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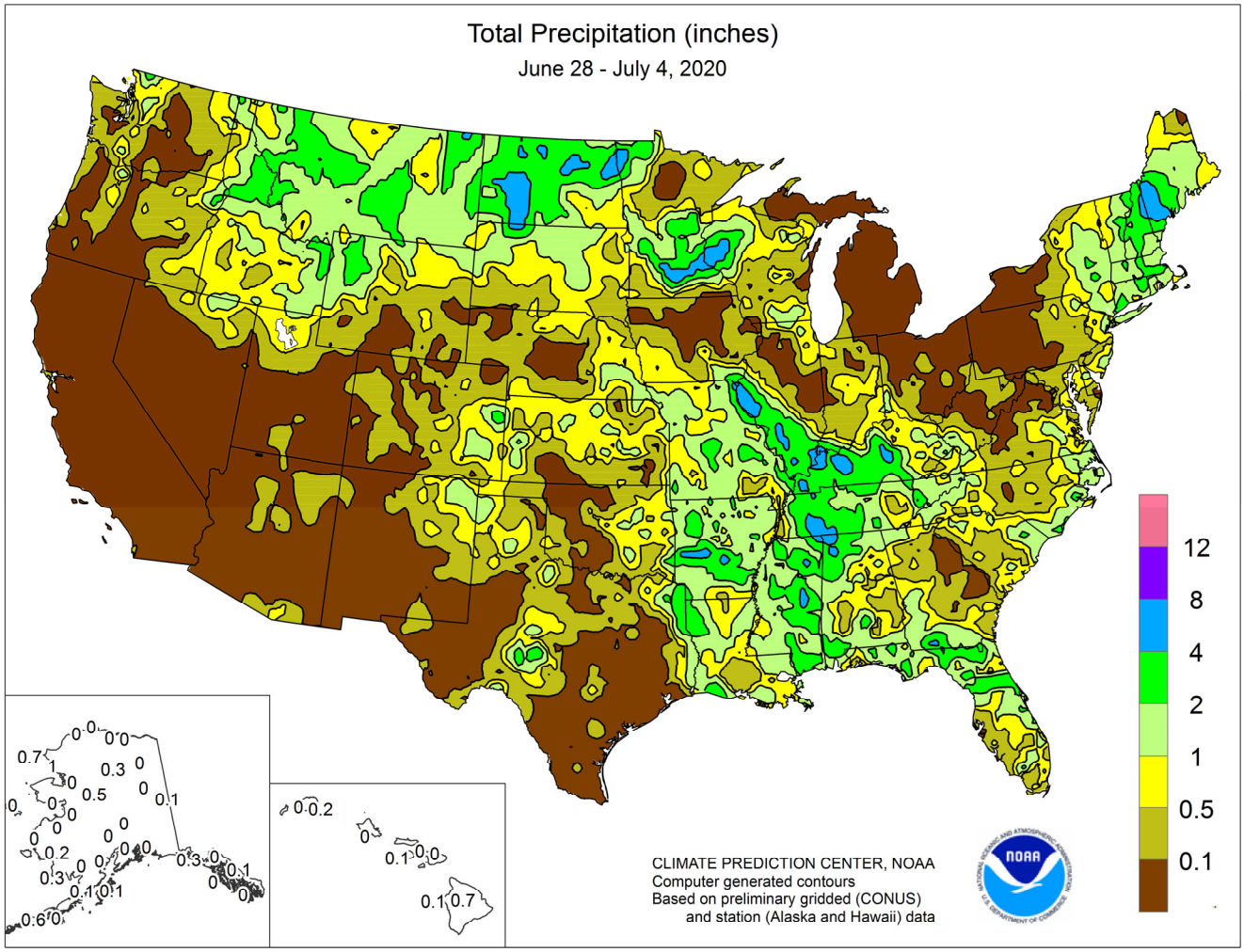
WEEKLY WEATHER AND CROP BULLETIN

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 28 – July 4, 2020

Highlights provided by USDA/WAOB

Very warm, mostly dry weather sharply reduced topsoil moisture in the **lower Great Lakes region**, while rain provided some drought relief in **New England**. Farther west, heavy showers dotted the **upper Midwest** and **northern sections of the Rockies and Plains**, generally benefiting spring-sown crops but causing local flooding. Another area of significant rainfall affected the **middle and lower Mississippi Valley** and environs, maintaining mostly favorable conditions for summer crops such as rice

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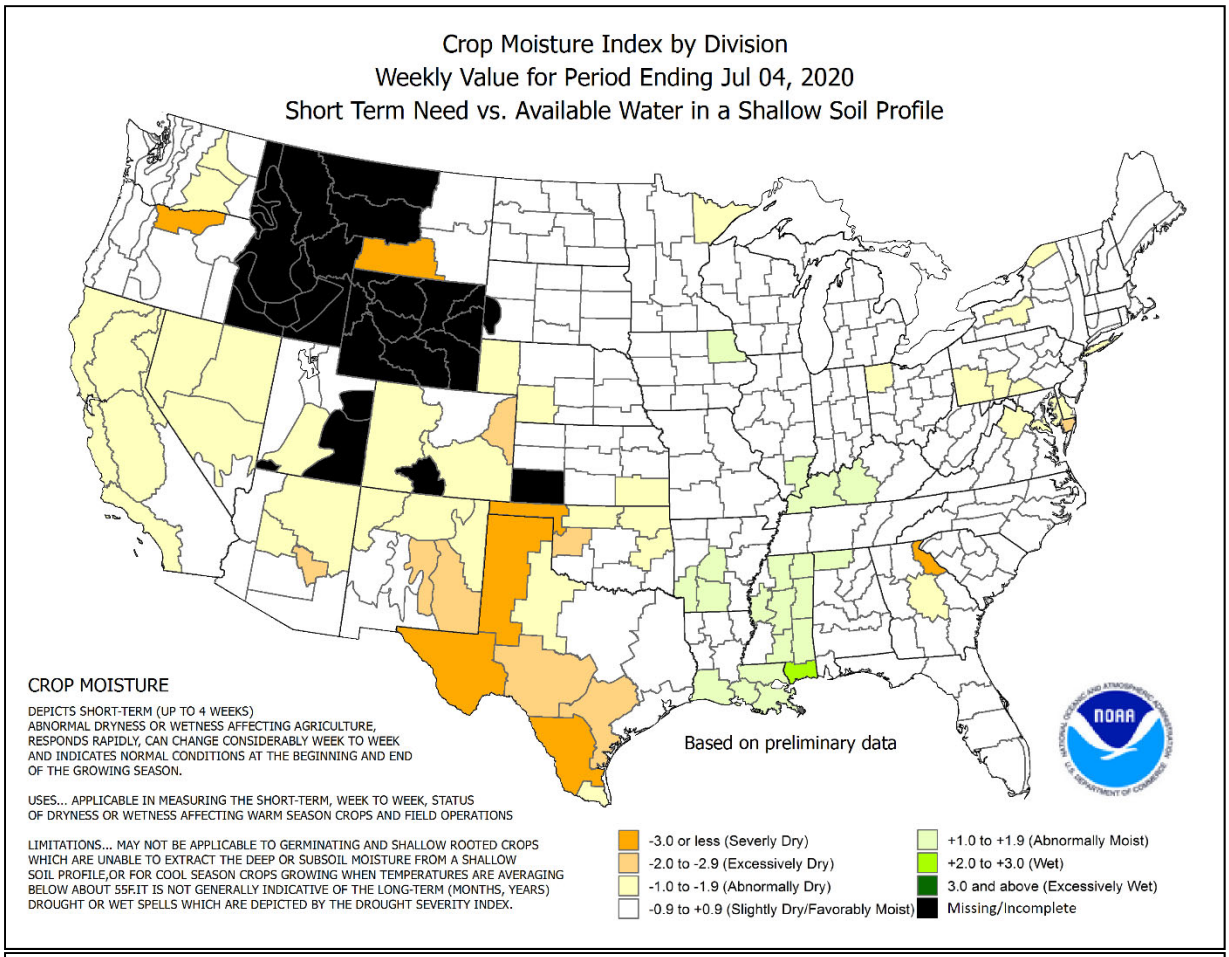
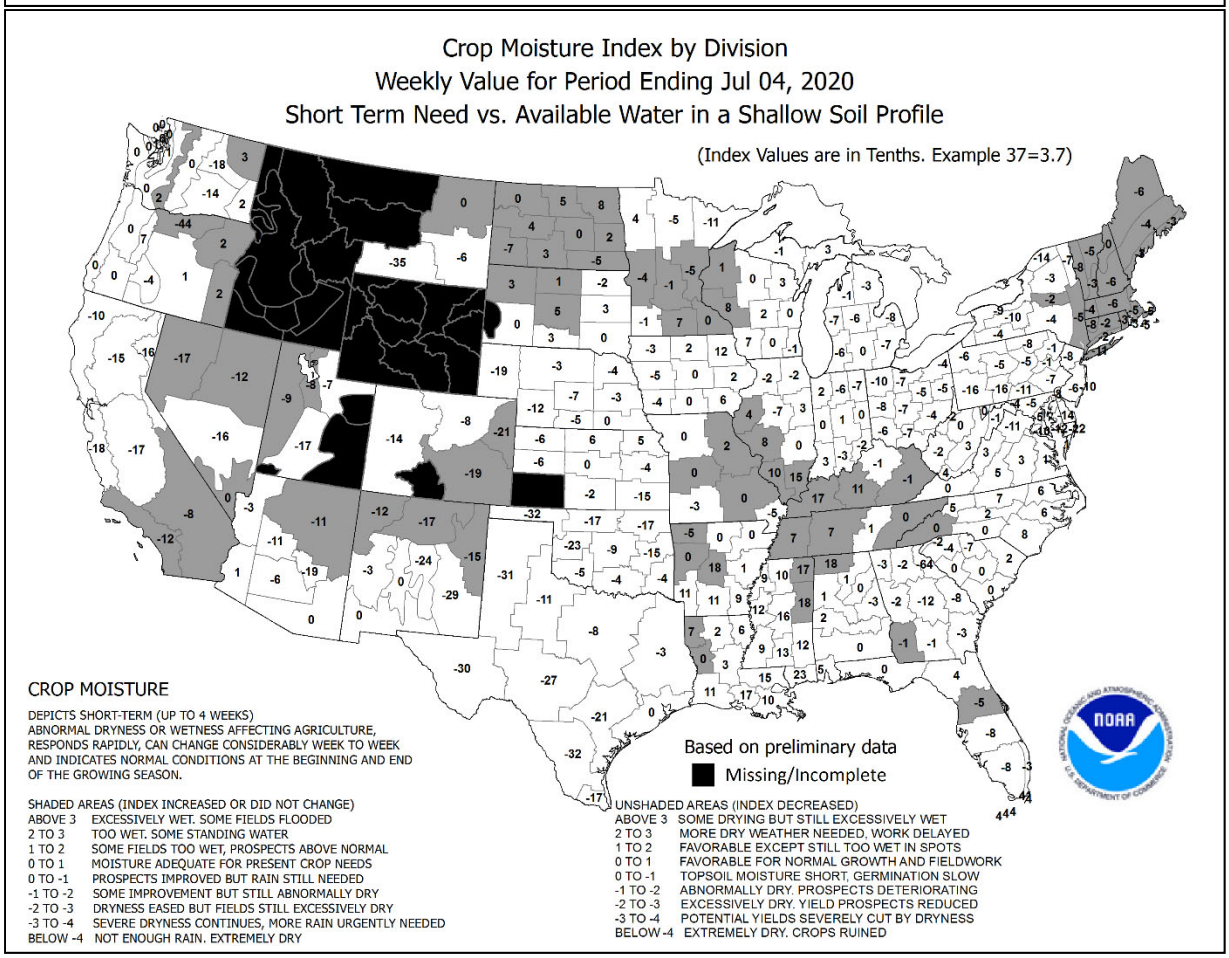
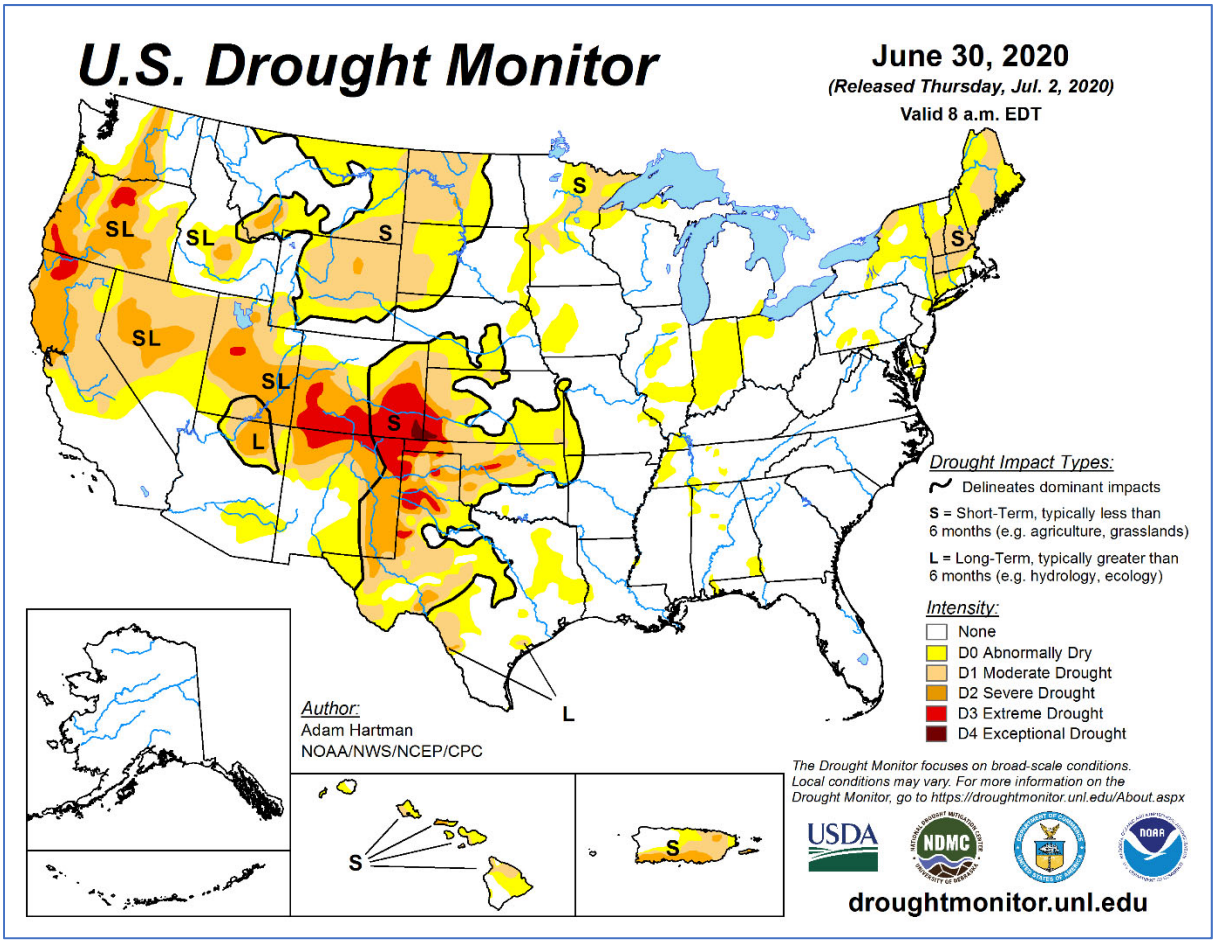
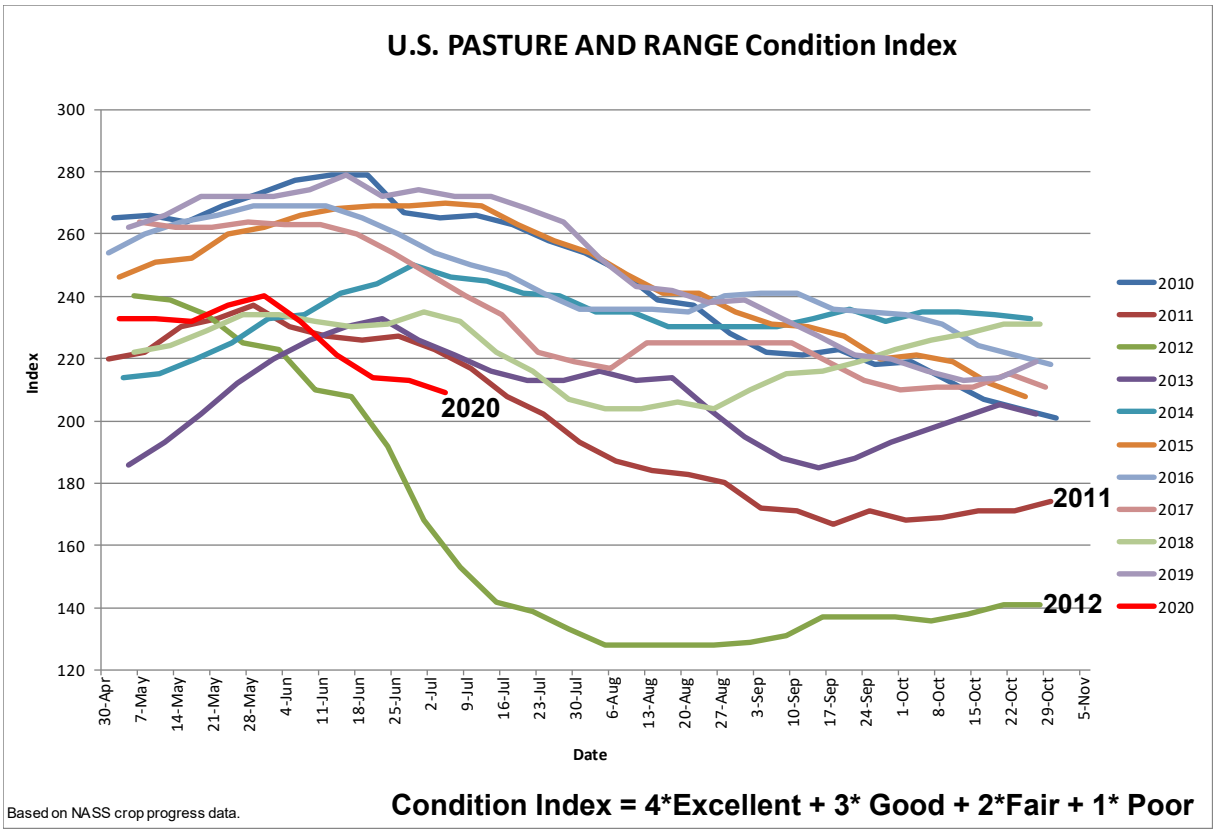
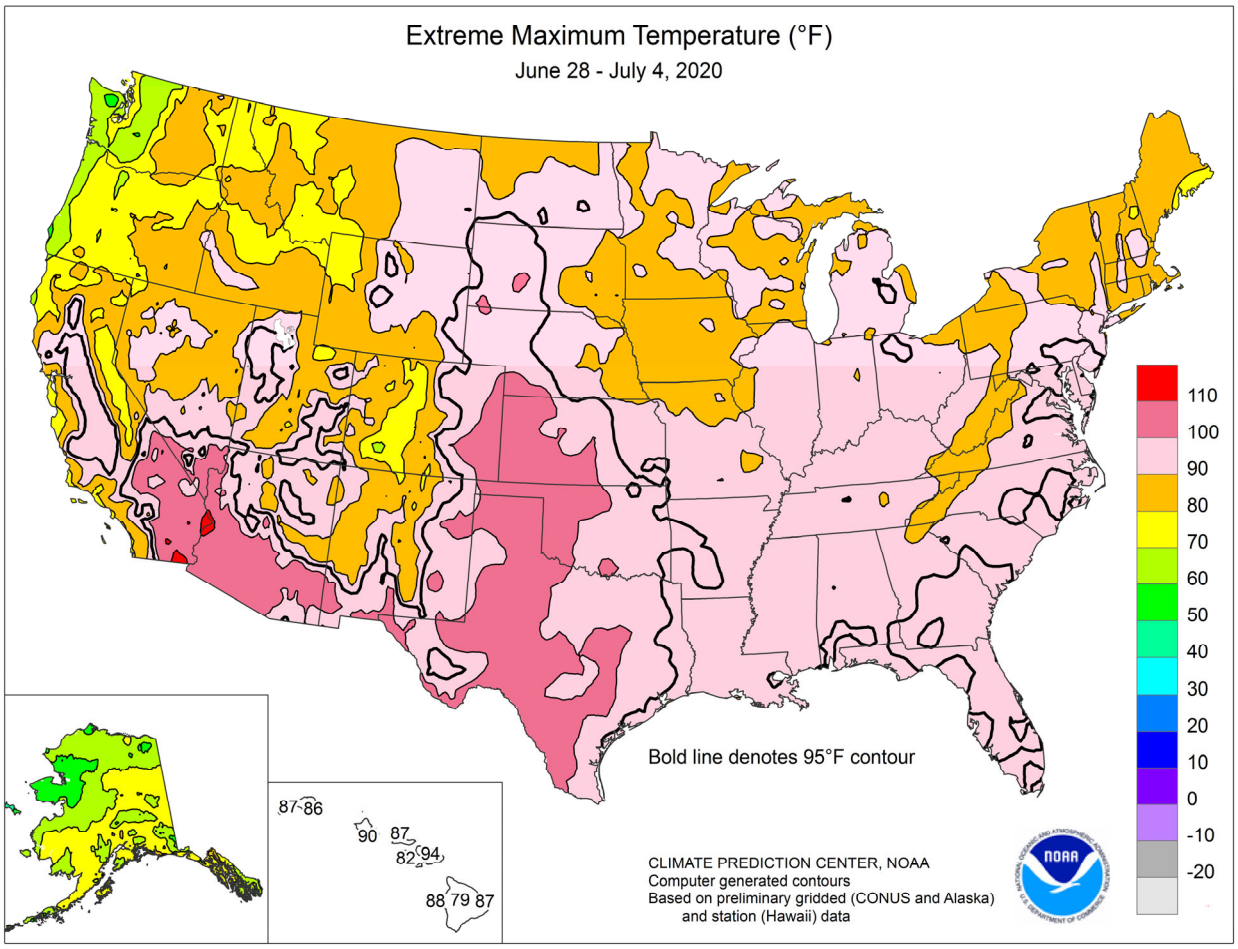

Crop Moisture Index by Division
Weekly Value for Period Ending Jul 04, 2020
Short Term Need vs. Available Water in a Shallow Soil Profile
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES 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)
Missing/Incomplete
NOAA

