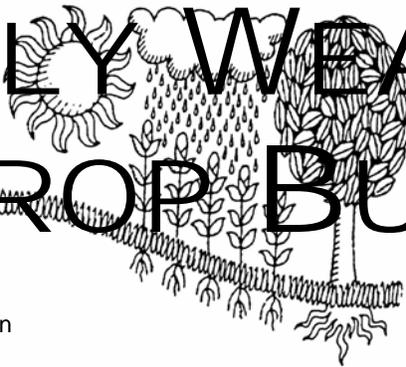
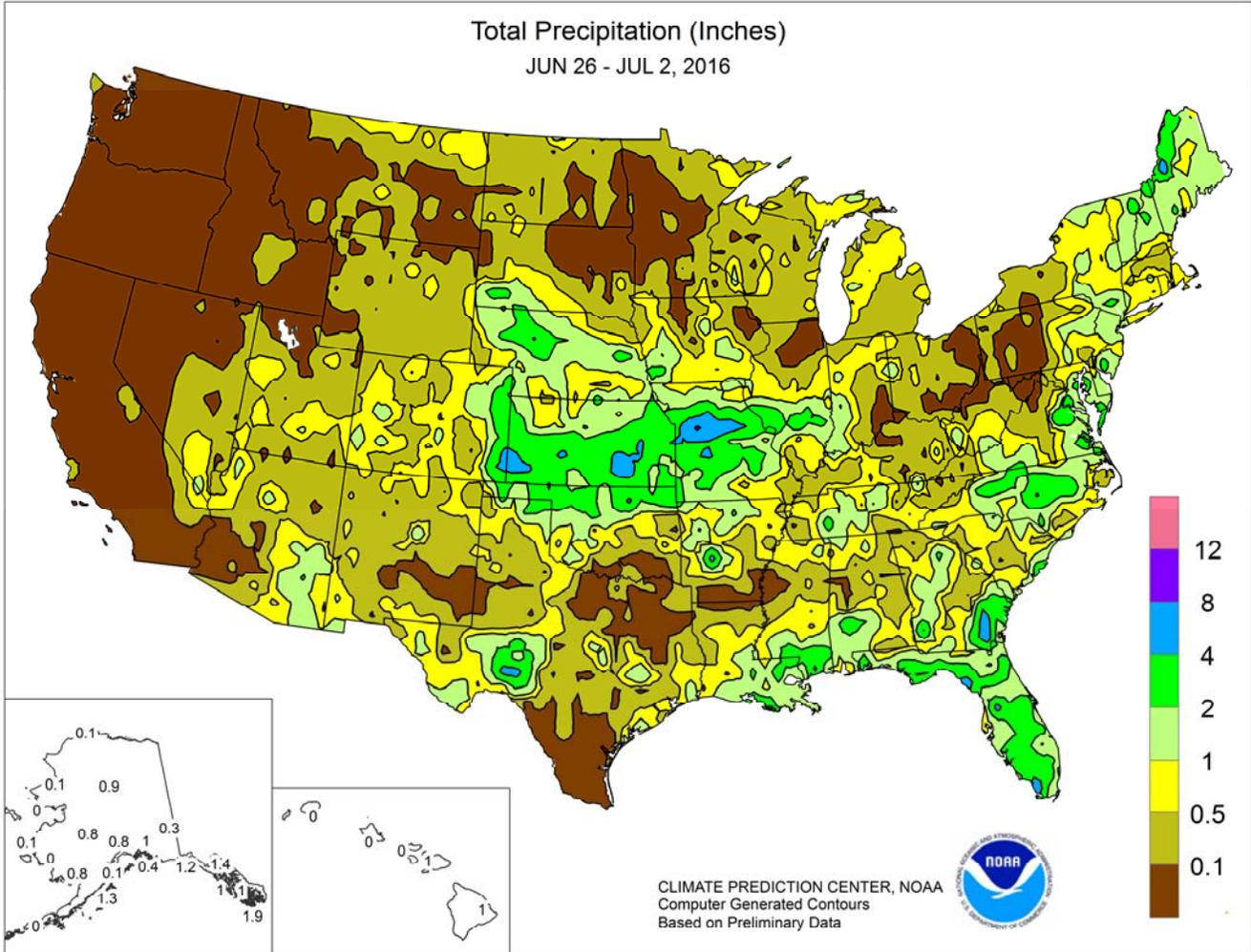


WEEKLY WEATHER AND CROP BULLETIN



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

June 26 – July 2, 2016

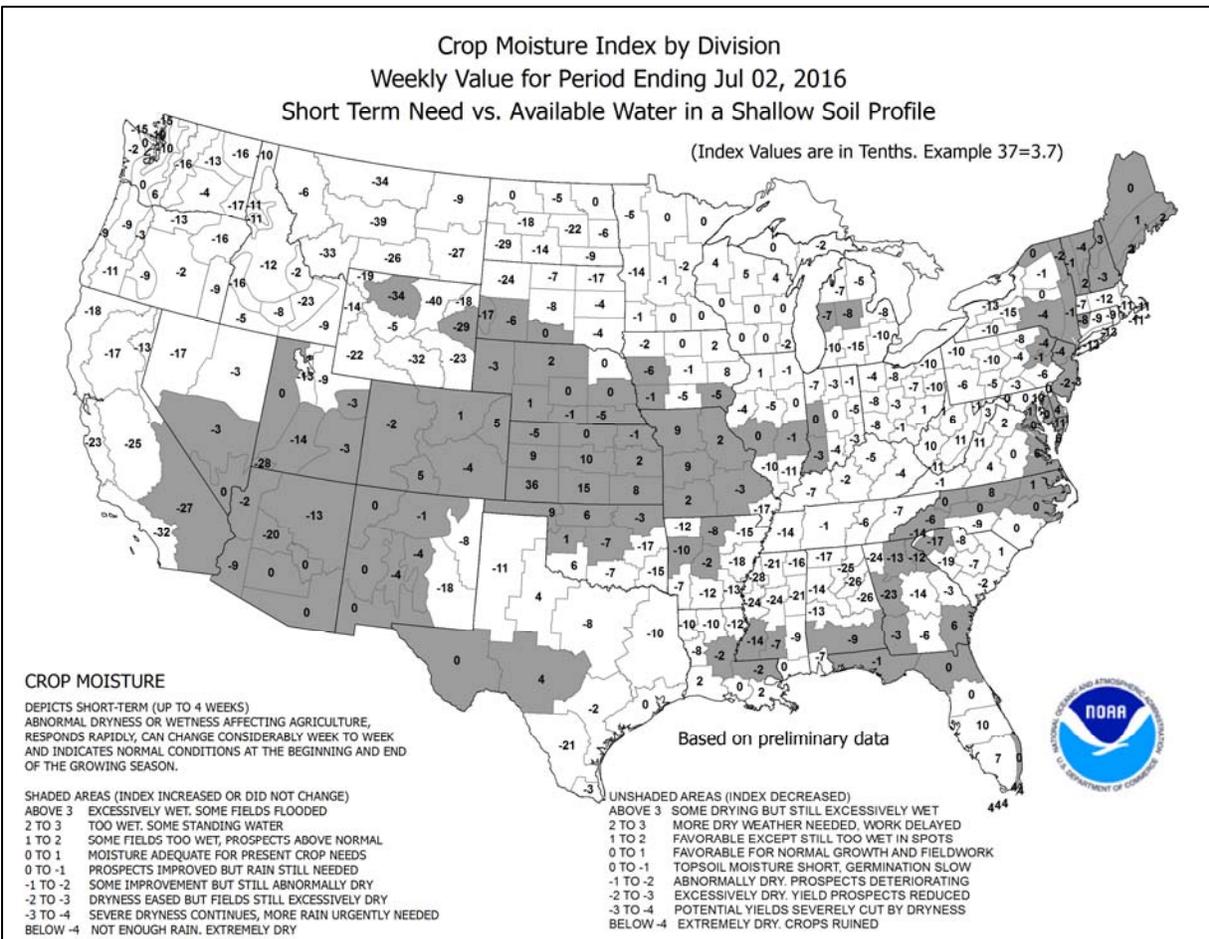
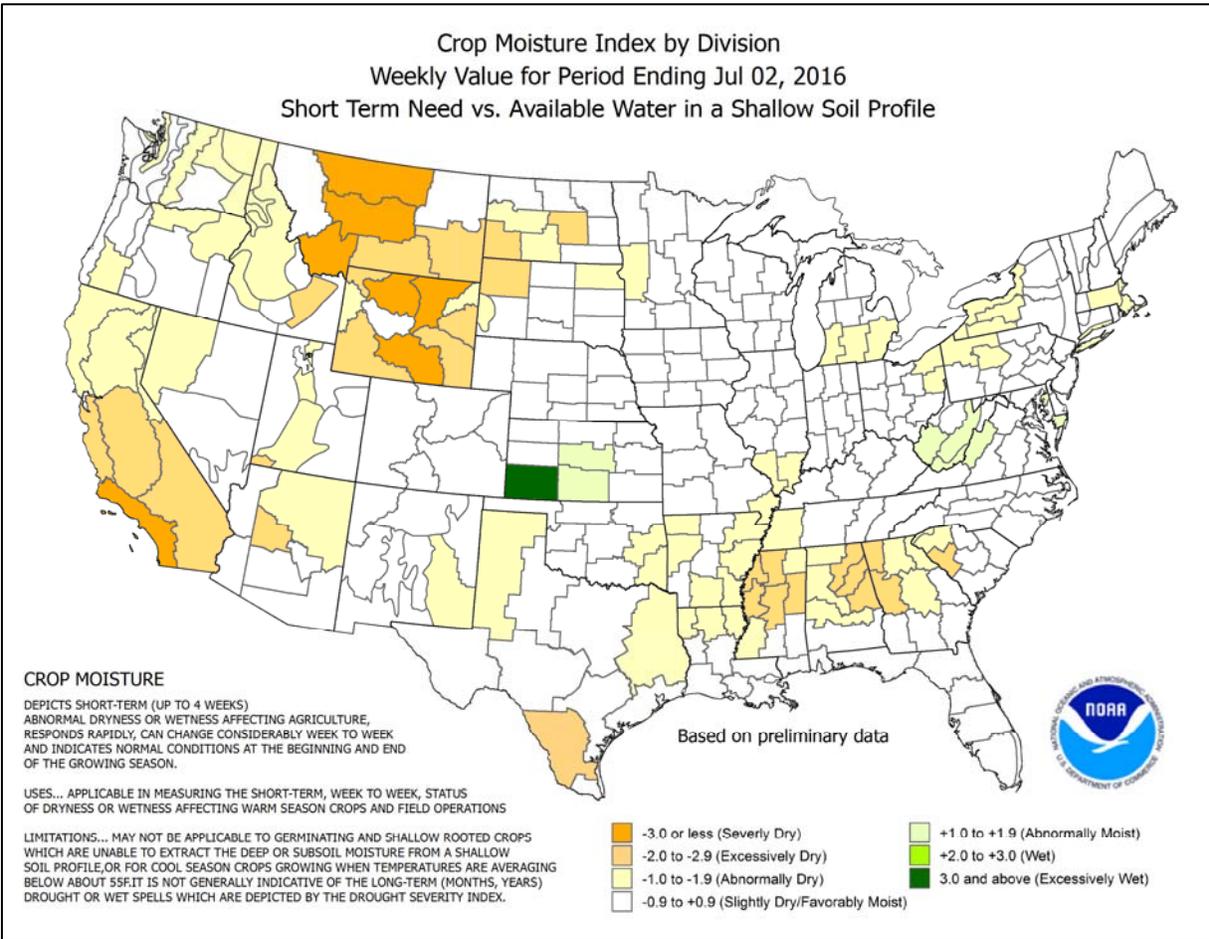
Highlights provided by USDA/WAOB

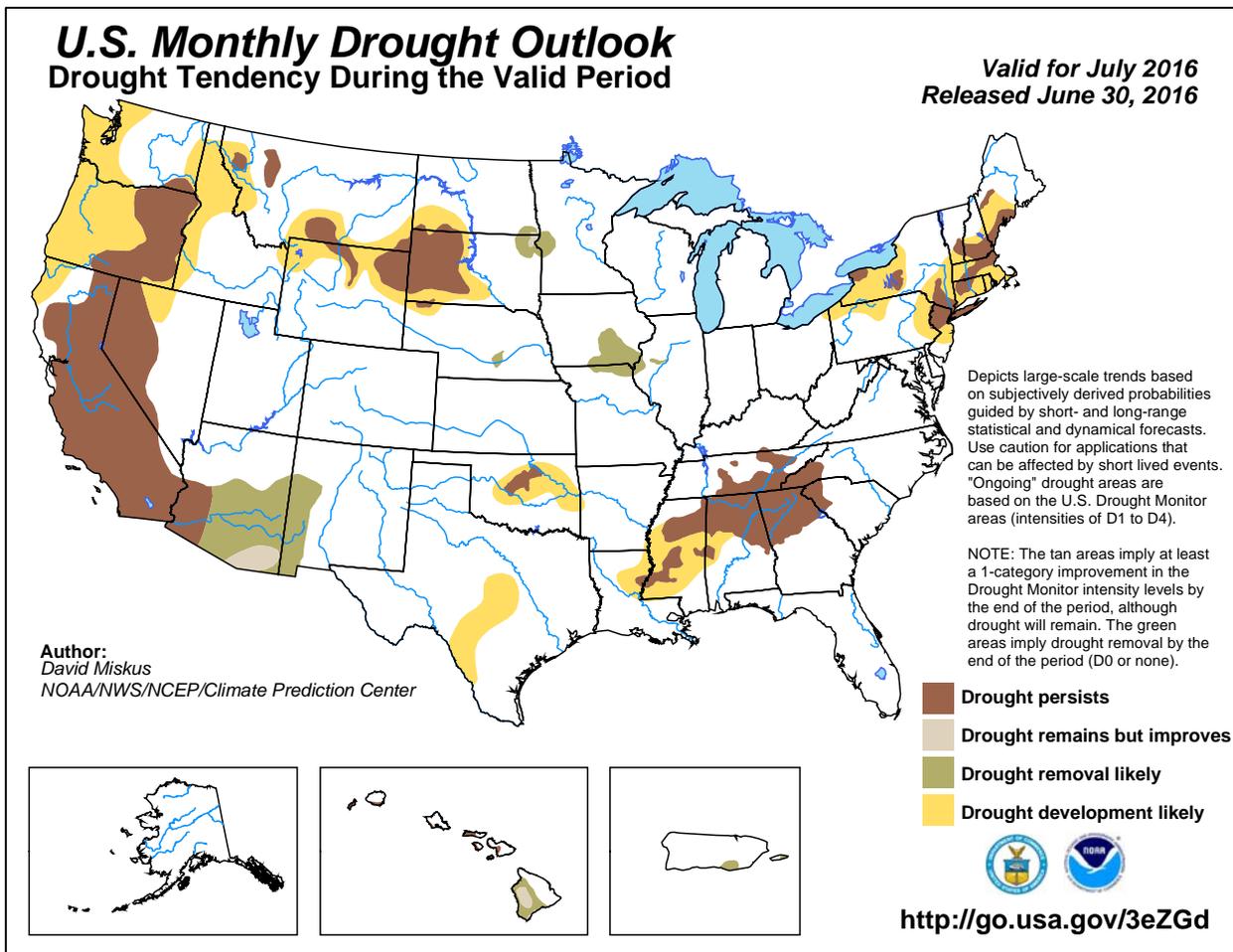
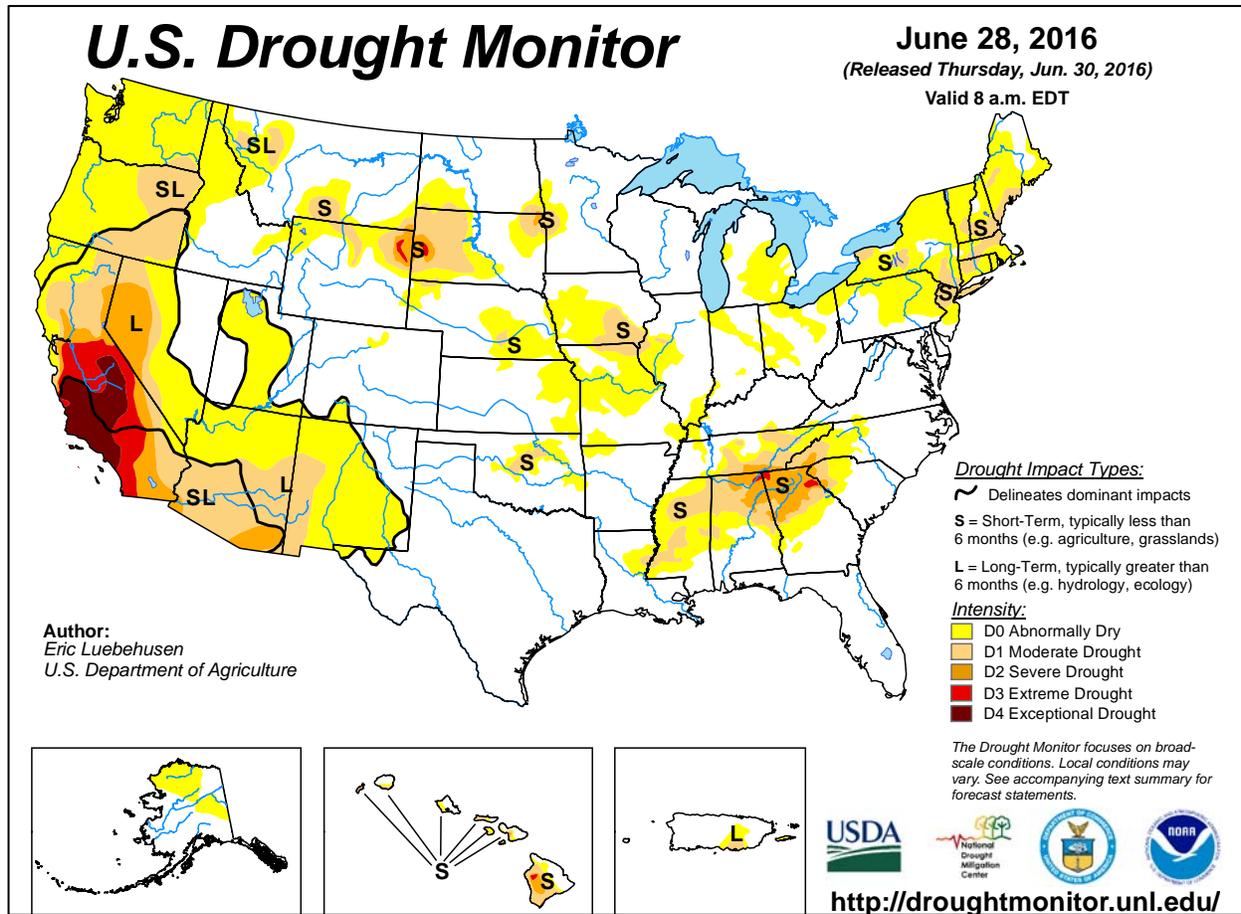
Cooler air arrived in the **Midwest**, accompanied by significant rainfall in the **southwestern Corn Belt**. Weekly rainfall totals of 2 to 4 inches or more were common across **Missouri** and environs, aiding pastures and summer crops. Heavy rain also fell on the **central Plains**, boosting topsoil moisture but slowing the winter wheat harvest. Across the **northern Corn Belt**, however, mostly dry weather accompanied the turn toward cooler weather. Dry weather also dominated the **northern High Plains** and the **Far West**—along with above-normal

