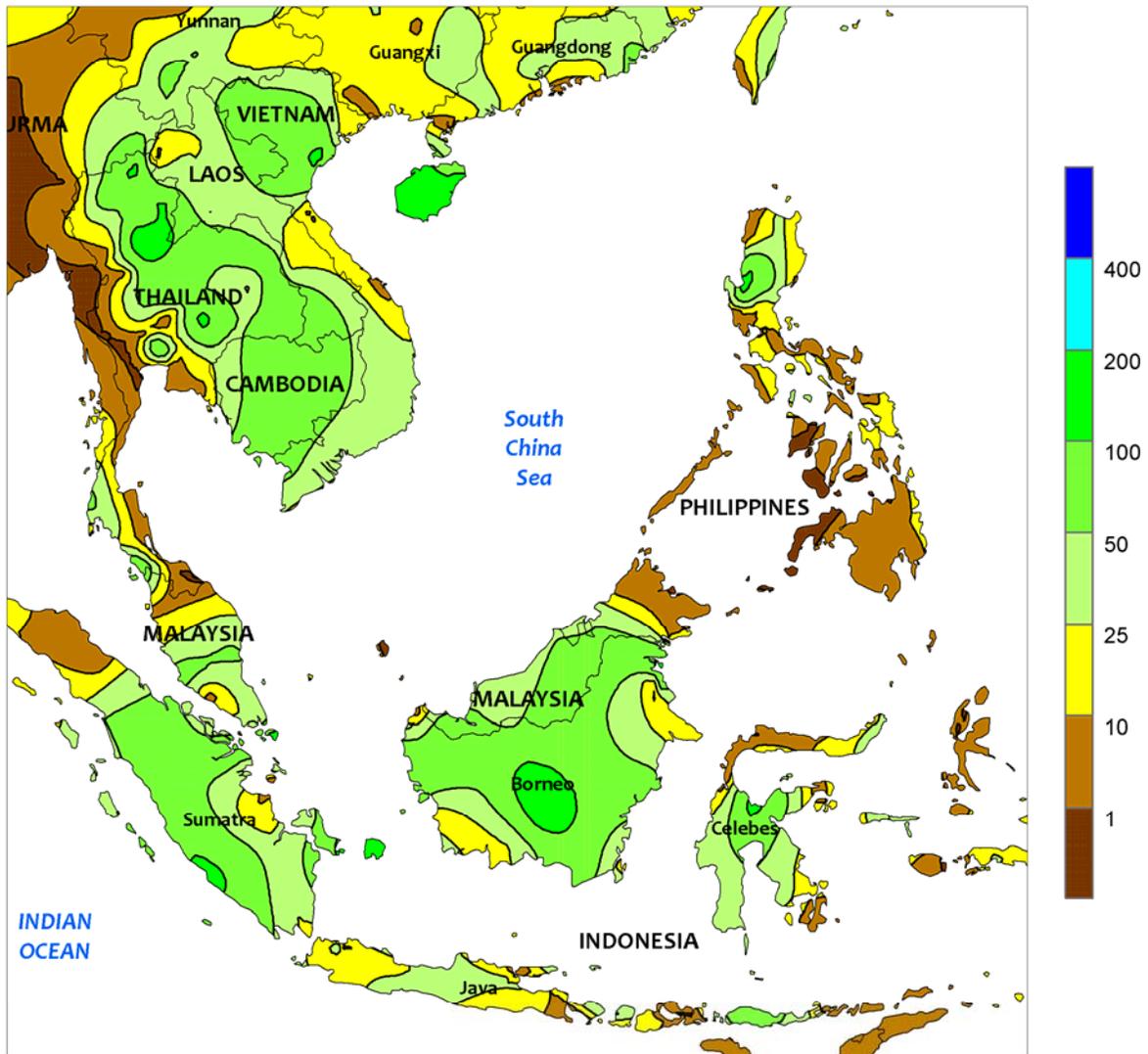


**EASTERN ASIA**

Dry weather prevailed in east-central China, while showers occurred in much of the northeast and southern parts of the country. In northeastern China, corn, rice, and soybean planting was underway, with brief periods of showers (1-15 mm, mainly in the latter half of the week) causing few delays. The rainfall was particularly timely as there was very little carry-over soil moisture from last autumn, due in large part to unseasonably warm weather throughout much of the spring. However, dry weather continued in western corn areas of Heilongjiang, where topsoil moisture was limited for germination. Farther south, mostly dry weather on the North China Plain benefited filling winter wheat, and with