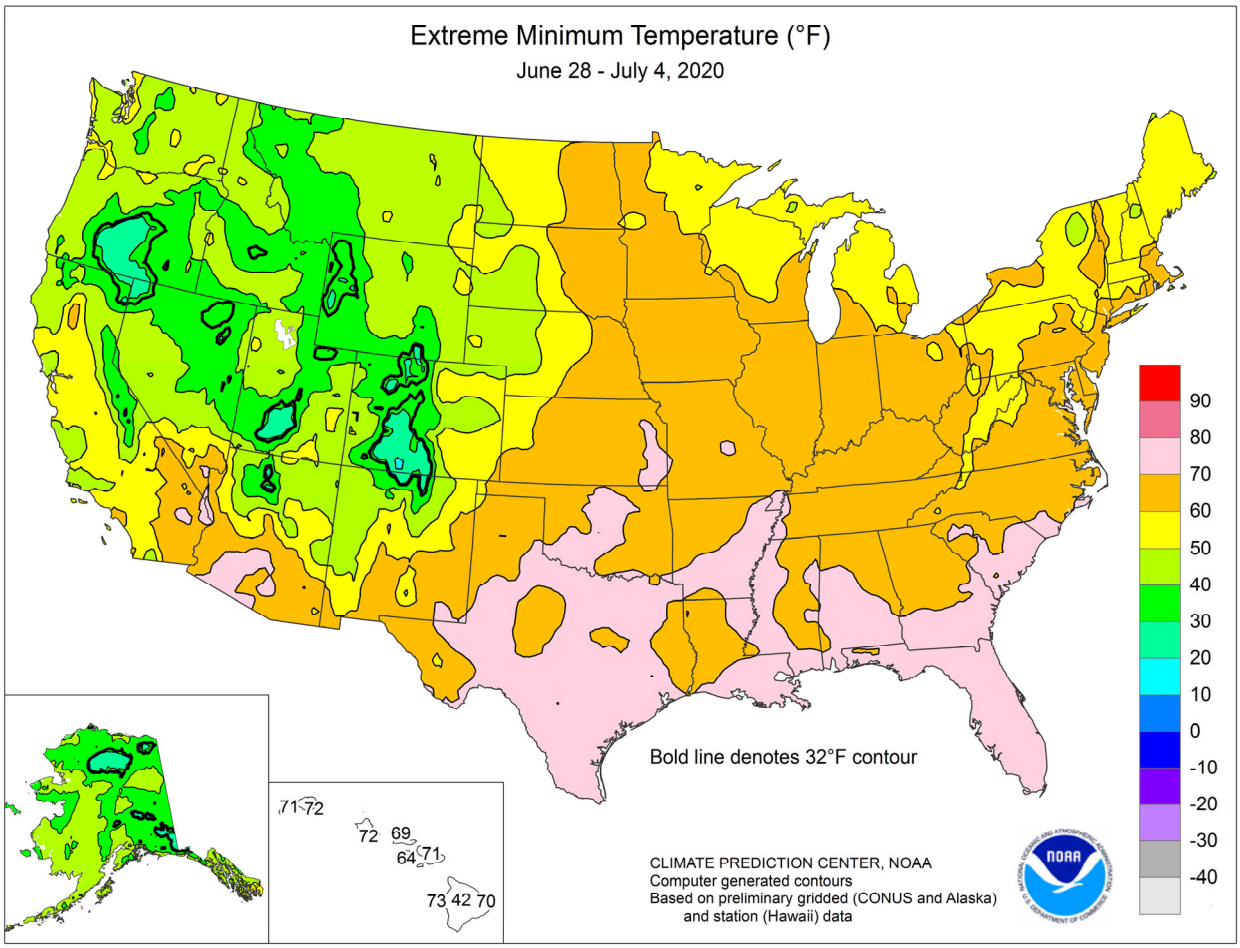

Crop Moisture Index by Division
Weekly Value for Period Ending Jul 04, 2020
Short Term Need vs. Available Water in a Shallow Soil Profile
(Index Values are in Tenths. Example 37=3.7)
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, 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
Missing/Incomplete
NOAA





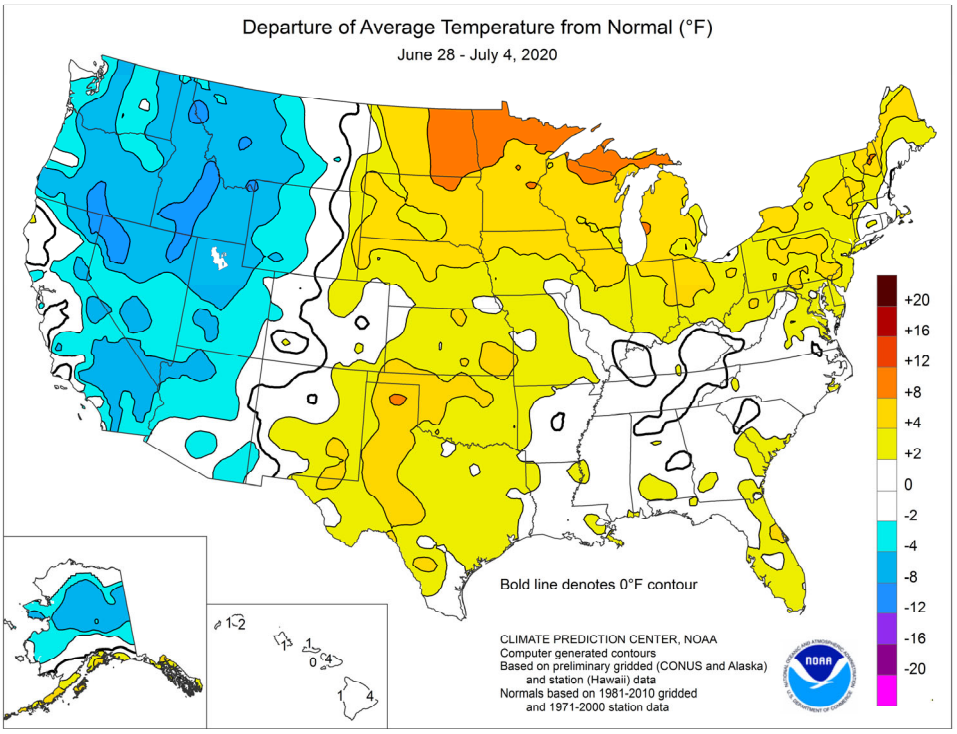
Currently, U.S. rangeland and pasture conditions are at the lowest level for this time of year since 2012, when drought engulfed nearly two-thirds of the country. This year, drought has recently expanded to cover more than one-quarter of the Lower 48 States, with the greatest rangeland stress occurring from the Pacific Coast States to the central and southern High Plains.


Extreme Maximum Temperature (°F)
June 28 - July 4, 2020
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95°F contour
87 86
90 87
82 94
88 79 87
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data


Extreme Minimum Temperature (°F)
June 28 - July 4, 2020
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32°F contour
71 72
72 69
64 71
73 42 70
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data

(Continued from front cover)

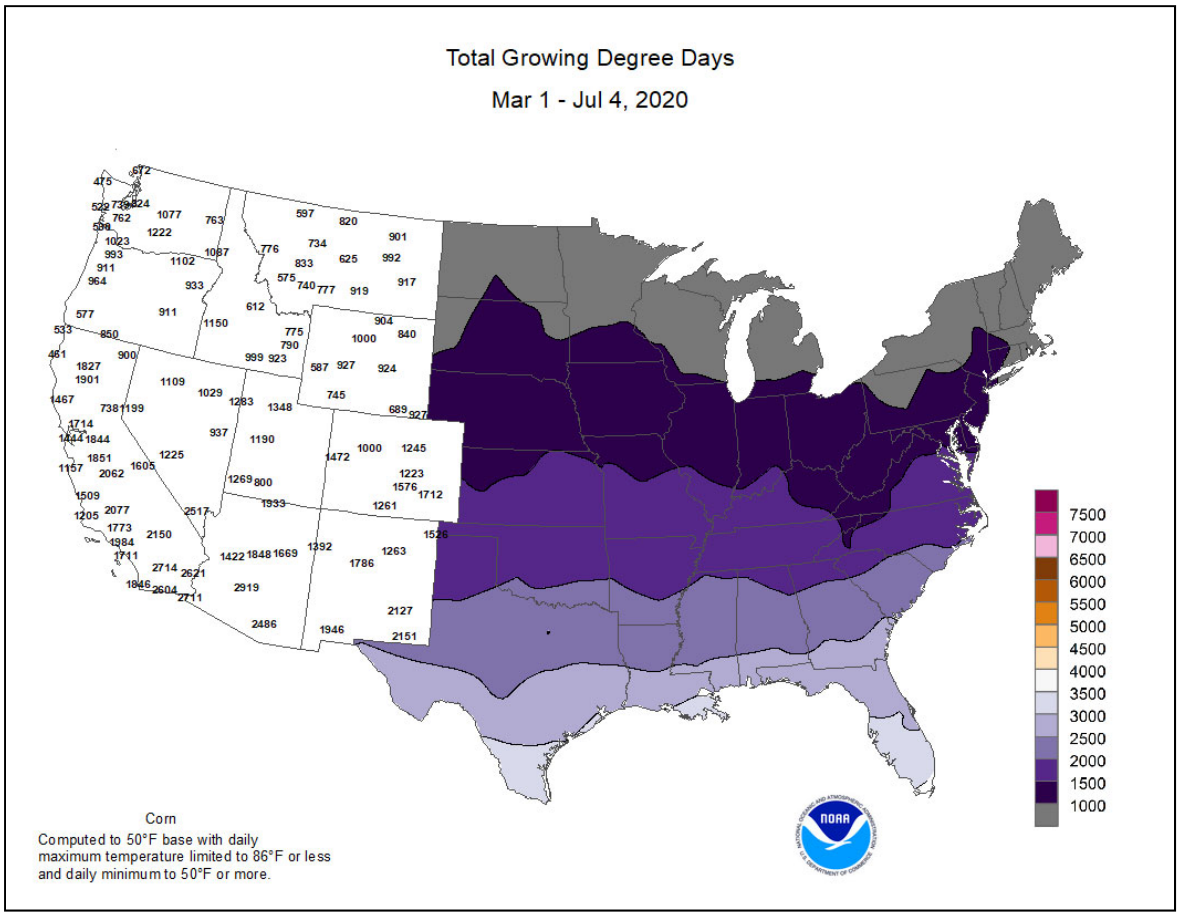
and peanuts. In contrast, patchy showers across the **central and southern Plains** were mostly insufficient to prevent stress on rangeland, pastures, and rain-fed summer crops, amid building heat. Elsewhere, mostly dry weather stretched from **California into the Southwest**, as rainfall associated with the monsoon circulation remained well to the south, over **Mexico**. Despite dry weather covering much of the **West**, cooler-than-normal conditions prevailed. Large sections of the **interior West** reported weekly temperatures averaging 5 to 10°F below normal. In contrast, near- or above-normal temperatures dominated the **central and eastern U.S.** Temperatures averaged 5 to 10°F above normal from the **Dakotas into the upper Great Lakes region** and were also at least 5°F above normal across portions of the **southern Plains** and the **Northeast**.

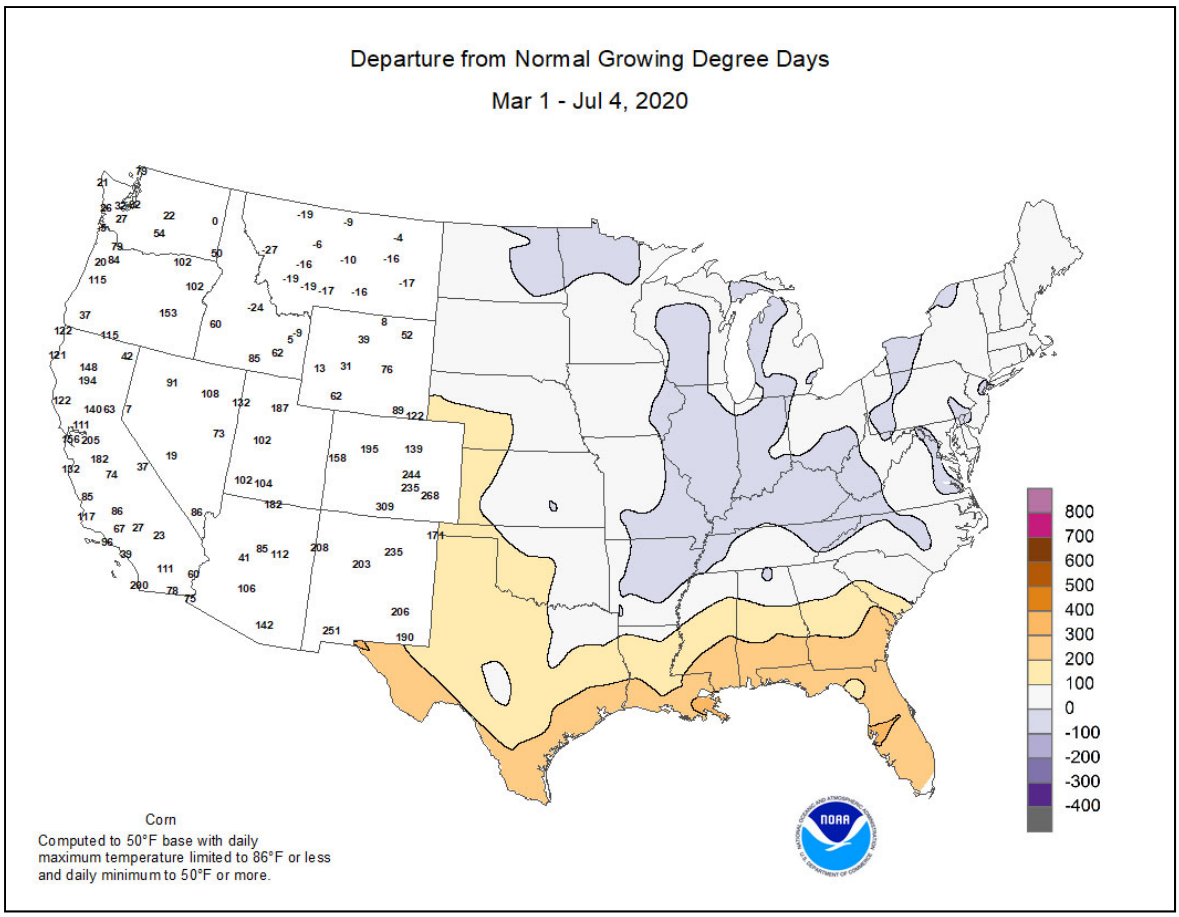


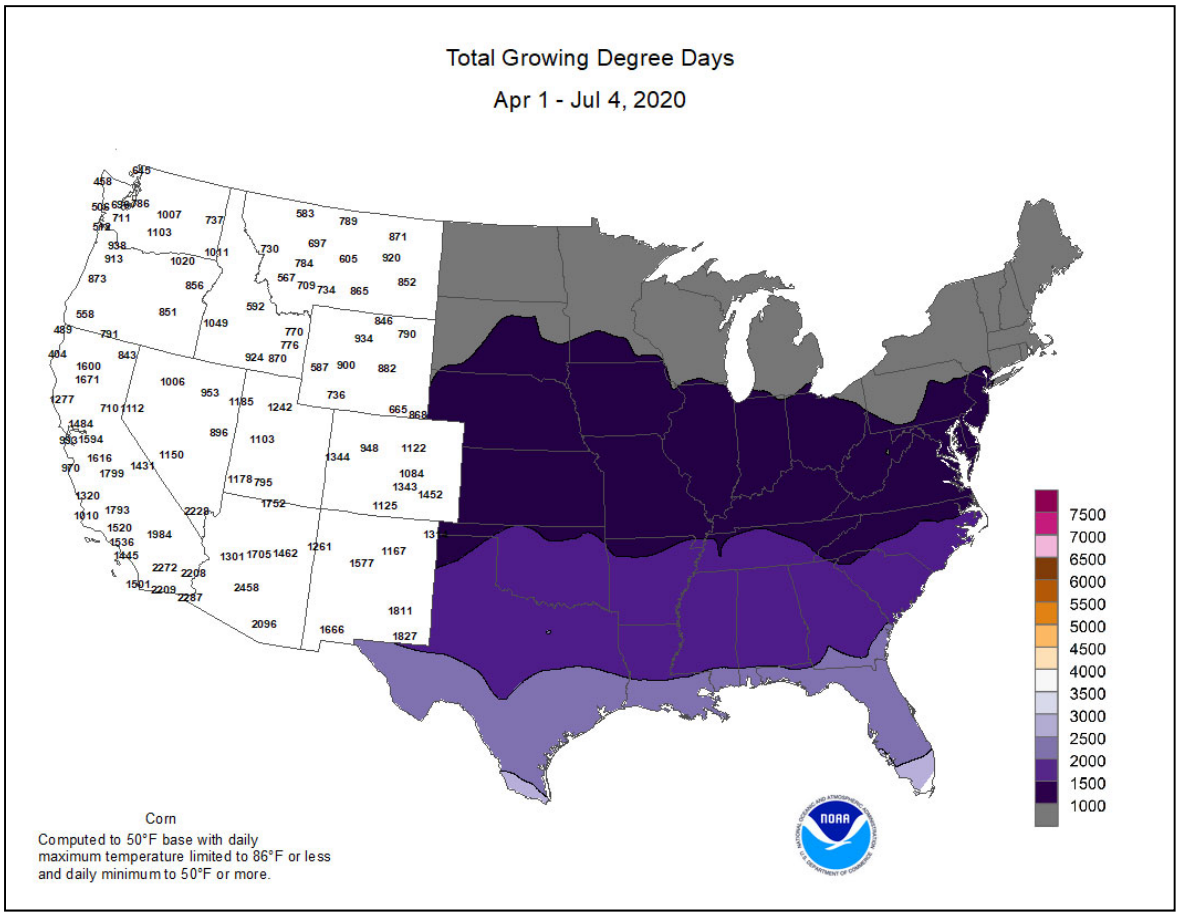
Early in the week, cooler air swept into the **West** on gusty winds. On June 28, a wind gust to 55 mph was reported at the **Mojave Airport** in **California**. Subsequently, daily-record lows for June 29 were noted in **Utah** locations such as **Tooele** (42°F) and **Spanish Fork** (45°F). A few days later, on July 2, additional record lows in **Utah** included 32°F at the **Bryce Canyon Airport** and 38°F in **Altamont**. Meanwhile in **Colorado**, Alamosa set a monthly record with a low of 28°F on July 1 (previously, 30°F on July 2, 1997). In contrast, heat returned across the **nation's mid-section**. In **Texas**, daily-record highs soared to 107°F in **Borger** (on June 29) and **Childress** (on June 30). Another area of unusual heat developed across the **Great Lakes region**, where **Muskegon, MI**, posted a daily-record high (92°F) for June 30. In **Duluth, MN**, consecutive daily-record highs (93°F both days) occurred on July 2-3. Similarly, **International Falls, MN**, logged a pair of daily-record highs (92 and 90°F, respectively) on July 3-4. Elsewhere, hot, humid weather prevailed in **Florida**. During the 12-day span from June 22 – July 3, minimum temperatures in **Key West, FL**, ranged from 84 to 86°F, tying or breaking a daily record each time. Elsewhere in **Florida**, **Miami** attained 98°F on the 30th, tying a June record most recently achieved on June 24, 2019.

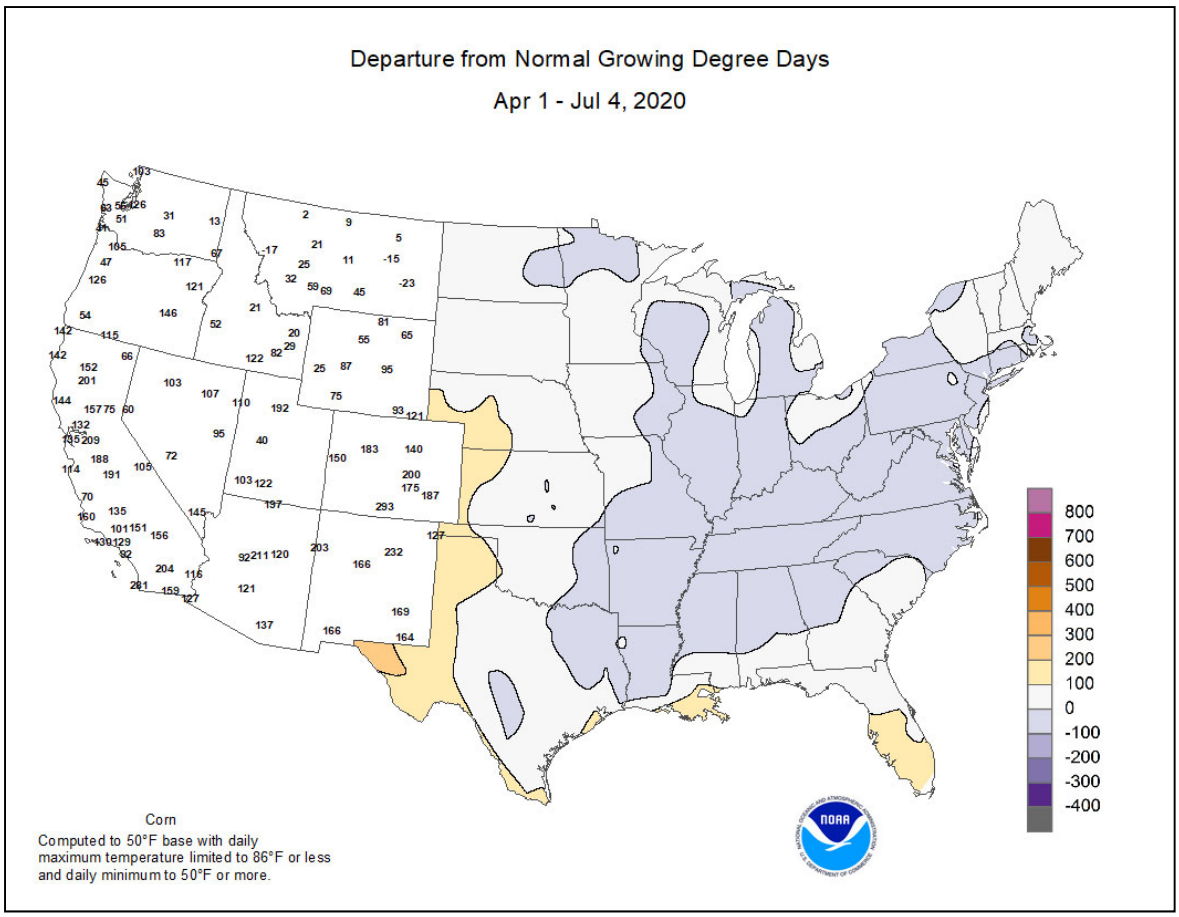
Parts of **Florida** also received heavy rain. Daily-record totals in **Florida** included 2.13 inches (on July 4) in **Melbourne** and 1.74 inches (on July 3) in **Vero Beach**. Along the **Gulf Coast of Florida**, however, June ended with 16 consecutive days with no measurable rain in **Saint Petersburg (Albert Whitted Airport)**; the previous rainy-season (June-September) record of 14 days was set from September 8-21, 2005. Records were also set in **Brooksville** (15 days without measurable rain from June 15-29) and **Saint Petersburg-Clearwater** (17 days from June 14-30); previous records in both locations had also been set in September 2005. Farther north, heavy showers dampened portions of the **middle and northern Atlantic States**. On July 1, for example, daily-record totals included 3.77 inches in **New Bern, NC**, and 1.95 inches in **Atlantic City, NJ**. Meanwhile in the **Mississippi Valley**, record-setting amounts for June 30 reached 2.22 inches in **Quincy, IL**, and 2.03 inches in **Paducah, KY**. **Quincy's** 4-day (June 28 – July 1) rainfall totaled 6.58 inches, with at least an inch falling each day. However, some of the week's most impressive rainfall developed across **northern sections of the Rockies and Plains**. In **Idaho**, record-setting amounts for June 28 included 0.94 inch in **Idaho Falls** and 0.54 inch in **Lewiston**. On the 29th in **Montana**, **Great Falls**—with a total of 2.05 inches—reported its wettest day since October 3, 2015, and wettest June day since June 2, 2005. The 30th was the wettest June day on record in **Grand Forks, ND**, with the 4.26-inch total tying June 9, 2002.

