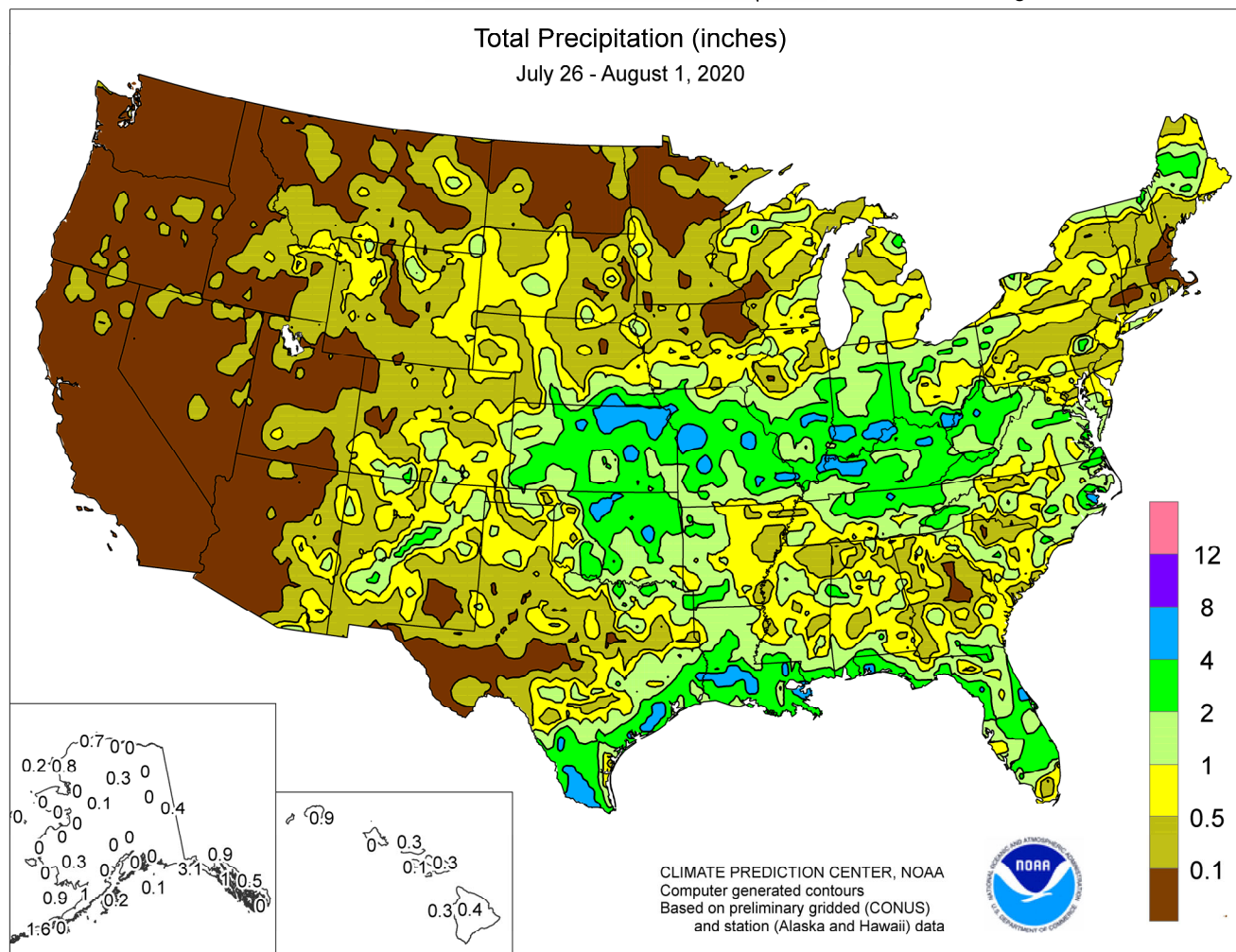


# WEEKLY WEATHER AND CROP BULLETIN

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

July 26 – August 1, 2020

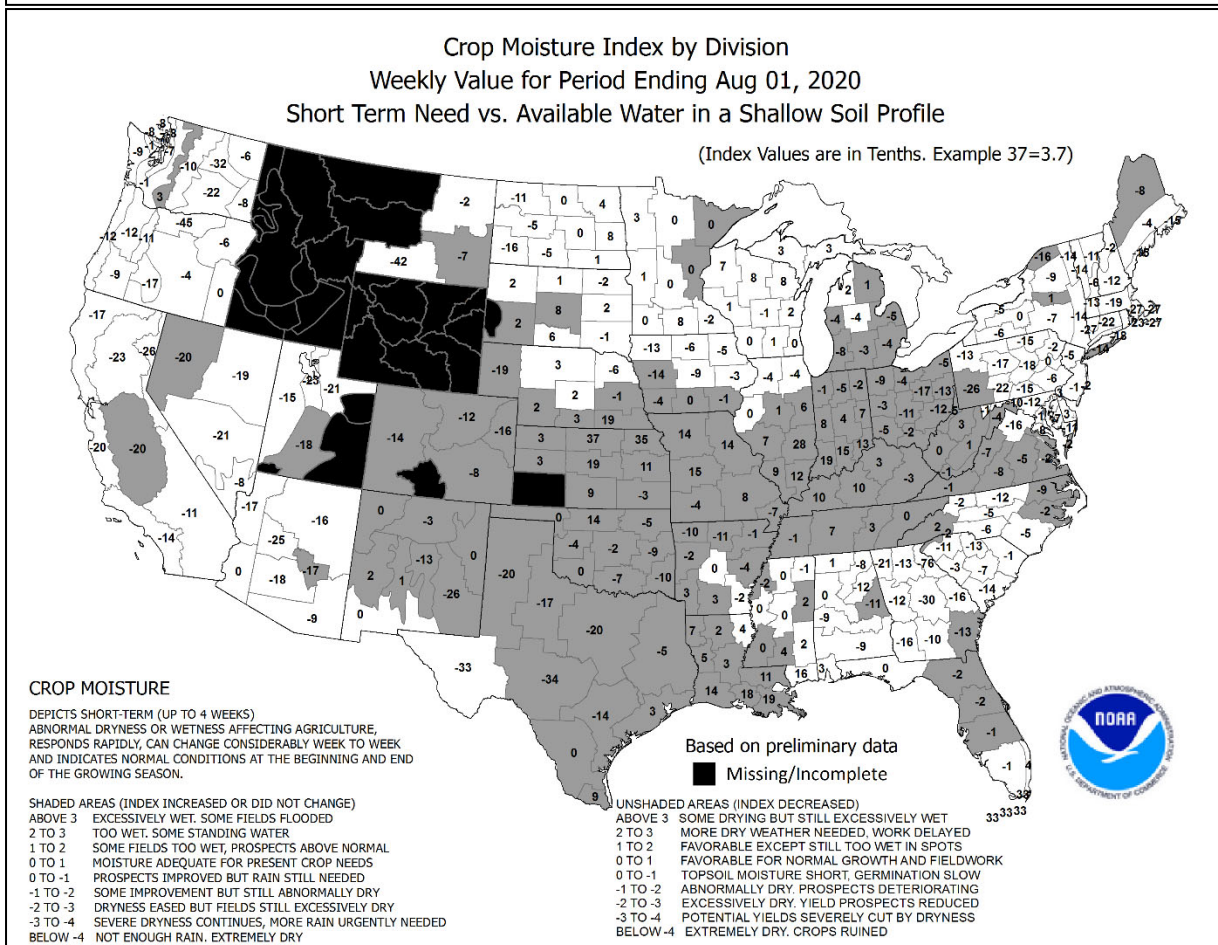
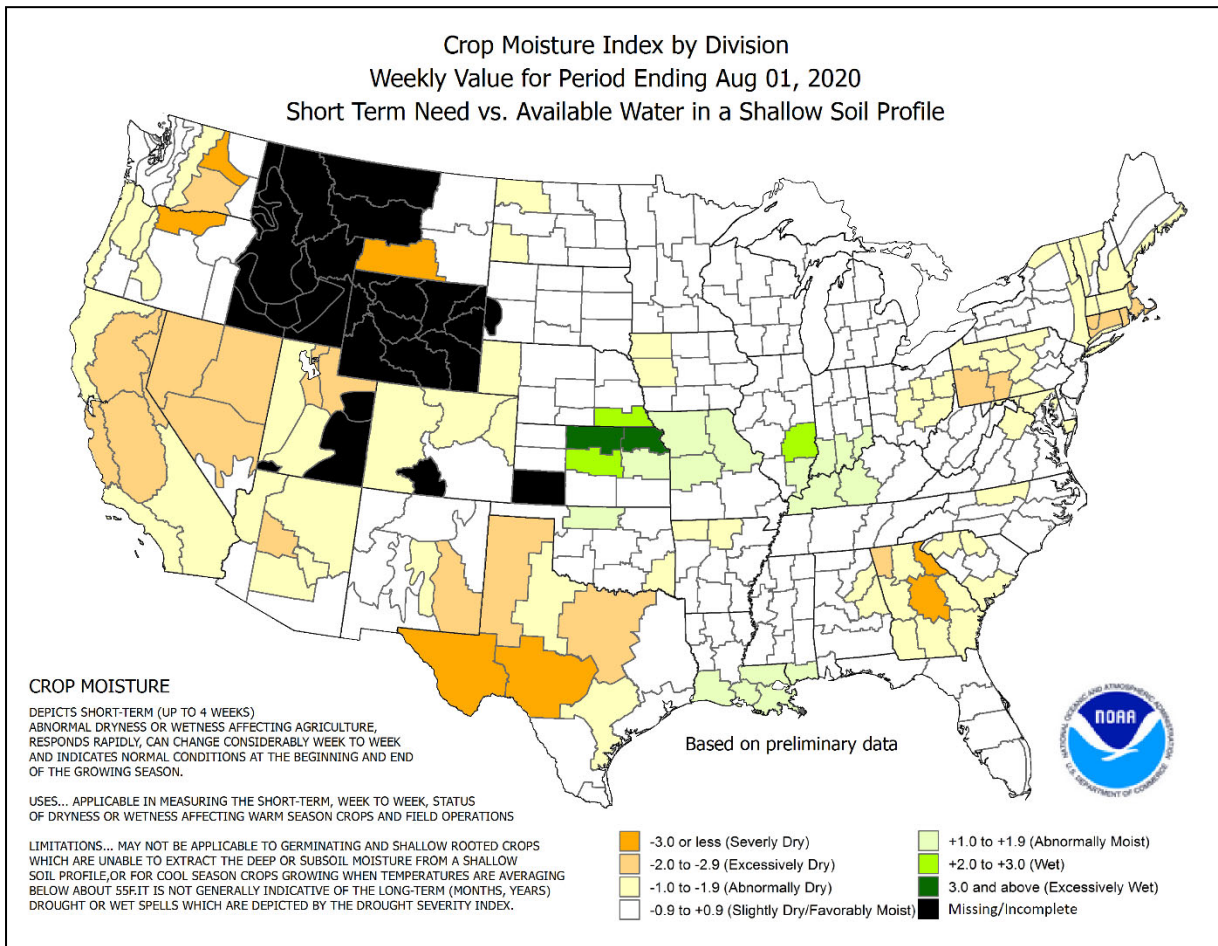
Highlights provided by USDA/WAOB

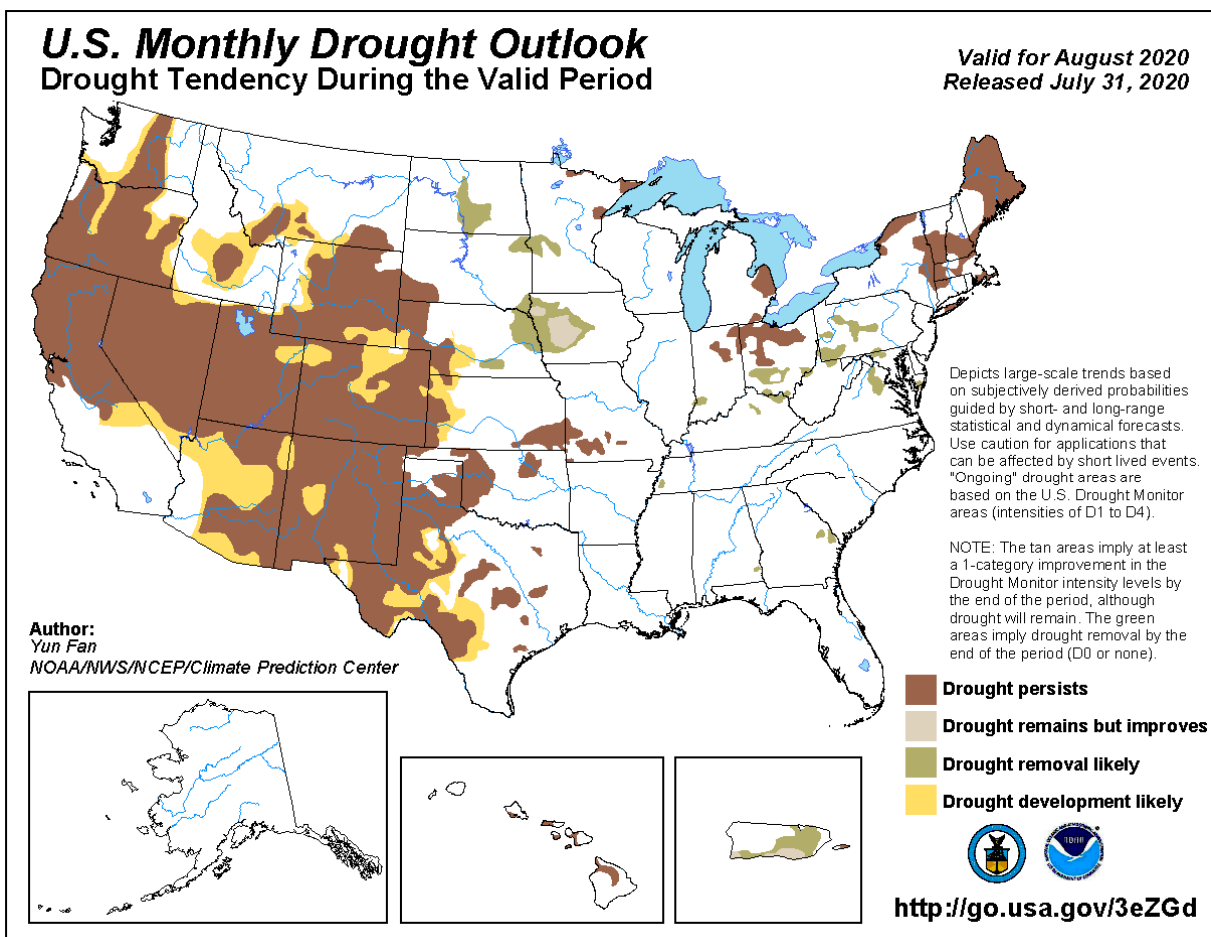
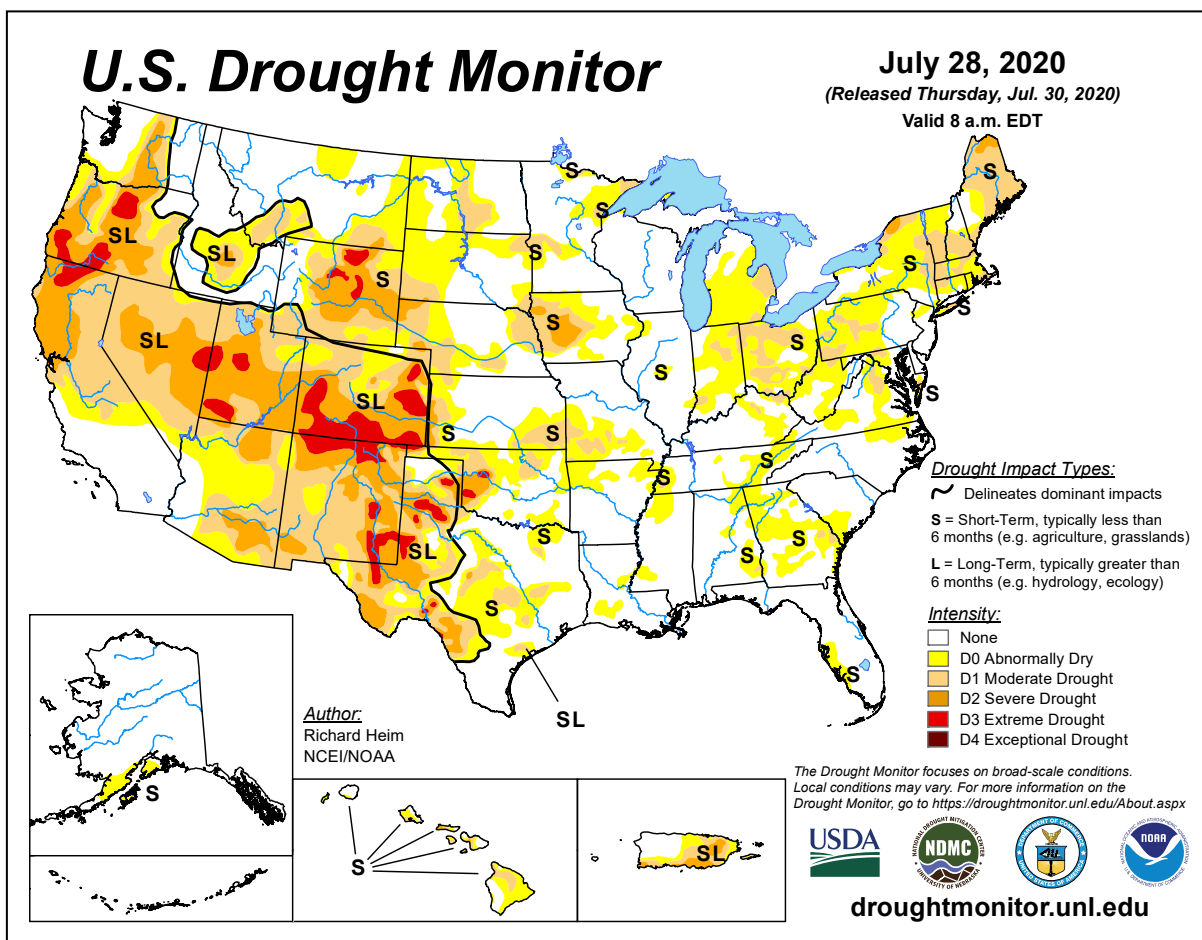
**T**he remnants of Hurricane Hanna produced early-week downpours in **southern Texas**. Subsequently, the focus for heavy showers shifted northward, primarily in the vicinity of a cold front stretching from the **central Plains into the mid-Atlantic**. South of that cold front, warm, humid weather contributed to scattered rain and a rapid pace of crop development. Some heavier showers fell along and near the **Gulf Coast**. As the week progressed, cooler air trailing the front overspread the **Plains and Midwest**. In fact, weekly temperatures averaged as much

(Continued on page 5)

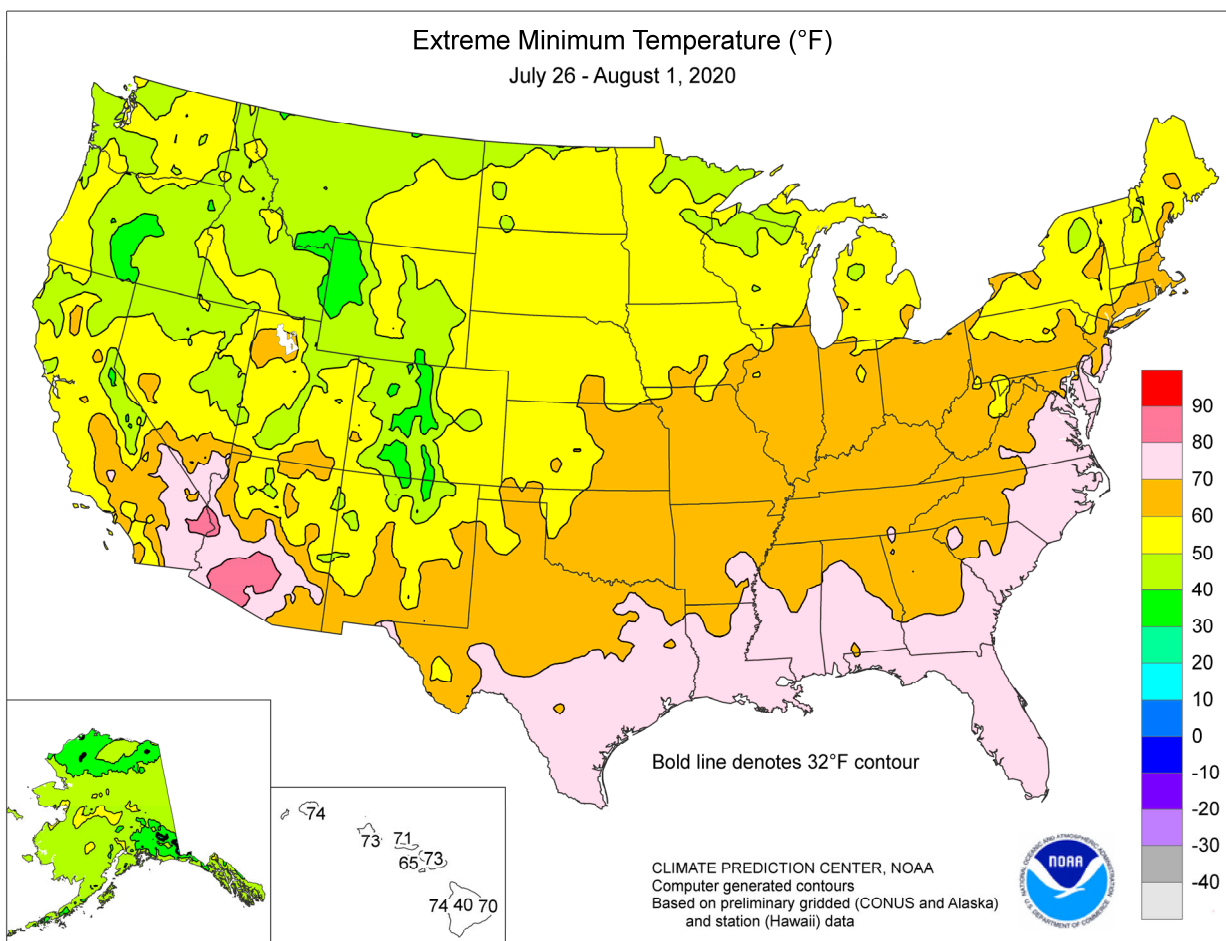
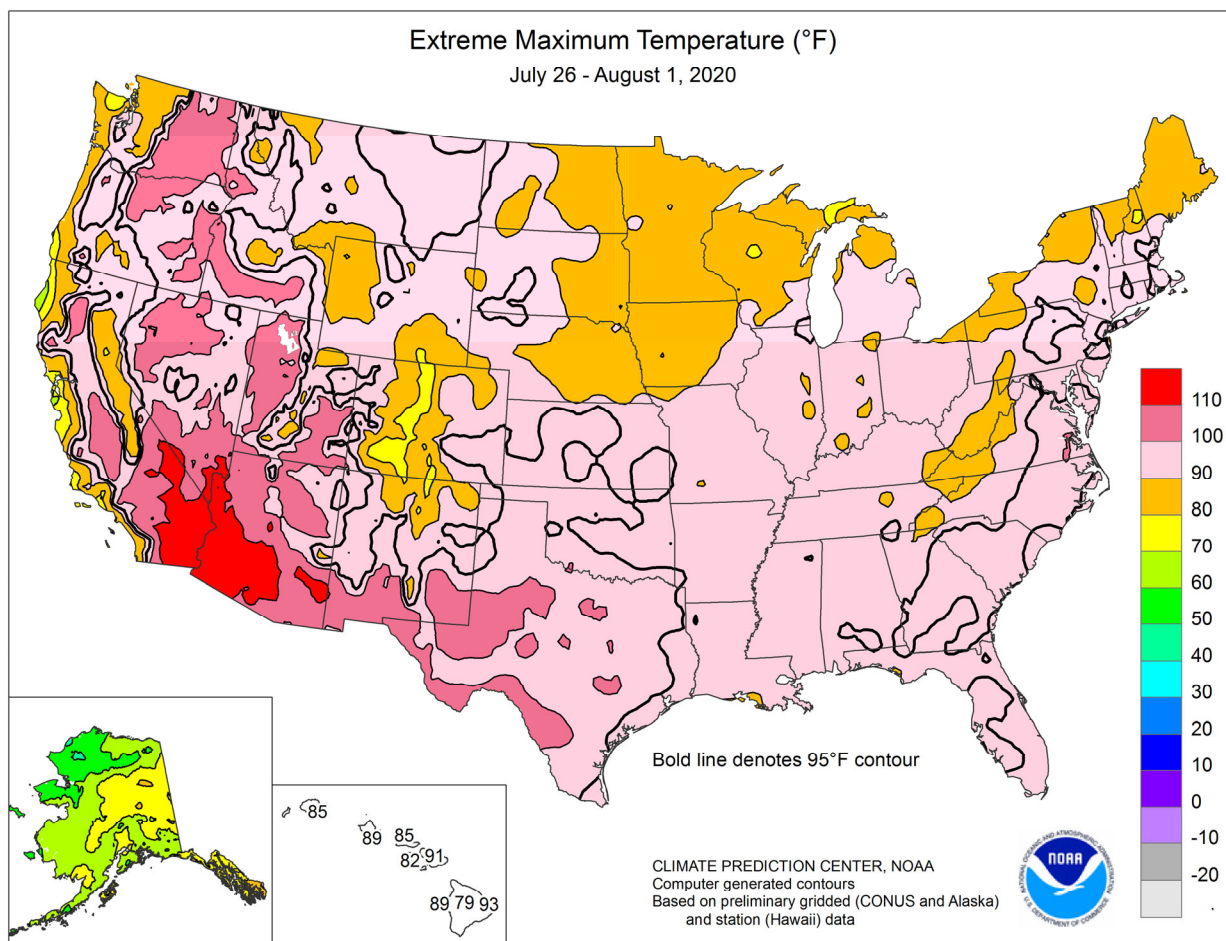
## Contents