continued temperatures averaging 1 to 2°C above normal, the crop would likely be ready for harvest by month's end (2 weeks ahead of normal). Meanwhile in the Yangtze Valley, brief, light showers (less than 10 mm) across Hubei, Anhui, and Jiangsu maintained favorable moisture supplies for rice and recently planted summer crops. Heavier showers (25-65 mm) in Hunan and southern Sichuan boosted moisture supplies and, in the case of Hunan, brought spring rainfall totals to near normal. Elsewhere in the region, warm weather allowed rice transplanting to begin on the Korean Peninsula and in Japan, with 25 to nearly 100 mm boosting moisture supplies in most areas.

SOUTHEAST ASIA  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

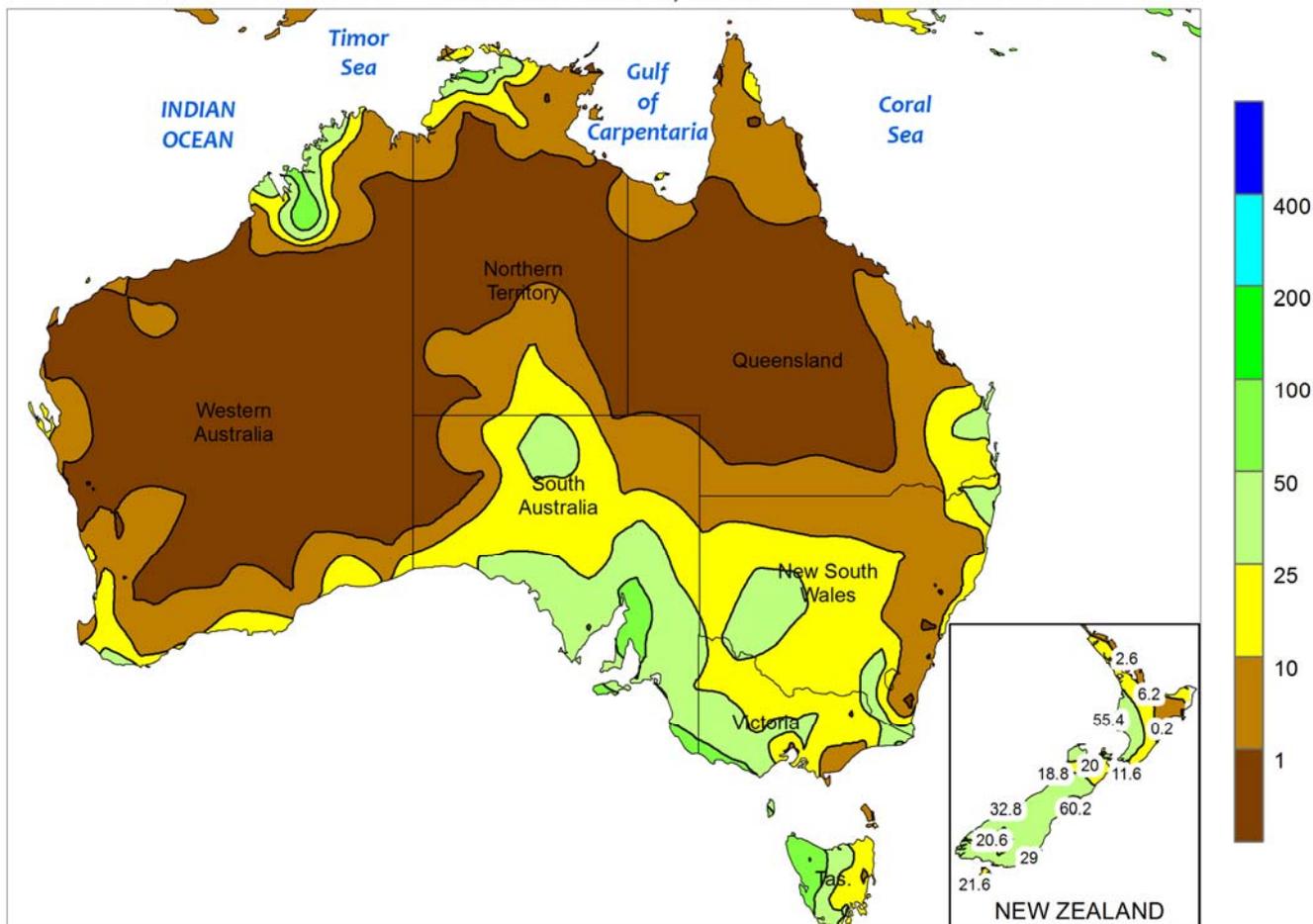


SOUTHEAST ASIA

Pre-monsoon showers continued across Thailand, as 25 to over 100 mm of rain provided a beneficial boost in moisture supplies prior to the start of the summer monsoon. The bulk of the monsoon rains remained well south of Indochina, bringing more unfavorable wetness to mature rice in Indonesia, although the rain was beneficial to oil palm. Heavy showers (50-100 mm) were also prevalent in

northern Vietnam, where spring rice was ripening and would soon be ready for harvest. Summer rice was being transplanted in southern Vietnam under generally warm, dry conditions. Meanwhile in the Philippines, rainfall (10-25 mm) was confined to eastern coastal areas as well as much of Luzon as rice and corn planting began in advance of the summer monsoon.