In late June and early July, near- or below-normal temperatures dominated the **Alaskan mainland**, while mild weather covered the **state's southern tier**. For the first time since 2011, **Anchorage** completed a June without a high temperature of 70°F or greater; the month's highest reading was 68°F on June 10 and 18. In contrast, **Juneau** posted consecutive daily-record highs (78 and 83°F, respectively) on July 1-2. **Sitka** also tallied a daily-record high of 83°F on July 2. Meanwhile, June featured highly variable precipitation across **Alaska**, ranging from just under 50 percent of normal in **King Salmon** (0.82 inch) to at least 200 percent of normal in **Juneau** (7.30 inches), **Delta Junction** (5.07 inches), **Fairbanks** (3.09 inches), and **McGrath** (3.04 inches). Farther south, in **Hawaii**, June ended as a warmer- and drier-than-normal month. On **Maui**, **Kahului's** streak without measurable rain stretched to 57 days (May 9 – July 4). **Kahului** also tallied a trio of daily-record highs (94, 93, and 92°F) from June 29 – July 1. Meanwhile on the **Big Island**, **Hilo's** June rainfall of 4.46 inches was just 61 percent of normal.


Total Growing Degree Days
Mar 1 - Jul 4, 2020
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 4, 2020
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 4, 2020
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 4, 2020
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 4, 2020

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	91	74	94	70	82	2	0.69	-0.45	0.69	4.73	93	28.79	146	89	51	6	0	1	1
	HUNTSVILLE	89	70	94	68	80	0	1.85	0.82	0.85	4.61	94	27.06	138	96	58	4	0	4	2
	MOBILE	91	72	93	69	81	0	1.36	-0.22	0.96	11.13	159	21.28	92	100	59	6	0	4	1
	MONTGOMERY	91	73	94	72	82	1	1.15	-0.08	0.75	6.85	143	21.57	118	94	58	6	0	4	1
AK	ANCHORAGE	68	51	77	48	60	2	0.14	-0.14	0.14	0.69	59	4.17	139	85	44	0	0	1	0
	BARROW	46	35	53	30	40	0	0.00	-0.14	0.00	0.19	43	1.96	204	91	71	0	1	0	0
	FAIRBANKS	67	47	76	40	57	-7	0.24	-0.19	0.17	3.16	194	4.91	170	87	41	0	0	3	0
	JUNEAU	69	50	83	44	59	3	0.48	-0.37	0.33	7.53	202	17.69	128	88	50	0	0	2	0
	KODIAK	67	51	74	44	59	6	0.11	-1.04	0.11	5.48	83	12.68	53	83	53	0	0	1	0
	NOME	50	43	54	38	46	-5	1.30	1.00	0.65	1.97	166	7.21	205	97	81	0	0	5	1
AZ	FLAGSTAFF	76	45	84	35	61	-4	0.22	0.00	0.22	0.22	39	5.73	128	62	21	0	0	1	0
	PHOENIX	104	81	110	76	92	-2	0.00	-0.08	0.00	0.00	0	2.06	135	30	13	7	0	0	0
	PRESCOTT	84	57	92	49	71	-4	0.01	-0.22	0.01	0.01	2	4.04	151	49	18	1	0	1	0
	TUCSON	99	73	106	69	86	-1	0.06	-0.14	0.06	0.11	29	0.90	52	53	14	7	0	1	0
AR	FORT SMITH	94	73	99	69	84	3	0.47	-0.41	0.36	1.14	23	19.98	108	90	51	6	0	2	0
	LITTLE ROCK	89	72	94	70	80	-1	2.10	1.32	1.47	6.85	168	24.37	129	96	61	5	0	3	1
CA	BAKERSFIELD	94	66	97	60	80	-2	0.00	0.00	0.00	0.02	20	4.48	217	42	16	6	0	0	0
	EUREKA	67	51	69	47	59	2	0.00	-0.07	0.00	0.47	58	8.28	74	80	65	0	0	0	0
	FRESNO	94	65	99	59	80	-1	0.00	0.00	0.00	0.00	0	4.00	107	56	16	6	0	0	0
	LOS ANGELES	71	62	75	61	67	-1	0.00	0.00	0.00	0.00	0	6.98	240	83	62	0	0	0	0
	REDDING	93	66	98	62	80	0	0.00	-0.04	0.00	0.00	0	11.20	119	53	14	6	0	0	0
	SACRAMENTO	90	58	97	55	74	0	0.00	0.00	0.00	0.00	0	3.58	74	77	20	3	0	0	0
	SAN DIEGO	73	64	76	62	68	0	0.08	0.08	0.08	0.15	176	6.12	216	84	60	0	0	1	0
	SAN FRANCISCO	72	55	77	53	64	0	0.00	0.00	0.00	0.00	0	3.02	61	84	46	0	0	0	0
	STOCKTON	92	59	98	57	75	0	0.00	0.00	0.00	0.00	0	3.18	83	70	19	5	0	0	0
CO	ALAMOSA	83	42	87	28	63	-1	0.00	-0.16	0.00	0.17	27	0.71	30	59	11	0	1	0	0
	CO SPRINGS	89	57	95	50	73	3	0.63	0.13	0.53	1.42	51	4.43	61	66	15	3	0	2	1
	DENVER INTL	92	59	97	52	75	3	0.08	-0.31	0.08	0.83	37	4.31	61	62	15	5	0	1	0
	GRAND JUNCTION	91	59	96	47	74	-2	0.08	-0.03	0.08	0.56	102	2.41	72	44	11	4	0	1	0
	PUEBLO	95	58	100	54	77	2	0.16	-0.21	0.16	0.85	53	1.59	29	66	12	7	0	1	0
CT	BRIDGEPORT	82	66	87	64	74	2	5.61	4.98	3.99	7.13	180	17.60	110	93	60	0	0	5	3
	HARTFORD	85	61	92	58	73	1	0.55	-0.26	0.43	1.38	28	12.96	78	96	49	1	0	3	0
DC	WASHINGTON	92	75	97	72	84	5	0.12	-0.76	0.12	3.65	85	14.97	101	78	40	7	0	1	0
DE	WILMINGTON	91	67	97	64	79	3	0.06	-0.90	0.03	3.35	75	13.52	85	90	41	4	0	2	0
FL	DAYTONA BEACH	92	73	96	72	83	2	1.54	0.22	0.73	5.90	89	12.99	80	100	59	4	0	6	1
	JACKSONVILLE	93	72	96	70	83	1	1.15	-0.40	0.36	10.52	144	19.89	121	97	53	6	0	5	0
	KEY WEST	91	84	92	83	87	3	0.12	-0.78	0.12	7.70	166	12.72	108	74	59	7	0	1	0
	MIAMI	95	80	98	76	88	4	1.40	-0.63	1.16	7.75	72	29.57	133	81	48	7	0	2	1
	ORLANDO	94	76	97	74	85	3	1.57	-0.11	0.73	11.89	139	18.23	99	93	49	7	0	4	1
	PENSACOLA	91	76	94	74	84	2	0.26	-1.42	0.24	7.40	98	13.64	62	89	58	7	0	2	0
	TALLAHASSEE	92	73	97	72	83	1	1.09	-0.64	0.85	9.99	115	20.49	97	95	53	6	0	4	1
	TAMPA	93	81	95	80	87	4	0.12	-1.75	0.12	6.47	83	12.93	87	74	49	7	0	1	0
	WEST PALM BEACH	94	78	96	77	86	4	0.31	-1.39	0.27	5.15	56	17.48	79	87	52	7	0	3	0
GA	ATHENS	93	71	95	69	82	2	0.00	-1.04	0.00	2.70	56	16.56	108	87	44	6	0	0	0
	ATLANTA	90	72	93	69	81	2	0.26	-0.94	0.16	2.86	61	20.03	121	88	49	5	0	4	0
	AUGUSTA	96	72	97	70	84	3	0.01	-0.96	0.01	2.38	45	19.73	132	94	41	7	0	1	0
	COLUMBUS	92	72	94	71	82	0	0.37	-0.65	0.35	4.85	112	21.53	130	92	51	6	0	3	0
	MACON	95	70	97	69	83	1	0.35	-0.71	0.24	2.47	52	21.80	146	93	45	6	0	2	0
	SAVANNAH	95	75	99	73	85	3	0.14	-1.11	0.14	4.81	72	21.15	129	92	46	7	0	1	0
HI	HILO	86	72	87	70	79	4	0.34	-1.70	0.12	4.90	57	44.61	107	85	53	0	0	5	0
	HONOLULU	89	74	90	72	82	1	0.19	0.11	0.19	0.29	81	7.30	200	79	46	1	0	1	0
	KAHULUI	91	74	94	71	83	4	0.00	-0.09	0.00	0.00	0	5.18	102	77	44	6	0	0	0
	LIHUE	85	75	86	72	80	2	0.25	-0.14	0.24	1.29	70	20.91	194	88	63	0	0	2	0
ID	BOISE	77	53	91	49	65	-7	0.29	0.19	0.17	2.89	380	7.02	147	76	27	1	0	2	0
	LEWISTON	75	56	85	54	65	-5	1.07	0.85	0.43	2.32	169	6.91	126	78	34	0	0	3	0
	POCATELLO	75	48	90	44	62	-5	0.72	0.58	0.48	1.78	165	6.31	127	85	33	1	0	3	0
IL	CHICAGO/O_HARE	90	71	93	69	80	7	0.30	-0.41	0.30	3.54	92	20.22	152	88	47	4	0	1	0
	MOLINE	89	69	93	65	79	4	0.01	-1.05	0.01	4.31	84	14.14	89	91	53	4	0	1	0
	PEORIA	89	70	93	67	79	4	0.12	-0.70	0.12	1.22	30	14.59	99	90	50	4	0	1	0
	ROCKFORD	90	68	93	66	79	6	0.15	-0.74	0.12	3.81	73	15.05	101	88	47	5	0	2	0
	SPRINGFIELD	86	70	91	68	78	3	1.10	0.17	0.73	2.82	56	17.04	110	94	58	2	0	3	1
IN	EVANSVILLE	88	70	94	69	79	1	3.38	2.53	1.15	7.11	165	24.25	132	92	56	4	0	3	3
	FORT WAYNE	91	67	94	62	79	5	0.09	-0.78	0.09	2.00	42	11.38	75	89	42	5	0	1	0
	INDIANAPOLIS	89	70	92	69	80	4	1.37	0.31	0.79	4.59	93	18.30	105	89	50	3	0	4	1
	SOUTH BEND	90	68	92	64	79	6	0.18	-0.61	0.09	8.09	190	19.18	140	91	48	3	0	2	0
IA	BURLINGTON	86	71	90	67	78	1	1.06	0.07	0.97	6.98	138	15.29	92	95	60	1	0	3	1
	CEDAR RAPIDS	85	58	88	0	72	-1	0.45	-0.68	0.45	6.49	117	13.14	88	98	63	0	1	1	0
	DES MOINES	86	71	90	68	79	3	0.07	-1.04	0.06	5.27	94	16.28	98	91	56	1	0	2	0
	DUBUQUE	87	68	89	64	78	6	0.00	-0.94	0.00	4.34	87	14.53	95	98	59	0	0	0	0
	SIOUX CITY	88	69	90	63	79	5	0.22	-0.58	0.17	1.76	40	8.10	62	93	57	3	0	2	0
	WATERLOO	89	70	92	67	80	6	0.02	-1.19	0.02	9.43	166	19.30	120	89	52	4	0	1	0
KS	CONCORDIA	93	72	98	69	83	5	0.92	-0.06	0.47	4.10	88	9.63	72	88	48	6	0	3	0
	DODGE CITY	96	67	103	62	81	3	0.00	-0.67	0.00	4.17	115	8.08	82	91	33	7	0	0	0
	GOODLAND	94	58	104	50	76	2	0.13	-0.59	0.08	1.86	50	6.13	66	83	23	7	0	2	0
	TOPEKA	89	74	91	71	81	3	0.84	-0.24	0.49	4.29	71	17.20	101	88	60	4	0	2	0

Based on 1981-2010 normals ***** Not Available**

Weather Data for the Week Ending July 4, 2020

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
	WICHITA	96	73	100	69	85	5	0.32	-0.60	0.32	2.04	35	12.38	79	83	41	7	0	1	0
KY	LEXINGTON	86	67	92	63	76	1	0.21	-0.72	0.16	3.01	60	18.19	101	97	57	2	0	4	0
	LOUISVILLE	91	73	94	71	82	3	1.04	0.21	0.94	6.61	154	21.48	121	92	51	4	0	4	1
	PADUCAH	89	71	93	67	80	1	2.66	1.67	2.03	4.91	105	19.34	105	92	57	4	0	3	2
LA	BATON ROUGE	92	77	94	73	85	2	0.21	-1.42	0.16	8.95	131	23.29	132	94	54	7	0	2	0
	LAKE CHARLES	90	76	93	70	83	1	1.68	0.14	1.67	7.13	92	19.17	96	100	66	3	0	2	1
	NEW ORLEANS	94	79	97	77	86	4	1.92	0.26	0.62	11.29	125	26.28	115	87	57	7	0	4	2
	SHREVEPORT	92	76	94	70	84	2	0.63	-0.45	0.63	4.06	67	24.06	124	93	58	7	0	1	1
ME	CARIBOU	81	59	88	56	70	6	0.02	-0.94	0.02	0.93	23	9.07	72	88	45	0	0	1	0
	PORTLAND	74	62	84	60	68	0	3.43	2.67	2.51	3.81	90	14.73	87	92	71	0	0	5	1
MD	BALTIMORE	91	71	96	68	81	5	0.54	-0.29	0.28	6.25	159	16.89	112	84	41	6	0	2	0
MA	BOSTON	75	63	85	61	69	-3	1.70	1.06	1.22	2.80	69	13.00	83	97	73	0	0	4	1
	WORCESTER	78	61	86	60	70	1	1.85	1.00	0.83	2.96	63	15.06	87	94	62	0	0	5	2
MI	ALPENA	88	58	94	53	73	7	0.00	-0.65	0.00	2.41	80	10.90	110	96	37	2	0	0	0
	GRAND RAPIDS	89	66	94	60	78	6	0.00	-0.81	0.00	2.55	60	14.22	102	89	42	3	0	0	0
	HOUGHTON LAKE	89	57	93	50	73	6	0.00	-0.61	0.00	1.63	51	11.43	121	95	34	2	0	0	0
	LANSING	89	64	95	58	76	5	0.00	-0.69	0.00	1.93	50	13.67	112	87	38	2	0	0	0
	MUSKEGON	91	66	92	62	78	8	0.02	-0.52	0.02	2.49	87	17.37	155	80	39	6	0	1	0
	TRAVERSE CITY	89	62	93	55	76	8	0.00	-0.71	0.00	3.54	101	12.74	119	86	40	4	0	0	0
MN	DULUTH	86	61	93	58	73	9	0.24	-0.82	0.21	0.75	15	4.85	40	90	46	2	0	2	0
	INT_L FALLS	87	58	92	53	73	8	0.16	-0.85	0.12	3.15	69	5.94	60	93	46	3	0	2	0
	MINNEAPOLIS	88	70	90	66	79	6	3.30	2.36	2.29	6.77	142	15.58	123	94	51	2	0	3	2
	ROCHESTER	86	66	89	61	76	0	0.62	-0.43	0.60	4.72	89	14.24	101	92	58	0	0	2	1
	ST. CLOUD	88	65	91	60	76	7	1.47	0.59	1.04	2.71	58	7.07	60	97	51	3	0	3	1
MS	JACKSON	91	73	92	69	82	1	1.96	0.87	1.11	7.28	152	22.19	115	93	58	6	0	3	1
	MERIDIAN	91	73	94	71	82	2	1.90	0.75	1.08	8.94	175	27.14	136	93	58	5	0	4	1
	TUPELO	91	73	94	69	82	1	1.46	0.45	1.41	8.15	160	25.28	124	94	57	5	0	3	1
MO	COLUMBIA	88	72	90	69	80	3	1.02	-0.04	0.38	6.95	136	20.85	119	93	59	2	0	3	0
	KANSAS CITY	88	72	91	68	80	3	1.20	0.07	1.20	3.21	54	14.24	83	94	61	2	0	1	1
	SAINT LOUIS	88	73	93	70	80	1	1.31	0.43	1.04	2.87	59	17.47	105	88	57	4	0	3	1
	SPRINGFIELD	88	71	94	68	80	3	0.20	-0.82	0.09	3.55	65	27.51	148	97	62	3	0	3	0
MT	BILLINGS	77	55	88	51	66	-4	1.78	1.40	1.36	4.33	186	6.88	94	82	36	0	0	3	1
	BUTTE	67	40	81	34	53	-7	1.00	0.65	0.44	4.23	172	6.79	104	92	40	0	0	5	0
	CUT BANK	66	46	79	41	56	-6	1.26	0.84	0.82	2.65	95	5.04	83	81	45	0	0	3	1
	GLASGOW	80	57	94	50	68	0	0.77	0.32	0.46	2.24	86	5.80	99	85	42	1	0	5	0
	GREAT FALLS	70	47	83	43	58	-6	2.90	2.48	2.06	4.91	178	9.93	132	82	42	0	0	3	2
	HAVRE	76	51	87	44	63	-3	0.83	0.33	0.49	2.69	108	5.07	90	90	37	0	0	2	0
	MISSOULA	71	46	86	41	59	-6	2.07	1.76	0.93	2.60	116	7.37	113	95	44	0	0	4	2
NE	GRAND ISLAND	89	68	92	66	79	3	1.27	0.42	0.71	1.85	38	13.10	96	90	50	3	0	2	2
	LINCOLN	89	70	90	67	79	3	2.32	1.46	2.05	5.20	107	12.33	89	88	55	2	0	2	1
	NORFOLK	90	68	91	64	79	5	0.98	0.11	0.79	1.45	30	9.39	71	91	49	5	0	2	1
	NORTH PLATTE	93	60	96	48	76	4	0.00	-0.66	0.00	1.72	45	7.61	73	88	31	6	0	0	0
	OMAHA	89	69	91	66	79	3	0.60	-0.24	0.47	3.10	66	8.94	62	94	56	2	0	2	0
	SCOTTSBLUFF	94	60	99	52	77	5	0.30	-0.16	0.28	1.47	47	6.34	75	76	20	6	0	2	0
	VALENTINE	92	61	99	48	77	4	0.29	-0.46	0.29	5.06	128	9.41	92	82	34	6	0	1	0
NV	ELY	81	45	88	33	63	-3	0.00	-0.10	0.00	0.13	17	3.52	92	42	12	0	0	0	0
	LAS VEGAS	98	76	105	70	87	-4	0.00	-0.04	0.00	0.00	0	2.04	228	21	7	6	0	0	0
	RENO	83	54	89	49	69	-3	0.03	-0.03	0.03	0.09	17	1.41	61	47	13	0	0	1	0
	WINNEMUCCA	83	44	92	38	64	-6	0.06	-0.01	0.04	0.94	166	3.13	89	53	12	2	0	2	0
NH	CONCORD	81	61	92	57	71	3	2.20	1.44	1.31	2.41	58	10.81	75	99	55	1	0	5	2
NJ	ATLANTIC_CITY	89	68	96	62	78	3	1.99	1.23	1.95	4.55	127	12.31	83	89	47	4	0	2	1
	NEWARK	89	69	95	67	79	3	2.56	1.69	1.44	4.04	89	13.50	79	90	42	4	0	3	2
NM	ALBUQUERQUE	92	66	95	62	79	1	0.00	-0.24	0.00	1.08	131	2.00	79	36	11	6	0	0	0
NY	ALBANY	84	65	93	63	74	4	1.77	0.91	0.51	2.91	68	10.39	73	90	53	1	0	5	1
	BINGHAMTON	81	62	86	58	71	3	0.48	-0.41	0.18	4.16	86	14.22	96	95	55	0	0	5	0
	BUFFALO	86	66	90	62	76	6	0.12	-0.59	0.12	3.49	86	14.08	105	88	43	2	0	1	0
	ROCHESTER	85	64	93	62	74	4	0.43	-0.32	0.28	1.67	44	8.65	73	94	41	1	0	2	0
	SYRACUSE	86	64	92	60	75	5	0.43	-0.37	0.28	1.20	31	11.55	88	90	46	2	0	3	0
NC	ASHEVILLE	87	66	90	63	77	3	0.06	-1.00	0.05	2.45	46	18.61	116	93	47	1	0	2	0
	CHARLOTTE	91	70	95	68	81	3	0.98	0.24	0.46	2.83	68	20.23	141	90	43	5	0	4	0
	GREENSBORO	89	69	94	67	79	1	0.09	-0.76	0.09	2.45	58	18.52	125	92	47	3	0	1	0
	HATTERAS	91	75	94	73	83	5	0.29	-0.75	0.27	9.31	201	30.02	181	88	55	6	0	2	0
	RALEIGH	92	69	94	66	80	1	0.34	-0.55	0.21	2.74	68	14.44	101	95	45	7	0	3	0
	WILMINGTON	91	71	95	68	81	1	2.17	0.74	1.81	11.30	187	27.09	154	96	50	5	0	3	1
ND	BISMARCK	90	63	95	57	76	8	2.27	1.59	1.79	2.78	78	4.19	51	91	47	5	0	4	1
	DICKINSON	85	58	96	50	71	5	1.52	0.85	0.70	2.37	66	4.04	50	95	46	2	0	5	2
	FARGO	88	70	91	67	79	9	0.32	-0.52	0.28	2.95	67	5.72	58	90	52	3	0	2	0
	GRAND FORKS	89	68	91	64	78	11	2.44	1.61	1.43	4.08	104	6.33	73	91	48	3	0	3	2
	JAMESTOWN	90	66	95	63	78	10	0.70	-0.11	0.26	1.39	38	4.02	48	90	45	3	0	4	0
OH	AKRON-CANTON	89	63	92	62	76	5	0.00	-0.91	0.00	3.05	70	16.03	106	87	39	3	0	0	0
	CINCINNATI	89	69	94	67	79	4	1.83	1.03	1.21	3.17	70	18.54	107	87	49	3	0	2	2
	CLEVELAND	84	62	90	59	73	0	0.00	-0.78	0.00	2.40	62	18.71	134	91	42	1	0	0	0
	COLUMBUS	91	68	94	66	79	5	0.00	-0.95	0.00	2.48	54	21.39	141	87	37	6	0	0	0
	DAYTON	90	68	93	65	79	5	0.00	-0.97	0.00	2.61	54	17.24	102	88	47	4	0	0	0
	MANSFIELD	89	62	93	59	75	4	0.00	-1.04	0.00	2.97	55	15.09	86	93	42	2	0	0	0