Crop Moisture Maps .....	2
July 28 Drought Monitor & <b>U.S. Monthly Drought Outlook</b> .....	3
Extreme Maximum & Minimum Temperature Maps .....	4
Temperature Departure Map .....	5
Growing Degree Day Maps .....	6
National Weather Data for Selected Cities .....	8
National Agricultural Summary .....	11
Crop Progress and Condition Tables .....	12
International Weather and Crop Summary & <b>July International Temperature/Precipitation Table</b> .....	19
Bulletin Information & <b>August 3 Satellite Image of Hurricane Isaias</b> .....	34





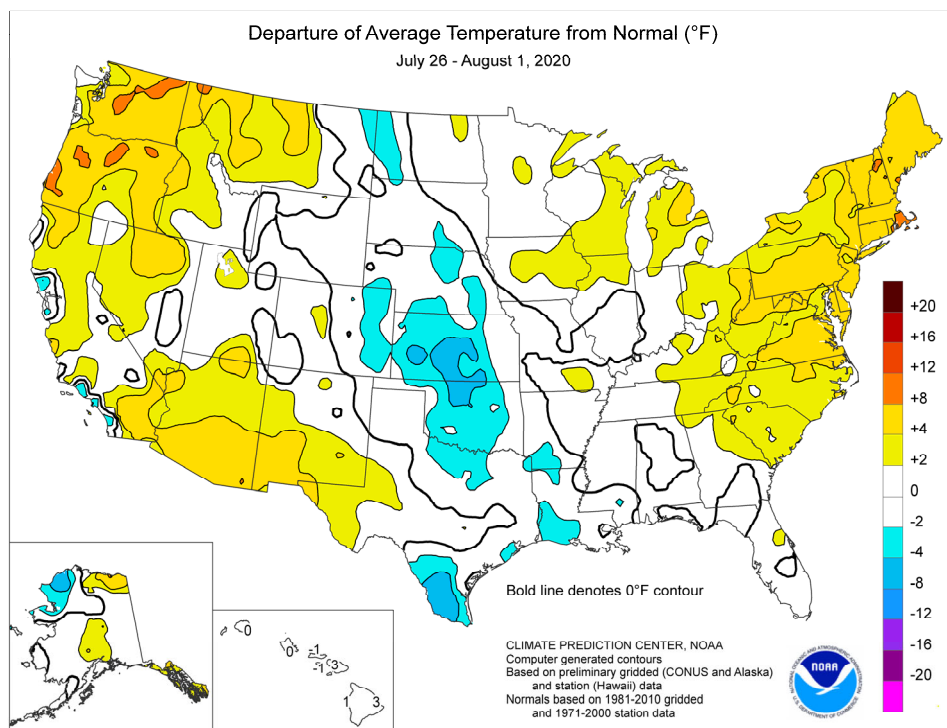






(Continued from front cover)

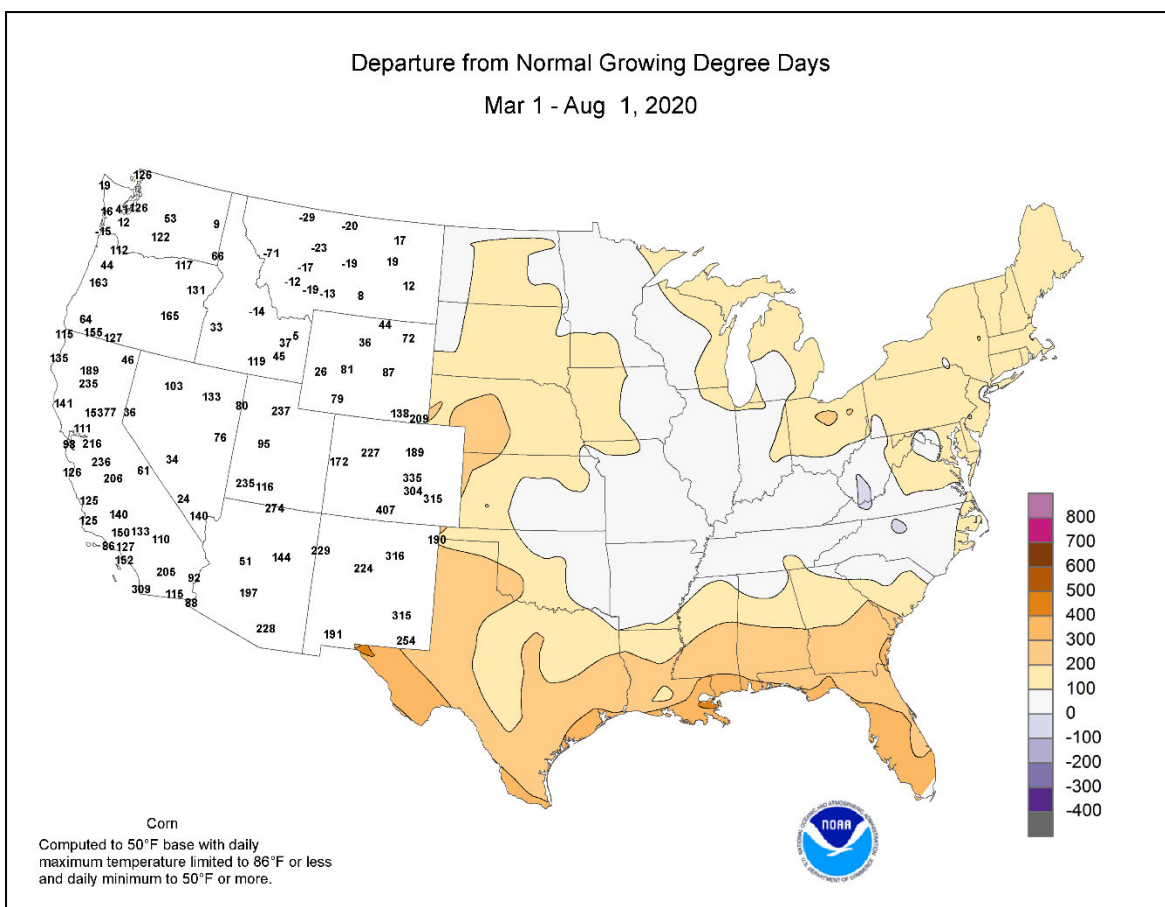
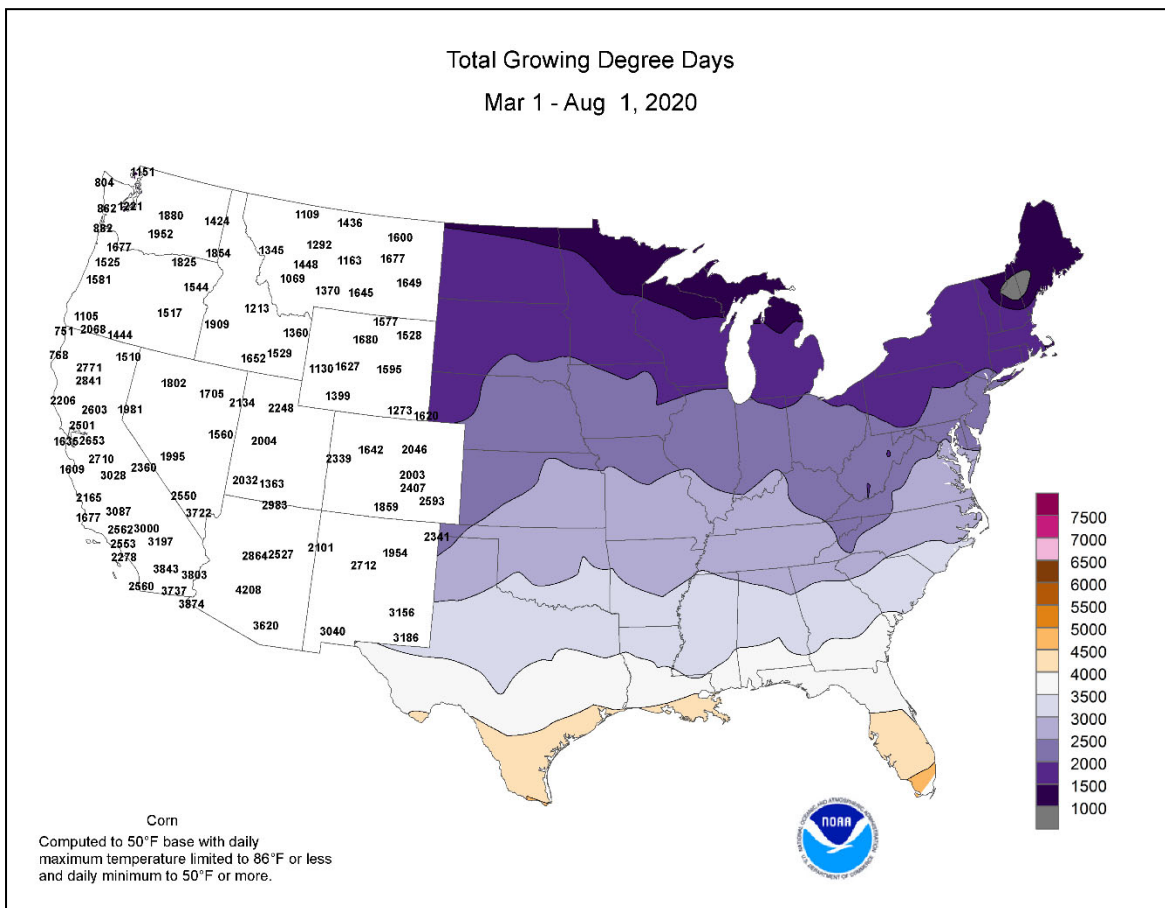
as 5°F below normal in **Kansas** and **Oklahoma**. **Upper Midwestern** temperatures remained below 90°F throughout the week, allowing corn and soybeans to develop without experiencing heat stress. North of the front, precipitation from the **northern Plains** into the **Northeast** was mostly light. Still, enough rain fell in the **eastern Corn Belt** to ease drought concerns. However, a notable pocket of drought persisted from **northeastern Nebraska** into central **Iowa**. Elsewhere, shower activity related to the **Southwestern** monsoon diminished early in the week, allowing temperatures to soar. In fact, hot, dry weather dominated the **West** for much of the week, favoring small grain harvesting but reducing soil moisture and increasing stress on rangeland and pastures. Temperatures ranged from 5 to 10°F above normal in parts of **Washington** and **Oregon**. Readings also averaged at least 5°F above normal in many locations from the **middle Atlantic States** into **New England**.

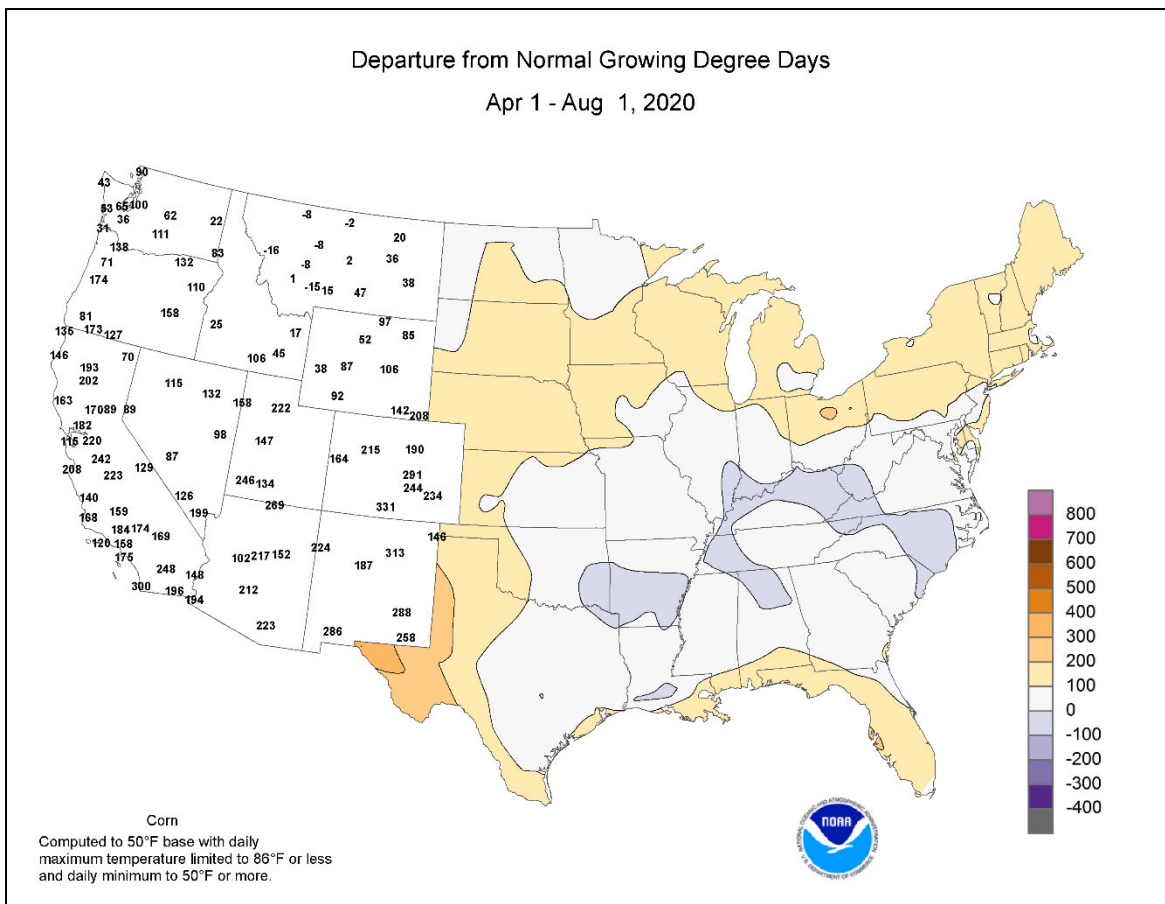
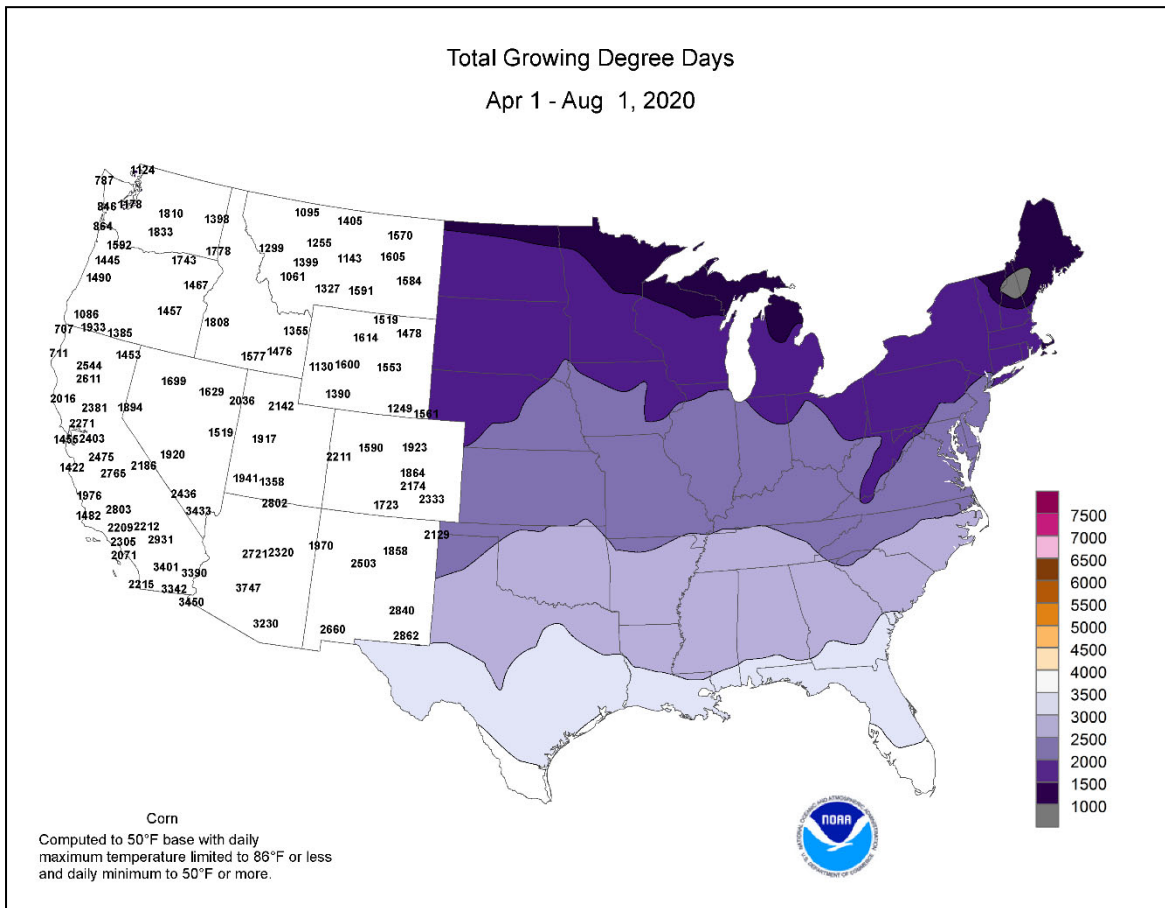


Early in the week, triple-digit heat spread as far north as the **mid-Atlantic** and **Pacific Northwest**. On July 26, daily-record highs soared to 100°F in **Portland, OR**, and **Vancouver, WA**. It was **Portland's** hottest day since July 15, 2018, when it was also 100°F. The following day, **Williamsport, PA**, collected a daily-record high (100°F) for July 27. **Williamsport** had not attained a triple-digit reading since July 22, 2011, when the high reached 103°F. By July 28, **Eastern** daily-record highs included 102°F in **Norfolk, VA**, and 100°F in **Providence, RI**. Like **Williamsport**, **Providence** had last noted a triple-digit reading on July 22, 2011. Meanwhile, **Norfolk** set a monthly record with 5 days of triple-digit heat during July; the previous mark had been 3 days in July 2019 and several earlier months. In addition, **Norfolk** tied a 1952 annual record with 5 days of 100-degree heat. **Mid-Atlantic** locations such as **Roanoke, VA**, and **Washington, DC**, set records for the greatest number of 90-degree days in a month—30 days in **Roanoke** (previously, 26 days in July 1930) and 28 days in **Washington** (previously, 25 days in July 2011). The late-month heat wave capped the hottest month on record in many **Eastern** locations, including **Miami, FL** (average temperature of 85.9°F); **Harrisburg, PA** (82.2°F); and **Clarksburg, WV** (78.7°F). **Clarksburg's** former record of 77.6°F had stood since 1934. Monthly heat records in **New York** cities such as **Buffalo** (77.6°F), **Syracuse** (77.1°F), and **Watertown** (74.4°F) had survived since July 1921 or 1955. Record-setting July heat extended to other parts of the country, including the **Southwest**. For example, July 2020 was the hottest month on record in **Phoenix, AZ** (98.9°F); **Del Rio, TX** (92.0°F); **Tucson, AZ** (91.5°F); and **Roswell, NM** (87.6°F). **Phoenix** also closed the month with a trio of daily-record highs (115, 118, and 116°F) from July 29-31. In **southern California**, daily-record highs on the last day of July surged to 125°F in **Death Valley**; 122°F in **Palm Springs**; 121°F in **Needles**; and 120°F in **Thermal**. Extreme heat extended into the **Northwest**, where **Richland, WA**, registered 113°F on July 30—tying an all-time record first achieved on August 5, 1961. **Pocatello, ID** (104°F on July 31), tied a station record previously achieved on August 2, 1969; August 8, 1990; and July 22, 2000. In **Utah**, **Salt Lake City** tallied a trio of daily-record highs (104, 105, and 105°F) from July 31 – August 2.

July 25-26 rainfall totals in **southern Texas** associated with Hurricane Hanna included 8.30 inches in **McAllen** and 4.32 inches in **Brownsville**. The 4.52-inch total in **McAllen** on the 26th was a record for any July day; the previous record of 4.25 inches had been set on July 20, 2005. Selected peak wind gusts from Hanna reached 63 mph in **Harlingen** and 59 mph in **McAllen**. Farther north, the week began with heavy rain falling in portions of the **Great Lakes States**. July 25-26 rainfall in **Mankato, MN**, totaled 5.57 inches, while daily-record totals for the 26th in **Michigan** reached 3.59 inches in **Alpena** and 2.44 inches in **Sault Sainte Marie**. As the week progressed, the heaviest showers shifted to the **Gulf Coast region** and an area stretching from the **central Plains** into the **lower Midwest**. Daily-record rainfall totals topped 2 inches in locations such as **Fort Wayne, IN** (2.24 inches on July 27); **Saint Louis, MO** (2.34 inches on July 30); **Topeka, KS** (2.53 inches on July 29); **New Iberia, LA** (2.84 inches on July 28); and **Jackson, MS** (3.48 inches on August 1). A few heavy showers also peppered the **southern Atlantic States**, leading to daily-record amounts in **Columbia, SC** (3.83 inches on July 29), and **New Bern, NC** (3.04 inches on August 1).

