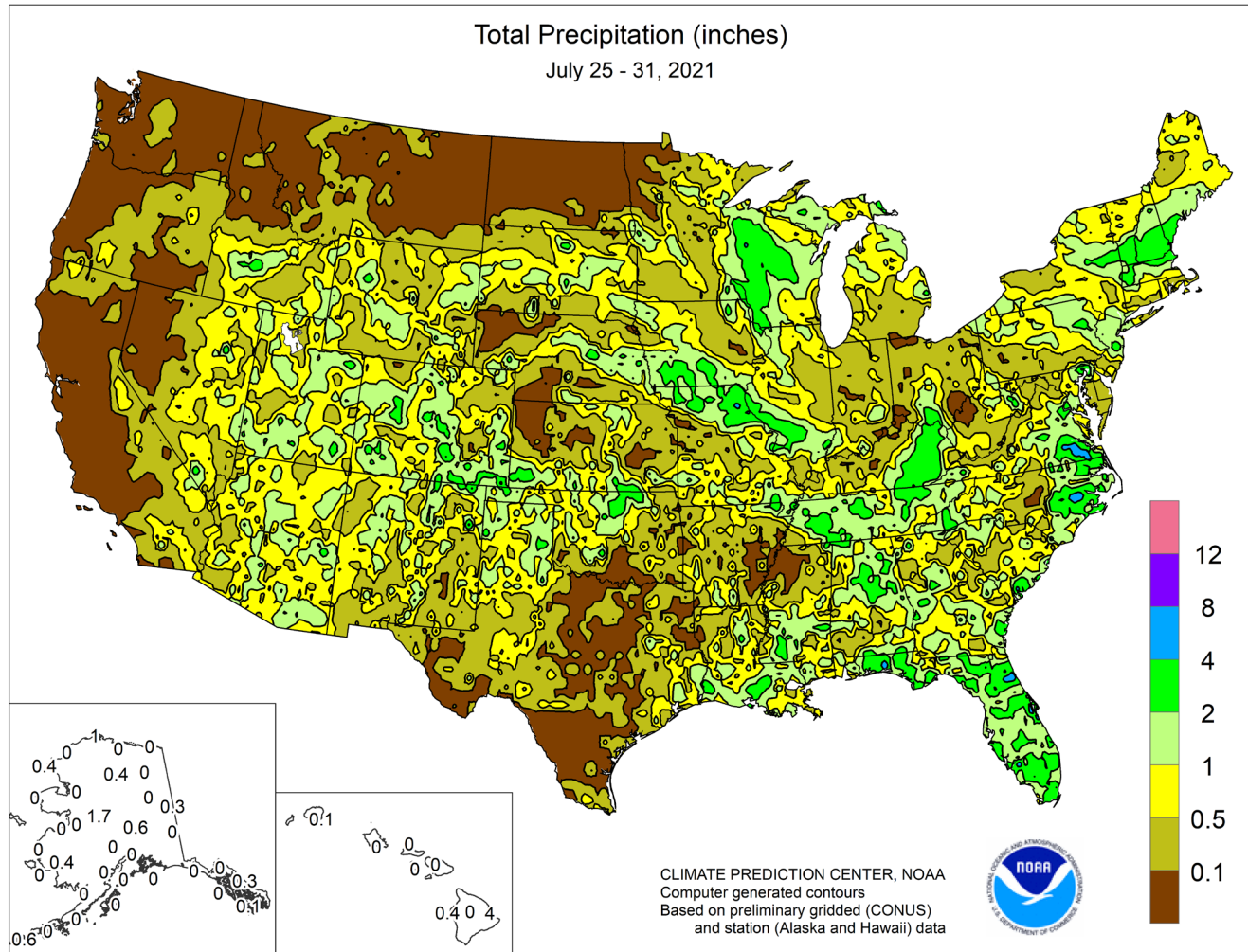


# WEEKLY WEATHER AND CROP BULLETIN

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 25 – 31, 2021**

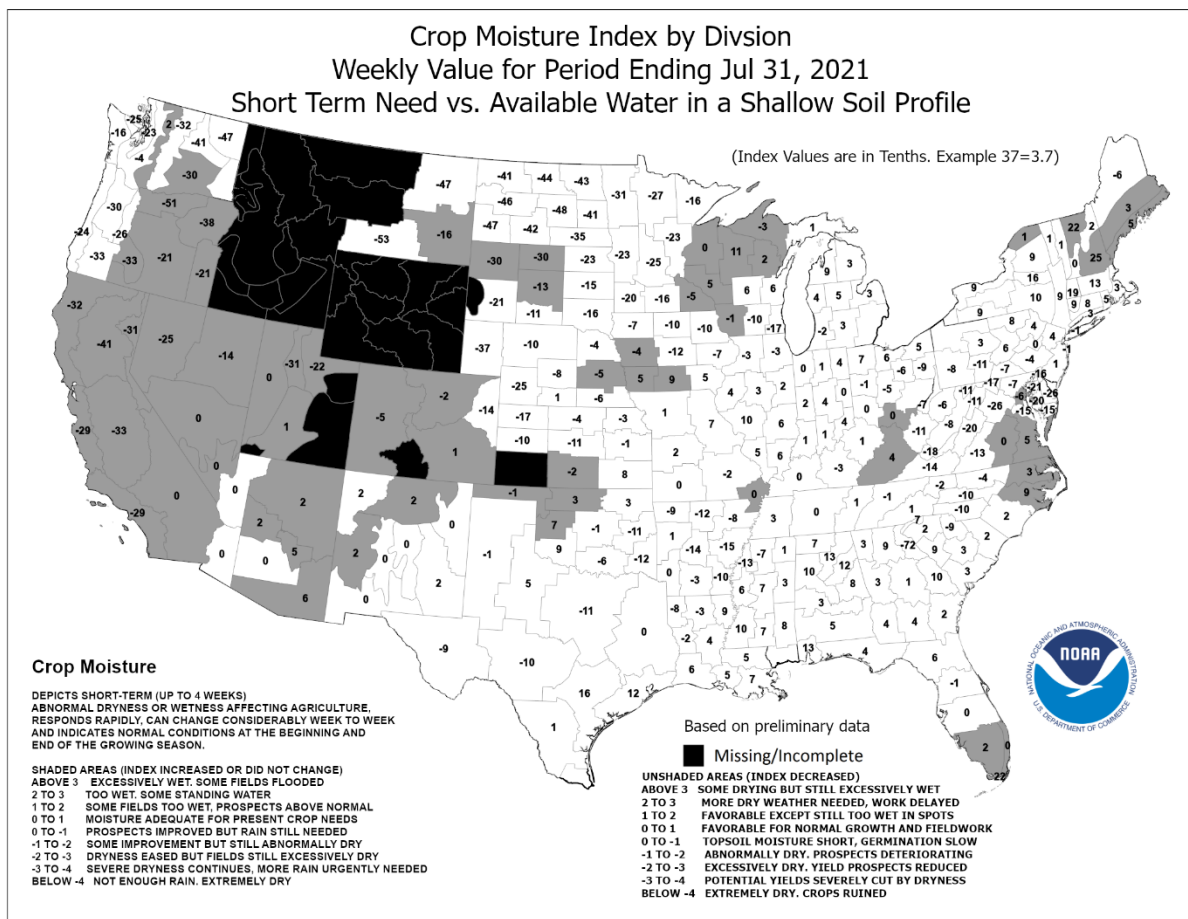
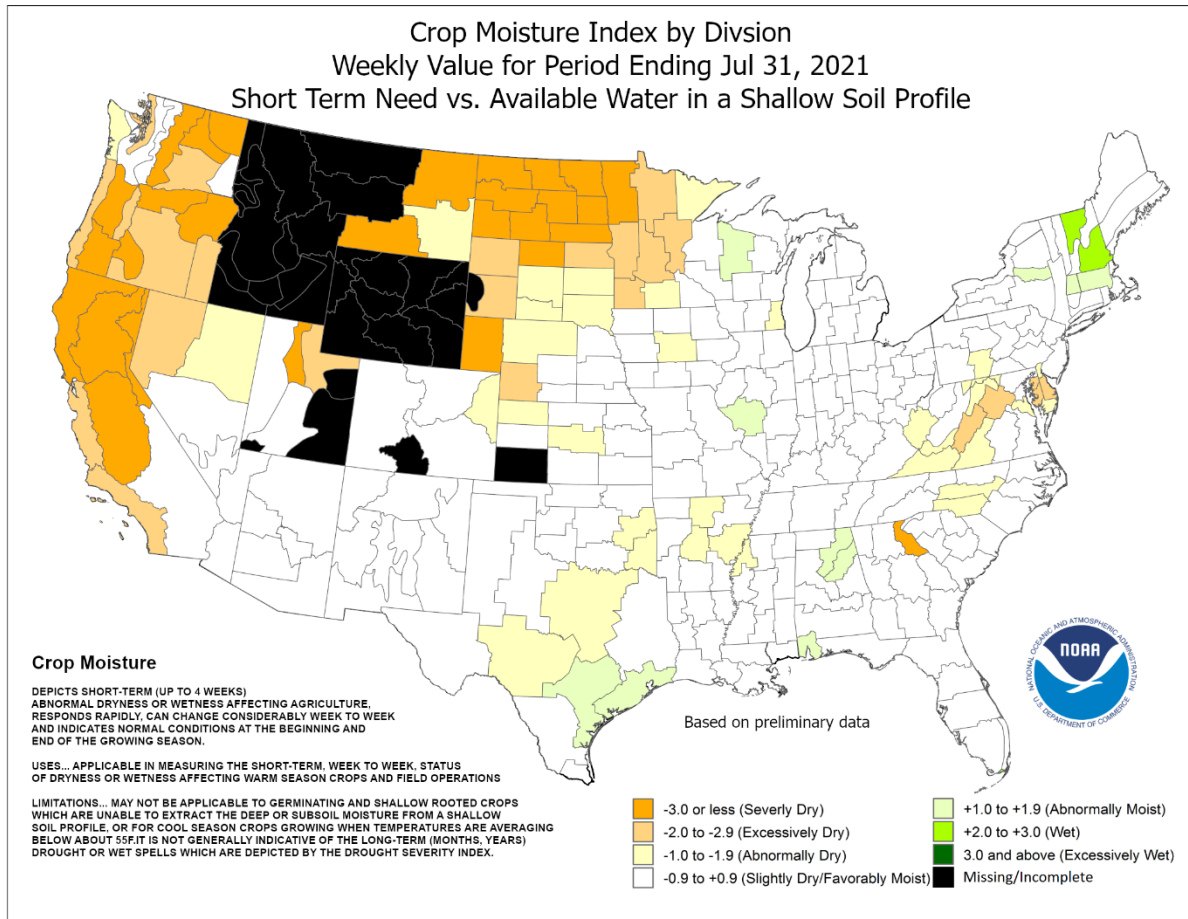
*Highlights provided by USDA/WAOB*

