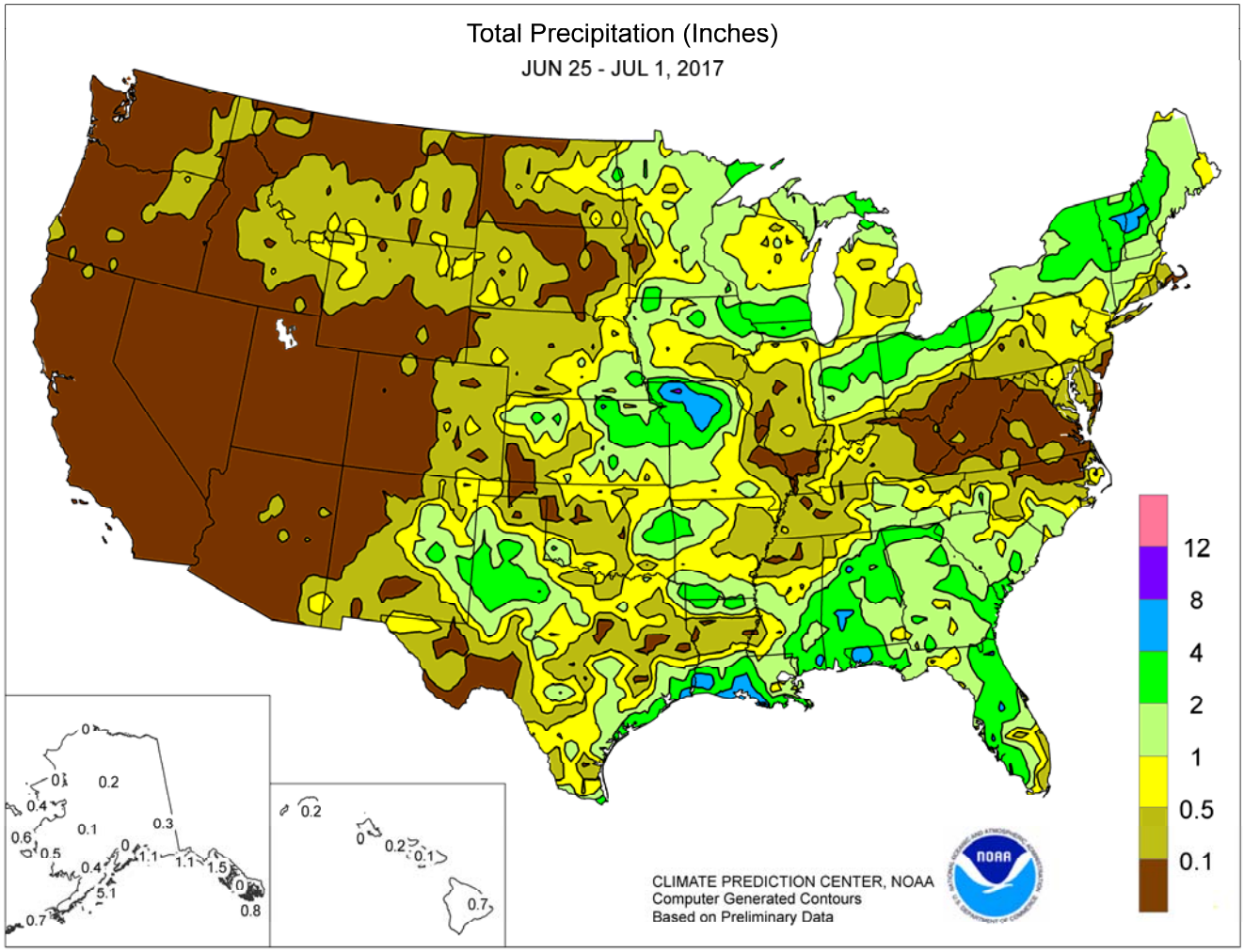
Volume 104, No. 27 http://www.usda.gov/oce/weather July 5, 2017

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 25 – July 1, 2017

Highlights provided by USDA/WAOB

Beneficial showers dotted the **southeastern half of the Plains**, but rainfall was spottier and more erratic farther north and west. As a result, the **northern Plains** experienced little, if any, relief from a punishing, early-season drought, despite a period of cool weather. In fact, weekly temperatures averaged 4 to 8°F below normal in a broad area centered on the **upper Midwest**. Near- to below-normal temperatures covered all of the **central and eastern U.S.**, excluding **southern Florida** and **southern and western sections of Texas**. In contrast, hot, mostly

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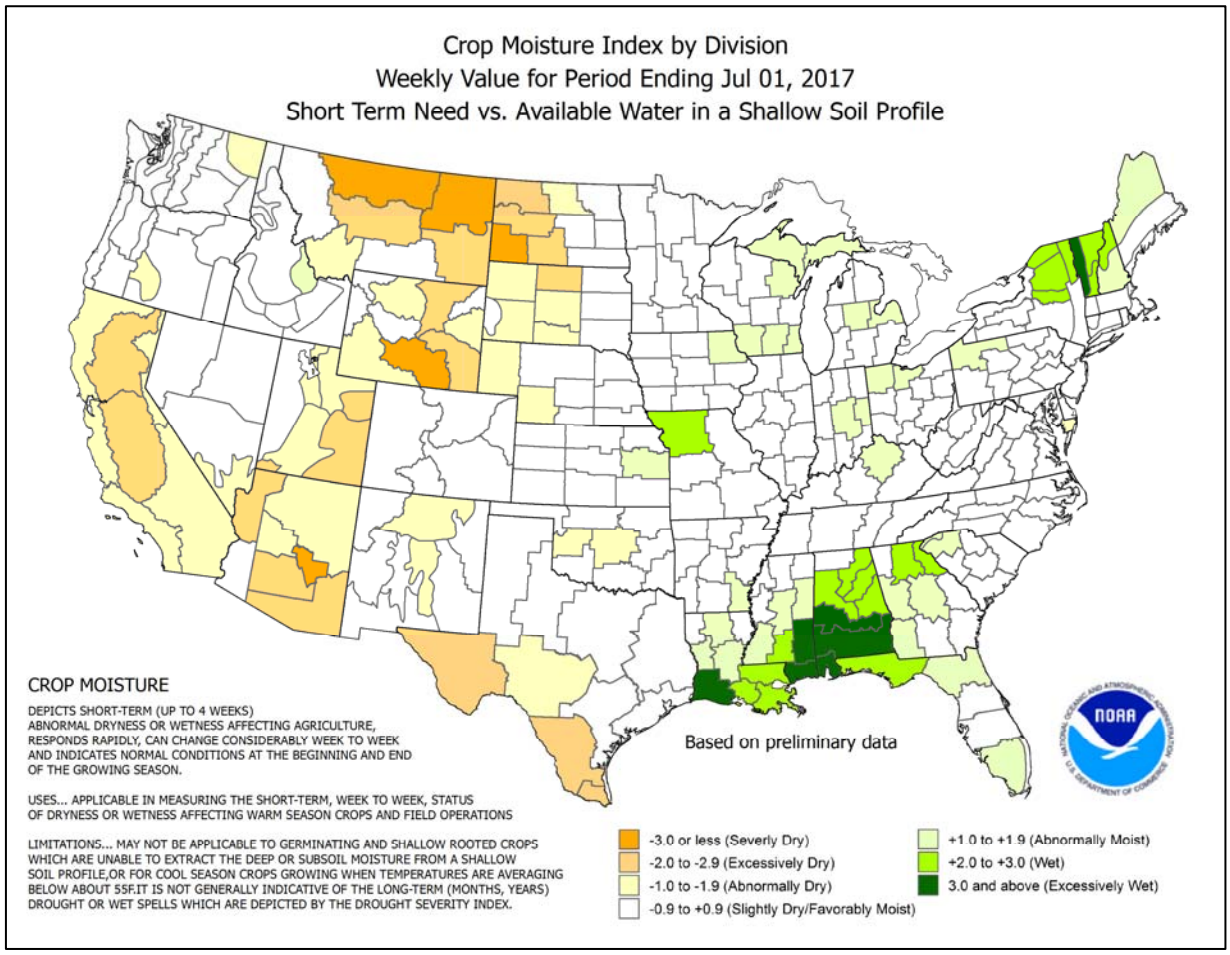
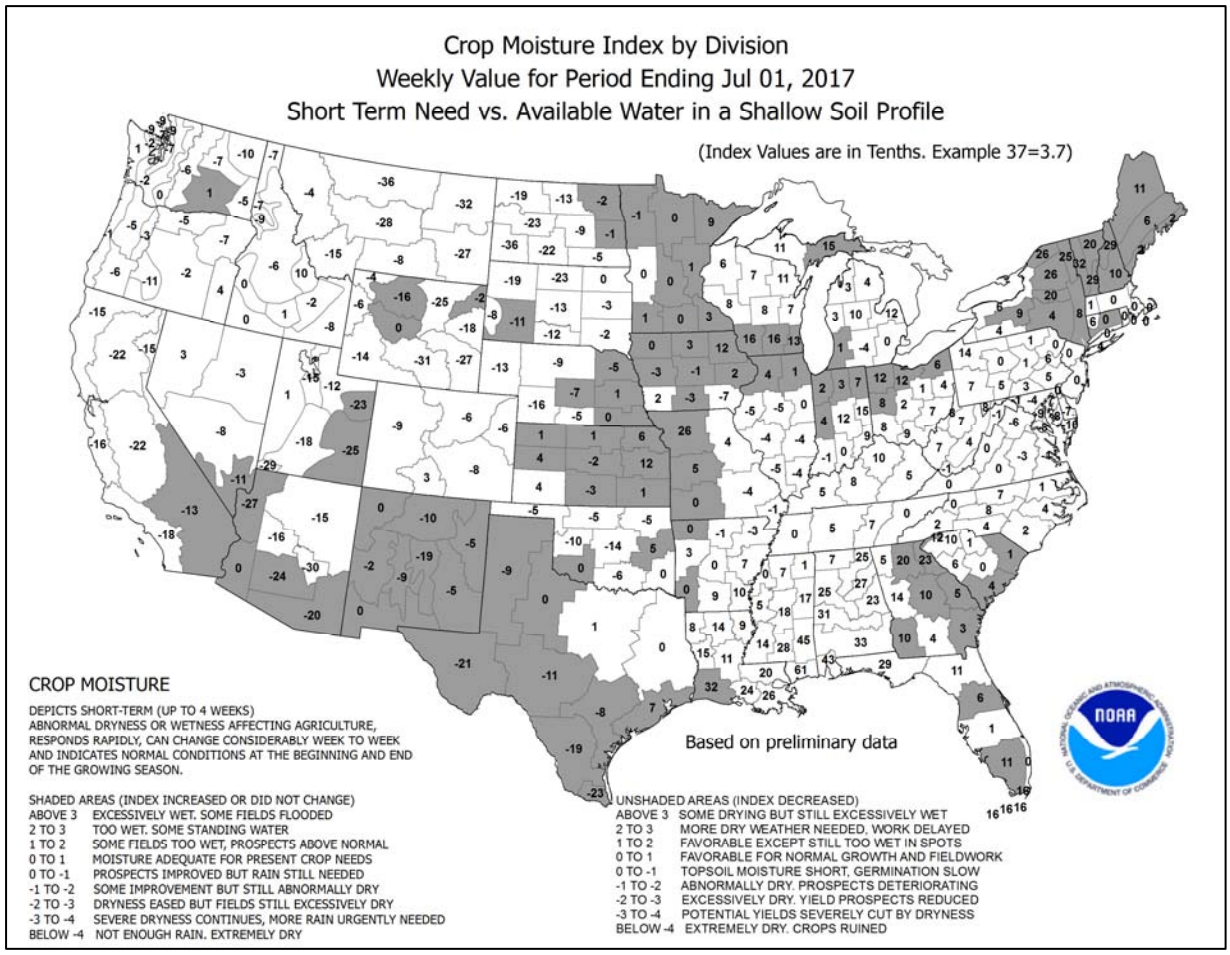
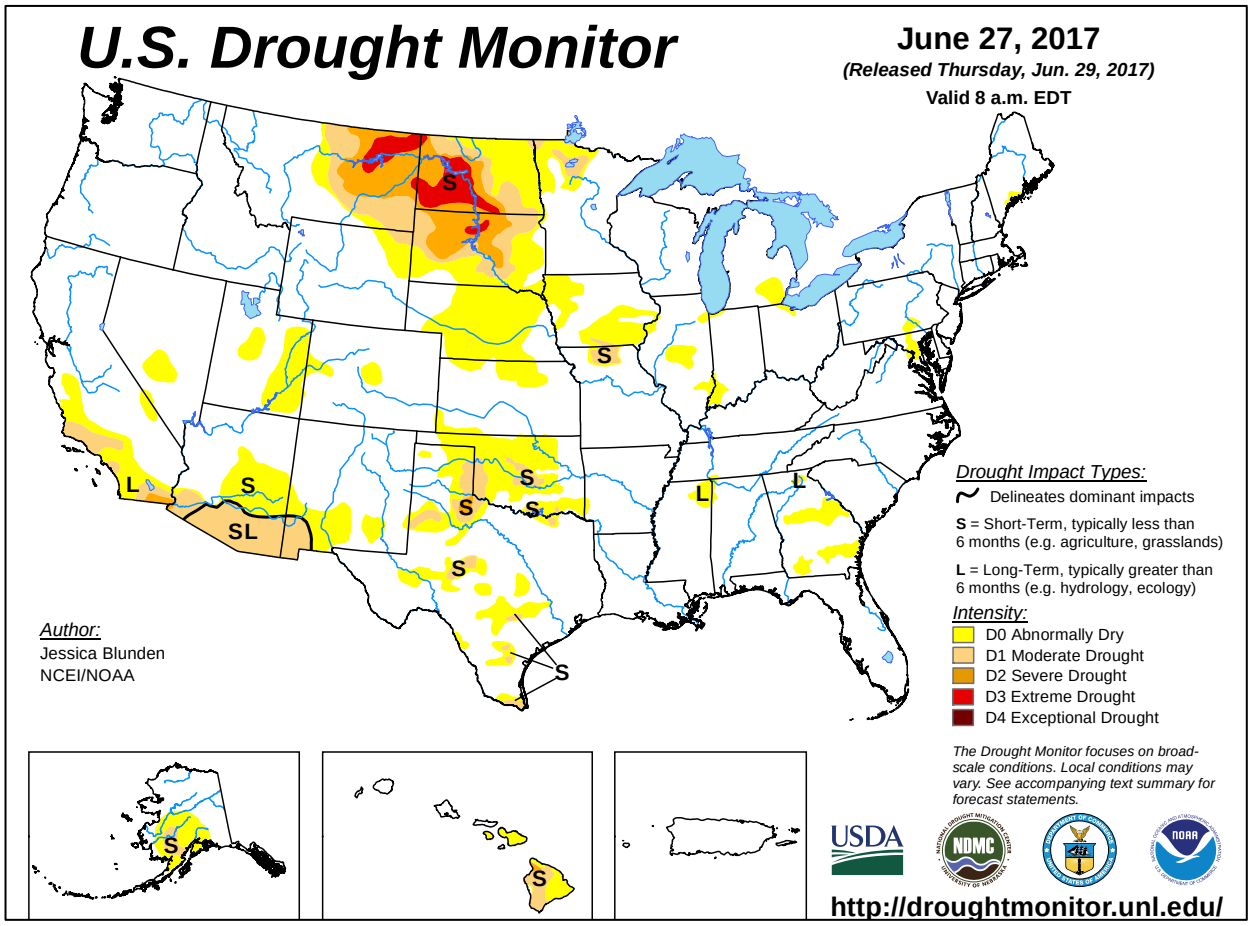
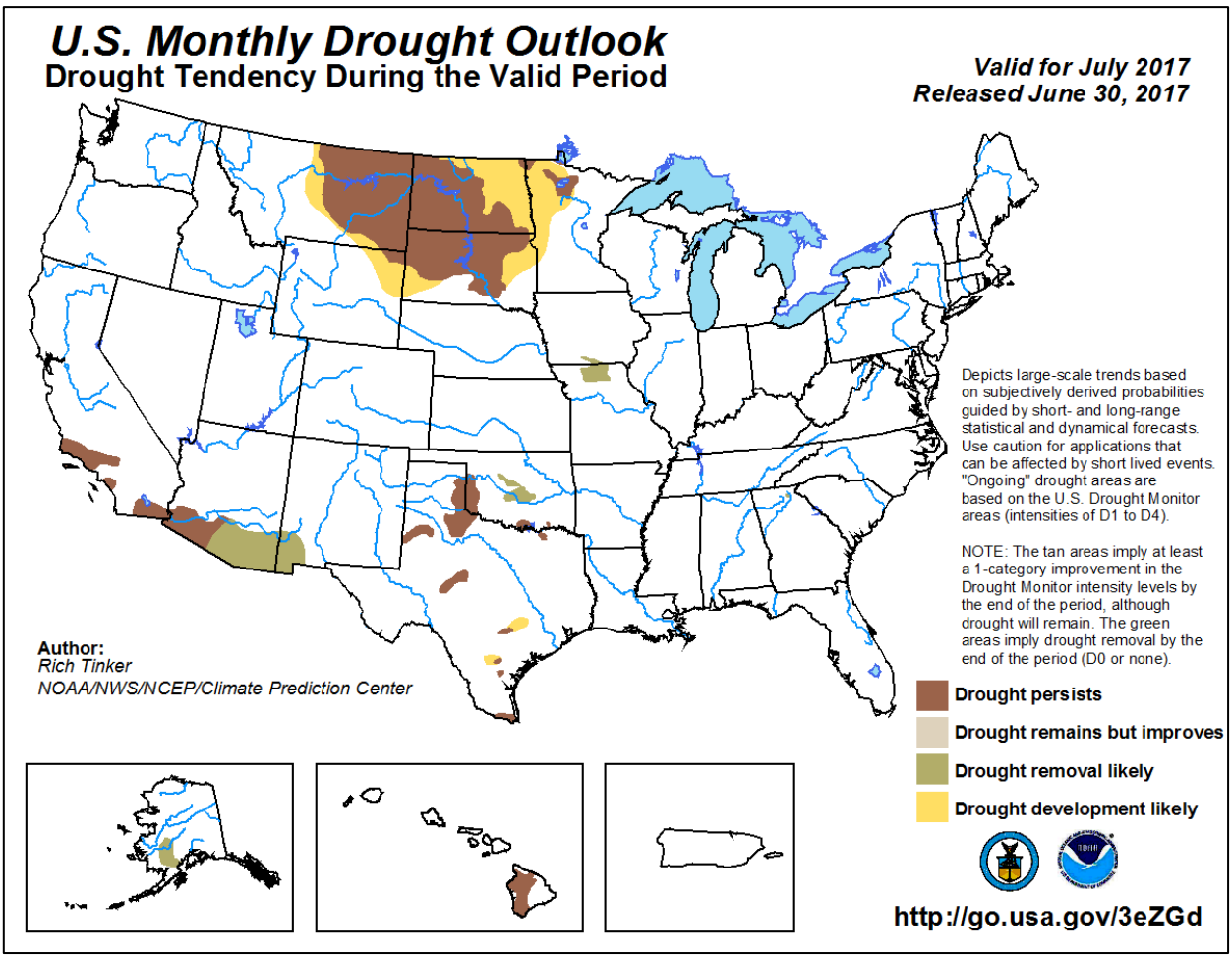
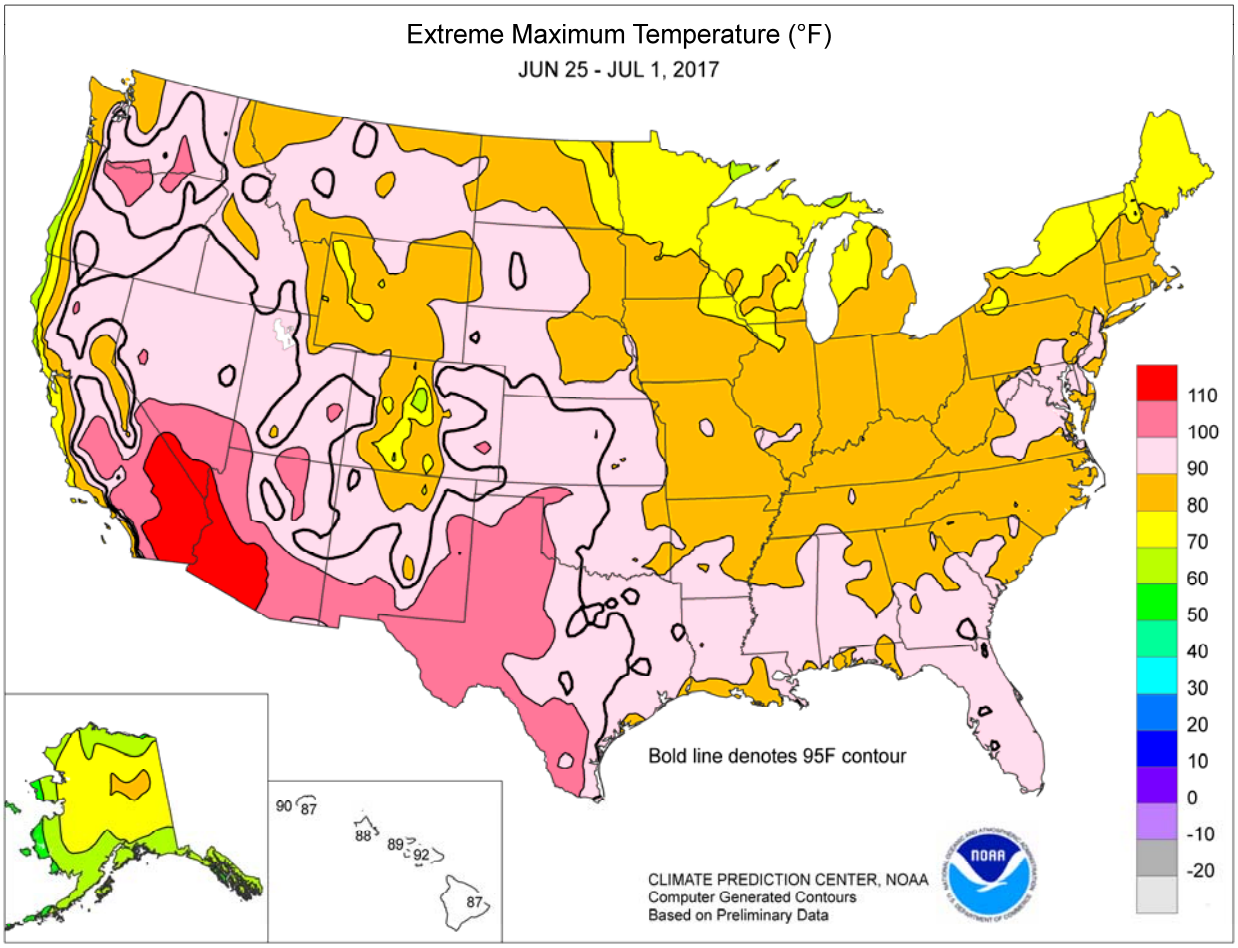
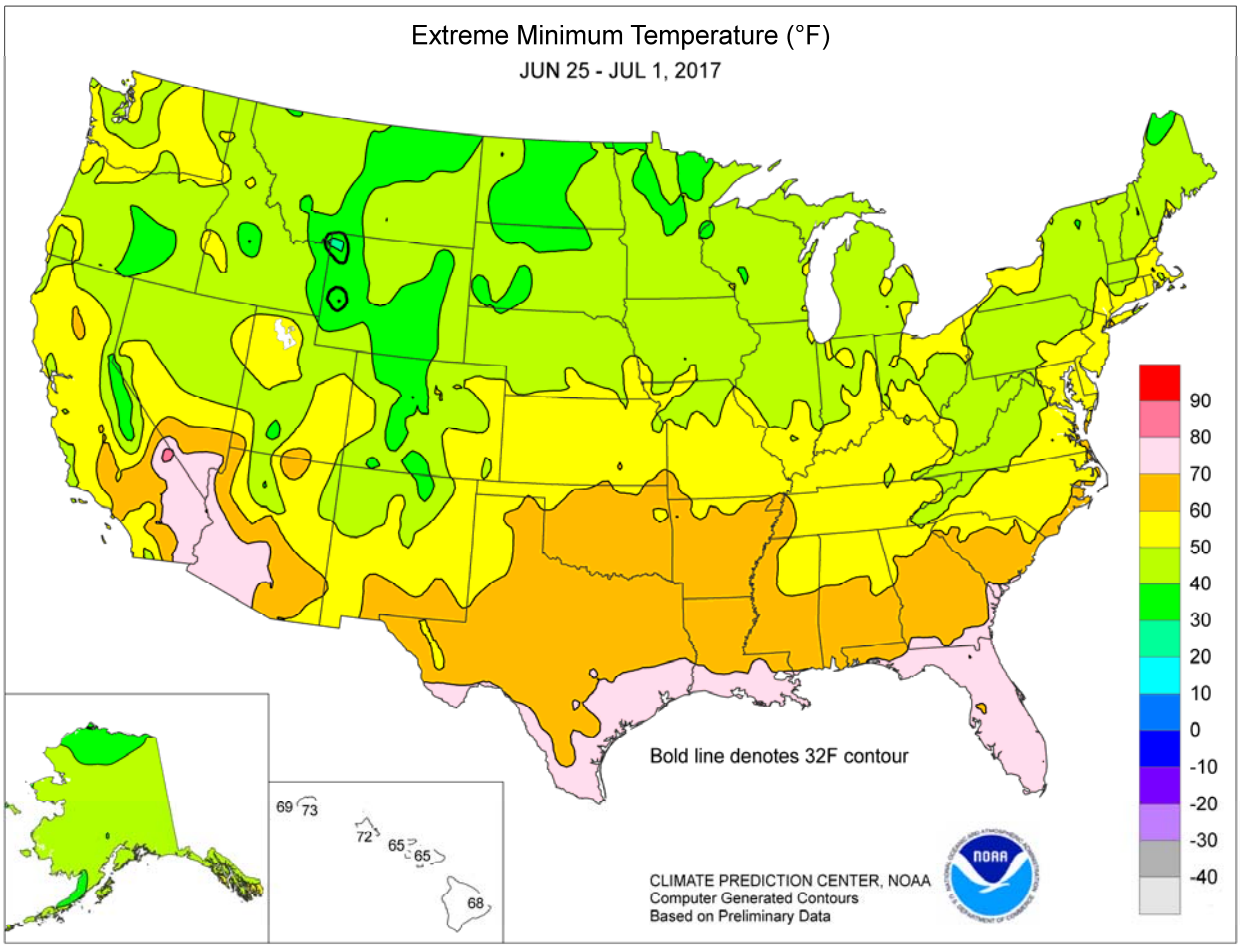