In **Alaska**, near-normal temperatures accompanied generally light precipitation. However, a late-month surge of warmth across **southeastern Alaska** resulted in several record highs. On July 30-31, **Yakutat** posted consecutive daily-record highs (76 and 80°F, respectively). Meanwhile, **Sitka** reached 88°F on July 31, tying an all-time high originally set on July 30, 1976. Locally significant rain developed across **interior Alaska**, where **King Salmon** netted a daily-record total of 0.84 inch on July 31. Farther south, **Hawaii** dodged Hurricane Douglas as the week began. On the afternoon of July 26 and early the following day, the core of Douglas—bearing sustained winds of 85 to 90 mph—passed just north of **Maui**, **Molokai**, **Oahu**, and **Kauai**. A northerly wind gust to 39 mph was clocked at the **Molokai Airport** on July 26, followed by a daily-record rainfall of 0.59 inch in **Lihue, Kauai**, on July 27. Meanwhile on the **Big Island**, **Hilo** ended the month on a drier-than-normal note, with a final July total of 5.27 inches (49 percent of normal).







# National Weather Data for Selected Cities

Weather Data for the Week Ending August 1, 2020

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.		
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
AL	BIRMINGHAM	90	73	94	71	82	0	1.11	0.09	0.97	9.46	101	33.52	139	91	56	4	0	5	1	
	HUNTSVILLE	91	72	94	69	82	1	0.43	-0.39	0.25	7.25	85	29.70	128	96	54	6	0	3	0	
	MOBILE	87	74	92	72	81	-1	1.64	-0.05	0.77	18.74	137	28.88	97	100	67	2	0	4	2	
	MONTGOMERY	92	74	94	72	83	1	1.41	0.39	1.24	15.30	162	30.02	131	93	55	7	0	3	1	
AK	ANCHORAGE	68	55	73	52	61	2	0.36	-0.16	0.33	2.70	92	6.18	130	86	54	0	0	2	0	
	BARROW	45	38	53	33	41	1	0.39	0.14	0.34	1.02	72	2.78	145	92	78	0	0	3	0	
	FAIRBANKS	71	54	79	51	63	2	0.21	-0.30	0.14	5.53	153	7.28	149	89	49	0	0	3	0	
	JUNEAU	69	51	78	44	60	2	1.43	0.29	1.13	13.63	170	23.78	131	96	57	0	0	3	1	
AZ	KODIAK	64	51	73	48	58	2	0.17	-0.86	0.13	7.95	72	15.15	54	88	62	0	0	2	0	
	NOME	56	49	63	46	53	1	0.31	-0.33	0.16	2.60	81	7.84	141	95	79	0	0	6	0	
	FLAGSTAFF	88	54	92	50	71	5	0.00	-0.80	0.00	1.48	47	6.99	99	62	16	3	0	0	0	
	PHOENIX	114	90	118	86	102	8	0.00	-0.28	0.00	0.12	10	2.18	85	32	12	7	0	0	0	
AR	PRESCOTT	96	63	102	60	80	5	0.00	-0.62	0.00	1.19	45	5.22	111	48	13	7	0	0	0	
	TUCSON	107	80	110	76	94	8	0.00	-0.66	0.00	0.52	20	1.31	33	50	15	7	0	0	0	
	FORT SMITH	91	72	95	65	81	-2	0.99	0.28	0.92	4.35	56	23.19	108	89	50	4	0	2	1	
	LITTLE ROCK	89	73	92	70	81	-3	0.72	0.08	0.38	8.93	128	26.45	121	93	56	4	0	2	0	
CA	BAKERSFIELD	101	74	103	72	88	3	0.00	0.00	0.00	0.02	20	4.48	217	47	16	7	0	0	0	
	EUREKA	60	52	62	51	56	-2	0.00	-0.04	0.00	0.47	47	8.28	72	97	90	0	0	0	0	
	FRESNO	102	71	104	67	87	3	0.00	0.00	0.00	0.00	0	4.00	107	49	15	7	0	0	0	
	LOS ANGELES	71	60	79	59	66	-4	0.00	-0.01	0.00	0.00	0	6.98	237	91	64	0	0	0	0	
CO	REDDING	103	68	106	63	85	3	0.00	-0.02	0.00	0.00	0	11.20	118	58	12	7	0	0	0	
	SACRAMENTO	96	59	98	57	77	2	0.00	0.00	0.00	0.00	0	3.58	74	80	19	7	0	0	0	
	SAN DIEGO	73	65	77	63	69	-2	0.00	-0.01	0.00	0.15	123	6.12	213	87	66	0	0	0	0	
	SAN FRANCISCO	68	56	71	55	62	-2	0.00	0.00	0.00	0.00	0	3.02	61	92	60	0	0	0	0	
CT	STOCKTON	98	60	99	58	79	2	0.00	0.00	0.00	0.00	0	3.18	83	70	18	7	0	0	0	
	ALAMOSA	82	49	88	42	66	1	0.64	0.39	0.35	1.78	115	2.32	71	92	26	0	0	2	0	
	CO SPRINGS	86	58	94	55	72	1	0.38	-0.39	0.22	2.42	44	5.43	54	81	28	2	0	2	0	
	DENVER INTL	87	58	93	53	73	-2	0.19	-0.34	0.12	1.75	41	5.23	58	84	28	3	0	5	0	
DC	GRAND JUNCTION	97	64	101	60	81	2	0.01	-0.17	0.01	0.61	54	2.46	62	48	13	7	0	1	0	
	PUEBLO	90	61	100	57	76	0	0.96	0.43	0.33	2.03	57	2.77	37	95	30	4	0	5	0	
	BRIDGEPORT	90	73	94	69	81	6	0.56	-0.37	0.43	8.72	121	19.19	100	87	46	4	0	2	0	
	HARTFORD	93	67	98	62	80	6	0.00	-1.06	0.00	2.26	26	13.84	68	84	33	7	0	0	0	
DE	WASHINGTON	92	76	96	74	84	4	0.22	-0.58	0.16	10.11	133	21.43	118	88	47	5	0	2	0	
	WILMINGTON	91	73	94	70	82	5	0.20	-0.78	0.20	7.20	83	17.37	87	90	45	5	0	1	0	
	FL	DAYTONA BEACH	91	74	92	72	82	0	2.26	0.91	1.04	13.12	110	20.21	94	100	63	5	0	4	2
		JACKSONVILLE	92	73	94	72	82	0	2.66	1.22	2.41	15.31	116	24.68	111	97	56	5	0	3	1
KEY WEST		91	82	93	80	87	2	0.08	-0.74	0.08	14.05	180	19.07	128	78	62	6	0	1	0	
MIAMI		93	80	94	77	87	2	0.94	-0.51	0.81	17.53	106	39.35	141	81	54	7	0	2	1	
GA	ORLANDO	92	75	94	74	84	1	0.56	-1.13	0.22	17.56	116	23.90	95	96	53	6	0	4	0	
	PENSACOLA	90	76	93	75	83	1	2.22	0.49	1.36	15.34	107	21.58	75	94	61	4	0	3	1	
	TALLAHASSEE	91	74	94	73	83	1	2.45	0.72	1.26	16.22	107	26.72	96	99	57	5	0	4	3	
	TAMPA	93	78	98	76	86	2	0.74	-0.84	0.59	10.87	77	17.33	82	79	49	7	0	4	1	
HI	WEST PALM BEACH	90	77	92	73	84	1	0.83	-0.46	0.59	17.35	121	29.69	109	89	60	6	0	3	1	
	ATHENS	96	73	99	68	85	4	0.15	-0.81	0.15	4.62	52	18.48	95	90	42	7	0	1	0	
	ATLANTA	90	74	93	71	82	2	0.61	-0.42	0.60	5.29	56	22.46	106	88	54	4	0	2	1	
	AUGUSTA	96	74	100	70	85	4	0.48	-0.56	0.24	9.50	102	26.85	142	94	44	7	0	5	0	
ID	COLUMBUS	92	74	96	70	83	0	0.46	-0.54	0.44	7.93	92	24.61	118	93	55	6	0	2	0	
	MACON	95	73	98	69	84	2	0.00	-1.04	0.00	4.09	44	23.43	120	91	47	7	0	0	0	
	SAVANNAH	94	76	97	73	85	2	1.28	-0.17	0.63	9.57	81	25.91	120	94	53	7	0	4	1	
	HILO	86	73	93	70	79	3	1.30	-1.31	0.47	10.26	55	49.98	96	86	54	1	0	6	0	
IL	HONOLULU	88	76	89	73	82	0	0.09	-0.05	0.03	0.73	85	7.74	187	79	45	0	0	4	0	
	KAHULUI	89	75	91	73	82	3	0.29	0.16	0.28	0.29	37	5.47	98	79	43	5	0	2	0	
	LIHUE	83	75	85	74	79	0	0.93	0.44	0.65	5.77	162	25.40	203	94	67	0	0	7	1	
	BOISE	99	65	105	56	82	5	0.13	0.05	0.13	3.02	276	7.15	140	55	13	7	0	1	0	
IN	LEWISTON	98	67	105	56	83	6	0.00	-0.12	0.00	2.45	125	7.04	116	53	16	7	0	0	0	
	POCATELLO	94	51	104	47	73	1	0.11	-0.04	0.11	2.00	121	6.54	118	82	16	6	0	1	0	
	CHICAGO/O_HARE	87	70	96	66	79	5	0.73	-0.25	0.57	6.12	84	22.81	136	85	45	3	0	4	1	
	MOLINE	86	67	93	62	76	1	0.88	0.02	0.79	7.36	82	17.19	87	89	52	2	0	3	1	
IA	PEORIA	85	67	92	63	76	1	0.23	-0.58	0.23	10.31	139	23.68	130	88	54	1	0	1	0	
	ROCKFORD	86	66	95	62	76	3	0.88	-0.07	0.87	6.91	78	18.15	98	86	48	1	0	2	1	
	SPRINGFIELD	83	67	92	62	75	0	1.59	0.80	0.63	8.24	96	22.45	118	94	63	2	0	4	2	
	EVANSVILLE	88	70	92	65	79	1	4.10	3.33	1.97	14.00	179	31.14	143	91	60	3	0	4	2	
KS	FORT WAYNE	83	65	91	62	74	1	1.07	0.14	0.67	6.03	70	15.41	81	94	60	1	0	2	1	
	INDIANAPOLIS	85	68	92	64	76	1	1.16	0.31	1.00	9.50	106	23.21	108	93	57	2	0	3	1	
	SOUTH BEND	85	65	93	60	75	3	0.63	-0.29	0.54	11.29	142	22.38	129	93	51	1	0	2	1	
	BURLINGTON	85	66	93	61	76	-1	1.12	0.20	0.77	8.82	99	17.13	84	95	56	1	0	4	1	
LA	CEDAR RAPIDS	84	64	90	57	74	1	0.68	-0.24	0.66	10.53	110	17.18	91	100	54	1	0	2	1	
	DES MOINES	86	68	90	61	77	1	0.52	-0.43	0.52	7.21	75	18.22	88	88	46	1	0	1	1	
	DUBUQUE																				

## Weather Data for the Week Ending August 1, 2020

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
KY	WICHITA	87	70	95	64	78	-3	1.11	0.44	0.57	6.39	74	16.73	90	89	55	1	0	4	1
	LEXINGTON	87	69	92	68	78	2	2.50	1.49	1.21	7.30	78	22.48	101	99	46	3	0	6	2
	LOUISVILLE	89	73	94	68	81	2	3.40	2.43	2.36	12.41	152	27.28	126	89	57	4	0	3	2
LA	PADUCAH	88	72	93	66	80	2	1.56	0.67	1.07	8.91	103	23.34	104	94	64	4	0	4	1
	BATON ROUGE	88	75	93	72	81	-2	3.93	2.51	2.65	17.65	140	31.98	136	96	65	3	0	4	2
	LAKE CHARLES	87	74	91	71	80	-3	2.23	1.03	1.08	11.30	89	23.34	94	100	72	1	0	6	2
ME	NEW ORLEANS	91	78	95	76	84	1	6.45	5.17	3.33	25.53	179	40.53	144	89	60	5	0	4	3
	SHREVEPORT	90	73	94	70	82	-2	0.60	-0.15	0.60	9.11	99	29.11	129	96	58	4	0	1	1
	CARIBOU	81	63	85	56	72	6	0.69	-0.17	0.29	4.01	52	12.15	75	91	54	0	0	6	0
MD	PORTLAND	89	69	93	64	79	9	0.01	-0.78	0.01	5.86	78	16.78	83	79	43	3	0	1	0
	BALTIMORE	92	74	97	71	83	6	0.50	-0.43	0.41	9.46	123	20.10	107	87	44	5	0	2	0
	BOSTON	88	72	95	68	80	6	0.00	-0.86	0.00	4.72	65	14.92	79	78	42	3	0	0	0
MA	WORCESTER	88	68	92	67	78	7	0.01	-0.98	0.01	3.91	45	16.00	76	83	40	1	0	1	0
	ALPENA	82	61	88	54	72	4	3.60	2.93	3.59	10.52	184	19.01	150	96	48	0	0	2	1
	GRAND RAPIDS	83	65	91	60	74	2	0.31	-0.53	0.20	7.34	96	19.01	110	95	48	1	0	4	0
MI	HOUGHTON LAKE	83	58	89	50	71	4	0.06	-0.64	0.03	3.28	57	13.07	109	93	42	0	0	2	0
	LANSING	84	63	93	59	74	2	0.36	-0.31	0.32	4.89	76	16.62	112	90	48	1	0	3	0
	MUSKEGON	85	66	91	61	76	5	1.06	0.44	1.02	4.84	96	19.72	147	87	45	1	0	2	1
MN	TRAVERSE CITY	83	64	92	57	73	4	0.12	-0.60	0.11	8.65	138	17.85	132	90	46	1	0	2	0
	DULUTH	80	56	86	52	68	2	0.00	-0.77	0.00	6.07	74	10.17	66	89	45	0	0	0	0
	INT L FALLS	79	52	85	46	65	0	0.02	-0.64	0.02	6.46	84	9.25	71	94	43	0	0	1	0
MS	MINNEAPOLIS	84	64	86	60	74	1	0.78	-0.20	0.45	10.17	120	18.98	116	91	44	0	0	3	0
	ROCHESTER	81	59	84	56	70	0	0.72	-0.28	0.56	8.59	91	18.12	100	92	52	0	0	2	1
	ST. CLOUD	82	57	84	55	69	-1	0.09	-0.63	0.08	7.19	94	11.55	78	96	45	0	0	2	0
MO	JACKSON	90	73	94	72	82	0	3.92	2.84	3.48	13.67	149	28.57	121	94	57	3	0	4	1
	MERIDIAN	91	75	94	72	83	2	0.10	-1.01	0.09	11.98	123	30.18	123	91	56	5	0	2	0
	TUPELO	92	74	96	69	83	1	0.11	-0.73	0.05	9.09	106	26.22	110	92	51	6	0	4	0
MT	COLUMBIA	85	70	93	65	77	0	1.43	0.56	0.56	10.98	122	24.88	116	93	61	1	0	4	2
	KANSAS CITY	83	70	92	64	76	-2	2.57	1.74	1.89	12.11	123	23.13	109	98	59	1	0	4	2
	SAINT LOUIS	86	73	95	68	79	-1	5.67	4.80	2.34	11.94	140	26.55	131	89	59	3	0	5	3
NE	SPRINGFIELD	84	69	90	63	76	-2	1.84	1.16	0.87	6.23	72	30.19	139	98	64	1	0	4	2
	BILLINGS	91	62	93	56	77	2	0.03	-0.21	0.02	4.82	139	7.37	87	61	20	6	0	2	0
	BUTTE	87	49	91	44	68	3	0.17	-0.12	0.17	4.71	129	7.27	94	79	19	3	0	1	0
NV	CUT BANK	89	51	93	42	70	4	0.00	-0.25	0.00	2.75	71	5.14	72	75	17	4	0	0	0
	GLASGOW	91	60	97	50	75	2	0.63	0.30	0.55	4.20	101	7.75	105	74	24	3	0	2	1
	GREAT FALLS	92	54	95	43	73	4	0.00	-0.27	0.00	5.39	133	10.41	117	69	18	5	0	0	0
NH	HAVRE	94	57	99	47	76	5	0.00	-0.25	0.00	3.18	82	5.56	79	70	19	6	0	0	0
	MISSOULA	95	54	100	47	74	4	0.00	-0.21	0.00	2.87	92	7.64	103	76	17	6	0	0	0
	GRAND ISLAND	84	65	88	60	74	-1	2.68	1.94	2.09	5.84	74	17.09	103	91	53	0	0	3	1
NJ	LINCOLN	85	64	89	57	74	-3	0.54	-0.18	0.28	8.94	114	16.08	95	91	53	0	0	3	0
	NORFOLK	86	62	90	56	74	-1	0.48	-0.23	0.48	3.19	41	11.14	69	89	46	1	0	1	0
	NORTH PLATTE	85	63	90	55	74	-1	0.84	0.14	0.55	6.33	96	12.21	92	91	52	1	0	3	1
NM	OMAHA	86	67	90	60	77	0	0.72	-0.15	0.29	4.46	55	10.30	57	93	49	1	0	4	0
	SCOTTSBLUFF	89	61	94	56	75	0	0.17	-0.20	0.16	1.88	39	6.74	67	92	33	5	0	2	0
	VALENTINE	88	59	95	53	74	-1	0.02	-0.65	0.02	8.48	124	12.83	98	87	36	3	0	1	0
NY	ELY	91	48	96	44	70	1	0.09	-0.12	0.09	0.23	16	3.62	81	55	10	5	0	1	0
	LAS VEGAS	108	85	111	82	97	4	0.00	-0.11	0.00	0.00	0	2.04	155	16	6	7	0	0	0
	RENO	96	62	98	60	79	3	0.12	0.06	0.12	0.33	45	1.65	65	48	8	7	0	1	0
OH	WINNEMUCCA	97	56	104	48	77	3	0.01	-0.07	0.01	1.13	135	3.31	88	34	8	6	0	1	0
	CONCORD	92	61	100	57	77	6	0.06	-0.80	0.05	4.48	59	12.89	72	92	35	4	0	2	0
	ATLANTIC_CITY	91	74	95	72	83	6	0.69	-0.20	0.67	12.09	174	19.85	109	89	52	5	0	2	1
PA	NEWARK	92	74	96	69	83	5	1.25	0.08	0.91	13.95	155	23.41	109	83	40	5	0	3	1
	ALBUQUERQUE	91	65	100	62	78	1	0.61	0.21	0.32	2.31	102	3.23	81	76	25	4	0	4	0
	ALBANY	85	61	93	57	73	1	0.43	-0.50	0.37	5.61	69	13.10	72	98	45	1	0	3	0
RI	BINGHAMTON	84	63	93	56	73	5	0.39	-0.43	0.32	6.41	79	16.47	91	93	41	1	0	3	0
	BUFFALO	85	67	89	63	76	5	0.24	-0.56	0.20	6.97	100	17.56	108	81	48	0	0	2	0
	ROCHESTER	84	63	88	59	74	3	0.42	-0.38	0.17	7.27	107	14.24	96	91	45	0	0	4	0
SC	SYRACUSE	86	65	93	59	76	4	0.89	0.06	0.40	6.54	91	16.88	102	88	45	1	0	4	0
	ASHEVILLE	89	68	93	65	78	5	0.17	-0.78	0.13	5.43	59	21.58	108	98	50	2	0	3	0
	CHARLOTTE	92	73	94	69	82	4	0.04	-0.91	0.03	4.13	54	21.53	121	89	49	6	0	2	0
TN	GREENSBORO	91	72	92	70	81	3	0.15	-0.93	0.08	5.97	71	22.05	116	98	55	6	0	4	0
	HATTERAS	90	79	92	75	84	5	1.40	0.13	1.13	12.42	134	33.13	156	86	69	4	0	4	1
	RALEIGH	94	74	97	72	83	4	1.65	0.55	1.47	6.85	81	18.56	99	95	54	6	0	2	1
TX	WILMINGTON	94	77	97	74	85	4	2.09	0.30	1.52	16.00	123	31.80	130	92	53	7	0	4	1
	BISMARCK	89	57	92	54	73	1	0.00	-0.59	0.00	4.28	70	5.70	53	88	32	3	0	0	0
	DICKINSON	87	55	91	51	71	0	0.23	-0.18	0.14	4.07	71	5.74	56	88	31	1	0	2	0
UT	FARGO	82	59	84	57	71	-1	0.06	-0.45	0.06	8.21	121	10.98	90	95	45	0	0	1	0
	GRAND FORKS	82	59	85	55	70	1	0												