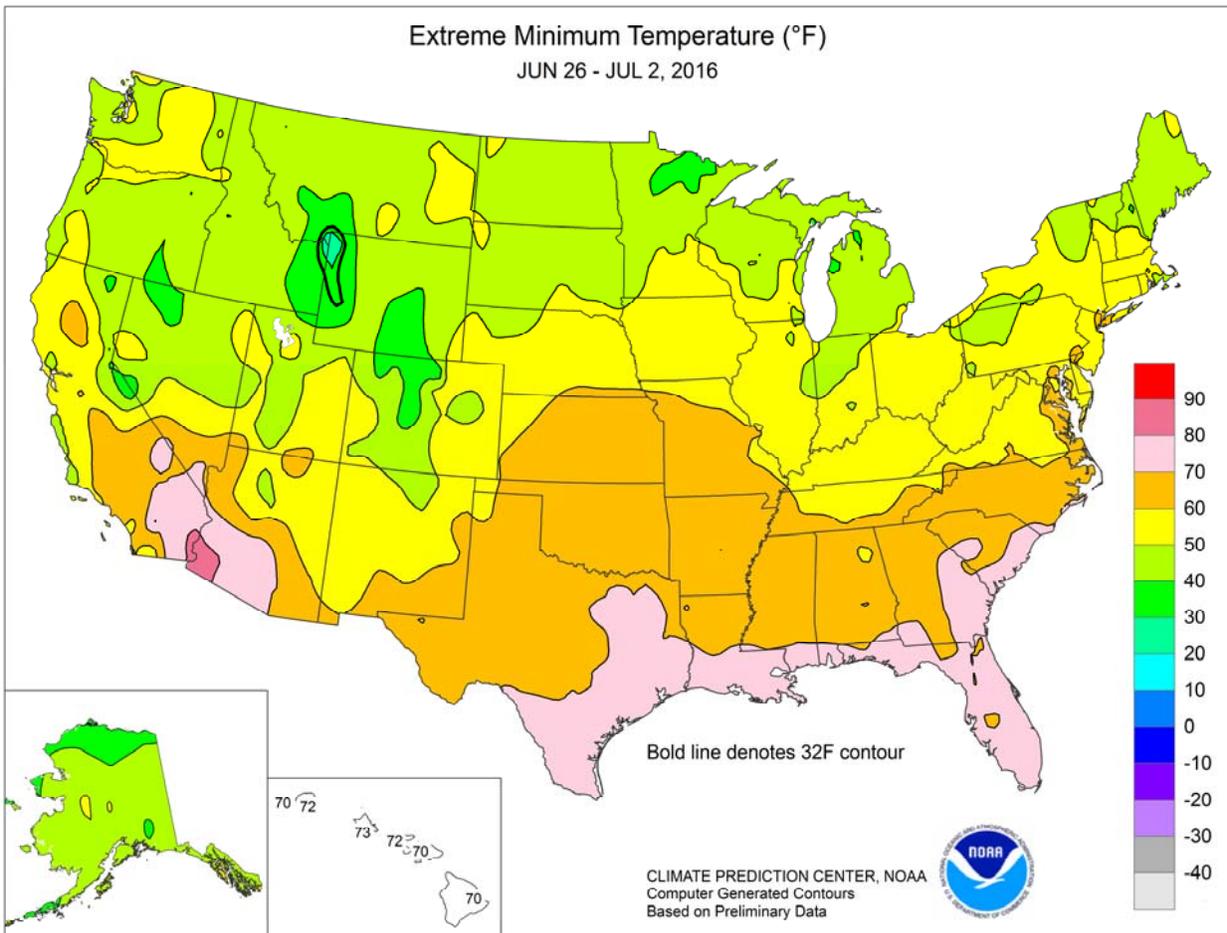
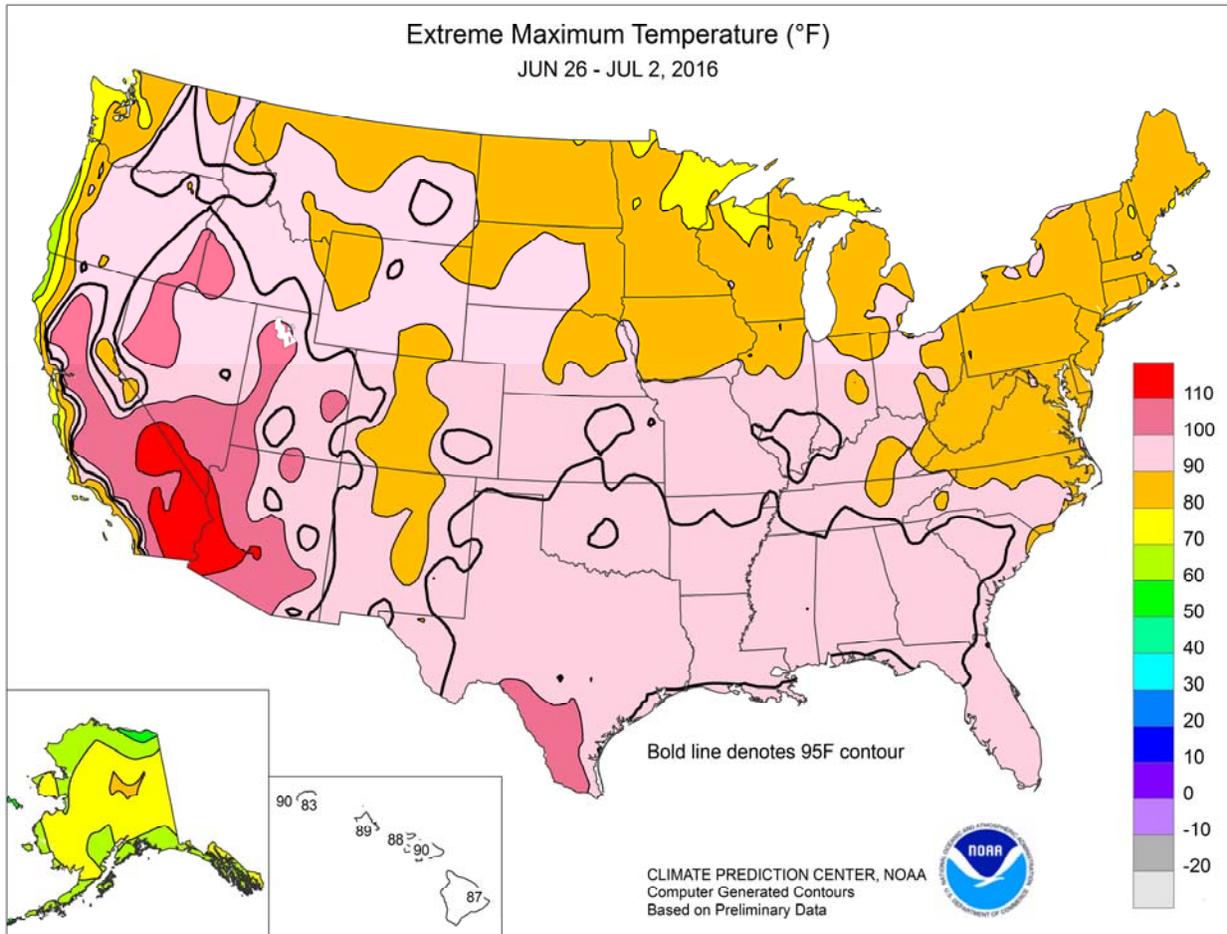
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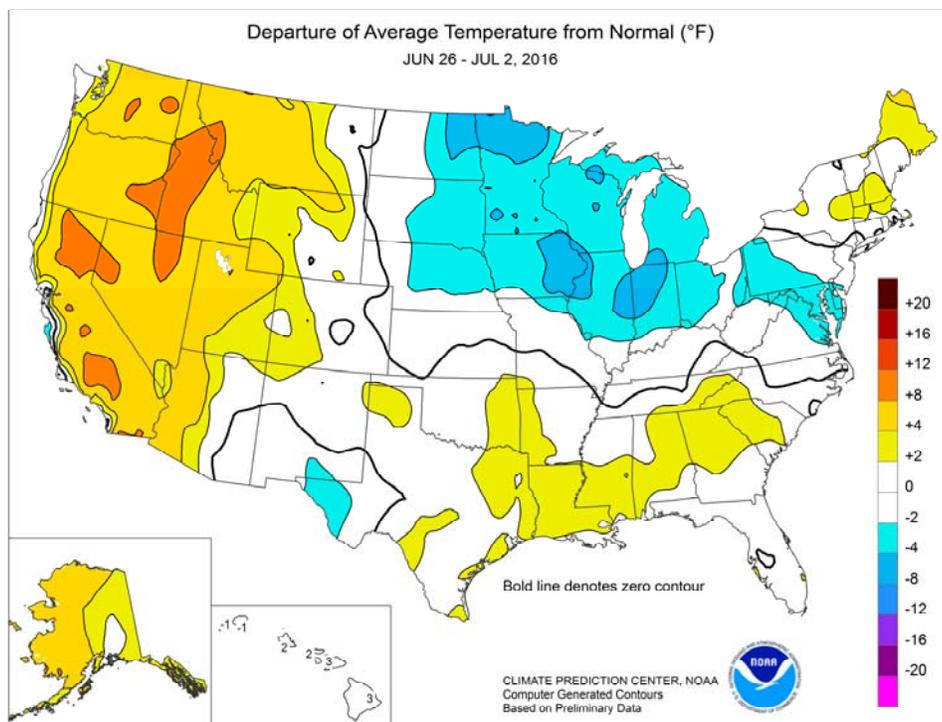


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temperatures. Weekly temperatures averaged at least 10°F above normal in parts of **California**, the **northern Great Basin**, and the **interior Northwest**, but were as much as 5°F below normal in the **Midwest**. **Northwestern** heat favored winter wheat maturation and early harvest efforts, while the **Midwestern** cool spell benefited summer crops, especially corn entering reproduction. Elsewhere, monsoon-related showers increased in coverage and intensity in the **Four Corners States** and environs, while only spotty showers accompanied near- to above-normal temperatures across the **South** and **East**. As a result, pockets of drought persisted in the **northern Atlantic States** and the **interior Southeast**.

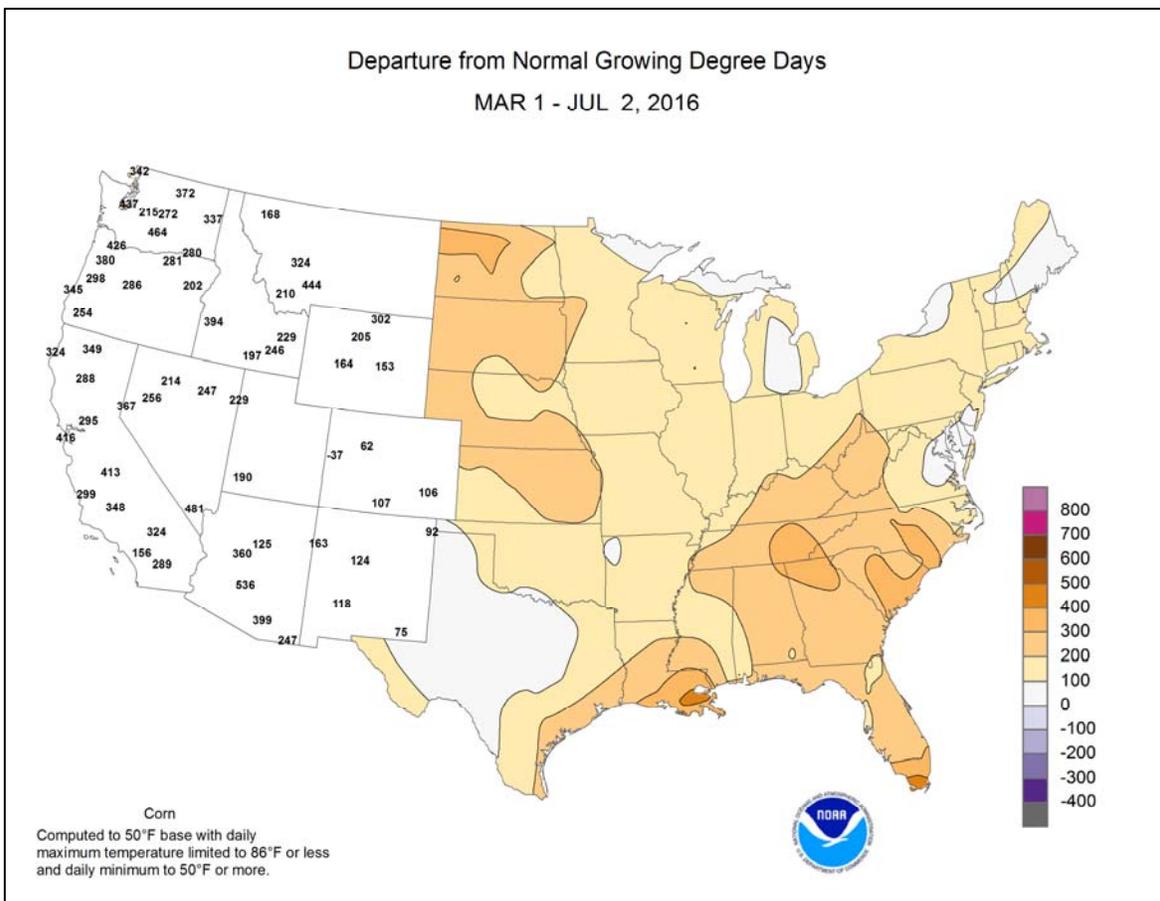
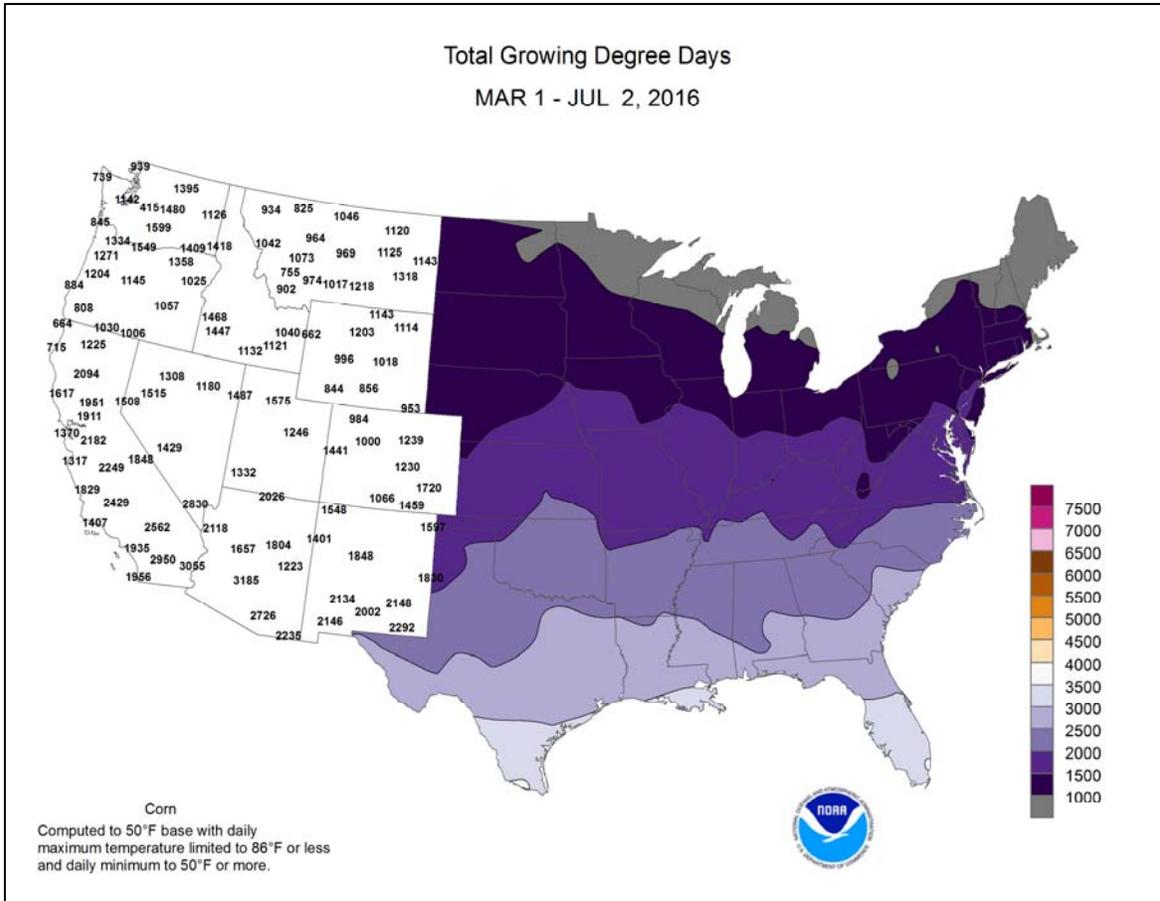
Persistent heat across the **West** and the **Deep South** led to several daily-record highs, especially during the first half of the week. In fact, triple-digit, daily-record highs were noted in locations such as **Cedar City, UT** (100°F on June 27), and **Birmingham, AL** (100°F on June 26). **Southern California** continued to experience hot weather, with daily-record highs occurring in locations such as **Lancaster** (107°F on June 26) and **Bishop** (106°F on June 27). Near **Lake Isabella, CA**, the tremendously destructive Erskine fire started on June 23 and eventually consumed more than 48,000 acres of vegetation, destroyed more than 280 structures—mostly homes—and resulted in two fatalities. In contrast, surges of cool air arrived across the **northern Plains** and the **Midwest**. On July 1, **Sisseton, SD**, posted a daily-record low of 41°F. The following day, on July 2, **Norfolk, NE**, reported a high temperature of 64°F and received 1.10 inches of rain.

The late-week rain was particularly heavy from the **central Plains into the middle Mississippi Valley**. Record-setting totals for July 2 reached 5.72 inches in **Wichita, KS**, and 4.33 inches in **Kansas City, MO**. For **Wichita**, it was also the wettest July day on record, easily supplanting the 3.52-inch total of July 31, 1950. For **Kansas City**, it was the wettest July day since July 6, 1986, when 5.08 inches fell. The late-week deluge across the **nation's mid-section** was in part fueled by the interaction between monsoon moisture and a cold front. Based on dewpoint definitions, the monsoon onset in **Arizona** occurred on June 25 in **Tucson** and on June 27 in **Phoenix**. **Tucson** netted a daily-record rainfall (1.15 inches) on June 29. The following day, record-setting rainfall totals for June 30 included 0.55 inch in **Kingman, AZ**, and 0.47 inch in **Las Vegas, NV**. Farther north, however, the driest June on record came to a close in **Billings, MT** (0.23 inch, or 11 percent of normal;



previously, 0.24 inch in 1961 and 2012), and **Grand Island, NE** (0.05 inch, or 1 percent of normal; previously, 0.43 inch in 1922). June rainfall was less than 30 percent of normal in **Midwestern** locations such as **Quincy, IL** (1.02 inches, or 26 percent of normal), and **Burlington, IA** (1.06 inches, or 24 percent). In **Michigan**, June rainfall totaled less than an inch in **Flint** (0.67 inch, or 22 percent of normal) and **Lansing** (0.59 inch, or 17 percent). Earlier, locally heavy showers had dotted the **South** and **East**. Daily-record totals topped the 2-inch mark in locations such as **San Angelo, TX** (3.30 inches on June 27); **Salisbury, MD** (2.91 inches on June 28); **Hot Springs, AR** (2.63 inches on June 26); **Williamsport, PA** (2.59 inches on June 28); and **Oklahoma City, OK** (2.30 inches on June 26). **San Angelo's** deluge boosted its monthly total to 7.02 inches, eclipsing its June 1940 standard of 6.75 inches.

Widespread showers dotted **Alaska**, with the heaviest precipitation reported across southeastern and interior sections of the state. **Southeastern Alaska's** heaviest rain fell from June 30 – July 2, when 3-day totals reached 1.91 inches on **Annette Island** and 1.36 inches in **Juneau**. Above **Juneau**, **Lake Mendenhall** experienced a record-setting crest on July 1 due to a glacial outburst, or jökulhlaup. The lake crested 2.99 feet above flood stage on July 1, exceeding the July 2014 high-water mark—which occurred during a similar outburst—by less than 2 inches. In contrast, mild, generally dry weather prevailed in **westernmost Alaska**. On July 1, **Cold Bay** managed to set both a daily-record high (66°F) and low (37°F). **Cold Bay** also posted a daily-record high (63°F) for June 30. Farther south, a wet month in many of **Hawaii's** windward locations came to an end. On the **Big Island**, **Hilo's** June rainfall totaled 11.19 inches (152 percent of normal).