AUSTRALIA  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

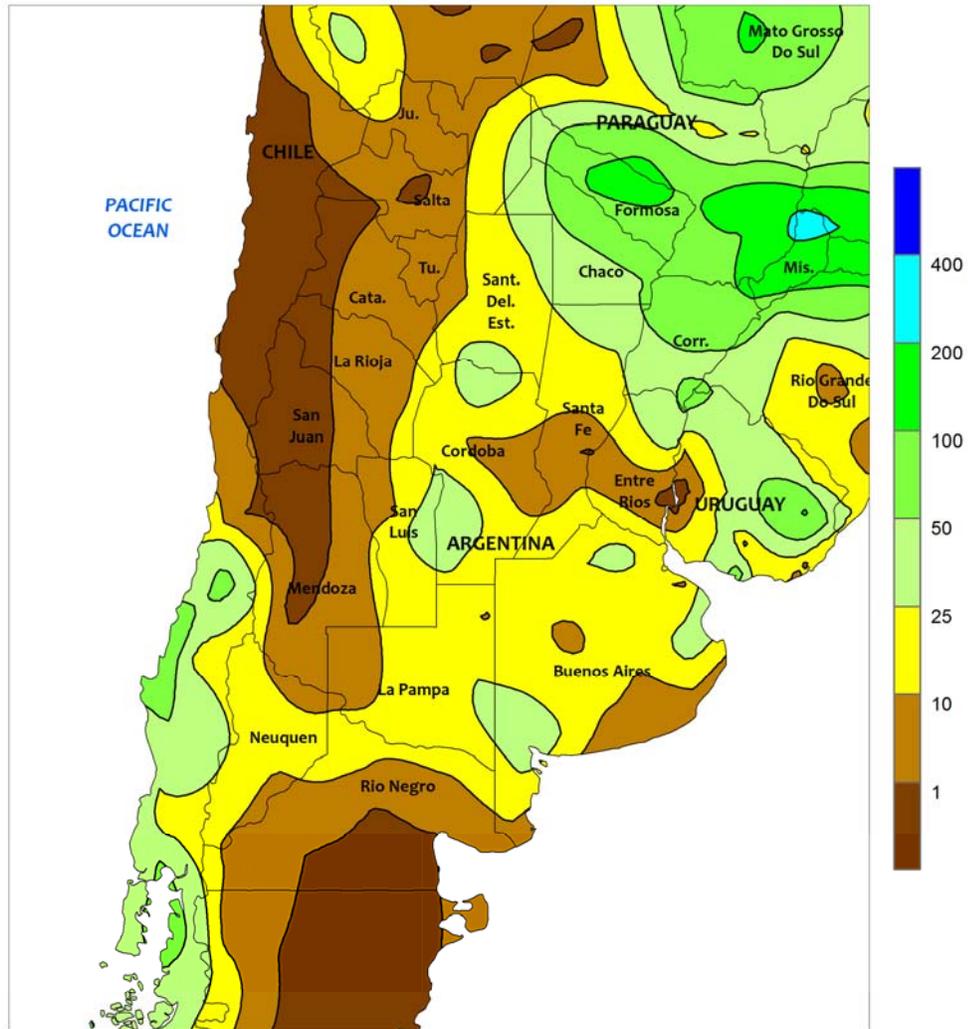


**AUSTRALIA**

In the wake of last week's beneficial rainfall, widely scattered showers (2-10 mm, locally more) and relatively cool weather favored early winter grain and oilseed planting in Western Australia. Farther east, soaking rains (15-50 mm) overspread most of South Australia, Victoria, and New South Wales, providing a welcomed boost in topsoil moisture in advance of winter crop sowing. Somewhat less rain (3-15 mm, locally more) fell across

northern New South Wales and southern Queensland, with the majority of the rain falling on eastern sections of the major winter wheat and summer crop producing areas. The rain may have slowed local cotton and sorghum harvesting but aided wheat germination and emergence. Temperatures in southern and eastern Australia averaged near normal, while in Western Australia temperatures averaged 1 to 2°C below normal.