## Weather Data for the Week Ending August 1, 2020

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE		32 AND BELOW		.01 INCH OR MORE	.50 INCH OR MORE
																	TEMP. °F	PRECIP.				
OK	TOLEDO	87	67	94	63	77	4	0.82	0.06	0.71	4.90	71	14.92	92	84	48	2	0	2	1		
	YOUNGSTOWN	84	65	90	62	75	5	1.00	0.11	0.42	9.60	115	21.15	115	87	51	1	0	3	0		
	OKLAHOMA CITY	88	71	92	66	79	-5	3.24	2.61	2.11	7.74	97	18.43	98	92	53	2	0	4	2		
	TULSA	88	71	94	65	80	-4	2.60	1.95	0.97	6.77	83	22.36	105	96	59	3	0	4	2		
OR	ASTORIA	72	53	83	49	62	1	0.00	-0.16	0.00	2.96	82	13.86	70	97	61	0	0	0	0		
	BURNS	96	50	102	44	73	5	0.02	-0.08	0.02	0.81	66	3.49	77	61	12	7	0	1	0		
	EUGENE	94	58	99	55	76	8	0.00	-0.09	0.00	1.75	83	9.37	71	82	25	5	0	0	0		
	MEDFORD	100	67	105	61	83	8	0.00	-0.07	0.00	1.22	124	5.05	93	57	18	7	0	0	0		
PA	PENDLETON	100	65	108	54	83	8	0.00	-0.07	0.00	0.83	60	4.70	89	49	12	7	0	0	0		
	PORTLAND	93	62	100	60	77	7	0.00	-0.11	0.00	3.68	154	9.31	83	74	25	4	0	0	0		
	SALEM	92	60	100	56	76	7	0.00	-0.08	0.00	1.47	71	8.94	80	74	25	5	0	0	0		
	ALLENTOWN	91	66	94	63	78	5	0.28	-0.83	0.28	7.14	75	17.50	85	93	40	6	0	1	0		
RI	ERIE	84	68	87	63	76	4	0.52	-0.32	0.45	6.38	86	17.24	101	84	48	0	0	2	0		
	MIDDLETOWN	92	73	97	71	82	7	0.00	-0.96	0.00	5.18	62	16.55	89	84	41	5	0	0	0		
	PHILADELPHIA	92	75	95	73	84	5	0.34	-0.66	0.21	8.85	111	18.89	100	87	40	6	0	2	0		
	PITTSBURGH	86	67	92	64	76	4	1.26	0.44	1.02	6.02	73	16.69	91	88	46	1	0	2	1		
SC	WILKES-BARRE	90	65	97	62	77	6	0.16	-0.75	0.13	19.76	248	28.49	164	90	39	3	0	3	0		
	WILLIAMSPORT	92	64	100	61	78	5	0.48	-0.54	0.44	4.87	58	17.85	98	89	33	5	0	2	0		
	PROVIDENCE	93	72	100	66	83	9	0.53	-0.32	0.45	4.35	61	17.91	89	91	39	6	0	2	0		
	CHARLESTON	94	75	97	73	85	2	0.45	-0.99	0.24	7.84	63	22.95	104	92	53	7	0	2	0		
SD	COLUMBIA	94	74	97	71	84	2	4.13	2.77	3.83	12.50	120	29.12	148	91	50	7	0	3	1		
	FLORENCE	94	76	97	73	85	4	0.44	-0.82	0.34	11.80	117	28.69	149	90	51	6	0	2	0		
	GREENVILLE	92	71	95	68	82	2	0.47	-0.67	0.28	8.41	96	32.28	158	92	50	7	0	4	0		
	ABERDEEN	86	60	92	57	73	1	0.12	-0.47	0.12	6.28	92	10.17	79	89	35	1	0	1	0		
TN	HURON	84	61	87	57	72	-2	1.19	0.46	0.95	7.51	108	10.81	78	95	47	0	0	2	1		
	RAPID CITY	85	58	92	53	71	-3	0.43	-0.03	0.23	4.38	98	8.10	77	83	37	3	0	3	0		
	SIOUX FALLS	86	63	91	58	75	2	0.09	-0.59	0.08	5.83	82	12.26	80	90	46	1	0	2	0		
	BRISTOL	88	68	90	65	78	3	1.52	0.48	0.69	9.39	107	27.06	140	96	54	1	0	5	2		
TX	CHATTANOOGA	93	74	97	71	84	3	0.43	-0.59	0.26	5.26	57	24.24	109	91	48	7	0	3	0		
	KNOXVILLE	91	71	93	68	81	2	0.74	-0.26	0.32	6.37	70	24.22	110	92	49	6	0	3	0		
	MEMPHIS	90	74	94	68	82	-1	0.94	-0.04	0.44	5.09	61	21.97	90	93	57	5	0	5	0		
	NASHVILLE	91	73	96	68	82	2	3.27	2.54	1.46	8.15	103	22.48	104	90	53	6	0	6	3		
UT	ABILENE	95	72	99	63	83	0	1.66	1.24	1.65	5.52	100	12.46	103	85	36	7	0	2	1		
	AMARILLO	91	64	96	56	78	0	1.24	0.54	1.06	5.20	85	7.60	67	88	33	5	0	3	1		
	AUSTIN	100	76	102	74	88	2	0.51	0.11	0.47	3.34	53	18.25	117	87	34	7	0	2	0		
	BEAUMONT	89	75	92	73	82	-1	0.55	-0.67	0.25	12.46	94	25.92	103	99	71	3	0	4	0		
VA	BROWNSVILLE	90	78	94	75	84	-1	3.54	3.14	3.46	6.54	140	9.41	93	93	63	4	0	4	1		
	CORPUS CHRISTI	94	76	98	74	85	0	0.50	0.08	0.28	7.87	127	14.50	111	98	59	7	0	4	0		
	DEL RIO	100	76	105	74	88	1	0.25	-0.13	0.24	0.94	22	6.70	69	83	35	7	0	2	0		
	EL PASO	100	76	109	73	88	6	0.00	-0.45	0.00	1.74	67	4.04	110	55	20	7	0	0	0		
WA	FORT WORTH	92	75	97	70	83	-3	1.01	0.63	1.00	7.10	117	23.41	134	91	50	6	0	2	1		
	GALVESTON	90	80	91	77	85	0	1.75	0.00	1.61	10.81	0	17.04	0	87	70	5	0	3	1		
	HOUSTON	92	76	97	73	84	-1	1.07	0.39	0.55	7.87	80	19.94	92	95	56	5	0	5	1		
	LUBBOCK	96	69	100	63	82	2	0.04	-0.34	0.04	3.07	61	6.99	71	80	28	7	0	1	0		
WV	MIDLAND	97	73	101	68	85	3	0.01	-0.39	0.01	0.41	11	4.02	60	68	26	7	0	1	0		
	SAN ANGELO	98	73	102	65	85	2	0.00	-0.28	0.00	1.86	48	8.98	93	76	29	7	0	0	0		
	SAN ANTONIO	97	75	99	72	86	1	0.17	-0.22	0.09	0.98	14	11.37	74	88	38	7	0	2	0		
	VICTORIA	92	76	96	74	84	0	1.17	0.43	0.66	7.11	81	14.91	76	91	58	4	0	4	1		
WI	WACO	95	75	100	70	85	-1	0.20	-0.19	0.20	4.72	89	21.75	141	87	42	6	0	1	0		
	WICHITA FALLS	92	71	99	66	82	-3	2.71	2.35	1.52	10.63	183	21.03	146	98	48	4	0	4	2		
	SALT LAKE CITY	99	70	105	65	84	4	0.24	0.09	0.24	2.19	133	4.46	60	51	14	7	0	1	0		
	BURLINGTON	89	65	93	61	77	6	0.76	-0.20	0.71	4.50	56	10.62	64	86	37	3	0	3	1		
WY	LYNCHBURG	92	71	95	70	82	7	1.58	0.57	0.74	8.78	108	22.77	122	94	49	6	0	5	1		
	NORFOLK	97	78	102	75	87	8	1.39	0.06	1.19	5.87	61	18.44	92	87	46	6	0	3	1		
	RICHMOND	95	74	101	73	85	6	0.95	-0.15	0.70	8.17	94	17.68	89	91	44	7	0	3	1		
	ROANOKE	91	73	95	72	82	5	0.91	0.01	0.86	11.33	142	32.07	170	91	51	5	0	3	1		
WY	WASH/DULLES	90	71	95	69	81	4	0.52	-0.32	0.30	10.14	131	20.36	106	95	48	5	0	2	0		
	OLYMPIA	87	52	98	48	70	5	0.00	-0.10	0.00	2.06	84	9.91	73	92	30	2	0	0	0		
	QUILLAYUTE	74	50	87	45	62	2	0.00	-0.38	0.00	4.74	85	19.96	68	97	51	0	0	0	0		
	SEATTLE-TACOMA	85	60	94	56	73	6	0.00	-0.12	0.00	2.53	109	10.73	101	78	36	2	0	0	0		
WY	SPOKANE	94	64	100	56	79	7	0.00	-0.11	0.00	0.96	49	5.20	80	54	17	5	0	0	0		
	YAKIMA	99	62	105	53	80	8	0.00	-0.05	0.00	0.25	27	1.54	57	61	18	6	0	0	0		
	BECKLEY	83	66	87	65	74	4	2.72	1.57	1.03	9.89	107	26.04	125	100	62	0	0	5	2		
	CHARLESTON	88	70	91	68	79	4	1.10	-0.01	0.56	6.72	71	26.11	122	96	55	3	0	5	1		
WY	ELKINS	85	63	88	58	74	4	4.37	3.26	2.13	14.67	147	28.41	124	93	52	0	0	5	3		
	HUNTINGTON	88	71	94	68	80	4	1.85	0.81	1.36	5.84	68	20.94	101	94	58	4	0	4	1		
	EAU CLAIRE	83	59	85	53	71	0	0.67	-0.26	0.65	9.59	117	18.06	112	91	44	0	0	2	1		
	GREEN BAY	83	61	87	56	72	3	0.39	-0.36	0.30	7.54	101	19.06	128	93							



## National Agricultural Summary

July 27 - August 2, 2020

*Weekly National Agricultural Summary provided by USDA/NASS*

### HIGHLIGHTS

**Warmer-than-normal weather prevailed across most of the eastern and western sections of the country. Most of the mid-Atlantic and Northeast saw temperatures 3°F or more above normal. Most of the Pacific Northwest and large parts of the northern Rockies and the Southwest also saw temperatures 3°F or more above normal. Pockets in Idaho, Oregon, and Washington recorded temperatures as much as 9°F above normal. In contrast, the central section of the nation noted below-normal**

**temperatures. Much of the Great Plains recorded temperatures 3°F or more below normal. Parts of central Kansas were 6°F or more below normal. Much of the West remained dry during the week. However, higher-than-normal amounts of rain were recorded in large parts of the Great Plains, the western Gulf Coast, the Mississippi Valley, and the Ohio Valley. Parts of Illinois, Indiana, Kansas, Louisiana, Missouri, Oklahoma, and Texas received 4 or more inches of rain for the week.**

**Corn:** By August 2, ninety-two percent of the nation's corn acreage had reached the silking stage, 20 percentage points ahead of last year and 5 points ahead of the 5-year average. By August 2, thirty-nine percent of the corn acreage was at or beyond the dough stage, 19 percentage points ahead of last year and 6 points ahead of average. As of August 2, seventy-two percent of the nation's corn was rated in good to excellent condition, unchanged from the previous week but 15 percentage points above the same time last year. In Iowa, 73 percent of the 2020 corn acreage was rated in good to excellent condition on August 2.

**Soybean:** By August 2, eighty-five percent of the nation's soybean acreage had reached the blooming stage, 17 percentage points ahead of last year and 3 points ahead of the 5-year average. Nationally, 59 percent of the nation's soybean acreage had begun setting pods, 27 percentage points ahead of last year and 5 points ahead of average. On August 2, seventy-three percent of the nation's soybeans were rated in good to excellent condition, 1 percentage point above the previous week and 19 points above the same time last year.

**Winter Wheat:** Eighty-five percent of the 2020 winter wheat acreage had been harvested by August 2, five percentage points ahead of last year but 3 points behind the 5-year average. Winter wheat harvest advanced 10 percentage points or more from the previous week in Michigan, Montana, Oregon, South Dakota, and Washington.

**Cotton:** Ninety-one percent of the nation's cotton acreage had reached the squaring stage by August 2, one percentage point behind last year but equal to the 5-year average. By August 2, fifty-four percent of the nation's cotton had begun setting bolls, 1 percentage point behind both the previous year and the average. As of August 2, forty-five percent of the 2020 cotton acreage was rated in good to excellent condition, 4 percentage points below the previous week and 9 points below the same time last year.

**Sorghum:** By August 2, fifty-five percent of the nation's sorghum acreage had reached the headed stage, 13 percentage points ahead of last year but 1 point behind the 5-year average. Eighty-four percent of Texas' sorghum acreage had reached the headed stage by August 2, three percentage points ahead of last year and 1 point ahead of average. Twenty-three percent of the nation's

sorghum was at or beyond the coloring stage by August 2, one percentage point ahead of last year but 3 points behind average. Fifty-five percent of the nation's sorghum was rated in good to excellent condition on August 2, two percentage points above the previous week but 13 points below the same time last year.

**Rice:** By August 2, fifty-nine percent of the nation's rice acreage had reached the headed stage, 4 percentage points ahead of the previous year but 9 points behind the 5-year average. On August 2, seventy-six percent of the nation's rice was rated in good to excellent condition, unchanged from the previous week but 8 percentage points above the same time last year.

**Small Grains:** Forty-nine percent of the nation's oat acreage had been harvested by August 2, twenty percentage points ahead of last year and 6 points ahead of the 5-year average. Harvest advanced 20 percentage points or more during the week in Iowa, Minnesota, South Dakota, and Wisconsin. On August 2, 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.

By August 2, barley producers had harvested 5 percent of the nation's barley crop, 2 percentage points ahead of last year but 7 points behind the 5-year average. On August 2, eighty-one percent of the nation's barley was rated in good to excellent condition, 1 percentage point above the previous week and 5 points above the same time last year.

By August 2, five percent of the spring wheat had been harvested, 3 percentage points ahead of last year but 5 points behind the 5-year average. Harvest progress was behind average in all six estimating states. Seventy-three percent of the nation's spring wheat was rated in good to excellent condition, 3 percentage points above the previous week but unchanged from the same time last year.

**Other Acreages:** By August 2, ninety percent of the nation's peanut crop had reached the pegging stage, equal to the previous year but 1 percentage point ahead of the 5-year average. On August 2, seventy-three percent of the nation's peanuts were rated in good to excellent condition, 1 percentage point below the previous week but 4 points above the same time last year.

## Crop Progress and Condition

### Week Ending August 2, 2020

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

Corn Percent Silking				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
CO	70	70	84	75
IL	75	89	96	92
IN	54	84	93	83
IA	80	87	95	92
KS	81	79	90	89
KY	84	80	89	90
MI	37	67	85	72
MN	75	90	97	89
MO	84	89	95	95
NE	81	89	94	91
NC	97	97	100	98
ND	61	56	80	77
OH	47	64	85	78
PA	76	51	63	80
SD	53	80	89	81
TN	96	87	94	97
TX	93	92	96	94
WI	46	62	84	74
18 Sts	72	82	92	87
These 18 States planted 91% of last year's corn acreage.				

Corn Percent Dough				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
CO	4	6	16	6
IL	25	22	43	47
IN	14	17	37	31
IA	16	23	44	32
KS	35	36	53	41
KY	40	24	44	45
MI	1	3	13	11
MN	12	15	37	25
MO	33	38	54	58
NE	23	27	43	31
NC	82	69	77	85
ND	1	2	7	9
OH	7	2	18	21
PA	6	4	12	20
SD	6	14	32	23
TN	75	43	59	78
TX	71	66	77	72
WI	3	8	19	11
18 Sts	20	22	39	33
These 18 States planted 91% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	10	15	30	40	5
IL	1	4	19	59	17
IN	2	6	25	54	13
IA	1	5	21	59	14
KS	3	8	28	45	16
KY	1	3	13	64	19
MI	3	8	29	50	10
MN	1	2	12	57	28
MO	2	4	20	57	17
NE	2	5	16	55	22
NC	6	14	32	43	5
ND	1	6	21	56	16
OH	3	9	36	44	8
PA	4	12	41	31	12
SD	1	2	11	72	14
TN	2	4	22	58	14
TX	3	12	39	34	12
WI	2	3	14	46	35
18 Sts	2	5	21	55	17
Prev Wk	2	5	21	55	17
Prev Yr	3	10	30	47	10

Soybeans Percent Blooming				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
AR	86	88	93	93
IL	66	67	78	84
IN	49	79	87	77
IA	74	85	91	86
KS	51	68	79	70
KY	59	56	67	65
LA	98	96	99	98
MI	53	74	91	78
MN	84	89	96	91
MS	90	90	93	92
MO	47	62	73	64
NE	75	90	95	87
NC	57	52	60	64
ND	81	71	81	90
OH	51	76	88	77
SD	69	75	82	83
TN	75	62	73	81
WI	61	81	89	80
18 Sts	68	76	85	82
These 18 States planted 96% of last year's soybean acreage.				

Soybeans Percent Setting Pods				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
AR	71	63	74	79
IL	25	36	52	55
IN	16	38	54	51
IA	27	50	70	57
KS	19	40	55	35
KY	34	32	45	40
LA	88	86	92	92
MI	19	39	65	42
MN	46	55	74	63
MS	72	67	78	80
MO	14	27	37	32
NE	46	53	64	53
NC	35	35	40	38
ND	38	30	55	61
OH	17	34	51	44
SD	27	49	64	52
TN	50	35	45	56
WI	24	51	63	50
18 Sts	32	43	59	54
These 18 States planted 96% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	1	7	26	48	18
IL	2	4	18	61	15
IN	2	6	24	53	15
IA	1	5	21	60	13
KS	1	5	26	51	17
KY	2	3	12	67	16
LA	0	1	11	75	13
MI	1	6	24	58	11
MN	1	2	13	62	22
MS	2	8	25	54	11
MO	1	5	22	56	16
NE	1	4	16	57	22
NC	4	11	36	45	4
ND	1	5	29	54	11
OH	2	7	32	51	8
SD	1	3	11	72	13
TN	2	4	21	58	15
WI	1	2	14	47	36
18 Sts	1	5	21	58	15
Prev Wk	1	5	22	57	15
Prev Yr	3	10	33	45	9

**Crop Progress and Condition****Week Ending August 2, 2020**

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

Cotton Percent Squaring				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
AL	94	91	95	93
AZ	100	100	100	98
AR	98	99	100	100
CA	89	85	85	89
GA	97	94	96	96
KS	75	81	86	74
LA	99	98	100	100
MS	90	87	92	95
MO	86	56	69	94
NC	97	90	95	96
OK	89	65	86	88
SC	96	74	80	92
TN	94	86	90	95
TX	91	83	90	89
VA	94	79	89	95
15 Sts	92	84	91	91
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Setting Bolls				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
AL	75	60	73	77
AZ	80	88	95	79
AR	90	88	95	96
CA	63	45	65	66
GA	77	63	76	75
KS	23	22	28	24
LA	86	85	90	90
MS	64	55	70	78
MO	42	22	28	56
NC	79	51	64	72
OK	36	25	36	36
SC	62	27	48	63
TN	60	42	67	68
TX	45	34	45	43
VA	57	39	59	58
15 Sts	55	42	54	55
These 15 States planted 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	1	14	73	12
AZ	0	0	5	66	29
AR	0	0	12	47	41
CA	0	0	10	45	45
GA	1	5	21	58	15
KS	2	6	44	43	5
LA	0	1	18	73	8
MS	1	8	26	51	14
MO	2	10	40	47	1
NC	5	11	34	46	4
OK	0	4	27	67	2
SC	6	12	21	50	11
TN	4	9	20	52	15
TX	5	19	51	20	5
VA	0	13	42	45	0
15 Sts	3	13	39	36	9
Prev Wk	3	13	35	40	9
Prev Yr	1	12	33	44	10

Sorghum Percent Headed				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
CO	34	21	26	38
KS	21	27	43	38
NE	38	43	64	51
OK	28	35	45	46
SD	33	40	50	53
TX	81	81	84	83
6 Sts	42	44	55	56
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Coloring				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
CO	1	0	0	3
KS	2	1	3	3
NE	3	0	1	3
OK	5	10	15	19
SD	1	0	0	5
TX	71	65	70	66
6 Sts	22	20	23	26
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
CO	7	19	46	25	3
KS	2	5	31	49	13
NE	2	6	28	39	25
OK	5	11	40	44	0
SD	0	6	25	64	5
TX	2	10	39	30	19
6 Sts	2	8	35	42	13
Prev Wk	2	9	36	42	11
Prev Yr	1	5	26	54	14

Peanuts Percent Pegging				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
AL	96	92	95	87
FL	93	90	94	93
GA	98	94	97	96
NC	93	77	86	92
OK	66	50	62	66
SC	93	83	90	90
TX	54	50	68	63
VA	88	76	79	82
8 Sts	90	84	90	89
These 8 States planted 96% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	0	13	70	17
FL	1	1	15	79	4
GA	1	6	20	57	16
NC	0	3	28	61	8
OK	0	0	13	63	24
SC	3	6	23	58	10
TX	0	9	28	60	3
VA	0	0	50	50	0
8 Sts	1	5	21	61	12
Prev Wk	1	5	20	62	12
Prev Yr	1	5	25	61	8



## Crop Progress and Condition

### Week Ending August 2, 2020

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

Rice Percent Headed				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
AR	49	28	50	70
CA	36	27	45	35
LA	86	85	92	92
MS	76	72	80	79
MO	30	19	34	57
TX	92	93	95	93
6 Sts	55	43	59	68
These 6 States planted 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	0	3	27	48	22
CA	0	0	0	80	20
LA	0	2	24	63	11
MS	0	1	36	50	13
MO	1	6	29	42	22
TX	0	1	29	56	14
6 Sts	0	2	22	57	19
Prev Wk	0	3	21	57	19
Prev Yr	1	6	25	45	23

Winter Wheat Percent Harvested				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
AR	100	100	100	100
CA	99	95	99	98
CO	89	97	99	95
ID	12	13	21	33
IL	99	97	99	100
IN	99	100	100	99
KS	99	99	100	100
MI	66	78	91	86
MO	100	100	100	100
MT	19	10	20	52
NE	69	93	96	90
NC	100	100	100	100
OH	96	100	100	98
OK	100	100	100	100
OR	47	37	61	66
SD	42	68	87	76
TX	100	100	100	100
WA	30	19	33	48
18 Sts	80	81	85	88
These 18 States harvested 92% of last year's winter wheat acreage.				

Spring Wheat Percent Harvested				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
ID	1	1	7	9
MN	1	1	7	8
MT	1	0	1	7
ND	1	1	2	5
SD	4	8	35	37
WA	8	7	9	21
6 Sts	2	1	5	10
These 6 States harvested 100% of last year's spring wheat acreage.				

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	0	3	14	70	13
MN	2	2	20	66	10
MT	1	2	17	65	15
ND	1	5	26	59	9
SD	3	6	25	61	5
WA	0	6	12	63	19
6 Sts	1	4	22	62	11
Prev Wk	2	4	24	60	10
Prev Yr	0	5	22	63	10

Barley Percent Harvested				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
ID	4	2	10	12
MN	3	2	16	16
MT	1	0	1	13
ND	1	0	3	9
WA	7	10	12	16
5 Sts	3	1	5	12
These 5 States harvested 85% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	0	1	10	79	10
MN	1	2	22	65	10
MT	1	2	12	53	32
ND	1	4	29	58	8
WA	0	6	6	66	22
5 Sts	1	2	16	62	19
Prev Wk	1	3	16	56	24
Prev Yr	0	5	19	64	12

## Crop Progress and Condition

## Week Ending August 2, 2020

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

Oats Percent Harvested				
	Prev Year	Prev Week	Aug 2 2020	5-Yr Avg
IA	57	56	85	74
MN	9	19	40	25
NE	68	82	92	81
ND	1	0	4	12
OH	61	80	86	70
PA	27	15	29	35
SD	15	37	64	56
TX	100	100	100	100
WI	19	9	34	28
9 Sts	29	32	49	43
These 9 States harvested 74% of last year's oat acreage.				