National Weather Data for Selected Cities

Weather Data for the Week Ending July 2, 2016

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 JUN 1	PCT. NORMAL SINCE JUN 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	94	70	100	64	82	3	1.31	0.32	1.31	3.97	97	25.59	87	90	39	6	0	1	1
HUNTSVILLE	95	69	99	61	82	4	1.56	0.59	1.56	4.39	98	22.69	72	81	39	7	0	1	1
MOBILE	93	74	97	72	83	2	2.71	1.47	2.35	7.27	135	35.43	102	94	54	7	0	3	1
AK MONTGOMERY	97	73	100	71	85	4	0.31	-0.83	0.29	2.73	61	25.10	84	88	42	7	0	3	0
ANCHORAGE	67	54	71	52	61	4	0.55	0.29	0.28	1.94	170	4.10	93	76	63	0	0	4	0
BARROW	54	35	65	31	44	5	0.09	-0.02	0.09	0.69	197	2.03	223	90	63	0	3	1	0
FAIRBANKS	73	56	80	53	65	2	1.12	0.76	0.44	3.51	234	5.39	154	89	73	0	0	6	0
JUNEAU	66	52	74	50	59	3	1.39	0.59	0.58	4.03	112	26.83	120	91	75	0	0	5	2
KODIAK	59	52	70	48	56	5	1.32	0.20	0.35	3.67	64	46.44	127	96	86	0	0	6	0
NOME	63	47	77	40	55	5	0.00	-0.32	0.00	0.35	28	3.43	70	85	70	0	0	0	0
AZ FLAGSTAFF	79	52	90	48	66	2	0.83	0.62	0.39	1.58	316	8.60	86	86	33	1	0	4	0
PHOENIX	105	85	113	78	95	4	0.01	-0.06	0.01	0.01	9	1.89	59	46	28	7	0	1	0
PRESCOTT	90	65	97	58	77	6	0.55	0.30	0.30	0.59	120	4.38	60	67	23	4	0	4	0
TUCSON	96	75	104	69	86	-1	2.22	2.05	0.83	2.44	813	4.97	142	70	44	5	0	4	3
AR FORT SMITH	96	72	97	68	84	4	0.17	-0.69	0.09	1.99	44	19.21	85	85	38	7	0	2	0
LITTLE ROCK	95	75	98	71	85	4	1.25	0.40	0.89	2.66	63	31.85	120	86	42	7	0	2	1
CA BAKERSFIELD	105	76	108	70	90	9	0.00	0.00	0.00	0.00	0	4.10	89	32	20	7	0	0	0
FRESNO	104	71	107	69	88	9	0.00	0.00	0.00	0.06	26	9.08	116	49	27	7	0	0	0
LOS ANGELES	75	65	78	64	70	2	0.00	0.00	0.00	0.00	0	6.00	64	84	70	0	0	0	0
REDDING	105	69	108	63	87	8	0.00	-0.02	0.00	2.46	357	30.63	140	57	24	7	0	0	0
SACRAMENTO	98	61	104	56	80	6	0.00	0.00	0.00	0.00	0	12.75	107	71	21	6	0	0	0
SAN DIEGO	73	65	77	63	69	0	0.00	0.00	0.00	0.00	0	5.01	66	87	73	0	0	0	0
SAN FRANCISCO	70	53	74	52	62	0	0.00	0.00	0.00	0.00	0	12.44	93	86	62	0	0	0	0
STOCKTON	101	62	104	56	81	5	0.00	0.00	0.00	0.00	0	12.12	135	62	32	7	0	0	0
CO ALAMOSA	81	48	86	43	64	2	0.75	0.61	0.40	0.79	125	5.16	185	90	39	0	0	4	0
CO SPRINGS	83	57	90	52	70	2	0.61	0.11	0.33	1.28	52	9.21	113	87	34	1	0	4	0
DENVER INTL	87	58	93	53	72	3	0.76	0.42	0.61	2.44	137	10.26	149	83	31	4	0	2	1
GRAND JUNCTION	89	61	98	55	75	0	0.33	0.27	0.20	0.35	81	5.32	122	60	33	4	0	3	0
PUEBLO	92	63	98	59	77	4	0.18	-0.13	0.11	0.89	63	8.07	141	82	41	5	0	2	0
CT BRIDGEPORT	81	67	85	62	74	3	0.23	-0.57	0.12	1.37	36	16.91	75	80	59	0	0	3	0
HARTFORD	85	62	89	55	73	1	0.64	-0.19	0.34	2.36	58	16.30	71	79	43	0	0	3	0
DC WASHINGTON	85	68	88	65	77	0	1.46	0.75	0.81	3.94	118	19.28	100	85	49	0	0	3	1
DE WILMINGTON	82	64	85	61	73	-2	0.35	-0.53	0.35	3.69	96	21.55	100	88	51	0	0	1	0
FL DAYTONA BEACH	91	73	94	72	82	1	0.58	-0.75	0.39	3.75	62	23.76	110	98	56	6	0	3	0
JACKSONVILLE	91	72	94	69	82	1	1.67	0.28	0.99	4.14	72	18.61	80	99	57	5	0	4	2
KEY WEST	89	79	90	75	84	0	0.64	-0.25	0.28	1.42	30	13.07	82	83	67	3	0	5	0
MIAMI	89	76	91	72	83	0	3.23	1.49	1.45	9.90	110	30.29	124	87	63	4	0	7	2
ORLANDO	93	73	95	71	83	1	2.98	1.13	0.85	8.56	109	28.65	128	92	55	7	0	6	2
PENSACOLA	89	77	93	75	83	1	2.10	0.40	1.57	6.02	87	30.28	96	89	60	3	0	4	1
TALLAHASSEE	92	74	97	73	83	1	3.86	2.14	2.24	8.63	116	32.02	99	90	62	5	0	6	2
TAMPA	90	77	92	74	84	2	1.74	0.31	1.20	11.79	199	27.69	151	85	61	6	0	4	1
GA WEST PALM BEACH	91	78	92	77	84	2	0.04	-1.67	0.04	3.83	48	25.20	93	81	58	7	0	1	0
ATHENS	94	70	98	68	82	3	2.43	1.49	1.87	4.09	97	19.26	76	96	50	6	0	4	1
ATLANTA	93	72	96	71	83	4	0.84	-0.16	0.56	3.26	83	22.40	84	80	44	6	0	2	1
AUGUSTA	92	71	96	69	82	2	0.54	-0.41	0.30	2.87	64	21.60	91	96	56	6	0	3	0
COLUMBUS	94	72	98	70	83	2	0.14	-0.82	0.14	2.16	57	21.60	82	92	41	7	0	1	0
MACON	95	71	100	68	83	3	0.66	-0.25	0.66	1.89	50	19.85	81	92	43	7	0	1	1
SAVANNAH	92	74	94	72	83	2	0.68	-0.64	0.44	6.96	119	29.63	127	90	62	7	0	3	0
HI HILO	86	72	87	70	79	4	0.95	-1.15	0.52	11.97	150	36.91	60	88	75	0	0	6	1
HONOLULU	88	76	89	73	82	2	0.00	-0.08	0.00	0.20	44	4.26	46	69	61	0	0	0	0
KAHULUI	87	74	90	70	81	3	1.01	0.95	0.77	2.24	896	9.97	90	79	2	0	4	1	
LIHUE	82	73	83	72	78	0	0.04	-0.35	0.02	1.22	63	7.65	40	86	78	0	0	3	0
ID BOISE	98	63	102	57	81	10	0.00	-0.11	0.00	0.18	23	4.70	65	45	22	7	0	0	0
LEWISTON	94	61	99	54	77	8	0.01	-0.19	0.01	1.02	84	7.82	107	56	30	5	0	1	0
POCATELLO	92	49	96	39	70	4	0.03	-0.11	0.03	0.06	6	6.87	96	74	29	5	0	1	0
IL CHICAGO/O'HARE	80	60	90	54	70	-1	0.03	-0.77	0.03	2.85	74	16.49	97	76	49	2	0	1	0
MOLINE	80	61	91	54	71	-3	0.31	-0.68	0.24	3.83	78	13.83	73	82	55	2	0	2	0
PEORIA	80	61	91	54	71	-3	0.31	-0.60	0.31	3.44	84	12.55	70	86	48	2	0	1	0
ROCKFORD	81	59	91	51	70	-1	0.15	-0.93	0.08	2.04	40	14.10	79	85	53	1	0	2	0
SPRINGFIELD	84	61	94	54	73	-2	0.07	-0.74	0.03	1.97	49	15.56	86	92	45	2	0	3	0
IN EVANSVILLE	87	65	96	59	76	-1	2.98	2.09	2.92	4.37	100	26.12	108	82	48	3	0	2	1
FORT WAYNE	80	58	89	51	69	-3	0.39	-0.50	0.34	5.50	128	19.69	107	90	45	0	0	2	0
INDIANAPOLIS	81	61	91	53	71	-3	0.21	-0.75	0.21	4.52	102	22.02	106	82	47	2	0	1	0
SOUTH BEND	76	55	89	47	66	-6	0.17	-0.79	0.16	3.27	73	18.38	98	86	59	0	0	2	0
IA BURLINGTON	80	61	92	55	70	-5	0.65	-0.40	0.53	1.19	25	12.03	65	96	51	2	0	2	1
CEDAR RAPIDS	77	60	87	52	68	-5	1.51	0.51	0.90	8.34	176	18.85	116	99	61	0	0	2	2
DES MOINES	82	65	90	58	74	0	0.62	-0.38	0.27	1.50	31	12.74	74	83	58	2	0		

Weather Data for the Week Ending July 2, 2016

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 JUN 1	PCT. NORMAL SINCE JUN 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	92	71	96	67	81	2	6.51	5.65	5.71	8.87	198	24.43	155	88	56	6	0	4	1	
KY JACKSON	84	65	90	61	74	0	1.87	0.85	1.87	5.02	101	27.82	109	87	51	1	0	1	1	
LEXINGTON	86	63	92	57	74	-1	0.00	-1.06	0.00	4.56	93	23.49	96	79	49	1	0	0	0	
LOUISVILLE	86	67	93	61	77	0	0.06	-0.80	0.05	4.27	106	23.33	98	76	43	1	0	2	0	
LA PADUCAH	89	65	96	58	77	0	0.32	-0.80	0.14	1.95	40	26.15	100	89	44	3	0	3	0	
BATON ROUGE	96	74	98	73	85	4	0.93	-0.38	0.42	7.35	129	37.54	114	92	44	7	0	3	0	
LAKE CHARLES	94	76	96	74	85	3	0.48	-0.84	0.30	9.31	145	39.63	139	94	53	7	0	3	0	
NEW ORLEANS	95	78	100	76	87	5	1.16	-0.52	0.43	9.85	135	39.17	117	86	55	7	0	3	0	
SHREVEPORT	95	75	97	69	85	3	0.49	-0.61	0.42	4.44	83	38.67	138	91	51	7	0	2	0	
ME CARIBOU	80	57	88	51	69	6	1.99	1.22	1.12	4.22	120	20.14	118	89	53	0	0	3	2	
PORTLAND	77	58	82	52	68	2	1.72	0.98	0.86	4.49	129	20.00	87	95	54	0	0	4	2	
MD BALTIMORE	84	62	87	58	73	-2	1.25	0.47	0.69	3.90	107	21.74	104	84	52	0	0	2	2	
MA BOSTON	83	66	87	59	74	3	0.31	-0.41	0.20	1.53	45	17.87	84	83	44	0	0	3	0	
WORCESTER	79	60	84	56	70	2	0.41	-0.50	0.15	1.79	42	17.50	73	88	41	0	0	3	0	
MI ALPENA	79	53	86	41	66	2	0.76	0.16	0.58	2.01	74	16.80	131	87	34	0	0	3	1	
GRAND RAPIDS	82	58	88	51	70	0	0.53	-0.35	0.29	1.46	37	18.47	109	80	36	0	0	2	0	
HOUGHTON LAKE	76	50	82	40	63	-2	0.98	0.35	0.57	3.37	109	17.44	136	84	45	0	0	3	1	
LANSING	80	54	90	46	67	-2	0.31	-0.48	0.30	0.90	24	13.81	92	82	47	1	0	2	0	
MUSKOGON	75	56	80	47	66	-2	0.71	0.20	0.43	2.60	96	16.54	112	84	54	0	0	3	0	
MN TRVERSE CITY	78	55	86	46	66	-1	0.67	-0.14	0.24	2.36	66	13.95	91	90	35	0	0	4	0	
DULUTH	74	52	80	45	63	0	0.15	-0.88	0.15	4.11	91	14.22	108	86	51	0	0	1	0	
INT'L FALLS	72	45	80	40	58	-6	0.26	-0.66	0.20	6.93	163	13.70	139	95	52	0	0	3	0	
MNNEAPOLIS	79	60	88	52	70	-1	0.12	-0.86	0.12	4.53	98	14.45	97	70	47	0	0	1	0	
ROCHESTER	76	57	84	51	66	-3	0.05	-0.94	0.05	5.27	123	16.96	118	91	60	0	0	1	0	
ST. CLOUD	77	52	85	45	65	-3	0.09	-0.86	0.09	3.37	71	9.74	77	91	39	0	0	1	0	
MS JACKSON	95	72	99	67	83	3	1.05	0.08	0.87	3.06	75	35.50	115	91	44	6	0	2	1	
MERIDIAN	97	72	100	65	85	5	1.40	0.31	1.40	4.92	114	29.91	91	86	45	7	0	1	1	
TUPELO	93	70	98	64	82	3	1.00	0.02	1.00	6.07	119	28.17	88	87	50	6	0	1	1	
MO COLUMBIA	84	66	93	63	75	0	2.52	1.65	1.79	3.25	76	13.38	65	93	55	2	0	3	1	
KANSAS CITY	86	67	94	64	76	-1	4.61	3.61	4.23	5.21	110	25.75	140	83	45	2	0	4	1	
SAINT LOUIS	86	70	96	62	78	0	0.53	-0.36	0.38	1.44	36	14.48	73	77	50	2	0	2	0	
MT SPRINGFIELD	88	68	92	64	78	2	1.18	0.07	0.98	4.66	87	15.92	71	89	61	2	0	2	1	
BILLINGS	89	60	95	53	75	7	0.00	-0.35	0.00	0.23	12	5.63	65	60	23	3	0	0	0	
BUTTE	85	48	88	36	67	8	0.00	-0.40	0.00	0.93	43	4.46	63	69	17	0	0	0	0	
CUT BANK	82	49	88	42	65	5	0.39	-0.07	0.24	1.13	43	5.61	81	89	29	0	0	3	0	
GLASGOW	81	55	87	51	68	1	0.33	-0.15	0.23	3.57	153	11.85	202	87	55	0	0	3	0	
GREAT FALLS	86	51	90	44	69	6	0.03	-0.36	0.03	0.96	41	6.98	82	83	22	3	0	1	0	
HAVRE	83	55	89	46	69	4	0.07	-0.32	0.05	0.07	3	7.96	127	88	55	0	0	2	0	
MISSOULA	91	53	94	42	72	9	0.06	-0.25	0.03	0.76	42	5.89	77	71	31	5	0	2	0	
NE GRAND ISLAND	82	60	90	55	71	-3	0.74	-0.02	0.70	0.75	19	15.43	111	90	52	1	0	2	1	
LINCOLN	87	66	93	57	77	1	0.88	0.14	0.88	1.46	39	13.77	96	86	50	4	0	1	1	
NORFOLK	81	58	88	50	70	-3	1.10	0.15	1.10	4.32	96	20.77	145	88	52	0	0	1	1	
NORTH PLATTE	80	58	91	52	69	-3	1.88	1.16	0.56	3.59	107	14.77	137	94	58	1	0	6	1	
OMAHA	85	65	92	55	75	0	1.30	0.42	1.23	2.19	52	15.18	99	85	55	2	0	2	1	
SCOTTSBLUFF	86	58	95	57	72	1	0.33	-0.25	0.24	1.16	41	10.27	107	86	48	3	0	4	0	
VALENTINE	82	56	92	49	69	-2	1.15	0.43	0.47	4.71	146	18.63	181	88	49	1	0	6	0	
NV ELY	87	49	94	43	68	4	0.07	0.00	0.03	***	***	8.35	154	64	25	2	0	3	0	
LAS VEGAS	105	80	111	71	93	4	0.64	0.62	0.47	0.66	733	3.51	149	34	22	7	0	3	0	
RENO	99	63	101	61	81	13	0.00	-0.06	0.00	0.00	0	5.21	118	35	16	7	0	0	0	
WINNEMUCCA	98	50	100	38	74	6	0.00	-0.09	0.00	0.01	1	4.58	93	39	14	7	0	0	0	
NH CONCORD	84	58	90	50	71	3	0.68	-0.04	0.38	1.82	55	14.55	81	89	38	1	0	2	0	
NJ NEWARK	84	67	88	64	75	0	0.97	0.11	0.40	2.61	71	17.81	77	79	51	0	0	3	0	
NM ALBUQUERQUE	90	67	93	61	78	0	0.03	-0.13	0.02	0.19	27	1.38	41	70	25	5	0	2	0	
NY ALBANY	83	61	90	54	72	3	1.66	0.84	1.37	3.68	92	14.43	77	86	42	1	0	3	1	
BINGHAMTON	77	58	84	53	67	0	1.30	0.42	1.20	3.14	78	15.93	83	88	58	0	0	2	1	
BUFFALO	79	61	90	55	70	1	0.28	-0.54	0.28	1.34	33	12.58	66	79	44	1	0	1	0	
ROCHESTER	83	60	93	55	72	3	0.21	-0.54	0.10	1.01	28	12.62	78	84	47	2	0	3	0	
SYRACUSE	81	60	90	55	71	2	0.00	-0.94	0.00	1.95	49	16.71	90	89	44	1	0	0	0	
NC ASHEVILLE	86	64	88	60	75	3	1.26	0.35	0.96	2.55	55	17.43	70	88	51	0	0	4	1	
CHARLOTTE	89	69	93	64	79	0	1.58	0.80	0.99	2.82	77	18.11	82	89	48	3	0	2	2	
GREENSBORO	88	68	90	67	78	2	0.36	-0.54	0.15	2.00	53	20.97	97	95	48	1	0	6	0	
HATTERAS	84	74	86	69	79	2	0.35	-0.50	0.29	10.53	259	44.59	171	92	68	0	0	3	0	
RALEIGH	87	69	90	64	78	1	3.82	2.98	1.71	7.68	209	27.28	125	91	66	1	0	4	3	
WILMINGTON	87	72	91	69	79	-1	0.28	-1.18	0.23	5.65	97	28.33	111	95	64	1	0	2	0	
ND BISMARCK	79	52	84	44	66	-1	0.82	0.21	0.68	4.56	165	11.74	142	90	47	0	0	2	1	
DICKINSON	78	50	83	47	64	-2	0.16	-0.56	0.16	2.66	76	7.39	82	93	38	0	0	1	0	
FARGO	78	54	86	45	66	-2	0.87	0.11	0.87	2.46	66	7.93	78	81	38	0	0	1	1	
GRAND FORKS	76	49	86	40	62	-5	0.04	-0.68	0.04	3.39	105	10.28	117	90	44	0	0	1	0	
JAMESTOWN	75	52	82	45	64	-4	0.00	-0.75	0.00	2.46	75	8.37	94	91	43	0	0	0	0	
WILLISTON	81	56	87	50	69	3	0.31	-0.24	0.22	2.13	85	7.21	101	85	52	0	0	3	0	
OH AKRON-CANTON	80	58	89	51	69	-1	0.07	-0.78	0.07	3.58	94	18.25	96	79	46	0	0	1	0	
CINCINNATI	85	62	92	54	73	-2	0.02	-0.90	0.02	2.49	53	22.10	97	79	49	2	0	1	0	
CLEVELAND	82	61	92	54	71	1	0.09	-0.81	0.09	2.22	54	18.15	97	75	39	2	0	1	0	
COLUMBUS	81	61	90	55	71	-3	1.56	0.55	1.15	5.41	124	20.14	105	84	50	1	0	3	1	
DAYTON	82	60	92	52	71	-2	1.07	0.14	0.96	3.72	83	19.94	96	87	43	2	0	2	1	
MANSFIELD	80	58	90	52	69	0	0.31	-0.69	0.24	2.16	45	18.56	86	95	42	1	0	2	0	