Based on 1981-2010 normals ***** Not Available**

Weather Data for the Week Ending July 4, 2020

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
	TOLEDO	91	65	96	62	78	5	0.00	-0.74	0.00	1.41	35	11.43	87	88	38	3	0	0	0
	YOUNGSTOWN	86	61	90	59	74	4	0.00	-0.93	0.00	3.39	76	14.94	103	89	41	1	0	0	0
OK	OKLAHOMA CITY	92	73	96	69	83	1	0.00	-0.82	0.00	3.42	63	14.11	87	90	47	6	0	0	0
	TULSA	94	76	97	70	85	3	1.24	0.35	1.21	1.37	26	16.97	93	85	54	7	0	2	1
OR	ASTORIA	62	54	64	53	58	-1	0.55	0.19	0.25	2.65	97	13.55	72	95	70	0	0	5	0
	BURNS	76	42	85	35	59	-4	0.03	-0.07	0.03	0.69	82	3.37	81	72	21	0	0	1	0
	EUGENE	75	52	78	49	63	-1	0.01	-0.15	0.01	1.75	109	9.37	73	86	43	0	0	1	0
	MEDFORD	81	53	87	49	67	-4	0.00	-0.08	0.00	1.22	177	5.05	98	73	25	0	0	0	0
	PENDLETON	78	53	83	49	65	-4	0.02	-0.09	0.02	0.75	71	4.62	94	66	24	0	0	1	0
	PORTLAND	71	56	74	54	64	-3	0.04	-0.19	0.02	3.65	199	9.28	87	80	46	0	0	3	0
	SALEM	72	52	76	50	62	-3	0.01	-0.16	0.01	1.47	89	8.94	83	84	45	0	0	1	0
PA	ALLENTOWN	87	65	92	62	76	3	0.89	-0.17	0.70	3.09	62	13.46	84	92	45	2	0	3	1
	ERIE	83	65	86	63	74	3	0.00	-0.80	0.00	3.08	73	13.94	100	86	50	0	0	0	0
	MIDDLETOWN	91	71	97	68	81	6	0.00	-0.94	0.00	3.82	92	15.19	106	80	38	3	0	0	0
	PHILADELPHIA	91	72	97	68	81	4	0.01	-0.84	0.01	3.24	82	13.29	89	84	35	5	0	1	0
	PITTSBURGH	87	64	91	59	76	4	0.03	-0.91	0.03	2.21	45	12.87	86	87	38	2	0	1	0
	WILKES-BARRE	88	64	93	62	76	5	0.77	-0.05	0.54	4.24	94	12.97	93	92	41	3	0	3	1
	WILLIAMSPORT	89	64	95	61	77	5	0.29	-0.62	0.29	3.26	73	16.24	114	90	37	4	0	1	0
RI	PROVIDENCE	80	64	84	62	72	0	0.12	-0.50	0.07	2.69	67	16.26	96	96	67	0	0	2	0
SC	CHARLESTON	94	73	95	72	83	2	0.37	-1.12	0.25	5.11	78	20.22	125	92	48	7	0	2	0
	COLUMBIA	93	72	94	71	82	1	0.07	-1.01	0.06	4.89	91	21.50	147	91	45	6	0	2	0
	FLORENCE	93	74	95	73	83	3	3.70	2.65	1.82	7.32	140	24.21	168	91	47	6	0	5	2
	GREENVILLE	91	70	93	68	80	1	1.38	0.41	1.00	4.22	96	28.09	176	92	46	5	0	3	1
SD	ABERDEEN	90	68	93	64	79	9	1.17	0.39	0.64	4.76	116	8.65	84	89	48	4	0	6	1
	HURON	88	68	90	62	78	6	0.21	-0.44	0.16	5.11	119	8.40	75	93	53	1	0	3	0
	RAPID CITY	90	57	96	47	74	4	0.13	-0.25	0.10	2.28	83	6.00	69	83	23	4	0	3	0
	SIOUX FALLS	87	70	91	65	79	7	0.87	0.09	0.87	4.35	100	10.79	86	88	57	1	0	1	1
TN	BRISTOL	86	66	93	62	76	2	0.93	-0.06	0.57	2.79	62	20.47	136	96	51	2	0	4	1
	CHATTANOOGA	91	71	95	70	81	2	1.19	0.10	0.68	3.68	78	22.66	127	94	52	5	0	4	1
	KNOXVILLE	89	69	93	68	79	1	2.59	1.46	2.23	3.80	85	21.65	124	93	50	3	0	3	1
	MEMPHIS	92	74	94	71	83	1	0.48	-0.41	0.28	3.72	89	20.60	102	90	58	6	0	4	0
	NASHVILLE	91	71	96	69	81	2	1.93	1.06	1.43	3.85	82	18.18	99	87	50	5	0	4	1
TX	ABILENE	97	73	101	68	85	3	0.83	0.30	0.83	3.43	89	10.37	99	80	37	7	0	1	1
	AMARILLO	96	67	100	59	82	4	0.31	-0.32	0.31	3.13	89	5.53	64	66	22	7	0	1	0
	AUSTIN	95	78	100	74	86	2	0.20	-0.38	0.20	2.69	58	17.60	126	83	45	6	0	1	0
	BEAUMONT	92	76	94	69	84	1	1.04	-0.61	1.04	3.19	39	16.64	83	98	63	6	0	1	1
	BROWNSVILLE	93	78	97	76	86	1	0.00	-0.57	0.00	1.56	54	4.44	53	91	57	6	0	0	0
	CORPUS CHRISTI	91	77	96	72	84	1	0.00	-0.84	0.00	3.88	101	10.51	98	96	70	4	0	0	0
	DEL RIO	101	80	107	76	91	5	0.28	-0.13	0.24	0.68	26	6.44	80	82	34	7	0	2	0
	EL PASO	98	76	104	70	87	4	0.00	-0.29	0.00	0.25	22	2.55	117	41	15	7	0	0	0
	FORT WORTH	94	77	98	73	86	2	0.22	-0.45	0.22	4.98	118	21.28	136	87	53	7	0	1	0
	GALVESTON	92	82	95	77	87	3	0.23	0.00	0.23	4.06	0	10.29	0	87	65	6	0	1	0
	HOUSTON	95	79	97	73	87	3	0.00	-1.20	0.00	4.53	69	16.60	90	87	49	7	0	0	0
	LUBBOCK	100	74	104	71	87	7	0.00	-0.57	0.00	1.76	52	5.69	69	67	18	7	0	0	0
	MIDLAND	100	75	104	72	87	5	0.00	-0.41	0.00	0.39	19	4.01	79	67	19	7	0	0	0
	SAN ANGELO	101	74	105	70	87	5	0.86	0.50	0.86	1.73	62	8.85	103	82	25	7	0	1	1
	SAN ANTONIO	96	78	101	75	87	3	0.00	-0.84	0.00	0.81	17	11.20	85	83	40	7	0	0	0
	VICTORIA	95	79	100	76	87	4	0.33	-0.69	0.33	4.42	86	12.22	77	88	51	7	0	1	0
	WACO	96	77	100	69	87	3	0.00	-0.49	0.00	1.58	42	18.61	134	84	43	7	0	0	0
	WICHITA FALLS	96	73	98	71	84	2	0.00	-0.48	0.00	4.17	95	14.58	112	93	49	7	0	0	0
UT	SALT LAKE CITY	85	57	97	45	71	-4	0.44	0.33	0.35	1.92	181	4.20	61	69	20	3	0	3	0
VT	BURLINGTON	83	65	92	64	74	4	1.44	0.56	0.85	2.20	52	8.33	66	92	53	1	0	5	1
VA	LYNCHBURG	91	66	94	64	78	4	0.32	-0.50	0.32	5.26	129	19.24	131	92	46	5	0	1	0
	NORFOLK	90	74	95	71	82	3	0.25	-0.76	0.25	3.80	78	16.37	107	85	50	3	0	1	0
	RICHMOND	91	70	94	66	80	1	1.47	0.56	1.02	6.33	142	15.84	102	90	46	4	0	3	1
	ROANOKE	90	68	95	65	79	3	0.00	-0.85	0.00	7.78	180	28.53	188	86	42	5	0	0	0
	WASH/DULLES	90	67	94	65	79	3	0.12	-0.74	0.12	5.37	120	15.59	98	86	40	3	0	1	0
WA	OLYMPIA	66	51	72	44	59	-3	0.04	-0.21	0.02	1.91	100	9.76	74	90	56	0	0	2	0
	QUILLAYUTE	61	52	69	51	56	-1	0.38	-0.20	0.18	3.94	103	19.16	69	98	72	0	0	6	0
	SEATTLE-TACOMA	68	54	71	52	61	-3	0.62	0.39	0.47	2.37	139	10.57	105	90	54	0	0	3	0
	SPOKANE	73	50	79	47	62	-5	0.21	0.01	0.08	0.96	69	5.20	88	79	30	0	0	3	0
	YAKIMA	80	52	85	45	66	-1	0.09	0.00	0.09	0.25	36	1.54	63	67	24	0	0	1	0
WV	BECKLEY	81	63	86	59	72	1	0.60	-0.42	0.31	6.07	131	22.22	137	99	59	0	0	2	0
	CHARLESTON	87	67	93	63	77	2	0.34	-0.63	0.33	3.40	69	22.78	135	95	47	3	0	2	0
	ELKINS	84	59	88	56	72	3	0.61	-0.57	0.50	5.97	116	19.70	109	93	44	0	0	2	0
	HUNTINGTON	87	67	93	65	77	2	0.53	-0.30	0.27	2.43	55	17.53	107	97	53	2	0	3	0
WI	EAU CLAIRE	90	66	92	59	78	7	2.69	1.78	2.69	6.31	135	14.78	117	92	43	4	0	1	1
	GREEN BAY	87	65	90	62	76	8	0.47	-0.37	0.47	4.26	98	15.78	134	91	45	2	0	1	0
	LA CROSSE	90	69	94	64	80	6	0.14	-0.84	0.09	6.68	136	14.48	105	88	50	5	0	3	0
	MADISON	88	64	91	62	76	5	0.25	-0.75	0.25	4.96	97	16.07	113	97	52	1	0	1	0
	MILWAUKEE	85	68	88	65	76	6	0.57	-0.33	0.57	3.00	68	15.94	117	83	53	0	0	1	1
WY	CASPER	86	49	94	41	67	0	0.02	-0.28	0.02	0.30	17	2.96	49	74	17	3	0	1	0
	CHEYENNE	87	54	91	48	71	3	0.16	-0.28	0.13	2.22	86	5.26	67	67	15	3	0	2	0
	LANDER	80	52	94	46	66	-2	0.05	-0.09	0.05	0.36	26	2.98	45	60	18	2	0	1	0
	SHERIDAN	81	51	93	44	66	0	0.81	0.51	0.63	1.76	77	4.26	59	83	33	3	0	3	1

Based on 1981-2010 normals ***** Not Available**

National Agricultural Summary

June 29 - July 5, 2020

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Warmer-than-normal weather prevailed across most of the central and eastern parts of the nation. Some areas of Michigan, Minnesota, North Dakota, and Wisconsin recorded temperatures 6°F or more above normal. In contrast, most of the Pacific Northwest, Rocky Mountains, and Southwest were cooler than normal. Large parts of Idaho, Montana, Nevada, and Oregon saw temperatures 6°F or more below normal. Most of the Great Lakes region, Pacific Northwest, Southwest, and Texas were drier than normal for the week, while above-average amounts of rain fell in the Mississippi Valley, New England, the northern Plains, and the northern Rockies.

Corn: By July 5, ten percent of the nation's corn acreage had reached the silking stage, three percentage points ahead of last year but 6 points behind the 5-year average. As of July 5, seventy-one percent of the nation's corn acreage was rated in good to excellent condition, 2 percentage points below the previous week but 14 points above the same time last year. In Iowa, 85 percent of the 2020 corn acreage was rated in good to excellent condition on July 5.

Soybean: By July 5, thirty-one percent of the nation's soybean acreage had reached the blooming stage, 23 percentage points ahead of last year and 7 points ahead of the 5-year average. Nationally, 2 percent of the nation's soybean acreage had begun setting pods, 1 percentage point ahead of last year but 2 points behind the average. On July 5, seventy-one percent of the nation's soybean acreage was rated in good to excellent condition, equal to the previous week but 18 percentage points above the same time last year.

Winter Wheat: Fifty-six percent of the 2020 winter wheat acreage had been harvested by July 5, fourteen percentage points ahead of last year and 1 point ahead of the 5-year average. In Kansas, 80 percent of the state's winter wheat acreage was harvested by July 5, twenty-eight percentage points ahead of last year and 4 points ahead of average. As of July 5, fifty-one percent of the 2020 winter wheat acreage was reported in good to excellent condition, 1 percentage point below the previous week and 13 points below the same time last year.

Cotton: Forty-seven percent of the nation's cotton acreage had reached the squaring stage by July 5, three percentage points ahead of the previous year but 1 point behind the 5-year average. By July 5, thirteen percent of the nation's cotton acreage had begun setting bolls, 2 percentage points ahead of last year but equal to the average. As of July 5, forty-three percent of the 2020 cotton acreage was rated in good to excellent condition, 2 percentage points above the previous week but 11 points below the same time last year.

Sorghum: By July 5, twenty-four percent of the nation's sorghum acreage had reached the headed stage, 3 percentage points ahead of last year but 1 point behind the 5-year average. Sixty-eight percent of Texas' sorghum acreage had reached the headed stage by July 5, seven percentage points ahead of last year and 6 points ahead of average. With progress limited to Texas, coloring advanced to 14 percent—2 percentage points ahead of last year but equal to the average. Forty-eight percent of the nation's sorghum acreage was rated in good to excellent condition on July 5, three percentage points above the previous week but 25 points below the same time last year.

Rice: By July 5, nineteen percent of the nation's rice acreage had reached the headed stage, 5 percentage points ahead of the previous year but equal to the 5-year average. On July 5, seventy-three percent of the nation's rice was rated in good to excellent condition, 1 percentage point below the previous week but 7 points above the same time last year.

Small Grains: Eighty-five percent of the nation's oat acreage was headed by July 5, sixteen percentage points ahead of last year but 1 point behind the 5-year average. On July 5, sixty-two percent of the nation's oat acreage was rated in good to excellent condition, 1 percentage point above the previous week but 3 points below the same time last year.

Sixty percent of the nation's barley acreage had reached the headed stage by July 5, twelve percentage points ahead of last year but 7 points behind the 5-year average. On July 5, seventy-three percent of the nation's barley acreage was rated in good to excellent condition, 2 percentage points below the previous week but unchanged from the same time last year.

By July 5, sixty-three percent of the nation's spring wheat crop had reached the headed stage, 16 percentage points ahead of the previous year but 5 points behind the 5-year average. Seventy percent of the nation's spring wheat was rated in good to excellent condition, 1 percentage point above the previous week but 8 points below the same time last year.

Other Acreages: By July 5, fifty-one percent of the nation's peanut crop had reached the pegging stage, 4 percentage points behind the previous year but equal to the 5-year average. On July 5, sixty-nine percent of the nation's peanut acreage was rated in good to excellent condition, 3 percentage points above the previous week and 1 point above the same time last year.

Crop Progress and Condition

Week Ending July 5, 2020

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

Soybeans Percent Blooming

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
AR	48	41	57	64
IL	1	10	22	24
IN	1	10	26	21
IA	5	16	37	21
KS	5	8	30	14
KY	12	9	14	14
LA	68	72	86	79
MI	0	0	8	14
MN	2	7	43	20
MS	61	47	64	65
MO	4	6	16	16
NE	7	27	41	27
NC	10	8	21	16
ND	4	1	9	22
OH	4	11	27	16
SD	2	21	37	19
TN	22	8	19	24
WI	0	8	40	15
18 Sts	8	14	31	24

These 18 States planted 96% of last year's soybean acreage.

Soybeans Percent Setting Pods

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
AR	16	9	18	26
IL	0	NA	1	3
IN	0	NA	1	3
IA	0	NA	1	2
KS	0	0	1	1
KY	0	NA	1	1
LA	42	30	45	53
MI	0	NA	0	1
MN	0	NA	0	0
MS	20	8	13	24
MO	0	NA	0	1
NE	0	1	4	0
NC	1	NA	0	1
ND	0	NA	0	1
OH	0	NA	0	0
SD	0	NA	0	0
TN	2	NA	2	3
WI	0	NA	1	1
18 Sts	1	NA	2	4

These 18 States planted 96% of last year's soybean acreage.

Soybean Condition by Percent

	VP	P	F	G	EX
AR	1	4	27	48	20
IL	2	6	29	48	15
IN	3	7	28	52	10
IA	0	2	14	67	17
KS	1	7	35	52	5
KY	2	4	16	64	14
LA	0	0	13	81	6
MI	2	7	36	42	13
MN	1	2	14	62	21
MS	0	6	39	44	11
MO	1	5	31	55	8
NE	1	4	19	56	20
NC	3	4	24	56	13
ND	1	4	26	59	10
OH	2	8	33	50	7
SD	1	2	17	65	15
TN	1	4	22	55	18
WI	1	2	18	46	33
18 Sts	1	4	24	57	14
Prev Wk	1	4	24	58	13
Prev Yr	3	9	35	46	7

Corn Percent Silking

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
CO	1	0	1	2
IL	3	1	10	28
IN	1	2	7	14
IA	1	1	5	8
KS	16	9	27	30
KY	40	9	28	46
MI	0	0	0	2
MN	0	0	2	2
MO	20	7	21	42
NE	1	1	4	11
NC	60	45	70	77
ND	0	0	0	5
OH	0	1	2	7
PA	1	0	0	5
SD	0	0	0	3
TN	62	17	43	64
TX	72	62	64	63
WI	0	0	2	1
18 Sts	7	4	10	16

These 18 States planted 91% of last year's corn acreage.

Corn Condition by Percent

	VP	P	F	G	EX
CO	5	11	29	48	7
IL	2	6	31	48	13
IN	3	7	30	51	9
IA	0	2	13	66	19
KS	3	9	36	44	8
KY	1	2	15	63	19
MI	3	11	31	43	12
MN	1	2	12	58	27
MO	1	5	25	55	14
NE	1	5	20	52	22
NC	1	5	21	51	22
ND	1	4	23	61	11
OH	2	9	36	47	6
PA	0	3	15	71	11
SD	1	2	15	65	17
TN	1	3	23	51	22
TX	2	8	37	42	11
WI	1	3	17	47	32
18 Sts	1	5	23	54	17
Prev Wk	1	4	22	57	16
Prev Yr	3	9	31	47	10

Rice Percent Headed

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
AR	2	0	1	8
CA	9	15	20	12
LA	55	48	59	57
MS	16	11	17	25
MO	0	0	2	8
TX	43	54	75	53
6 Sts	14	14	19	19

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

Rice Condition by Percent

	VP	P	F	G	EX
AR	1	4	32	43	20
CA	0	0	0	80	20
LA	0	1	10	79	10
MS	0	6	35	52	7
MO	1	7	34	43	15
TX	0	0	34	43	23
6 Sts	1	3	23	55	18
Prev Wk	1	2	23	58	16
Prev Yr	1	6	27	49	17

Crop Progress and Condition

Week Ending July 5, 2020

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

Cotton Percent Squaring

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
AL	71	47	66	67
AZ	77	88	96	77
AR	82	68	85	91
CA	56	45	60	65
GA	67	55	67	67
KS	22	27	45	24
LA	73	65	85	83
MS	40	28	54	63
MO	14	12	24	51
NC	65	33	47	62
OK	32	10	20	26
SC	62	33	37	48
TN	51	29	52	60
TX	35	30	40	38
VA	54	39	46	59
15 Sts	44	35	47	48

These 15 States planted 99% of last year's cotton acreage.

Cotton Percent Setting Bolls

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
AL	14	2	13	17
AZ	22	29	34	29
AR	36	0	9	33
CA	9	3	10	7
GA	21	9	21	19
KS	0	3	4	0
LA	20	22	30	32
MS	7	2	4	15
MO	0	0	0	6
NC	14	0	3	9
OK	0	0	0	2
SC	20	2	4	9
TN	5	3	16	8
TX	9	13	14	12
VA	1	1	2	2
15 Sts	11	9	13	13

These 15 States planted 99% of last year's cotton acreage.

Cotton Condition by Percent

	VP	P	F	G	EX
AL	0	2	15	73	10
AZ	0	0	7	58	35
AR	0	1	20	47	32
CA	0	0	25	50	25
GA	1	4	26	59	10
KS	2	9	52	35	2
LA	0	1	16	81	2
MS	0	1	28	59	12
MO	14	14	35	36	1
NC	3	9	25	54	9
OK	0	3	18	76	3
SC	7	9	22	54	8
TN	5	6	27	52	10
TX	6	30	42	18	4
VA	0	1	3	96	0
15 Sts	4	19	34	36	7
Prev Wk	6	18	35	35	6
Prev Yr	2	17	27	47	7

Sorghum Percent Headed

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
CO	0	0	0	1
KS	4	4	6	5
NE	10	6	7	5
OK	10	1	4	12
SD	0	2	13	4
TX	61	64	68	62
6 Sts	21	21	24	25

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

Sorghum Percent Coloring

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
CO	0	NA	0	0
KS	0	NA	0	0
NE	0	NA	0	0
OK	0	NA	0	0
SD	0	NA	0	0
TX	43	44	47	46
6 Sts	12	NA	14	14

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

Sorghum Condition by Percent

	VP	P	F	G	EX
CO	5	16	34	39	6
KS	2	7	40	48	3
NE	1	3	28	57	11
OK	0	16	46	37	1
SD	0	1	20	66	13
TX	2	16	44	33	5
6 Sts	2	10	40	44	4
Prev Wk	3	11	41	41	4
Prev Yr	1	2	24	61	12

Peanuts Percent Pegging

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
AL	64	31	42	54
FL	64	49	59	57
GA	69	56	69	61
NC	40	13	32	37
OK	12	21	22	25
SC	69	47	53	61
TX	1	1	10	17
VA	39	9	17	23
8 Sts	55	39	51	51

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

Peanut Condition by Percent

	VP	P	F	G	EX
AL	0	0	9	74	17
FL	0	1	22	75	2
GA	1	8	27	56	8
NC	1	2	29	57	11
OK	0	0	7	93	0
SC	2	5	19	64	10
TX	0	17	24	59	0
VA	0	0	6	94	0
8 Sts	1	7	23	62	7
Prev Wk	1	6	27	59	7
Prev Yr	1	4	27	60	8

Crop Progress and Condition

Week Ending July 5, 2020

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

Winter Wheat Percent Harvested

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
AR	96	89	95	98
CA	76	65	75	77
CO	7	15	36	20
ID	0	0	1	1
IL	66	63	82	81
IN	42	22	48	57
KS	52	47	80	76
MI	0	0	0	3
MO	71	66	86	84
MT	0	0	0	0
NE	1	1	16	19
NC	84	73	87	93
OH	23	1	51	41
OK	88	95	100	95
OR	1	1	2	4
SD	0	0	0	4
TX	89	96	98	90
WA	0	0	1	2
18 Sts	42	41	56	55

These 18 States harvested 92% of last year's winter wheat acreage.

Winter Wheat Condition by Percent

	VP	P	F	G	EX
AR	1	5	48	38	8
CA	0	10	25	45	20
CO	19	20	38	20	3
ID	0	3	21	54	22
IL	1	6	19	57	17
IN	1	7	30	53	9
KS	7	13	34	39	7
MI	2	6	26	52	14
MO	1	10	39	44	6
MT	2	2	10	33	53
NE	4	14	32	47	3
NC	1	6	20	54	19
OH	2	5	29	54	10
OK	4	3	43	48	2
OR	3	18	29	38	12
SD	1	4	21	67	7
TX	7	21	38	31	3
WA	1	1	16	55	27
18 Sts	6	11	32	41	10
Prev Wk	5	11	32	42	10
Prev Yr	3	7	26	47	17

Oats Percent Headed

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
IA	88	86	94	94
MN	72	75	93	83
NE	86	90	97	95
ND	34	24	50	67
OH	72	91	97	88
PA	71	51	67	78
SD	54	86	91	86
TX	100	100	100	100
WI	50	63	85	76
9 Sts	69	74	85	86

These 9 States planted 71% of last year's oat acreage.