Oat Condition by Percent					
	VP	P	F	G	EX
IA	1	3	23	60	13
MN	2	4	26	57	11
NE	2	10	27	56	5
ND	1	4	25	64	6
OH	0	2	22	67	9
PA	3	12	32	52	1
SD	2	8	31	53	6
TX	5	17	40	35	3
WI	1	3	14	51	31
9 Sts	2	8	28	53	9
Prev Wk	3	9	27	52	9
Prev Yr	2	6	27	54	11

Pasture and Range Condition by Percent Week Ending Aug 2, 2020												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	0	1	18	75	6		NH	4	20	76	0	0
AZ	12	18	39	23	8		NJ	0	0	35	65	0
AR	3	9	28	50	10		NM	18	29	37	12	4
CA	40	15	35	10	0		NY	12	14	33	35	6
CO	16	25	35	23	1		NC	2	10	36	45	7
CT	0	100	0	0	0		ND	2	11	34	49	4
DE	4	15	37	39	5		OH	4	15	38	40	3
FL	1	2	18	56	23		OK	1	13	45	40	1
GA	3	8	35	47	7		OR	25	45	18	12	0
ID	0	9	23	56	12		PA	7	26	38	26	3
IL	1	5	14	68	12		RI	40	60	0	0	0
IN	3	10	34	45	8		SC	0	6	33	53	8
IA	4	12	38	39	7		SD	3	14	37	43	3
KS	4	10	33	46	7		TN	2	8	30	51	9
KY	7	8	22	57	6		TX	10	27	41	20	2
LA	0	2	28	62	8		UT	2	15	33	46	4
ME	0	14	26	53	7		VT	0	0	12	68	20
MD	1	20	34	37	8		VA	5	21	42	31	1
MA	2	33	65	0	0		WA	19	14	33	31	3
MI	7	21	31	35	6		WV	1	13	27	59	0
MN	2	5	25	59	9		WI	2	5	22	45	26
MS	1	6	28	58	7		WY	17	36	35	12	0
MO	1	10	29	54	6		48 Sts	10	20	34	32	4
MT	4	9	30	51	6							
NE	2	7	32	55	4		Prev Wk	10	20	34	32	4
NV	10	20	35	35	0		Prev Yr	3	10	29	48	10

VP - Very Poor;

P - Poor;

F - Fair;

G - Good;

EX - Excellent

NA - Not Available;

\*Revised

# Crop Progress and Condition

Week Ending August 2, 2020

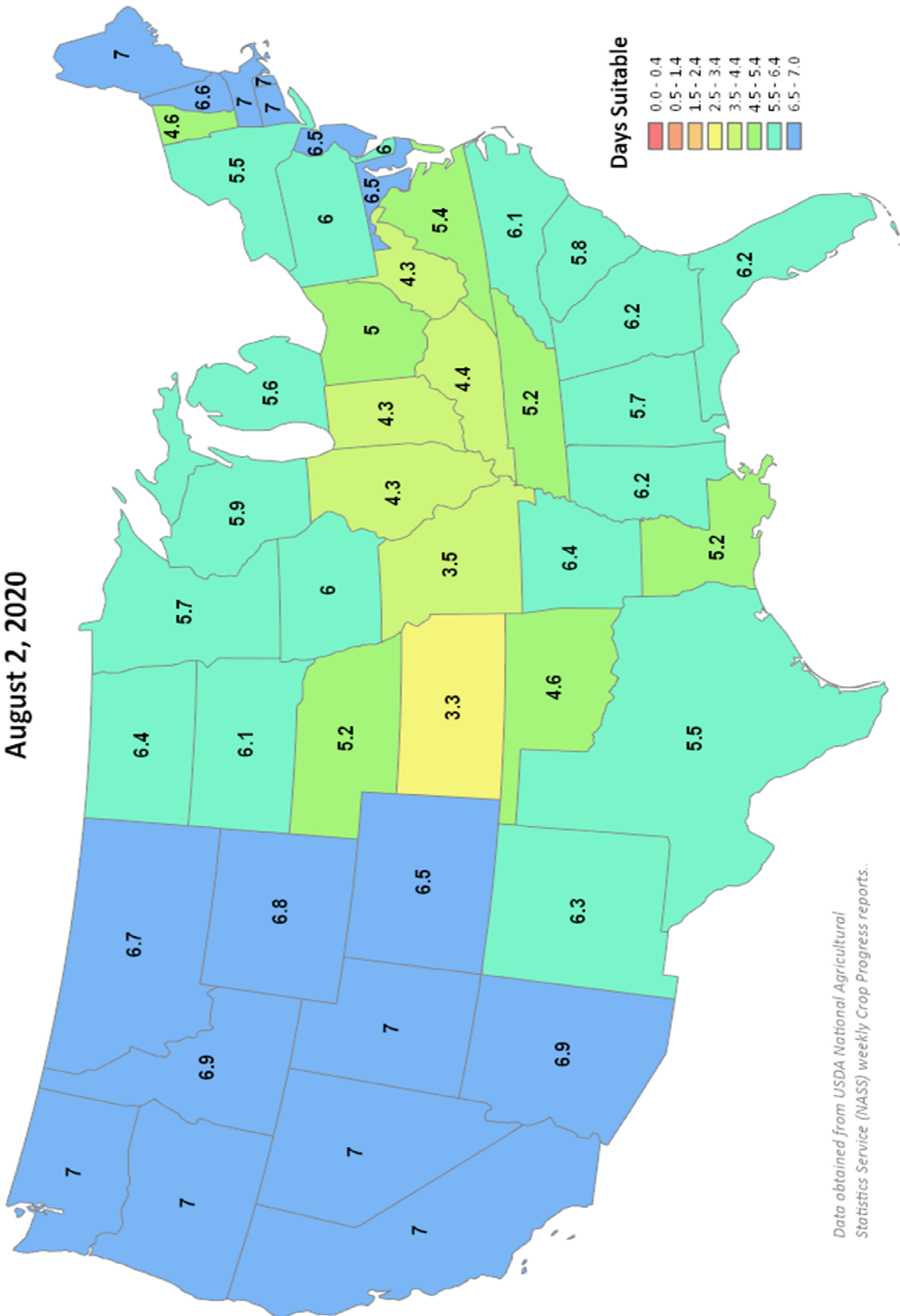
Weekly U.S. Progress and Condition Data provided by USDA/NASS

## Days Suitable for Fieldwork

Week Ending

August 2, 2020

Days Suitable



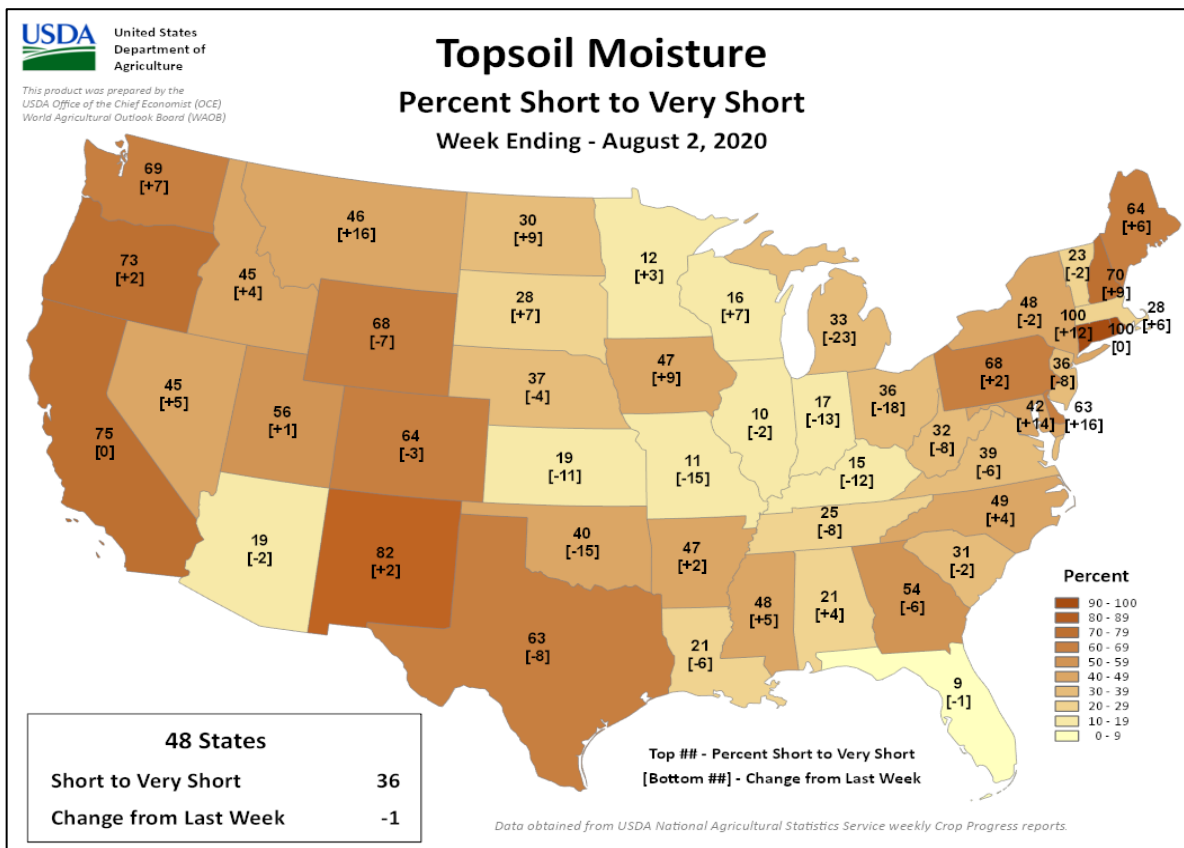
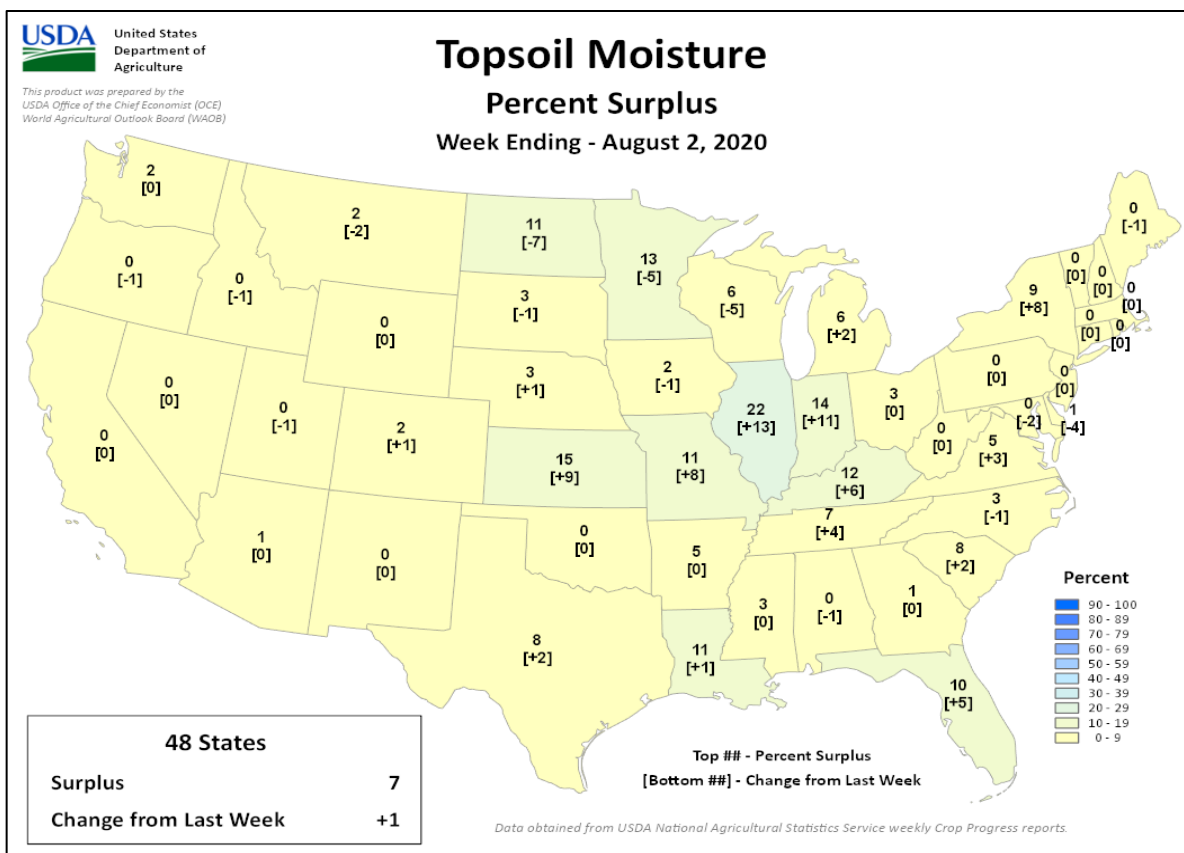
Data obtained from USDA National Agricultural Statistics Service (NASS) weekly Crop Progress reports.



## Crop Progress and Condition

### Week Ending August 2, 2020

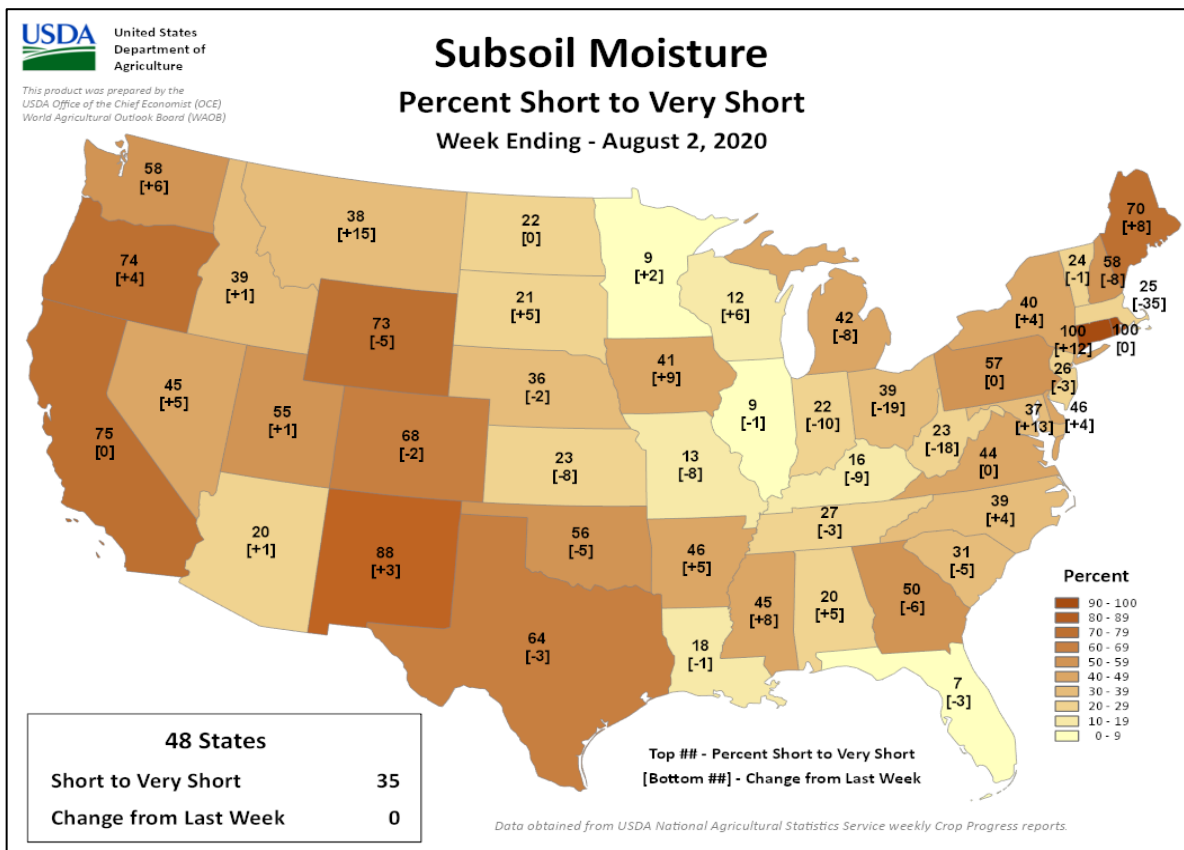
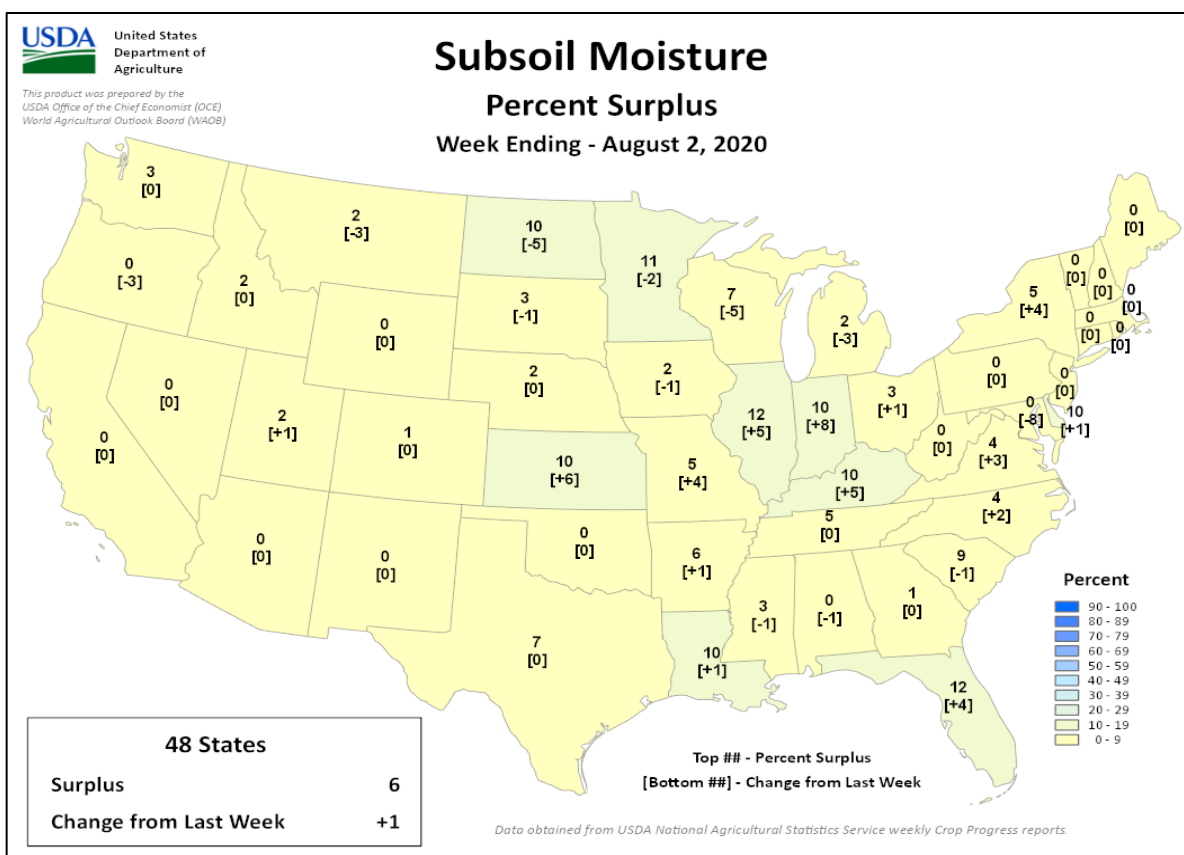
Weekly U.S. Progress and Condition Data provided by USDA/NASS



## Crop Progress and Condition

### Week Ending August 2, 2020

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



## International Weather and Crop Summary

July 26 - August 1, 2020

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

**EUROPE:** Extreme heat compounded by short-term dryness adversely impacted summer crops in parts of western and southeastern Europe.

**WESTERN FSU:** Widespread, locally heavy showers and thunderstorms stabilized or improved conditions for reproductive to filling summer crops.

**EASTERN FSU:** Periods of rain further eased drought and stabilized spring grain prospects, while unseasonable showers were untimely for open-boll cotton in Kyrgyzstan and environs.

**MIDDLE EAST:** Sunny skies and near-normal temperatures maintained favorable yield prospects for filling summer crops in Turkey.

**SOUTH ASIA:** Unseasonably light showers prevailed across much of India and further limited soil moisture for crops in central growing areas.

**EAST ASIA:** Showers brought much-needed moisture to reproductive corn and soybeans in most of northeastern China.

**SOUTHEAST ASIA:** A tropical cyclone spawned widespread rainfall in the region, easing seasonal moisture deficits.

**AUSTRALIA:** Showers benefited winter grains and oilseeds in the east and some parts of the west.

**ARGENTINA:** Sunny skies aided winter grain development, but western production areas were in need of rain.

**BRAZIL:** Conditions favored corn and cotton harvesting.

**MEXICO:** Heavy tropical showers from the remnants of Hurricane Hanna inundated the northeast.

**CANADIAN PRAIRIES:** Warm, sunny weather spurred rapid spring crop development.

**SOUTHEASTERN CANADA:** Moisture remained limited for summer crops and pastures in parts of Ontario.

## July 2020

COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	33	19	37	14	26	1.2	0	-4
	BATNA	37	17	42	11	27	0.1	0	-6
ARGENT	IGUAZU	24	12	31	2	18	1.1	55	-41
	FORMOSA	23	11	34	0	17	0.7	29	-16
	CERES	18	4	32	-2	11	-1.3	1	-15
	CORDOBA	17	1	24	-7	9	-0.5	1	-11
	RIO CUARTO	15	2	21	-2	9	-0.5	1	-15
	ROSARIO	16	3	23	-8	10	-0.3	3	-21
	BUENOS AIRES	14	4	25	-4	9	-0.5	22	-25
	SANTA ROSA	13	2	19	-6	8	0.2	29	9
AUSTRA	TRES ARROYOS	12	3	20	-2	8	-0.1	63	22
	DARWIN	31	19	34	16	25	0.3	0	-1
	BRISBANE	21	11	24	5	16	0.9	46	0
	PERTH	19	10	25	4	14	1.2	48	-99
	CEDUNA	18	6	23	1	12	-0.1	17	-22
	ADELAIDE	15	6	20	1	10	-0.7	8	-49
	MELBOURNE	13	6	17	1	10	0.3	19	-21
	WAGGA	13	3	18	-2	8	0.3	21	-39
AUSTRI	CANBERRA	13	2	15	-3	7	1.7	26	-22
	VIENNA	27	15	34	8	21	0.1	128	49
BAHAMA	INNSBRUCK	26	14	35	10	20	1.3	132	-2
	NASSAU	33	26	35	21	30	0.8	266	140
BARBAD	BRIDGETOWN	31	26	33	24	29	1.6	77	-53
BELARU	MINSK	23	12	27	6	17	-1.1	68	-23
BERMUD	ST GEORGES	29	25	31	21	27	-0.3	47	-70
BOLIVI	LA PAZ	17	-4	19	-13	6	1.1	0	-3
BRAZIL	FORTALEZA	30	24	32	22	27	0.1	117	*****
	RECIFE	28	23	29	21	26	0	88	-158
	CAMPO GRANDE	28	16	31	9	22	0.1	21	-13
	FRANCA	26	16	29	10	21	1.8	0	-20
	RIO DE JANEI	27	18	33	14	22	0.5	21	-15
	LONDRINA	26	14	31	7	20	2.5	14	-49
	SANTA MARIA	19	9	31	-2	14	-0.7	139	-6
	SOFIA	27	15	33	10	21	0.1	111	59
BULGAR	OUAGADOUGOU	33	24	38	20	29	1.3	253	73
BURKIN	LETHBRIDGE	26	9	33	4	17	-1.4	16	*****
CANADA	REGINA	26	12	31	6	19	-0.3	76	8
	WINNIPEG	28	18	34	14	23	1.1	47	-14
	TORONTO	30	20	36	15	25	3.8	68	-8
	MONTREAL	30	19	36	15	24	2.8	87	4
	PRINCE ALBER	25	14	31	10	19	1.2	26	-54
	CALGARY	23	11	29	7	17	0.9	82	8
	VANCOUVER	22	13	28	10	18	-0.2	27	-4
	LAS PALMAS	28	22	36	20	25	1.1	0	0
CANARY	SANTIAGO	16	4	23	-1	10	2	53	-6
CHILE	HARBIN	29	20	33	13	25	1.2	145	15
CHINA	HAMI	35	20	39	14	27	0.6	12	3
	BEIJING	31	22	37	19	27	0.1	114	-46
	TIENTSIN	32	23	38	19	27	-0.1	114	-33
	LHASA	24	13	28	10	18	2.1	185	67
	KUNMING	24	18	29	14	21	0.7	372	169
	CHENGCHOW	30	23	37	19	27	-0.4	131	-18
	YEHCHANG	28	22	32	20	25	-1.4	352	122
	HANKOW	30	24	36	21	27	-1.5	638	415
	CHUNGKING	31	25	39	22	28	-1.3	426	274
	CHIHKIANG	32	24	36	22	28	0.6	386	231
	WU HU	28	23	36	21	26	-3.4	904	724
	SHANGHAI	30	24	37	20	27	-1.3	379	230
	NANCHANG	33	26	36	23	29	-0.5	675	536
	TAIPEI	36	28	39	25	32	1.4	10	-259
	CANTON	35	27	38	25	31	3.4	72	-166
	NANNING	34	26	37	24	30	2.1	40	-199
COLOMB	BOGOTA	19	10	21	7	14	1.3	190	148
COTE D	ABIDJAN	28	24	29	22	26	0.4	83	-50
CUBA	CAMAGUEY	31	25	33	24	28	0.3	32	*****
CYPRUS	LARNACA	34	23	37	21	28	0.7	1	1
CZECHR	PRAGUE	25	12	34	7	19	0.6	35	-43
DENMAR	COPENHAGEN	20	13	26	8	16	-1.3	52	-2
EGYPT	CAIRO	35	24	37	23	29	0.4	0	*****
ESTONI	TALLINN	20	12	27	7	16	-0.7	123	36