Crop Moisture Index by Division
Weekly Value for Period Ending Jul 01, 2017
Short Term Need vs. Available Water in a Shallow Soil Profile
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES... APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS
LIMITATIONS... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A SHALLOW SOIL PROFILE,OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F.IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
Based on preliminary data
-3.0 or less (Severly Dry)
-2.0 to -2.9 (Excessively Dry)
-1.0 to -1.9 (Abnormally Dry)
-0.9 to +0.9 (Slightly Dry/Favorably Moist)
+1.0 to +1.9 (Abnormally Moist)
+2.0 to +3.0 (Wet)
3.0 and above (Excessively Wet)


Crop Moisture Index by Division
Weekly Value for Period Ending Jul 01, 2017
Short Term Need vs. Available Water in a Shallow Soil Profile
(Index Values are in Tenths. Example 37=3.7)
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
SHADED AREAS (INDEX INCREASED OR DID NOT CHANGE)
ABOVE 3 EXCESSIVELY WET. SOME FIELDS FLOODED
2 TO 3 TOO WET. SOME STANDING WATER
1 TO 2 SOME FIELDS TOO WET, PROSPECTS ABOVE NORMAL
0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4 SEVERE DRYNESS CONTINUES, MORE RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN. EXTREMELY DRY
UNSHADED AREAS (INDEX DECREASED)
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT. GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY. PROSPECTS DETERIORATING
-2 TO -3 EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4 EXTREMELY DRY. CROPS RUINED
Based on preliminary data


U.S. Drought Monitor
June 27, 2017
(Released Thursday, Jun. 29, 2017)
Valid 8 a.m. EDT
Author:
Jessica Blunden
NCEI/NOAA
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.
USDA
NDMC
http://droughtmonitor.unl.edu/

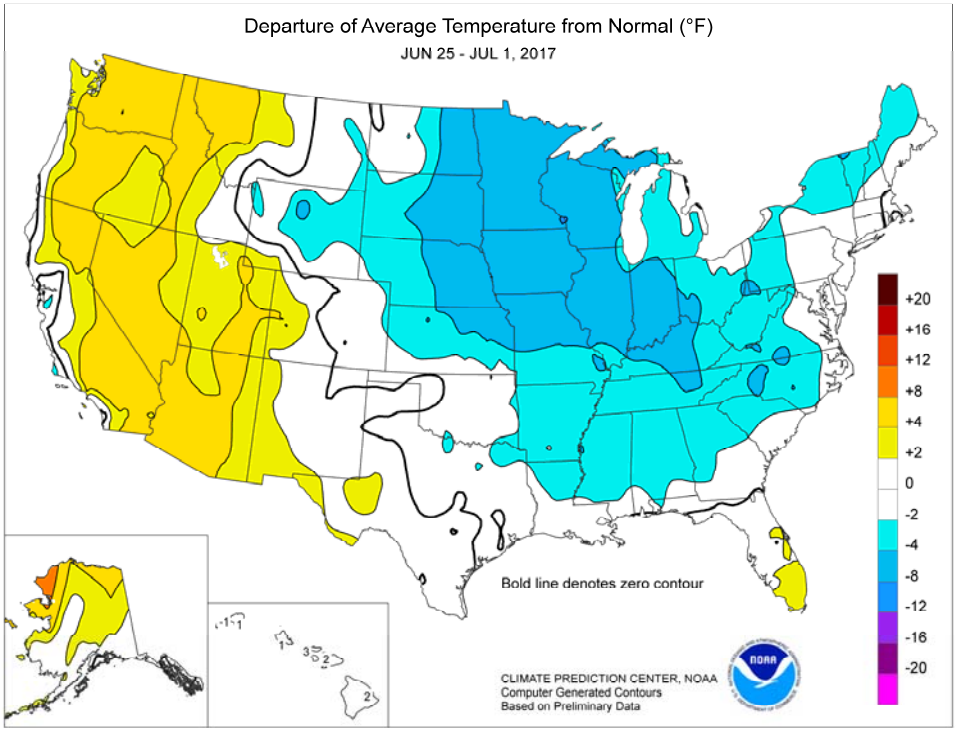

U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for July 2017
Released June 30, 2017
Author:
Rich Tinker
NOAA/NWS/NCEP/Climate Prediction Center
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).
Drought persists
Drought remains but improves
Drought removal likely
Drought development likely
http://go.usa.gov/3eZGd


Extreme Maximum Temperature (°F)
JUN 25 - JUL 1, 2017
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
90
87
88
89
92
87
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
JUN 25 - JUL 1, 2017
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
69
73
72
65
65
68
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

(Continued from front cover)

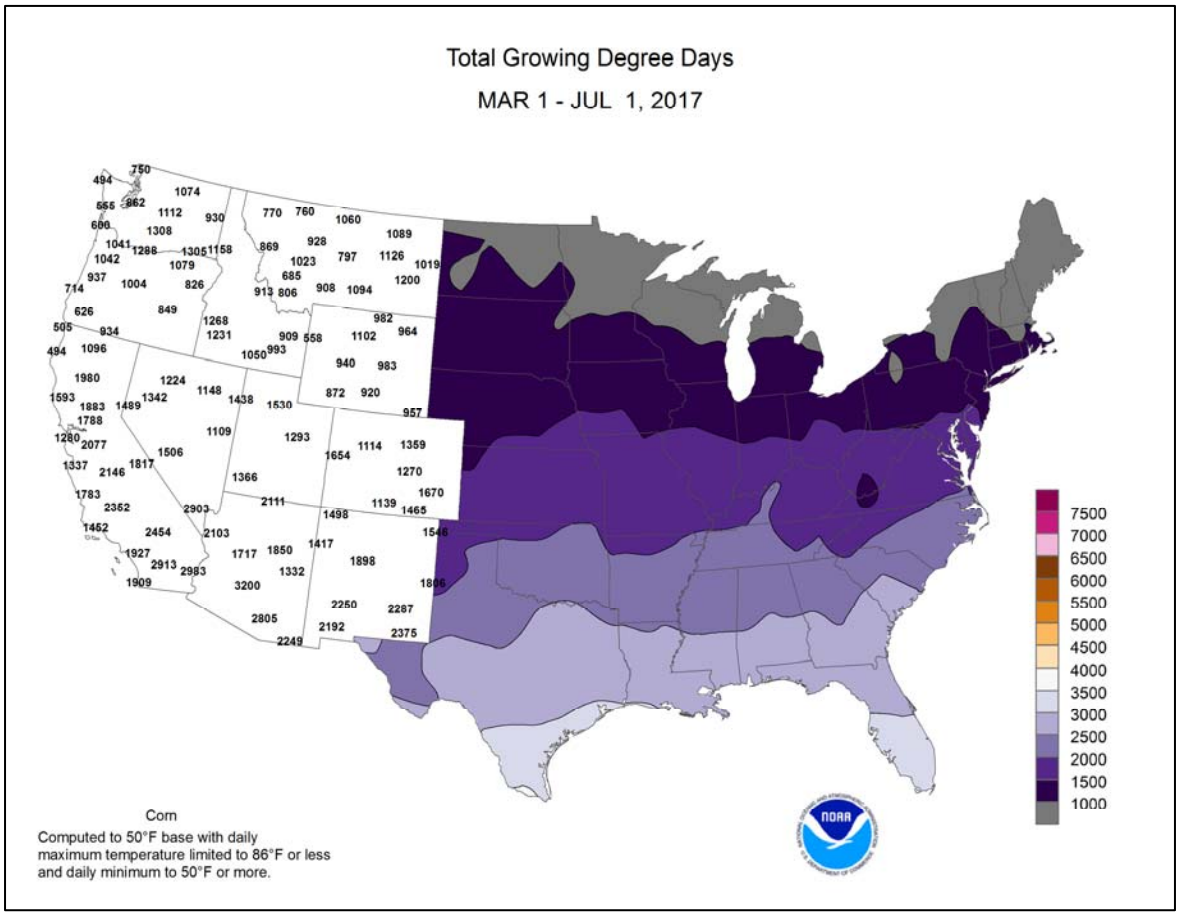
dry weather persisted in the **West**, although temperatures in **California** and the **Southwest** were lower than those observed the previous week. Nonetheless, weekly readings ranged from 4 to 8°F above normal throughout the **Far West**, except along the **Pacific Coast**. Meanwhile, locally heavy showers and thunderstorms affected the **northern and western Corn Belt**, keeping crops mostly well-watered but bypassing a few spots. Notably, rainfall has been consistently below normal in recent weeks in several **Midwestern** areas, including **southern Michigan** and a broad arc from **Nebraska to central Illinois**. Elsewhere, short-term dryness began to stress crops and pastures in the **Mid-Atlantic region**, but showery weather maintained generally adequate to locally surplus soil moisture across the **South**.

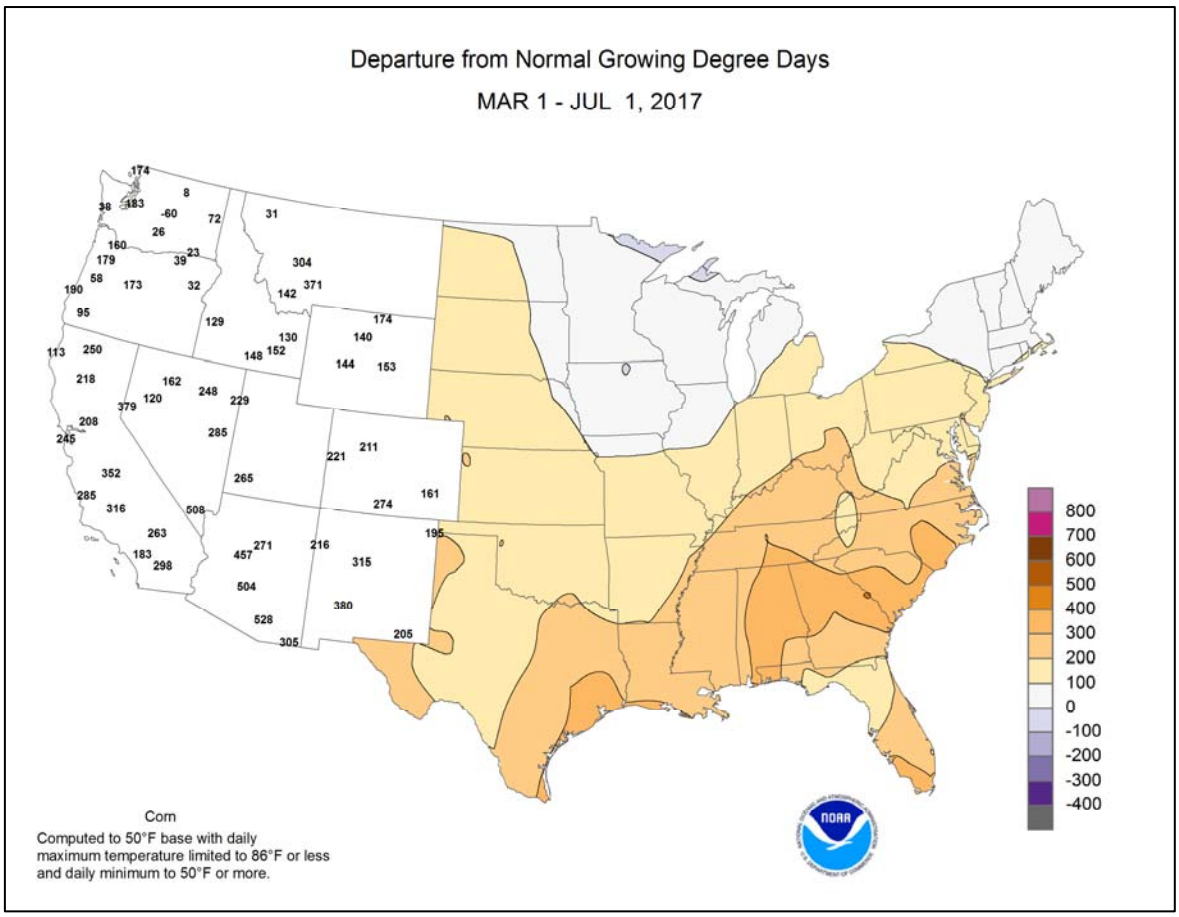


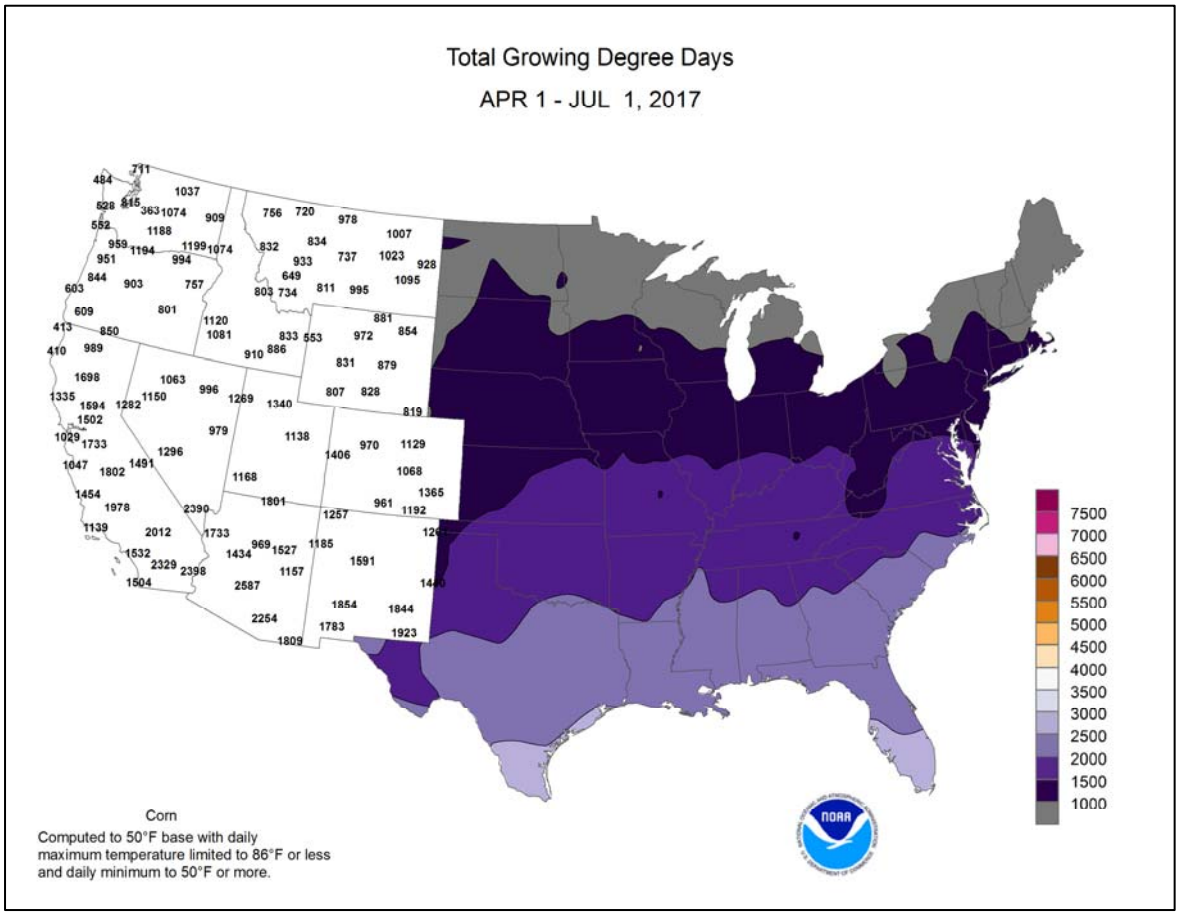
Extreme **Western** heat lingered through June 25, when **Campo, CA**, set a monthly record high with 108°F. Previously, **Campo's** highest June temperature had occurred on June 26, 1990 and 1994, when it was 107°F. Elsewhere on the 25th, **Palm Springs, CA**, attained a June record-tying high of 122°F for the third time this month—along with June 20 and 24. Farther north, monthly records were tied on June 25 in **Washington** locations such as **Olympia** (98°F) and **Seattle** (96°F). There was little relief at night, as **Tucson, AZ**, reported 9 consecutive days (June 20-28) with minimum temperatures of 80°F or greater. **Tucson's** previous record of 8 days had been set from June 24 – July 1, 1990. In **Phoenix, AZ**, a minimum temperature of 93°F on June 25 tied a monthly record originally set on June 27, 1990. Conversely, chilly air settled across the **northern Plains** and **Midwest**. In **Montana**, **Havre** posted a daily-record low of 39°F on June 25. From June 25-27, **Aberdeen, SD**, tallied a trio of daily-record lows (41, 39, and 42°F). Similarly, **Ottumwa, IA**, notched consecutive daily-record lows (46 and 44°F, respectively) on June 26-27. Daily-record lows were also set or tied in locations such as **Fargo, ND** (40°F on June 26); **St. Cloud, MN** (42°F on June 26); and **Moline, IL** (46°F on June 27). The cool air later reached the **Mid-Atlantic States**, where record-setting lows for June 28 included 49°F in **Lynchburg, VA**, and 51°F in **Baltimore, MD**. Late in the week, another push of cool air brought daily-record lows for July 1 to several communities in **Kansas**, including **Garden City** (53°F) and **Wichita** (58°F). In contrast, late-week heat arrived across the **southern High Plains**, boosting temperatures to daily-record levels in **Texas** locations such as **Lubbock** (107°F on June 29) and **Midland** (106°F on June 30). In the **Southwest**, ongoing heat capped the hottest June on record in **Tucson, AZ**. **Tucson's** monthly average temperature of 89.7°F edged its June 2013 standard of 89.5°F.

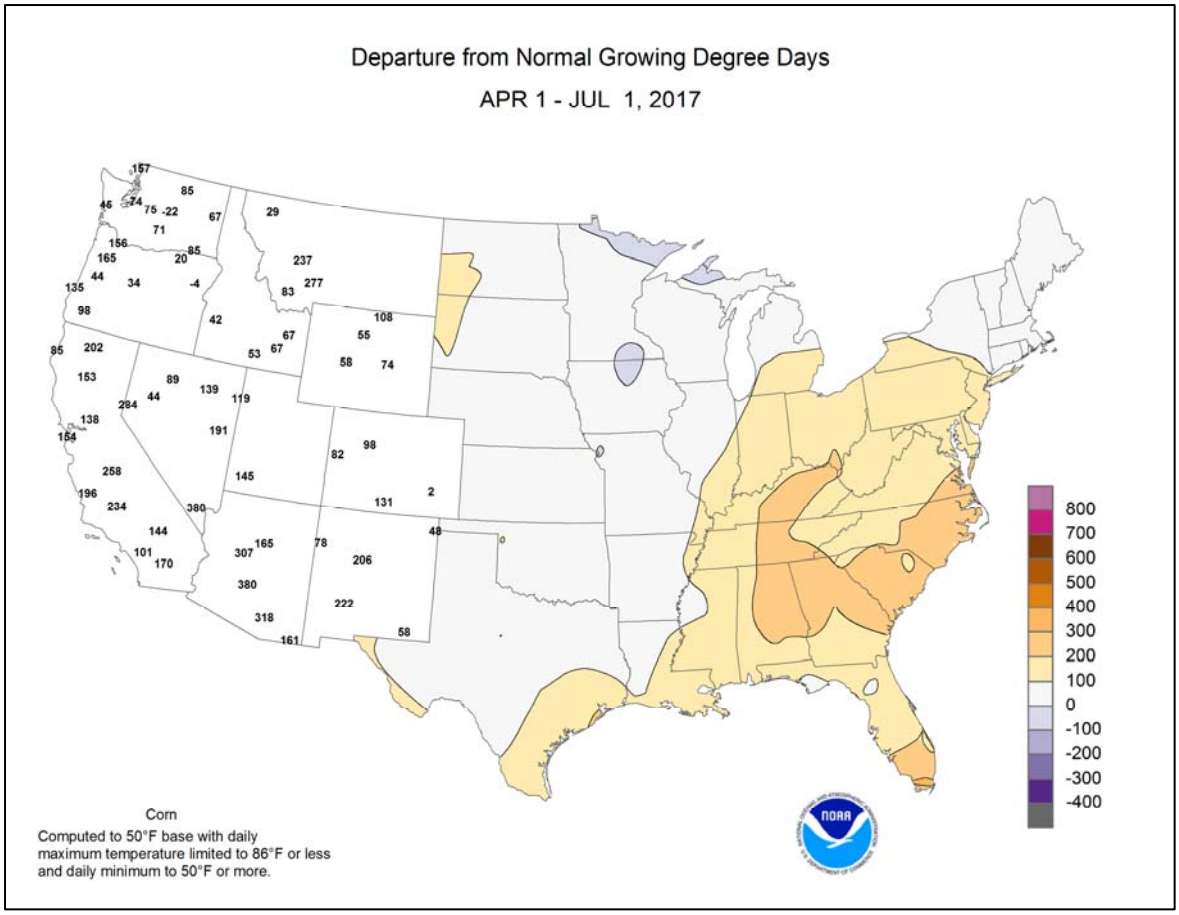
With several cold fronts crossing the **northern U.S.**, occasional gusty winds and locally severe thunderstorms were observed. On June 27 in **Wyoming**, wind gusts were clocked to 70 mph in **Worland** and 65 mph in **Lander** and **Casper**. By June 28, heavy rain erupted on the eastern edge of the **northern Plains'** drought area. **Grand Forks, ND**, received a daily-record total of 3.21 inches on June 28, compared to 2.47 inches (43 percent of normal) during the preceding 58 days from May 1 – June 27. Farther east, **Rockford, IL**, experienced its third-wettest June day, with 4.11 inches falling on the 28th. **Rockford's** wetter June days occurred on June 14, 1926, when 4.67 inches fell, and June 19, 2009, when rainfall totaled 4.20 inches. Extremely heavy rain also fell in **northern Missouri**, where **Chillicothe** netted 6.03 inches from June 28-30. Heavy, late-month showers also returned to the **Gulf Coast region**, where June rainfall in **Gulfport, MS**, climbed to 22.00 inches. More than two-thirds (72 percent) of **Gulfport's** rain fell on just 4 days: 8.37 and 7.49 inches, respectively, on June 20-21 and 28-29. Elsewhere in the **Gulf Coast region**, record-setting rainfall totals for June 29 included 4.53 inches in **Beaumont-Port Arthur, TX**; 2.18 inches in **Mobile, AL**; and 2.02 inches in **Baton Rouge, LA**. **Savannah, GA**, received a record-setting total for June 30, when 3.72 inches fell. In **Florida**, **Gainesville's** monthly rainfall rose to 16.86 inches (237 percent of normal)—the wettest June and second-wettest month on record. **Gainesville's** wettest June had been 16.34 inches in 2012; the wettest month remains September 1894, with 19.91 inches. Locally heavy showers also peppered the **Midwest** and **Northeast**, where daily-record amounts included 3.30 inches (on July 1) in **Glens Falls, NY**; 3.01 inches (on June 30) in **Fort Wayne, IN**; and 1.79 inches (on June 29) in **Burlington, VT**. Farther west, however, **Glasgow, MT**, completed its driest first half of a year on record, with just 2.75 inches (45 percent of normal). Previously, **Glasgow's** lowest January-June total of 3.27 inches was established in 1983.