**M**ost parts of the country received some precipitation, but higher totals were limited to selected areas. For example, pockets of heavy rain dotted the **Southeast**, including **Florida**, the **Tennessee Valley**, and the **middle Atlantic coastal plain**. Another area of significant rain affected the **Northeast**. Meanwhile, many areas of the **Midwest** received little or no rain during the last 7 days of July, but there were notable exceptions. On July 28-29, locally severe thunderstorms swept southward from the **upper Great Lakes region**. Later, heavy rain fell on July 30-31

*(Continued on page 5)*

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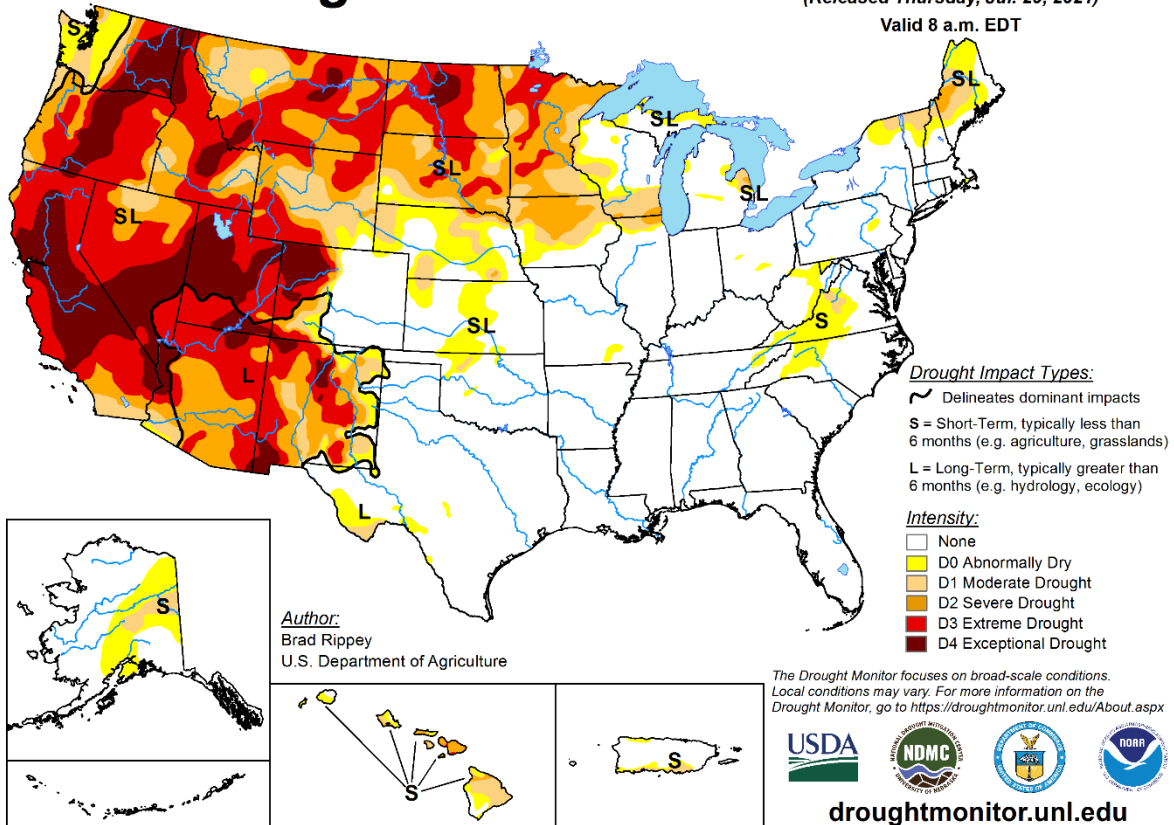


# U.S. Drought Monitor

July 27, 2021

(Released Thursday, Jul. 29, 2021)