Oat Condition by Percent

	VP	P	F	G	EX
IA	0	1	14	73	12
MN	2	4	26	53	15
NE	2	11	30	52	5
ND	2	8	29	53	8
OH	0	1	17	70	12
PA	0	8	38	52	2
SD	0	6	24	60	10
TX	5	17	40	35	3
WI	1	2	16	50	31
9 Sts	2	8	28	51	11
Prev Wk	2	8	29	51	10
Prev Yr	2	5	28	56	9

Spring Wheat Percent Headed

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
ID	63	41	66	73
MN	64	45	85	83
MT	31	24	50	49
ND	45	30	59	68
SD	54	77	90	83
WA	86	73	83	91
6 Sts	47	36	63	68

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

Spring Wheat Condition by Percent

	VP	P	F	G	EX
ID	0	2	29	47	22
MN	3	3	17	67	10
MT	0	3	15	65	17
ND	2	7	30	55	6
SD	1	6	25	59	9
WA	0	6	8	56	30
6 Sts	1	5	24	59	11
Prev Wk	1	5	25	60	9
Prev Yr	0	3	19	70	8

Barley Percent Headed

	Prev Year	Prev Week	Jul 5 2020	5-Yr Avg
ID	66	56	64	74
MN	69	55	91	81
MT	31	30	55	55
ND	48	27	56	71
WA	74	81	89	84
5 Sts	48	39	60	67

These 5 States planted 81% of last year's barley acreage.

Barley Condition by Percent

	VP	P	F	G	EX
ID	0	2	37	43	18
MN	2	3	19	65	11
MT	0	3	10	48	39
ND	2	7	28	56	7
WA	0	6	6	61	27
5 Sts	1	4	22	49	24
Prev Wk	1	3	21	55	20
Prev Yr	1	4	22	63	10

Crop Progress and Condition

Week Ending July 5, 2020

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

Pasture and Range Condition by Percent
Week Ending Jul 5, 2020

	VP	P	F	G	EX			VP	P	F	G	EX
AL	1	2	17	67	13		NH	2	50	42	6	0
AZ	4	27	40	29	0		NJ	7	14	18	61	0
AR	1	4	30	55	10		NM	29	33	28	10	0
CA	35	20	25	20	0		NY	1	14	19	47	19
CO	24	17	33	26	0		NC	1	4	24	66	5
CT	5	2	58	22	13		ND	3	9	33	51	4
DE	2	12	41	31	14		OH	0	4	30	62	4
FL	1	4	21	56	18		OK	8	14	40	36	2
GA	2	8	30	54	6		OR	7	36	35	20	2
ID	0	1	13	55	31		PA	6	17	39	37	1
IL	1	3	30	55	11		RI	0	0	50	50	0
IN	4	11	39	41	5		SC	0	1	22	69	8
IA	1	3	27	53	16		SD	3	13	34	40	10
KS	4	18	38	38	2		TN	0	6	29	55	10
KY	1	5	17	64	13		TX	11	23	36	27	3
LA	1	4	30	61	4		UT	4	14	42	39	1
ME	10	23	51	16	0		VT	0	0	19	35	46
MD	2	4	30	59	5		VA	2	13	30	48	7
MA	5	2	58	22	13		WA	18	5	15	51	11
MI	7	15	45	30	3		WV	1	7	20	68	4
MN	3	9	26	49	13		WI	1	3	21	47	28
MS	0	5	32	53	10		WY	11	20	32	31	6
MO	1	4	35	54	6		48 Sts	10	18	31	35	6
MT	7	12	18	41	22							
NE	5	9	23	59	4		Prev Wk	9	17	32	36	6
NV	5	15	40	40	0		Prev Yr	2	6	24	54	14

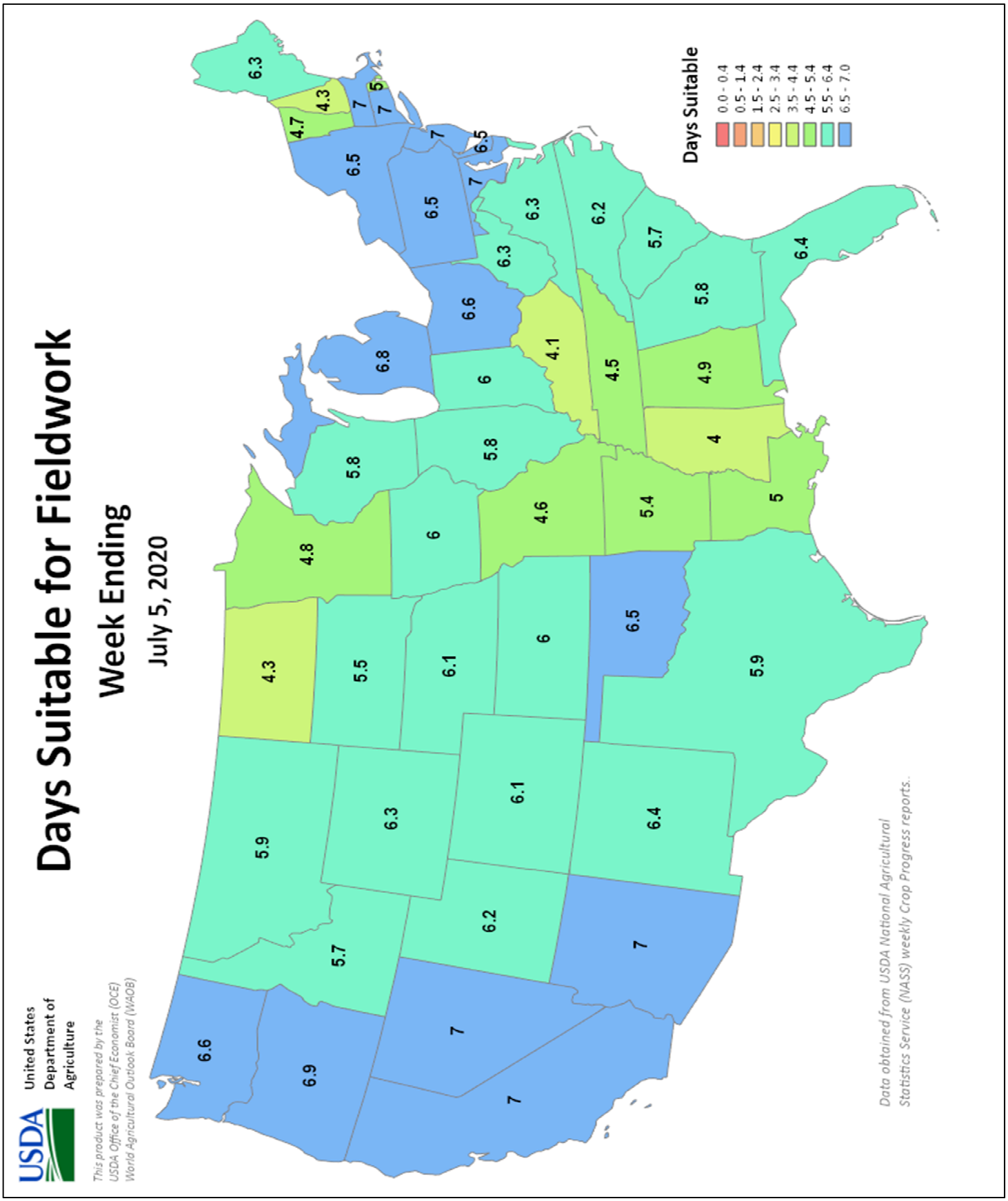
VP - Very Poor; P - Poor;
F - Fair;
G - Good; EX - Excellent

NA - Not Available
*** Revised**

Crop Progress and Condition

Week Ending July 5, 2020

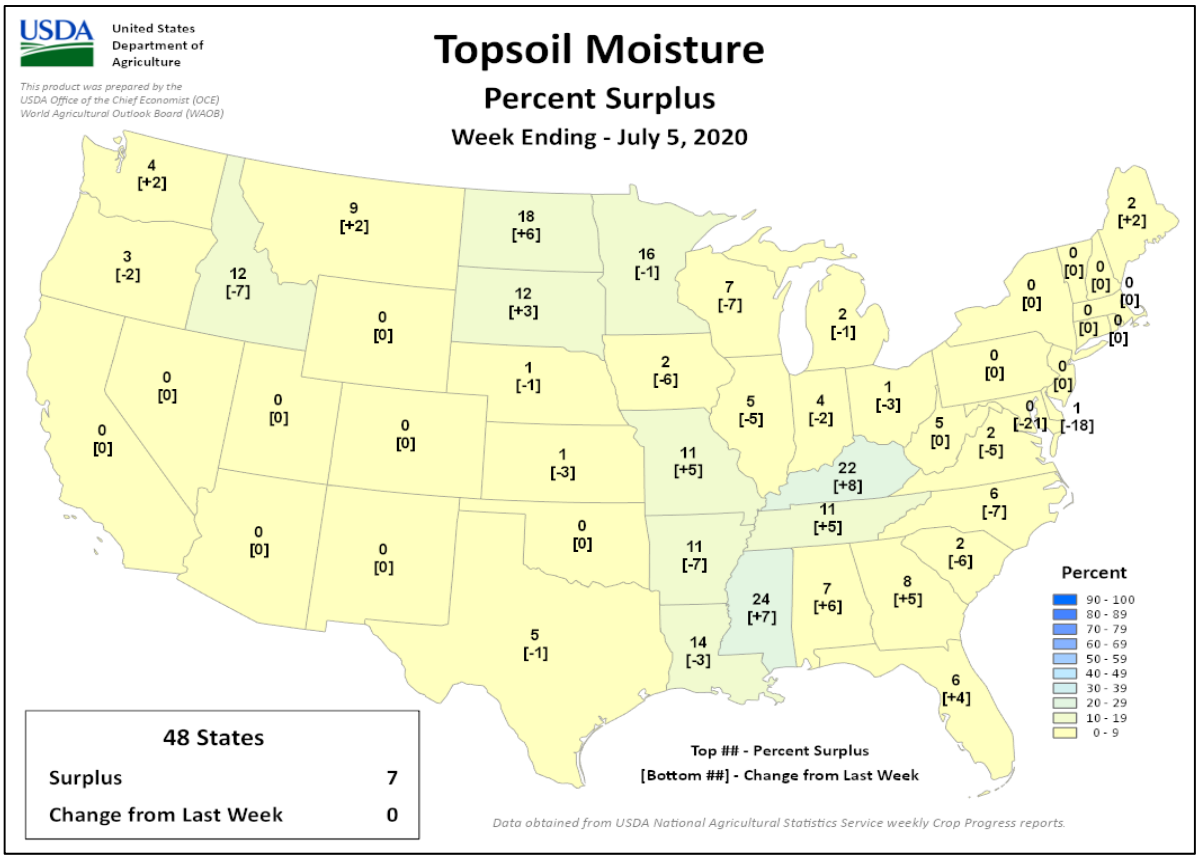
Weekly U.S. Progress and Condition Data provided by USDA/NASS

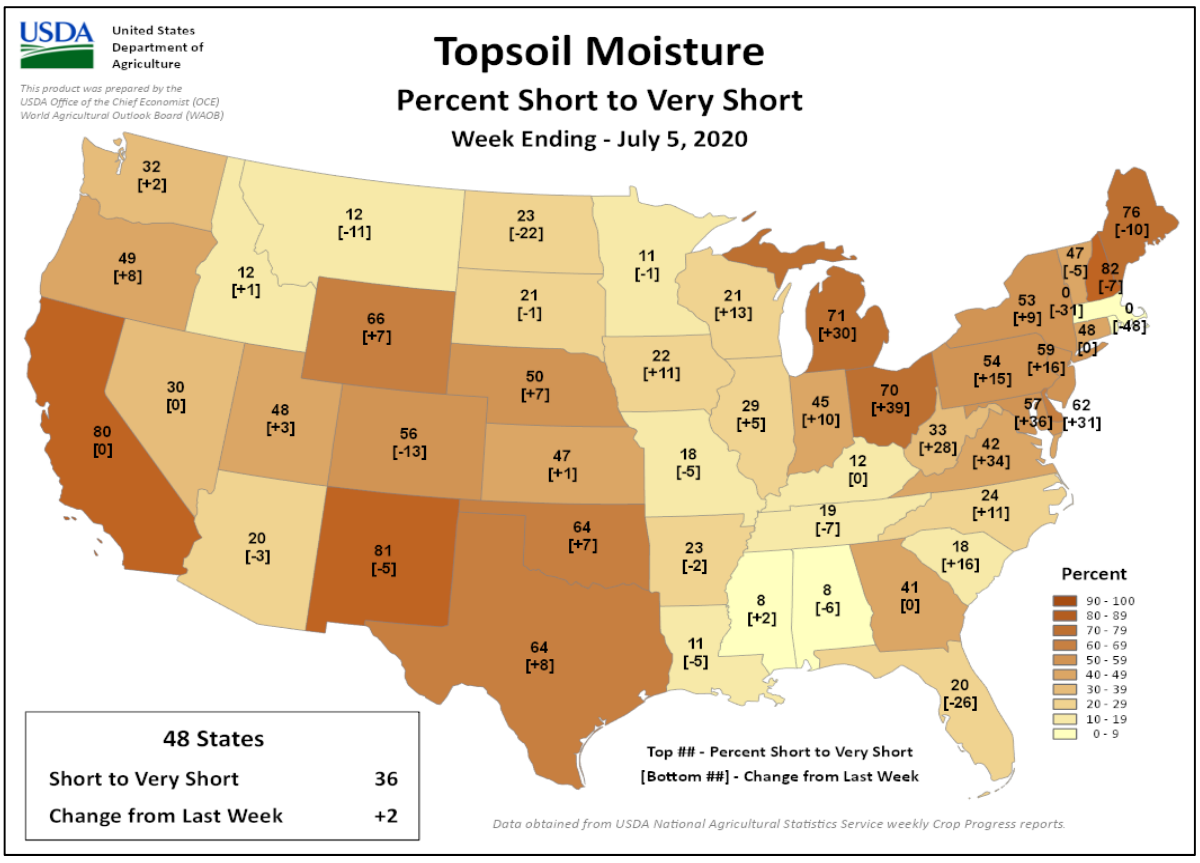


Crop Progress and Condition

Week Ending July 5, 2020

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

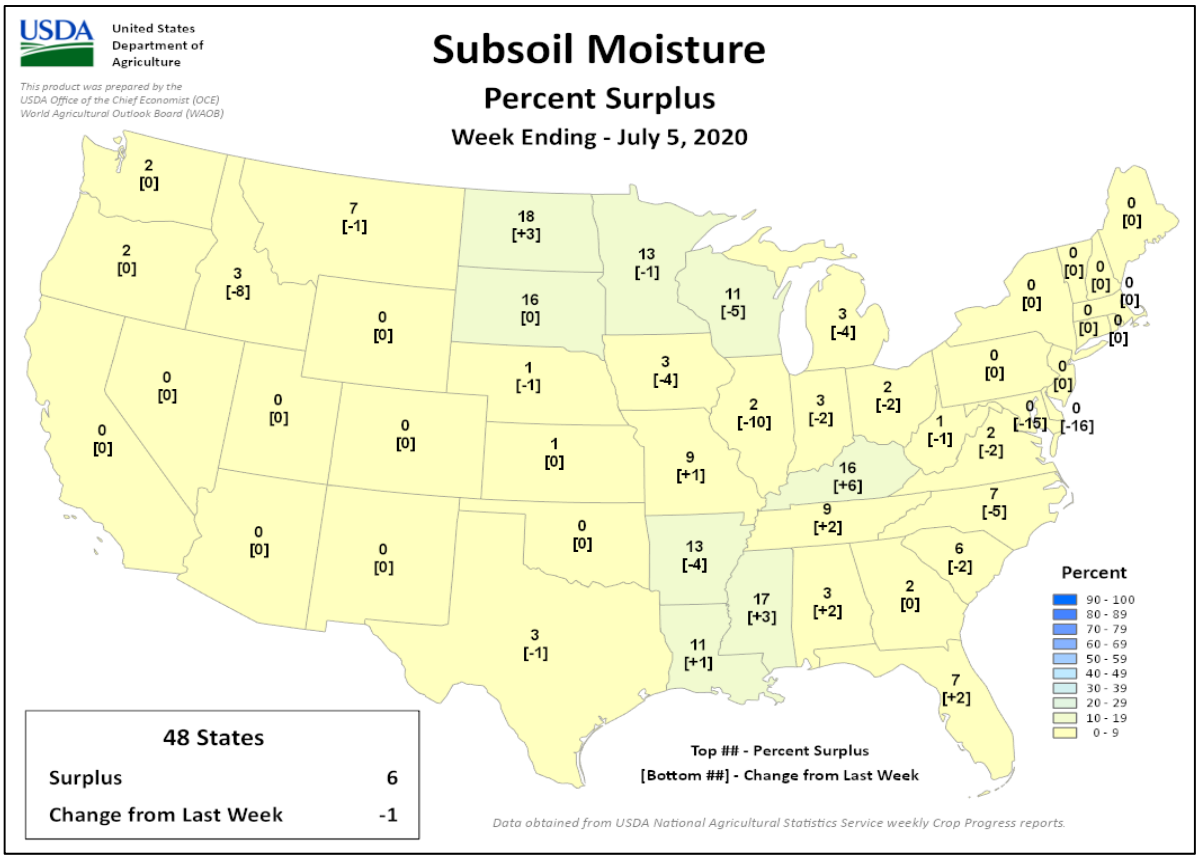


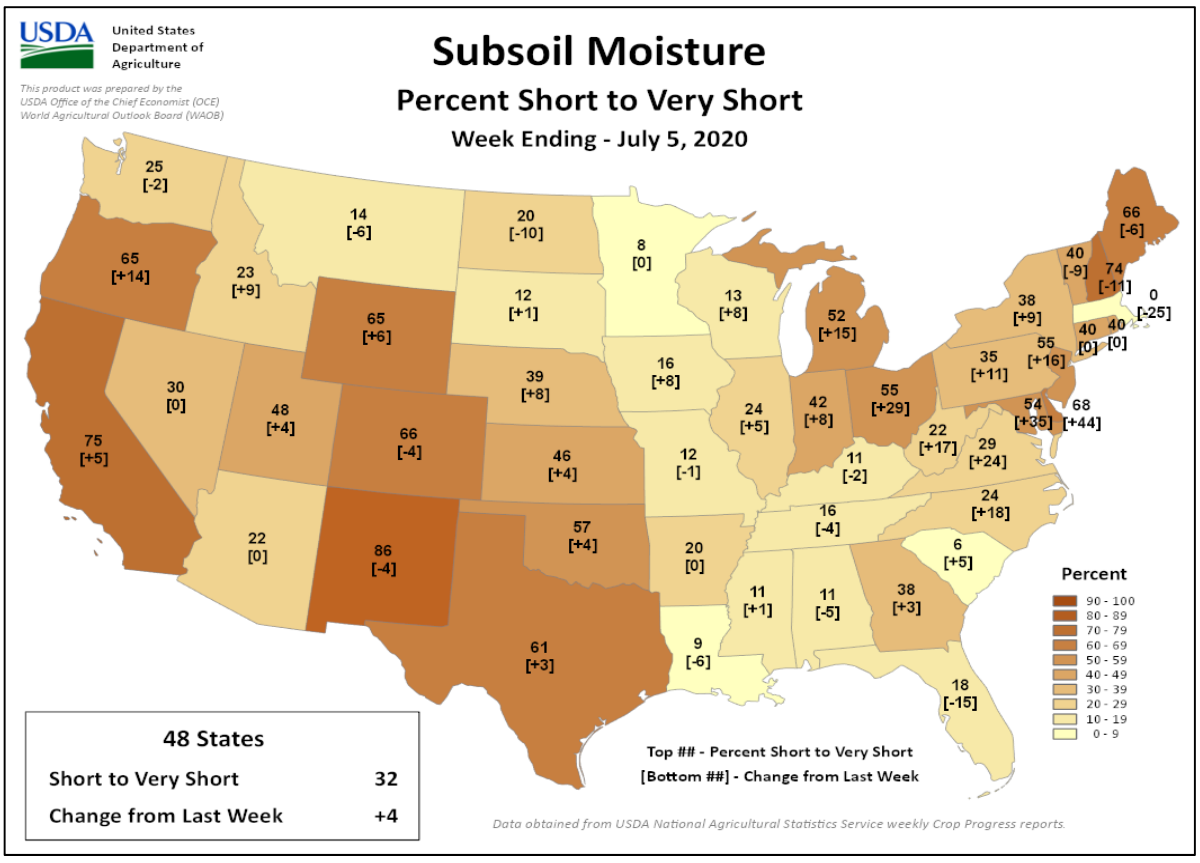


Crop Progress and Condition

Week Ending July 5, 2020

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





International Weather and Crop Summary

June 28 - July 4, 2020

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

EUROPE: Widespread showers continued over central and eastern Europe, maintaining good to excellent moisture supplies for vegetative to reproductive spring grains and summer crops.

WESTERN FSU: Warm, unsettled weather maintained mostly favorable conditions for vegetative to reproductive summer crops, although heat and dryness were developing in parts of Ukraine and southern Russia.

EASTERN FSU: Cool, showery weather favored spring grain development and eased pockets of short-term dryness and drought, while sunny skies promoted cotton development in the south.

MIDDLE EAST: Sunny skies promoted winter grain harvesting and summer crop development after recent wet weather.

SOUTH ASIA: Monsoon showers maintained good moisture supplies for rice in eastern India, but western cotton and oilseed areas reported unseasonably light rainfall.

EAST ASIA: Consistent rainfall in much of eastern China benefited summer crops, although some localized drought was occurring in the northeast.

SOUTHEAST ASIA: Showers returned to key rice areas of Thailand and Indochina.

AUSTRALIA: Showers benefited winter crops in the west, while more rain was needed in the east.

ARGENTINA: Showers returned to the southern winter grain belt.

BRAZIL: Rain benefited emerging wheat in southern Brazil.

MEXICO: Much-needed rain continued in western corn areas.

CANADIAN PRAIRIES: Locally heavy rain tempered dryness in eastern farming areas but some fields were reportedly flooded.

SOUTHEASTERN CANADA: Unseasonable warmth and dryness dominated, reducing moisture for vegetative corn and soybeans.