Mild but occasionally showery weather prevailed across **Alaska**, with some heavy precipitation reported across the state's southern tier. Weekly temperatures averaged as much as 10°F above normal in **northwestern Alaska**, but were close to normal farther south and east. **Kodiak** reported some of the heaviest rain, with 4.38 inches occurring on June 28-29. As a result, **Kodiak's** June rainfall climbed to 7.98 inches (135 percent of normal). Farther south, much of **Hawaii** experienced warm, seasonably dry weather. Daily-record highs were tied in locations such as **Kahului, Maui** (92°F on June 25), and **Hilo**, on the **Big Island** (87°F on June 26). **Lihue, Kauai**, posted daily record-tying highs of 87°F on June 27 and July 1. However, several windward locations, including **Hilo**, reported below-normal June rainfall. **Hilo's** monthly total of 2.96 inches was just 40 percent of normal.


Total Growing Degree Days
MAR 1 - JUL 1, 2017
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
MAR 1 - JUL 1, 2017
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Total Growing Degree Days
APR 1 - JUL 1, 2017
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
APR 1 - JUL 1, 2017
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

National Weather Data for Selected Cities

Weather Data for the Week Ending July 1, 2017

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		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	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL	BIRMINGHAM	86	67	91	59	76	-2	3.63	2.68	1.59	12.01	306	39.67	136	91	50	1	0	3	3
	HUNTSVILLE	86	66	92	58	76	-2	0.72	-0.23	0.38	6.71	154	29.44	94	95	77	1	0	2	0
	MOBILE	87	72	91	68	80	0	2.65	1.45	2.29	12.52	241	44.51	129	90	67	1	0	3	1
	MONTGOMERY	90	71	93	65	80	-1	0.59	-0.51	0.53	12.12	282	46.04	155	84	48	4	0	3	1
AK	ANCHORAGE	63	52	67	50	57	0	0.21	-0.05	0.12	0.89	81	5.70	130	82	67	0	0	4	0
	BARROW	50	35	66	31	43	5	0.03	-0.07	0.03	0.26	76	3.56	396	96	75	0	2	1	0
	FAIRBANKS	76	54	80	49	65	3	0.00	-0.36	0.00	1.74	120	4.78	138	72	46	0	0	0	0
	JUNEAU	59	50	65	49	54	-2	1.51	0.72	0.60	4.52	130	26.69	120	99	93	0	0	6	1
	KODIAK	56	49	66	47	52	1	5.15	4.01	2.58	8.26	149	28.98	80	95	91	0	0	6	2
	NOME	57	48	58	45	52	2	0.41	0.10	0.15	1.19	100	3.74	77	97	85	0	0	4	0
AZ	FLAGSTAFF	86	46	88	39	66	3	0.05	-0.13	0.05	0.17	37	9.81	99	52	8	0	0	1	0
	PHOENIX	111	86	116	80	98	7	0.00	-0.05	0.00	0.00	0	2.41	76	21	12	7	0	0	0
	PRESCOTT	95	62	99	57	79	8	0.00	-0.20	0.00	0.00	0	4.90	68	34	7	7	0	0	0
	TUCSON	107	79	111	70	93	7	0.00	-0.14	0.00	0.00	0	1.60	46	27	16	7	0	0	0
AR	FORT SMITH	89	68	91	64	79	-1	2.80	1.93	2.75	8.70	198	30.77	137	88	51	2	0	2	1
	LITTLE ROCK	87	67	91	63	77	-4	0.16	-0.70	0.13	3.27	80	29.09	110	98	51	1	0	2	0
CA	BAKERSFIELD	100	71	110	67	85	5	0.00	0.00	0.00	0.00	0	4.79	104	50	33	7	0	0	0
	FRESNO	98	66	105	63	82	3	0.00	-0.01	0.00	0.00	0	12.64	161	63	37	7	0	0	0
	LOS ANGELES	75	62	82	61	69	1	0.00	0.00	0.00	0.00	0	12.07	128	89	69	0	0	0	0
	REDDING	99	68	103	62	84	6	0.00	-0.04	0.00	0.59	86	28.30	129	62	33	7	0	0	0
	SACRAMENTO	88	57	92	56	72	-1	0.00	0.00	0.00	0.10	50	23.63	198	91	37	2	0	0	0
	SAN DIEGO	75	64	83	62	69	0	0.00	0.00	0.00	0.02	22	7.76	102	86	72	0	0	0	0
	SAN FRANCISCO	67	56	73	54	62	0	0.00	0.00	0.00	0.05	45	21.97	164	83	67	0	0	0	0
	STOCKTON	93	58	97	55	75	0	0.00	0.00	0.00	0.03	33	15.62	174	79	46	5	0	0	0
CO	ALAMOSA	83	42	87	35	63	1	0.00	-0.13	0.00	0.19	31	4.44	160	82	30	0	0	0	0
	CO SPRINGS	84	54	94	49	69	2	1.03	0.53	0.67	1.18	49	7.30	90	76	22	1	0	5	1
	DENVER INTL	86	53	97	49	70	1	0.21	-0.12	0.16	0.33	19	6.65	97	74	25	2	0	2	0
	GRAND JUNCTION	95	61	99	57	78	4	0.00	-0.06	0.00	0.03	7	2.86	66	27	12	6	0	0	0
	PUEBLO	91	58	99	53	75	2	0.00	-0.30	0.00	1.57	115	10.63	187	68	35	5	0	0	0
CT	BRIDGEPORT	82	65	86	59	73	2	0.15	-0.65	0.09	2.20	60	22.04	98	78	51	0	0	3	0
	HARTFORD	82	58	88	50	70	-1	0.77	-0.06	0.45	3.66	92	21.93	96	88	50	0	0	3	0
DC	WASHINGTON	88	68	94	61	78	1	0.72	0.02	0.65	1.81	56	16.60	86	68	38	3	0	2	1
DE	WILMINGTON	84	64	90	56	74	0	0.11	-0.74	0.11	4.00	108	21.17	99	83	42	1	0	1	0
FL	DAYTONA BEACH	90	75	92	73	83	2	4.13	2.78	2.51	8.92	152	17.15	80	97	64	4	0	2	2
	JACKSONVILLE	90	73	95	72	82	1	3.32	1.95	1.76	11.90	214	27.75	121	99	62	4	0	4	3
	KEY WEST	89	82	91	80	86	2	0.05	-0.88	0.05	5.72	122	14.77	93	79	66	2	0	1	0
	MIAMI	91	80	92	76	86	3	2.67	0.85	1.63	15.67	178	29.16	121	78	57	7	0	4	2
	ORLANDO	90	72	92	68	81	-1	0.57	-1.28	0.28	5.71	75	12.14	55	100	62	2	0	3	0
	PENSACOLA	87	77	90	74	82	0	1.85	0.19	1.46	11.13	168	39.62	126	81	61	2	0	4	1
	TALLAHASSEE	89	73	95	72	81	-1	1.01	-0.69	0.53	8.22	115	28.02	87	98	84	2	0	6	1
	TAMPA	92	77	95	75	84	2	0.97	-0.45	0.72	7.91	139	13.87	77	86	60	5	0	2	1
	WEST PALM BEACH	90	80	91	78	85	3	0.03	-1.71	0.03	9.45	121	20.86	78	75	58	7	0	1	0
GA	ATHENS	86	65	90	61	75	-3	2.69	1.76	1.18	9.07	223	34.18	135	94	65	1	0	3	2
	ATLANTA	84	68	87	63	76	-3	1.58	0.63	0.94	7.71	204	30.80	117	83	60	0	0	3	2
	AUGUSTA	92	69	94	65	81	2	0.42	-0.54	0.29	3.52	81	23.45	100	89	51	7	0	2	0
	COLUMBUS	87	70	92	67	79	-2	1.34	0.41	0.56	4.01	110	29.58	113	89	49	1	0	3	1
	MACON	88	68	92	64	78	-2	3.23	2.34	2.52	7.82	213	31.56	130	94	50	2	0	3	1
	SAVANNAH	90	73	94	71	81	1	4.35	3.03	3.72	6.56	115	30.31	131	91	63	3	0	4	1
HI	HILO	85	71	87	68	78	3	0.73	-1.29	0.61	3.62	47	38.28	63	81	65	0	0	5	1
	HONOLULU	87	75	88	72	81	1	0.06	-0.02	0.05	0.55	125	14.03	151	70	61	0	0	2	0
	KAHULUI	89	71	92	65	80	2	0.05	0.00	0.03	0.13	54	14.76	133	77	63	1	0	2	0
	LIHUE	86	76	87	73	81	3	0.18	-0.21	0.16	0.94	50	15.50	81	74	67	0	0	3	0
ID	BOISE	91	60	97	54	76	6	0.12	0.00	0.12	1.32	174	11.11	153	52	26	4	0	1	0
	LEWISTON	91	60	99	55	75	6	0.00	-0.20	0.00	0.62	52	10.37	143	65	35	4	0	0	0
	POCATELLO	86	48	96	42	67	2	0.10	-0.05	0.10	1.24	133	11.15	156	74	35	2	0	1	0
IL	CHICAGO/O'HARE	79	59	84	50	69	-2	1.32	0.51	1.30	3.44	92	21.56	128	79	48	0	0	2	1
	MOLINE	78	57	83	46	68	-6	1.71	0.69	1.62	4.16	87	18.91	100	83	55	0	0	2	1
	PEORIA	80	59	86	49	69	-4	0.18	-0.73	0.14	1.78	45	20.27	115	92	47	0	0	3	0
	ROCKFORD	78	57	82	48	67	-4	4.49	3.39	4.11	7.49	151	26.35	149	87	51	0	0	2	1
	SPRINGFIELD	83	61	87	50	72	-3	0.41	-0.41	0.39	1.57	40	18.49	103	89	43	0	0	2	0
IN	EVANSVILLE	85	60	89	53	73	-4	0.05	-0.85	0.05	3.60	85	23.92	100	84	48	0	0	1	0
	FORT WAYNE	79	59	87	51	69	-3	3.23	2.32	2.27	7.31	175	31.76	173	87	47	0	0	3	2
	INDIANAPOLIS	80	59	87	51	70	-4	2.15	1.20	2.15	6.55	153	30.82	150	86	47	0	0	1	1
	SOUTH BEND	77	56	85	47	67	-4	1.11	0.13	0.87	2.42	56	21.65	116	89	50	0	0	4	1
IA	BURLINGTON	80	58	85	47	69	-6	0.24	-0.81	0.17	1.12	24	15.27	83	92	47	0	0	3	0
	CEDAR RAPIDS	77	54	82	45	65	-8	0.80	-0.22	0.80	2.97	64	15.35	96	98	51	0	0	1	1
	DES MOINES	81	60	86	51	70	-4	0.89	-0.13	0.69	2.36	50	17.33	102	82	49	0	0	2	1
	DUBUQUE	74	54	80	46	64	-7	1.37	0.49	1.26	3.07	73	16.78	98	87	61	0	0	3	1
	SIOUX CITY	82	54	90	46	68	-5	1.13	0.34	0.59	1.72	46	12.20	91	92	49	1	0	3	1
	WATERLOO	77	55	82	45	66	-6	0.63	-0.45	0.46	5.75	116	18.77	115	87	52	0	0	2	0
KS	CONCORDIA	84	60	95	55	72	-4	2.66	1.77	2.41	3.34	82	21.72	150	92	57	1	0	3	1
	DODGE CITY	88	61	96	54	75	-2	0.40	-0.32	0.35	3.12	96	21.85	188	89	37	3	0	3	0
	GOODLAND	82	56	95	52	69	-4	1.57	0.85	0.72	4.44	130	16.83	161	90	65	2	0	5	2
	TOPEKA	83	61	92	53	72	-4	2.16	1.14	1.75	6.63	132	21.78	123	96	59	1	0	3	1

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending July 1, 2017

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		PRECIP	
		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	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	89	66	94	58	77	-1	1.44	0.56	1.36	4.58	105	23.42	149	86	56	3	0	3	1
KY	JACKSON	81	61	85	53	71	-3	0.13	-0.90	0.13	6.34	132	29.76	117	86	48	0	0	1	0
	LEXINGTON	82	60	87	53	71	-3	0.14	-0.91	0.09	5.82	123	25.27	104	81	47	0	0	3	0
	LOUISVILLE	85	64	91	59	75	-2	0.59	-0.26	0.46	3.26	84	22.40	95	79	42	1	0	3	0
	PADUCAH	86	64	90	55	75	-2	0.04	-1.07	0.03	6.30	135	28.64	110	83	50	1	0	2	0
LA	BATON ROUGE	87	72	93	69	80	-1	2.07	0.77	2.02	9.56	173	41.21	126	96	59	2	0	2	1
	LAKE CHARLES	87	75	90	72	81	-1	1.33	0.00	0.83	7.74	124	33.88	120	97	73	1	0	4	1
	NEW ORLEANS	88	75	91	73	82	0	0.80	-0.90	0.44	15.52	220	41.42	124	92	71	2	0	2	0
	SHREVEPORT	90	71	94	66	80	-2	0.17	-0.94	0.16	3.06	59	20.50	74	94	56	4	0	2	0
ME	CARIBOU	71	52	78	45	62	-1	1.99	1.22	0.92	4.80	140	21.36	126	92	57	0	0	6	1
	PORTLAND	77	57	82	50	67	1	0.80	0.06	0.33	2.63	78	26.67	117	91	54	0	0	4	0
MD	BALTIMORE	86	62	93	51	74	0	0.35	-0.43	0.35	1.75	49	18.88	91	76	39	3	0	1	0
MA	BOSTON	82	63	88	58	72	1	0.26	-0.46	0.11	4.97	150	25.79	121	82	46	0	0	3	0
	WORCESTER	76	57	82	50	66	-1	1.42	0.51	0.96	4.34	105	25.34	106	90	49	0	0	3	1
MI	ALPENA	73	54	83	48	64	0	2.17	1.58	0.92	6.43	245	22.30	174	97	57	0	0	5	2
	GRAND RAPIDS	75	57	81	49	66	-3	0.86	-0.02	0.51	4.95	130	21.56	128	96	53	0	0	2	1
	HOUGHTON LAKE	71	54	78	48	62	-2	0.38	-0.26	0.14	4.86	161	20.78	162	89	62	0	0	5	0
	LANSING	79	58	86	50	69	1	0.11	-0.70	0.05	3.76	101	21.22	142	75	43	0	0	3	0
	MUSKEGON	73	58	78	46	65	-2	1.65	1.13	1.46	3.65	138	18.13	124	88	63	0	0	3	1
	TRAVERSE CITY	73	56	80	46	64	-3	0.93	0.11	0.35	4.23	123	18.23	120	90	51	0	0	4	0
MN	DULUTH	67	50	73	42	58	-4	2.28	1.25	1.80	5.26	120	16.48	126	94	71	0	0	5	1
	INT'L FALLS	68	46	75	40	57	-7	1.07	0.14	0.36	4.06	99	10.68	102	94	57	0	0	6	0
	MINNEAPOLIS	77	58	83	50	67	-4	1.03	0.04	0.91	4.25	95	15.79	115	77	52	0	0	3	1
	ROCHESTER	74	53	78	47	64	-4	0.88	-0.10	0.59	3.74	90	19.50	137	92	63	0	0	3	1
	ST. CLOUD	75	52	77	42	63	-4	2.17	1.19	1.21	3.57	77	13.87	110	98	48	0	0	4	1
MS	JACKSON	88	68	93	62	78	-2	1.06	0.12	0.72	9.15	231	40.64	132	91	52	4	0	4	1
	MERIDIAN	87	68	93	62	78	-2	2.13	1.07	1.00	12.09	291	40.74	124	96	62	2	0	4	3
	TUPELO	87	67	92	59	77	-2	0.07	-0.92	0.06	8.44	170	30.20	95	89	50	2	0	2	0
MO	COLUMBIA	82	60	88	50	71	-4	0.92	0.05	0.39	3.76	91	23.96	118	92	52	0	0	3	0
	KANSAS CITY	81	59	88	48	70	-6	3.51	2.51	2.20	6.44	140	22.71	124	93	58	0	0	3	2
	SAINT LOUIS	87	66	93	58	77	-1	0.28	-0.61	0.26	2.31	59	25.19	128	74	47	3	0	2	0
	SPRINGFIELD	83	64	87	59	73	-3	1.63	0.50	0.93	5.05	97	33.75	152	89	62	0	0	3	2
MT	BILLINGS	82	55	93	51	69	1	0.36	-0.01	0.26	2.31	119	11.24	130	68	25	1	0	3	0
	BUTTE	79	43	89	38	61	2	0.20	-0.21	0.12	2.36	111	7.69	110	83	22	0	0	2	0
	CUT BANK	81	49	88	41	65	5	0.01	-0.47	0.01	2.48	98	7.35	107	80	23	0	0	1	0
	GLASGOW	83	49	90	42	66	-1	0.01	-0.47	0.01	0.29	13	2.89	50	63	29	1	0	1	0
	GREAT FALLS	83	49	95	44	66	3	0.01	-0.40	0.01	2.10	91	9.52	113	76	20	2	0	1	0
	HAVRE	85	48	98	39	67	2	0.14	-0.25	0.14	0.68	35	3.21	52	76	35	2	0	1	0
	MISSOULA	86	51	94	46	69	6	0.03	-0.29	0.03	1.67	94	9.73	128	78	39	3	0	1	0
NE	GRAND ISLAND	83	57	89	48	70	-4	0.46	-0.31	0.25	2.10	55	12.35	90	90	53	0	0	3	0
	LINCOLN	83	58	91	49	71	-5	2.59	1.85	1.99	7.35	203	20.46	143	85	54	1	0	3	1
	NORFOLK	82	54	89	44	68	-5	0.93	-0.03	0.60	2.48	57	14.09	99	84	46	0	0	3	1
	NORTH PLATTE	86	52	93	44	69	-2	0.42	-0.30	0.23	0.44	13	10.77	100	90	33	4	0	6	0
	OMAHA	83	59	93	52	71	-4	1.20	0.32	0.75	3.10	76	14.61	96	79	52	1	0	4	1
	SCOTTSBLUFF	85	53	96	50	69	-1	0.52	-0.06	0.48	0.59	22	9.37	99	75	32	2	0	2	0
	VALENTINE	85	52	92	42	69	-1	0.33	-0.38	0.24	0.57	18	11.01	108	75	41	3	0	4	0
NV	ELY	89	43	94	40	66	3	0.00	-0.08	0.00	0.02	3	6.20	115	38	14	3	0	0	0
	LAS VEGAS	109	84	113	80	96	7	0.00	-0.01	0.00	0.00	0	1.59	68	11	11	7	0	0	0
	RENO	94	62	100	55	78	10	0.00	-0.07	0.00	0.12	25	11.28	255	42	18	7	0	0	0
	WINNEMUCCA	93	50	99	42	72	4	0.00	-0.09	0.00	1.23	176	6.47	132	42	15	5	0	0	0
NH	CONCORD	79	54	90	45	67	0	1.59	0.87	0.89	5.24	164	24.58	137	91	49	1	0	4	2
NJ	NEWARK	84	66	91	58	75	0	0.62	-0.21	0.47	5.77	163	28.29	123	71	45	1	0	2	0
NM	ALBUQUERQUE	93	65	96	61	79	2	0.48	0.33	0.48	0.48	72	3.09	93	50	15	7	0	1	0
NY	ALBANY	79	59	87	52	69	0	1.72	0.89	0.66	5.79	149	24.71	133	90	53	0	0	5	2
	BINGHAMTON	73	56	81	48	64	-2	1.82	0.93	1.09	5.69	145	30.13	159	89	62	0	0	4	1
	BUFFALO	73	59	81	51	66	-2	0.77	-0.06	0.52	2.24	57	24.51	130	80	57	0	0	5	1
	ROCHESTER	76	58	81	52	67	-1	1.00	0.24	0.37	3.93	113	23.90	149	87	66	0	0	6	0
	SYRACUSE	74	57	79	50	66	-2	2.53	1.60	1.28	5.98	156	27.82	152	95	65	0	0	6	2
NC	ASHEVILLE	79	57	87	49	68	-3	0.47	-0.46	0.36	2.73	61	25.76	103	88	57	0	0	3	0
	CHARLOTTE	85	63	89	56	74	-4	1.12	0.35	0.79	5.09	144	26.01	118	86	47	0	0	2	1
	GREENSBORO	83	64	88	58	74	-2	0.17	-0.70	0.16	9.98	273	31.01	144	89	56	0	0	2	0
	HATTERAS	***	***	***	***	***	***	***	***	***	2.85	72	29.03	112	***	***	***	***	***	***
	RALEIGH	86	63	90	57	75	-2	0.05	-0.77	0.05	6.16	174	28.02	129	86	51	1	0	1	0
	WILMINGTON	87	68	90	62	77	-2	6.70	5.28	6.62	10.12	182	30.61	121	95	52	1	0	2	1
ND	BISMARCK	80	52	90	40	66	-1	0.55	-0.06	0.47	1.75	65	6.28	77	79	51	1	0	2	0
	DICKINSON	81	48	90	38	65	-1	0.05	-0.70	0.05	0.63	18	4.33	48	86	22	1	0	1	0
	FARGO	75	52	79	40	63	-5	0.56	-0.22	0.56	2.50	69	7.32	72	86	52	0	0	1	1
	GRAND FORKS	74	50	81	41	62	-5	3.30	2.58	3.21	4.67	149	9.22	106	95	48	0	0	2	1
	JAMESTOWN	75	50	83	41	62	-6	0.00	-0.74	0.00	2.09	66	6.20	71	89	40	0	0	0	0
	WILLISTON	84	50	91	43	67	1	0.14	-0.41	0.14	1.30	53	4.77	68	71	33	1	0	1	0
OH	AKRON-CANTON	79	58	86	51	69	-1	1.91	1.07	1.09	4.87	133	30.98	164	76	47	0	0	4	2
	CINCINNATI	80	58	86	51	69	-5	0.04	-0.90	0.04	5.25	115	28.65	126	86	57	0	0	1	0
	CLEVELAND	80	62	88	53	71	1	3.17	2.26	2.61	6.00	149	29.45	158	82	43	0	0	4	1
	COLUMBUS	80	59	88	51	70	-3	1.48	0.48	1.39	4.73	112	25.41	134	83	54	0	0	2	1
	DAYTON	79	59	86	51	69	-4	1.16	0.22	1.16	7.43	171	29.68	143	86	47	0	0	1	1
	MANSFIELD	77	57	85	50	67	-2	2.20	1.19	1.48	7.68	165	28.83	135	91	47	0	0	3	2