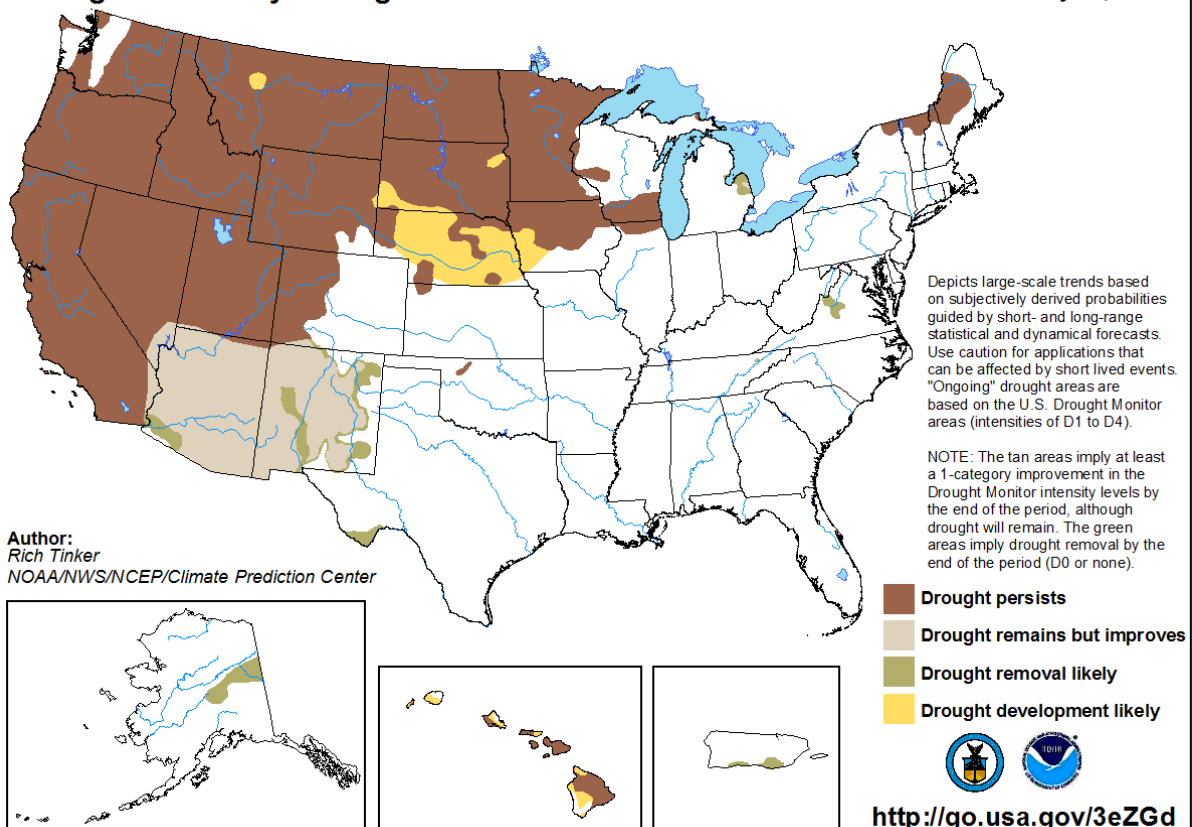
Valid 8 a.m. EDT



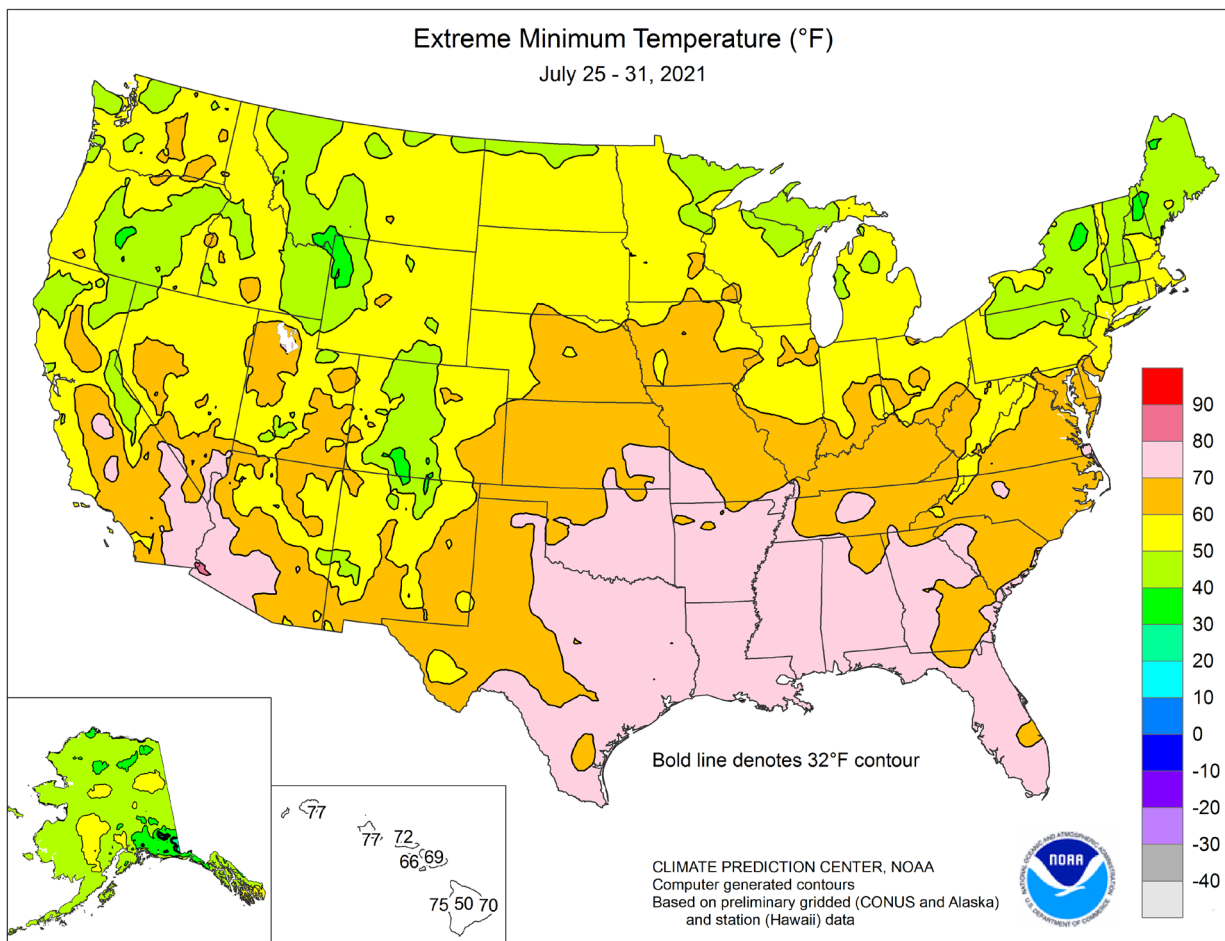
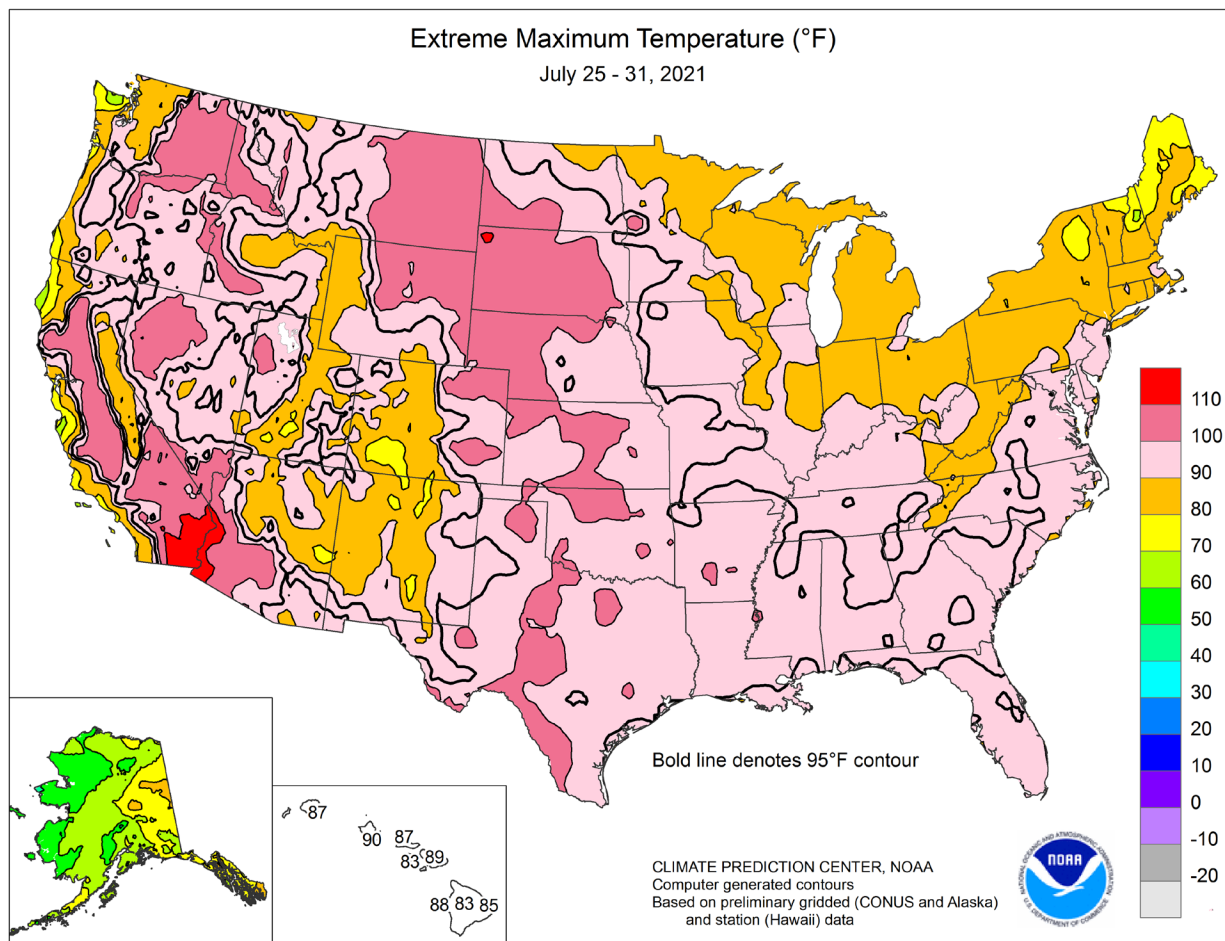
## U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period

Valid for August 2021  
Released July 31, 2021







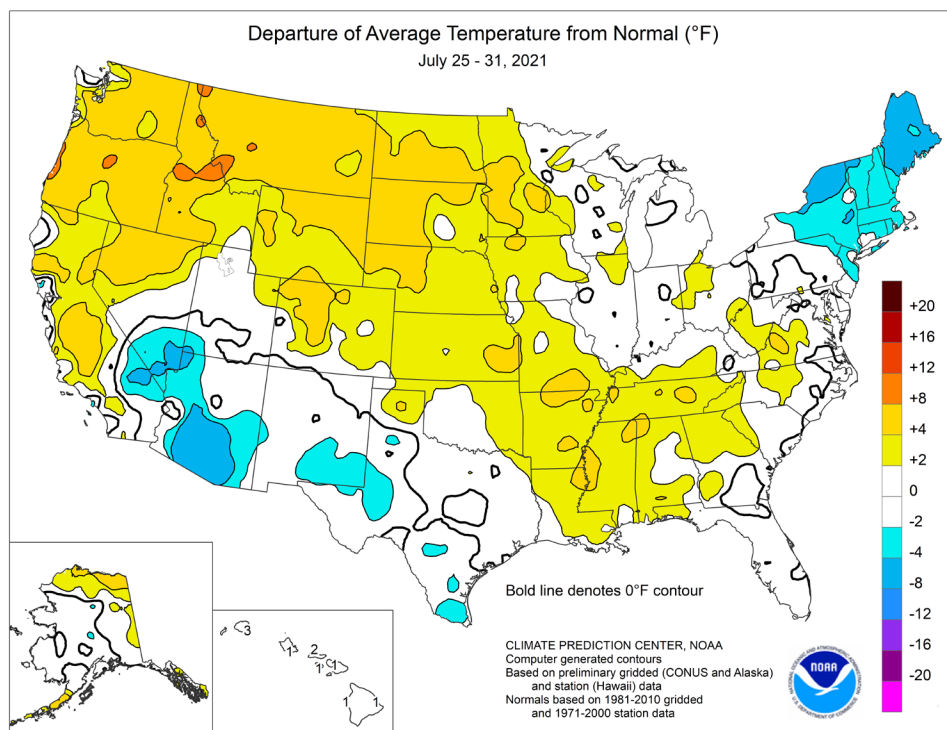


(Continued from front cover)

in parts of the **southwestern Corn Belt**. Farther west, streaks of heavy showers interrupted an otherwise dry pattern across the **Plains**. However, minimal rain fell in the hardest-hit drought areas of **Montana** and **North Dakota**, allowing for rapid harvesting of drought-damaged small grains such as barley and spring wheat. Elsewhere, the drought-affected **northern Rockies** and **Pacific Coast States** also remained dry, while abundant, monsoon-related showers across the remainder of the **western U.S.** boosted topsoil moisture, curbed the wildfire threat, and provided some drought relief. However, locally intense rain also sparked flash flooding and debris flows, especially in the **Four Corners States**. Cooler-than-normal conditions were confined to the **Northeast** and monsoon-affected areas of the **Southwest**. Near- or above-normal temperatures dominated the remainder of the country, as the hottest weather of the summer replaced previously cool weather in the **South**. Weekly temperatures averaged as much as 10°F above normal across the **interior Northwest** and **northern Rockies**, with hot weather extending across the **northern Plains** and **western Corn Belt**. In contrast, temperatures averaged at least 5°F below normal in parts of **New York** and **northern New England**.