June 2020

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	30	16	37	11	23	0.6	3	-4
	BATNA	33	13	40	7	23	-0.3	21	3
ARGENT	IGUAZU	24	14	31	5	19	2.5	110	-26
	FORMOSA	25	15	34	4	20	3	61	-8
	CERES	20	8	30	-1	14	0.8	43	22
	CORDOBA	19	3	27	-3	11	1	0	-6
	RIO CUARTO	17	4	23	-2	10	0.4	1	-13
	ROSARIO	18	6	28	-3	12	1.2	13	-17
	BUENOS AIRES	17	6	27	-3	11	0.8	59	13
	SANTA ROSA	15	3	23	-2	9	0.8	10	-2
	TRES ARROYOS	14	5	20	-2	10	1.2	127	96
AUSTRA	DARWIN	32	21	34	17	26	1.1	1	0
	BRISBANE	21	12	24	7	17	1	47	-19
	PERTH	21	12	26	7	16	2.3	81	-59
	CEDUNA	18	6	25	1	12	0.2	8	-24
	ADELAIDE	15	7	20	0	11	-0.5	24	-36
	MELBOURNE	14	6	18	0	10	0.1	11	-26
	WAGGA	14	4	18	-2	9	0.1	44	-8
	CANBERRA	13	2	16	-4	7	0.8	41	-5
AUSTRI	VIENNA	23	14	31	10	19	0.1	166	91
	INNSBRUCK	22	11	30	6	17	0.2	190	81
BAHAMA	NASSAU	32	26	34	22	29	0.9	120	-88
BARBAD	BRIDGETOWN	31	26	32	24	28	1.2	71	-43
BELARU	MINSK	25	14	32	4	19	2.9	134	45
BERMUD	ST GEORGES	26	22	29	17	24	-1.4	124	13
BOLIVI	LA PAZ	16	-3	18	-10	6	1.1	2	-6
BRAZIL	FORTALEZA	30	24	32	23	27	0.2	120	******
	RECIFE	29	24	31	22	26	0.3	159	-120
	CAMPO GRANDE	27	18	30	14	22	0.5	39	-12
	FRANCA	26	16	29	13	21	1.8	1	-26
	RIO DE JANEI	28	18	32	15	23	0.8	7	-24
	LONDRINA	26	15	31	10	20	2.9	105	19
	SANTA MARIA	21	12	30	2	16	1.7	167	20
BULGAR	SOFIA	24	13	31	4	18	-0.3	43	-30
BURKIN	OUAGADOUGOU	36	26	41	22	31	1.4	86	0
CANADA	LETHBRIDGE	21	9	30	2	15	-0.9	156	******
	REGINA	23	9	31	3	16	0.5	45	-40
	WINNIPEG	25	14	32	6	20	1.7	94	3
	TORONTO	27	14	32	8	20	2.1	50	-24
	MONTREAL	26	14	35	3	20	1.3	46	-38
	PRINCE ALBER	20	11	29	6	15	-0.1	64	-2
	CALGARY	20	9	28	4	14	0.6	172	88
	VANCOUVER	19	12	24	7	16	0	53	2
CANARY	LAS PALMAS	26	20	29	18	23	1.4	1	1
CHILE	SANTIAGO	14	4	23	-2	9	0.6	86	4
CHINA	HARBIN	24	16	34	9	20	-1	207	117
	HAMI	33	17	39	9	25	-0.1	1	-5
	BEIJING	33	21	37	14	27	2.1	41	-31
	TIENTSIN	32	21	37	15	27	1.4	62	-14
	LHASA	25	12	28	6	18	1.8	106	30
	KUNMING	28	18	31	15	23	2.6	168	-9
	CHENGCHOW	31	23	40	17	27	1.1	140	73
	YEHCHANG	28	22	35	19	25	0.9	539	393
	HANKOW	30	24	34	20	27	1.4	503	283
	CHUNGKING	30	23	37	19	27	1.1	320	107
	CHIHKIANG	30	24	35	19	27	2.2	289	84
	WU HU	29	23	35	20	26	0.6	368	160
	SHANGHAI	29	23	35	18	26	1.7	483	322
	NANCHANG	31	25	36	22	28	2	318	19
	TAIPEI	34	27	38	25	31	2.5	16	-320
	CANTON	32	25	35	23	29	2.4	307	-12
	NANNING	32	26	34	22	29	1.6	168	-50
COLOMB	BOGOTA	20	10	22	6	15	1	152	92
COTE D	ABIDJAN	29	25	32	22	27	-0.2	706	270
CUBA	CAMAGUEY	30	25	34	23	27	0.1	0	******
CYPRUS	LARNACA	30	19	33	15	25	-0.5	1	-2
CZECHR	PRAGUE	22	12	29	8	17	0.8	76	10
DENMAR	COPENHAGEN	22	14	27	9	18	2.5	60	9
EGYPT	CAIRO	34	22	42	18	28	0	0	******
ESTONI	TALLINN	22	11	29	2	16	2.4	102	38

Based on Preliminary Reports

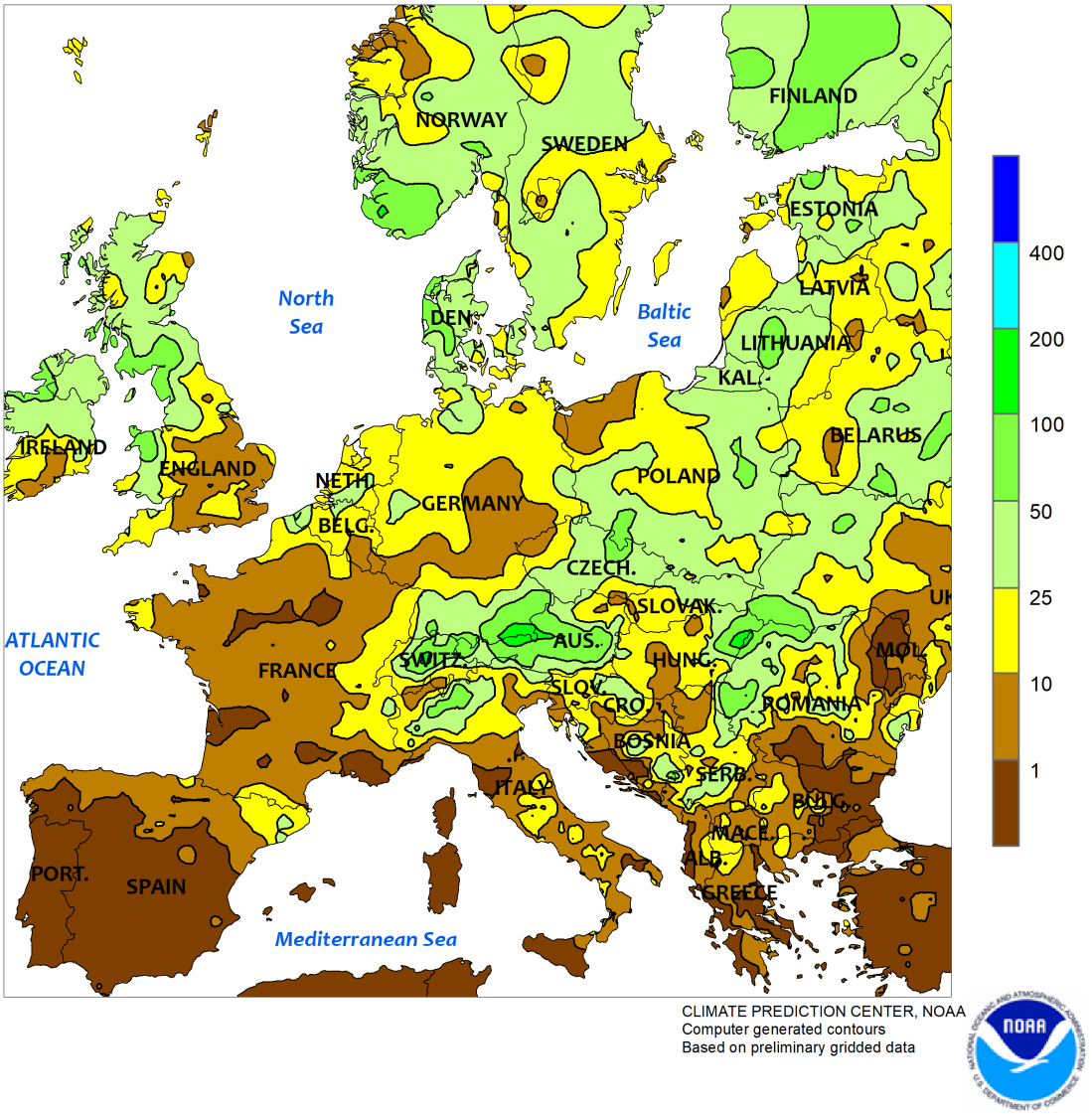
June 2020

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ETHIOP	ADDIS ABABA	22	12	26	8	17	-0.3	201	70
F GUIA	CAYENNE	31	24	32	23	27	1.3	365	-32
FIJI	NAUSORI	28	22	30	18	25	1.6	183	30
FINLAN	HELSINKI	23	13	31	6	18	3.7	64	2
FRANCE	PARIS/ORLY	24	14	34	9	19	0.8	75	21
	STRASBOURG	24	13	31	8	19	0.9	98	26
	BOURGES	24	13	35	6	18	0.3	59	-2
	BORDEAUX	24	14	34	9	19	-0.5	92	29
	TOULOUSE	25	15	33	11	20	0.2	95	32
	MARSEILLE	27	17	32	13	22	0.2	38	13
GABON	LIBREVILLE	***	***	31	***	***	*****	*****	******
GERMAN	HAMBURG	23	12	31	7	18	2.1	60	-19
	BERLIN	25	14	32	8	20	2.4	40	-19
	DUSSELDORF	24	13	32	6	18	1.4	41	-33
	LEIPZIG	24	13	32	7	19	2.1	39	-13
	DRESDEN	23	13	31	8	18	1.8	46	-18
	STUTTGART	22	12	28	8	17	-0.1	131	44
	NURNBERG	22	12	30	6	17	0.2	116	50
	AUGSBURG	21	11	28	4	16	-0.3	136	46
GREECE	THESSALONIKA	29	18	36	12	24	-1.3	33	5
	LARISSA	31	16	37	10	23	-2.3	12	-10
	ATHENS	29	20	35	14	25	-1.3	18	11
GUADEL	RAIZET	32	25	33	23	28	1.1	98	15
HONGKO	HONG KONG IN	33	28	35	25	31	0.9	231	******
HUNGAR	BUDAPEST	26	16	33	8	21	0.9	134	71
ICELAN	REYKJAVIK	13	8	21	3	11	1.1	49	4
INDIA	AMRITSAR	37	25	42	18	31	-0.6	43	-23
	NEW DELHI	39	27	42	21	33	-0.6	80	-8
	AHMEDABAD	37	27	41	22	32	-1.0	217	138
	INDORE	34	23	38	18	28	-2.0	125	-7
	CALCUTTA	34	27	37	23	30	0.2	404	97
	VERAVAL	33	28	35	25	31	0.4	221	******
	BOMBAY	33	26	35	22	30	0.0	337	******
	POONA	31	22	34	20	27	-0.9	219	48
	BEGAMPET	34	25	38	22	29	-0.4	208	100
	VISHAKHAPATN	33	28	35	24	30	0.5	164	37
	MADRAS	38	28	41	25	33	0.6	21	-60
	MANGALORE	30	24	32	22	27	0.0	804	******
INDONE	SERANG	33	24	34	23	29	1.0	80	-26
IRELAN	DUBLIN	18	10	25	4	14	0.5	67	1
ITALY	MILAN	27	16	32	12	22	-0.4	187	124
	VERONA	27	16	32	12	22	-1.0	120	36
	VENICE	25	18	32	14	21	-0.2	58	-23
	GENOA	23	19	26	15	21	-1.2	92	49
	ROME	26	16	34	11	21	-0.2	20	-2
	NAPLES	27	18	34	13	22	-0.4	21	-8
JAMAIC	KINGSTON	33	26	35	23	29	0.6	44	-20
JAPAN	SAPPORO	23	15	30	11	19	2.2	54	8
	NAGOYA	29	21	33	18	25	2.4	226	30
	TOKYO	27	20	33	17	24	1.5	219	51
	YOKOHAMA	27	21	32	18	24	2.0	222	31
	KYOTO	29	21	33	16	25	1.7	250	45
	OSAKA	29	22	33	18	25	1.9	190	12
KAZAKH	KUSTANAY	24	10	33	4	17	-2.8	24	-12
	TSELINOGRAD	25	13	35	6	19	-0.3	96	55
	KARAGANDA	25	11	35	4	18	-0.4	66	30
KENYA	NAIROBI	24	14	27	9	19	-0.9	38	13
LIBYA	BENGHAZI	***	***	37	20	***	*****	0	******
LITHUA	KAUNAS	24	14	30	6	19	3.7	99	26
LUXEMB	LUXEMBOURG	22	12	29	6	17	1.1	124	43
MALAYS	KUALA LUMPUR	33	25	35	23	29	1.0	218	87
MALI	BAMAKO	36	24	39	20	30	0.2	194	79
MARSHA	MAJURO	30	27	31	25	28	0.5	345	67
MARTIN	LAMENTIN	32	26	34	23	29	1.1	117	-72
MAURIT	NOUAKCHOTT	34	24	46	19	29	2.0	*****	******
MEXICO	GUADALAJARA	32	18	36	15	25	1.9	200	******
	TLAXCALA	25	13	28	9	19	0.7	74	-36
	ORIZABA	26	18	32	15	22	0.7	535	******
MOROCC	CASABLANCA	25	19	28	16	22	0.9	3	-1
	MARRAKECH	33	18	40	14	25	0.3	0	-5

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
MOZAMB	MAPUTO	25	15	33	10	20	-0.3	37	21
N KORE	PYONGYANG	28	18	33	15	23	0.9	123	27
NEW CA	NOUMEA	25	19	29	16	22	1.1	11	-90
NIGER	NIAMEY	38	27	42	21	33	0.5	83	8
NORWAY	OSLO	23	12	30	8	18	3.9	105	25
NZEALA	AUCKLAND	17	10	19	6	13	1.0	163	53
	WELLINGTON	14	9	17	2	12	0.6	190	99
P RICO	SAN JUAN	32	26	34	24	29	0.8	100	-12
PAKIST	KARACHI	37	31	39	30	34	2.2	0	-12
PERU	LIMA	20	17	23	15	18	0.6	0	******
PHILIP	MANILA	34	27	36	25	30	0.9	265	42
PNEWGU	PORT MORESBY	29	25	31	24	27	0.3	52	-19
POLAND	WARSAW	24	15	30	6	19	2.6	166	97
	LODZ	23	14	30	4	18	1.9	90	27
	KATOWICE	22	13	31	6	18	1.0	116	36
PORTUG	LISBON	25	16	34	14	21	-0.5	2	-11
ROMANI	BUCHAREST	28	14	33	0	21	-0.1	205	126
RUSSIA	ST.PETERSBUR	24	14	32	0	19	3.5	103	32
	KAZAN	21	12	28	7	17	-1.8	74	12
	MOSCOW	24	14	31	8	19	2.1	230	150
	YEKATERINBUR	21	10	32	6	15	-1.6	74	-2
	OMSK	21	10	32	2	16	-2.1	46	-5
	BARNAUL	24	12	33	5	18	-0.1	26	-32
	KHABAROVSK	20	12	28	8	16	-2.0	117	46
	VLADIVOSTOK	18	12	26	8	15	1.5	283	188
	VOLGOGRAD	30	17	37	9	24	2.5	0	-42
	ASTRAKHAN	32	20	38	14	26	3.0	6	-21
	ORENBURG	26	13	34	6	20	-0.9	21	-17
S AFRI	JOHANNESBURG	16	4	23	-4	10	-0.1	10	0
	DURBAN	25	13	32	9	19	1.7	15	-11
	CAPE TOWN	19	10	27	5	14	1.7	74	-20
S KORE	SEOUL	29	20	35	15	24	2.3	140	7
SAMOA	PAGO PAGO	29	26	31	24	28	0.4	492	343
SENEGA	DAKAR	30	24	33	22	27	1.5	3	-5
SPAIN	VALLADOLID	27	12	37	7	20	0.3	42	12
	MADRID	30	15	39	8	22	0.8	24	0
	SEVILLE	***	***	30	14	***	*****	1	******
SWITZE	ZURICH	22	13	28	9	17	0.7	145	18
	GENEVA	23	13	31	9	18	0.4	94	10
SYRIA	DAMASCUS	35	15	40	11	25	0.3	0	-1
TAHITI	PAPEETE	30	23	32	20	26	0.4	59	-14
TANZAN	DAR ES SALAA	31	22	32	20	26	1.8	6	-33
THAILA	PHITSANULOK	35	26	39	23	30	1.4	194	28
	BANGKOK	35	27	38	24	31	1.6	229	79
TOGO	TABLIGBO	32	24	35	21	28	0.5	105	******
TRINID	PORT OF SPAI	32	24	34	21	28	1.1	186	-69
TUNISI	TUNIS	31	20	36	15	25	0.8	3	-6
TURKEY	ISTANBUL	27	19	31	13	23	0.5	33	3
	ANKARA	26	12	32	5	19	0.9	37	-1
TURKME	ASHKHABAD	37	24	44	19	31	3.1	9	1
UKINGD	ABERDEEN	16	10	24	3	13	0.7	72	10
	LONDON	22	13	33	7	18	1.0	59	11
UKRAIN	KIEV	27	17	33	6	22	3.3	51	-32
	LVOV	24	14	30	4	19	2.5	140	51
	KIROVOGRAD	28	15	34	6	22	2.5	37	-32
	ODESSA	25	18	34	9	22	1.5	29	-19
	KHARKOV	28	16	32	9	22	2.9	68	8
UZBEKI	TASHKENT	34	20	40	14	27	1.2	4	-10
VENEZU	CARACAS	***	***	***	***	***	*****	*****	******
YUGOSL	BELGRADE	26	17	34	9	21	0.3	157	55
ZAMBIA	LUSAKA	23	13	37	8	18	1.5	0	******
ZIMBAB	KADOMA	***	***	25	4	***	*****	*****	******

Based on Preliminary Reports

EUROPE
Total Precipitation (mm)
June 28 - July 4, 2020

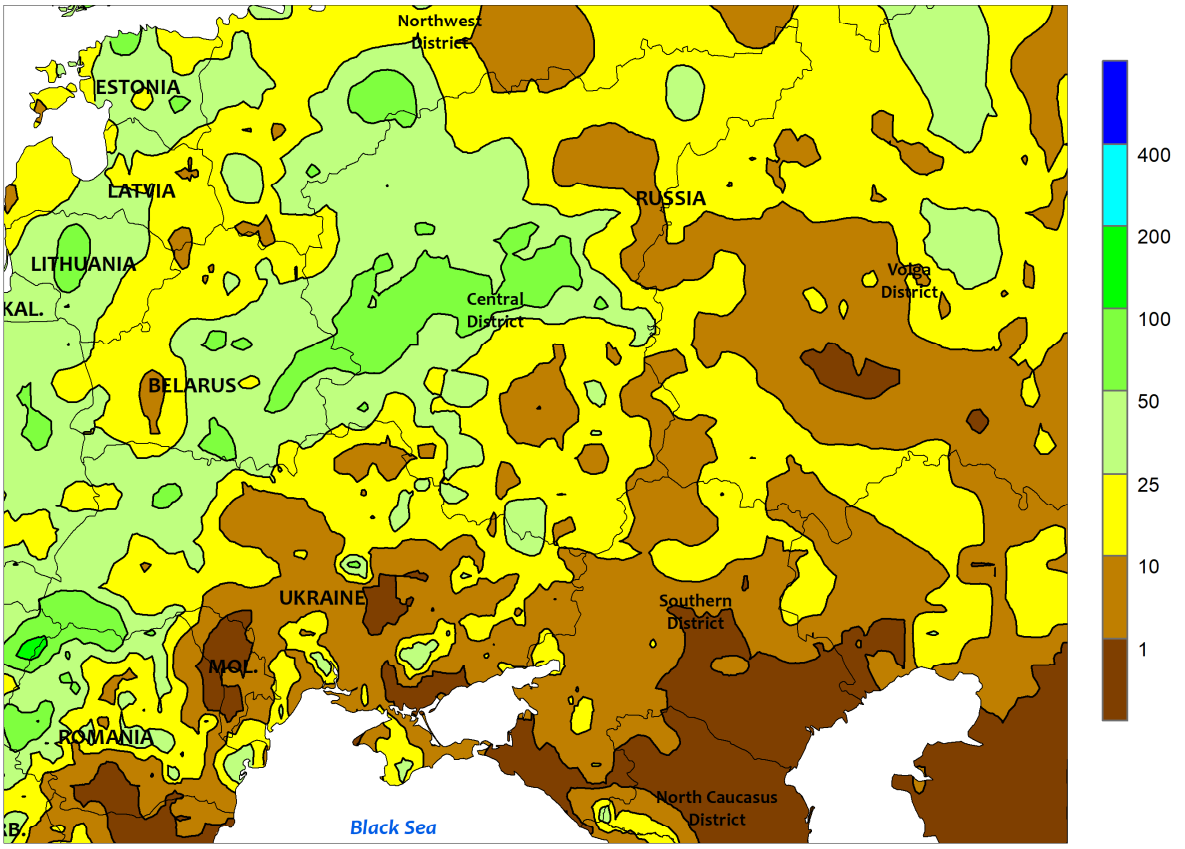


EUROPE

Unsettled weather prevailed over most growing areas, though dry conditions lingered in parts of southern Europe. A series of weak cold fronts raced across central and northern portions of the continent, producing scattered light showers (1-10 mm) in France and southern England; parts of northern France and southeastern England continued to wrestle with drought which adversely impacted winter crops, while key summer crop areas in southern and western France were in better shape due to favorable June rainfall. Farther east, rain expanded and intensified (5-50 mm, locally more) from Germany into Poland and the northern Balkans, maintaining good to excellent yield prospects for vegetative (north) to reproductive (south) corn, soybeans, and sunflowers. Precipitation bypassed the lower Danube River Valley this past week, although moisture supplies remained adequate for summer crops following a wet spring and onset of summer. Despite the unsettled weather over much of Europe, mostly sunny skies in Spain increased irrigation demands for vegetative to reproductive corn, sunflowers, and cotton, particularly in the warmer and drier southern half of the country. Across the remainder of southern Europe, sunny weather promoted cotton development in Greece while widespread showers (10-35 mm, locally more) in northern Italy eased moisture deficits in the lower Po River Valley. Temperatures averaged 1 to 2°C below normal from western France northward into England and Scandinavia, while above-normal temperatures — but without stressful heat — in southern and eastern Europe accelerated summer crops toward or into reproduction.