Based on 1971-2000 normals ***** Not Available**

Weather Data for the Week Ending July 1, 2017

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		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	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	79	57	88	47	68	-3	2.31	1.47	1.57	3.86	99	21.72	130	93	48	0	0	4	2
	YOUNGSTOWN	77	57	85	50	67	-1	2.95	1.97	2.21	6.91	171	28.21	155	86	53	0	0	5	2
OK	OKLAHOMA CITY	90	68	93	62	79	0	0.02	-0.87	0.02	0.13	3	14.71	78	88	39	4	0	1	0
	TULSA	89	69	92	65	79	-2	1.18	0.28	1.15	2.34	48	26.26	119	86	54	3	0	2	1
OR	ASTORIA	66	55	77	54	61	3	0.00	-0.50	0.00	2.48	94	49.61	139	85	72	0	0	0	0
	BURNS	86	43	93	35	65	4	0.00	-0.09	0.00	0.10	15	8.33	137	65	22	2	0	0	0
	EUGENE	79	51	91	43	65	2	0.01	-0.24	0.01	1.39	89	25.46	92	96	69	1	0	1	0
	MEDFORD	92	59	100	52	75	6	0.13	0.03	0.13	0.50	72	13.07	136	74	24	4	0	1	0
	PENDLETON	90	56	100	52	73	5	1.10	0.98	1.10	2.15	269	11.30	160	67	33	4	0	1	1
	PORTLAND	82	58	101	55	70	5	0.00	-0.28	0.00	1.09	67	29.27	149	78	61	1	0	0	0
	SALEM	82	55	98	51	69	6	0.00	-0.26	0.00	0.71	48	33.28	155	79	57	1	0	0	0
PA	ALLENTOWN	84	59	92	51	72	1	2.16	1.26	1.60	6.90	167	24.48	112	77	51	1	0	2	2
	ERIE	75	61	84	51	68	-2	1.35	0.39	0.93	8.67	197	29.66	156	82	64	0	0	5	1
	MIDDLETOWN	84	64	91	54	74	1	0.44	-0.41	0.36	3.46	87	19.90	97	88	41	2	0	3	0
	PHILADELPHIA	86	67	93	61	76	1	0.88	0.06	0.63	2.49	73	20.44	98	72	42	1	0	2	1
	PITTSBURGH	78	58	85	49	68	-3	0.75	-0.21	0.52	3.95	93	23.96	124	90	48	0	0	3	1
	WILKES-BARRE	81	59	89	50	70	0	1.17	0.21	0.55	4.48	109	23.11	126	87	48	0	0	4	1
	WILLIAMSPORT	82	59	87	50	71	1	0.46	-0.61	0.36	4.05	88	23.37	114	85	46	0	0	3	0
RI	PROVIDENCE	81	62	85	55	71	1	0.18	-0.56	0.17	4.25	122	29.27	124	88	59	0	0	2	0
SC	BEAUFORT	88	73	92	71	80	0	1.39	0.03	1.39	3.73	63	20.53	90	98	62	1	0	1	1
	CHARLESTON	87	71	90	68	79	-1	2.55	1.12	1.69	6.56	107	21.72	92	93	57	1	0	3	2
	COLUMBIA	89	69	93	64	79	-1	0.85	-0.38	0.85	5.13	99	29.41	120	80	50	3	0	1	1
	GREENVILLE	84	64	90	58	74	-3	1.21	0.32	0.77	4.12	102	29.49	113	86	51	1	0	3	1
SD	ABERDEEN	78	46	89	39	62	-7	0.13	-0.65	0.11	3.94	109	7.82	75	85	48	0	0	2	0
	HURON	80	49	90	43	65	-5	0.09	-0.65	0.05	3.06	91	8.74	77	89	35	1	0	3	0
	RAPID CITY	83	49	95	40	66	-2	0.39	-0.18	0.20	1.77	61	6.70	70	73	28	1	0	3	0
	SIOUX FALLS	79	52	86	46	65	-5	1.39	0.64	0.87	3.33	93	12.16	98	87	54	0	0	5	1
TN	BRISTOL	83	57	89	49	70	-3	0.06	-0.85	0.04	2.10	52	25.70	115	97	43	0	0	2	0
	CHATTANOOGA	85	64	91	56	74	-4	2.18	1.19	0.92	5.27	127	34.12	117	88	53	1	0	3	2
	KNOXVILLE	83	61	87	54	72	-4	0.50	-0.48	0.37	4.56	109	29.29	110	88	50	0	0	2	0
	MEMPHIS	88	70	90	64	79	-2	0.09	-0.94	0.09	4.62	104	23.46	79	85	49	1	0	1	0
	NASHVILLE	87	66	92	59	77	0	0.34	-0.53	0.28	4.33	103	24.59	96	87	42	2	0	2	0
TX	ABILENE	91	69	100	63	80	-2	0.99	0.42	0.99	2.66	85	10.53	95	93	54	5	0	1	1
	AMARILLO	90	64	101	58	77	0	0.78	0.09	0.67	1.59	47	9.74	102	83	34	3	0	3	1
	AUSTIN	94	75	98	70	84	2	0.46	-0.17	0.43	2.46	63	17.24	99	91	59	7	0	3	0
	BEAUMONT	86	75	90	72	81	-1	0.00	-1.46	0.00	5.12	76	22.68	78	88	75	1	0	0	0
	BROWNSVILLE	91	76	93	72	83	0	3.49	2.86	1.55	3.49	116	9.35	86	95	66	4	0	3	3
	CORPUS CHRISTI	93	77	95	75	85	2	0.46	-0.21	0.40	1.36	38	14.63	102	93	67	7	0	4	0
	DEL RIO	97	75	102	70	86	2	0.14	-0.38	0.12	1.91	79	13.00	146	89	56	7	0	2	0
	EL PASO	99	74	103	65	87	3	0.89	0.64	0.89	1.16	127	2.54	97	52	20	7	0	1	1
	FORT WORTH	90	73	96	70	82	-1	1.73	1.21	1.22	9.06	275	20.91	110	85	56	4	0	2	2
	GALVESTON	86	78	88	74	82	-1	4.40	3.49	1.87	9.55	229	20.43	103	95	77	0	0	5	3
	HOUSTON	90	75	94	70	82	-1	1.94	0.88	1.29	7.21	131	25.44	105	91	65	5	0	3	1
	LUBBOCK	93	67	107	60	80	1	1.85	1.21	0.86	2.63	86	8.12	94	80	44	4	0	4	2
	MIDLAND	96	71	107	63	83	2	1.47	1.08	1.47	3.07	173	8.80	151	76	42	6	0	1	1
	SAN ANGELO	95	69	102	64	82	1	0.56	0.15	0.55	0.77	30	7.25	71	84	47	6	0	2	1
	SAN ANTONIO	94	74	99	71	84	1	0.13	-0.64	0.07	0.43	10	13.48	79	88	49	6	0	3	0
	VICTORIA	92	75	94	72	83	0	2.42	1.43	1.63	3.51	69	23.09	116	92	67	5	0	4	1
	WACO	92	73	96	69	82	-1	0.78	0.20	0.76	2.28	72	21.59	124	92	65	6	0	2	1
	WICHITA FALLS	90	68	96	64	79	-3	0.08	-0.58	0.08	2.51	67	12.82	84	87	55	4	0	1	0
UT	SALT LAKE CITY	92	66	100	60	79	7	0.00	-0.11	0.00	0.25	32	11.25	118	45	13	5	0	0	0
VT	BURLINGTON	75	58	81	54	67	-1	2.69	1.86	2.06	7.39	208	24.07	151	94	56	0	0	7	1
VA	LYNCHBURG	83	57	91	49	70	-3	0.00	-0.92	0.00	2.11	54	21.20	97	91	48	1	0	0	0
	NORFOLK	86	70	93	64	78	1	0.00	-0.94	0.00	3.28	84	25.09	112	83	44	2	0	0	0
	RICHMOND	86	64	92	57	75	-1	0.00	-0.85	0.00	2.33	63	20.87	97	81	45	2	0	0	0
	ROANOKE	84	60	93	50	72	-2	0.00	-0.84	0.00	4.47	118	25.49	117	79	44	1	0	0	0
	WASH/DULLES	85	60	92	50	73	0	0.21	-0.66	0.21	1.36	32	20.45	97	68	39	2	0	1	0
WA	OLYMPIA	79	51	98	45	65	5	0.00	-0.35	0.00	1.37	75	34.32	129	92	67	1	0	0	0
	QUILLAYUTE	67	52	86	50	60	4	0.00	-0.65	0.00	4.30	120	66.90	125	90	72	0	0	0	0
	SEATTLE-TACOMA	78	56	96	53	67	5	0.00	-0.29	0.00	1.58	103	28.44	150	80	64	1	0	0	0
	SPOKANE	85	58	93	51	72	8	0.21	0.00	0.14	0.69	57	13.94	156	80	27	1	0	2	0
	YAKIMA	93	60	100	52	77	12	0.00	-0.11	0.00	0.20	32	7.61	175	60	28	5	0	0	0
WV	BECKLEY	77	56	83	47	67	-2	0.00	-0.96	0.00	7.37	182	27.83	128	80	46	0	0	0	0
	CHARLESTON	82	59	89	50	71	-1	0.10	-0.88	0.10	8.43	199	29.17	132	90	42	0	0	1	0
	ELKINS	78	52	86	43	65	-3	0.01	-1.05	0.01	3.71	78	24.41	103	87	45	0	0	1	0
	HUNTINGTON	82	60	87	51	71	-2	0.48	-0.40	0.45	5.35	133	25.36	116	87	45	0	0	2	0
WI	EAU CLAIRE	73	54	78	43	64	-5	0.51	-0.45	0.28	5.32	121	19.81	135	96	49	0	0	5	0
	GREEN BAY	74	56	81	49	65	-3	0.70	-0.10	0.33	3.78	107	16.87	128	99	62	0	0	4	0
	LA CROSSE	77	60	84	52	69	-3	1.08	0.10	0.97	5.38	130	23.06	153	87	44	0	0	3	1
	MADISON	74	57	80	47	65	-4	1.65	0.69	1.31	6.74	161	23.40	150	88	58	0	0	3	1
	MILWAUKEE	77	60	83	53	68	-1	2.06	1.21	1.67	5.39	146	23.18	140	80	54	0	0	4	1
WY	CASPER	83	43	90	36	63	-3	0.08	-0.20	0.07	0.77	52	8.57	114	79	23	1	0	2	0
	CHEYENNE	81	49	92	46	65	0	0.01	-0.46	0.01	0.69	32	9.32	114	74	42	1	0	1	0
	LANDER	81	48	90	42	64	-3	0.00	-0.19	0.00	0.26	22	12.85	162	66	22	1	0	0	0
	SHERIDAN	81	45	89	41	63	-1	0.10	-0.29	0.08	1.19	57	13.76	160	84	35	0	0	3	0

Based on 1971-2000 normals ***** Not Available**

Crop Progress and Condition

Week Ending July 2, 2017

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

Soybeans Percent Emerged

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
AR	97	94	97	92
IL	97	97	100	96
IN	98	90	97	97
IA	100	96	98	98
KS	91	86	95	90
KY	86	82	90	86
LA	99	99	100	98
MI	99	92	94	100
MN	100	100	100	98
MS	99	95	96	98
MO	95	89	94	85
NE	100	98	100	98
NC	87	79	86	84
ND	100	97	99	98
OH	99	96	100	98
SD	99	100	100	98
TN	90	80	87	82
WI	99	94	98	96
18 Sts	98	94	98	95

These 18 States planted 95% of last year's soybean acreage.

Soybeans Percent Blooming

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
AR	61	60	69	46
IL	16	7	15	15
IN	15	2	14	16
IA	18	2	12	15
KS	7	5	12	8
KY	5	2	13	10
LA	72	79	83	64
MI	8	2	13	10
MN	16	1	9	15
MS	55	61	73	52
MO	13	7	12	8
NE	10	7	28	19
NC	11	4	12	8
ND	34	1	8	16
OH	12	1	9	10
SD	23	6	15	18
TN	14	6	20	14
WI	21	0	10	7
18 Sts	20	9	18	17

These 18 States planted 95% of last year's soybean acreage.

Soybean Condition by Percent

	VP	P	F	G	EX
AR	2	5	23	56	14
IL	2	6	22	59	11
IN	3	10	36	44	7
IA	1	5	22	61	11
KS	1	3	29	61	6
KY	1	3	16	69	11
LA	1	4	18	63	14
MI	1	5	28	59	7
MN	0	5	23	59	13
MS	0	6	27	45	22
MO	2	5	31	54	8
NE	1	5	24	64	6
NC	0	2	14	77	7
ND	5	12	35	45	3
OH	3	7	32	44	14
SD	8	15	41	33	3
TN	1	3	13	57	26
WI	2	5	18	61	14
18 Sts	2	7	27	54	10
Prev Wk	2	6	26	56	10
Prev Yr	2	5	23	57	13

Corn Percent Silking

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
CO	4	0	0	3
IL	19	2	12	21
IN	10	2	8	11
IA	5	0	0	6
KS	32	8	19	26
KY	41	20	45	31
MI	1	0	0	1
MN	0	0	0	2
MO	52	6	25	34
NE	9	0	8	9
NC	80	60	78	78
ND	15	0	2	5
OH	2	1	3	4
PA	1	0	2	4
SD	2	0	0	2
TN	51	38	61	52
TX	52	56	63	62
WI	0	0	0	0
18 Sts	14	4	10	13

These 18 States planted 92% of last year's corn acreage.

Corn Condition by Percent

	VP	P	F	G	EX
CO	0	9	17	63	11
IL	2	6	27	52	13
IN	4	13	36	41	6
IA	1	3	18	62	16
KS	1	6	30	52	11
KY	1	3	11	69	16
MI	1	5	26	57	11
MN	0	3	17	64	16
MO	2	5	26	56	11
NE	1	4	20	63	12
NC	0	4	16	57	23
ND	5	11	29	52	3
OH	2	7	35	43	13
PA	0	3	20	56	21
SD	7	15	36	38	4
TN	0	2	9	52	37
TX	1	5	24	60	10
WI	2	6	21	53	18
18 Sts	2	6	24	55	13
Prev Wk	2	6	25	55	12
Prev Yr	1	4	20	59	16

Rice Percent Headed

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
AR	5	1	4	7
CA	24	0	0	9
LA	55	37	46	52
MS	24	17	35	15
MO	2	0	4	3
TX	47	29	56	35
6 Sts	19	9	14	16

These 6 States planted 100% of last year's rice acreage.

Rice Condition by Percent

	VP	P	F	G	EX
AR	1	5	28	50	16
CA	0	0	0	50	50
LA	0	5	15	65	15
MS	0	0	41	46	13
MO	0	4	27	44	25
TX	0	1	40	42	17
6 Sts	0	4	23	51	22
Prev Wk	1	4	22	50	23
Prev Yr	2	5	24	53	16

Crop Progress and Condition

Week Ending July 2, 2017

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

Cotton Percent Squaring

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
AL	67	42	55	67
AZ	74	64	75	76
AR	94	85	93	91
CA	79	30	45	76
GA	66	40	57	60
KS	18	5	9	19
LA	73	69	85	77
MS	64	34	53	64
MO	67	24	55	50
NC	39	39	53	52
OK	16	20	40	23
SC	38	32	45	40
TN	49	36	54	48
TX	26	29	35	31
VA	48	50	57	52
15 Sts	40	34	45	44

These 15 States planted 98% of last year's cotton acreage.

Cotton Percent Setting Bolls

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
AL	17	0	10	10
AZ	29	20	30	25
AR	23	10	27	17
CA	0	0	3	14
GA	16	2	8	14
KS	0	0	0	1
LA	17	15	31	22
MS	11	5	10	14
MO	2	0	3	2
NC	3	0	2	4
OK	3	0	0	3
SC	1	1	3	6
TN	5	2	9	4
TX	9	9	15	9
VA	0	0	2	1
15 Sts	10	7	13	10

These 15 States planted 98% of last year's cotton acreage.

Cotton Condition by Percent

	VP	P	F	G	EX
AL	0	9	42	47	2
AZ	0	2	11	72	15
AR	0	5	14	52	29
CA	0	0	0	25	75
GA	1	4	21	59	15
KS	1	3	15	71	10
LA	0	3	26	64	7
MS	0	10	25	49	16
MO	0	12	39	43	6
NC	1	5	19	66	9
OK	0	7	21	68	4
SC	0	0	5	60	35
TN	2	2	7	63	26
TX	3	13	43	33	8
VA	0	0	9	91	0
15 Sts	2	10	34	43	11
Prev Wk	1	9	33	46	11
Prev Yr	1	7	36	46	10

Sorghum Percent Headed

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
AR	36	10	27	38
CO	1	0	0	0
IL	0	0	0	5
KS	10	0	3	3
LA	84	61	74	77
MO	7	1	3	7
NE	0	3	4	0
NM	1	0	0	0
OK	14	1	10	8
SD	11	0	0	3
TX	60	59	68	58
11 Sts	29	20	25	24

These 11 States planted 99% of last year's sorghum acreage.

Sorghum Condition by Percent

	VP	P	F	G	EX
AR	0	1	40	54	5
CO	1	5	23	67	4
IL	0	1	31	67	1
KS	0	3	26	67	4
LA	0	2	16	80	2
MO	0	3	34	61	2
NE	0	2	30	59	9
NM	0	11	71	18	0
OK	0	4	34	61	1
SD	13	19	57	11	0
TX	0	2	46	44	8
11 Sts	0	3	35	57	5
Prev Wk	1	3	31	57	8
Prev Yr	0	3	28	60	9

Peanuts Percent Pegging

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
AL	39	27	41	46
FL	59	42	49	46
GA	54	38	57	36
NC	18	18	32	30
OK	27	11	25	28
SC	56	33	44	51
TX	22	8	15	15
VA	8	10	18	16
8 Sts	46	31	45	37

These 8 States planted 96% of last year's peanut acreage.

Barley Percent Headed

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
ID	68	52	74	66
MN	79	45	69	63
MT	54	5	28	54
ND	86	30	57	52
WA	88	44	70	78
5 Sts	70	27	51	57

These 5 States planted 83% of last year's barley acreage.

Barley Condition by Percent

	VP	P	F	G	EX
ID	0	1	10	65	24
MN	0	0	15	56	29
MT	3	19	47	21	10
ND	11	13	28	45	3
WA	1	9	38	50	2
5 Sts	5	12	31	41	11
Prev Wk	4	8	28	42	18
Prev Yr	0	2	23	60	15

Peanut Condition by Percent

	VP	P	F	G	EX
AL	0	12	23	64	1
FL	1	4	15	72	8
GA	0	4	20	57	19
NC	0	2	12	74	12
OK	0	0	8	89	3
SC	0	0	7	52	41
TX	0	0	44	56	0
VA	0	0	1	99	0
8 Sts	0	4	21	61	14
Prev Wk	0	3	22	62	13
Prev Yr	0	2	27	59	12

Crop Progress and Condition

Week Ending July 2, 2017

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

Oats Percent Headed

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
IA	94	84	94	93
MN	87	57	79	71
NE	97	97	98	93
ND	82	33	63	53
OH	91	86	90	90
PA	88	62	75	83
SD	89	87	92	85
TX	100	100	100	100
WI	84	48	69	76
9 Sts	91	73	85	84

These 9 States planted 66% of last year's oat acreage.

Oat Condition by Percent

	VP	P	F	G	EX
IA	0	2	24	57	17
MN	0	1	16	70	13
NE	0	9	34	50	7
ND	19	27	31	22	1
OH	1	4	23	60	12
PA	0	3	12	81	4
SD	19	23	30	26	2
TX	4	15	34	40	7
WI	0	4	18	59	19
9 Sts	7	13	27	45	8
Prev Wk	6	12	28	45	9
Prev Yr	3	6	24	56	11

Winter Wheat Percent Harvested

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
AR	99	98	99	95
CA	95	25	57	85
CO	6	1	13	25
ID	1	0	0	1
IL	88	78	90	72
IN	59	35	56	50
KS	76	48	73	72
MI	3	0	0	6
MO	92	76	91	75
MT	0	0	0	0
NE	18	1	17	22
NC	92	83	92	89
OH	49	10	39	28
OK	95	90	95	92
OR	3	0	1	1
SD	5	0	7	4
TX	93	87	93	85
WA	2	0	3	1
18 Sts	56	41	53	54

These 18 States harvested 91% of last year's winter wheat acreage.

Spring Wheat Percent Headed

	Prev Year	Prev Week	Jul 2 2017	5-Yr Avg
ID	76	28	61	67
MN	85	42	72	64
MT	38	14	35	36
ND	78	33	57	52
SD	89	85	92	79
WA	89	63	83	80
6 Sts	71	36	59	54

These 6 States planted 99% of last year's spring wheat acreage.