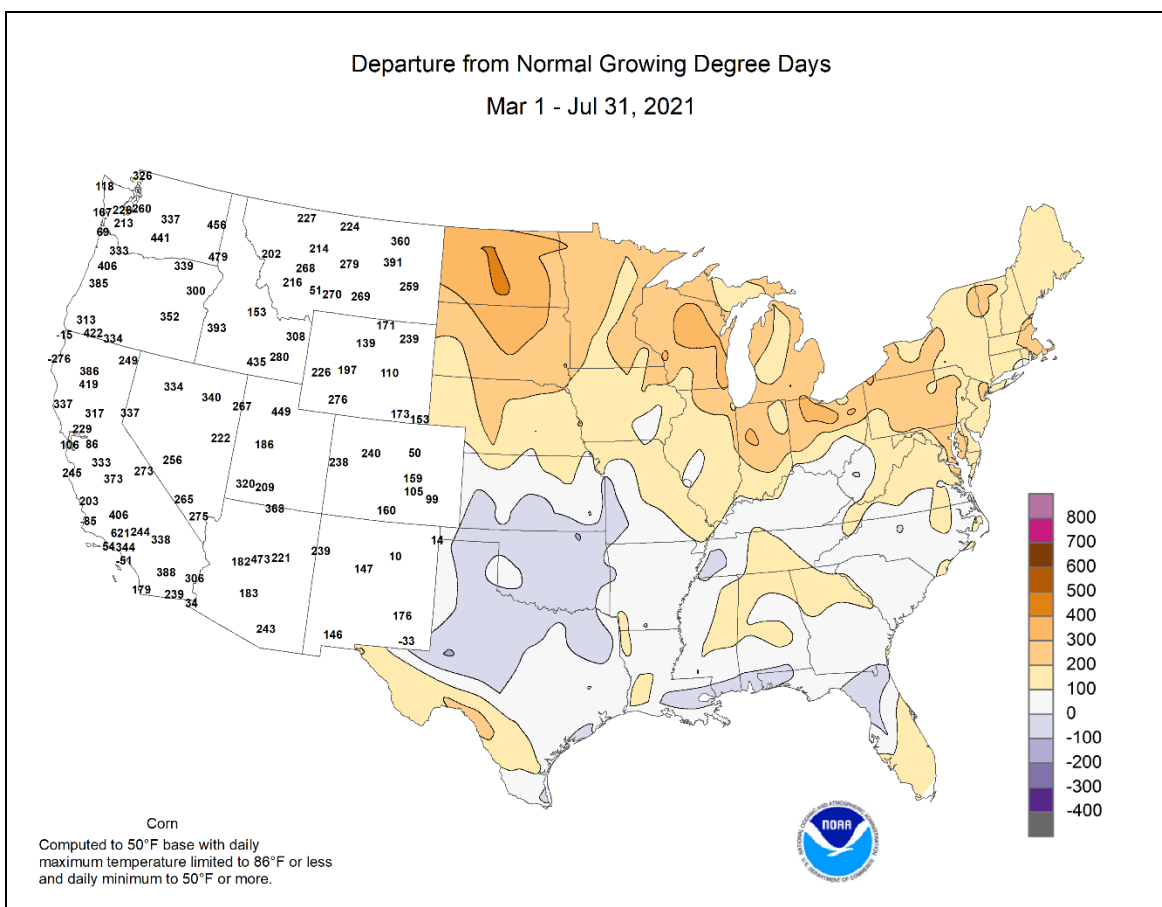
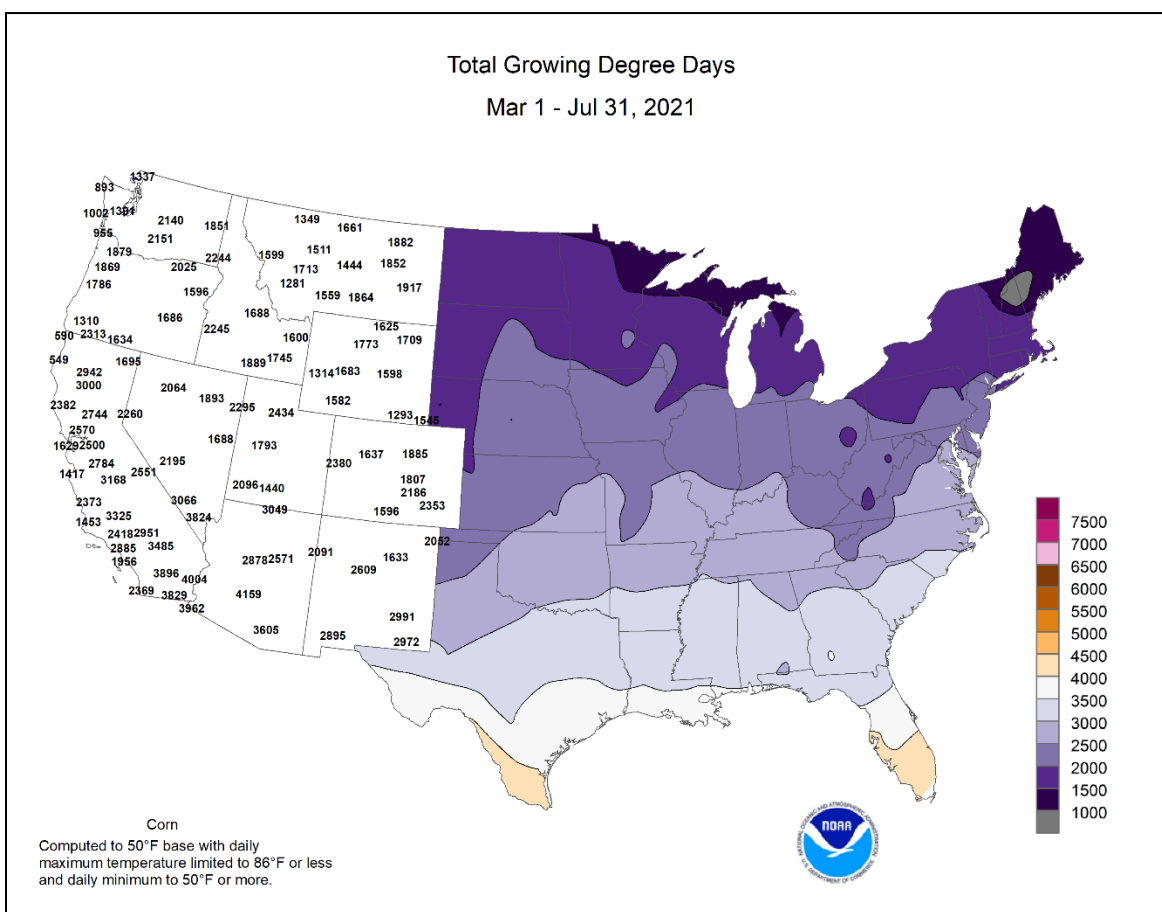
Chronically hot weather in the **Northwest** led to numerous daily-record highs. From July 25-27, **Greybull, WY**, tallied a trio of daily records (102, 102, and 105°F). Elsewhere in **Wyoming**, record-setting highs for July 27 soared to 107°F in **Sheridan**, 106°F in **Worland**, and 100°F in **Casper**. Other triple-digit, daily-record highs included 105°F (on July 25) in **Winnemucca, NV**, and 106°F (on July 27) in **Billings, MT**. Heat fully engulfed the **High Plains** by July 27, when temperatures surged to 108°F in **Miles City, MT**, and **Pierre, SD**. For **Pierre**, it was the hottest day since July 20, 2016, when the high reached 109°F. Similarly, **Rapid City, SD** (107°F on July 27), endured its highest reading since August 29, 2012, when it was also 107°F. During a final day of **central Plains** heat on July 28, triple-digit, daily-record highs climbed to 107°F in **Chadron, NE**, and 100°F in **Denver, CO**. From July 11-28, **Bismarck, ND**, noted 18 consecutive days with highs of 90°F or greater, tying an all-time station record originally set from July 2 – 19, 1936. Meanwhile, the focus for heat gradually shifted into the **South** and **Northwest**. **Dallas-Fort Worth, TX**, achieved its first three triple-digit readings of the year (100, 101, and 102°F) from July 25-27. On July 29, **Vicksburg, MS**, collected a daily-record high of 100°F. With a high of 101°F on July 30, **Pine Bluff, AR**, recorded its first triple-digit reading since August 7, 2015. **Pine Bluff's** streak of days without 100-degree heat—2,183 days—shattered the former mark of 1,132 days set from July 9, 1948 – August 14, 1951. In the **Northwest**, **Lewiston, ID**, closed the month with a pair of daily-record highs (109°F both days) on July 30-31. Other **Northwestern** daily-records included 110°F (on July 30) in **Hermiston, OR**, and 109°F (on July 31) in **Omak, WA**. In **Oregon**, July records were set for the number of 90-degree readings in **Eugene** (18 days) and 95-degree readings in **Medford** (22 days). **Medford** also weathered its hottest month on record, with a July average temperature of 80.3°F (previously, 79.9°F in July 2014). It was also the hottest month in **Northwestern** locations such as **Spokane, WA** (77.5°F), and **Lewiston, ID** (82.0°F); both previous records had been set in July 1906.