Based on 1971-2000 normals

*** Not Available

Weather Data for the Week Ending July 2, 2016

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 JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN., SINCE JAN 01	PCT. NORMAL SINCE JAN 01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE
OK TOLEDO	82	58	91	52	70	-1	0.44	-0.38	0.28	1.78	44	15.54	92	86	47	2	0	2	0
OK YOUNGSTOWN	80	55	89	49	68	0	0.23	-0.76	0.13	3.07	73	18.17	99	87	48	0	0	2	0
OK OKLAHOMA CITY	92	70	95	66	81	1	2.33	1.47	2.30	3.33	68	15.74	83	89	49	6	0	2	1
OR TULSA	95	73	98	69	84	3	0.21	-0.66	0.08	0.86	17	14.71	66	91	53	6	0	3	0
OR ASTORIA	67	55	75	50	61	3	0.01	-0.47	0.01	2.07	77	39.30	110	90	75	0	0	1	0
OR BURNS	92	48	94	40	70	8	0.00	-0.09	0.00	0.41	60	4.26	70	54	21	6	0	0	0
OR EUGENE	86	50	89	48	68	5	0.00	-0.24	0.00	0.79	50	20.72	75	87	53	0	0	0	0
OR MEDFORD	94	59	95	56	76	7	0.00	-0.09	0.00	0.57	81	9.56	99	64	25	7	0	0	0
OR PENDLETON	92	57	96	50	75	6	0.00	-0.11	0.00	0.94	116	6.52	92	58	27	7	0	0	0
OR PORTLAND	82	58	89	55	70	5	0.00	-0.26	0.00	1.43	86	21.17	108	77	58	0	0	0	0
OR SALEM	85	54	90	51	70	6	0.00	-0.24	0.00	1.01	67	21.30	99	81	54	1	0	0	0
PA ALLENTOWN	85	60	89	57	73	2	0.51	-0.40	0.40	1.88	44	18.61	85	76	45	0	0	3	0
PA ERIE	79	62	92	56	71	1	0.87	-0.06	0.43	1.95	43	15.72	82	76	52	1	0	3	0
PA MIDDLETOWN	83	65	87	62	74	0	1.40	0.55	1.34	4.46	109	21.66	105	81	44	0	0	2	1
PA PHILADELPHIA	85	67	87	64	76	1	0.63	-0.22	0.56	1.88	53	19.88	95	79	48	0	0	2	1
PA PITTSBURGH	82	60	92	54	71	0	0.14	-0.82	0.13	2.73	62	16.35	84	80	39	1	0	2	0
PA WILKES-BARRE	82	60	87	55	71	1	0.21	-0.75	0.14	1.79	42	14.61	79	88	46	0	0	2	0
PA WILLIAMSPORT	83	60	88	57	72	2	2.63	1.56	2.59	4.50	95	16.44	79	79	51	0	0	2	1
RI PROVIDENCE	81	64	86	57	72	1	0.53	-0.20	0.32	1.36	38	19.50	82	80	55	0	0	3	0
SC BEAUFORT	91	74	94	72	83	3	0.76	-0.59	0.40	4.43	72	22.82	99	94	59	6	0	4	0
SC CHARLESTON	91	74	94	71	82	2	0.34	-1.09	0.29	3.15	50	23.90	100	90	56	6	0	3	0
SC COLUMBIA	94	74	99	71	84	3	0.10	-1.14	0.05	2.47	46	16.39	67	87	45	7	0	3	0
SC GREENVILLE	91	70	96	67	81	4	0.15	-0.75	0.10	1.21	29	18.74	71	91	43	5	0	2	0
SD ABERDEEN	83	50	90	42	67	-2	0.00	-0.77	0.00	1.42	38	8.36	79	83	40	1	0	0	0
SD HURON	83	53	90	42	68	-3	0.00	-0.73	0.00	1.93	55	10.74	93	84	38	1	0	0	0
SD RAPID CITY	82	54	88	50	68	0	0.21	-0.34	0.18	1.40	47	6.04	63	83	42	0	0	2	0
SD SIOUX FALLS	80	56	87	47	68	-3	0.45	-0.28	0.45	1.74	47	13.23	105	83	53	0	0	1	0
TN BRISTOL	89	63	92	59	76	3	0.30	-0.63	0.30	1.93	46	18.85	84	95	38	4	0	1	0
TN CHATTANOOGA	95	70	97	64	82	4	0.03	-0.98	0.02	1.22	28	18.46	63	77	36	7	0	2	0
TN KNOXVILLE	91	68	94	63	80	4	0.26	-0.74	0.26	3.99	92	23.26	87	86	37	5	0	1	0
TN MEMPHIS	95	75	98	71	85	4	0.57	-0.47	0.57	1.17	25	36.26	122	77	42	7	0	1	1
TN NASHVILLE	90	67	95	59	79	1	0.56	-0.30	0.47	4.46	103	18.90	73	85	44	4	0	4	0
TX ABILENE	94	72	98	69	83	1	0.64	0.11	0.64	3.13	98	20.94	187	88	48	7	0	1	1
TX AMARILLO	93	65	96	62	79	2	0.16	-0.51	0.15	1.43	41	7.32	76	84	35	6	0	2	0
TX AUSTIN	96	72	100	70	84	1	0.56	-0.03	0.56	2.93	74	31.22	178	91	52	7	0	1	1
TX BEAUMONT	95	75	97	73	85	3	2.38	0.94	1.52	8.34	119	37.84	129	97	52	7	0	5	2
TX BROWNSVILLE	95	77	97	75	86	3	0.03	-0.58	0.03	2.98	96	12.98	118	94	56	7	0	1	0
TX CORPUS CHRISTI	95	76	99	74	86	3	0.07	-0.56	0.07	2.96	80	21.17	147	93	54	7	0	1	0
TX DEL RIO	98	74	102	71	86	2	0.39	-0.13	0.31	2.95	118	11.56	128	86	50	7	0	2	0
TX EL PASO	93	71	97	69	82	-2	0.15	-0.11	0.15	0.33	35	0.97	36	68	30	5	0	1	0
TX FORT WORTH	97	78	99	75	87	4	0.00	-0.49	0.00	3.59	107	20.35	107	77	37	7	0	0	0
TX GALVESTON	90	80	92	77	85	2	0.39	-0.51	0.21	7.95	185	28.49	142	90	67	3	0	3	0
TX HOUSTON	95	75	97	73	85	2	0.00	-1.01	0.00	12.91	230	41.86	172	94	56	7	0	0	0
TX LUBBOCK	94	68	99	64	81	2	0.04	-0.58	0.02	1.04	33	6.31	72	78	39	7	0	2	0
TX MIDLAND	92	70	98	66	81	0	0.48	0.09	0.34	3.21	176	6.94	118	80	53	5	0	2	0
TX SAN ANGELO	91	70	96	67	81	0	3.93	3.55	3.43	7.07	270	22.71	221	90	67	5	0	2	2
TX SAN ANTONIO	95	74	98	71	84	1	0.00	-0.72	0.00	2.40	53	24.22	142	89	45	7	0	0	0
TX VICTORIA	95	73	98	71	84	1	0.01	-0.94	0.01	2.88	55	23.10	115	96	57	7	0	1	0
TX WACO	96	73	98	69	85	2	0.00	-0.57	0.00	1.12	35	23.77	136	89	48	7	0	0	0
TX WICHITA FALLS	96	71	100	69	83	1	0.05	-0.56	0.05	3.40	89	19.89	130	87	48	7	0	1	0
UT SALT LAKE CITY	96	69	103	58	82	9	0.01	-0.10	0.01	0.52	65	8.17	86	43	14	7	0	1	0
VT BURLINGTON	82	61	91	55	71	3	0.77	-0.07	0.46	3.25	89	14.10	88	83	45	1	0	4	0
VA LYNCHBURG	83	64	85	60	74	0	1.06	0.12	0.91	6.44	158	26.09	118	97	57	0	0	3	1
VA NORFOLK	84	69	90	63	76	-2	1.01	0.04	0.55	5.34	132	27.56	122	89	61	1	0	3	1
VA RICHMOND	84	66	86	62	75	-1	0.92	0.05	0.85	7.73	203	28.36	132	91	60	0	0	3	1
VA ROANOKE	85	66	89	63	75	0	1.03	0.18	0.92	6.96	178	24.69	113	89	63	0	0	2	1
WA WASH/DULLES	85	62	89	56	73	-1	0.06	-0.79	0.06	6.35	147	24.02	114	86	49	0	0	1	0
WA OLYMPIA	77	50	84	47	64	4	0.00	-0.33	0.00	1.26	67	26.64	100	89	68	0	0	0	0
WA QUILLAYUTE	64	52	76	49	58	1	0.12	-0.51	0.09	3.62	99	55.46	103	97	85	0	0	2	0
WA SEATTLE-TACOMA	77	56	85	54	66	3	0.00	-0.28	0.00	1.78	114	22.85	120	90	72	0	0	0	0
WA SPOKANE	88	59	94	53	73	8	0.00	-0.20	0.00	0.51	41	8.37	93	58	20	3	0	0	0
WA YAKIMA	96	63	100	53	79	13	0.00	-0.10	0.00	0.23	36	5.68	131	52	28	7	0	0	0
WV BECKLEY	80	60	84	54	70	1	1.86	0.88	1.86	8.06	191	27.09	124	90	56	0	0	1	1
WV CHARLESTON	84	62	89	55	73	1	0.08	-0.91	0.08	3.86	88	23.75	107	94	48	0	0	1	0
WV ELKINS	80	56	86	50	68	0	0.14	-0.93	0.14	5.06	103	23.48	99	93	49	0	0	1	0
WV HUNTINGTON	85	63	90	57	74	0	0.01	-0.88	0.01	7.26	175	26.98	123	91	51	1	0	1	0
WI EAU CLAIRE	76	55	85	49	66	-3	0.24	-0.70	0.24	6.29	139	18.70	126	95	43	0	0	1	0
WI GREEN BAY	78	56	87	51	67	-1	0.20	-0.60	0.20	0.24	7	11.42	86	88	44	0	0	1	0
WI LA CROSSE	81	59	91	54	70	-2	1.18	0.19	1.13	6.73	157	19.33	127	89	40	1	0	2	1
WI MADISON	78	57	86	52	68	-2	1.78	0.83	1.39	5.35	124	19.28	123	89	49	0	0	2	1
WI MILWAUKEE	77	60	89	53	69	-1	1.66	0.81	0.86	3.49	92	15.30	91	76	53	0	0	2	2
WY CASPER	87	48	94	38	67	1	0.14	-0.14	0.06	1.17	77	10.63	141	88	33	2	0	3	0
WY CHEYENNE	81	53	88	50	67	2	0.59	0.12	0.45	2.58	115	12.43	151	83	45	0	0	2	0
WY LANDER	85	53	90	49	69	2	0.10	-0.09	0.10	0.57	47	16.72	210	64	20	1	0	1	0
WY SHERIDAN	90	52	94	45	71	6	0.02	-0.35	0.02	0.40	19	9.74	113	75	27	4	0	1	0

Based on 1971-2000 normals

*** Not Available

National Agricultural Summary

June 27 – July 3, 2016

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Temperatures were below normal from the Midwest to the Mid Atlantic States. Some areas in the Corn Belt recorded weekly average temperatures more than 6°F below normal. Hot, dry conditions prevailed along the Pacific Coast, with parts of California, Idaho, Oregon,

and Washington recording temperatures more than 8°F above normal. Meanwhile, heavy rain hit the central Great Plains and middle Mississippi Valley, with some areas in Kansas, Missouri, and Nebraska receiving more than 4.5 inches of precipitation during the week.

Corn: Fifteen percent of this year's corn was silking by week's end, 5 percentage points ahead of last year and 2 points ahead of the 5-year average. Silking was most active in the middle Mississippi Valley, Ohio Valley, and Tennessee Valley, with weekly progress advancing more than 25 percentage points in Kentucky, Missouri, North Carolina, and Tennessee. Overall, 75 percent of the corn was reported in good to excellent condition, equal to last week but 6 percentage points above the same time last year.

Soybeans: Nationally, 22 percent of the soybeans were at or beyond the blooming stage, 5 percentage points ahead of last year and 6 points ahead of the 5-year average. Blooming was rapid during the week in the major soybean-producing region, with progress of greater than 10 percentage points evident in twelve of the eighteen major estimating states. Overall, 70 percent of the soybean crop was reported in good to excellent condition, down 2 percentage points from last week but 7 points above the same time last year.

Winter Wheat: By week's end, 58 percent of the winter wheat was harvested, 8 percentage points ahead of last year and 3 points ahead of the 5-year average. Despite significant rain in Kansas limiting producers to 4.3 days suitable for fieldwork, producers were still able to harvest 21 percent of their winter wheat during the week. The Kansas harvest was 79 percent complete. Overall, 62 percent of the winter wheat was reported in good to excellent condition, unchanged from last week but 22 percentage points better than at the same time last year.

Cotton: By July 3, forty-two percent of this year's cotton was at or beyond the squaring stage, 2 percentage points behind last year and 5 points behind the 5-year average. Double-digit square development for the week was observed in twelve of the fifteen estimating states. Nationally, 11 percent of the cotton was setting bolls by week's end, 2 percentage points ahead of last year but equal to the 5-year average. Overall, 56 percent of the cotton was reported in good to excellent condition, unchanged from last week but slightly lower than at the same time last year.

Sorghum: Twenty-nine percent of the sorghum was at or beyond the heading stage by July 3, six percentage points ahead of last year and 5 points ahead of the 5-year average. Weekly heading advances of more than 10 percentage points were observed in Arkansas and Louisiana. Overall, 69 percent of the

sorghum was reported in good to excellent condition, down slightly from last week but 2 percentage points better than at the same time last year.

Rice: Heading of the rice crop advanced to 20 percent complete by week's end, 2 percentage points behind last year but 5 points ahead of the 5-year average. Despite slow heading progress during the week, California was 20 percentage points ahead of the 5-year average. Overall, 69 percent of the rice was reported in good to excellent condition, unchanged from last week but slightly below the same time last year.

Small Grains: By week's end, heading of the nation's oats advanced to 92 percent complete, 3 percentage points ahead of last year and 12 points ahead of the 5-year average. Oat heading progress was 46 percentage points ahead of the 5-year average in North Dakota and 23 points ahead in Minnesota. Overall, 67 percent of the oats were reported in good to excellent condition, unchanged from last week but slightly below the same time last year.

Seventy-two percent of the barley was at or beyond the heading stage by July 3, six percentage points behind last year but 24 points ahead of the 5-year average. Dry weather aided crop maturation in North Dakota, with barley heading advancing 30 percentage points for the week to reach 90 percent complete. Overall, 75 percent of the barley was reported in good to excellent condition, unchanged from last week but 2 percentage points better than at the same time last year.

Seventy-four percent of the spring wheat was at or beyond the heading stage by week's end, 6 percentage points ahead of last year and 29 points ahead of the 5-year average. Spring wheat progress remained well ahead of normal in all five estimating states. Overall, 72 percent of the crop was reported in good to excellent condition, unchanged from last week but 2 percentage points above the same time last year.

Other Crops: By July 3, forty-eight percent of the peanuts had advanced to the pegging stage, 7 percentage points ahead of last year and 13 points ahead of the 5-year average. Overall, 71 percent of the peanuts were reported in good to excellent condition, up slightly from last week but 2 percentage points lower than at the same time last year. Peanut conditions continued to improve in Florida due to adequate moisture.

Crop Progress and Condition

Week Ending July 3, 2016

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

Corn Percent Silking				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
CO	0	1	5	2
IL	19	4	22	21
IN	6	5	11	11
IA	1	0	6	6
KS	24	17	34	24
KY	26	18	45	28
MI	2	0	1	1
MN	0	0	0	3
MO	21	20	57	29
NE	4	1	10	8
NC	74	56	84	81
ND	3	13	21	2
OH	3	0	2	5
PA	5	0	1	5
SD	1	0	2	3
TN	46	24	55	54
TX	57	46	53	65
WI	0	0	0	1
18 Sts	10	6	15	13
These 18 States planted 93% of last year's corn acreage.				

Soybeans Percent Blooming				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
AR	52	49	63	40
IL	12	7	18	15
IN	11	4	17	15
IA	16	5	20	16
KS	4	0	8	9
KY	8	1	6	11
LA	76	62	74	64
MI	14	1	9	10
MN	24	1	18	14
MS	51	43	57	54
MO	4	6	14	7
NE	24	8	10	21
NC	11	1	13	8
ND	18	19	37	11
OH	9	1	14	9
SD	12	5	26	16
TN	10	6	15	14
WI	8	6	24	4
18 Sts	17	9	22	16
These 18 States planted 95% of last year's soybean acreage.				

Winter Wheat Percent Harvested				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
AR	93	96	99	96
CA	84	88	96	81
CO	12	2	7	30
ID	2	0	1	0
IL	60	76	90	71
IN	33	34	63	47
KS	70	58	79	76
MI	0	0	3	7
MO	62	82	94	77
MT	0	0	0	0
NE	13	4	20	21
NC	96	81	94	91
OH	10	4	56	22
OK	91	87	96	94
OR	4	0	4	1
SD	0	0	6	4
TX	82	80	95	88
WA	1	1	2	0
18 Sts	50	45	58	55
These 18 States harvested 90% of last year's winter wheat acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	1	2	14	62	21
IL	2	5	21	54	18
IN	2	5	20	57	16
IA	1	3	17	61	18
KS	1	7	25	58	9
KY	2	4	19	62	13
MI	3	9	32	44	12
MN	0	3	18	61	18
MO	2	5	26	53	14
NE	1	2	17	64	16
NC	3	5	24	53	15
ND	1	3	18	66	12
OH	0	3	27	56	14
PA	0	2	20	59	19
SD	2	5	25	58	10
TN	1	7	22	47	23
TX	1	4	24	56	15
WI	1	2	12	53	32
18 Sts	1	4	20	59	16
Prev Wk	1	4	20	59	16
Prev Yr	2	6	23	55	14

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	7	6	32	42	13
IL	2	5	22	56	15
IN	1	5	22	56	16
IA	1	4	18	63	14
KS	2	6	32	56	4
KY	1	3	16	69	11
LA	0	3	23	63	11
MI	3	9	31	48	9
MN	1	3	22	58	16
MS	1	8	24	44	23
MO	2	7	31	52	8
NE	1	3	19	64	13
NC	1	5	29	54	11
ND	1	4	20	66	9
OH	1	5	26	55	13
SD	1	6	26	60	7
TN	1	5	21	49	24
WI	1	2	14	57	26
18 Sts	2	5	23	57	13
Prev Wk	1	4	23	60	12
Prev Yr	2	7	28	52	11

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	3	8	35	43	11
CA	0	5	15	55	25
CO	2	8	24	51	15
ID	3	4	14	61	18
IL	3	4	23	51	19
IN	1	3	20	54	22
KS	1	7	26	47	19
MI	2	5	24	52	17
MO	2	4	30	49	15
MT	2	6	29	39	24
NE	3	9	25	49	14
NC	14	20	31	29	6
OH	0	1	15	57	27
OK	1	4	28	55	12
OR	8	8	30	45	9
SD	1	6	30	58	5
TX	3	11	43	36	7
WA	1	3	18	68	10
18 Sts	2	7	29	48	14
Prev Wk	2	7	29	48	14
Prev Yr	7	16	37	33	7

Crop Progress and Condition

Week Ending July 3, 2016

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

Cotton Percent Squaring				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
AL	70	52	70	61
AZ	72	65	75	76
AR	91	87	95	90
CA	89	60	82	72
GA	62	51	69	58
KS	11	13	19	24
LA	78	58	75	81
MS	73	54	66	69
MO	34	57	69	51
NC	66	18	43	62
OK	3	11	17	22
SC	36	22	41	45
TN	45	40	50	49
TX	32	17	27	36
VA	63	35	50	56
15 Sts	44	29	42	47
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Setting Bolls				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
AL	11	3	19	8
AZ	24	20	30	26
AR	6	9	25	16
CA	17	0	0	19
GA	16	3	18	16
KS	0	0	0	1
LA	18	8	19	31
MS	12	6	12	14
MO	0	0	2	3
NC	8	0	4	6
OK	0	0	4	4
SC	6	0	1	10
TN	3	1	6	3
TX	7	8	9	10
VA	0	0	0	1
15 Sts	9	6	11	11
These 15 States planted 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	1	4	51	40	4
AZ	4	0	3	55	38
AR	5	5	20	45	25
CA	0	0	20	40	40
GA	1	5	27	55	12
KS	0	1	34	62	3
LA	0	5	16	73	6
MS	3	7	34	44	12
MO	5	12	47	32	4
NC	4	7	29	55	5
OK	0	0	45	48	7
SC	0	0	54	40	6
TN	1	2	18	62	17
TX	1	9	40	42	8
VA	0	4	12	83	1
15 Sts	1	7	36	46	10
Prev Wk	1	7	36	46	10
Prev Yr	1	8	34	46	11

Sorghum Percent Headed				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
AR	48	23	38	42
CO	0	0	1	1
IL	6	0	0	6
KS	0	9	10	1
LA	81	75	86	79
MO	4	5	7	6
NE	0	0	0	0
NM	0	0	1	0
OK	6	9	15	8
SD	1	8	11	1
TX	54	58	60	60
11 Sts	23	26	29	24
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
AR	3	8	29	45	15
CO	0	0	35	61	4
IL	3	7	28	60	2
KS	0	2	23	70	5
LA	0	2	19	63	16
MO	0	4	35	57	4
NE	0	0	17	74	9
NM	0	0	71	28	1
OK	0	2	23	72	3
SD	0	2	33	65	0
TX	1	2	33	47	17
11 Sts	0	3	28	60	9
Prev Wk	0	3	27	61	9
Prev Yr	3	3	27	56	11

Spring Wheat Percent Headed				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
ID	79	63	78	60
MN	90	72	87	57
MT	56	25	40	31
ND	65	60	81	39
SD	79	73	92	73
WA	93	84	90	76
6 Sts	68	56	74	45
These 6 States planted 99% of last year's spring wheat acreage.				

Barley Percent Headed				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
ID	77	54	70	59
MN	85	70	81	55
MT	85	46	55	47
ND	66	60	90	37
WA	90	86	88	73
5 Sts	78	55	72	48
These 5 States planted 82% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	0	1	24	63	12
MN	2	6	22	59	11
MT	0	3	32	41	24
ND	1	2	15	73	9
WA	0	1	11	82	6
5 Sts	0	2	23	60	15
Prev Wk	0	2	23	60	15
Prev Yr	1	5	21	57	16

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	0	0	25	65	10
MN	3	6	23	52	16
MT	2	3	29	52	14
ND	1	5	17	69	8
SD	1	9	36	49	5
WA	0	1	14	78	7
6 Sts	1	5	22	62	10
Prev Wk	1	4	23	62	10
Prev Yr	1	5	24	57	13

Crop Progress and Condition

Week Ending July 3, 2016

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

Oats Percent Headed				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
IA	94	90	95	93
MN	89	78	89	66
NE	95	94	98	93
ND	65	62	85	39
OH	85	85	92	82
PA	72	85	88	81
SD	93	80	90	79
TX	100	100	100	100
WI	88	69	86	74
9 Sts	89	83	92	80
These 9 States planted 68% of last year's oat acreage.				