Spring Wheat Condition by Percent

	VP	P	F	G	EX
ID	3	2	18	51	26
MN	0	1	13	58	28
MT	19	32	41	5	3
ND	11	19	29	37	4
SD	32	33	24	10	1
WA	1	11	45	40	3
6 Sts	13	20	30	30	7
Prev Wk	10	18	32	33	7
Prev Yr	1	5	22	62	10

Winter Wheat Condition by Percent

	VP	P	F	G	EX
AR	3	7	20	62	8
CA	0	0	0	50	50
CO	6	15	37	30	12
ID	1	5	21	46	27
IL	5	8	23	46	18
IN	1	6	22	50	21
KS	8	14	31	40	7
MI	1	7	20	60	12
MO	0	7	25	55	13
MT	4	15	51	22	8
NE	3	12	35	43	7
NC	3	10	27	45	15
OH	1	4	17	62	16
OK	2	6	45	44	3
OR	3	7	12	60	18
SD	26	37	25	12	0
TX	1	14	49	33	3
WA	1	2	13	63	21
18 Sts	5	12	35	39	9
Prev Wk	4	12	35	40	9
Prev Yr	2	7	29	48	14

Crop Progress and Condition

Week Ending July 2, 2017

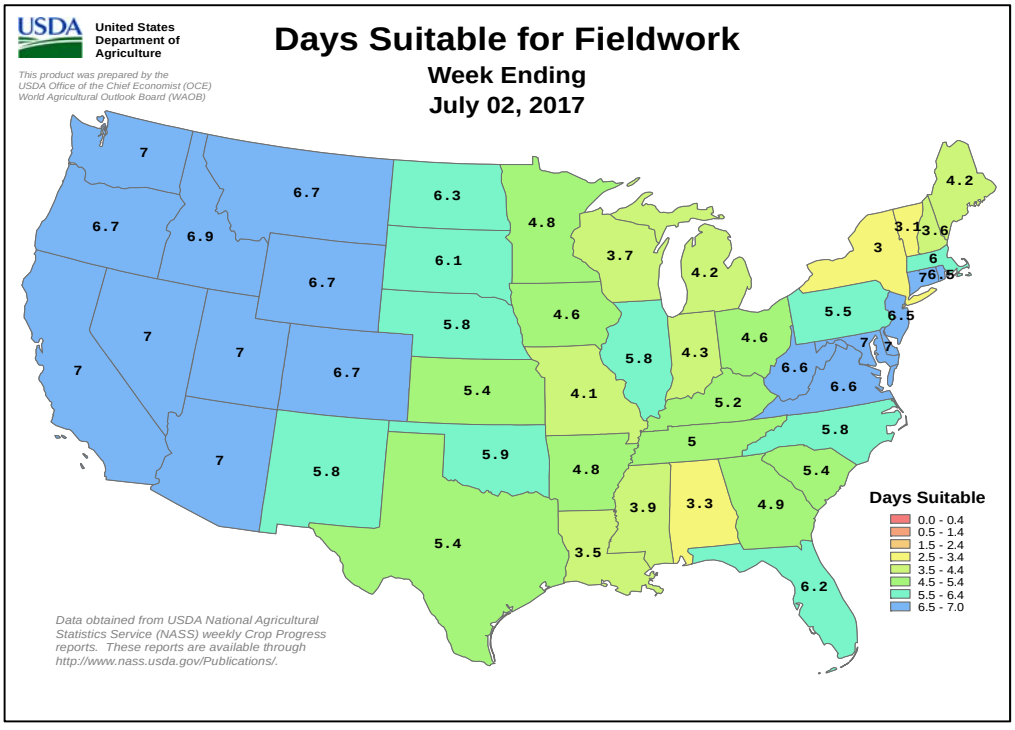
Weekly U.S. Progress and Condition Data provided by USDA/NASS

Pasture and Range Condition by Percent
Week Ending Jul 2, 2017

	VP	P	F	G	EX		VP	P	F	G	EX
AL	0	7	21	56	16	NH	0	4	49	35	12
AZ	12	22	24	29	13	NJ	0	2	15	80	3
AR	2	9	26	44	19	NM	7	22	46	21	4
CA	10	20	20	30	20	NY	1	2	16	60	21
CO	0	5	28	57	10	NC	1	3	16	70	10
CT	0	0	5	70	25	ND	32	31	24	12	1
DE	2	7	41	49	1	OH	0	4	26	61	9
FL	1	8	19	58	14	OK	1	6	37	50	6
GA	3	8	23	56	10	OR	2	3	31	52	12
ID	1	3	12	47	37	PA	0	8	29	58	5
IL	0	3	28	56	13	RI	0	0	0	60	40
IN	1	9	26	54	10	SC	0	0	13	77	10
IA	2	6	29	53	10	SD	31	26	26	15	2
KS	0	3	19	66	12	TN	0	6	23	57	14
KY	1	3	15	67	14	TX	2	8	34	48	8
LA	3	6	25	51	15	UT	0	5	30	59	6
ME	0	0	0	50	50	VT	7	7	38	48	0
MD	1	13	33	47	6	VA	3	9	29	51	8
MA	0	1	6	69	24	WA	3	5	15	61	16
MI	0	12	28	47	13	WV	1	11	21	53	14
MN	1	5	18	64	12	WI	1	3	18	52	26
MS	1	7	26	52	14	WY	1	11	20	62	6
MO	0	2	29	62	7	48 Sts	5	10	28	47	10
MT	15	27	32	19	7						
NE	1	9	40	46	4	Prev Wk	4	9	27	49	11
NV	0	0	25	25	50	Prev Yr	3	9	29	49	10

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

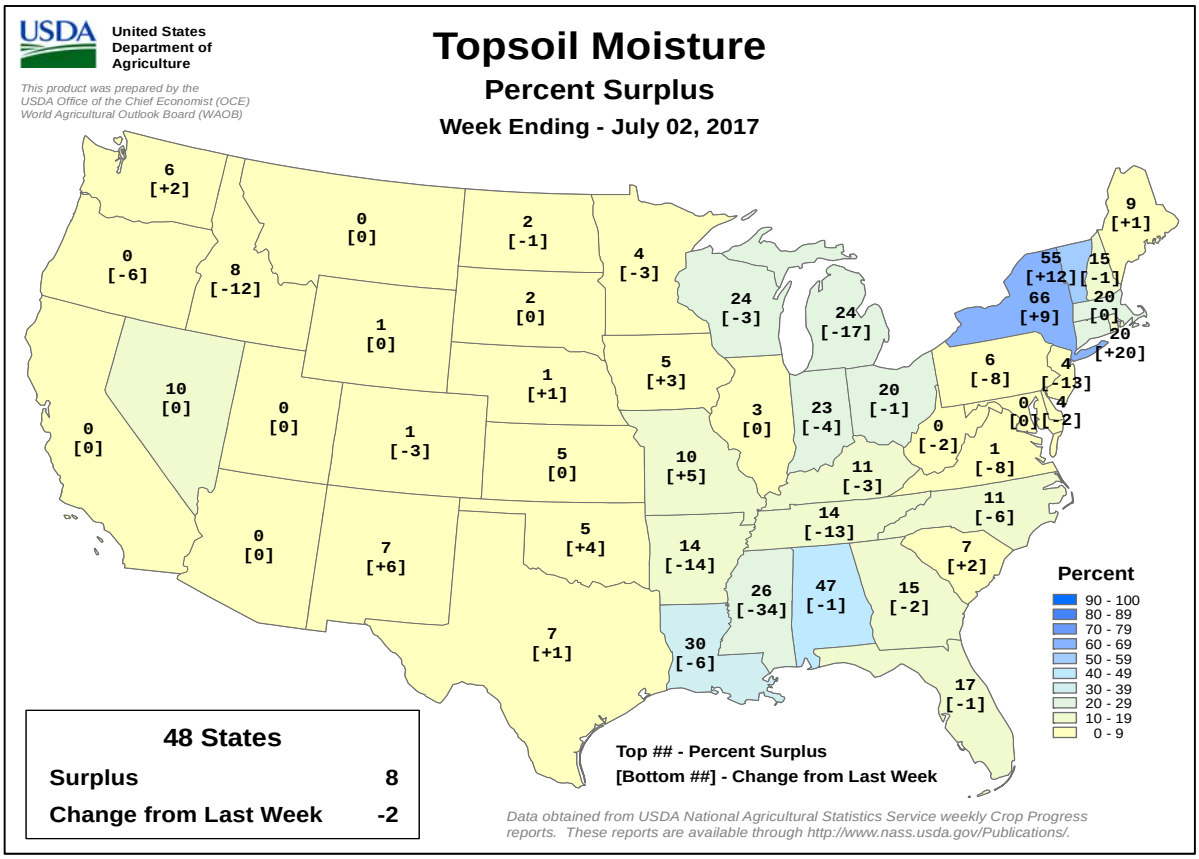
NA - Not Available
*** Revised**

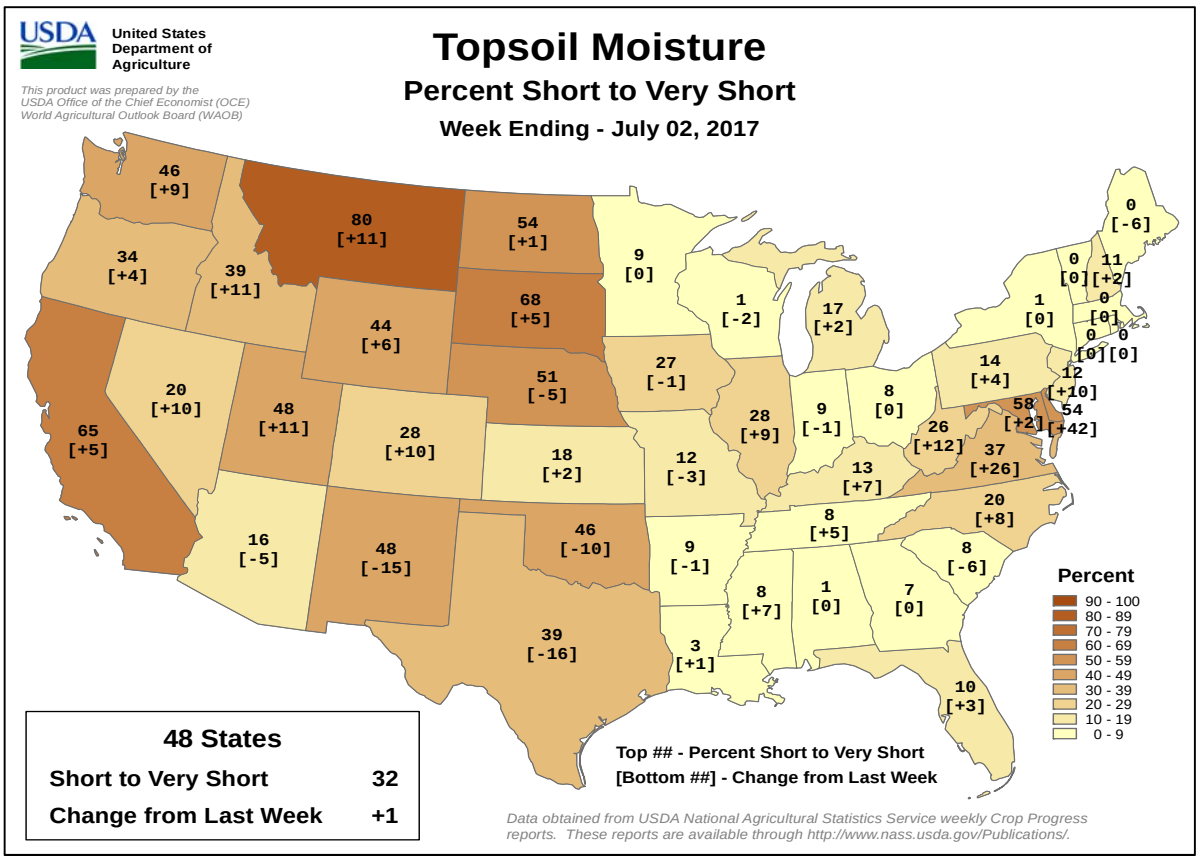


Crop Progress and Condition

Week Ending July 2, 2017

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

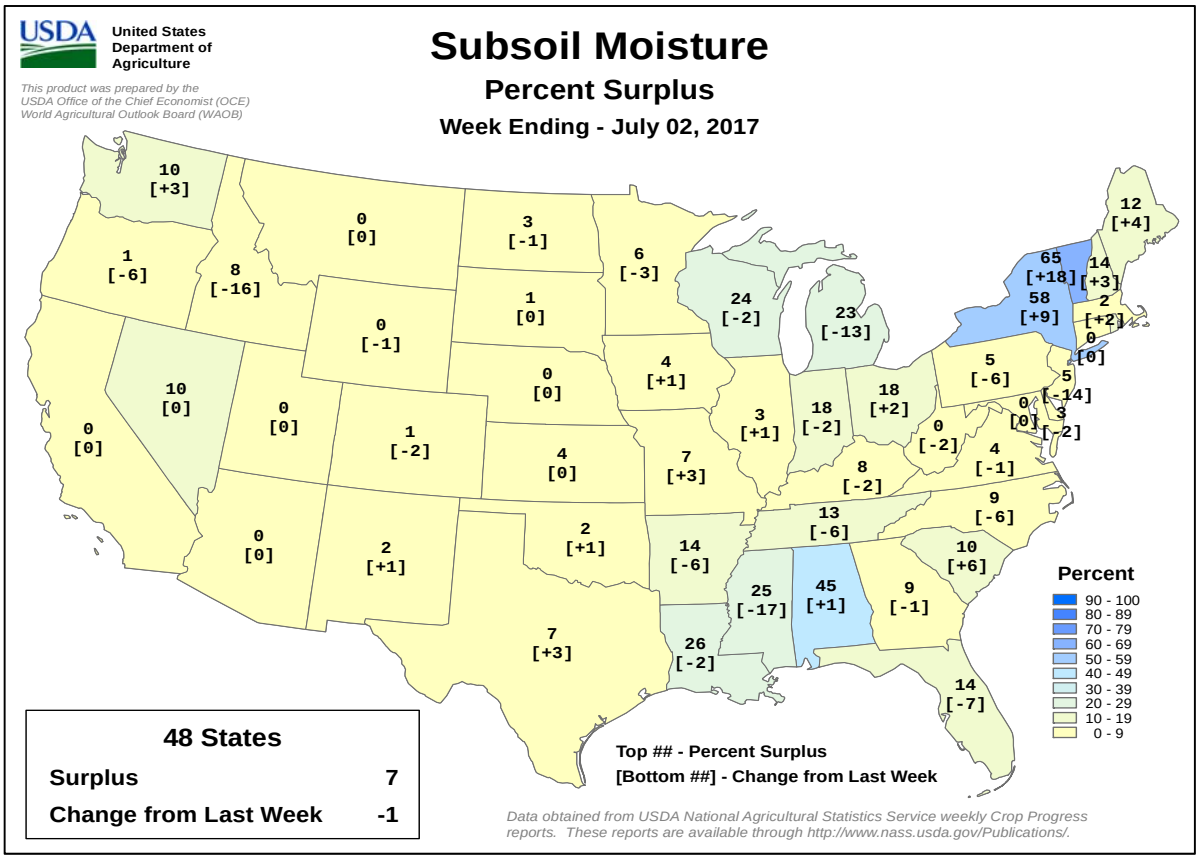


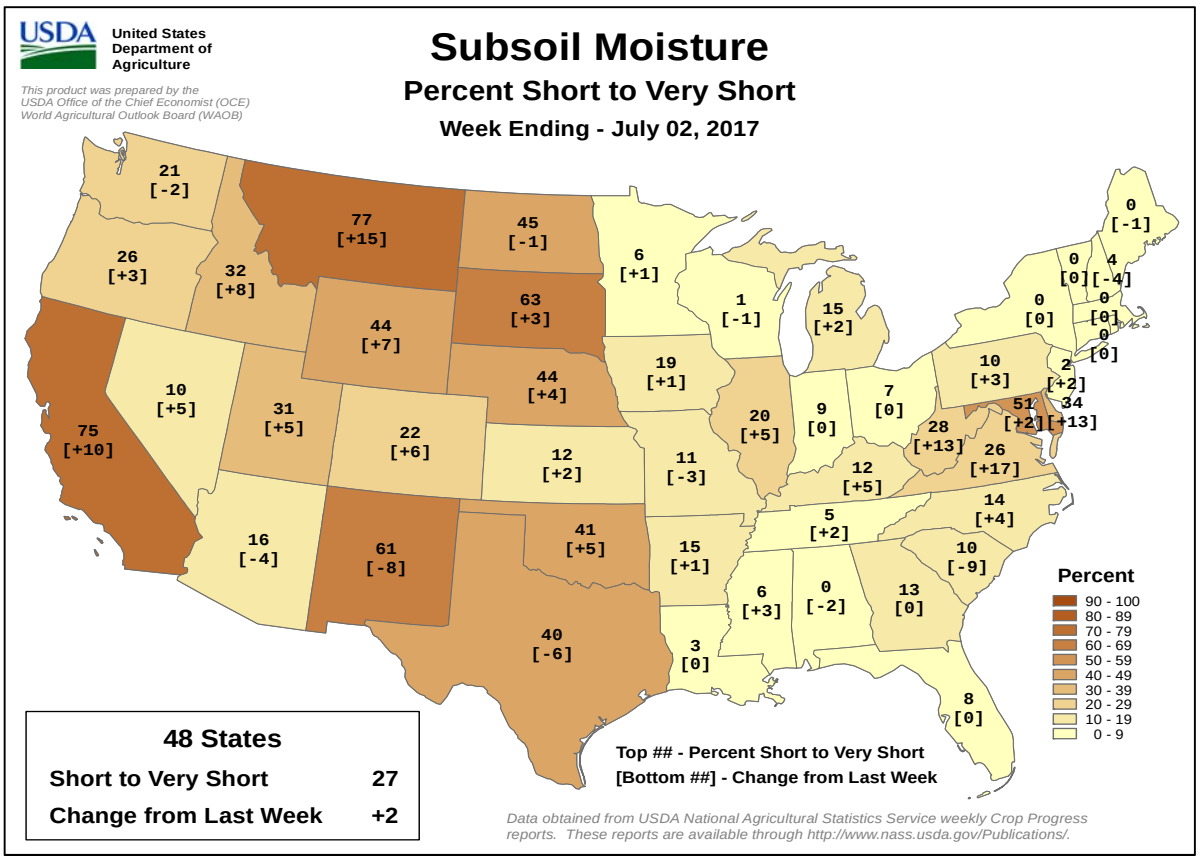


Crop Progress and Condition

Week Ending July 2, 2017

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





International Weather and Crop Summary

June 25 - July 1, 2017

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

EUROPE: Conditions improved for summer crops over much of the continent, though excessive heat and localized drought continued to adversely impact crops in southern Europe.

FSU-WESTERN: Showers in Russia favored vegetative summer crops, while the benefits of welcomed showers in drought-afflicted north-central Ukraine were offset by building heat.

FSU-EASTERN: Conditions remained mostly favorable for vegetative spring grains in the north and flowering cotton in southern portions of the region.

MIDDLE EAST: Excessive late-week heat adversely impacted vegetative to reproductive summer crops in Turkey.

SOUTH ASIA: Monsoon showers spread into northern India and encompassed most of the country.

EAST ASIA: Flooding rainfall in southern China was contrasted by unfavorably dry conditions in parts of the northeast.

SOUTHEAST ASIA: Rainfall maintained good moisture conditions for rice in the region.

AUSTRALIA: Much-needed rain fell across the west and northeast, but unfavorably dry weather persisted in the southeast.

ARGENTINA: Beneficial rain overspread the southern winter grain belt.

BRAZIL: Dry weather supported seasonal fieldwork, including corn harvesting and wheat planting.

MEXICO: Showers provided a much-needed boost in moisture across the southern plateau corn belt.

CANADIAN PRAIRIES: Dryness intensified in some southern farming areas, but lingering wetness remained a problem farther north.

SOUTHEASTERN CANADA: Rain continued, but soybean planting was nearly complete in Ontario and Quebec.

June 2017

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	31	18	39	13	25	3.1	5	-6
	BATNA	34	16	41	9	25	2	24	8
ARGENT	IGUAZU	23	12	29	3	18	1.4	89	-79
	FORMOSA	22	14	31	5	18	1.2	68	2
	CERES	21	10	31	-2	15	2.6	1	-30
	CORDOBA	20	4	28	-7	12	1.2	11	-1
	RIO CUARTO	17	5	28	-3	11	1.4	15	-4
	ROSARIO	19	8	27	-2	13	2.6	24	-15
	BUENOS AIRES	18	8	26	-2	13	2.7	0	-54
	SANTA ROSA	15	4	22	-4	10	1.6	59	39
	TRES ARROYOS	14	5	21	-3	10	2	58	23
AUSTRA	DARWIN	31	21	33	18	26	0.4	0	-2
	BRISBANE	22	13	23	9	17	1.3	86	32
	PERTH	22	8	25	3	15	0.9	57	-90
	CEDUNA	18	4	21	-2	11	-0.9	1	-28
	ADELAIDE	16	6	19	2	11	-0.7	15	-41
	MELBOURNE	15	6	18	2	10	0.2	10	-29
	WAGGA	15	1	18	-3	8	-1	1	-46
	CANBERRA	13	-1	16	-4	6	-0.3	1	-38
AUSTRI	VIENNA	28	15	35	10	22	3.6	72	10
	INNSBRUCK	27	14	34	5	20	4.3	157	42
BAHAMA	NASSAU	33	25	35	23	29	1.9	101	-77
BARBAD	BRIDGETOWN	30	25	31	22	28	0.2	202	120
BELARU	MINSK	22	12	31	4	17	0.3	58	-28
BERMUD	ST GEORGES	28	24	29	20	26	0.5	127	5
BOLIVI	LA PAZ	15	-3	18	-7	6	0.4	0	-6
BRAZIL	FORTALEZA	31	25	33	24	28	0.5	111	7
	RECIFE	29	24	30	22	26	-0.3	387	85
	CAMPO GRANDE	26	16	31	6	21	-0.6	38	0
	FRANCA	25	15	29	10	20	1	9	-16
	RIO DE JANEIRO	26	18	33	14	22	0.3	50	-1
	LONDRINA	24	13	30	4	19	1.6	97	-11
	SANTA MARIA	21	13	29	1	17	2.7	124	-63
	TORRES	21	13	33	5	17	-2	168	24
BULGAR	SOFIA	27	14	36	10	20	1.9	64	-7
BURKIN	OUAGADOUGOU	34	25	40	21	30	0.1	112	6
CANADA	TORONTO	25	14	33	8	19	1.6	97	23
	MONTREAL	23	14	32	7	19	0.6	135	52
	WINNIPEG	23	11	34	4	17	0	******	******
	REGINA	23	9	33	1	16	-0.6	******	******
	SASKATOON	22	9	32	2	16	-0.2	******	******
	CALGARY	22	9	32	5	16	1.8	42	-38
	VANCOUVER	20	12	26	9	16	0.5	46	-8
CANARY	LAS PALMAS	27	21	35	19	24	2.1	0	-1
CHILE	SANTIAGO	14	3	21	-3	9	0	46	-23
CHINA	HARBIN	25	16	32	7	20	-0.2	93	17
	HAMI	35	19	40	11	27	2.1	2	-5
	BEIJING	31	20	39	13	25	0.6	120	41
	TIENTSIN	32	20	39	12	26	1.2	49	-20
	LHASA	23	11	27	5	17	0.5	178	106
	KUNMING	26	17	30	12	22	1.6	157	-24
	CHENGCHOW	32	22	38	14	27	0.9	48	-14
	YEHCHANG	28	21	33	16	24	0.1	172	25
	HANKOW	29	22	34	17	26	-0.4	165	-58
	CHUNGKING	29	23	36	19	26	0	145	-27
	CHIHKIANG	27	21	33	18	24	-0.4	544	335
	WU HU	28	21	32	16	24	-0.6	129	-67
	SHANGHAI	27	21	33	17	24	0.4	168	-5
	NANCHANG	27	23	34	19	25	-0.9	453	146
	TAIPEI	31	26	35	22	29	0.5	342	14
	CANTON	32	26	36	24	29	1.1	410	134
	NANNING	32	25	36	23	29	0.5	103	-104
COLOMB	BOGOTA	20	10	21	8	15	1.5	131	64
COTE D	ABIDJAN	29	25	32	22	27	0.8	409	-90
CUBA	HAVANA	31	23	33	21	27	0.7	0	-145
CYPRUS	LARNACA	31	20	34	17	25	0.7	2	0
CZECHR	PRAGUE	25	12	33	8	18	2.6	128	57
DENMAR	COPENHAGEN	20	12	26	8	16	1.3	60	7
EGYPT	CAIRO	35	24	42	21	30	1.9	0	******
	ASWAN	43	27	46	22	35	1.6	0	0