ARGENTINA  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

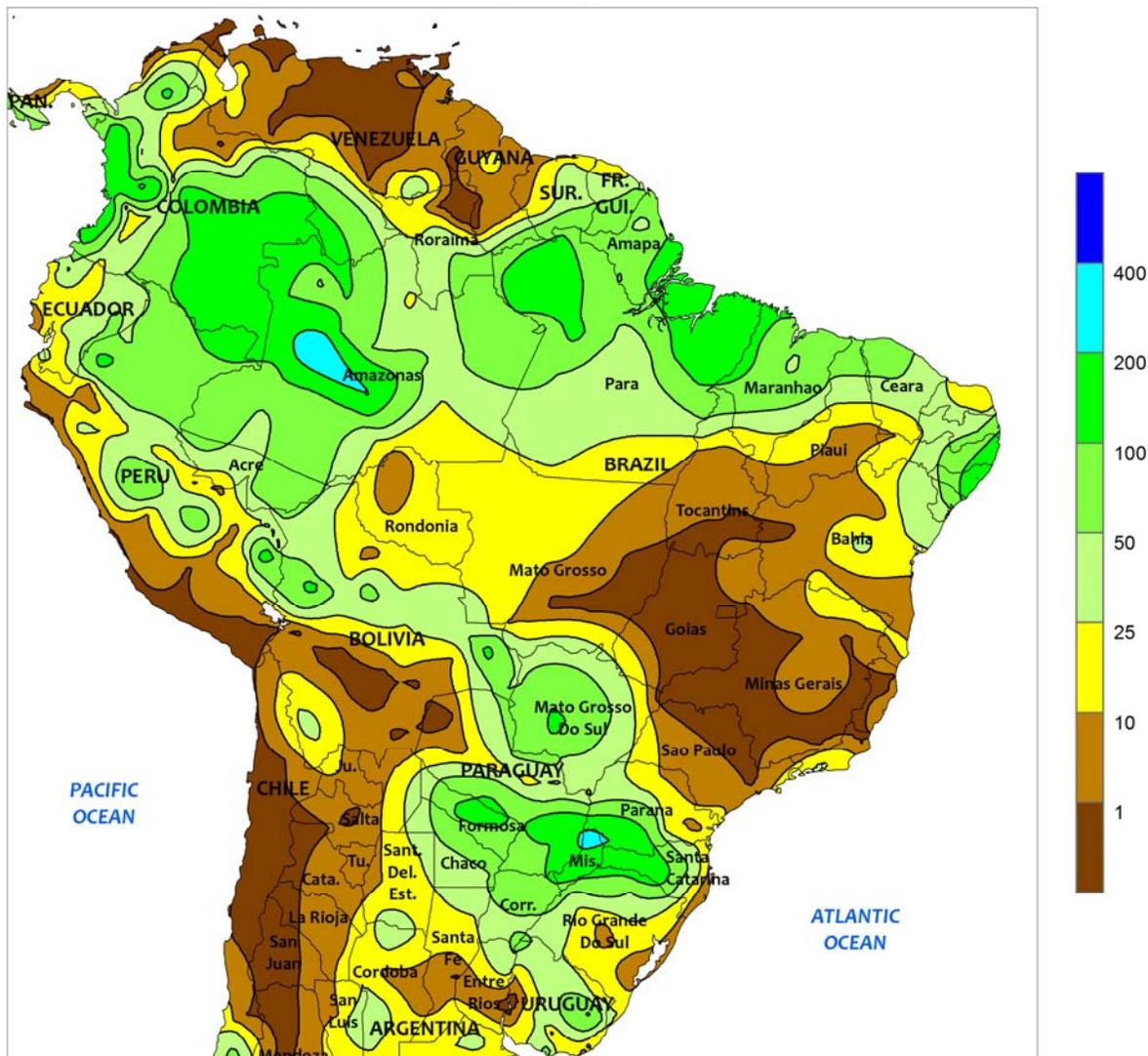


**ARGENTINA**

Wetter conditions developed in the main production areas of central and northern Argentina, disrupting fieldwork after several weeks of favorable harvest weather. Rainfall totaled 5 to 35 mm in most central farming areas, with heaviest amounts (greater than 25 mm) concentrated over southwestern Cordoba and southern sections of Buenos Aires. Heavier rain (25-100 mm) swept through northern agricultural areas, including major cotton areas stretching from Santiago del Estero and

northern Santa Fe to Formosa. The wet weather was especially untimely for open-boll cotton. Weekly average temperatures were near to slightly above normal throughout Argentina's summer production areas, with highest daytime temperatures ranging from the lower 20s (degrees C) in southern Brazil and La Pampa to the lower 30s in the far north (Formosa). Nighttime lows fell below 5°C in southern production areas but no freeze was recorded.