Oat Condition by Percent					
	VP	P	F	G	EX
IA	0	1	19	65	15
MN	1	2	16	62	19
NE	1	1	26	65	7
ND	3	7	20	66	4
OH	0	2	22	67	9
PA	2	5	22	61	10
SD	0	6	26	64	4
TX	8	14	38	35	5
WI	0	1	13	58	28
9 Sts	3	6	24	56	11
Prev Wk	2	6	25	56	11
Prev Yr	4	7	21	56	12

Peanuts Percent Pegging				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
AL	59	34	40	43
FL	50	44	61	43
GA	38	43	56	33
NC	33	10	19	37
OK	5	10	30	30
SC	65	41	59	48
TX	21	13	23	14
VA	11	4	9	21
8 Sts	41	35	48	35
These 8 States planted 97% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	0	57	38	5
FL	0	1	28	63	8
GA	1	4	21	58	16
NC	0	2	18	67	13
OK	0	0	9	89	2
SC	0	0	16	68	16
TX	0	1	33	63	3
VA	0	0	7	92	1
8 Sts	0	2	27	59	12
Prev Wk	0	2	28	59	11
Prev Yr	0	2	25	58	15

Rice Percent Headed				
	Prev Year	Prev Week	Jul 3 2016	5-Yr Avg
AR	11	3	5	8
CA	16	23	24	4
LA	62	45	57	53
MS	23	21	24	12
MO	11	0	2	3
TX	38	39	48	31
6 Sts	22	16	20	15
These 6 States planted 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	3	8	27	44	18
CA	0	0	12	76	12
LA	0	5	27	59	9
MS	0	3	21	47	29
MO	1	5	24	49	21
TX	3	3	37	48	9
6 Sts	2	5	24	53	16
Prev Wk	2	5	24	54	15
Prev Yr	2	4	24	47	23

Crop Progress and Condition

Week Ending July 3, 2016

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

Pasture and Range Condition by Percent Week Ending Jul 3, 2016												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	7	14	33	39	7		NH	1	13	65	21	0
AZ	14	13	41	29	3		NJ	0	1	22	64	13
AR	2	9	37	42	10		NM	2	18	48	29	3
CA	10	25	20	30	15		NY	2	8	43	41	6
CO	3	4	19	62	12		NC	3	15	36	41	5
CT	16	23	36	25	0		ND	4	10	30	52	4
DE	3	6	34	52	5		OH	1	7	25	54	13
FL	3	7	29	45	16		OK	1	6	34	51	8
GA	10	18	38	29	5		OR	11	17	30	38	4
ID	1	3	29	51	16		PA	6	9	27	50	8
IL	2	9	23	53	13		RI	0	0	29	71	0
IN	1	4	21	62	12		SC	1	11	29	56	3
IA	2	7	27	53	11		SD	4	12	29	51	4
KS	0	4	24	62	10		TN	5	18	36	38	3
KY	1	6	24	59	10		TX	2	6	27	48	17
LA	0	8	28	57	7		UT	0	5	33	53	9
ME	0	4	39	36	21		VT	27	35	30	8	0
MD	1	4	19	66	10		VA	2	8	38	43	9
MA	8	25	39	28	0		WA	1	6	20	64	9
MI	5	18	36	34	7		WV	1	7	28	55	9
MN	1	4	17	65	13		WI	0	3	18	58	21
MS	2	10	31	50	7		WY	6	9	20	58	7
MO	1	8	44	45	2		48 Sts	3	9	29	49	10
MT	5	17	35	37	6							
NE	1	2	17	66	14		Prev Wk	2	8	29	50	11
NV	0	10	30	40	20		Prev Yr	2	7	25	51	15

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

NA - Not Available
* Revised

Crop Progress and Condition

Week Ending July 3, 2016

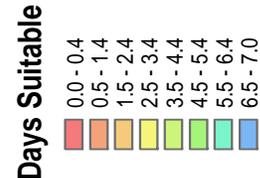
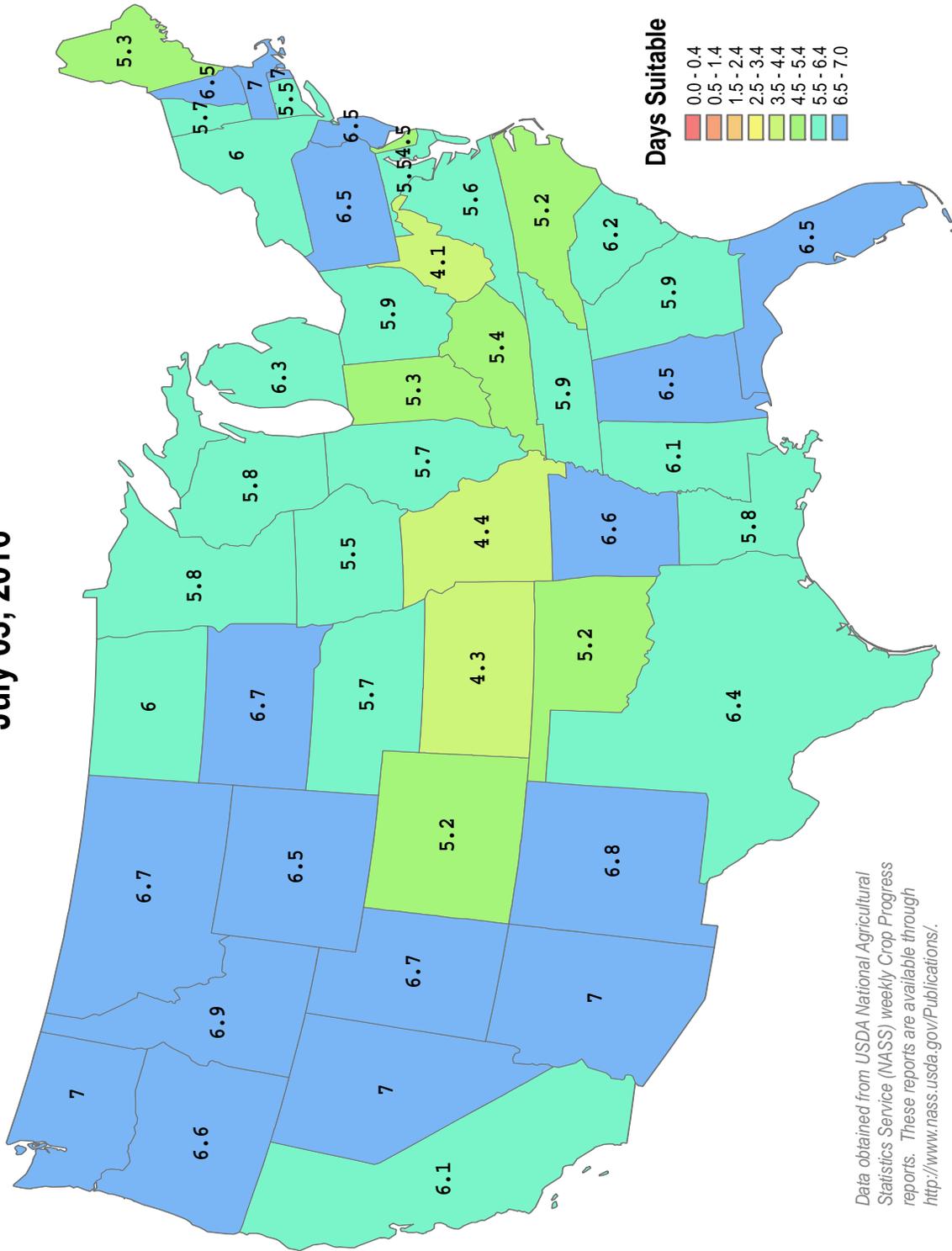
Weekly U.S. Progress and Condition Data provided by USDA/NASS

Days Suitable for Fieldwork

Week Ending July 03, 2016



This product was prepared by the
USDA Office of the Chief Economist (OCE)
World Agricultural Outlook Board (WAOB)

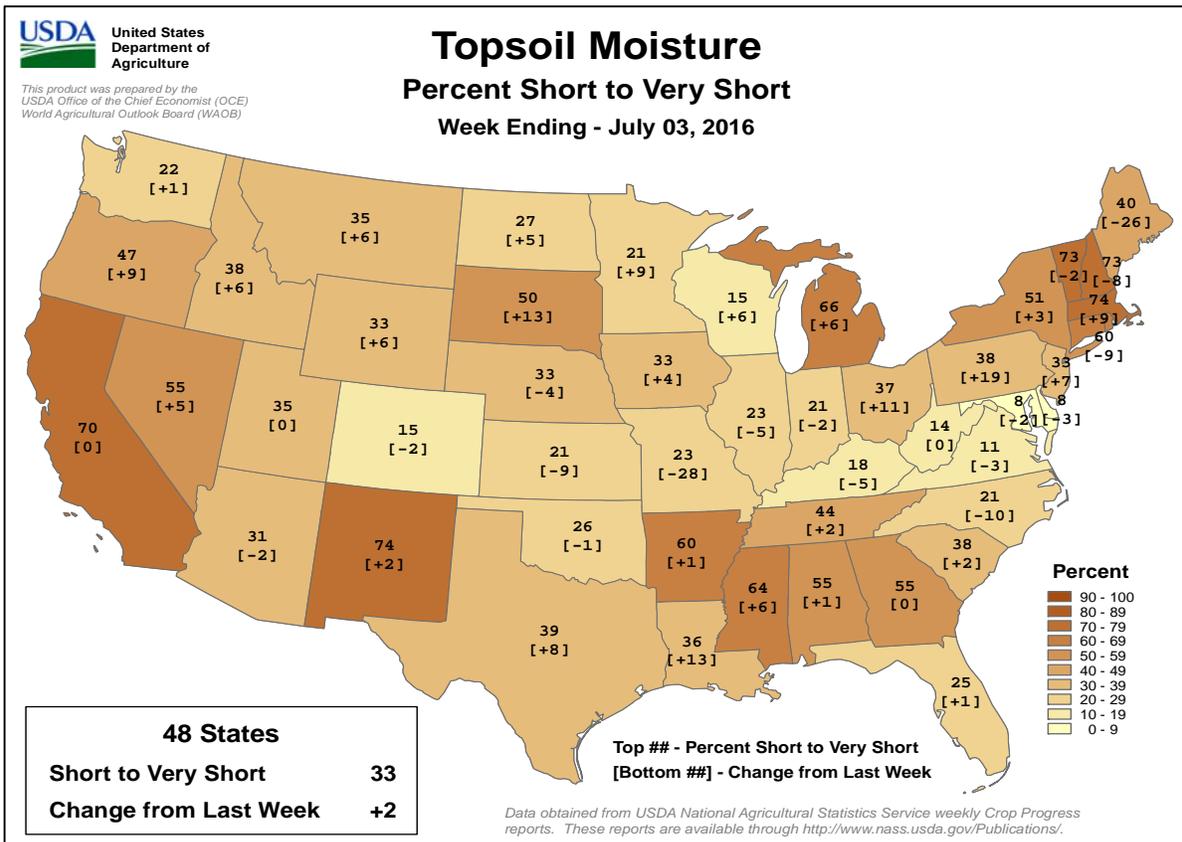
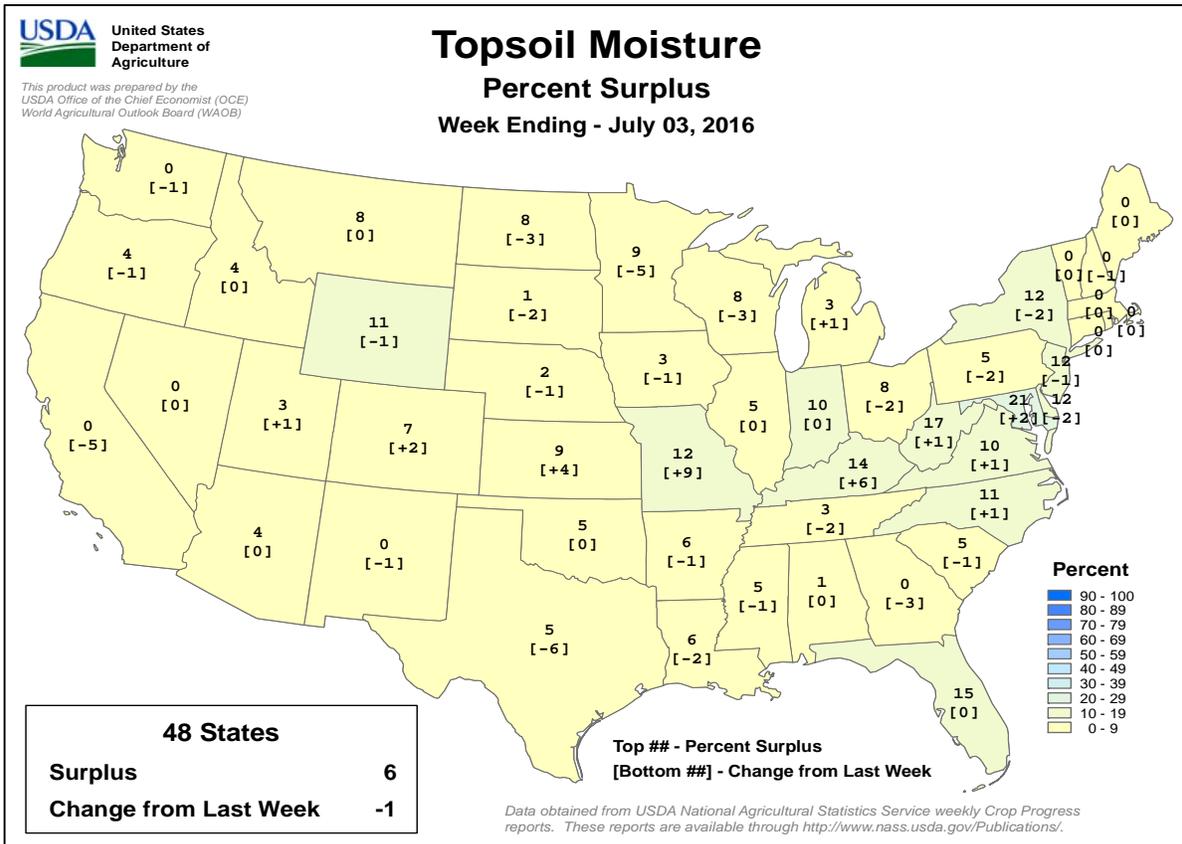


Data obtained from USDA National Agricultural
Statistics Service (NASS) weekly Crop Progress
reports. These reports are available through
<http://www.nass.usda.gov/Publications/>.

Crop Progress and Condition

Week Ending July 3, 2016

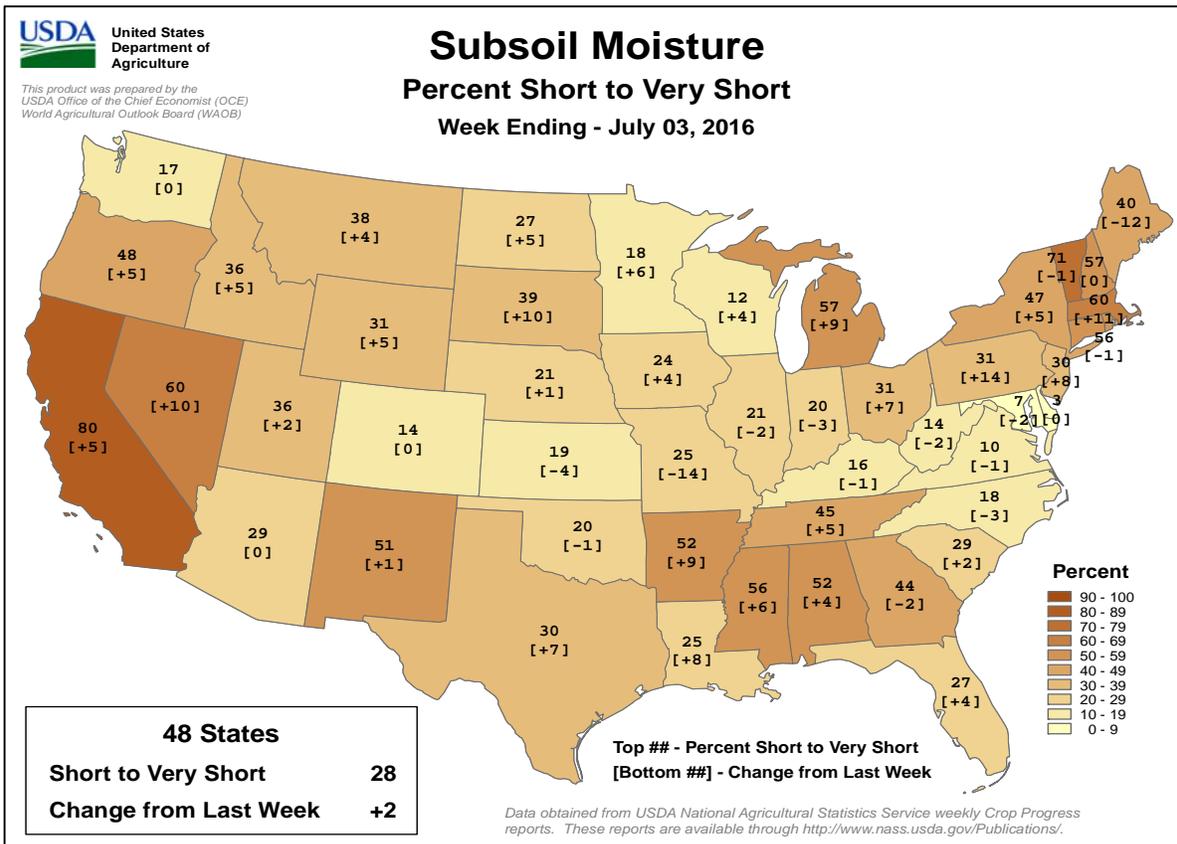
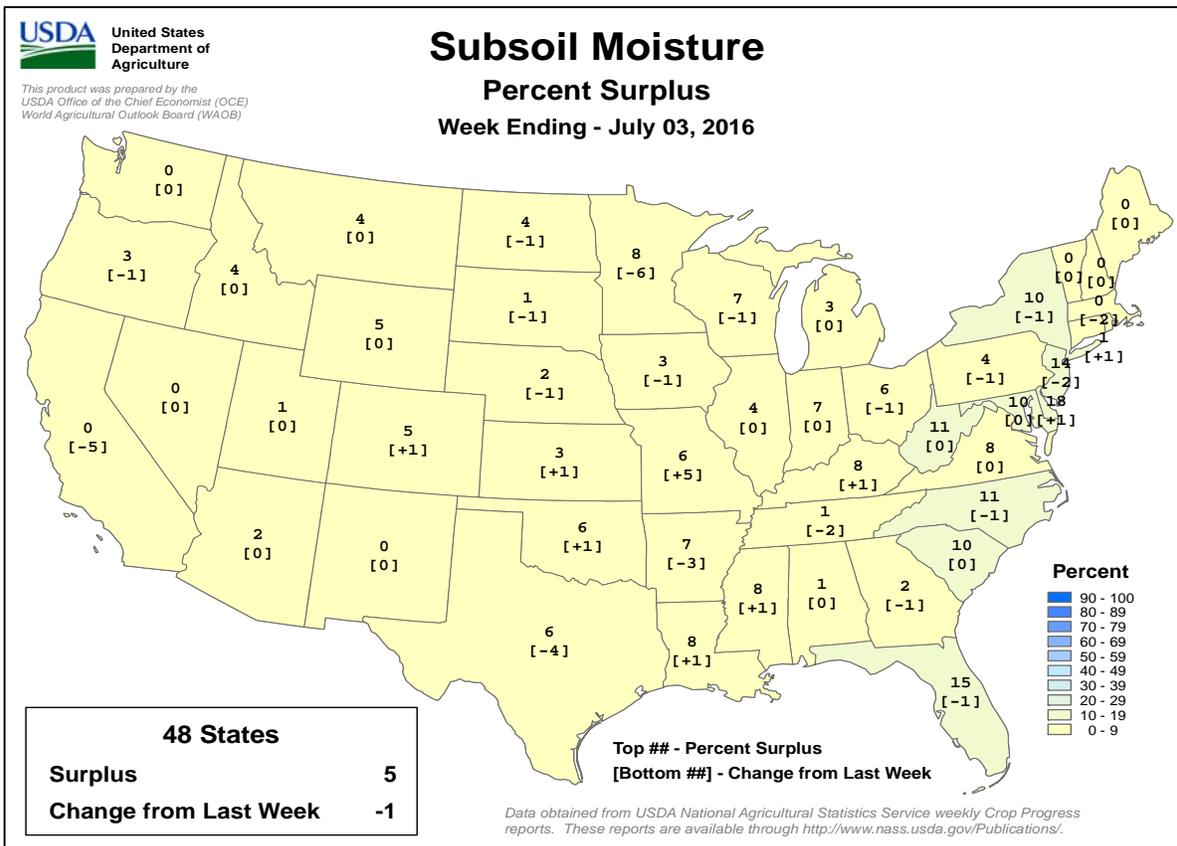
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending July 3, 2016

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



International Weather and Crop Summary

June 26 - July 2, 2016

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

EUROPE: Winter crop drydown and harvesting gained momentum in western Europe, while showers maintained favorable soil moisture for vegetative to reproductive summer crops farther east.

FSU-WESTERN: Showers and thunderstorms boosted soil moisture for vegetative to reproductive summer crops.

FSU-EASTERN: Widespread rainfall further increased soil moisture for vegetative spring wheat.

MIDDLE EAST: Somewhat cooler weather arrived in Turkey, easing stress on reproductive corn and sunflowers.

SOUTH ASIA: Monsoon showers encouraged planting throughout India and also aided crop establishment.

EAST ASIA: Showers reached most major growing areas in China, causing some flooding where amounts were the highest but generally benefiting summer crops elsewhere.

SOUTHEAST ASIA: Showers continued to keep rice well watered across most areas.

AUSTRALIA: Adequate to abundant topsoil moisture maintained good to excellent crop prospects throughout the wheat belt.

ARGENTINA: Rain slowed summer crop harvesting, after weeks of favorable dryness.

BRAZIL: Warm, dry weather spurred rapid corn and cotton development.

MEXICO: Monsoon showers expanded throughout northwestern watersheds.

CANADIAN PRAIRIES: Showers improved prospects for spring grains and oilseeds in western farming areas.