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

WESTERN FSU
Total Precipitation (mm)
June 28 - July 4, 2020



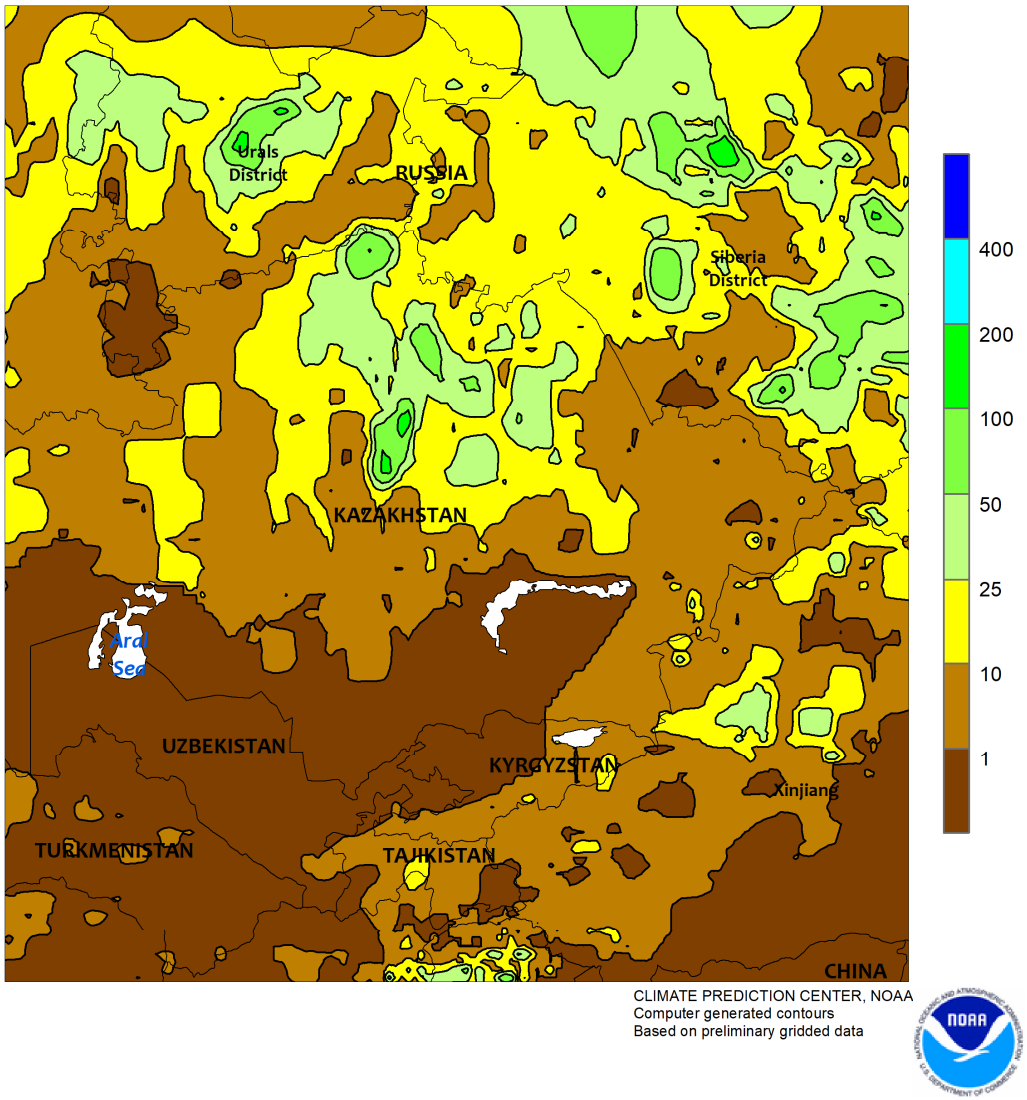
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

WESTERN FSU

Additional albeit highly variable rainfall accompanied unseasonably warm weather as summer crops approached or entered reproduction. Showers across the Black Sea region's primary corn, sunflower, and soybean areas ranged from less than 1 mm to locally more than 50 mm from Moldova and central Ukraine into Russia's Southern and Volga Districts. While moisture supplies remained generally favorable for summer crops, short-term dryness (30-day rainfall less than 50 percent of normal) has developed in north-central and eastern Ukraine as well as neighboring portions of west-central Russia (most notably the Rostov Oblast, in the central Southern District). Furthermore, temperatures averaged up to 4°C above normal over many of these same croplands, with daytime highs pushing into the middle and upper 30s (degrees C) from southern and eastern Ukraine eastward into Russia. The recent spell of unseasonable warmth ushered corn into reproduction on par with normal in southern Russia following a cool May, while corn in north-central Ukraine was in the latter vegetative stages of development. Extreme heat (highs greater than 35°C) over the upcoming weeks would be detrimental to corn yield prospects, with Stavropol, Krasnodar, and Rostov Oblasts in southern Russia already tallying four consecutive days of 35-degree heat to start the month (peak reading of 39°C). Sunflowers — which are generally able to withstand heat up to 39°C without significant yield losses — were approaching the flowering stage of development by week's end.

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

EASTERN FSU
Total Precipitation (mm)
June 28 - July 4, 2020



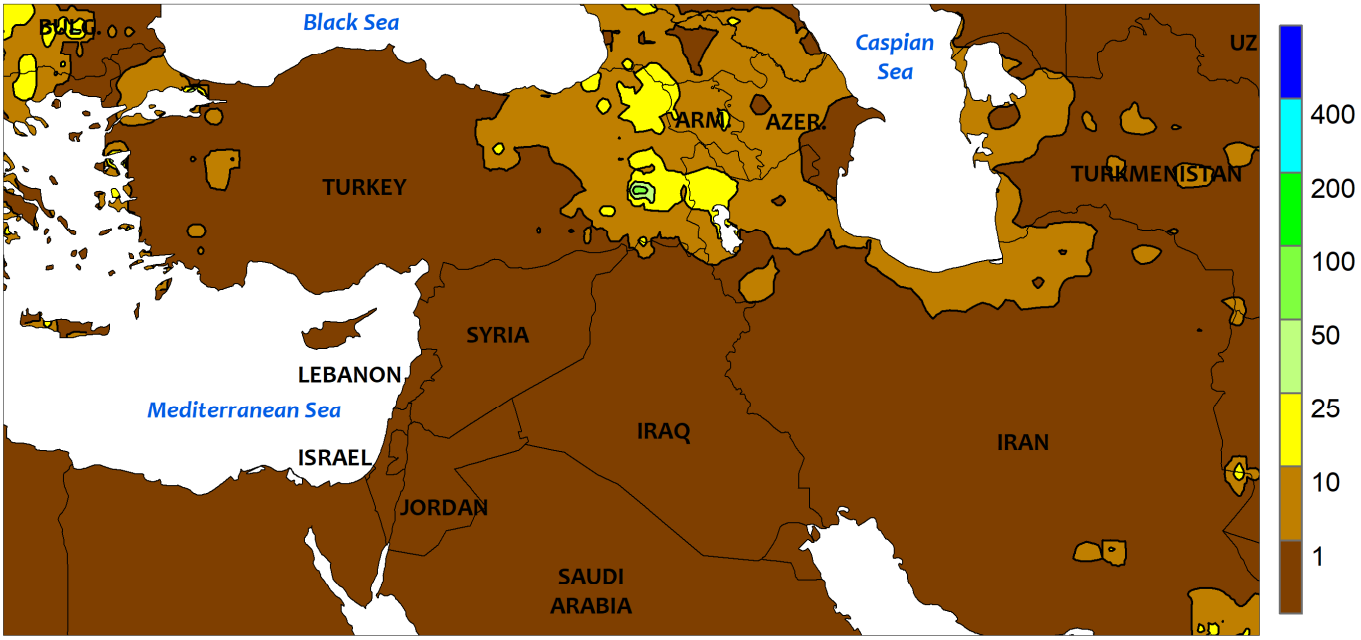
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

EASTERN FSU

Cool, wet weather expanded over the spring wheat belt, although localized dryness lingered in parts of Russia's Siberia District. Rainfall totaled 10 to 60 mm over much of northern Kazakhstan and adjacent portions of central Russia, easing short-term moisture deficits and providing timely moisture in advance of spring wheat and barley reaching reproduction. Despite the stormy weather, rain largely bypassed the southwestern Siberia District (Altai Krai), where longer-term deficits (90-day rainfall less than 50 percent of normal) have left soil moisture in short supply for vegetative spring wheat. Temperatures up to 6°C below normal further benefited spring grains in central and western growing areas following a very warm May and first half of June, while near-normal temperatures prevailed in the southern Siberia District. Farther south, sunny skies and below-normal temperatures favored the development of flowering cotton in Uzbekistan and environs. Long-term precipitation (last 6 months) — a surrogate for irrigation supplies — indicated favorable moisture reserves over much of the region save for western-most Uzbekistan as well as parts of Kyrgyzstan and Tajikistan.

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

MIDDLE EAST
Total Precipitation (mm)
June 28 - July 4, 2020

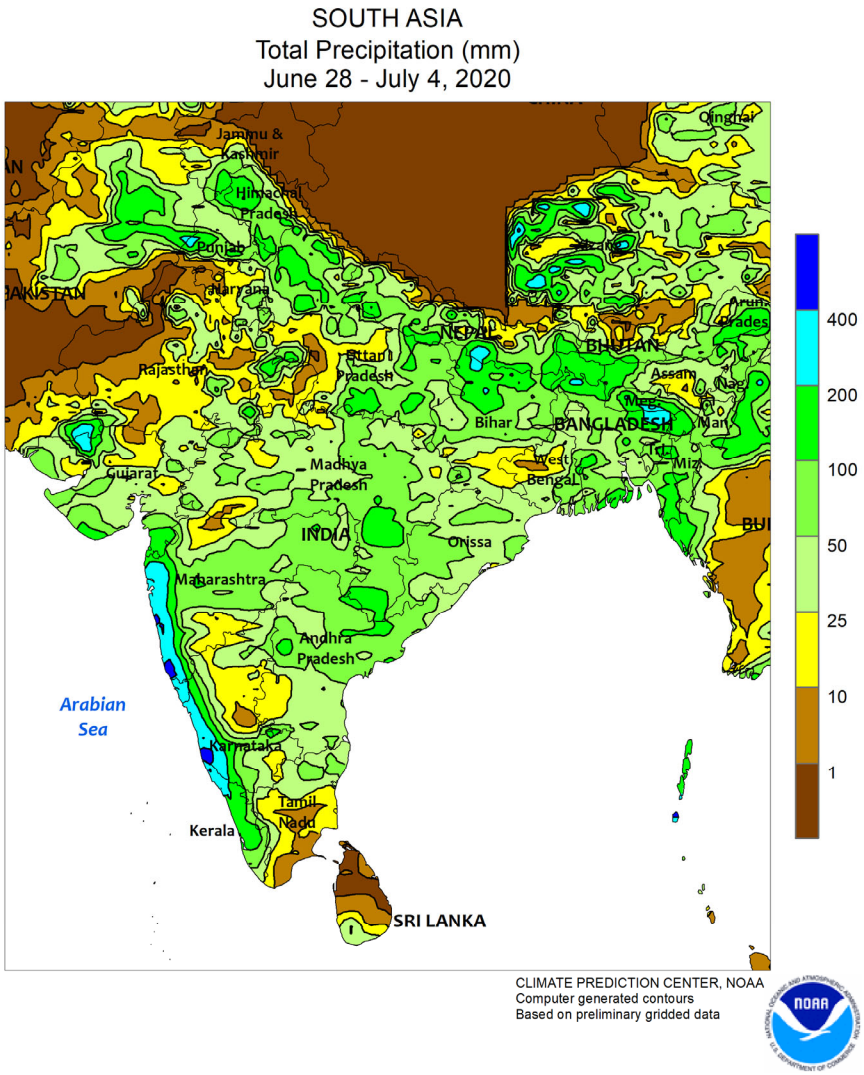


CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

MIDDLE EAST

Sunny skies and near- to above-normal temperatures favored the development of summer crops across Turkey. After a wet spring and start to the summer, this week's dry weather was beneficial for winter grain harvesting as well as other seasonal fieldwork. Furthermore, corn, sunflowers, and cotton entered reproduction in good shape, with ample irrigation reserves and soil moisture supplies following a wet May and June. Satellite-derived vegetation health data indicated excellent crop conditions over nearly all of Turkey, although weather over the next four to six weeks will be key to realizing the current favorable yield prospects.

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

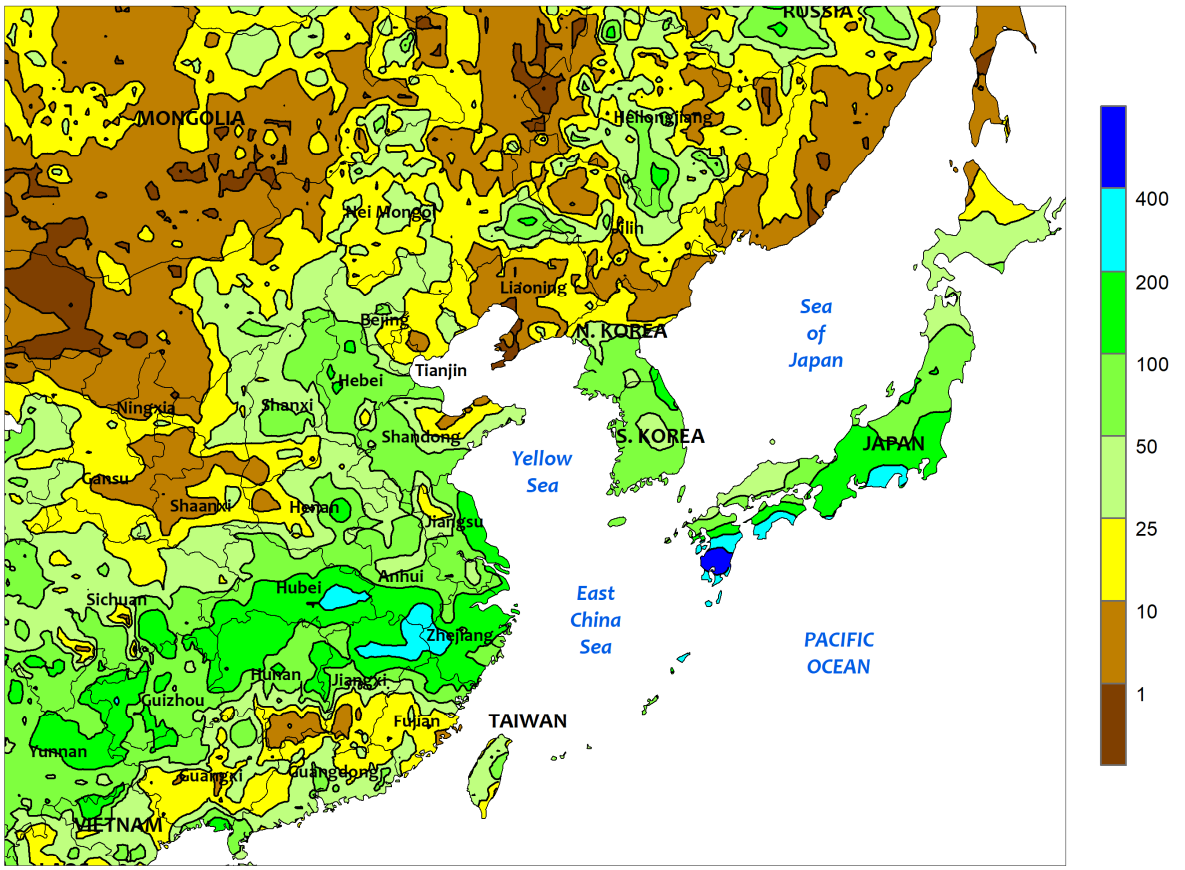


SOUTH ASIA

Monsoon showers continued throughout most of India and extended into Pakistan. Rainfall was most prevalent in eastern India and Bangladesh, where totals were generally between 25 and 100 mm. The consistently wet weather maintained ample moisture supplies and promoted rice development. Meanwhile, after an early start to the monsoon in the west, dryness has begun to develop in some areas. Showers were unseasonably light (less than 25 mm) in large sections of the west (Gujarat and environs), hindering soil moisture replenishment as well as cotton and oilseed establishment.

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

EASTERN ASIA
Total Precipitation (mm)
June 28 - July 4, 2020



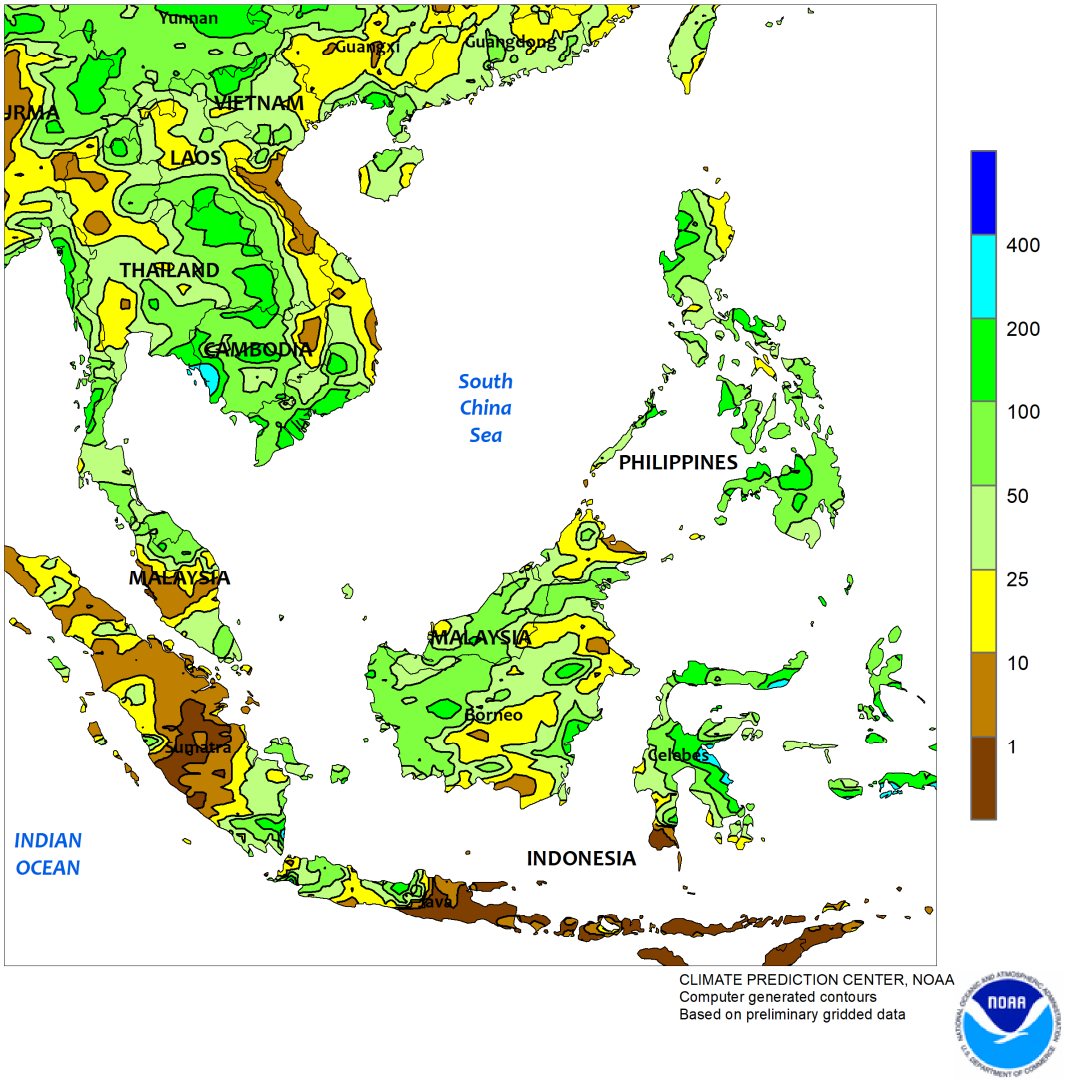
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

EASTERN ASIA

Near-daily showers continued throughout much of eastern China, keeping summer crops well watered. Rainfall totals between 25 and 100 mm (or more) extended from the North China Plain to the southern extents of the Yangtze Valley (a pocket of dryness occurred in portions of the deep south). Meanwhile, in the northeast, drier weather was reported following last week's downpours, with most areas receiving less than 25 mm. The dryness had little impact on corn and soybeans in Heilongjiang and the neighboring prefectures of Inner Mongolia and western Jilin, due to ample soil moisture, however, drought conditions expanded in Liaoning. In western-most China (Xinjiang), temperatures have been consistently below average over the last two to three weeks, slowing cotton development. Elsewhere, rainfall (25-100 mm or more) on the Korean Peninsula and in Japan maintained or improved moisture supplies for rice.

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

SOUTHEAST ASIA
Total Precipitation (mm)
June 28 - July 4, 2020

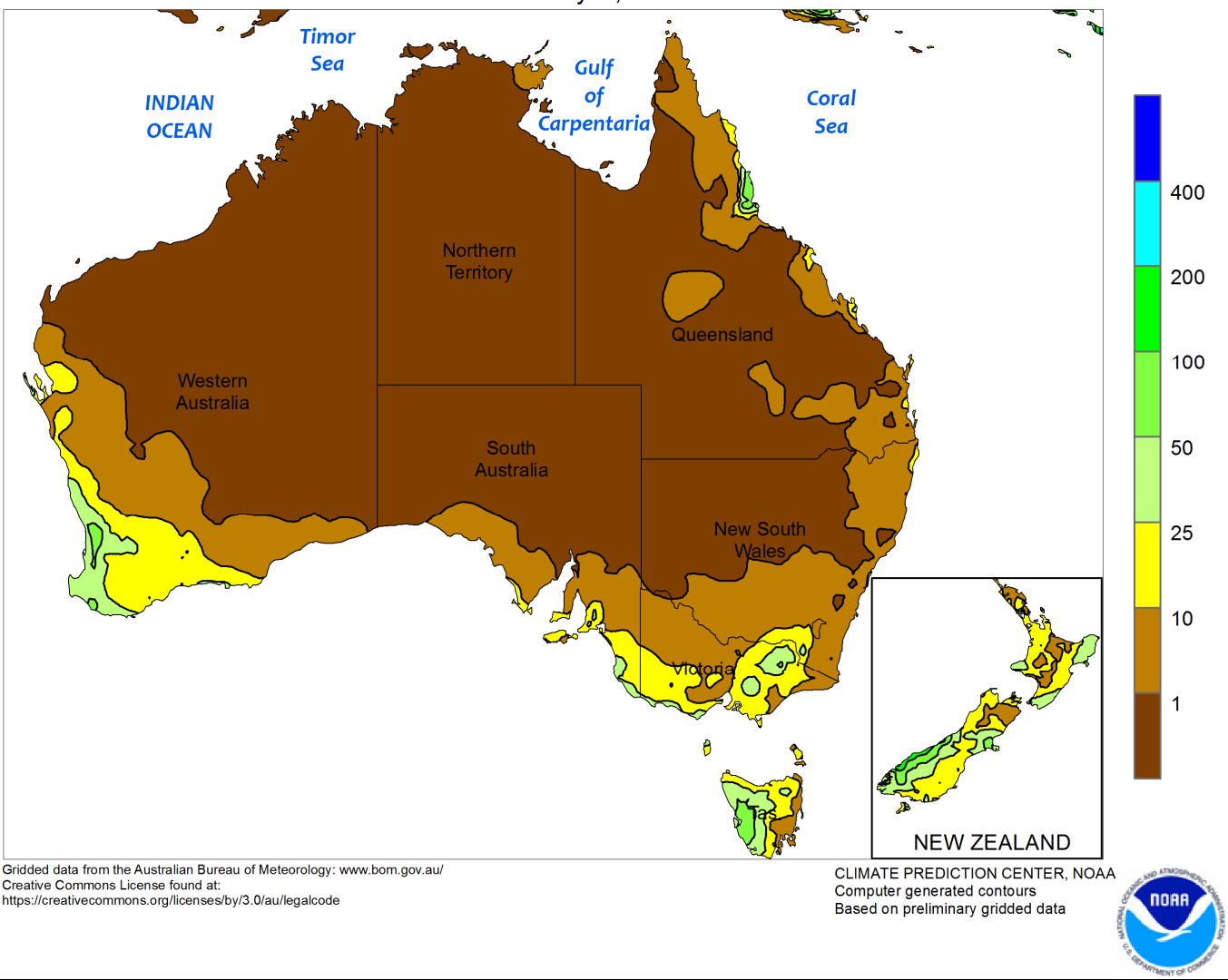


CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

SOUTHEAST ASIA

Monsoon showers returned to parts of Thailand and the surrounding areas. Rainfall totaled between 25 and 100 mm (locally more) in key rain-fed rice areas of northeastern Thailand and extended into Burma as well as Laos, Cambodia, and southern Vietnam. The moisture eased developing dryness in these areas and aided rice. However, pockets of dryness persisted in northern and central Thailand, limiting reservoir replenishment for irrigation. Meanwhile, seasonably wet weather continued across the Philippines, with over 25 mm of rain reported in most regions. One notable exception was key rice and corn growing areas in northern and western Luzon, where showers have been consistently lighter than normal. Farther south, drier conditions permeated Malaysia and Indonesia, but soil moisture remained favorable for oil palm from above-average rainfall over the last 2 months.

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



AUSTRALIA

Widespread showers (10-25 mm, locally more) in Western Australia further benefited vegetative winter grains and oilseeds, helping to maintain generally good early season crop prospects. Similarly, in southeastern Australia scattered showers (5-20 mm, locally more) fell across the southern tier of the wheat belt, aiding wheat, barley, and canola development. Elsewhere in southern and eastern Australia, isolated showers (generally less than 5 mm) provided little additional moisture for vegetative winter crops. More rain is needed in these latter areas to help sustain early season yield prospects and to help the region further recover from severe, long-term drought. Temperatures averaged within 1°C of normal throughout the entire wheat belt, favoring winter crop development.