BRAZIL  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

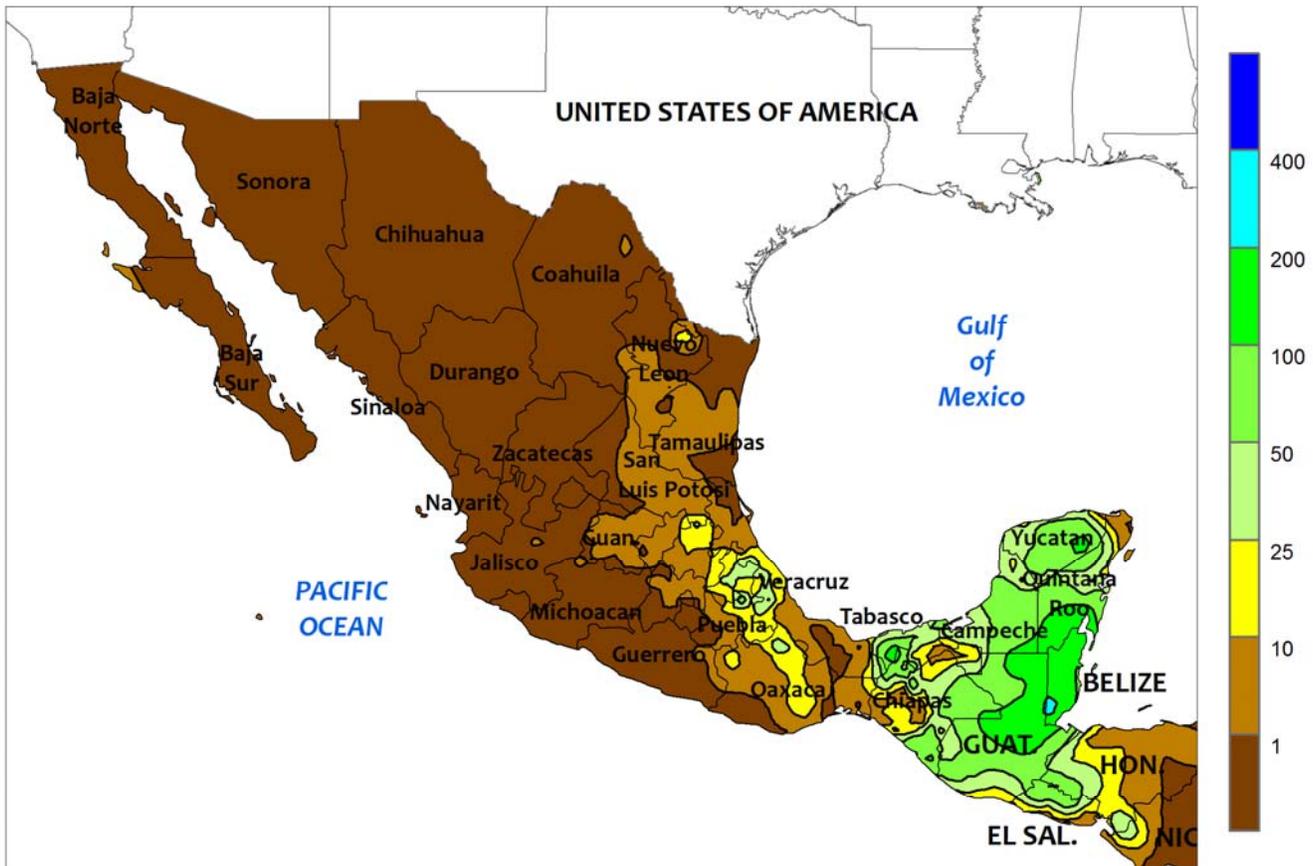


**BRAZIL**

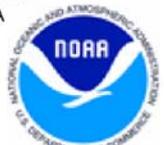
Seasonably drier conditions developed over central Brazil, ending several weeks of above-normal rainfall that benefited secondary (safrinha) corn and cotton. Little to no rainfall was recorded over a broad area stretching from southeastern Mato Grosso to western Bahia, southward through Minas Gerais and São Paulo. Near- to slightly below-normal temperatures accompanied the dryness, maintaining seasonable levels of evaporative losses and moisture requirements of immature row crops. Drier conditions are expected this time of year, but additional rainfall is always welcome for immature safrinha crops and can result in higher yields. Sugarcane and coffee

areas of São Paulo and Minas Gerais are also entering their driest time of year, although some rain is still expected, and the dryness was unfavorable. Elsewhere, moderate to heavy rain (25-100 mm) sustained overall favorable crop prospects in southern corn areas (Rio Grande do Sul to Mato Grosso do Sul), where near- to above-normal temperatures (daytime highs reaching the upper 20s degrees C) fostered rapid growth of well-watered crops. Meanwhile, seasonal showers increased along the northeastern coast, with rainfall totaling more than 25 mm in key sugarcane and cocoa areas as far south as northeastern Bahia.