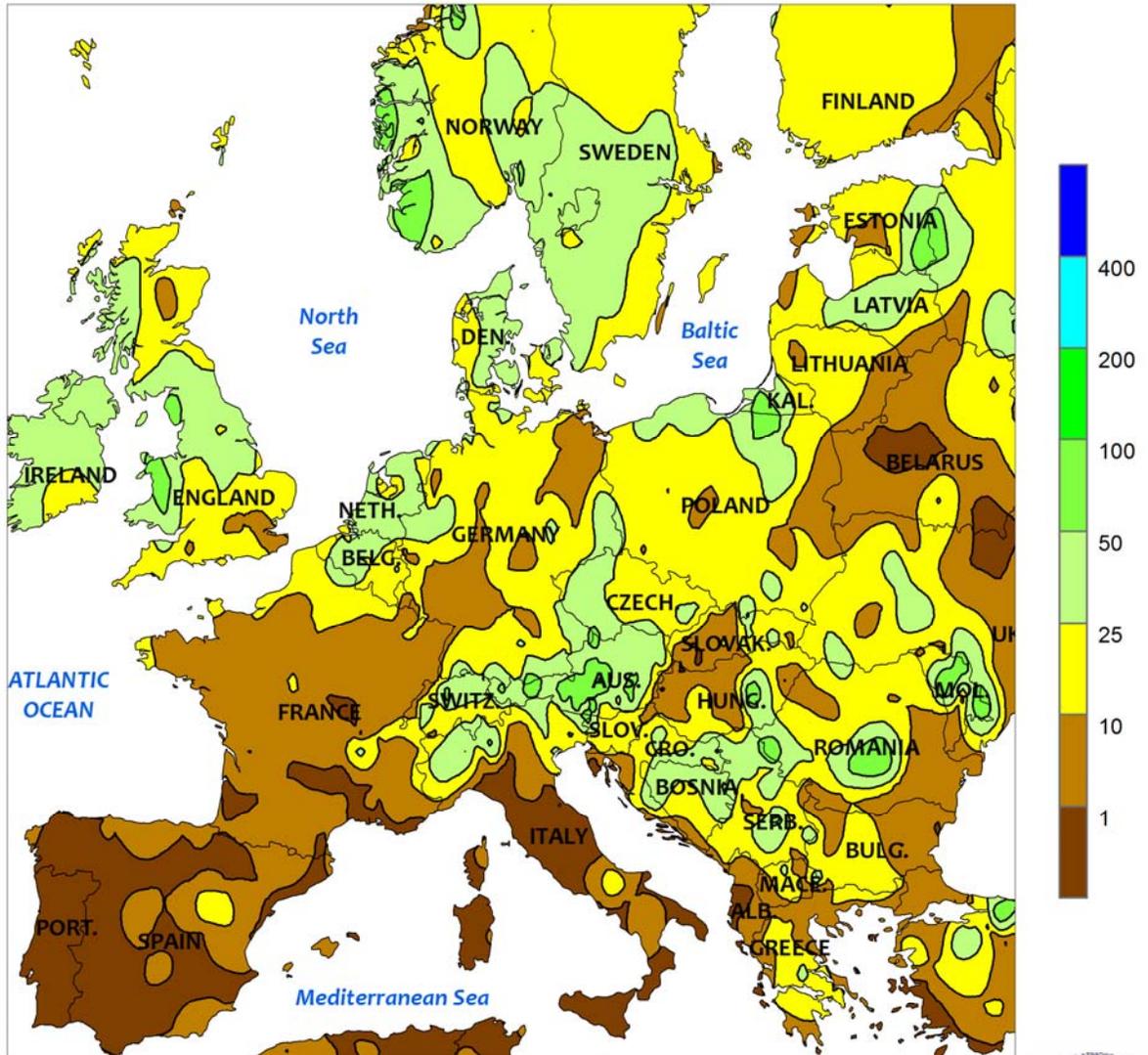
SOUTHEASTERN CANADA: Moisture was becoming limited for Ontario's corn and soybeans.

June 2016

COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	DEP AVG	DEP TOT	DEP NRM	
ALGERI	ALGER	30	16	35	8	23	1.2	0	-10
	BATNA	33	14	40	8	23	0.3	1	-15
ARGENT	IGUAZU	20	9	29	0	14	-1.7	31	-136
	FORMOSA	20	8	28	-1	14	-3.3	40	-26
	CERES	18	5	24	0	11	-1.4	23	-9
	CORDOBA	16	2	21	-4	9	-2.2	63	50
	RIO CUARTO	14	3	20	-2	9	-1	34	15
	ROSARIO	15	4	20	-2	10	-0.8	58	20
	BUENOS AIRES	14	4	18	-1	9	-1.1	23	-31
	SANTA ROSA	14	2	18	-2	8	-0.1	28	8
	TRES ARROYOS	13	3	16	-4	8	0.2	67	32
AUSTRALIA	DARWIN	32	23	34	18	28	2.5	0	-2
	BRISBANE	21	13	24	5	17	1	164	110
	PERTH	19	9	25	3	14	-0.5	83	-65
	CEDUNA	17	8	22	2	12	0.3	17	-12
	ADELAIDE	16	10	20	4	13	1.1	48	-8
	MELBOURNE	14	7	17	1	10	0.4	46	7
	WAGGA	13	7	17	-1	10	1.5	67	20
	CANBERRA	12	4	15	-5	8	1.5	117	79
AUSTRIA	VIENNA	25	14	32	8	20	1.6	238	175
	INNSBRUCK	24	13	34	10	18	2.1	310	195
BAHAMA	NASSAU	32	24	36	21	28	1.1	232	54
BARBAD	BRIDGETOWN	30	25	31	23	28	0.1	90	8
BELARU	MINSK	24	13	32	6	19	2.5	58	-27
BERMUD	ST GEORGES	27	23	29	21	25	-0.1	132	10
BOLIVI	LA PAZ	15	-4	17	-9	6	0	3	-3
BRAZIL	FORTALEZA	30	25	31	23	28	0.5	42	-62
	RECIFE	29	23	30	22	26	-0.4	131	-171
	CAMPO GRANDE	25	15	30	6	20	-1.6	245	207
	FRANCA	24	14	27	7	19	0.1	66	41
	RIO DE JANEIRO	23	17	30	13	20	-1.5	60	9
	LONDRINA	23	11	27	3	17	0	120	12
	SANTA MARIA	17	7	22	0	12	-2.5	5	-182
	TORRES	17	8	20	2	12	-6.8	14	-130
BULGAR	SOFIA	26	15	34	10	21	2	76	5
BURKIN	OUAGADOUGOU	36	26	41	22	31	1.1	95	-12
CANADA	TORONTO	26	14	35	7	20	2.2	26	-48
	MONTREAL	25	14	33	8	19	1.1	67	-16
	WINNIPEG	23	12	30	4	17	0.2	*****	*****
	REGINA	24	11	31	4	17	0.7	*****	*****
	SASKATOON	24	10	29	4	17	1.2	*****	*****
	LETHBRIDGE	***	***	***	***	***	*****	*****	*****
	CALGARY	23	10	31	4	16	2.5	62	-18
	VANCOUVER	20	12	25	8	16	1	58	4
CANARY	LAS PALMAS	27	21	31	19	24	2.3	0	0
CHILE	SANTIAGO	16	3	23	0	9	0.6	37	-32
CHINA	HARBIN	25	16	32	12	21	0.2	221	144
	HAMI	35	19	39	14	27	2.1	7	0
	BEIJING	31	20	38	16	26	0.9	75	-4
	TIENTSIN	31	20	37	16	26	0.7	81	12
	LHASA	22	11	25	3	16	0.2	128	55
	KUNMING	25	18	28	14	21	1.2	133	-48
	CHENGCHOW	32	22	38	18	27	1.2	125	63
	YEHCHANG	28	21	36	16	24	0.1	240	93
	HANKOW	29	21	36	16	25	-0.9	472	249
	CHUNGKING	31	23	38	21	27	1.3	338	166
	CHIHKIANG	30	22	36	18	26	1.3	143	-67
	WU HU	28	21	36	17	25	-0.5	418	222
	SHANGHAI	28	22	35	17	25	0.6	207	34
	NANCHANG	31	24	37	19	27	1.6	389	82
	TAIPEI	34	27	38	25	30	2.3	397	68
	CANTON	33	25	36	22	29	1.2	526	250
	NANNING	34	26	39	22	30	1.6	347	140
COLOMB	BOGOTA	19	9	22	6	14	0.5	209	143
COTE D	ABIDJAN	30	25	32	22	27	0.7	325	-175
CUBA	HAVANA	31	23	33	21	27	0.4	3	-141
CYPRUS	LARNACA	32	21	38	17	27	2.1	0	-2
CZECH	PRAGUE	23	12	32	8	18	2	81	9
DENMAR	COPENHAGEN	21	14	27	8	17	2.6	21	-31
EGYPT	CAIRO	37	25	43	22	31	3.3	0	*****

Based on Preliminary Reports

EUROPE
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



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

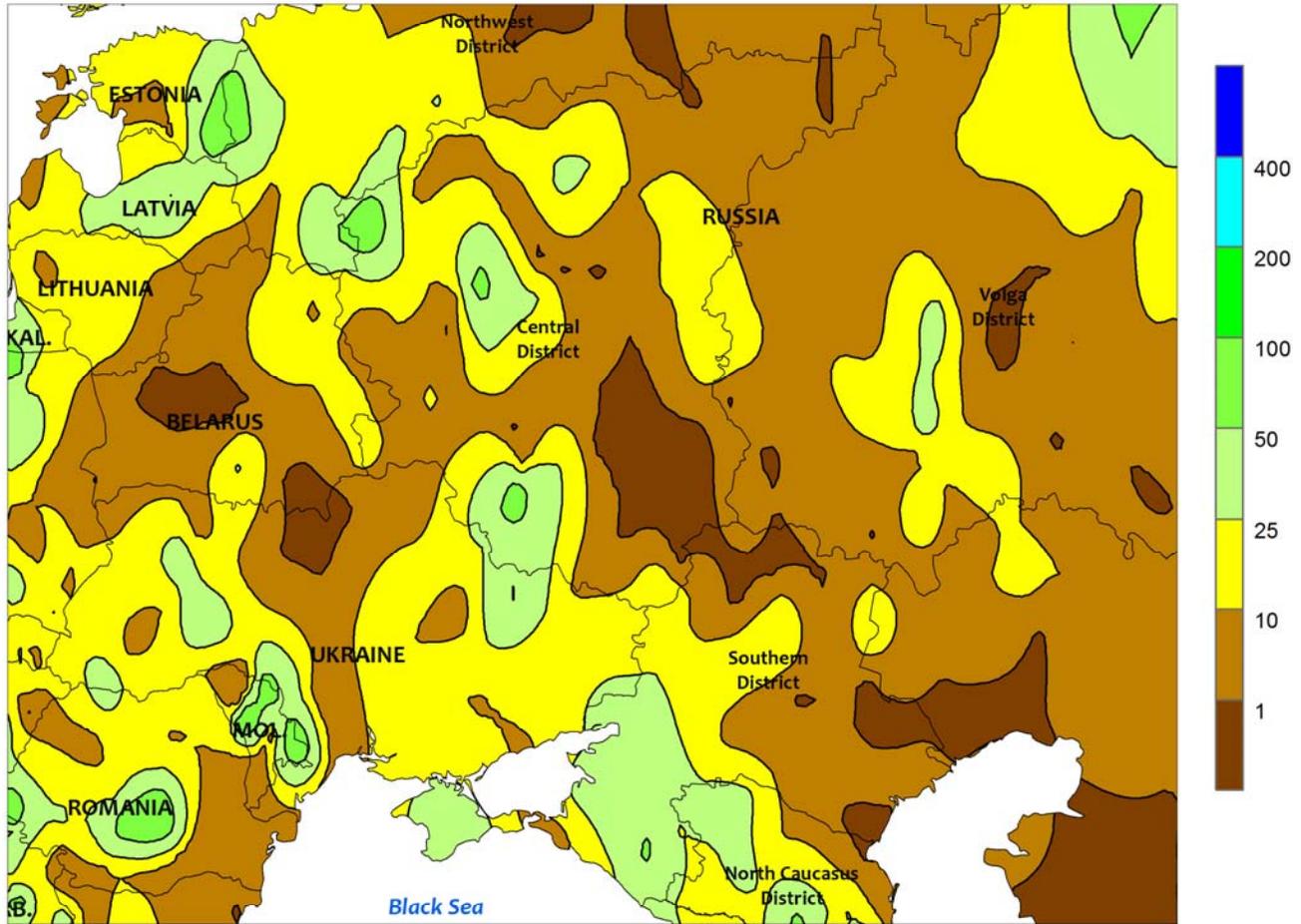


EUROPE

Drier weather settled over much of western Europe, while showers and thunderstorms lingered in northern and eastern growing areas. After a protracted period of wet weather, sunny skies over much of France allowed winter crop drydown and harvesting to gain momentum. Likewise, dry weather promoted winter wheat and barley harvesting across Spain as well as central and southern Italy. In contrast, widespread showers (10-50 mm) slowed winter wheat and

rapeseed maturation and harvesting from England and the Low Countries into Poland and the northern Balkans. However, the clouds and rain also ended the recent spell of heat in the Danube River Valley; corn was approaching or entering the temperature-sensitive tasseling stage of development in early July, and a lack of excessive heat (daytime highs above 35°C) over the upcoming weeks will be key to maintaining current yield potential.

WESTERN FSU
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



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

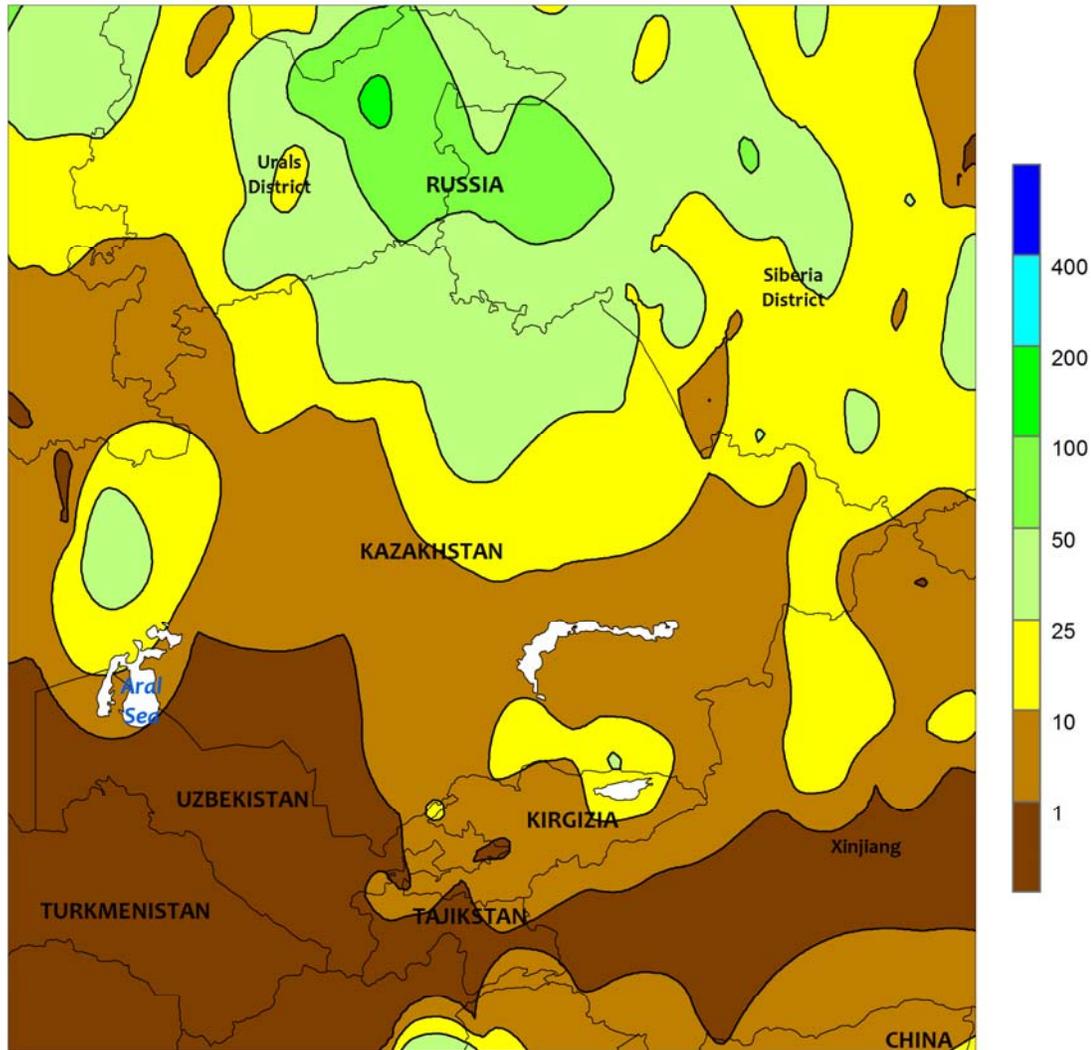


WESTERN FSU

Showers and thunderstorms boosted soil moisture for summer crops and ended the recent heat in southern Russia. Early in the period, daytime highs approached or topped 35°C (locally as high as 37°C) over much of Russia's Southern District, accelerating corn and sunflowers toward reproduction. However, timely showers and thunderstorms (10-55 mm, locally more) later in the week boosted moisture supplies and signaled the end of the brief heat wave, with daytime highs dipping below 35°C as corn entered the temperature-critical tasseling stage of

development. Farther west, widespread albeit highly variable showers (5-80 mm) maintained favorable soil moisture for corn, soybeans, and sunflowers over Moldova and Ukraine, though short-term dryness has begun to develop over parts of north-central Ukraine (10-25 percent of normal rainfall over the past 30 days). Meanwhile, dry weather promoted winter wheat drydown and harvesting in southern portions of the Central District, while light to moderate showers (2-40 mm) maintained good soil moisture for spring wheat development in the Volga District.

EASTERN FSU
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



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

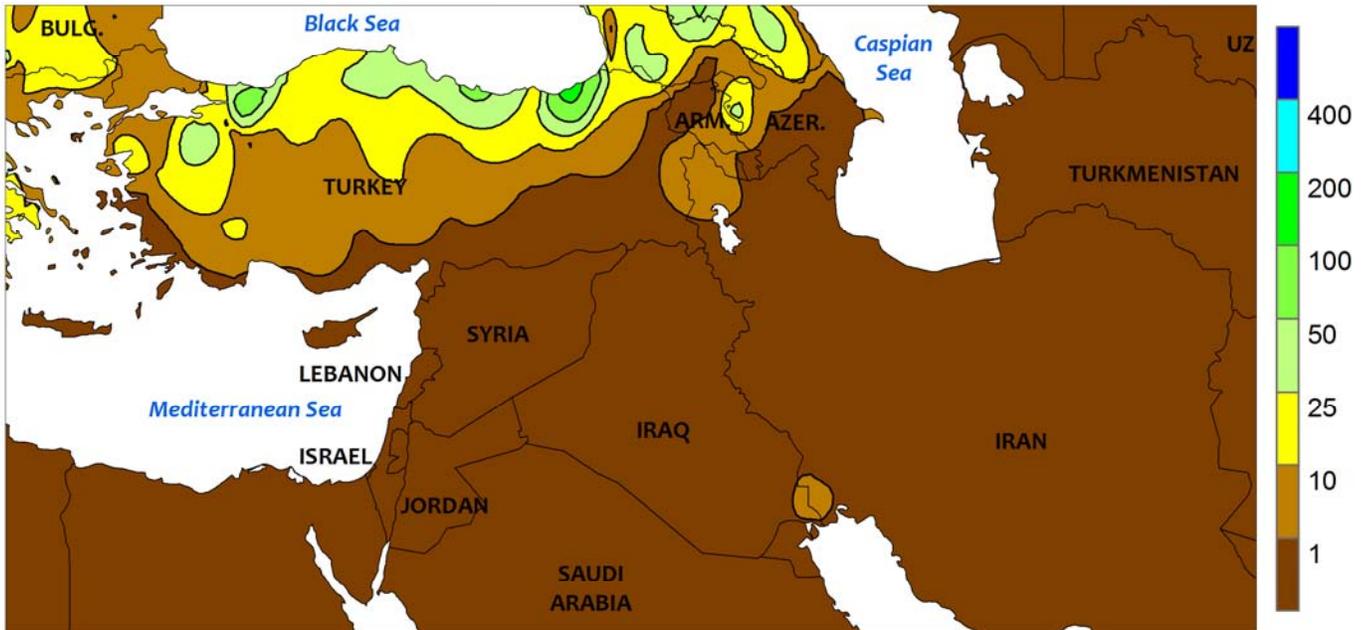


EASTERN FSU

Widespread rain developed over the region's primary spring wheat areas, while drier conditions settled over southern portions of the region. A slow-moving storm system brought a soaking rainfall (10-80 mm, locally more) to northern Kazakhstan and neighboring portions of

central Russia, boosting soil moisture supplies for jointing spring wheat but hampering seasonal fieldwork. Farther south, drier, warmer weather was beneficial for the development of irrigated cotton and also facilitated winter wheat harvesting in Uzbekistan.