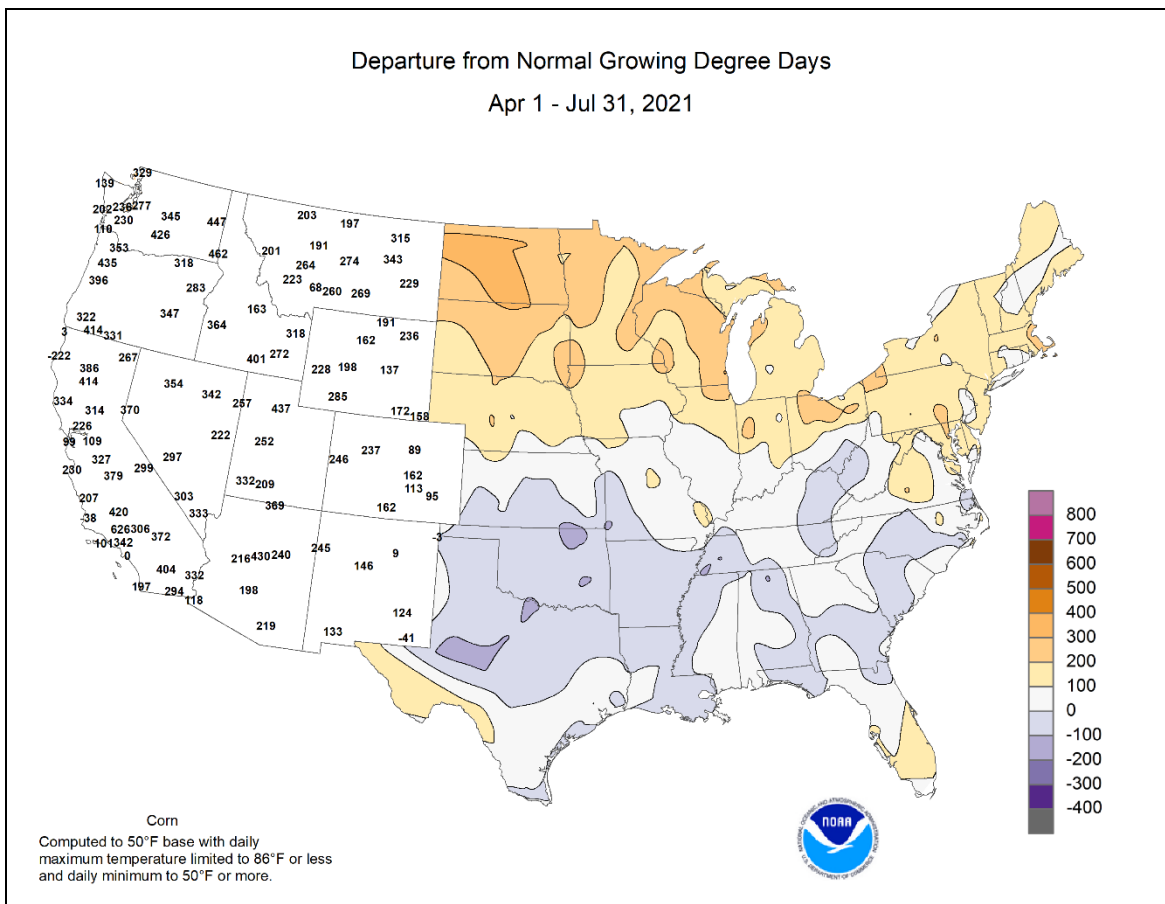
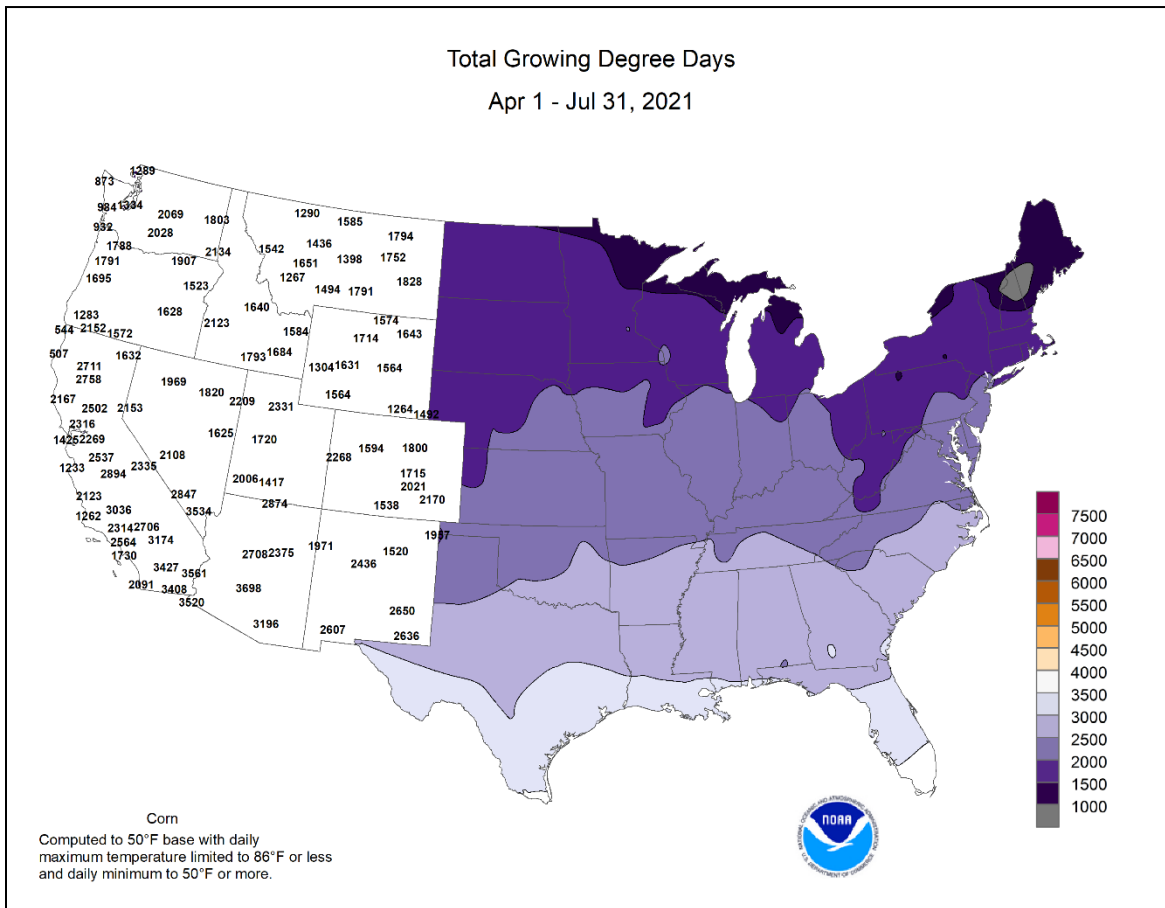
Heavy showers continued for much of the week in the **Southwest**, where **Tucson, AZ**, completed its wettest month on record. **Tucson's** monthly total, 8.06 inches (365 percent of normal), surpassed 7.93 inches in August 1955; previously, the wettest July in that location had occurred in 2017, with 6.80 inches. During the 9-day period from July 22-30, **Tucson** was pelted by 6.30 inches of rain—far greater than the 2020 annual sum of 4.17



inches. **Tucson** also received at least an inch of rain on 3 days (July 24, 25, and 27) during a month for the first time since July 2007. Monsoon-related showers briefly spread as far west as **southern California**, where downtown **Los Angeles** secured its third-wettest July, with 0.22 inch. Higher July totals in **Los Angeles** occurred in 2015 (0.38 inch) and 1886 (0.24 inch). Scattered showers also spread into parts of the **Northwest**, where record-setting rainfall totals for July 27 included 0.67 inch in **Burley, ID**, and 0.38 inch in **Klamath Falls, OR**. Another round of **Northwestern** showers on July 31 led to daily-record totals in **Idaho** locations such as **Idaho Falls** (1.28 inches) and **Boise** (0.83 inch). In **Utah**, late-July downpours led to flash flooding in numerous communities, including **Cedar City** and **Tooele**. In **Colorado**, a debris flow in **Glenwood Canyon** on July 29 closed Interstate 70. **Pueblo, CO**, received 2.76 inches of rain on the 31st, representing the wettest July day on record and wettest day during any month since October 8, 1957. Late-week rain also soaked parts of the **southwestern Corn Belt**, where **Des Moines, IA**, received 2.91 inches on July 30-31. In the **South** and **East**, daily-record totals topped 2 inches in **Greenville-Spartanburg, SC** (3.68 inches on July 26); **Nashville, TN** (3.13 inches on July 31); **Morgantown, WV** (2.99 inches on July 29); and **Sarasota-Bradenton, FL** (2.68 inches on July 27). Farther north, the wettest July on record closed in **Worcester, MA** (13.85 inches); **Binghamton, NY** (9.82 inches); and **Bangor, ME** (7.67 inches).

In parts of **western Alaska**, the month ended on a rainy note, capping a record-wet July. In **Kotzebue**, rainfall on July 27-28 totaled 1.15, helping to boost the monthly sum to 5.32 inches (333 percent of normal). **Kotzebue's** previous wettest July had occurred in 1931, when 4.16 inches fell. Meanwhile, **Nome** received more than an inch of rain on consecutive July days (1.15 and 1.47 inches on the 27th and 28th, respectively) for the first time on record. With a 6.41-inch monthly total (273 percent of normal), **Nome** experienced its wettest July since 1920, when 8.43 inches fell. Across **interior Alaska**, however, July precipitation totaled 1.19 inches (50 percent of normal) in **Delta Junction** and just 0.81 inch (28 percent) in **Northway**. Elsewhere, late-month warmth was mostly relegated to **northern Alaska**, where **Utqiagvik** attained 60°F for the first time this year on July 31. Farther south, warm, mostly dry weather prevailed in **Hawaii**, except for a few heavy showers in windward locations. On July 30, **Lihue, Kauai**, posted a daily record-tying high of 88°F. Meanwhile on the **Big Island**, **Hilo** reported measurable rain each day during July, totaling 9.52 inches (103 percent of normal). In contrast, **Kahului, Maui**, received July rainfall totaling only a trace (0.53 inch below normal) and has not reported measurable rain since May 20.