MEXICO  
 Total Precipitation (mm)  
 APR 27 - MAY 3, 2014



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

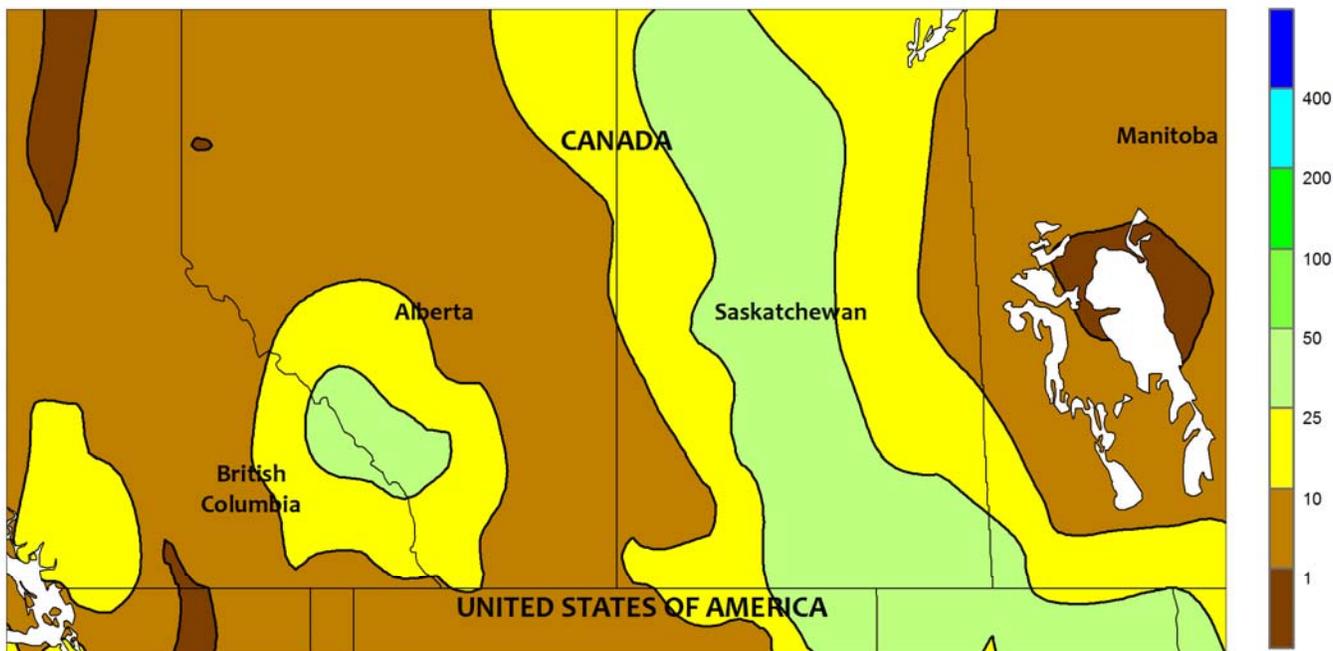


**MEXICO**

Seasonal rain continued in eastern sections of the corn belt, keeping topsoils moist for germination. Rainfall totaled 5 to 25 mm from Guanajuato eastward to Veracruz, where planting was underway in response to recent beneficial rainfall. Daytime highs reaching the upper 20s and lower 30s (degrees C) and minimum temperatures above 5°C also favored early development. The eastern rainfall reached into Oaxaca, but dry weather persisted in other corn areas along the southern Pacific Coast (Guerrero to Jalisco) and in western sections of

the southern plateau, where farmers awaited moisture for planting. Elsewhere, heavy rain (25-100 mm, locally higher) fell throughout the Yucatan Peninsula, marking the heaviest rainfall thus far in the season. In contrast, rainfall diminished from the previous week in the northeast (Coahuila to Tamaulipas), and mostly dry weather continued in the northwest; near- to above-normal temperatures (daytime highs reaching the upper 30s) across the north aided rapid drydown of winter grains.

CANADIAN PRAIRIES  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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