MIDDLE EAST
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



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

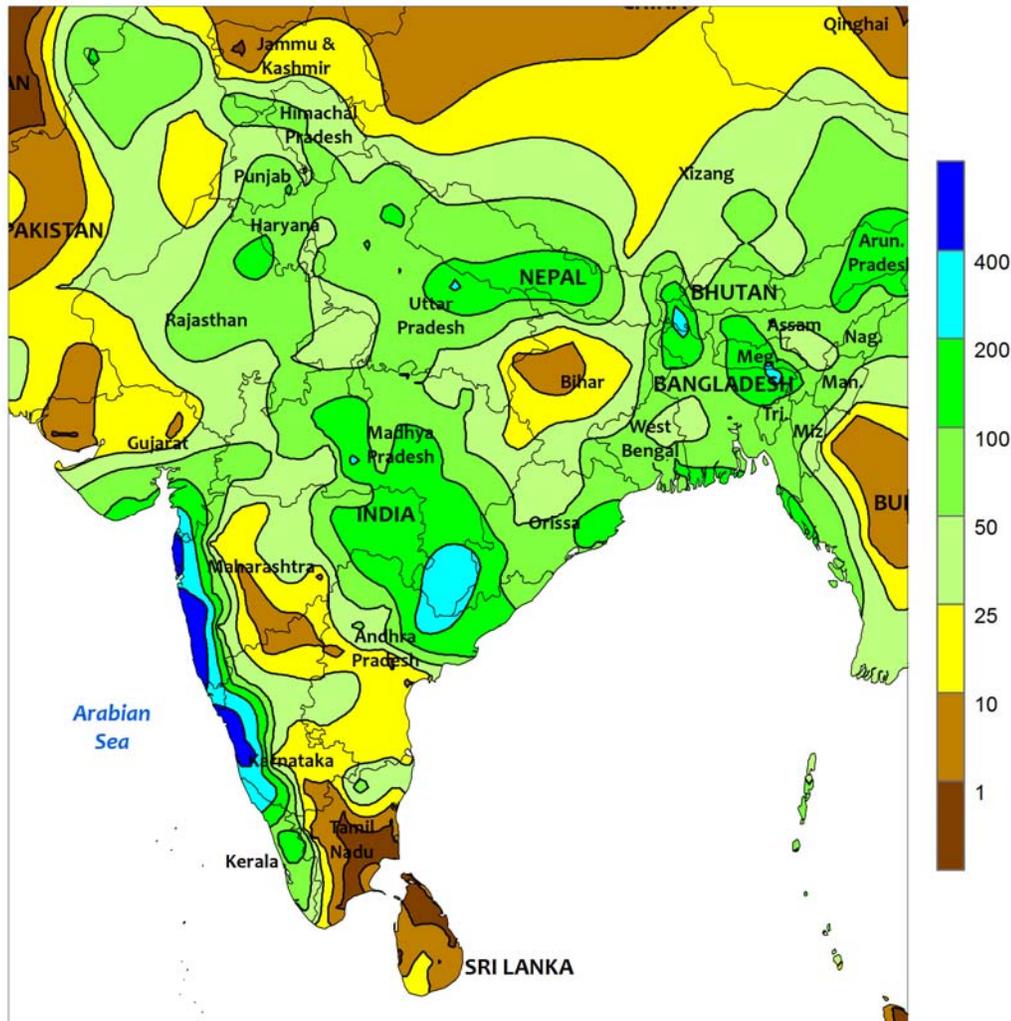


MIDDLE EAST

The excessive late-June heat abated in Turkey, easing the threat of yield losses to reproductive summer crops. Following last week’s 40-degree readings, daytime highs settled back into the middle 30s (degrees C) in southeastern Turkey’s primary corn areas. The timing proved critical, as corn — accelerated by the previous week’s anomalous heat — entered the temperature-critical tasseling stage of development as the cooler conditions arrived. However,

any early-planted corn likely suffered irreversible yield losses due to the brief but intense heat wave (37-41°C), which lasted June 17 - 25. Highly variable showers and thunderstorms (2-90 mm) provided localized soil moisture for vegetative to reproductive cotton and sunflowers over northern and western Turkey. Elsewhere, seasonal dryness maintained a rapid winter grain harvest pace from the eastern Mediterranean Coast into Iran.

SOUTH ASIA
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



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

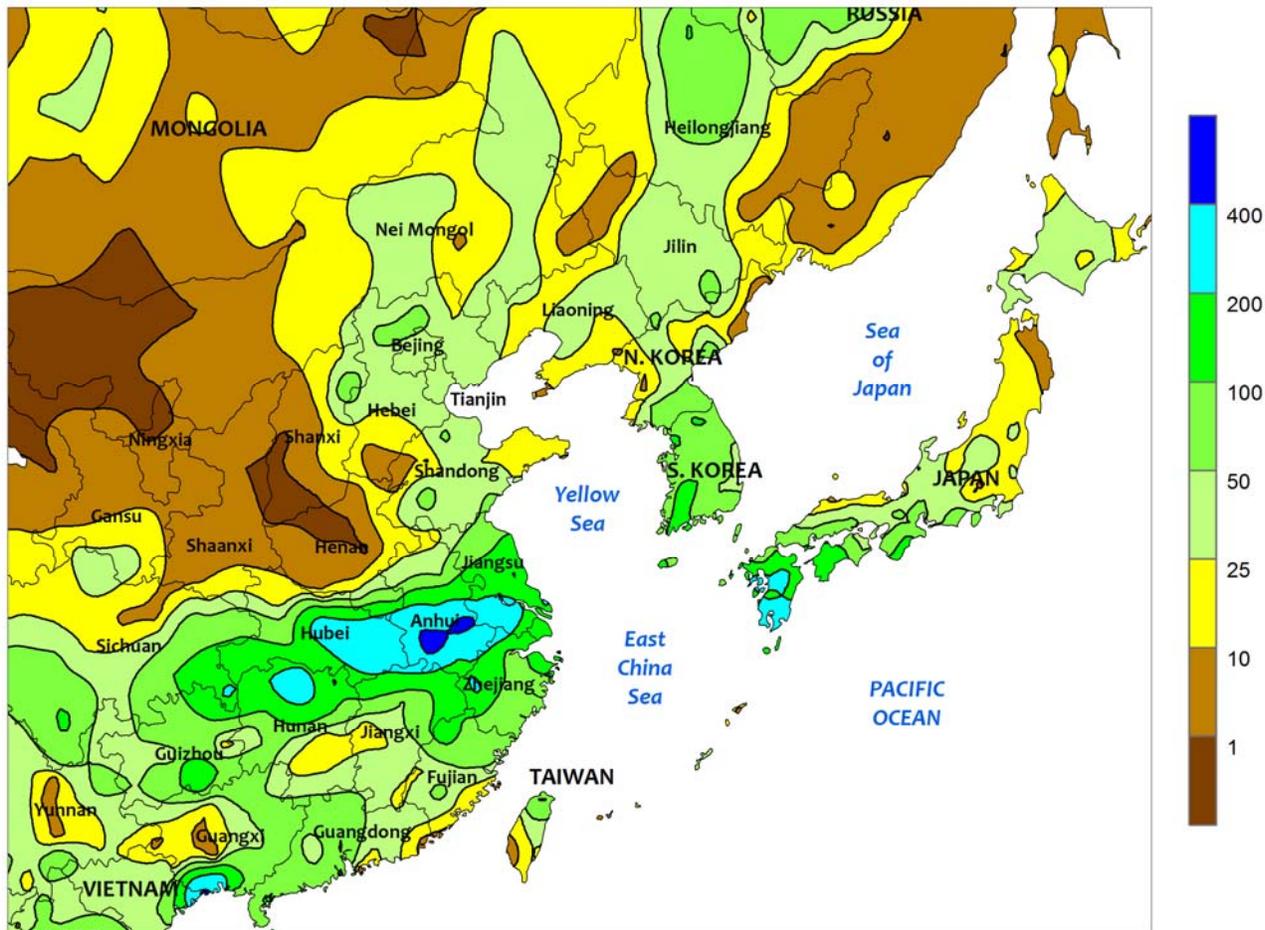


SOUTH ASIA

Monsoon showers were reported in nearly all major growing areas of India. Most of central India's cotton and oilseed areas (Madhya Pradesh and eastern Maharashtra) received 25 to over 50 mm of rain, encouraging planting and aiding crop establishment. Similar amounts benefited rice cultivation in eastern India, while increasing water supplies for irrigated rice and cotton in the north. Pockets of dry weather existed in far western cotton areas (northern Gujarat) and northeastern rice areas (Bihar), but the dryness likely had little impact on crop prospects in these areas. In fact, optimism for improved crop prospects throughout India

versus the last two years continued. Planting throughout the country was reportedly at a pace below the average and behind last year at this time, reflecting the late arrival of seasonal rainfall in many areas. In other parts of the region, moisture conditions remained favorable for summer (yala) rice in Sri Lanka as the country enters into a seasonally drier period, while recent showers (50-100 mm) in Bangladesh improved short-term moisture conditions for summer-grown (aman) rice. Seasonal rainfall arrived in Pakistan, with as much as 50 mm improving irrigation supplies and providing good supplemental water to irrigated cotton and rice.

EASTERN ASIA
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



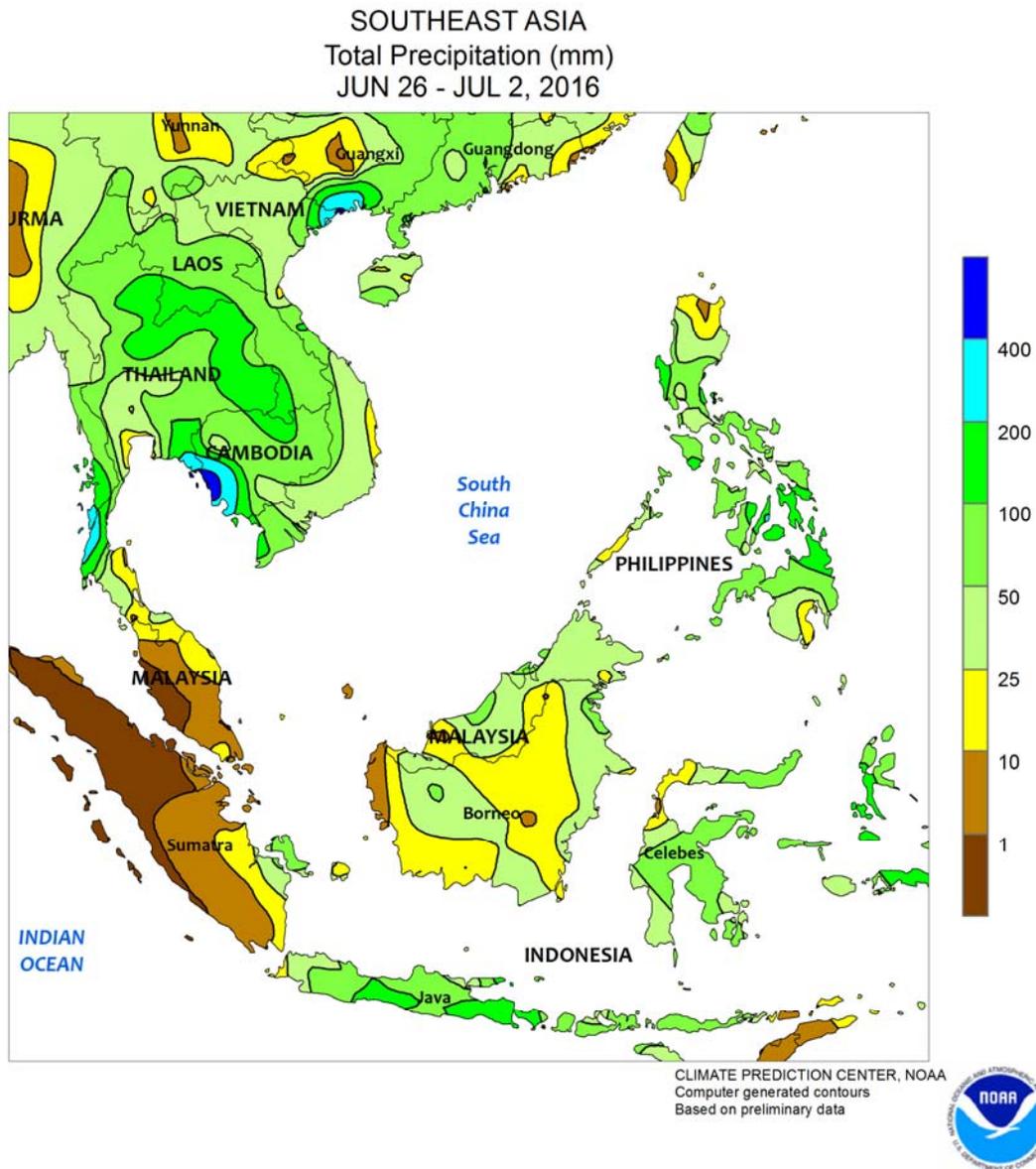
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



EASTERN ASIA

Showers continued across northeast China, with 10 to 25 mm covering western-most corn and soybean districts (higher amounts occurred in central Heilongjiang and eastern Jilin). Consistent rainfall and seasonable temperatures have resulted in good to excellent crop conditions throughout the northeastern provinces. Farther south, showers continued on most of the North China Plain, slowing what remained of the winter wheat harvest. Drier weather was confined to western sections (Henan and Shanxi), helping to finish the wheat harvest in these locations. Persistent wetness, while beneficial for summer crops, reportedly has reduced wheat quality and yields across the North China Plain. Meanwhile, the heaviest rainfall for the week occurred in eastern portions

of the Yangtze River Basin (Hubei and Anhui), where over 200 mm (locally over 500 mm) drenched already-saturated soils and likely resulted in significant standing water in affected fields. The conditions were unfavorable for minor row crops in the region (corn, soybeans, and cotton) but likely had little effect on rice which requires full submersion before damage occurs. In southern China, widespread showers (25-50 mm or more) broke a developing drying trend for late-crop rice and brought rainfall totals (since June 1) back to normal. Elsewhere, showers across the Korean Peninsula (10-50 mm) improved conditions for rice, particularly in South Korea, where rainfall had been most inconsistent.

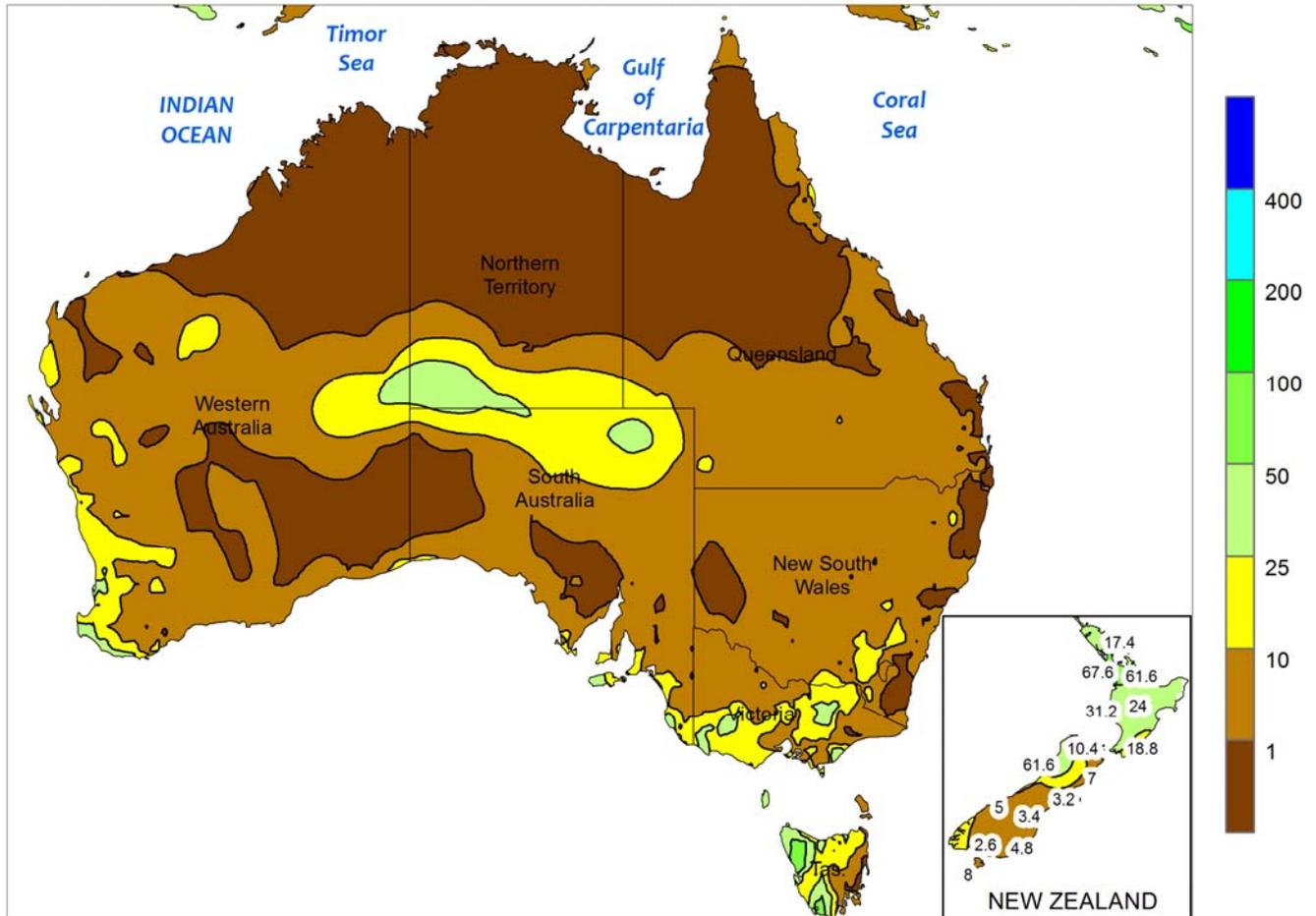


SOUTHEAST ASIA

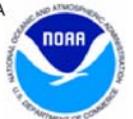
Monsoon showers continued across Thailand and environs, with over 25 mm and locally more than 100 mm (based on surface reports and satellite-derived estimates) providing adequate to ample water to rice. Total rainfall since June 1 has been above normal in most rice areas of Indochina. Similarly, recent showers (25-100 mm) across much of the Philippines kept rainfall totals (since June 1) above normal. However, northern regions of the Philippines continued to

receive below-normal rainfall, increasing short-term rainfall deficits for rice and corn. In southern portions of the region, drier weather prevailed in oil palm areas of Malaysia and Indonesia, with little if any rainfall occurring in western growing areas of both countries. The dryness had little impact on oil palm in Indonesia, where rainfall has been consistent over the last three months, but the dryness further exacerbated rainfall deficits in western Malaysia.

AUSTRALIA
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



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

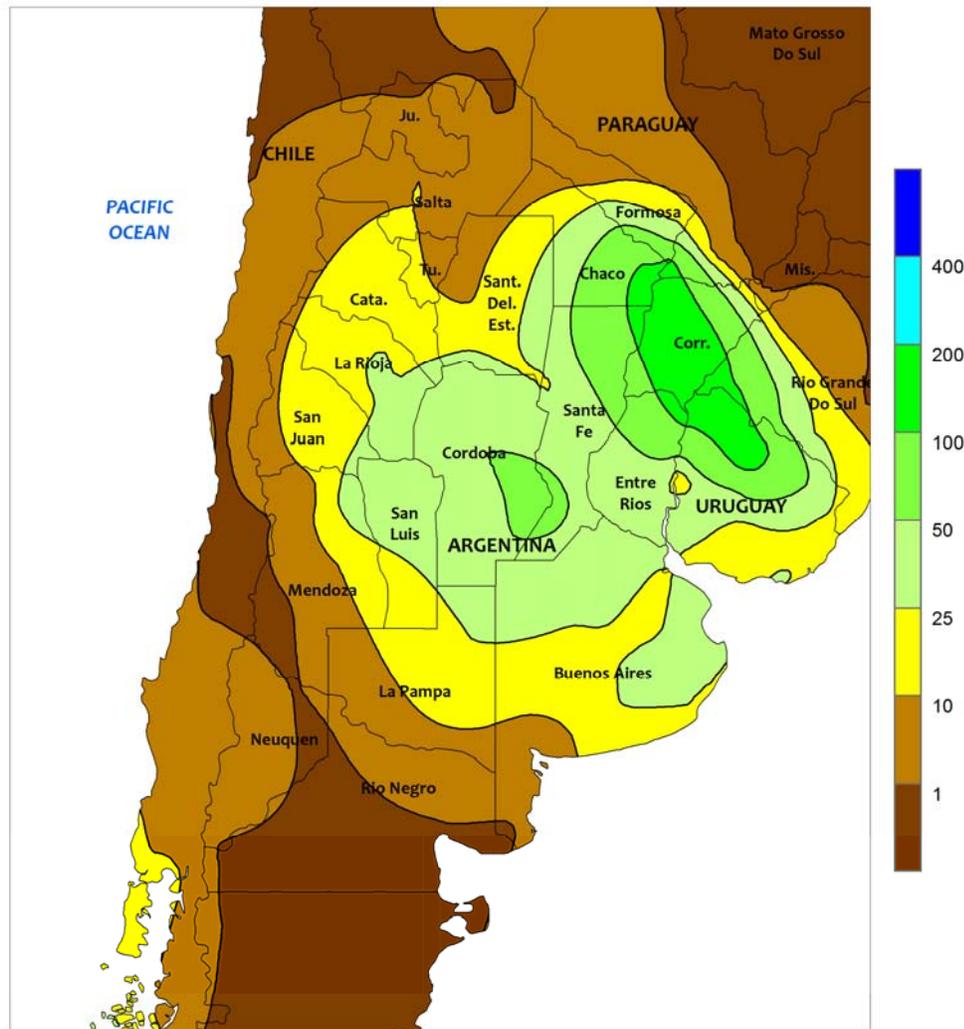


AUSTRALIA

In the wake of last week's soaking rains, mostly dry weather (generally less than 5 mm) overspread southern Queensland and northern New South Wales. The subsequent combination of sunny skies and adequate to abundant topsoil moisture further benefited winter crops, aiding establishment of wheat and other winter grains. Elsewhere in the wheat belt, scattered showers (5-25 mm) in southeastern and western Australia continued to favor vegetative wheat, barley, and canola. Since

the beginning of May, rainfall has been above normal in southeastern Australia and near normal in Western Australia. The frequent, often soaking rains have kept winter grains and oilseeds well watered, resulting in good to excellent early-season crop prospects. Temperatures in western and southern Australia were generally seasonable, while in eastern Australia temperatures averaged 1 to 2°C below normal, slowing the pace of crop development somewhat.