Based on Preliminary Reports

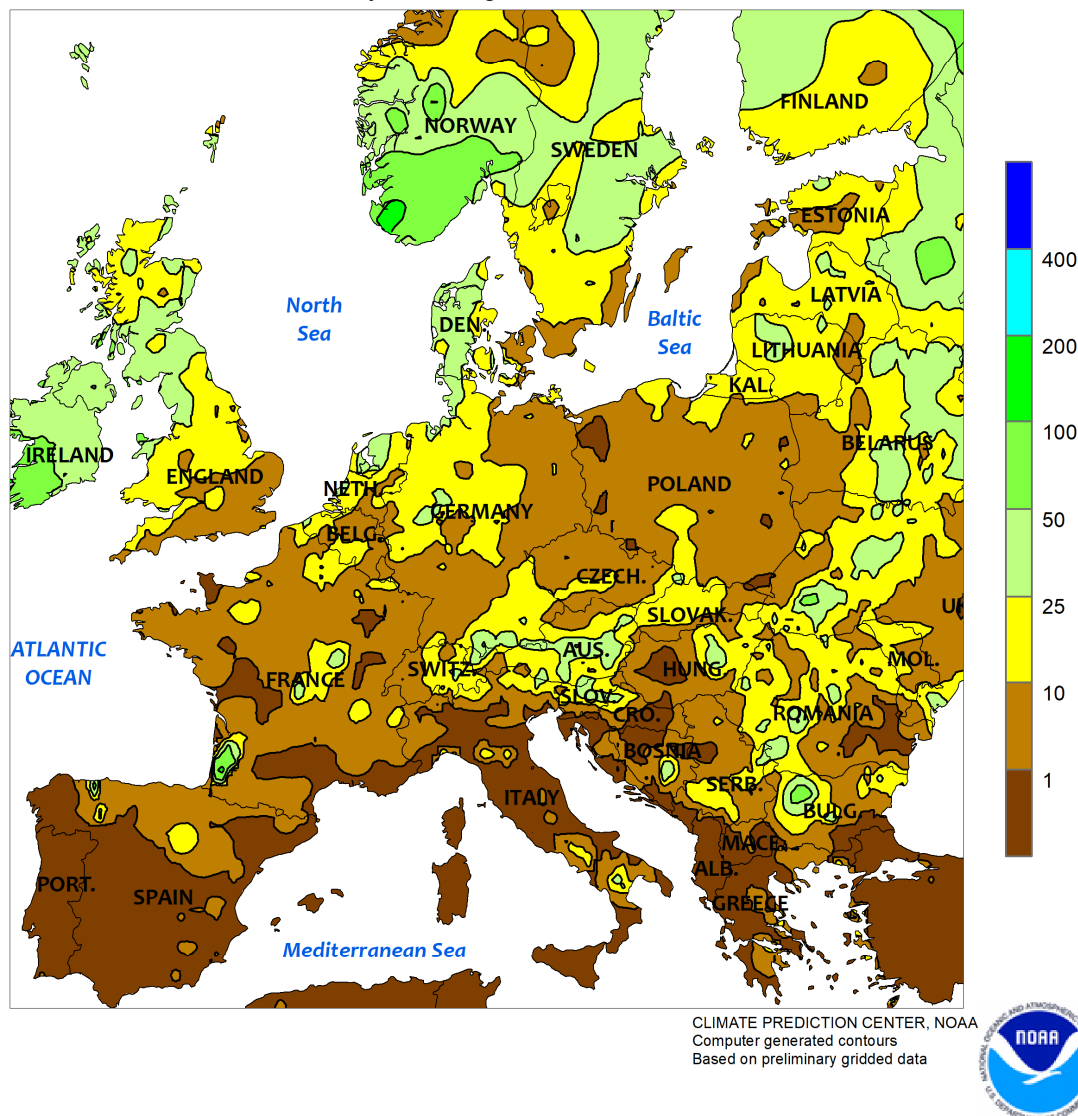
## July 2020

COUNTRY	CITY	TEMPERATURE					PRECIP.			COUNTRY	CITY	TEMPERATURE					PRECIP.		
		AVG	AVG	HI	LO	DEP						AVG	AVG	HI	LO	DEP			
		MAX	MIN	MAX	MIN	AVG	NRM	TOT	NRM			MAX	MIN	MAX	MIN	AVG	NRM	TOT	NRM
ETHIOP	ADDIS ABABA	***	***	23	11	***	*****	*****	*****	MOZAMB	MAPUTO	26	13	34	9	19	-0.3	56	40
F GUIA	CAYENNE	32	23	34	22	27	1.5	244	-2	N KORE	PYONGYANG	28	20	31	18	24	-0.7	135	-154
FIJI	NAUSORI	28	21	31	18	24	1.7	87	-33	NEW CA	NOUMEA	25	18	31	15	22	1.7	20	-50
FINLAN	HELSINKI	21	12	27	9	16	-1.2	160	94	NIGER	NIAMEY	35	26	41	21	30	0.7	177	34
FRANCE	PARIS/ORLY	27	15	40	10	21	0.9	3	-51	NORWAY	OSLO	18	10	25	6	14	-2.4	128	52
	STRASBOURG	28	14	36	9	21	1.1	12	-59	NZEALA	AUCKLAND	15	8	18	2	12	0.5	92	-30
	BOURGES	28	15	39	10	21	1.2	4	-62		WELLINGTON	13	7	17	2	10	0.2	34	-70
	BORDEAUX	29	16	38	11	23	1.6	3	-46	P RICO	SAN JUAN	32	26	33	24	29	0.5	266	137
	TOULOUSE	30	17	38	13	24	1.3	4	-34	PAKIST	KARACHI	37	30	43	26	34	3.1	106	49
	MARSEILLE	32	20	36	16	26	0.9	0	-10	PERU	LIMA	18	15	20	14	16	-0.6	0	*****
GABON	LIBREVILLE	***	***	30	23	***	*****	*****	*****	PHILIP	MANILA	34	27	36	24	30	1.6	78	-291
GERMAN	HAMBURG	21	12	27	7	16	-1.7	103	29	PNEWGU	PORT MORESBY	29	24	31	15	27	0.3	76	55
	BERLIN	24	14	31	10	19	-0.4	52	-7	POLAND	WARSAW	24	14	30	9	19	0.1	48	-27
	DUSSELDORF	24	13	35	7	18	-1.0	48	-27		LODZ	24	12	31	7	18	-0.8	54	-25
	LEIPZIG	25	14	31	9	20	0.6	31	-35		KATOWICE	24	13	31	7	18	-0.2	115	18
	DRESDEN	25	14	30	8	20	0.8	19	-67	PORTUG	LISBON	32	19	39	15	26	2.5	1	-4
	STUTTGART	26	13	35	8	20	0.7	36	-48	ROMANI	BUCHAREST	31	16	37	11	23	0.6	97	33
	NURNBERG	26	13	33	6	19	0.3	18	-62	RUSSIA	ST.PETERSBUR	21	14	27	0	18	-1.1	113	36
	AUGSBURG	25	11	32	6	18	0.2	48	-48		KAZAN	27	17	36	8	22	1.6	69	2
GREECE	THESSALONIKA	32	21	37	18	27	-0.5	2	-20		MOSCOW	24	14	30	-2	19	-0.2	241	156
	LARISSA	34	20	40	16	27	-0.9	3	-16		YEKATERINBUR	28	17	39	7	22	3.4	20	-68
	ATHENS	33	24	38	21	29	0.1	20	10		OMSK	27	14	34	7	20	0.9	14	-52
GUADEL	RAIZET	32	24	33	22	28	0.8	149	54		BARNAUL	26	14	32	8	20	0.1	68	-3
HONGKO	HONG KONG IN	34	28	36	26	31	0.9	86	*****		KHABAROVSK	27	18	33	12	22	1.2	137	6
HUNGAR	BUDAPEST	28	16	33	10	22	-0.1	59	2		VLADIVOSTOK	22	16	28	12	19	1.6	30	-128
ICELAN	REYKJAVIK	13	9	17	4	11	0.0	47	-5		VOLGOGRAD	33	19	41	13	26	2.5	0	-34
INDIA	AMRITSAR	35	26	41	22	31	0.4	209	-8		ASTRAKHAN	35	22	41	16	28	2.6	2	-19
	NEW DELHI	36	27	42	21	31	0.0	166	-21		ORENBURG	33	17	40	9	25	3.1	8	-35
	AHMEDABAD	36	27	40	24	31	1.4	209	-93	S AFRI	JOHANNESBURG	18	4	22	-5	11	0.5	0	-2
	INDORE	32	23	36	22	28	1.0	192	-80		DURBAN	23	12	28	9	18	1.0	12	-43
	CALCUTTA	34	27	37	24	31	1.2	338	2		CAPE TOWN	19	8	27	2	13	1.2	152	60
	VERAVAL	31	28	34	25	30	0.7	285	*****	S KORE	SEOUL	28	21	33	17	25	-0.2	272	-123
	BOMBAY	31	25	33	24	28	0.2	1426	*****	SAMOA	PAGO PAGO	30	26	31	22	28	0.8	293	129
	POONA	30	22	33	21	26	0.7	129	-50	SENEG	DAKAR	31	26	32	16	28	0.9	112	56
	BEGAMPET	32	23	34	21	28	0.4	157	-23	SPAIN	VALLADOLID	34	16	40	12	25	2.3	15	2
	VISHAKHAPATN	32	27	35	25	30	0.9	129	0		MADRID	37	20	41	16	28	3.2	3	-11
	MADRAS	34	26	38	23	30	-1.0	303	197		SEVILLE	39	24	43	20	31	2.8	1	*****
	MANGALORE	29	24	32	22	26	0.3	1224	*****	SWITZE	ZURICH	26	15	34	10	20	1.8	57	-68
INDONE	SERANG	33	24	34	22	28	1.2	32	-37		GENEVA	29	16	36	12	22	2.3	18	-55
IRELAN	DUBLIN	18	11	23	5	15	-0.5	99	42	SYRIA	DAMASCUS	40	20	46	15	30	2.5	0	0
ITALY	MILAN	30	20	35	16	25	0.2	60	15	TAHITI	PAPEETE	29	22	30	21	26	0.4	50	-15
	VERONA	30	19	34	14	24	-0.8	126	65	TANZAN	DAR ES SALAA	30	21	31	19	25	1.6	64	43
	VENICE	28	20	33	16	24	-0.1	20	-48	THAILA	PHITSANULOK	35	26	37	24	30	1.7	113	-65
	GENOA	27	22	33	19	24	-0.3	3	-24		BANGKOK	35	27	38	25	31	1.9	152	-18
	ROME	30	18	33	15	24	0.1	0	-18	TOGO	TABLIGBO	30	23	34	21	27	0.2	38	*****
	NAPLES	32	22	34	18	27	1.2	1	-31	TRINID	PORT OF SPAI	32	24	34	23	28	1.0	91	-161
JAMAIC	KINGSTON	34	26	37	24	30	0.7	23	-12	TUNISI	TUNIS	34	22	38	19	28	0.0	0	-4
JAPAN	SAPPORO	26	18	29	15	22	1.5	57	-24	TURKEY	ISTANBUL	30	22	35	17	26	0.9	0	-24
	NAGOYA	29	23	35	20	26	-0.5	420	215		ANKARA	32	16	36	13	24	2.3	1	-16
	TOKYO	28	22	32	17	25	-1.2	278	124	TURKME	ASHKHABAD	38	27	43	20	33	2.7	104	100
	YOKOHAMA	28	23	32	18	25	-0.9	384	227	UKINGD	ABERDEEN	17	10	24	5	14	-1.1	100	40
	KYOTO	29	23	36	20	26	-1.3	564	346		LONDON	24	14	38	9	19	-0.3	39	-2
	OSAKA	30	24	34	20	27	-0.7	420	262	UKRAIN	KIEV	28	17	33	12	22	1.6	48	-25
KAZAKH	KUSTANAY	30	16	37	8	23	2.0	18	-37		LVOV	25	13	30	7	19	0.7	81	-20
	TSELINOGRAD	28	16	35	12	22	1.2	53	7		KIROVOGRAD	29	16	36	10	22	1.2	29	-34
	KARAGANDA	27	14	32	11	21	0.8	70	22		ODESSA	29	20	35	15	24	1.6	27	-19
KENYA	NAIROBI	23	14	26	9	18	-0.3	3	-9		KHARKOV	28	16	36	11	22	1.2	107	46
LIBYA	BENGHAZI	***	***	34	19	***	*****	*****	*****	UZBEKI	TASHKENT	36	22	40	17	29	1.5	7	1
LITHUA	KAUNAS	22	12	28	8	17	-0.6	60	-19	VENEZU	CARACAS	***	***	***	***	***	*****	0	-66
LUXEMB	LUXEMBOURG	24	14	35	8	19	0.5	8	-63		YUGOSL	29	18	35	13	24	0.6	49	-11
MALAYS	KUALA LUMPUR	32	24	35	23	28	0.9	443	293	ZAMBIA	LUSAKA	21	12	30	5	17	1.1	*****	*****
MALI	BAMAKO	31	22	36	18	27	-0.2	226	7	ZIMBAB	KADOMA	***	***	25	2	***	*****	*****	*****
MARSHA	MAJUJO	30	27	32	25	29	0.8	298	-5										
MARTIN	LAMENTIN	32	26	32	23	28	0.9	241	33										
MAURIT	NOUAKCHOTT	31	25	34	21	28	0.4	*****	*****										
MEXICO	GUADALAJARA	28	17	31	15	22	1.1	452	*****										
	TLAXCALA	25	12	27	9	19	1.2	202	85										
	ORIZABA	27	18	30	16	22	1.7	414	*****										
MOROCC	CASABLANCA	27	22	35	19	24	1.5	0	-1										
	MARRAKECH	42	23	47	19	32	3.2	1	0										

Based on Preliminary Reports

## EUROPE

Total Precipitation (mm)  
July 26 - August 1, 2020



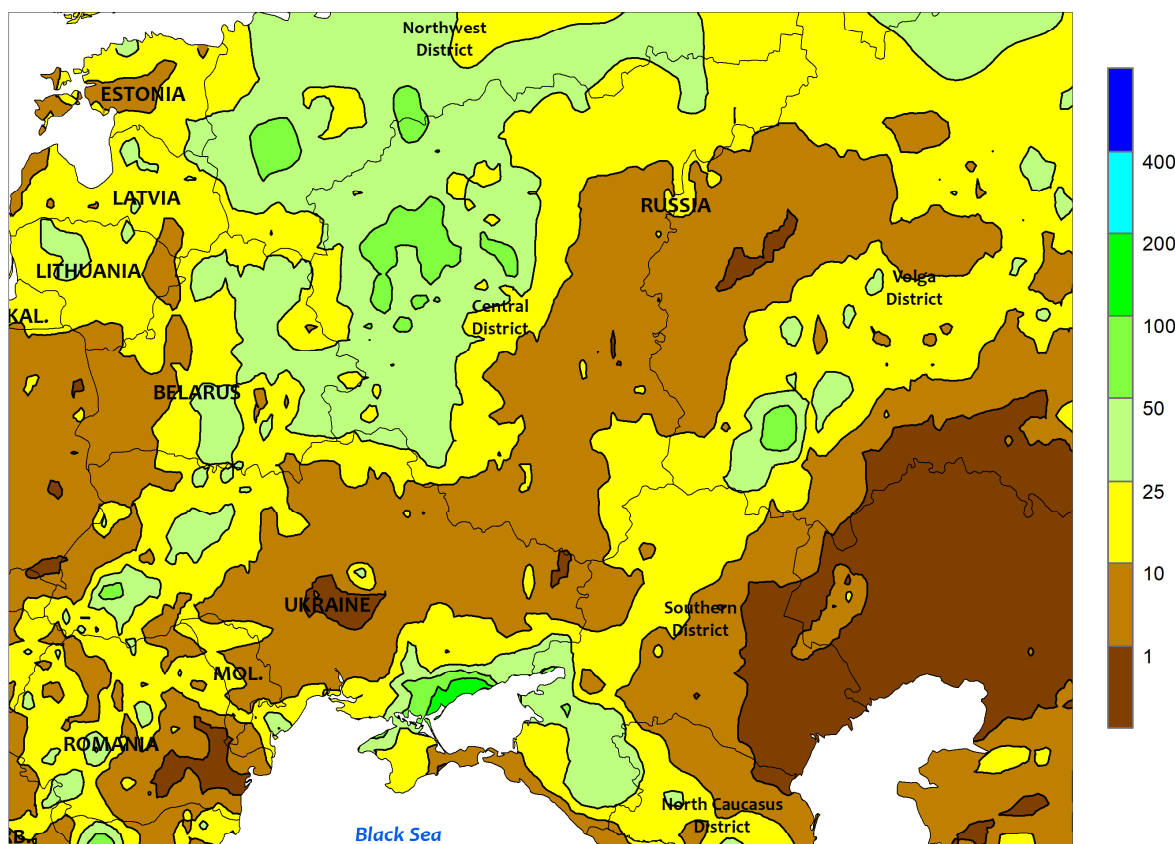
## EUROPE

Extreme heat on top of acute short-term dryness adversely impacted summer crops in western and southeastern growing areas. After a recent spell of cool weather, temperatures soared into the upper 30s (degrees C) across much of western and southern Europe, with daytime highs reaching or topping 40°C in central and southern portions of France and Spain. The impacts of the heat on reproductive to filling summer crops were worsened by ongoing short-term dryness and drought; 30-day rainfall in key corn, soybean, and sunflower areas of western and southwestern France has tallied a meager 10 percent of normal or less, with 60-day rainfall locally less than 50 percent of normal. Similar dryness has also been reported across the southern half of Spain, necessitating higher-than-normal irrigation demands for reproductive to filling sunflowers, corn, and cotton while lowering the yield potential of non-irrigated summer crops.

Similar conditions have also been observed along and immediately south of the lower Danube River, with temperatures as high as 38°C coupled with short-term drought (30-day rainfall less than 10 percent of normal) trimming previously-favorable yield prospects for reproductive to filling corn and soybeans in eastern Bulgaria and southern-most portions of Romania. Meanwhile, daytime highs spiked to 35°C on July 31 across southeastern England, though the short duration of the heat and recent near- to above-normal rainfall mitigated potential impacts on reproductive to filling spring grains and oilseeds. Elsewhere, scattered showers and thunderstorms (2-25 mm) from northern France into Poland and the northern Balkans maintained mostly favorable yield projections for reproductive to filling spring grains and oilseeds as well as corn, sunflowers, and soybeans.



WESTERN FSU  
Total Precipitation (mm)  
July 26 - August 1, 2020



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

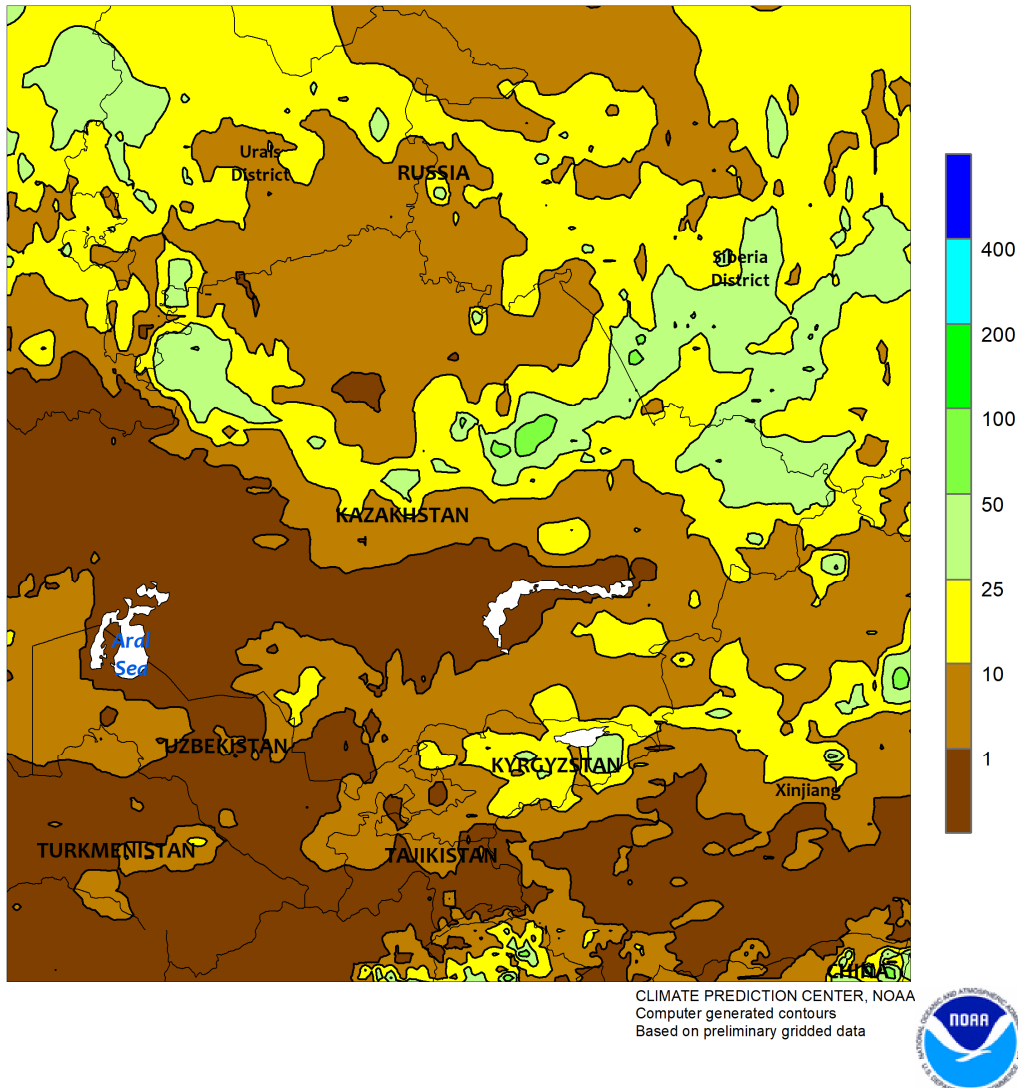


WESTERN FSU

Widespread, locally heavy showers stabilized or improved conditions for reproductive to filling summer crops, though locally dry weather prevailed in parts of Ukraine. A slow-moving cold front was responsible for 10 to 90 mm of rain from the Black Sea Coast northeastward across much of western Russia. As a result, the recent recovery in Russia from early-July heat and dryness continued, benefiting reproductive (north) to filling (south) corn and sunflowers, though summer crops in southern-most growing areas (North Caucasus District and immediate environs) likely suffered irreversible yield losses from the blistering heat during the first half of July. However, summer crop prospects across

the remainder of west-central Russia remained overall favorable, particularly in the Central District (a major corn producer). In Ukraine, which largely avoided the excessive early-July heat, showers and thunderstorms (2-40 mm) maintained overall favorable conditions for reproductive to filling corn, sunflowers, and soybeans. However, dry weather (less than 5 mm) in west-central Ukraine and northern Moldova continued to limit topsoil moisture locally, which may temper summer crop yield expectations somewhat. Temperatures averaged up to 2°C above normal for the week, though maximum temperatures remained near or below 35°C across most major growing areas.