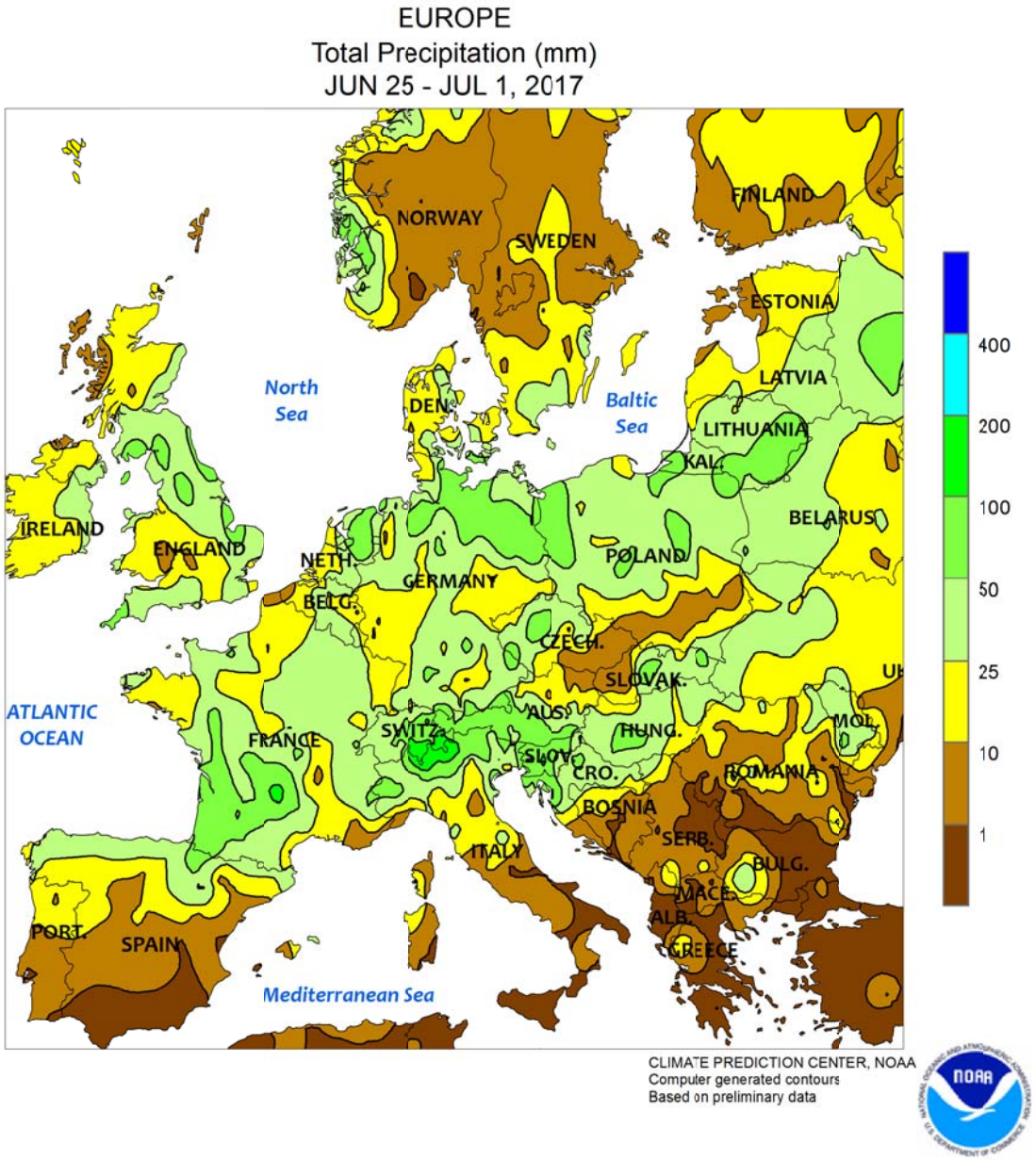
Based on Preliminary Reports

June 2017

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ESTONI	TALLINN	17	9	25	3	13	-1.3	87	25
ETHIOP	ADDIS ABABA	24	13	28	11	19	1.6	37	-81
F GUIA	CAYENNE	31	24	33	22	27	1.6	352	-85
FIJI	NAUSORI	27	21	32	18	24	0.9	94	-49
FINLAN	HELSINKI	18	9	24	2	14	-1.0	100	52
FRANCE	PARIS/ORLY	27	15	37	8	21	3.5	43	-4
	STRASBOURG	27	15	35	8	21	3.9	51	-27
	BOURGES	26	15	36	9	21	3.8	62	3
	BORDEAUX	27	16	37	10	22	3.7	136	71
	TOULOUSE	29	18	38	11	23	4.6	37	-30
	MARSEILLE	30	19	35	11	25	3.8	18	-8
GABON	LIBREVILLE	29	25	30	22	27	1.1	16	-2
GERMAN	HAMBURG	21	12	29	4	17	1.4	128	52
	BERLIN	24	14	31	10	19	2.1	121	52
	DUSSELDORF	25	14	35	9	20	3.0	33	-48
	LEIPZIG	24	13	33	10	19	2.6	52	-12
	DRESDEN	24	13	32	8	19	2.7	65	-14
	STUTTGART	26	14	34	6	20	3.9	96	14
	NURNBERG	26	13	35	6	19	2.5	95	21
	AUGSBURG	25	12	32	5	19	2.8	32	-61
GREECE	THESSALONIKA	31	19	38	14	25	0.6	13	-18
	LARISSA	33	18	43	13	25	0.4	38	16
	ATHENS	31	21	41	16	26	0.5	63	57
GUADEL	RAIZET	31	24	32	23	28	0.0	174	87
HONGKO	HONG KONG INT	33	28	36	25	30	2.0	281	-120
HUNGAR	BUDAPEST	29	16	34	12	22	3.2	22	-35
ICELAN	REYKJAVIK	13	8	17	3	11	1.9	34	-11
INDIA	AMRITSAR	37	25	48	22	31	-0.8	182	116
	NEW DELHI	38	27	45	22	32	-0.9	234	152
	AHMEDABAD	39	28	43	24	33	0.4	111	-5
	INDORE	35	24	42	21	30	-0.8	222	69
	CALCUTTA	35	27	38	24	31	1.1	253	-62
	VERAVAL	33	29	35	26	31	1.5	126	-54
	BOMBAY	33	26	35	22	29	-0.1	615	167
	POONA	32	23	38	19	28	0.3	213	55
	BEGAMPET	34	24	40	21	29	-0.4	216	103
	VISHAKHAPATNAM	32	27	36	23	30	-0.5	161	55
	MADRAS	38	27	42	22	32	0.1	93	13
	MANGALORE	30	24	32	22	27	-0.2	1009	39
INDONE	SERANG	32	24	34	23	28	0.3	102	16
IRELAN	DUBLIN	19	11	26	4	15	1.3	87	27
ITALY	MILAN	30	20	35	13	25	4.1	68	0
	VENICE	28	20	32	12	24	3.3	162	83
	GENOA	27	21	36	17	24	2.6	6	-48
	ROME	29	18	33	12	23	2.1	7	-18
	NAPLES	30	20	34	17	25	3.2	3	-28
JAMAIC	KINGSTON	32	26	34	23	29	0.3	156	99
JAPAN	SAPPORO	21	13	30	7	17	0.4	172	119
	NAGOYA	28	18	34	14	23	0.7	135	-69
	TOKYO	26	19	31	15	23	0.7	112	-53
	YOKOHAMA	26	19	30	16	23	1.2	141	-64
	KYOTO	28	18	34	13	23	-0.2	210	-14
	OSAKA	28	19	32	15	23	0.0	170	-31
KAZAKH	KUSTANAY	24	13	32	6	19	-0.9	80	35
	TSELINOGRAD	29	16	37	8	22	2.8	16	-30
	KARAGANDA	27	13	34	7	20	1.2	40	10
KENYA	NAIROBI	25	14	28	10	20	1.7	2	-28
LITHUA	KAUNAS	21	11	25	2	16	0.0	79	-9
LUXEMB	LUXEMBOURG	25	14	35	8	19	4.1	50	-25
MALAYS	KUALA LUMPUR	33	25	35	23	29	1.6	204	77
MALI	BAMAKO	34	24	39	23	29	0.6	71	-59
MARSHA	MAJURO	30	27	31	24	28	0.9	331	56
MARTIN	LAMENTIN	31	25	32	23	28	1.2	182	38
MAURIT	NOUAKCHOTT	33	22	40	19	28	0.8	5	4
MEXICO	GUADALAJARA	31	18	34	14	25	2.1	102	-50
	TLAXCALA	24	13	28	8	19	-0.2	126	-26
	ORIZABA	26	18	33	14	22	1.0	458	62
MOROCC	CASABLANCA	26	21	33	18	23	3.1	1	-2
	MARRAKECH	37	20	43	15	28	4.6	9	6
MOZAMB	MAPUTO	28	15	33	11	21	1.3	0	-12

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
N KORE	PYONGYANG	29	17	33	12	23	1.4	27	-56
NEW CA	NOUMEA	25	20	28	17	22	1.3	20	-97
NIGER	NIAMEY	37	27	43	22	32	0.3	207	131
NORWAY	OSLO	18	10	23	5	14	0.4	84	9
NZEALA	AUCKLAND	16	9	18	4	12	*****	50	******
	WELLINGTON	13	8	16	4	10	*****	86	******
P RICO	SAN JUAN	31	26	33	24	29	0.7	101	12
PAKIST	KARACHI	36	29	41	25	33	1.1	67	61
PERU	LIMA	21	18	23	16	19	1.1	0	-2
PHILIP	MANILA	34	27	36	25	30	0.6	181	-71
PNEWGU	PORT MORESBY	30	25	33	24	27	1.1	8	-27
POLAND	WARSAW	24	13	31	8	19	2.0	86	15
	LODZ	23	12	30	5	17	1.3	104	39
	KATOWICE	25	12	33	6	18	2.2	35	-45
PORTUG	LISBON	29	18	41	14	23	3.7	1	-17
ROMANI	BUCHAREST	29	15	36	11	22	1.0	42	-36
RUSSIA	ST.PETERSBURG	17	10	24	4	14	-2.0	97	36
	KAZAN	20	11	25	4	16	-2.3	66	-4
	MOSCOW	19	10	27	3	15	-2.5	144	58
	YEKATERINBURG	21	11	26	3	16	-0.8	106	42
	OMSK	25	14	33	4	20	1.8	32	-21
	BARNAUL	26	13	34	5	20	2.0	48	-5
	KHABAROVSK	22	12	28	7	17	-0.7	86	9
	VLADIVOSTOK	17	11	27	7	14	1.2	48	-71
	VOLGOGRAD	26	14	35	4	20	-0.8	49	18
	ASTRAKHAN	28	17	35	9	22	-1.0	52	25
	ORENBURG	24	12	33	5	18	-2.3	40	3
S AFRI	JOHANNESBURG	19	6	23	-1	12	2.2	0	-7
	DURBAN	24	12	27	8	18	0.7	0	-22
	CAPE TOWN	18	8	26	2	13	0.0	92	-6
S KORE	SEOUL	29	19	34	15	24	1.3	67	-72
SAMOA	PAGO PAGO	30	25	32	23	27	0.6	127	-24
SENEGA	DAKAR	29	25	33	23	27	1.3	1	-14
SPAIN	VALLADOLID	32	16	39	7	24	5.6	7	-27
	MADRID	34	18	40	10	26	4.5	11	-13
	SEVILLE	36	20	43	16	28	3.6	0	-15
SWITZE	ZURICH	25	15	33	8	20	4.8	87	-49
	GENEVA	27	15	34	7	21	4.5	85	-6
SYRIA	DAMASCUS	36	16	43	13	26	1.9	0	******
TAHITI	PAPEETE	30	24	31	22	27	1.8	48	-17
TANZAN	DAR ES SALAAM	30	22	32	20	26	1.7	25	-11
THAILA	PHITSANULOK	34	26	35	24	30	0.3	216	36
	BANGKOK	34	27	37	24	31	1.0	232	82
TOGO	LOME	29	25	32	22	27	1.0	******	******
TRINID	PORT OF SPAIN	32	24	34	23	28	1.4	421	185
TUNISI	TUNIS	32	21	42	15	26	2.8	42	31
TURKEY	ISTANBUL	28	20	39	16	24	2.1	41	14
	ANKARA	25	12	35	6	18	1.3	48	13
TURKME	ASHKHABAD	36	24	42	21	30	1.5	0	-7
UKINGD	ABERDEEN	17	10	26	3	14	1.6	143	87
	LONDON	24	14	34	9	19	3.0	46	1
UKRAIN	KIEV	25	15	33	7	20	2.0	28	-48
	LVOV	24	12	31	6	18	2.0	32	-60
	KIROVOGRAD	27	14	33	6	21	1.9	17	-53
	ODESSA	26	17	30	14	22	2.0	43	-5
	KHARKOV	25	14	33	5	19	0.4	24	-39
UZBEKI	TASHKENT	35	19	39	13	27	1.2	3	-8
YUGOSL	BELGRADE	30	19	36	13	24	3.7	54	-40
ZAMBIA	LUSAKA	23	11	28	7	17	0.4	0	-1
ZIMBAB	KADOMA	24	9	27	6	16	-1.5	0	-3

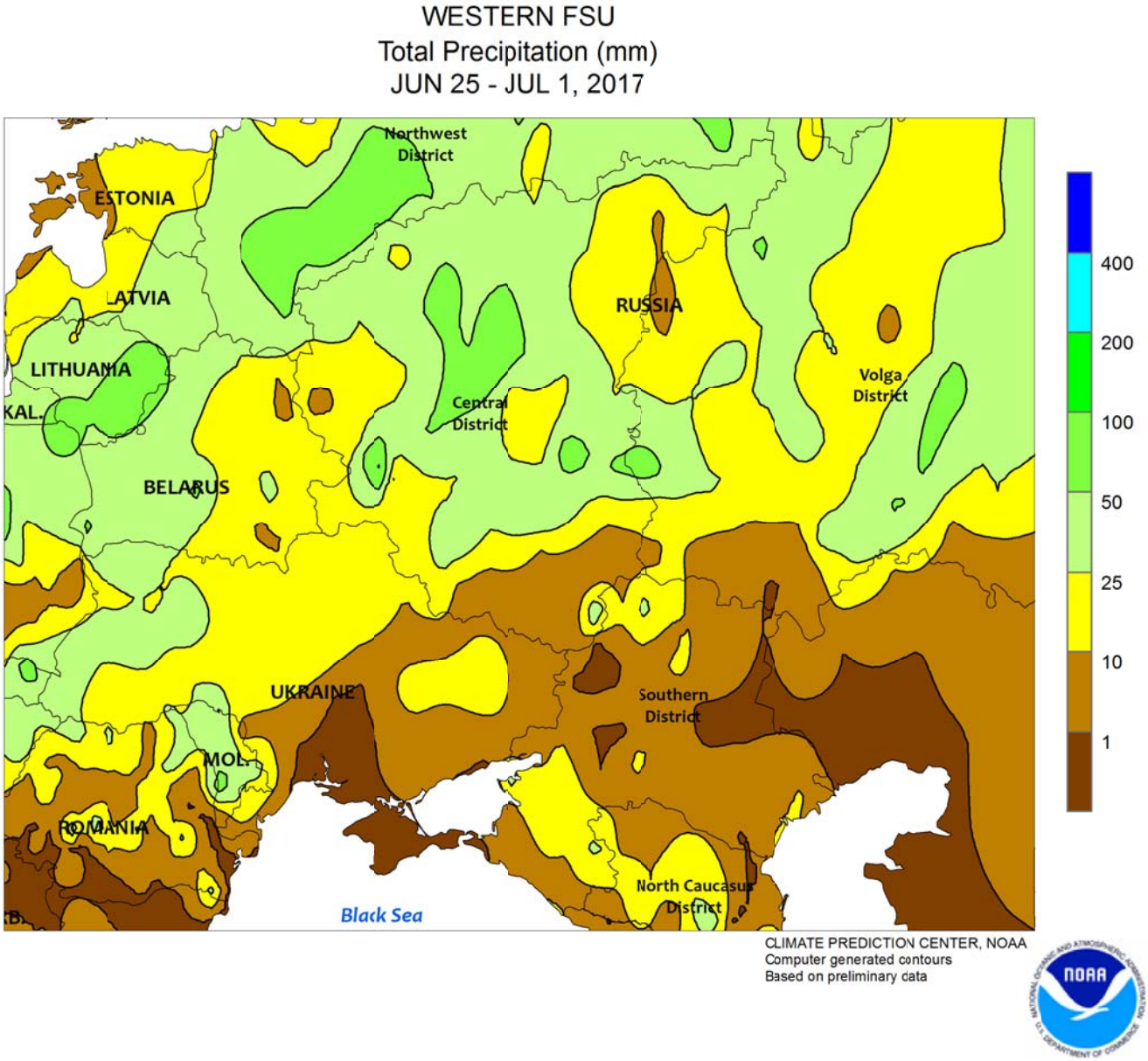
Based on Preliminary Reports



EUROPE

Widespread rain stabilized or boosted summer crop prospects over much of the continent, although excessive heat and localized drought adversely impacted southern Europe. Following recent hot weather, cooler conditions in Spain (1-3°C below normal) as well as France, England, Germany, and northern Poland (1-3°C above normal, compared to up to 8°C above normal last week) eased or eliminated stress on vegetative to reproductive small grains and summer crops. Furthermore, widespread rain (10-70 mm, locally more) maintained or improved soil moisture as crops such as corn, soybeans, and sunflowers approached or entered the reproductive stages of development. Despite the cooler weather, irrigation requirements remained high for flowering cotton in southern Spain (Andalucía) due to an early end to the winter wet season. Farther east, excessive heat (35-41°C) and dryness in the lower Danube River Valley increased stress on vegetative to reproductive corn and sunflowers, though cooler, showery conditions had returned as of July 3.

For additional information contact: mbrusberg@oce.usda.gov

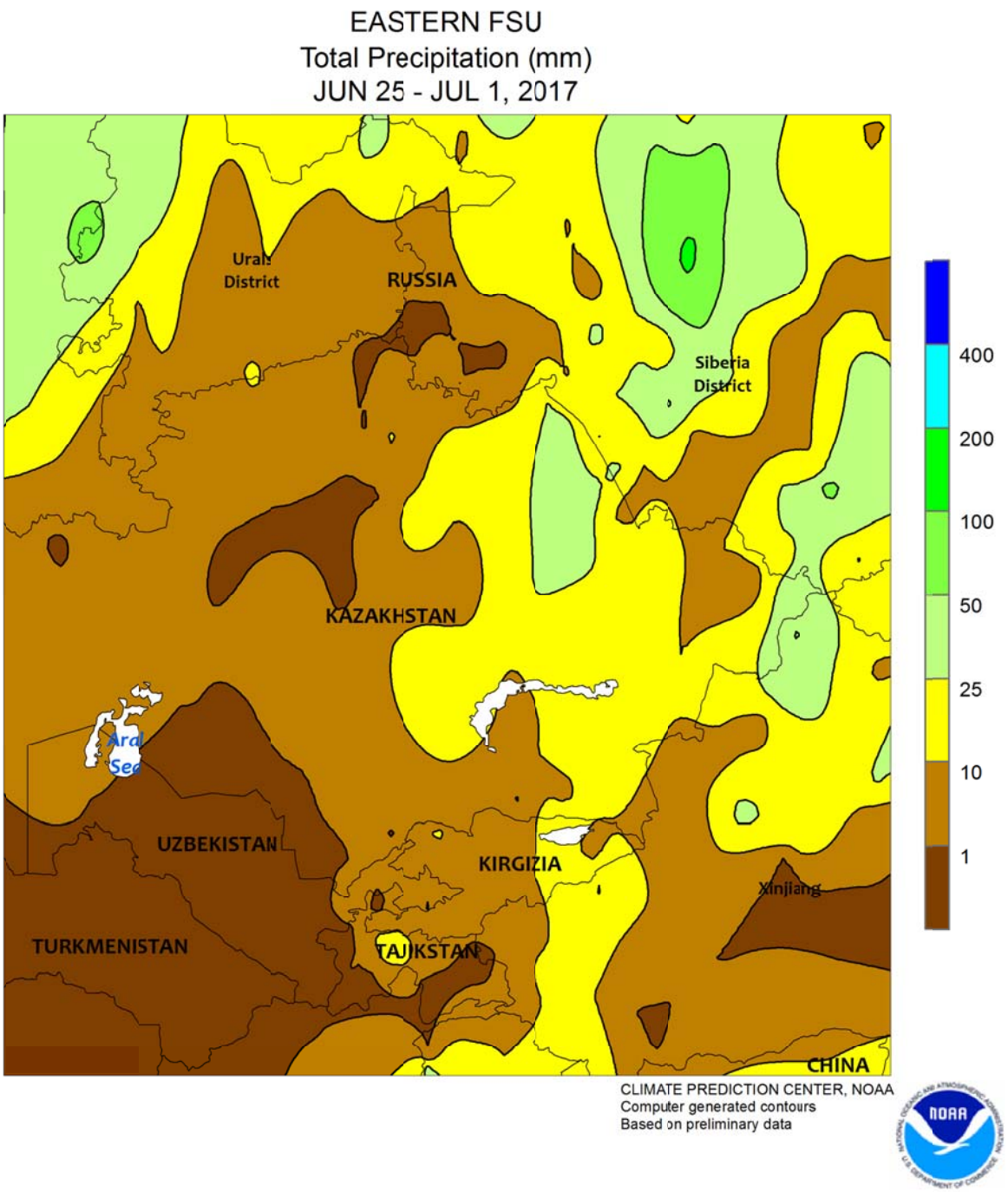


WESTERN FSU

Showers maintained good to excellent summer crop prospects in Russia and eased drought in north-central Ukraine. In Russia, 60-day rainfall through July 1 has averaged 100 to 200 percent of normal, ensuring adequate to abundant moisture reserves as spring grains and summer crops approached or entered the reproductive stages of development. During the past week, showers and thunderstorms continued in Russia, albeit more variable, with totals in key southern corn and sunflower areas ranging from a trace to 42 mm. Widespread moderate to heavy rainfall (10-90 mm) was reported from Belarus into northern Russia, sustaining abundant moisture supplies for crop development.

In Ukraine, much-needed rain (10-24 mm) in central portions of the country eased drought, though 60-day precipitation totals remained below 50 percent of normal in many key growing areas. Elsewhere in Ukraine, moderate to heavy showers (10-40 mm) improved prospects for soybeans and corn in the west as well as vegetative sunflowers in east-central growing areas. Dry weather lingered over south-central Ukraine, increasing concerns over developing drought in areas just inland from the Black Sea Coast. Despite the much-needed rain in Ukraine, building heat (33-36°C) increased evapotranspiration rates and largely offset the benefits of the past week's rain.

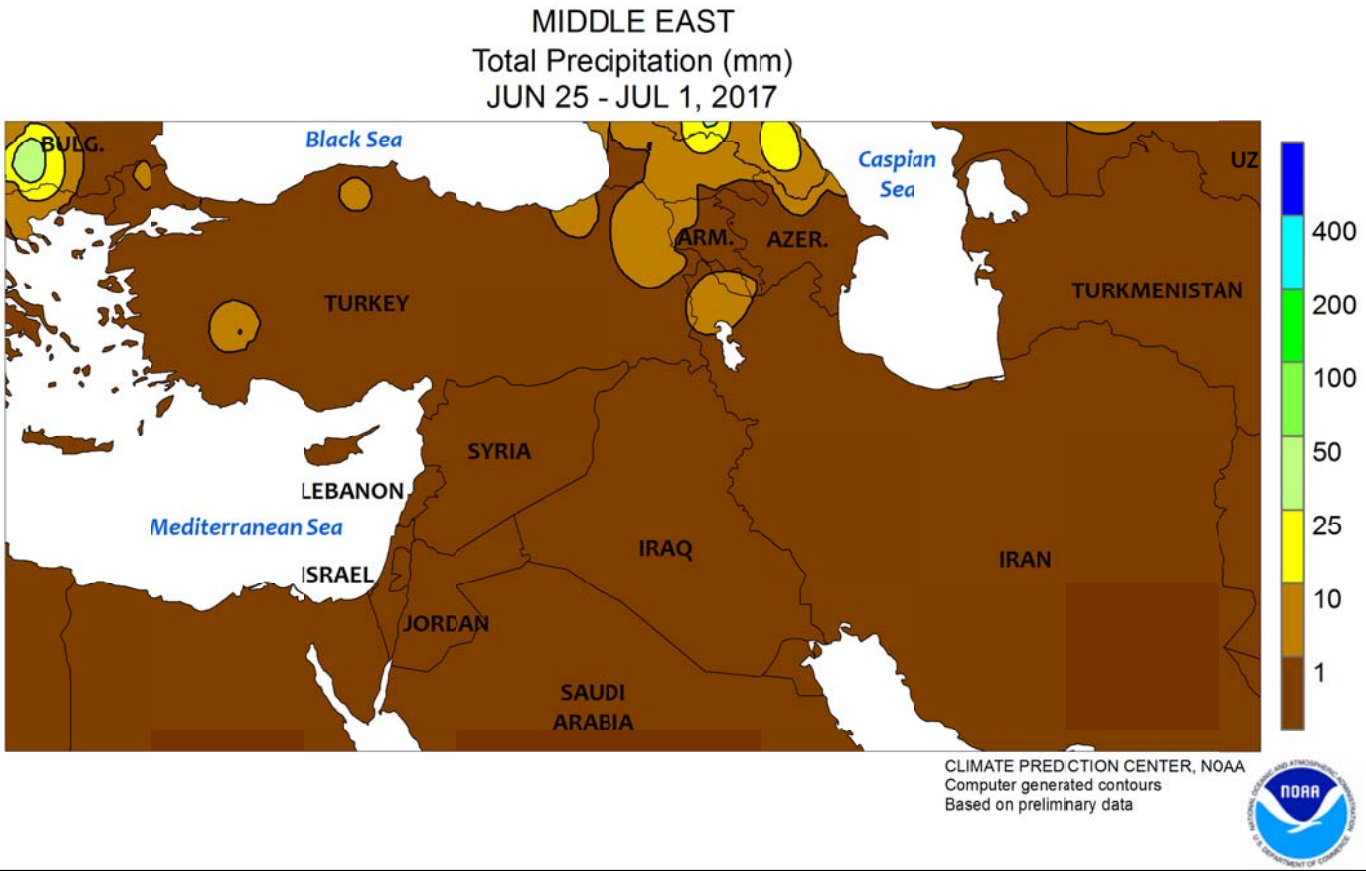
For additional information contact: mbrusberg@oce.usda.gov



EASTERN FSU

Favorable early-season conditions continued for vegetative to reproductive small grains in the north and cotton in the south. In the spring wheat belt of northern Kazakhstan and central Russia, dry, cool weather (up to 2°C below normal) was beneficial for heading to flowering spring barley (Volga and Urals Districts) as well as jointing spring wheat (northern Kazakhstan and environs); as of July 1, these same locales have reported 100 to 300 percent of normal precipitation over the past 60 days. In Russia's Siberia District, well-placed showers and thunderstorms (10-60 mm, locally more) eased or eliminated short-term dryness and improved prospects for jointing to heading spring grains. Meanwhile, seasonably dry weather and near-normal temperatures (within 1°C of normal) promoted the development of flowering cotton (which is heavily irrigated) in eastern Uzbekistan and Tajikistan.