ARGENTINA
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



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

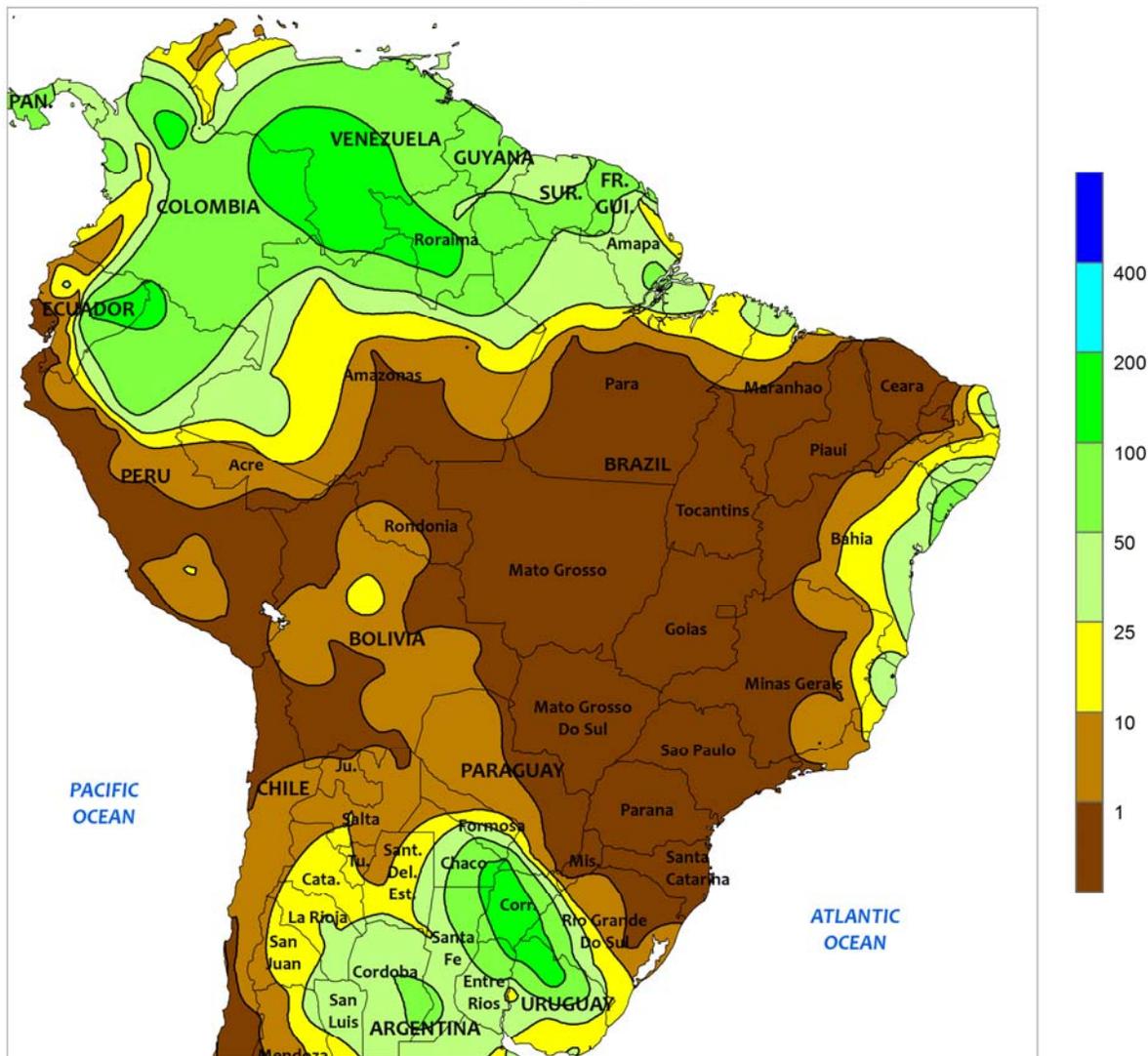


ARGENTINA

Following an extended period of dryness, locally heavy rain returned to central Argentina, slowing the final stages of summer crop harvesting. Rainfall totaled more than 25 mm over a broad area extending from northern Cordoba to eastern Buenos Aires, with amounts locally exceeding 50 mm in eastern Cordoba and nearby locations in Santa Fe. Most other areas recorded at least 10 mm. A second area of heavy rainfall (50-100 mm, locally higher) stretched from eastern Cordoba to

northern Uruguay, disrupting harvesting of cotton and other summer crops. Amounts of 10 mm extended westward through Santiago del Estero. Weekly temperatures averaged near to above normal in eastern agricultural areas, and near to below normal in the west. Nighttime lows dropped below freezing almost as far north as Tucuman in western farming areas. According to Argentina's Ministry of Agriculture, corn was 51 harvested as of June 30, compared with 66 percent last year.

BRAZIL
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



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

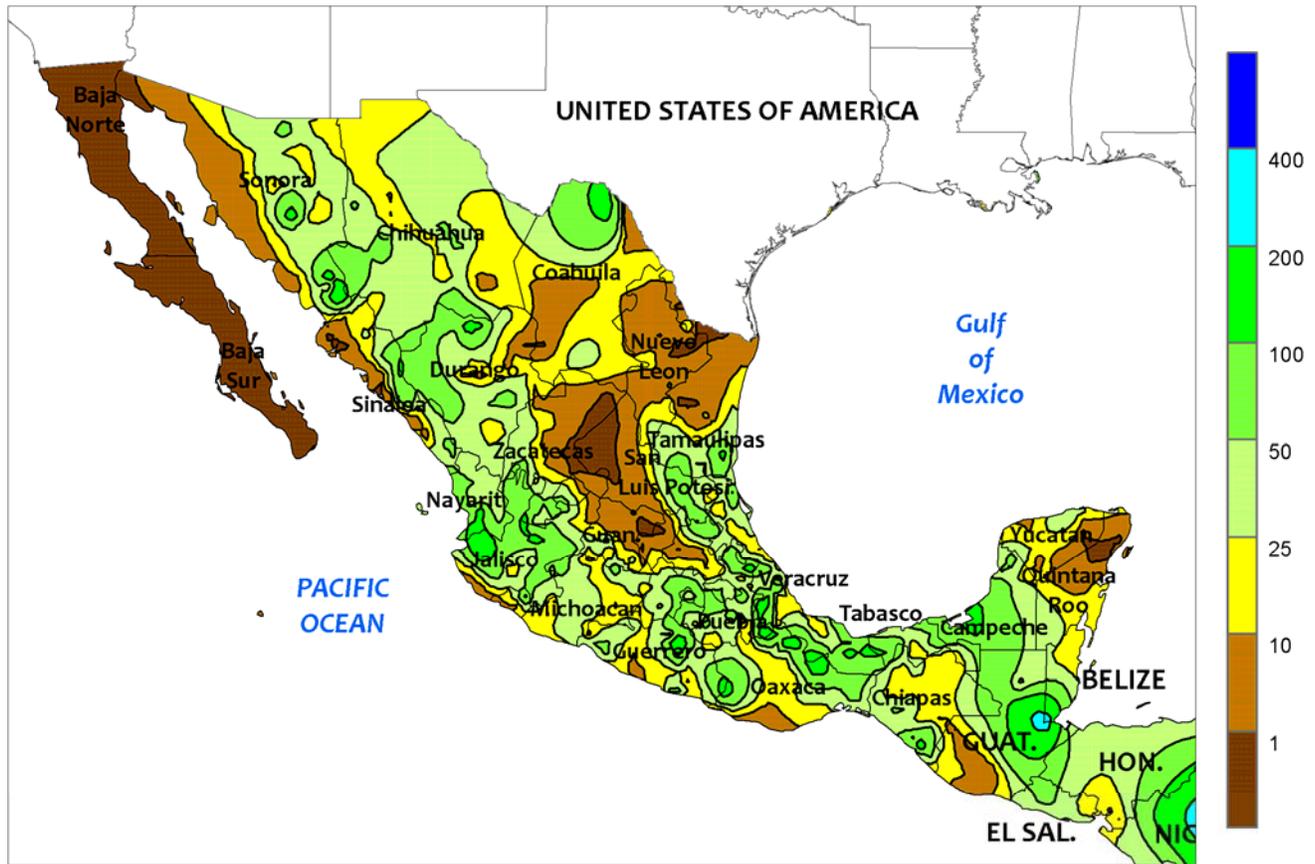


BRAZIL

Warm, dry weather dominated most major agricultural areas, hastening development of second-crop corn and cotton. Virtually no rain fell from northern Rio Grande do Sul northward through the Center-West Region (Mato Grosso and environs) and the northeastern interior (Tocantins and neighboring locations in Bahia, Piaui, and Maranhao); this included most southeastern sugarcane and coffee areas, where

harvesting was underway. Weekly temperatures averaged up to 3°C above normal in the aforementioned areas, with daytime highs continuing to reach the middle 30s (degrees C) in traditionally warmer locations in Mato Grosso and Tocantins. Meanwhile, seasonal rainfall (10-100 mm) lingered along the northeastern coast, boosting moisture reserves for sugarcane, cocoa, and coffee.

MEXICO
 Total Precipitation (mm)
 JUN 26 - JUL 2, 2016



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

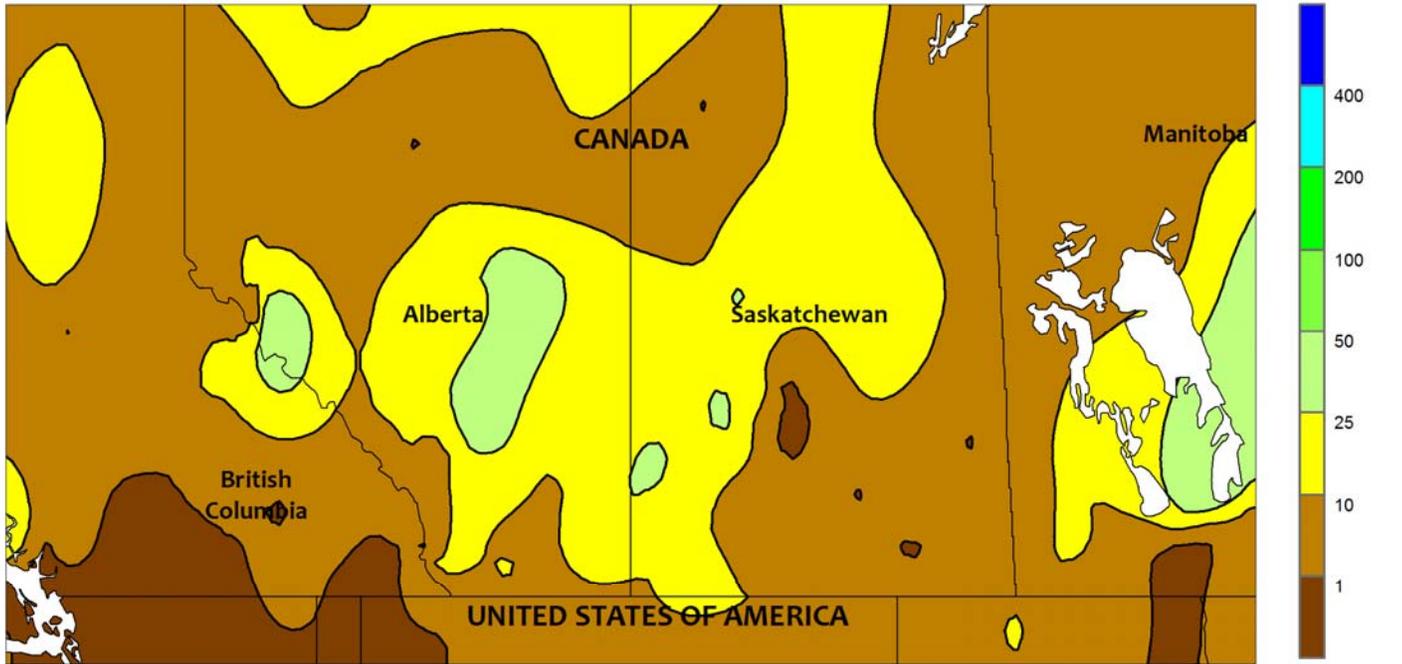


MEXICO

Monsoon showers covered a broad area of northwestern Mexico, helping to improve long-term irrigation reserves. Amounts locally exceeded 50 mm from Nayarit and western Zacatecas northward through eastern Sonora and Chihuahua, with most of the region recording at least 25 mm. In contrast, mostly dry, warm weather (daytime highs in the middle and upper 30s degrees C) dominated the lower Rio Grande Valley (Coahuila to northern Tamaulipas), increasing

moisture requirements of crops and livestock. Farther south, moderate to heavy rain (10-50 mm, locally exceeding 100 mm) overspread the southern plateau, benefiting corn and other rain-fed summer crops. Similar amounts were recorded along the Gulf Coast (southern Tamaulipas to Campeche), increasing moisture for sugarcane as well as irrigated fruits and vegetables. Scattered showers prevailed along the southern Pacific Coast.

CANADIAN PRAIRIES Total Precipitation (mm) JUN 26 - JUL 2, 2016



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

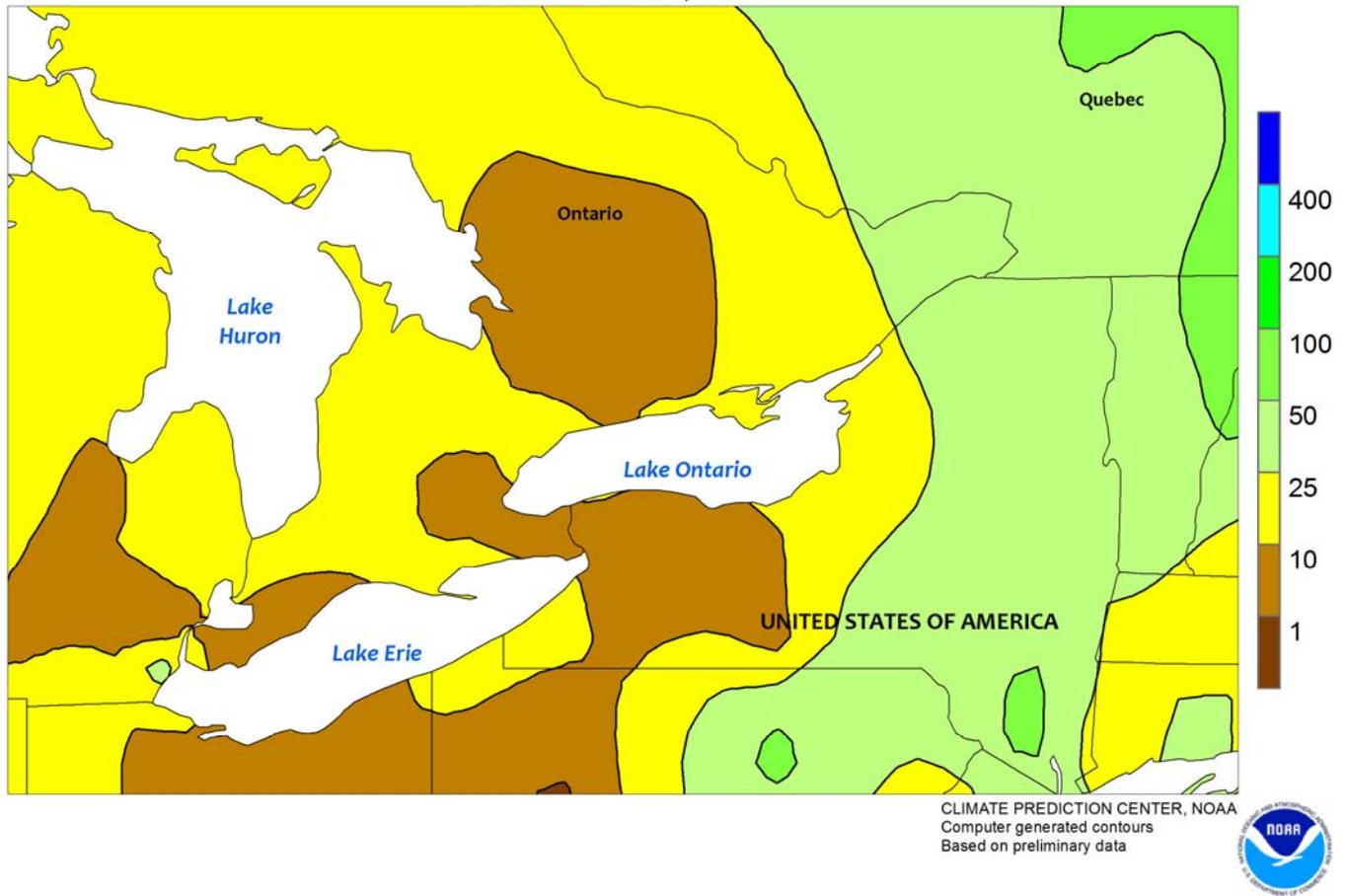


CANADIAN PRAIRIES

Warm, showery weather benefited vegetative to reproductive spring crops in western agricultural districts. Rainfall totaled 5 to 25 mm — locally higher — over most of Alberta and in Saskatchewan’s western and northern farming areas. Near-to above-normal temperatures (daytime highs reaching the lower and middle 20s degrees C) spurred spring grain and oilseed development in the absence of stressful heat. Drier-

somewhat cooler-than-average weather dominated Manitoba and southeastern Saskatchewan, although Manitoba’s central farming areas recorded more than 10 mm of rain. As in the western Prairies, daytime highs reached the middle and upper 20s, though the occurrences were less frequent. Prairie-wide, nighttime lows dropped below 5°C in spots but no freezes were recorded.

SOUTHEASTERN CANADA
Total Precipitation (mm)
JUN 26 - JUL 2, 2016



SOUTHEASTERN CANADA

Drier-than-normal conditions continued across much of Ontario, where moisture had become limited for normal development of corn and soybeans. Showers were generally scattered and light, with many locations recording less than 10 mm, although rainfall approached 25 mm in farming areas nearest the Great Lakes. Weekly temperatures averaged near to slightly below normal, as early-week above-normal temperatures (daytime highs reaching the low 30s degrees C) quickly gave way to

cooler conditions. Nighttime lows fell below 10°C on several days during the latter part of the week. Elsewhere, moderate to heavy rain (10-50 mm) brought some relief from dryness to farming areas of southern Quebec and easternmost Ontario. Weekly average temperatures were generally 1°C above normal in the wetter area; similar to Ontario, warm weather (daytime highs in the low 30s) was replaced by more seasonable temperatures as the week progressed.

U.S. Acreage Highlights

The following information was released by USDA's Agricultural Statistics Board on June 30, 2016.

Corn planted area for all purposes in 2016 is estimated at 94.1 million acres, up 7% from last year. This represents the third-highest planted U.S. acreage since 1944. Area harvested for grain, at 86.6 million acres, is up 7% from last year and represents the third-highest area harvested for grain since 1933.

Soybean planted area for 2016 is estimated at a record-high 83.7 million acres, up 1% from last year. Area for harvest, at 83.0 million acres, is also up 1% from 2015 and, if realized, will be a record high. Record-high planted acreage is estimated in Michigan, Minnesota, New York, North Dakota, Ohio, Pennsylvania, and Wisconsin.

All wheat planted area for 2016 is estimated at 50.8 million acres, down 7% from 2015. The 2016 winter wheat planted

area, at 36.5 million acres, is down 7% from last year but up 1% from the previous estimate. Of this total, about 26.5 million acres are Hard Red Winter, 6.58 million acres are Soft Red Winter, and 3.42 million acres are White Winter.

Area planted to other spring wheat for 2016 is estimated at 12.1 million acres, down 8% from 2015. Of this total, about 11.4 million acres are Hard Red Spring wheat.

Durum planted area for 2016 is estimated at 2.15 million acres, up 11% from the previous year.

All cotton planted area for 2016 is estimated at 10.0 million acres, 17% above last year. Upland area is estimated at 9.82 million acres, up 17% from 2015. American Pima area is estimated at 199,000 acres, up 26% from 2015.

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

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