## National Weather Data for Selected Cities

Weather Data for the Week Ending July 31, 2021

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
AK	ANCHORAGE	64	53	68	50	58	-1	0.01	-0.50	0.01	1.33	47	5.17	84	85	61	0	0	1	0
	BARROW	51	41	58	37	46	6	0.97	0.72	0.35	1.76	129	2.69	122	93	86	0	0	6	0
	FAIRBANKS	72	55	82	53	64	3	0.28	-0.23	0.15	2.94	83	6.90	118	87	47	0	0	2	0
	JUNEAU	71	51	81	46	61	4	0.24	-0.91	0.24	8.81	112	37.00	135	87	49	0	0	1	0
	KODIAK	61	52	65	48	57	1	0.00	-1.04	0.00	9.78	90	42.83	101	85	63	0	0	0	0
AL	NOME	51	48	53	47	50	-2	4.13	3.51	1.59	7.41	238	11.81	160	96	87	0	0	7	3
	BIRMINGHAM	92	74	95	72	83	2	2.59	1.57	1.80	17.04	184	44.84	134	93	56	7	0	5	2
	HUNTSVILLE	94	73	95	70	83	3	0.80	-0.01	0.74	14.65	174	40.81	124	97	52	7	0	2	1
	MOBILE	93	74	95	73	84	2	1.01	-0.65	0.98	21.41	160	50.23	125	100	53	7	0	2	1
	MONTGOMERY	95	74	97	74	85	3	0.00	-1.03	0.00	11.95	128	31.49	96	96	51	7	0	0	0
AR	FORT SMITH	98	77	100	75	87	4	0.00	-0.71	0.00	10.80	142	30.87	115	91	45	7	0	0	0
	LITTLE ROCK	96	76	99	74	86	3	0.05	-0.61	0.05	10.74	155	29.55	102	93	48	7	0	1	0
AZ	FLAGSTAFF	75	53	79	50	64	-2	0.80	0.01	0.55	6.27	209	14.13	127	99	47	0	0	4	1
	PHOENIX	100	80	106	73	90	-5	0.18	-0.12	0.12	1.87	174	2.70	61	73	29	6	0	2	0
	PRESCOTT	82	63	85	61	72	-3	0.16	-0.47	0.11	2.28	90	4.94	69	89	44	0	0	4	0
	TUCSON	93	71	98	68	82	-4	3.76	3.11	1.50	6.19	250	7.20	126	89	34	6	0	4	3
	BAKERSFIELD	101	79	106	74	90	5	0.00	0.00	0.00	0.00	0	1.97	44	39	17	7	0	0	0
CA	EUREKA	58	52	62	50	55	-3	0.08	0.04	0.08	1.62	165	13.78	58	98	89	0	0	1	0
	FRESNO	103	77	107	73	90	6	0.00	0.00	0.00	0.00	0	5.11	64	43	16	7	0	0	0
	LOS ANGELES	71	64	73	61	67	-2	0.11	0.10	0.11	0.11	84	3.31	37	94	72	0	0	1	0
	REDDING	101	72	108	63	87	4	0.01	-0.01	0.01	0.01	1	9.19	44	57	16	6	0	1	0
	SACRAMENTO	96	63	103	59	79	4	0.00	0.00	0.00	0.00	0	4.49	37	72	22	6	0	0	0
CO	SAN DIEGO	77	68	79	65	73	2	0.00	-0.01	0.00	0.01	10	3.51	49	83	64	0	0	0	0
	SAN FRANCISCO	73	57	75	56	65	1	0.00	0.00	0.00	0.00	0	5.43	41	90	55	0	0	0	0
	STOCKTON	97	64	100	61	81	4	0.00	0.00	0.00	0.00	0	5.91	65	70	20	7	0	0	0
	ALAMOSA	85	50	89	43	67	2	0.04	-0.21	0.04	2.00	133	4.74	123	93	27	0	0	1	0
	CO SPRINGS	89	60	95	57	74	4	0.83	0.07	0.50	5.38	101	12.95	122	83	27	3	0	2	1
CT	DENVER INTL	93	64	100	61	79	4	0.13	-0.41	0.11	1.25	30	10.61	108	74	23	6	0	2	0
	GRAND JUNCTION	93	65	97	62	79	1	0.32	0.15	0.18	0.60	54	2.63	52	82	23	7	0	5	0
	PUEBLO	96	63	101	59	79	4	1.69	1.17	1.69	4.56	133	11.73	145	80	21	6	0	1	1
	BRIDGEPORT	83	66	90	56	74	-1	0.38	-0.53	0.23	10.05	142	26.04	104	89	48	1	0	4	0
	HARTFORD	83	62	91	52	73	-1	0.42	-0.63	0.19	12.79	149	29.36	111	90	45	1	0	3	0
DC	WASHINGTON	91	73	97	69	82	2	0.94	0.13	0.43	9.60	128	25.48	109	86	42	5	0	3	0
DE	WILMINGTON	87	67	92	60	77	0	0.53	-0.49	0.21	4.09	48	20.61	80	91	48	2	0	3	0
FL	DAYTONA BEACH	91	76	95	75	84	2	1.26	-0.09	0.75	12.31	105	22.54	84	95	58	6	0	3	1
	JACKSONVILLE	91	74	95	70	82	0	0.28	-1.17	0.16	15.79	121	31.33	110	100	64	4	0	2	0
	KEY WEST	89	82	93	77	86	1	0.50	-0.30	0.26	10.09	131	15.72	85	80	62	2	0	3	0
	MIAMI	92	78	93	77	85	0	0.62	-0.78	0.62	17.06	105	27.68	87	90	60	7	0	1	1
	ORLANDO	94	76	95	75	85	2	1.11	-0.58	0.43	12.39	83	23.72	80	94	53	7	0	3	0
GA	PENSACOLA	94	78	96	75	86	4	1.10	-0.62	0.68	20.56	146	49.43	129	94	56	7	0	5	1
	TALLAHASSEE	95	74	98	71	85	3	0.39	-1.31	0.32	10.31	69	27.30	74	95	50	7	0	2	0
	TAMPA	92	79	97	77	86	3	0.80	-0.77	0.44	19.61	142	28.61	110	86	58	5	0	3	0
	WEST PALM BEACH	92	76	93	75	84	1	0.26	-0.99	0.19	11.67	83	18.33	56	93	59	6	0	3	0
	ATHENS	93	74	97	73	84	3	1.39	0.39	1.39	10.31	118	28.83	103	87	53	6	0	1	1
HI	ATLANTA	92	75	95	73	84	3	0.50	-0.55	0.47	12.27	133	32.06	107	88	50	7	0	2	0
	AUGUSTA	95	74	97	69	84	3	1.13	0.11	0.74	14.80	162	34.76	130	94	53	7	0	5	1
	COLUMBUS	95	75	98	73	85	2	1.23	0.22	0.79	9.19	108	29.66	102	92	47	7	0	3	1
	MACON	96	73	98	70	84	2	1.42	0.35	0.94	11.76	130	28.59	102	96	51	7	0	2	1
	SAVANNAH	91	74	95	69	83	0	1.18	-0.25	0.85	14.20	122	29.06	104	99	60	4	0	2	1
IA	HILO	83	72	85	70	78	1	3.99	1.39	1.75	11.59	63	80.61	115	94	66	0	0	7	2
	HONOLULU	88	78	90	77	83	1	0.00	-0.14	0.00	0.15	17	9.31	111	71	47	2	0	0	0
	KAHULUI	87	73	89	69	80	1	0.00	-0.13	0.00	0.76	101	13.93	135	84	54	0	0	0	0
	LIHUE	87	78	87	77	82	3	0.15	-0.34	0.07	2.80	80	21.77	112	84	64	0	0	3	0
	BURLINGTON	86	66	91	61	76	0	0.90	-0.01	0.57	11.02	126	26.04	113	98	56	2	0	2	1
ID	CEDAR RAPIDS	86	64	91	58	75	3	0.00	-0.90	0.00	3.20	34	10.01	48	94	50	2	0	0	0
	DES MOINES	89	69	95	66	79	3	2.91	1.97	1.91	7.88	83	15.89	70	91	48	5	0	3	2
	DUBUQUE	84	63	89	57	73	2	1.76	0.78	1.61	7.44	85	15.67	72	95	54	0	0	3	1
	SIOUX CITY	90	66	95	62	78	4	0.00	-0.74	0.00	2.70	36	12.24	70	91	50	5	0	0	0
	WATERLOO	90	64	94	60	77	4	0.04	-0.96	0.04	2.11	21	10.05	45	89	46	5	0	1	0
IL	BOISE	99	71	102	65	85	7	0.43	0.34	0.39	1.21	112	6.86	93	50	17	7	0	2	0
	LEWISTON	101	71	109	64	86	9	0.01	-0.11	0.01	0.43	22	3.22	40	40	14	7	0	1	0
	POCATELLO	92	59	99	48	76	4	0.01	-0.14	0.01	0.02	1	4.93	65	70	26	5	0	1	0
	CHICAGO/O'HARE	86	68	94	61	77	3	0.35	-0.60	0.20	8.46	119	14.50	72	83	46	2	0	2	0
	MOLINE	88	67	92	62	78	3	0.27	-0.58	0.27	6.74	76	22.70	100	91	51	5	0	1	0
IN	PEORIA	86	68	92	59	77	2	1.18	0.36	0.71	8.91	121	27.14	125	90	53	4	0	2	1
	ROCKFORD	87	66	94	60	76	3	0.26	-0.67	0.26	3.48	40	11.59	55	89	44	3	0	1	0
	SPRINGFIELD	85	67	90	58	76	0	0.51	-0.30	0.51	9.62	114	27.69	123	94	54	2	0	1	1
	EVANSVILLE	89	69	93	64	79	1	0.01	-0.78	0.01	6.31	82	24.34	87	95	53	5	0	1	0
	FORT WAYNE	85	64	88	59	74	1	0.28	-0.66	0.28	11.43	135	24.75	106	95</					