EASTERN FSU  
Total Precipitation (mm)  
July 26 - August 1, 2020

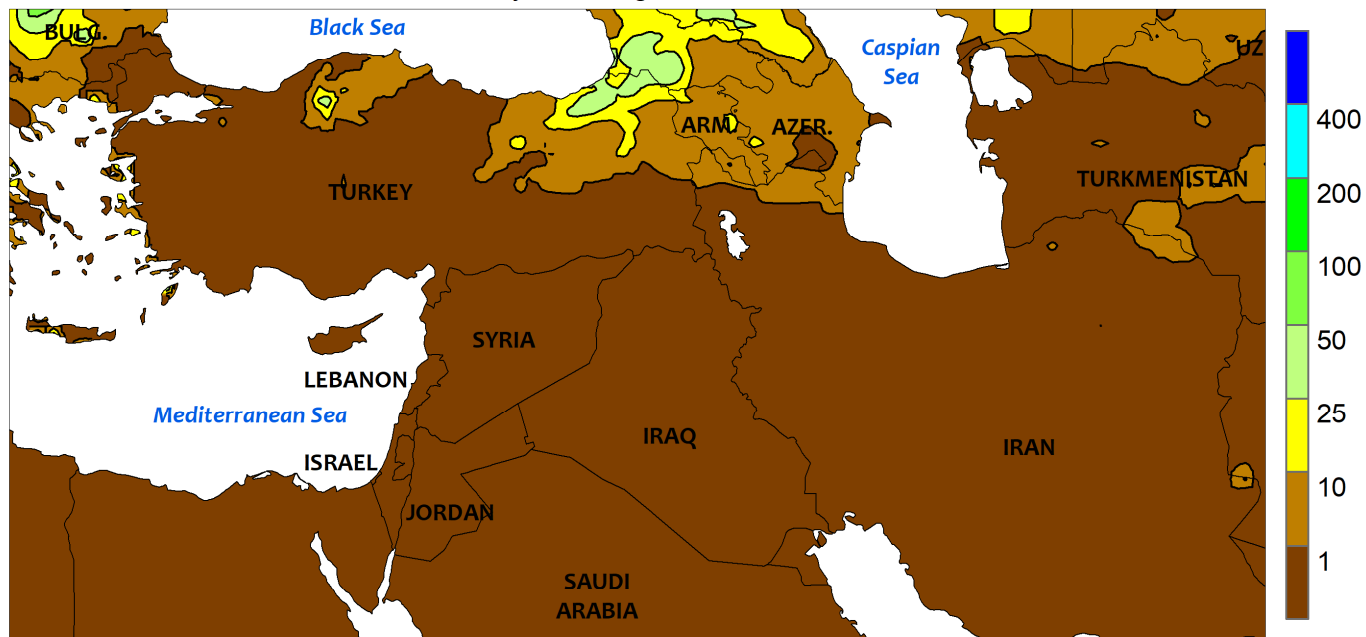


### EASTERN FSU

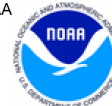
A slow-moving storm system and its attendant cold front brought widespread rain and cooler weather to the region's spring grain belt. Rainfall totaled 10 to 65 mm over northern Kazakhstan and central Russia, though locally less than 5 mm was reported in north-central Kazakhstan and neighboring portions of central Russia. The rain was particularly welcome in previously-dry portions of the southeastern Volga District, northwestern Kazakhstan (Kostanay), and the western Siberia District (Altai Krai). However, varying degrees of dryness and

drought lingered in the southern Urals District and environs (60-day rainfall less than 50 percent of normal). On top of the recent rain, cooler weather (up to 2°C below normal) helped stabilize conditions for spring wheat and barley following recent heat and drought. Farther south, mostly sunny skies and near-normal temperatures favored cotton development across Turkmenistan and Uzbekistan, while unseasonably heavy showers (10-50 mm) across Kyrgyzstan and neighboring locales were untimely for open-boll cotton.

MIDDLE EAST  
Total Precipitation (mm)  
July 26 - August 1, 2020



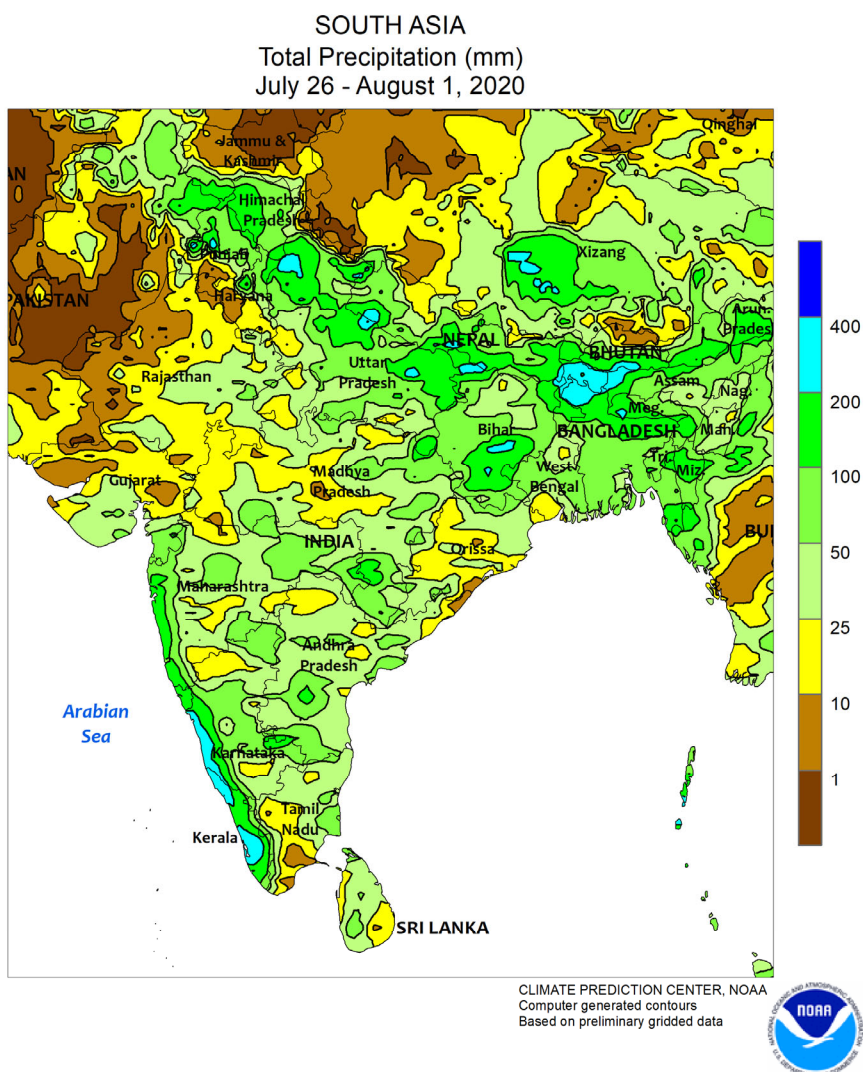
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary gridded data



MIDDLE EAST

Seasonably dry, warm weather prevailed across the region, promoting the development of Turkish summer crops. Sunny skies and a lack of extreme heat in Turkey favored filling corn, sunflowers, and cotton.

Satellite-derived vegetation health data continued to depict good to excellent yield prospects over nearly all of Turkey, and crops are past the key yield-determinant stages of development.

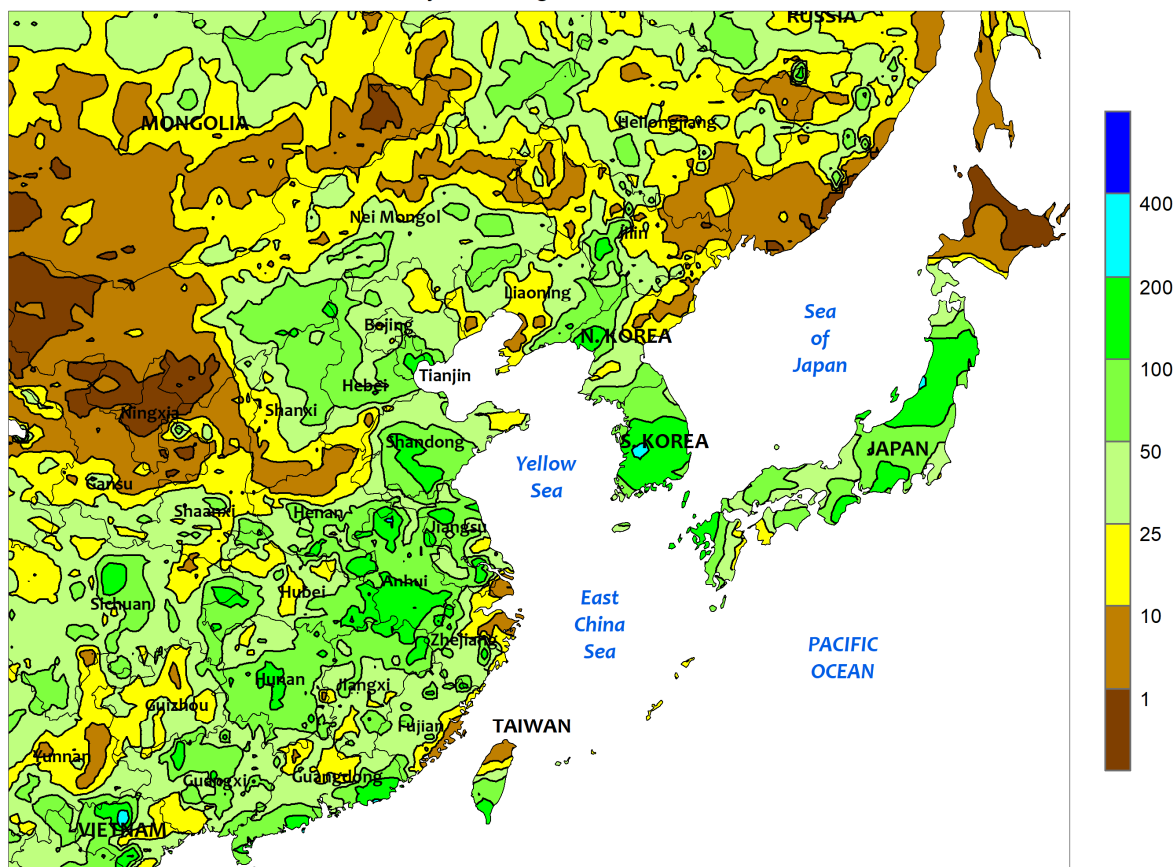


### SOUTH ASIA

Although widespread, monsoon showers remained unseasonably light throughout India. Rainfall totals were less than 25 mm in large portions of the country, limiting soil moisture for crops, particularly in central growing areas. Specifically, rice from Orissa to eastern Madhya Pradesh and oilseeds in western Madhya Pradesh and environs have experienced poor rainfall for

much of July (less than half of normal). More moisture is needed in August to prevent significant yield declines. In contrast, the remainder of the country has received favorable rainfall, boosting irrigation supplies for rice in the north and northeast (including Pakistan and Bangladesh) as well as keeping cotton well watered in the west and south.

EASTERN ASIA  
Total Precipitation (mm)  
July 26 - August 1, 2020



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



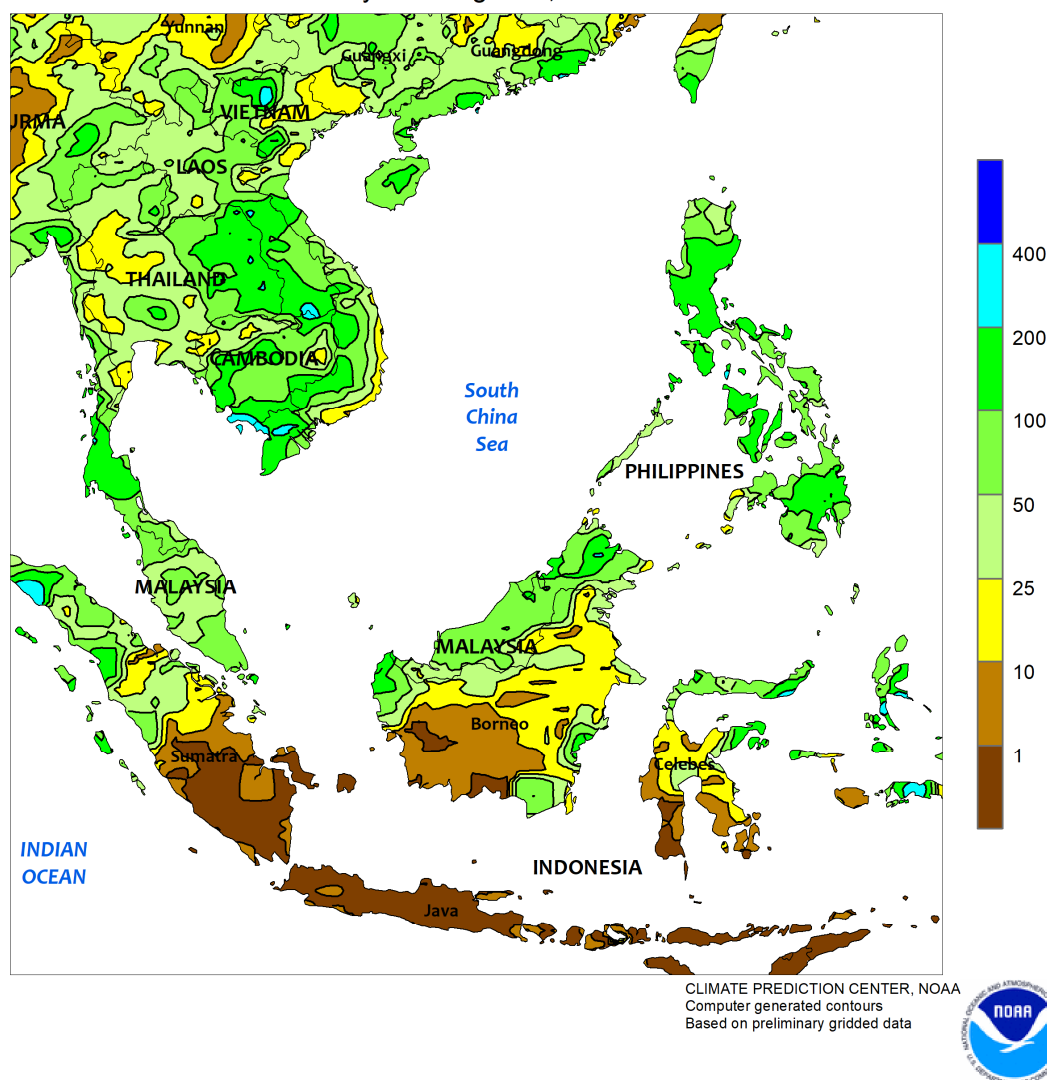
### EASTERN ASIA

Showers returned to northeastern China, providing much-needed moisture to reproductive corn and soybeans. After ill-timed dryness and heat during the early reproductive stages, 10 to 50 mm or more of rain eased stress on crops in most prefectures. However, even with the rainfall, temperatures continued to be up to 4°C above normal in some locales. In addition, a pocket of drier weather in western Jilin raised concerns over lower yield potential for corn. Farther south, showers (25-100 mm) on the North

China Plain maintained favorable soil moisture for corn and other summer crops. Similar rainfall amounts occurred in the Yangtze Valley and most southern Provinces, and while flooding has likely abated in the lower Yangtze Valley, the area remained excessively wet. Elsewhere, heavy showers (50-200 mm) were reported across much of the Korean Peninsula and most of Japan, boosting moisture supplies for rice and other summer crops, but causing localized flooding.



SOUTHEAST ASIA  
Total Precipitation (mm)  
July 26 - August 1, 2020

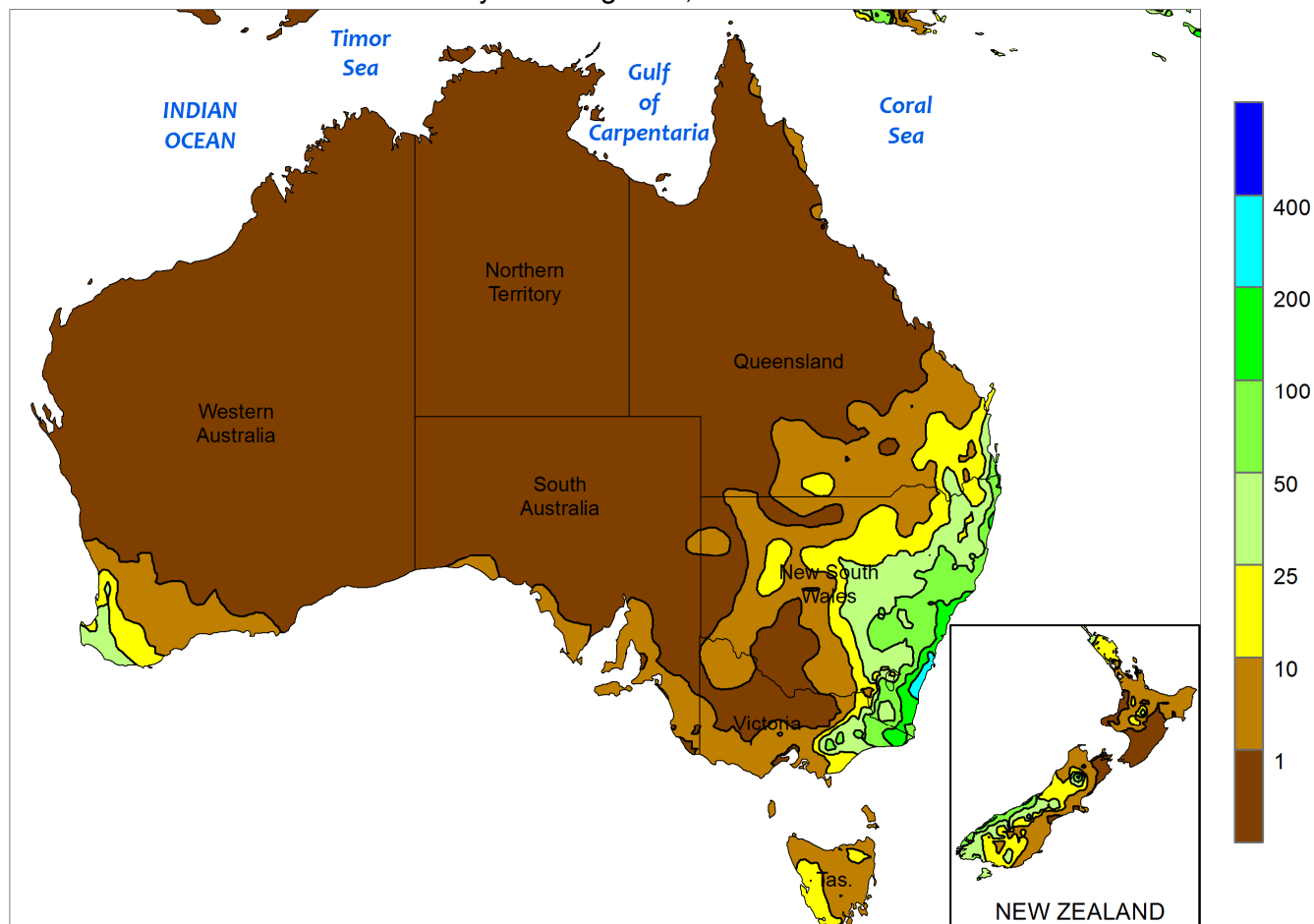


### SOUTHEAST ASIA

A tropical cyclone (Sinlaku) formed in the South China Sea late in the period, spawning widespread rainfall throughout the region. Much of Indochina into northeastern Thailand reported 50 to 100 mm (locally more) of rain, bringing much-needed moisture to rice areas experiencing lackluster monsoon rainfall.

The Philippines recorded similar rainfall totals (50-200 mm), benefiting rice and corn, particularly in the north where moisture deficits have been significant. Meanwhile, oil palm in Malaysia and Indonesia received 50 to 100 mm of storm-induced rain, keeping 90-day rainfall totals above to well-above average.