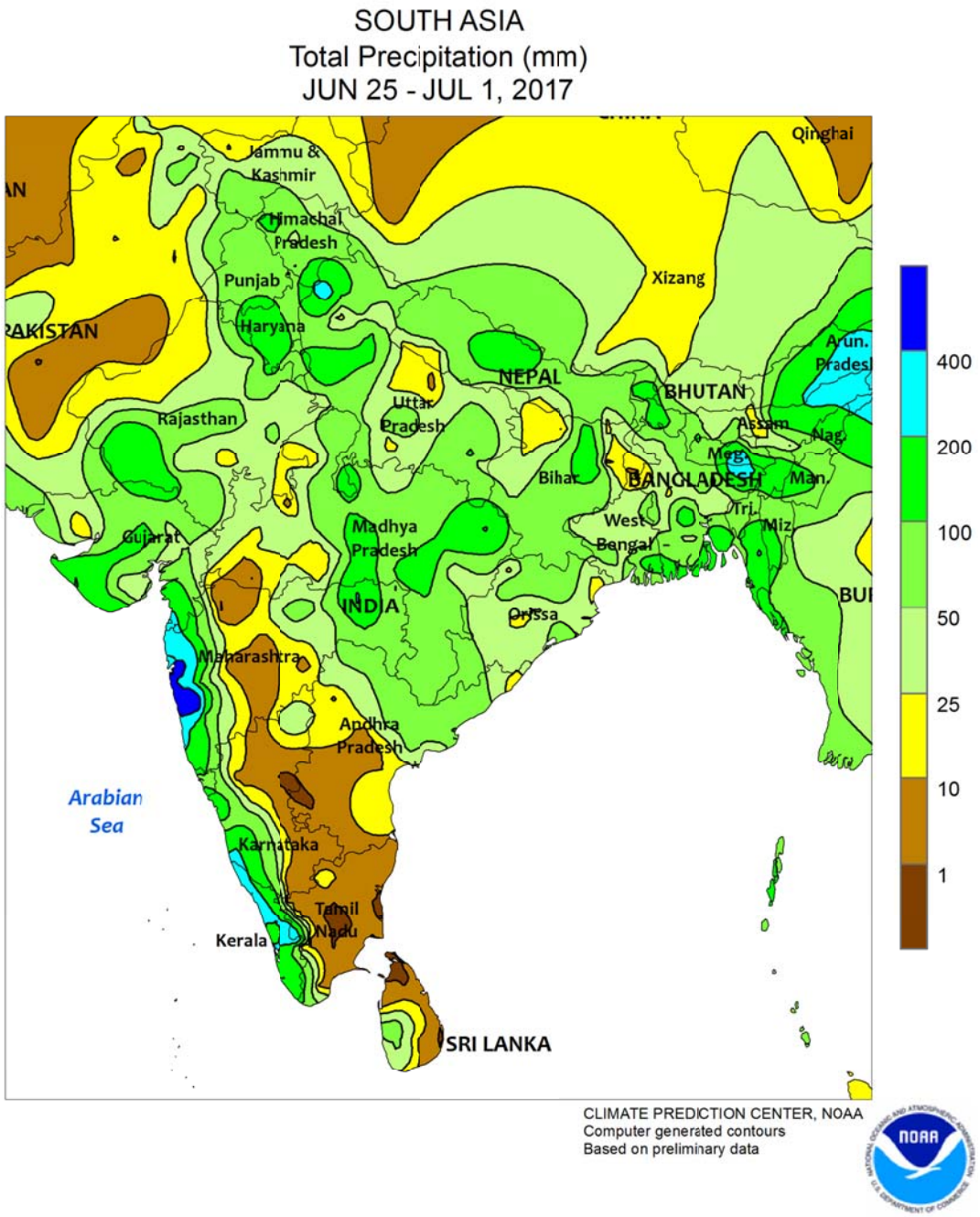
For additional information contact: mbrusberg@oce.usda.gov



MIDDLE EAST

After an excellent start to the summer growing campaign, blistering heat reduced crop prospects in Turkey. Above-normal rainfall over the past 60 days (100-200 percent of normal) boosted moisture reserves for Turkey's filling winter grains and vegetative summer crops, many of which are irrigated during the climatologically hot, dry summer season. However, conditions for summer crops rapidly deteriorated during the past week, as excessive, untimely record-setting heat arrived across the entire region. In the Middle East, daytime highs approached 50°C in the typically-hotter areas centered on Iraq, with readings above 40°C noted in Turkey's summer crop areas. In western Turkey, several stations reported weekly maximum temperatures of 45°C, well above the heat-damage threshold for flowering cotton (40°C). In southeastern Turkey, reproductive corn (tasseling stage of development, as estimated by cumulative growing degree data) was subjected to readings as high as 44°C, which would severely impact crop yield potential. Even sunflowers — grown primarily in northwestern Turkey — have been exposed to four consecutive days of 40-degree readings as of July 2 (peak of 41°C), hastening development and stressing the crop as it approaches the onset of bloom.

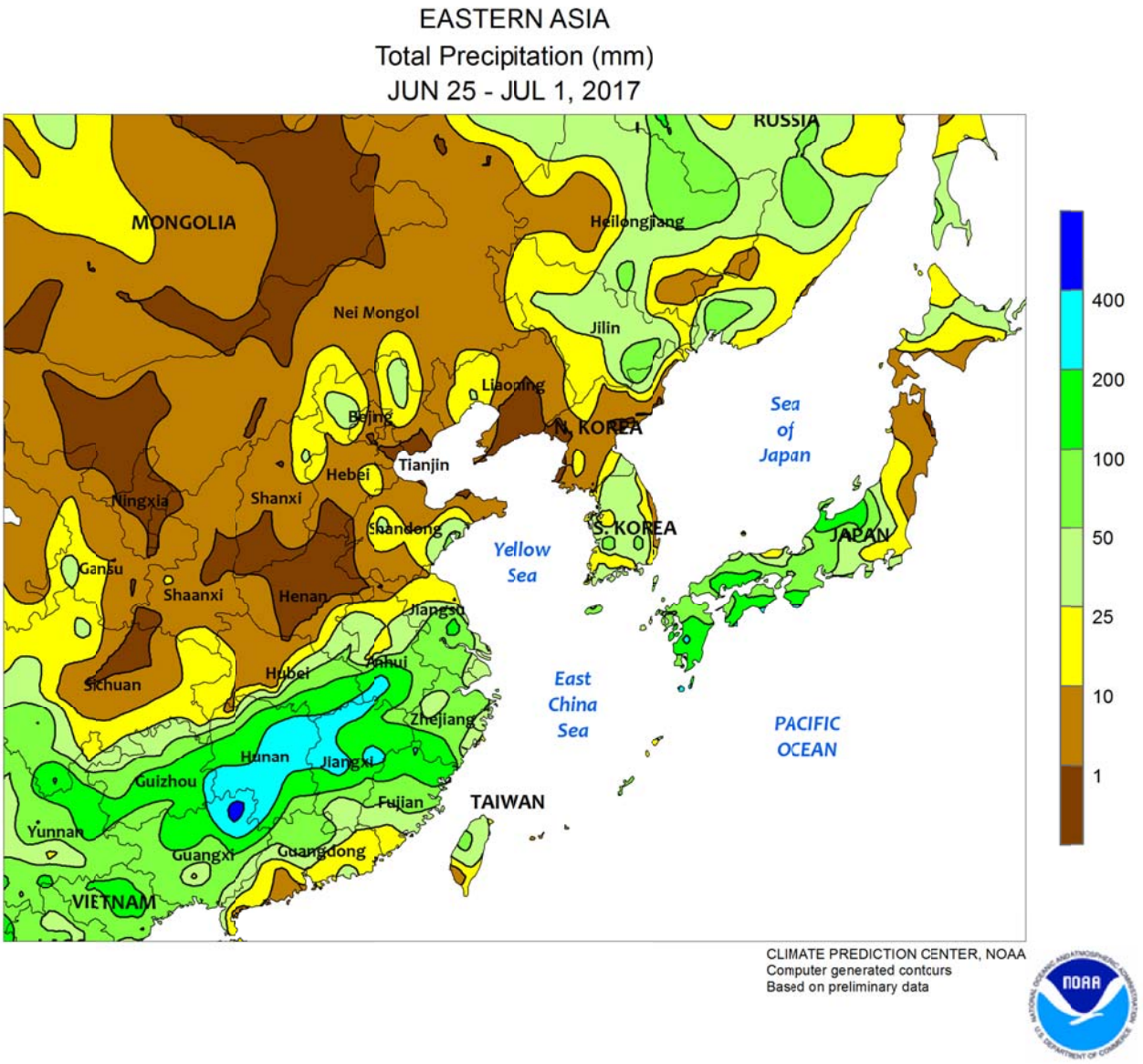
For additional information contact: mbrusberg@oce.usda.gov



SOUTH ASIA

Monsoon showers pushed into northern India and were covering most of the country (as reported by the Indian Meteorological Department). Most major crop areas received 50 to over 100 mm of rain, encouraging sowing of rice in the east and cotton and oilseeds in the west (pockets of dry weather occurred in Maharashtra and the traditionally drier southeast). In addition, the recent rainfall improved seasonal (starting June 1) rainfall totals in areas where the arrival of monsoon showers had been delayed by over a week. However, many rice areas in the east continued to experience seasonal rainfall deficits, and more rain is needed to bring the totals up to the long-term average. In other parts of the region, seasonable showers (25-100 mm) continued in summer (yala) rice areas of southwestern Sri Lanka, while showers were more seasonable (25-100 mm or more) in Bangladesh following periodic flooding rainfall over the last several weeks. In Pakistan, 10 to 25 mm of rain in Punjab and 25 to 50 mm in southern Sindh provided supplemental moisture to irrigated cotton and rice.

For additional information contact: mbrusberg@oce.usda.gov



EASTERN ASIA

Heavy showers continued across southern China with several areas reporting over 200 mm and, more locally, over 500 mm. The excessively wet weather caused flooding and submerged rice, raising concerns about damage to unharvested early-crop rice and recently sown late-crop rice. Most of the rainfall in China was confined to areas south of the Yangtze River. Little, if any, rainfall was recorded on the North China Plain where corn and other summer crop planting was underway following the wheat harvest. Soil moisture and irrigation remained adequate for summer crop establishment but hot weather (temperatures over 35°C) increased moisture loss. Meanwhile in the northeast, periods of rain brought 10 to locally over 50 mm to corn and soybeans in Heilongjiang and Jilin. However, unfavorably dry weather prevailed in western portions of Heilongjiang and Jilin, as well as Liaoning and neighboring areas of Inner Mongolia. These areas continued to be beleaguered by seasonal (starting May 1) rainfall deficits, with recent temperatures occasionally approaching 40°C further decreasing soil moisture. Elsewhere in the region, showers (10-25 mm or more) in South Korea provided limited relief from an extended period of seasonal dryness, while North Korea remained dry. Much of the Korean Peninsula has been experiencing well-below-normal rainfall for the season (starting May 1), forcing rice growers to rely exclusively on irrigation. In Japan, heavy showers (25-100 mm, locally over 200 mm) overspread most of the country, with lesser amounts (less than 30 mm) in key rice areas of northern Honshu and Hokkaido.

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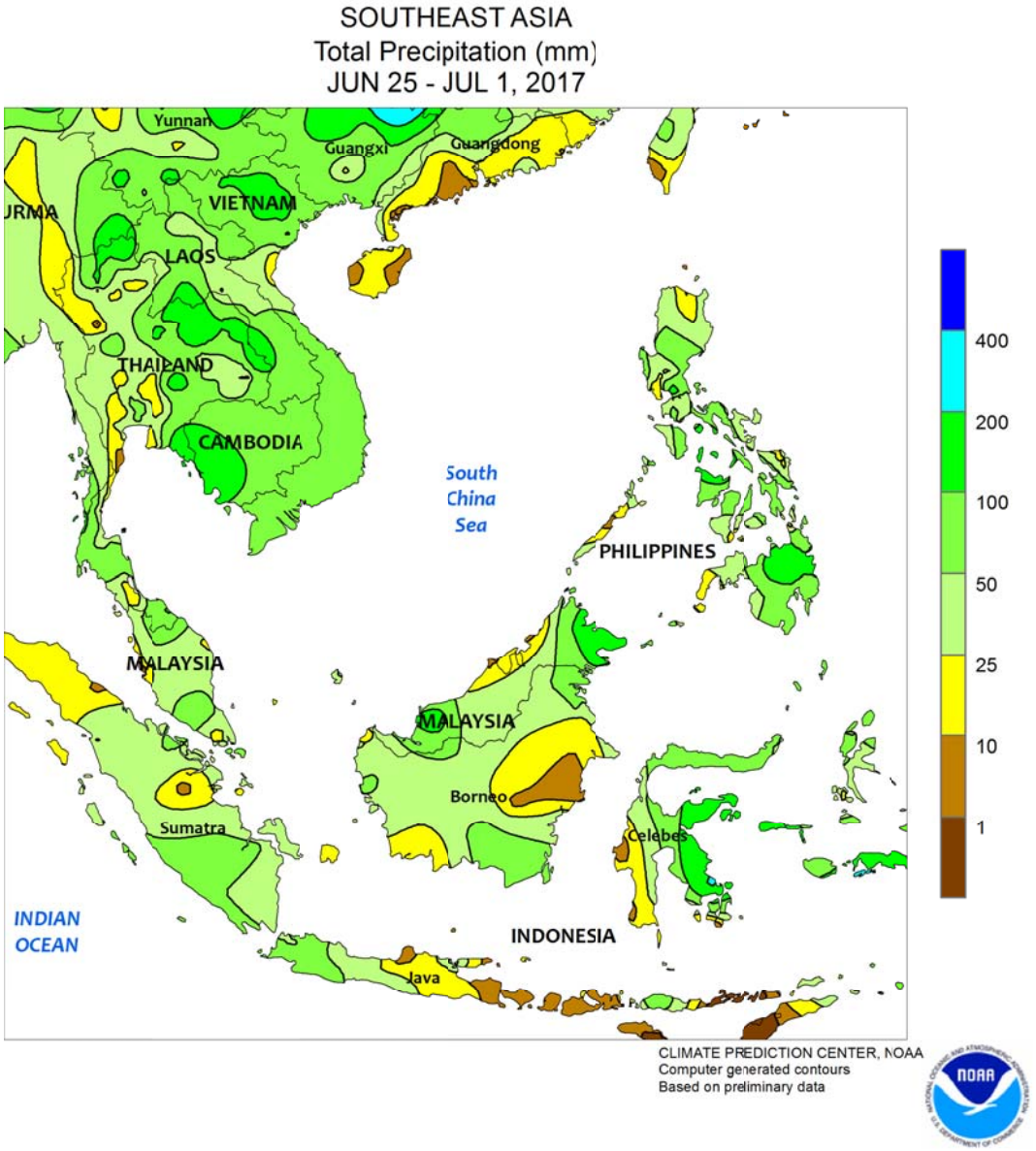

SOUTHEAST ASIA

Monsoon showers continued across Indochina, with rice areas throughout Thailand, Laos, Cambodia, and southern Vietnam receiving well over 25 mm and, in some areas, up to 150 mm. Seasonal rainfall (beginning May 1) in these countries remained above normal and well above normal in Thailand. Similarly in the Philippines, 25 to over 100 mm of rain maintained favorable moisture conditions for rice and corn and kept seasonal totals above to well above normal. Farther south, showers (25-50 mm locally more) maintained favorable soil moisture for oil palm in Malaysia and Sumatra and further improved 90-day moisture conditions in western Malaysia, where oil palm prospects continued to be better than the drought-impacted crop last year.

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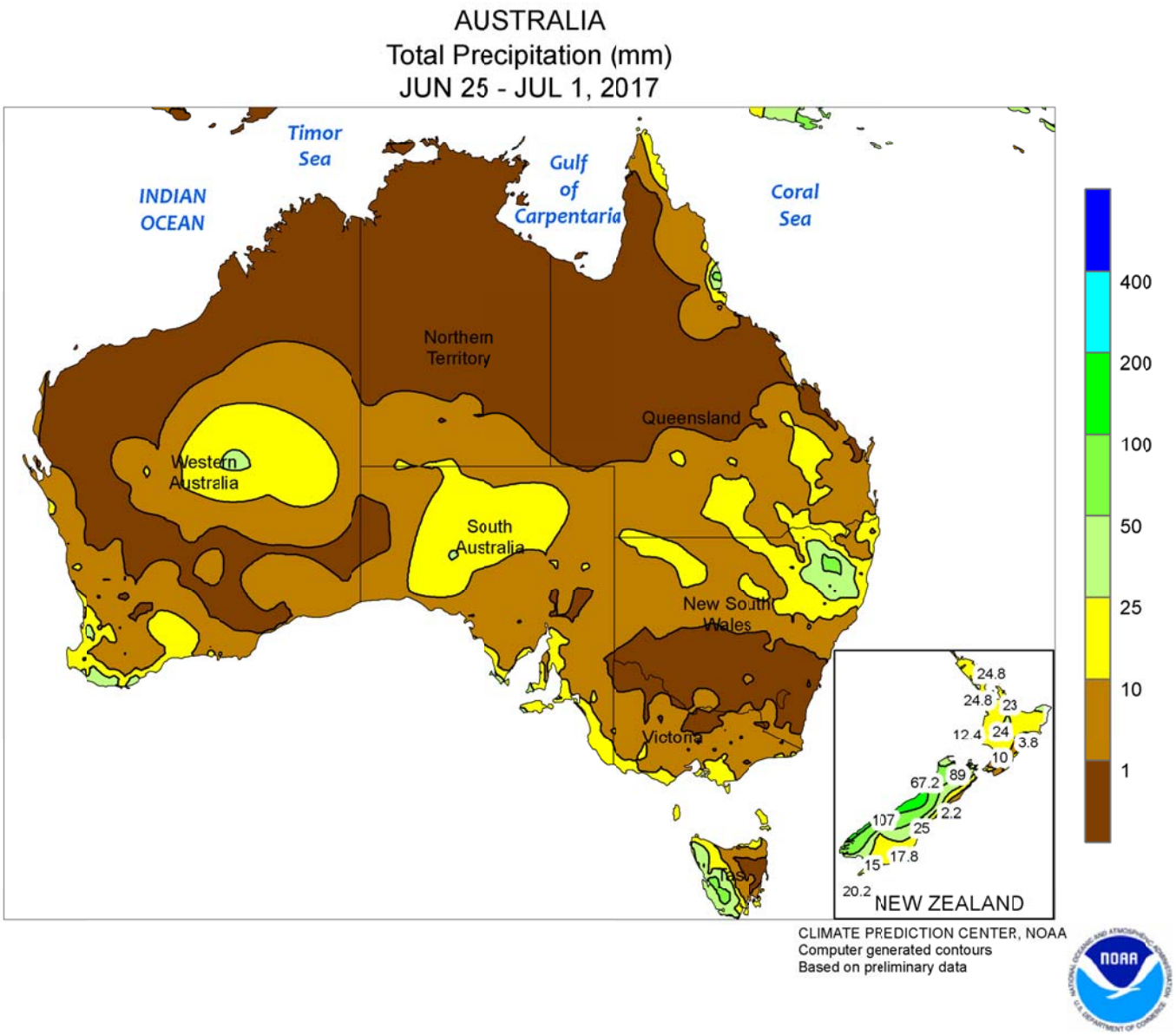

AUSTRALIA

Widespread showers (5-25 mm) overspread Western Australia, providing a much-needed boost in topsoil moisture for vegetative winter grains and oilseeds. The rain helped stabilize crop conditions, but rainfall totals since May 1 still remain well below normal. As a result, significant, follow-up rains will be needed to further improve crop prospects in this state. On the opposite end of the wheat belt, widespread showers (5-25 mm, locally more) in southern Queensland and northern New South Wales benefited wheat and other winter crops. Similar to Western Australia, additional rain is needed to aid winter crop establishment. Elsewhere in the wheat belt, unfavorably dry weather persisted in southeastern Australia, further hampering wheat, barley, and canola development. Since the end of May, major crop producing areas in South Australia, northern Victoria, and southern New South Wales have received very little rain, increasing concerns that drought may develop and stunt crop growth. Rain is needed to reverse the recent drying trend and to improve crop prospects in southeastern Australia. Temperatures in the wheat belt were generally seasonable, averaging within 1ºC of normal in most locations.