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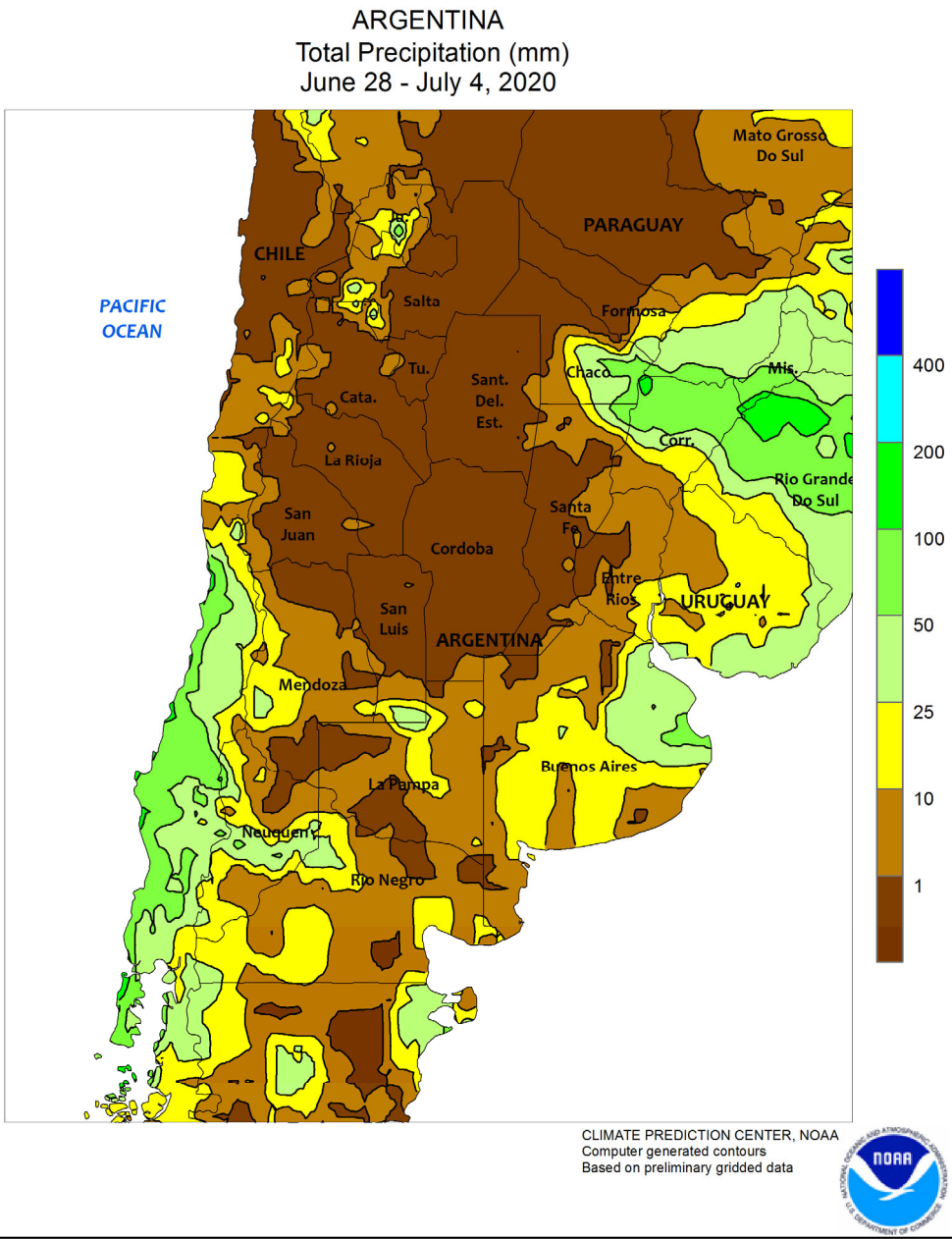
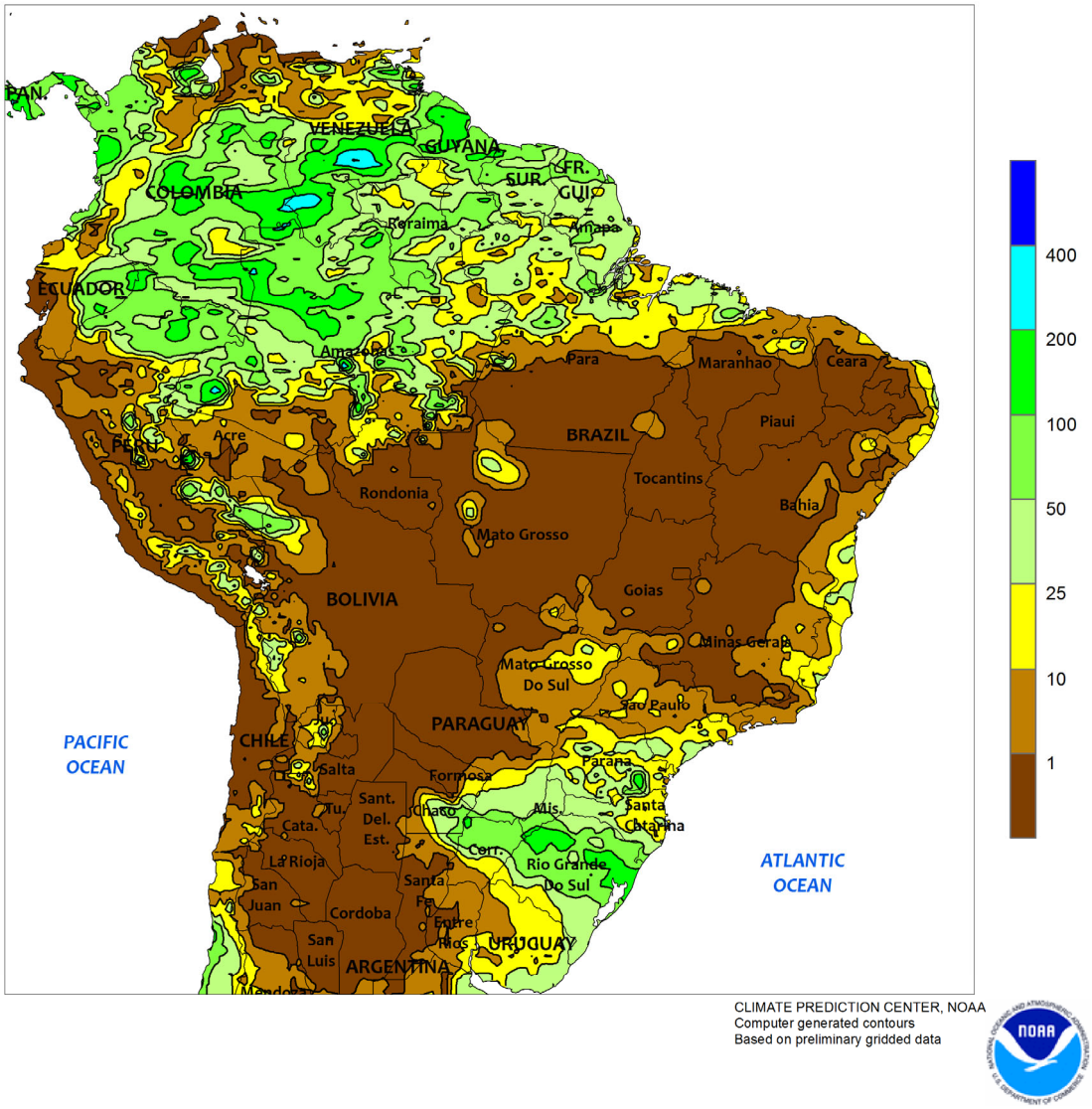


ARGENTINA

Showers overspread La Pampa and Buenos Aires, sustaining generally favorable prospects for emerging winter wheat and barley. Rainfall totaled 5 to 25 mm in most locations, with higher amounts in the more easterly agricultural areas. However, drier conditions persisted from Cordoba and Santa Fe northward, areas which have been trending drier than normal since March. Temperatures averaged near to below normal throughout the country, with daytime highs in major agricultural areas ranging from the lower 10s (degrees C) in southern Buenos Aires to the upper 20s in Chaco and Formosa. According to the government of Argentina, corn and cotton were 86 and 96 percent harvested, respectively, as of July 2. Wheat planting was still ahead of last year's pace (75 percent planted versus 66 percent last year), though delays were reported due to the dryness in western production areas. Barley was 67 percent planted, 14 points ahead of last year's pace.

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

BRAZIL
Total Precipitation (mm)
June 28 - July 4, 2020



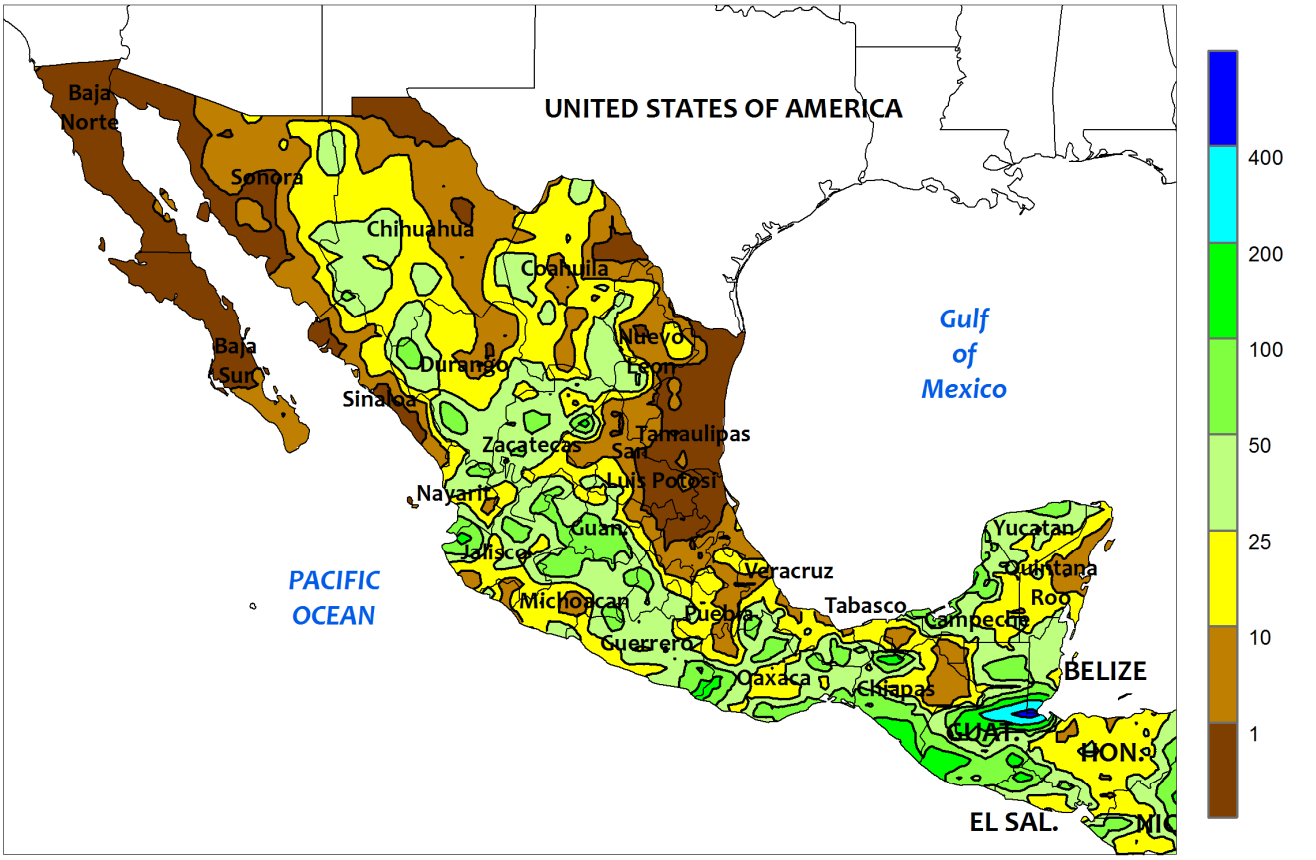
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

BRAZIL

Light to moderate showers maintained mostly favorable prospects for emerging to vegetative wheat in Parana and Rio Grande do Sul, Brazil's lead producing states. Rainfall totaled 5 to 25 mm or more, with most locations receiving at least 10 mm. Mild weather (weekly temperatures averaging up to 4°C below normal) accompanied the occasional rain, with daytime highs failing to reach 20°C over much of Rio Grande do Sul; frost (nighttime lows dropping near or below freezing) was generally confined to traditionally cooler locations in southeastern Parana and Rio Grande do Sul, with little impact likely on immature second-crop corn. According to the government of Parana, second-crop corn was 5 percent harvested as of June 29, with 51 percent of the remaining crop mature in development; wheat was 94 percent planted. As of July 2, wheat was 87 percent planted in Rio Grande do Sul. Elsewhere, sunny, generally warm weather fostered rapid development of corn and cotton in Brazil's central and northeastern interior, with mostly light showers (generally below 10 mm) along the eastern coast. Second-crop corn was reportedly 46 percent harvested in Mato Grosso as of July 3, lagging last year's pace by 15 points while cotton was 2 percent harvested, slightly trailing last year (4 percent).

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

MEXICO
Total Precipitation (mm)
June 28 - July 4, 2020



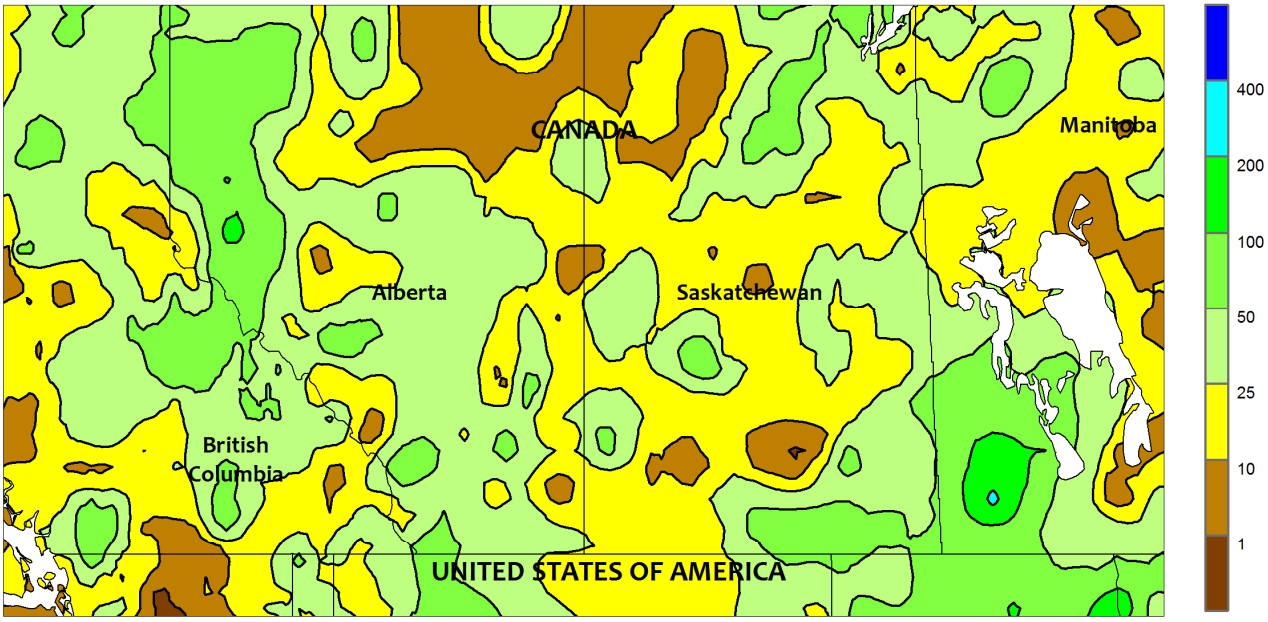
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

MEXICO

A second week of locally heavy showers improved prospects for emerging corn in western sections of the southern plateau, following an erratic start to the summer rainy season. Moderate to heavy rain (25 to more than 50 mm) fell from Jalisco to Hidalgo, with more variable rainfall (5-25 mm) from Michoacan to Oaxaca. In contrast, mostly dry weather prevailed from Puebla northward through Tamaulipas, which had recorded earlier periods of beneficial rainfall. Elsewhere, showers (5-25 mm or more) were scattered throughout the southeast, with highest rainfall accumulations (50-100 mm) concentrated over southern Chiapas. Similarly, monsoon showers (locally greater than 50 mm) trekked northward from Nayarit and Zacatecas to southern sections of Sonora and Chihuahua, with scattered showers also reaching into Chihuahua and Nuevo Leon.

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

CANADIAN PRAIRIES
Total Precipitation (mm)
June 28 - July 4, 2020



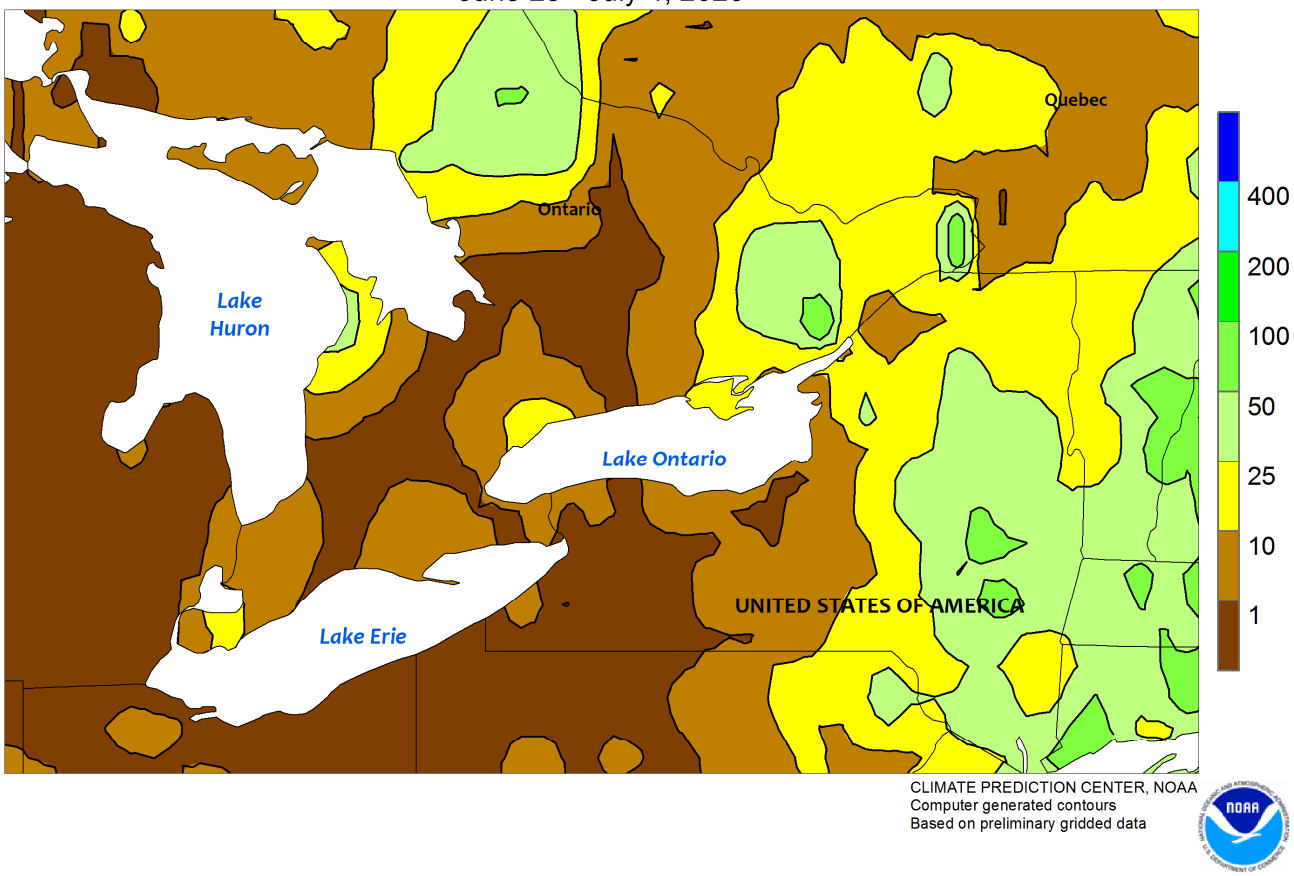
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

CANADIAN PRAIRIES

Locally heavy showers helped to alleviate dryness in eastern farming areas, but some locations struggled with field ponding and localized flooding. Rainfall totaled more than 50 mm over large sections of western Manitoba, with amounts locally exceeding 100 mm. According to reports emanating from Manitoba, which recorded the highest amounts, low-lying fields were experiencing standing water and crops were at a high risk of fusarium among other pests and diseases. Moderate to heavy rain (10-50 mm or more) also fell in previously dry locations in eastern Saskatchewan, though lighter rain (mostly below 25 mm) was recorded elsewhere in the province. Meanwhile, locally heavy showers (25-50 mm or more) maintained adequate to locally excessive levels of moisture in Alberta. Weekly temperatures were near to below normal in the western Prairies and up to 6°C above normal in Manitoba, where daytime highs reached the lower 30s (degrees C). Cooler weather prevailed farther west, although nighttime lows stayed above 5°C.

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

SOUTHEASTERN CANADA
Total Precipitation (mm)
June 28 - July 4, 2020



SOUTHEASTERN CANADA

Scattered showers lingered over Quebec and Ontario's eastern farming areas, but dry weather dominated Ontario's main summer growing areas. Although amounts totaled 10 to 25 mm in many northern and eastern farming areas, the rainfall was patchy and most of the region continued to experience a general trend of drier-than-normal weather that has dominated since April. Warmer-than-normal weather (weekly temperatures averaging 2-4°C above normal) maintained high evaporative losses, with daytime highs reaching the lower 30s (degrees C) in most agricultural districts. While initially beneficial, the dry weather has limited moisture for normal growth of summer crops and pastures and a return to a normal rainfall pattern is needed to prevent losses in yield potential as corn and soybeans advance toward reproduction.

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, 2020.

Corn planted area for all purposes in 2020 is estimated at 92.0 million acres, up 3 percent—or 2.31 million acres—from last year. Compared with 2019, planted acreage is expected to be up or unchanged in 28 of the 48 estimating states. Area harvested for grain, at 84.0 million acres, is up 3 percent from last year.

Soybean planted area for 2020 is estimated at 83.8 million acres, up 10 percent from last year. Compared with last year, planted acreage is up or unchanged in 24 of the 29 estimating states.

All wheat planted area for 2020 is estimated at 44.3 million acres, down 2 percent from 2019. This represents the lowest all wheat planted area since records began in 1919.

The 2020 winter wheat planted area, at 30.6 million acres, is down 2 percent from last year and down 1 percent from the previous estimate. Of this total, about 21.5 million acres are Hard Red Winter, 5.63 million acres are Soft Red Winter, and 3.42 million acres are White Winter. Area expected to be planted to other spring wheat for 2020 is estimated at 12.2 million acres, down 4 percent from 2019. Of this total, about 11.5 million acres are Hard Red Spring wheat. Durum planted area for 2020 is expected to total 1.50 million acres, up 12 percent from the previous year.

All cotton planted area for 2020 is estimated at 12.2 million acres, down 11 percent from 2019. Upland area is estimated at 12.0 million acres, down 11 percent from 2019. American Pima area is estimated at 195,000 acres, down 15 percent from 2019.

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