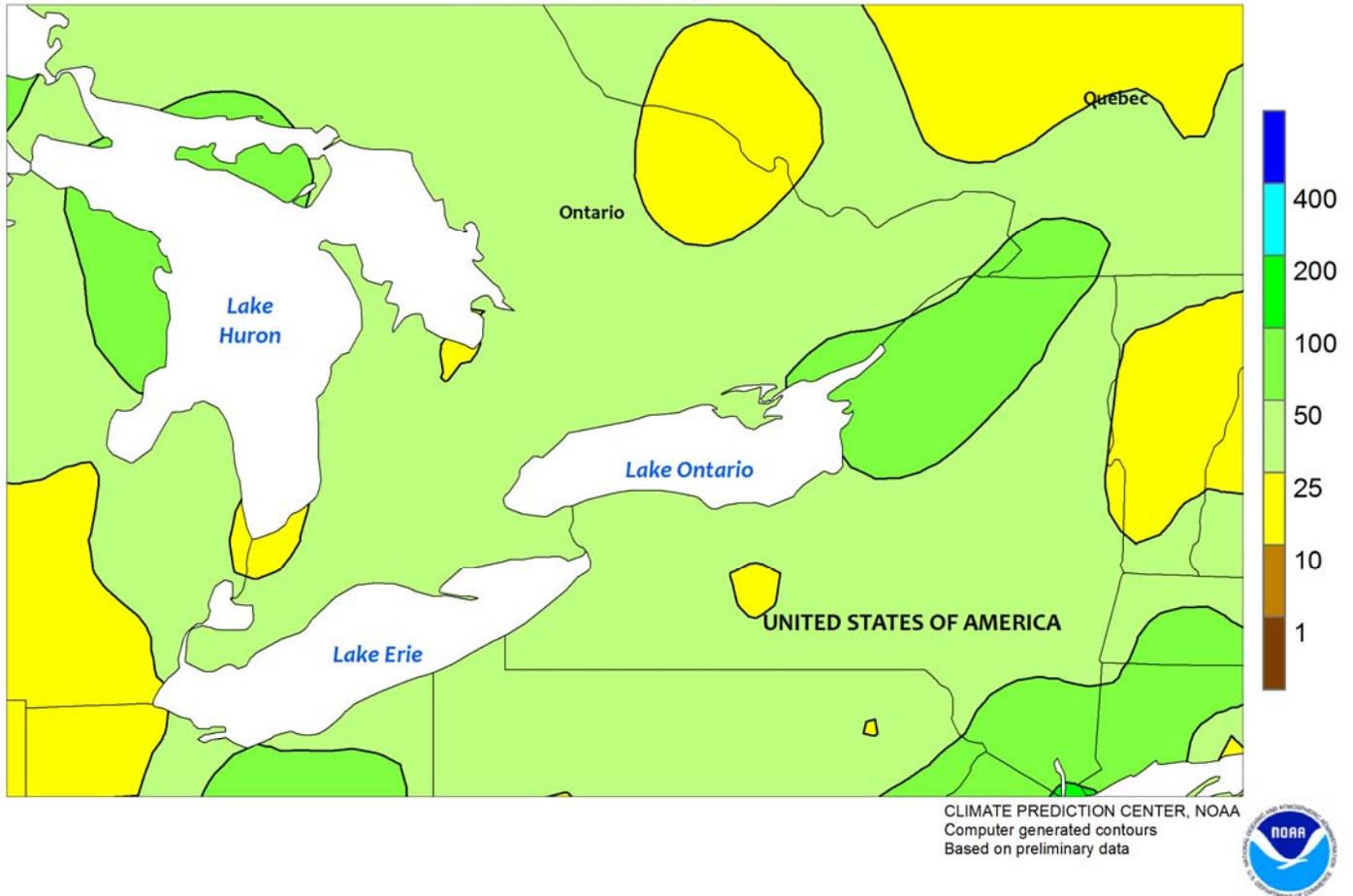


**CANADIAN PRAIRIES**

Locally heavy rain increased topsoil moisture for germination of spring grains and oilseeds. Rainfall totaled 10 to 35 mm throughout central and southern Saskatchewan and southern sections of Manitoba and Alberta. Fieldwork is usually underway by early May in many of the region's agricultural districts, although planting typically becomes more widespread by mid-month, giving the drier locations a bit more time to accrue topsoil moisture needed for

germination. Weekly average temperatures were near to below normal, slowing germination rates as well as the greening of winter grains and pastures. Nighttime lows commonly fell below freezing, with temperatures of -5°C or lower in southwestern sections of Alberta. However, the last spring freeze generally occurs in late May or early June (depending on the location) so cold weather of this degree is common for this time of year.

SOUTHEASTERN CANADA  
Total Precipitation (mm)  
APR 27 - MAY 3, 2014



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



**SOUTHEASTERN CANADA**

The continuing trend of cool, showery weather has resulted in generally favorable conditions for wheat and pastures throughout the region. Rainfall totaled 10 to more than 25 mm across most agricultural districts in Ontario and Quebec, with amounts exceeding 50 mm in parts of Quebec. Weekly average temperatures were near to slightly below normal in Ontario (daytime highs reaching the middle and upper teens degrees C in

most areas) and slightly above normal in Quebec (mostly the upper teens); despite the recent cooling trend, temperatures have been high enough to allow wheat and pastures to break dormancy in most areas. However, nearly all locations recorded temperatures at or below freezing, limiting early crop growth. The average date of the last spring freeze ranges from early May in southwestern Ontario to late May in Quebec.

30 Apr 2014  
19:02 UTC



**GOES East VIS**  
**April 30, 2014**  
**3:02 pm EDT**

On April 30, cloudiness associated with a slow-moving storm covered much of the central and eastern U.S. In Pensacola, FL, the rainfall total for April 29-30 reached 20.47 inches.

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