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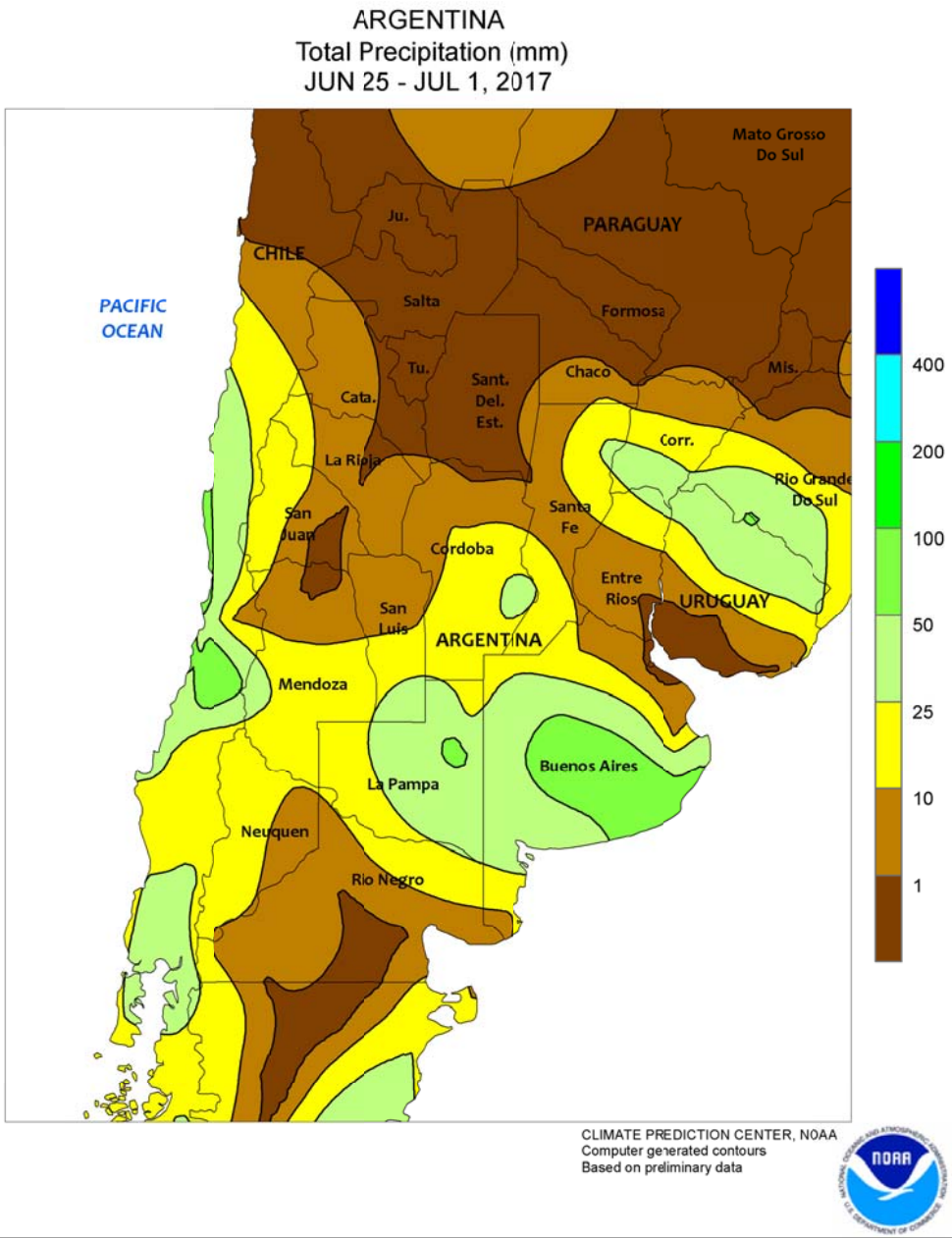

ARGENTINA

Rain overspread the southern winter grain belt, increasing moisture for germination and establishment of wheat and barley. Large sections of central Argentina (La Pampa, Buenos Aires, and neighboring locations in Cordoba and southern Santa Fe) recorded at least 10 mm, with the highest amounts (25-50 mm or more) in high-yielding winter grain areas in southern La Pampa and Buenos Aires. While slowing fieldwork, the rainfall helped to improve long-term moisture reserves following an extended period of dryness. Locally heavy rain (10-25 mm, locally higher) fell from northeastern Santa Fe eastward to northern Uruguay, otherwise dry weather dominated Argentina's more northerly farming areas. The northern dryness was welcomed for harvesting of cotton and other seasonal fieldwork. Weekly temperatures averaged 3 to 5°C above normal throughout Argentina's major agricultural production areas, with daytime highs reaching the 30s (degrees C) in the far north and the middle 20s as far south as Buenos Aires. Nighttime lows fell below freezing in a few of the country's traditionally cooler locations. According to the government of Argentina, corn was 66 percent harvested as of June 29, 15 points ahead of last year. Soybean harvesting was virtually complete (98 percent). In addition, wheat was reportedly 57 percent planted, slightly behind last year's pace (59 percent); however, planting was 35 percent complete in Buenos Aires — Argentina's largest producer — nearly 10 points ahead of last year.

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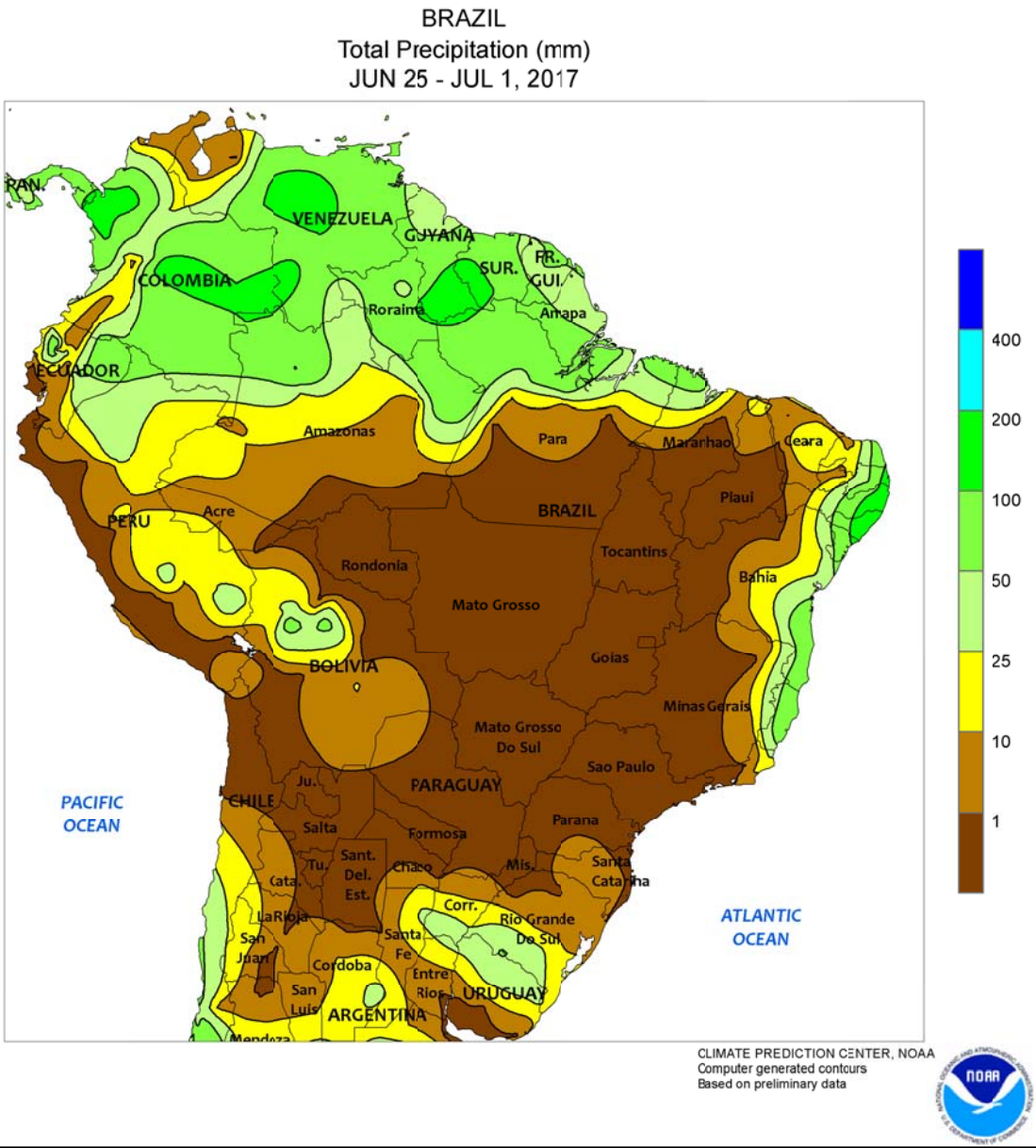

BRAZIL

Dry weather favored seasonal fieldwork in nearly all major agricultural districts. Virtually no rain fell from central Rio Grande do Sul northward through the Center-West Region (Mato Grosso, Goias, and Mato Grosso do Sul) and northeastern interior (Tocantins, western Bahia, and farming areas in Piaui and Maranhao); rainfall (10-25 mm) in southern Rio Grande do Sul was south of the main winter wheat areas. According to the government of Rio Grande do Sul, wheat was 71 percent planted (versus the average of 74 percent) as of June 29, owing to recent weeks of favorable dryness. Reports emanating from Parana depict wheat planting at 92 percent complete, and second-crop corn harvesting at 4 percent, by June 26. By comparison, corn was 29 percent harvested in Mato Grosso — Brazil's leading producer of second-crop corn – as of June 30, slightly ahead of last year's pace (26 percent). Seasonable dryness also favored harvesting of sugarcane and coffee in key southeastern production areas (Sao Paulo and Minas Gerais), which had experienced earlier periods of untimely wetness. Meanwhile, seasonal showers (10-50 mm, locally higher) boosted moisture for coffee, cocoa, and sugarcane along Brazil's northeastern coast. Weekly average temperatures were seasonable to above normal throughout Brazil, fostering rapid drydown of maturing row crops. Temperatures stayed well above freezing in traditionally cooler southern production areas, although nighttime lows fell below 10°C in coffee areas of southern Minas Gerais.

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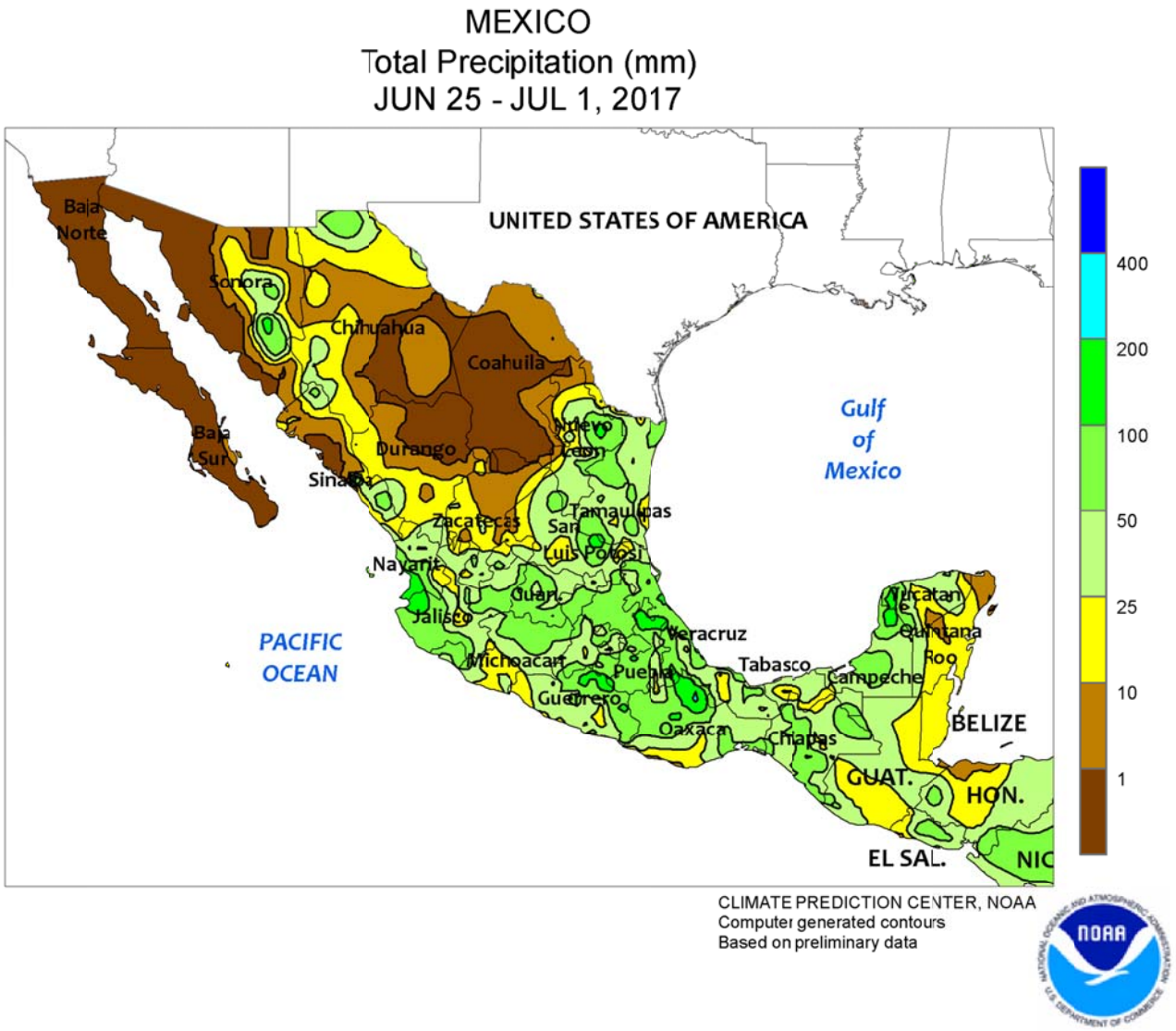

MEXICO

Following several weeks of sporadic rainfall, widespread, locally heavy showers overspread the southern plateau, providing a needed boost in moisture for summer corn. Rainfall totaled more than 50 mm across a large section of the region stretching from Jalisco to Puebla, with most locations recording at least 25 mm. The rainfall also helped to bring temperatures back down to seasonable levels, with daytime highs generally in the upper 20s and lower 30s (degrees C) across the region. Similar rainfall totals and temperatures were recorded along the southern Pacific Coast (Michoacan to Oaxaca) and other key southeastern farming areas. The increase in rainfall was particularly welcome in sugarcane areas in Veracruz, both the southern (in and around northern Oaxaca) and northern (neighboring San Luis Potosi and Tamaulipas) zones. Rainfall also intensified in northeastern Mexico (Tamaulipas and Nuevo Leon), providing a needed boost in moisture for reservoirs as well as for livestock, which has suffered recently from extreme summer warmth (daytime highs approaching 40°C). Similarly, showers returned to northwestern watersheds, which have been exposed to higher evaporative losses from the summer heat (highs reaching into the lower 40s).

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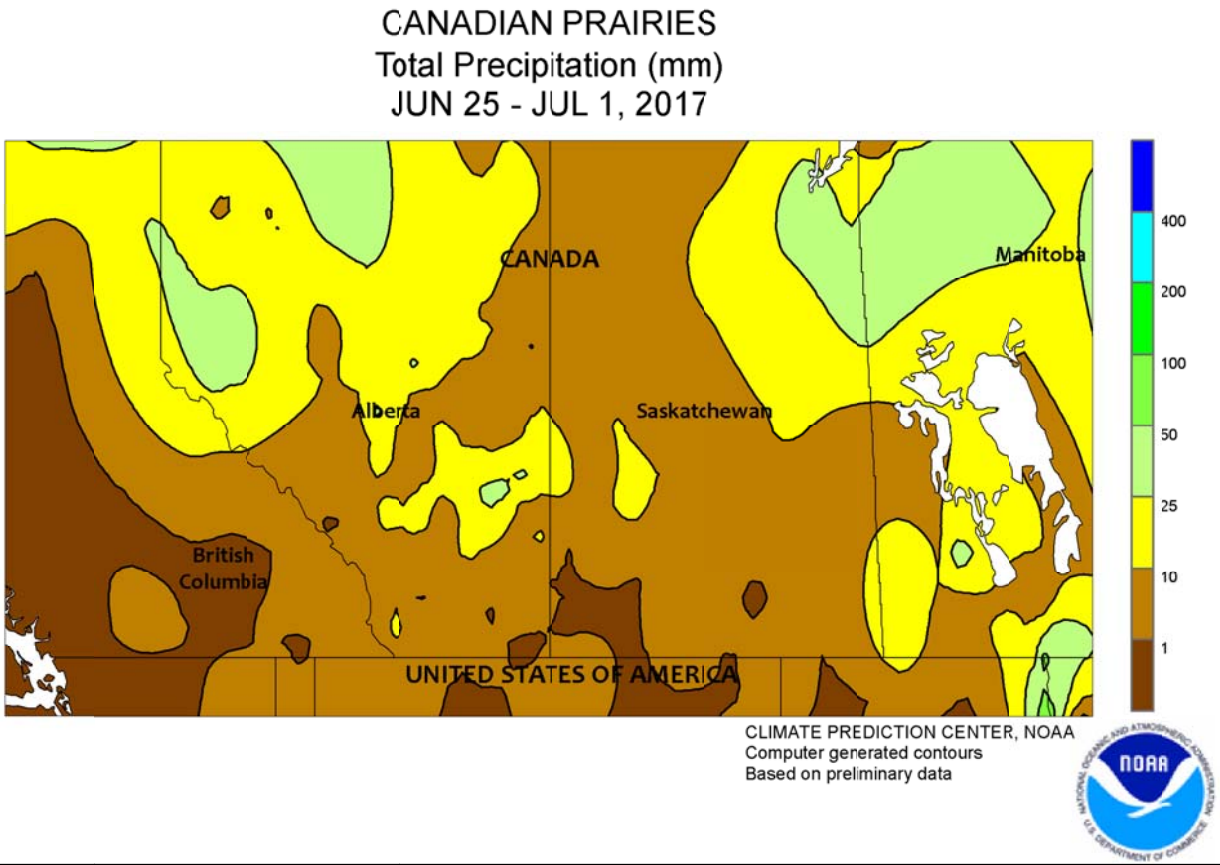

CANADIAN PRAIRIES

Unfavorably dry weather continued in southern agricultural districts, even as some more northerly and easterly production areas struggled with lingering wetness. The driest area continued to be southwestern Saskatchewan, which recorded little to no rain this week and has trended below normal since early May; this is reinforced by reports out of Canada as well as the Canadian Drought Monitor, where southern Saskatchewan and Manitoba have been abnormally dry, and a small area in Saskatchewan has been placed in moderate drought. Dry weather was also recorded this week in western sections of Alberta. In contrast to the southern dryness, light to moderate rain (10-40 mm, locally higher) continued across northern agricultural districts, hindering the final stages of spring planting, cutting hay, and treatments for pests and diseases. Reports emanating from Canada indicated the continuation of waterlogging in some fields which, at this late point in the growing season, would likely go unplanted with a major spring crop. Weekly temperatures averaged near to below normal across the region, with nighttime lows approaching 0°C in some of the colder parts of Alberta and Saskatchewan, however there were no reports of frost or freeze conditions in crop growing areas.

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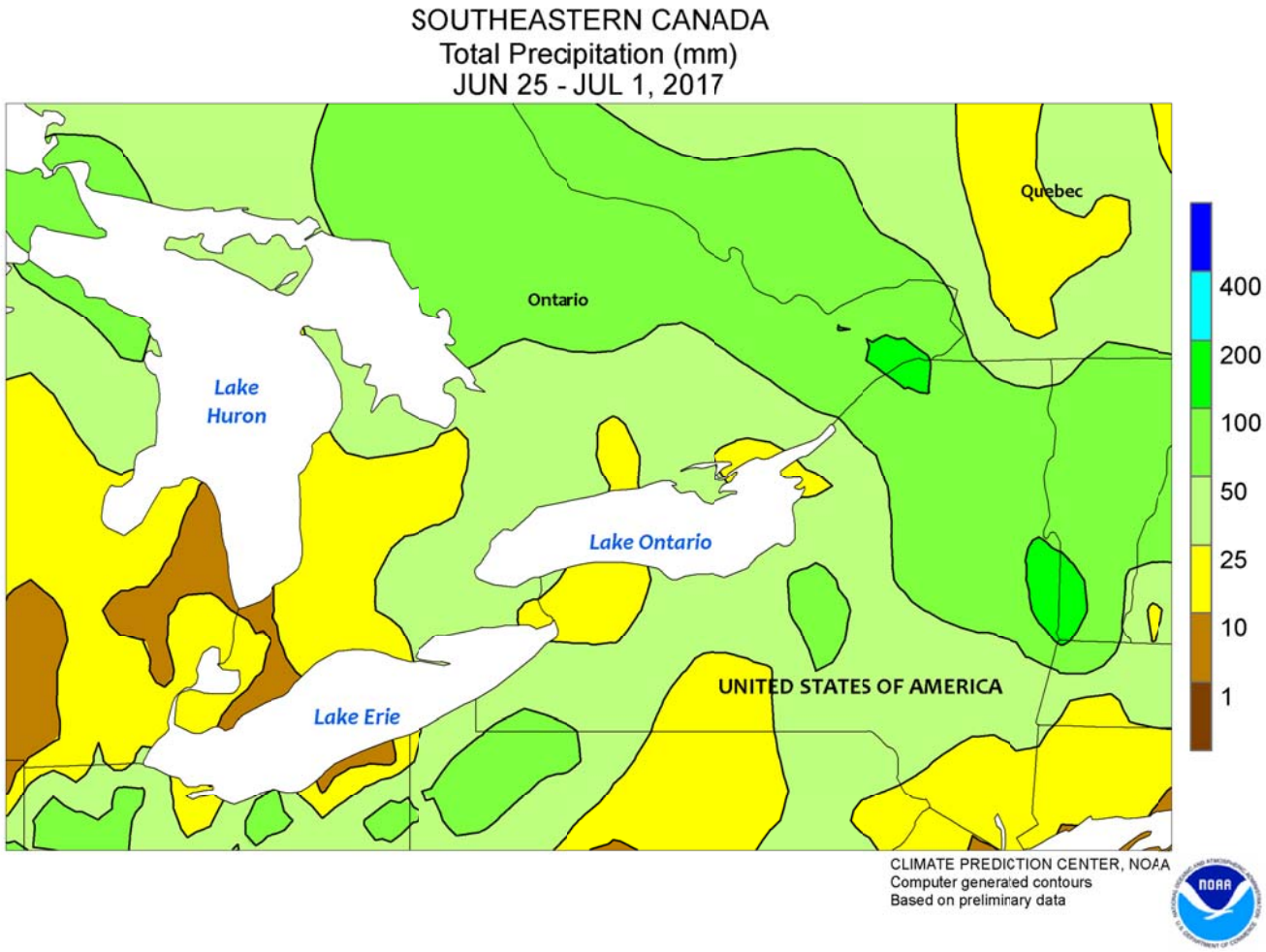

SOUTHEASTERN CANADA

Rainy weather has persisted, as soybean replanting continued due to the recent abundant precipitation. Rainfall totaled 10 to 40 mm across Ontario and Quebec, with higher amounts along the Ontario-Quebec border (50 to 100 mm). Rainfall provided well-above-normal amounts of moisture for agriculture; however, major growing areas saw near-normal rainfall and avoided the heaviest precipitation. Above-normal rainfall since early May has continued to disrupt crop planting (now replanting) and treatments for diseases and pests. Slightly below-normal temperatures (1-3 degrees C) were coupled with wet weather, as daytime highs reached the upper 20s (degrees C) for much of the week, and isolated areas in southern Ontario exceeded 30°C. Overnight lows continued to drop into the low teens, with only a few places recording single digit nighttime low temperatures.

For additional information contact: mbrusberg@oce.usda.gov

U.S. Acreage Highlights

The following information was released by USDA's Agricultural Statistics Board on June 30, 2017.

Corn planted area for all purposes in 2017 is estimated at 90.9 million acres, down 3 percent from last year. Compared with last year, planted acres are down or unchanged in 38 of the 48 estimating states. Area harvested for grain, at 83.5 million acres, is down 4 percent from last year.

Soybean planted area for 2017 is estimated at a record-high 89.5 million acres, up 7 percent from last year. Compared with last year, planted acreage intentions are up or unchanged in 24 of the 31 estimating states.

All wheat planted area for 2017 is estimated at 45.7 million acres, down 9 percent from 2016. This represents the lowest all wheat planted area since records began in 1919.

The 2017 winter wheat planted area, at 32.8 million acres, is down 9 percent from last year but up less than 1 percent from the previous estimate. Of this total, about 23.8 million acres are Hard Red Winter, 5.61 million acres are Soft Red Winter, and 3.42 million acres are White Winter.

Area planted to other spring wheat for 2017 is estimated at 10.9 million acres, down 6 percent from 2016. Of this total, about 10.3 million acres are Hard Red Spring wheat.

Durum planted area for 2017 is estimated at 1.92 million acres, down 20 percent from the previous year.

All cotton planted area for 2017 is estimated at 12.1 million acres, 20 percent above last year. Upland area is estimated at 11.8 million acres, up 19 percent from 2016. American Pima area is estimated at 252,000 acres, up 30 percent from 2016.

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