## Weather Data for the Week Ending July 31, 2021

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	PRECIP	
																			.01 INCH OR MORE	.50 INCH OR MORE
KY	WICHITA	96	73	100	70	84	3	0.72	0.06	0.70	7.44	87	19.94	97	91	45	7	0	2	1
	LEXINGTON	87	66	92	62	77	1	0.01	-1.02	0.01	11.42	125	32.83	115	96	53	3	0	1	0
	LOUISVILLE	90	73	94	67	82	2	0.01	-0.98	0.01	9.22	114	30.15	108	83	48	5	0	1	0
LA	PADUCAH	92	72	94	69	82	4	0.15	-0.77	0.15	9.90	116	32.83	110	90	54	7	0	1	0
	BATON ROUGE	93	74	95	72	83	0	2.21	0.81	1.08	18.98	153	54.74	160	100	56	7	0	3	2
	LAKE CHARLES	95	76	96	74	86	3	0.43	-0.78	0.43	13.75	110	48.59	145	100	48	7	0	1	0
MA	NEW ORLEANS	96	79	97	78	88	4	0.04	-1.21	0.02	17.95	128	59.20	154	88	49	7	0	2	0
	SHREVEPORT	97	77	98	74	87	3	0.00	-0.76	0.00	7.91	87	33.43	106	85	45	7	0	0	0
	BOSTON	82	66	93	61	74	0	0.41	-0.45	0.15	11.86	167	27.93	110	82	47	1	0	4	0
MD	WORCESTER	77	60	85	51	68	-2	1.15	0.14	0.68	15.28	181	31.85	115	92	55	0	0	3	1
	BALTIMORE	92	71	97	68	82	5	1.42	0.48	1.38	6.22	82	22.55	92	86	38	6	0	2	1
	CARIBOU	73	52	79	46	62	-3	0.23	-0.63	0.13	6.26	83	18.94	90	87	47	0	0	3	0
ME	PORTLAND	76	56	84	51	66	-3	2.02	1.22	1.51	10.30	139	23.37	88	98	55	0	0	5	1
	ALPENA	80	57	88	51	68	1	1.57	0.91	0.93	7.87	140	15.60	100	95	49	0	0	4	1
	GRAND RAPIDS	83	62	89	53	73	1	0.20	-0.64	0.12	13.01	173	20.78	98	92	46	0	0	2	0
MI	HOUGHTON LAKE	81	54	87	46	67	0	0.12	-0.56	0.12	7.26	126	14.12	91	94	44	0	0	1	0
	LANSING	84	61	89	53	73	2	0.01	-0.65	0.01	9.75	155	17.13	96	91	44	0	0	1	0
	MUSKEGON	83	61	89	50	72	0	0.15	-0.46	0.15	9.59	195	16.91	98	88	48	0	0	1	0
MN	TRAVERSE CITY	81	60	89	54	71	1	0.45	-0.25	0.20	10.31	168	16.11	91	89	46	0	0	4	0
	DULUTH	81	59	89	57	70	4	1.12	0.35	1.05	4.50	55	12.83	75	92	46	0	0	3	1
	INT. L FALLS	82	51	84	45	66	1	0.25	-0.44	0.15	2.51	33	7.46	52	95	38	0	0	2	0
MO	MINNEAPOLIS	89	68	93	61	78	5	0.14	-0.82	0.08	2.90	34	12.78	71	82	40	4	0	2	0
	ROCHESTER	83	63	88	57	73	0	0.99	-0.01	0.55	5.57	60	14.04	71	93	59	0	0	4	1
	ST. CLOUD	88	61	93	55	74	4	0.18	-0.54	0.12	3.47	46	12.52	79	92	39	4	0	2	0
MS	COLUMBIA	91	70	95	62	81	3	0.49	-0.37	0.47	16.56	187	36.53	143	91	54	5	0	2	0
	KANSAS CITY	93	73	98	67	83	4	0.08	-0.76	0.08	9.74	100	26.24	111	89	51	6	0	1	0
	SAINT LOUIS	90	73	97	66	82	2	0.87	-0.02	0.63	9.87	117	26.88	108	86	50	5	0	3	1
MT	SPRINGFIELD	93	72	94	71	83	4	0.60	-0.09	0.59	7.11	83	34.06	128	95	52	7	0	2	1
	JACKSON	96	74	97	73	85	3	0.65	-0.43	0.65	13.47	150	37.94	114	93	47	7	0	1	1
	MERIDIAN	96	75	98	74	85	5	1.30	0.17	0.98	17.18	179	47.80	136	93	50	7	0	2	1
NC	TUPELO	96	77	98	75	86	5	0.28	-0.55	0.28	22.44	267	51.35	155	95	50	7	0	1	0
	BILLINGS	96	67	106	61	82	7	0.00	-0.25	0.00	0.46	13	4.87	52	43	14	6	0	0	0
	BUTTE	89	51	92	46	70	6	0.06	-0.23	0.04	0.80	22	3.71	43	70	18	2	0	2	0
ND	CUT BANK	91	57	95	50	74	8	0.03	-0.21	0.03	0.70	18	2.95	39	70	18	6	0	1	0
	GLASGOW	96	64	103	58	80	7	0.00	-0.33	0.00	1.00	24	2.97	37	58	17	6	0	0	0
	GREAT FALLS	95	60	99	52	78	8	0.03	-0.23	0.03	0.78	19	7.51	76	55	17	7	0	1	0
NE	HAVRE	95	60	101	48	78	6	0.00	-0.25	0.00	0.63	16	4.69	60	59	17	6	0	0	0
	MISSOULA	97	57	102	51	77	7	0.00	-0.21	0.00	0.91	29	5.85	65	60	16	7	0	0	0
	ASHEVILLE	89	65	90	62	77	3	0.14	-0.83	0.13	11.20	124	33.06	121	96	46	3	0	2	0
NC	CHARLOTTE	93	71	95	69	82	4	2.52	1.57	2.34	8.48	114	25.15	103	93	50	7	0	3	1
	GREENSBORO	91	71	95	69	81	3	0.00	-1.09	0.00	8.41	102	26.76	108	90	49	4	0	0	0
	HATTERAS	87	75	89	72	81	2	1.94	0.68	0.94	10.70	118	32.69	107	93	68	0	0	5	2
ND	RALEIGH	93	72	96	68	82	2	0.02	-1.09	0.02	12.58	152	27.66	109	96	54	6	0	1	0
	WILMINGTON	91	74	97	69	83	2	0.46	-1.36	0.23	20.76	163	35.27	111	94	59	5	0	3	0
	BISMARCK	91	61	102	53	76	4	0.00	-0.59	0.00	3.13	52	5.56	48	87	35	4	0	0	0
NE	DICKINSON	90	58	99	53	74	3	0.00	-0.43	0.00	3.61	64	7.96	73	83	27	4	0	0	0
	FARGO	88	60	93	55	74	3	0.00	-0.51	0.00	4.14	62	6.84	50	84	33	4	0	0	0
	GRAND FORKS	88	57	92	53	73	3	0.00	-0.61	0.00	2.88	43	6.75	54	84	28	4	0	0	0
NE	JAMESTOWN	90	60	99	53	75	4	0.00	-0.59	0.00	2.67	41	5.22	43	87	34	3	0	0	0
	GRAND ISLAND	91	69	98	63	80	3	0.14	-0.59	0.14	4.66	60	18.04	102	90	51	5	0	1	0
	LINCOLN	92	69	98	60	80	3	0.70	-0.01	0.70	6.16	79	17.22	95	89	46	5	0	1	1
NH	NORFOLK	91	67	99	62	79	4	0.58	-0.13	0.31	6.43	84	16.79	97	88	46	3	0	3	0
	NORTH PLATTE	92	67	102	61	80	5	0.01	-0.69	0.01	4.19	64	15.67	112	89	44	5	0	1	0
	OMAHA	92	71	99	65	82	5	2.06	1.19	1.61	8.00	100	19.30	100	91	49	5	0	2	1
NJ	SCOTTSBLUFF	95	64	103	60	79	5	0.00	-0.38	0.00	2.11	45	7.10	64	82	29	5	0	0	0
	VALENTINE	95	68	105	62	82	6	0.00	-0.67	0.00	3.96	58	13.14	94	85	33	6	0	0	0
	CONCORD	79	57	85	52	68	-2	2.29	1.43	1.78	13.70	185	25.10	109	96	48	0	0	4	1
NM	ATLANTIC_CITY	86	64	95	58	75	-1	0.26	-0.61	0.26	10.18	149	28.88	120	96	50	2	0	1	0
	NEWARK	87	68	94	61	78	0	1.04	-0.14	0.57	12.20	138	29.16	105	85	41	2	0	4	1
	ALBUQUERQUE	89	67	92	63	78	1	0.60	0.20	0.58	1.97	89	3.52	73	72	26	4	0	2	1
NV	ELY	85	56	92	53	70	2	0.12	-0.07	0.11	1.35	100	4.49	76	81	27	2	0	2	0
	LAS VEGAS	98	79	106	69	89	-4	0.30	0.18	0.16	0.43	84	1.14	43	60	24	7	0	5	0
	RENO	94	68	99	61	81	5	0.00	-0.06	0.00	0.15	21	1.74	38	47	15	6	0	0	0
NY	WINNEMUCCA	96	64	105	55	80	6	0.21	0.14	0.18	0.67	76	4.83	91	53	15	6	0	2	0
	ALBANY	77	56	84	49	66	-6	1.24	0.30	0.81	11.39	144	23.77	105	100	55	0	0	4	1
	BINGHAMTON	75	57	82	50	66	-3	1.35	0.54	1.07	11.89	148	28.35	125	96	51	0	0	3	1
OH	BUFFALO	78	62	85	48	70	-1	0.36	-0.43	0.35	9.15	133	16.67	76	91	52	0	0	2	0
	ROCHESTER	78	58	87	50	68	-3	0.14	-0.65	0.08	8.35	126	17.34	91	96	52	0	0	3	0
	SY																			