AUSTRALIA  
Total Precipitation (mm)  
July 26 - August 1, 2020



Gridded data from the Australian Bureau of Meteorology: [www.bom.gov.au/](http://www.bom.gov.au/)  
Creative Commons License found at:  
<https://creativecommons.org/licenses/by/3.0/au/legalcode>

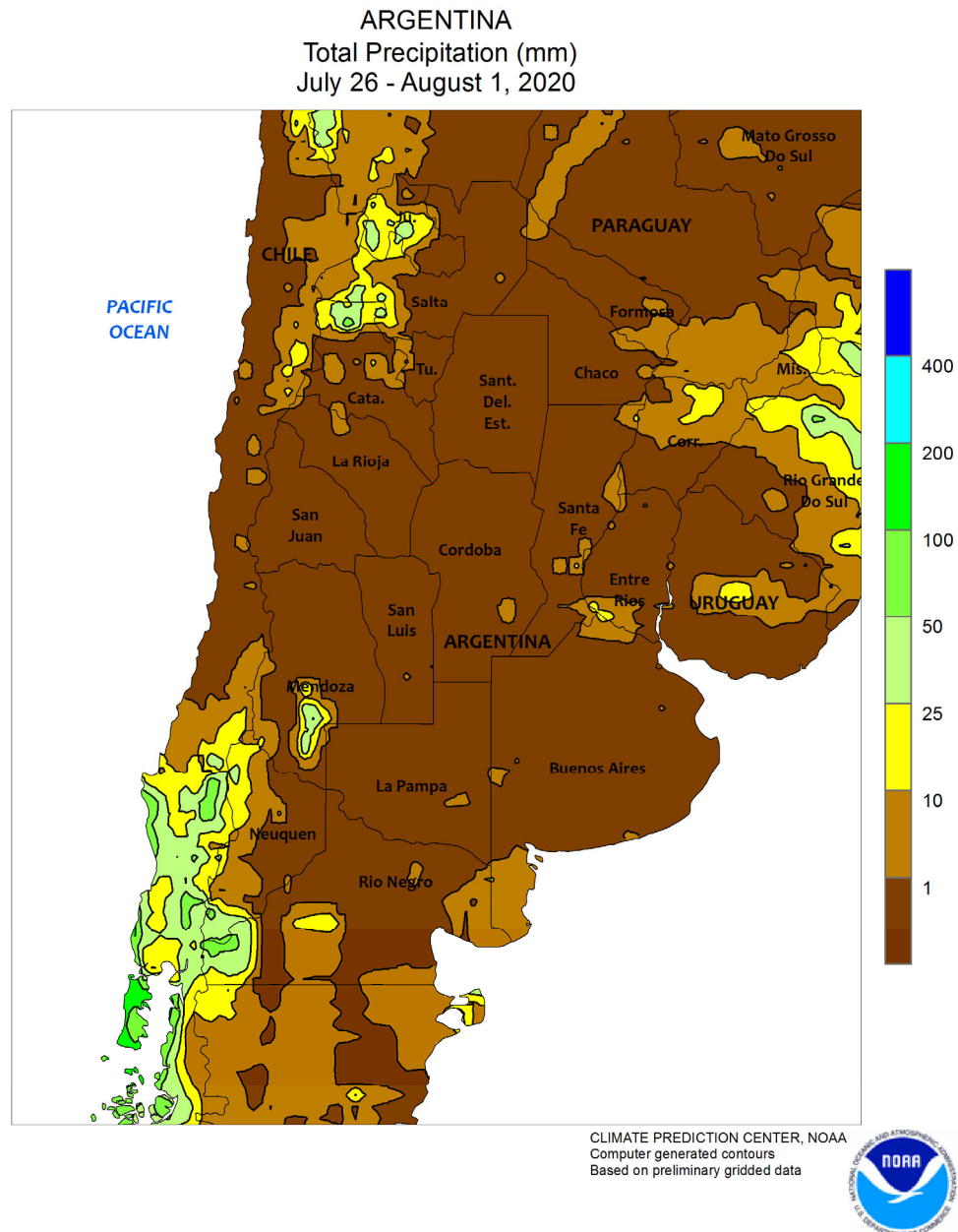
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary gridded data



### AUSTRALIA

Widespread showers (5-25 mm, locally near 50 mm) overspread eastern Australia, providing a needed boost in topsoil moisture for wheat and other winter crops in southern Queensland. The rain also benefited winter grains and oilseeds in New South Wales, helping to maintain good crop conditions throughout most of the state. In contrast, mostly dry weather (less than 5 mm) prevailed in Victoria and South Australia, further reducing the amount of water available to winter crops.

More rain would be welcome in these states to promote development of vegetative winter grains and oilseeds. In Western Australia, scattered showers (5-15 mm) favored wheat, barley, and canola in southern and western portions of the wheat belt, while drier weather covered northern and eastern areas. Temperatures averaged 2 to 3°C above normal in Western Australia and near normal (within 2°C of normal) in southern and eastern Australia.



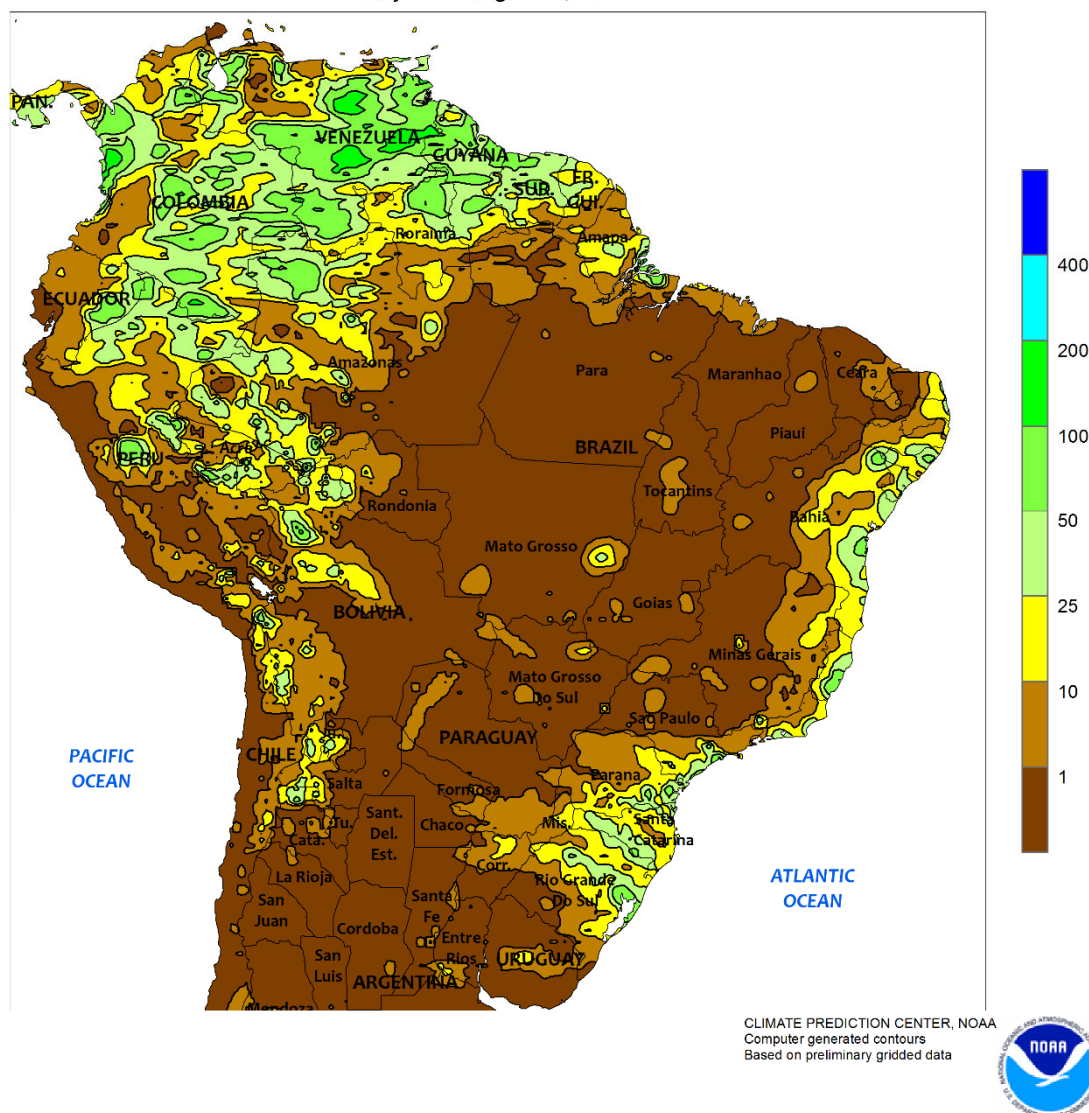
Sunny skies aided development of winter grains, though moisture was limited for germination in western production areas. Aside from a few stray showers (rainfall generally below 5 mm), the country's main agricultural areas were completely dry. Weekly temperatures averaged near to below normal, with highest daytime temperatures ranging from the upper 10s (degrees C) in southern Buenos Aires to the middle 30s in the

vicinity of Chaco and Formosa. Nighttime lows of  $-5^{\circ}\text{C}$  were recorded as far north as Chaco. According to the government of Argentina, corn was 96 percent harvested as of July 30, 7 points ahead of last year. Wheat and barley were 96 and 93 percent planted, respectively. Winter grains were reported to be generally in good condition, though the need for additional moisture for the final stages of planting in Cordoba was noted.

## BRAZIL

Total Precipitation (mm)

July 26 - August 1, 2020

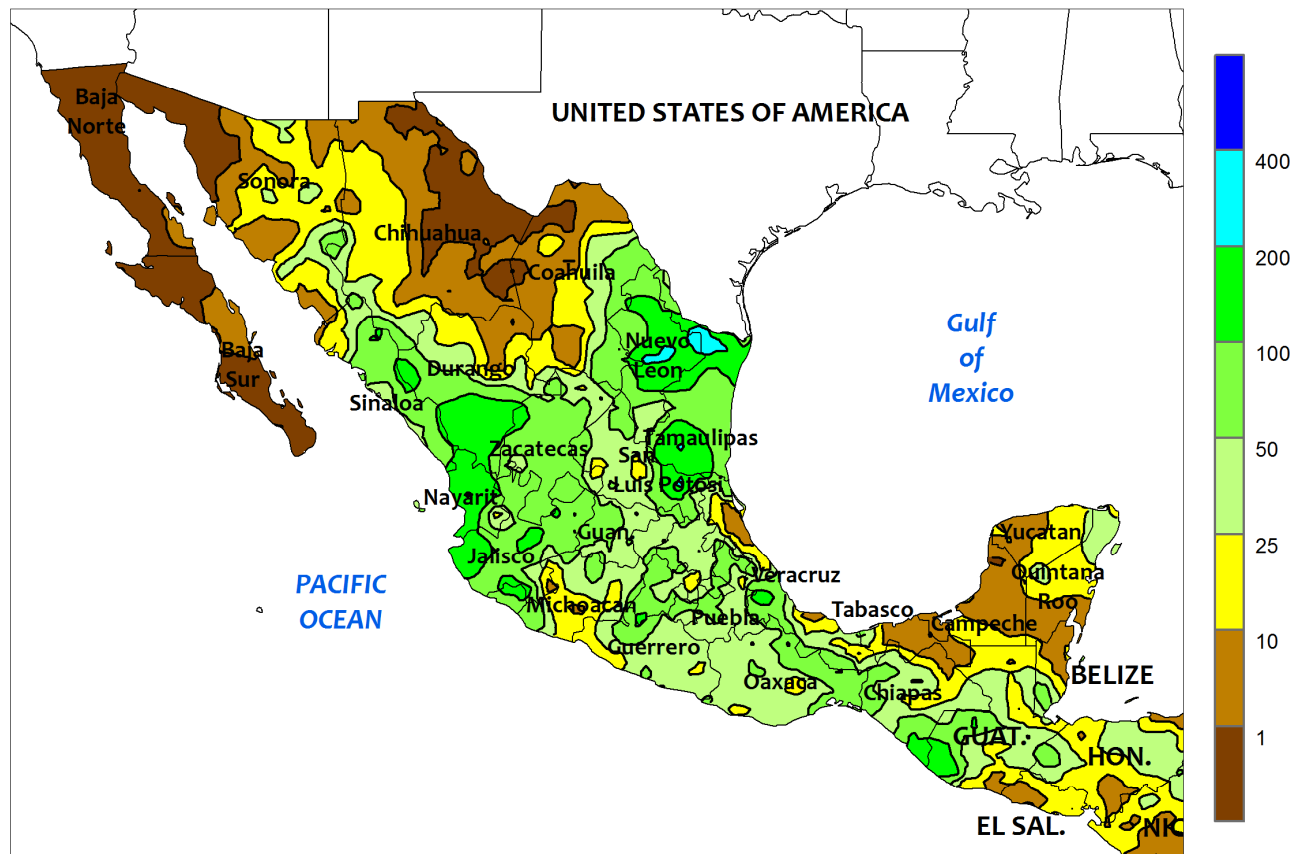


## BRAZIL

Conditions favored drydown and harvesting of corn and cotton in key production areas of central and southern Brazil. Rainfall totaling more than 5 mm was confined to Rio Grande do Sul and along the northeastern coast, where a few locations recorded more than 25 mm. Weekly temperatures averaged near to below normal; in Parana and Rio Grande do Sul, highest daytime temperature mostly ranged from the lower to upper 20s (degrees C). Nighttime lows dropped below 5°C in southern production areas but frost was likely confined to Rio

Grande do Sul, where crops were not susceptible to damage. According to the government of Parana, second-crop corn was 26 percent harvested as of July 27, with 82 percent of the remaining crop mature in development; more than half of the wheat had reached reproduction, and additional moisture would be welcome after several weeks of dryness. In contrast, wheat in Rio Grande do Sul had not reached reproduction as of July 29. Meanwhile, corn and cotton were 94 and 40 percent harvested, respectively, in Mato Grosso as of July 31.

MEXICO  
Total Precipitation (mm)  
July 26 - August 1, 2020



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



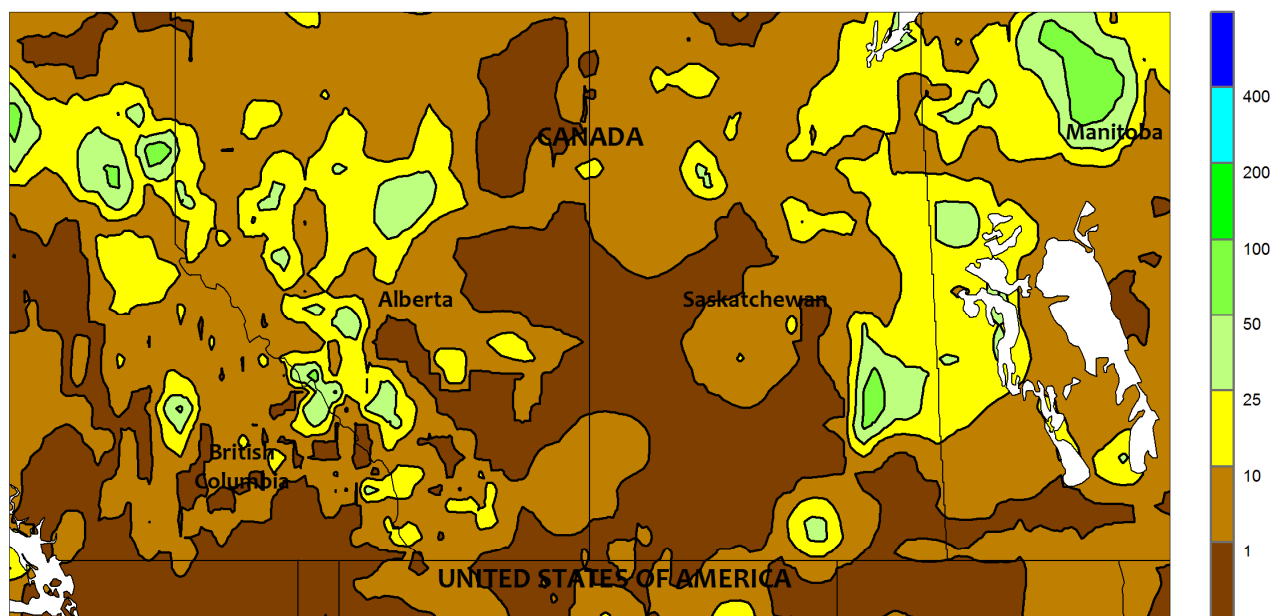
**MEXICO**

The remnants of Hurricane Hanna generated widespread heavy showers over the northeast, increasing long-term moisture reserves but resulting in some flooding. Rainfall totaling 100 to 200 mm or more were recorded over northern Tamaulipas and neighboring locations in Nuevo Leon as the dissipating storm moved westward; similar amounts were recorded locally in southern Tamaulipas and eastern San Luis Potosi, with a broader area of the northeast recording at least 50 mm. Moisture from the storm remnants also contributed to rainfall in central Mexico, with

amounts totaling more than 100 mm in southern Durango; however, monsoon showers weakened from the previous week farther north, with only isolated heavy showers (greater than 50 mm) in Sonora and Chihuahua. Elsewhere, moderate to heavy rain (10-50 mm, locally higher) continued across the southern plateau (Jalisco to Puebla), with scattered showers extending from central Veracruz southeastward to Chiapas. However, pockets of dryness persisted in Veracruz and Tabasco, limiting moisture for sugarcane and other crops dependent upon summer rainfall.



CANADIAN PRAIRIES  
Total Precipitation (mm)  
July 26 - August 1, 2020



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



#### CANADIAN PRAIRIES

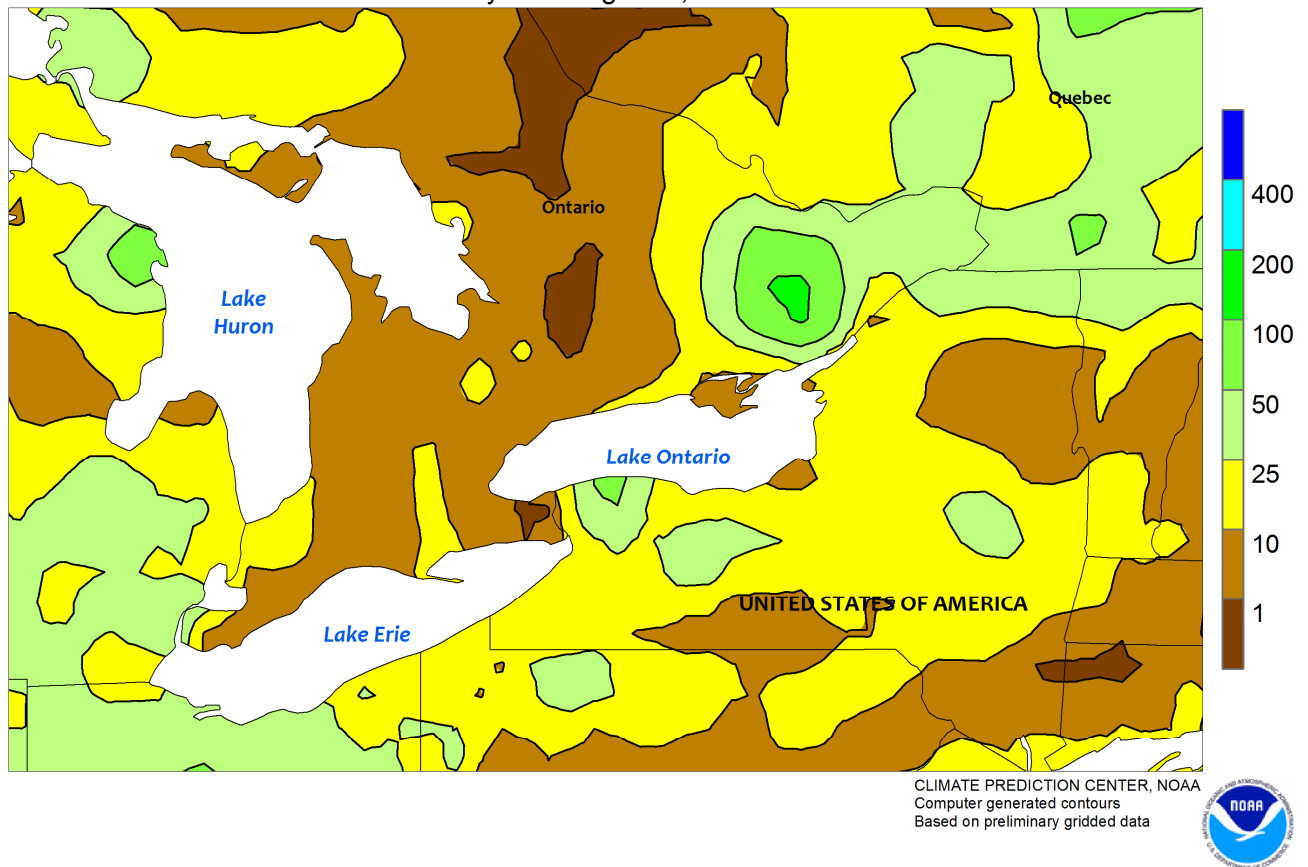
Warm, sunny weather fostered rapid development of spring grains and oilseeds. Little to no rain fell in the main agricultural districts, an exception being Manitoba's northwestern farming areas and adjacent locations in Saskatchewan where more than 10 mm was recorded. According to the government of Manitoba, excessive field moisture was still a problem in northwestern farming areas as of July 28. Elsewhere, the dryness was likely overall favorable

for cutting hay and helping to alleviate lingering wetness, although southwestern Saskatchewan was trending dry and additional moisture would have been welcomed to help crops fully fill. Weekly temperatures averaged near normal in the southeast, including most of Manitoba, and 3 to 5°C above normal in Alberta; daytime highs reached the upper 20s and lower 30s (degrees), locally reaching 35°C in from central Saskatchewan to southern Alberta.

## SOUTHEASTERN CANADA

Total Precipitation (mm)

July 26 - August 1, 2020



## SOUTHEASTERN CANADA

Warm, mostly dry weather prevailed across Ontario, but locally heavy showers provided some relief from dryness in Quebec. Rainfall totaled more than 25 mm, locally reaching 100 mm, in Quebec and eastern-most agricultural districts in Ontario. In contrast, few locations elsewhere in Ontario

recorded more than 10 mm. Weekly temperatures averaged 1 to 3°C above normal across the region, with daytime highs reaching 30°C on several days. As corn and soybeans progress through reproduction, additional moisture will be needed to ensure current yield prospects.

3 Aug 2020  
19:46 UTC

GOES East Visible  
August 3, 2020  
3:46 pm EDT

Less than 8 hours prior to making landfall (at 11:10 pm EDT on August 3 near Ocean Isle Beach, North Carolina), Tropical Storm Isaias spun about 140 miles south-southwest of Myrtle Beach, South Carolina. Shortly after this satellite image was taken, Isaias regained hurricane strength, reaching the coast as a Category 1 storm.

Several days earlier, the nascent storm had struck Puerto Rico, delivering 6.04 inches of rain on July 29-30 in San Juan and causing flash flooding in parts of the commonwealth. Details regarding U.S. agricultural impacts related to Isaias will appear next week.

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

Correspondence to the meteorologists should be directed to:  
***Weekly Weather and Crop Bulletin*, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 4443B, Washington, DC 20250.**

Internet URL: [www.usda.gov/oce/weather-drought-monitor](http://www.usda.gov/oce/weather-drought-monitor)

E-mail address: [brad.rippy@usda.gov](mailto:brad.rippy@usda.gov)

An archive of past *Weekly Weather and Crop Bulletins* can be found at <https://usda.library.cornell.edu/>, keyword search "*Weekly Weather and Crop Bulletin*".

#### U.S. DEPARTMENT OF AGRICULTURE

##### World Agricultural Outlook Board

Managing Editor..... **Brad Rippey** (202) 720-2397

Production Editor..... **Brian Morris** (202) 720-3062

International Editor..... **Mark Brusberg** (202) 720-2012

Agricultural Weather Analysts..... **Harlan Shannon**  
and **Eric Luebehusen**

#### National Agricultural Statistics Service

Agricultural Statistician and State Summaries Editor.....  
**Irwin Anolik** (202) 720-7621

#### U.S. DEPARTMENT OF COMMERCE

##### National Oceanic and Atmospheric Administration

##### National Weather Service/Climate Prediction Center

Meteorologists..... **David Miskus, Brad Pugh, Adam Allgood,**  
and **Rich Tinker**

USDA is an equal opportunity provider and employer. To file a complaint of discrimination, write: USDA, Office of the Assistant Secretary for Civil Rights, Office of Adjudication, 1400 Independence Ave., SW, Washington, DC 20250-9410 or call (866) 632-9992 (Toll-Free Customer Service), (800) 877-8339 (Local or Federal relay), (866) 377-8642 (Relay voice users).