## Weather Data for the Week Ending July 31, 2021

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
OK	TOLEDO	87	66	91	60	77	4	0.06	-0.70	0.06	9.71	143	21.66	108	87	41	3	0	1	0
	YOUNGSTOWN	84	59	87	51	72	1	0.01	-0.91	0.01	10.95	133	22.61	98	94	48	0	0	1	0
	OKLAHOMA CITY	96	72	97	71	84	0	0.02	-0.60	0.02	9.44	120	20.09	92	88	41	7	0	1	0
	TULSA	99	76	101	73	87	3	0.05	-0.61	0.05	11.79	146	27.00	110	89	43	7	0	1	0
OR	ASTORIA	71	55	75	48	63	2	0.03	-0.14	0.03	2.12	59	37.74	102	96	63	0	0	1	0
	BURNS	94	58	100	49	76	8	0.27	0.17	0.17	0.54	44	5.63	83	63	17	5	0	3	0
	EUGENE	93	60	99	58	77	8	0.00	-0.09	0.00	1.60	77	14.40	56	79	25	7	0	0	0
	MEDFORD	97	69	104	66	83	7	0.04	-0.04	0.02	0.91	93	6.36	64	68	22	6	0	2	0
PA	PENDLETON	96	66	107	61	81	6	0.02	-0.05	0.01	0.32	23	4.24	54	53	18	5	0	2	0
	PORTLAND	91	65	97	60	78	7	0.00	-0.11	0.00	1.22	51	14.58	73	72	30	4	0	0	0
	SALEM	93	64	100	60	78	9	0.02	-0.06	0.02	1.72	84	19.03	88	70	25	6	0	1	0
	ALLENTOWN	84	61	91	50	73	-1	1.09	-0.02	1.02	6.76	72	20.83	80	91	44	2	0	2	1
	ERIE	80	65	87	56	73	1	1.44	0.60	1.42	9.27	127	21.06	94	85	51	0	0	2	1
	MIDDLETOWN	86	69	90	60	78	2	0.01	-0.98	0.01	9.70	118	23.65	100	81	41	2	0	1	0
	PHILADELPHIA	87	69	94	63	78	-1	0.20	-0.81	0.16	9.32	119	25.67	105	86	44	2	0	2	0
	PITTSBURGH	84	62	88	58	73	0	0.35	-0.46	0.35	6.99	86	20.02	86	88	46	0	0	1	0
	WILKES-BARRE	82	60	89	50	71	-1	0.79	-0.12	0.49	7.62	97	21.05	97	92	50	0	0	2	0
	WILLIAMSPORT	84	61	90	52	73	0	0.86	-0.17	0.76	10.11	122	23.09	99	91	43	3	0	2	1
	PROVIDENCE	82	64	90	55	73	-1	0.26	-0.59	0.10	9.75	140	26.63	98	94	49	2	0	4	0
	CHARLESTON	90	74	95	69	82	0	2.46	1.02	1.34	14.82	121	30.89	108	97	65	3	0	4	2
SD	COLUMBIA	94	74	96	70	84	2	0.01	-1.36	0.01	9.78	96	28.19	105	90	50	7	0	1	0
	FLORENCE	93	73	96	67	83	2	1.04	-0.22	0.77	11.26	113	27.92	110	91	49	7	0	3	1
	GREENVILLE	92	71	95	69	81	1	3.69	2.54	3.68	9.60	115	29.98	108	90	46	7	0	2	1
	ABERDEEN	90	64	101	56	77	5	0.13	-0.45	0.05	2.15	32	7.56	54	89	41	4	0	4	0
TN	HURON	89	64	106	56	76	3	0.31	-0.41	0.31	3.68	53	8.21	55	93	44	4	0	1	0
	RAPID CITY	94	61	107	56	78	4	0.28	-0.20	0.28	5.00	114	9.37	84	78	22	4	0	1	0
	SIOUX FALLS	90	66	101	59	78	5	1.64	0.97	1.64	5.61	80	13.40	82	84	46	4	0	1	1
	BRISTOL	91	67	93	63	79	4	1.13	0.07	0.99	7.65	89	26.42	102	93	43	6	0	3	1
TX	CHATTANOOGA	93	74	96	71	84	4	0.06	-1.00	0.06	9.44	105	34.19	107	92	48	7	0	1	0
	KNOXVILLE	93	72	97	67	82	4	0.08	-0.97	0.04	4.40	49	25.09	82	94	43	7	0	2	0
	MEMPHIS	95	78	96	77	87	4	0.49	-0.54	0.49	10.18	123	36.63	112	89	53	7	0	1	0
	NASHVILLE	95	75	97	73	85	5	4.68	3.93	3.11	10.87	140	37.19	127	88	45	7	0	3	2
UT	ABILENE	99	75	101	73	87	3	0.00	-0.41	0.00	3.51	64	15.78	109	70	30	7	0	0	0
	AMARILLO	95	67	98	63	81	3	0.52	-0.17	0.35	3.73	62	12.22	98	82	29	7	0	2	0
	AUSTIN	98	76	100	74	87	1	0.00	-0.39	0.00	6.50	104	21.38	108	85	37	7	0	0	0
	BEAUMONT	94	74	97	72	84	1	1.41	0.19	0.71	15.81	121	40.26	119	100	59	7	0	3	2
	BROWNSVILLE	94	77	97	74	85	0	0.07	-0.32	0.07	10.49	228	17.23	139	90	52	7	0	1	0
	CORPUS CHRISTI	94	74	97	71	84	0	0.00	-0.41	0.00	13.18	215	28.54	174	100	53	7	0	0	0
	DEL RIO	101	79	104	77	90	4	0.00	-0.38	0.00	4.18	101	10.13	91	74	29	7	0	0	0
	EL PASO	93	72	97	69	82	0	0.22	-0.22	0.14	7.11	285	8.25	184	65	26	7	0	4	0
	FORT WORTH	100	79	102	77	89	3	0.20	-0.18	0.20	3.17	52	20.81	93	77	34	7	0	1	0
	GALVESTON	92	81	93	78	86	1	0.61	0.00	0.52	13.37	0	24.88	0	82	57	7	0	2	1
	HOUSTON	97	76	99	72	87	2	0.00	-0.69	0.00	12.37	127	31.56	112	88	42	7	0	0	0
	LUBBOCK	95	70	97	66	82	2	0.05	-0.33	0.05	5.26	106	14.72	131	76	28	7	0	1	0
VA	MIDLAND	93	69	98	65	81	-1	0.68	0.29	0.54	7.19	199	12.59	159	85	32	5	0	2	1
	SAN ANGELO	99	69	102	67	84	1	0.05	-0.21	0.05	8.51	224	13.72	115	82	27	7	0	1	0
	SAN ANTONIO	94	75	96	73	85	-1	0.00	-0.41	0.00	6.50	94	21.14	112	90	45	7	0	0	0
	VICTORIA	96	75	97	74	86	1	0.26	-0.52	0.26	16.97	196	43.92	183	94	49	7	0	1	0
	WACO	98	75	98	72	87	1	0.00	-0.40	0.00	7.15	137	20.36	101	89	41	7	0	0	0
	WICHITA FALLS	99	73	100	71	86	1	0.00	-0.35	0.00	4.98	86	16.84	97	89	37	7	0	0	0
	SALT LAKE CITY	95	72	101	67	83	3	0.12	-0.03	0.11	0.60	37	6.98	70	61	22	6	0	2	0
	LYNCHBURG	93	69	96	65	81	6	0.38	-0.65	0.24	7.65	96	23.22	94	90	41	6	0	3	0
	NORFOLK	91	73	94	71	82	2	0.17	-1.16	0.10	6.48	68	23.28	88	90	54	6	0	2	0
	RICHMOND	89	71	91	69	80	1	0.74	-0.33	0.73	10.62	125	26.69	105	95	59	4	0	2	1
	ROANOKE	93	69	95	66	81	4	0.77	-0.15	0.50	7.33	93	22.50	91	87	39	6	0	3	1
	WASH/DULLES	91	67	95	64	79	2	0.03	-0.81	0.03	6.06	79	19.48	80	92	39	6	0	1	0
VT	BURLINGTON	78	60	86	54	69	-2	0.79	-0.17	0.33	6.48	82	16.05	79	90	45	0	0	4	0
	OLYMPIA	86	55	93	50	71	6	0.00	-0.11	0.00	3.24	133	28.08	105	94	34	2	0	0	0
	QUILLAYUTE	73	53	79	45	63	3	0.00	-0.39	0.00	2.61	47	42.88	79	99	58	0	0	0	0
	SEATTLE-TACOMA	85	61	92	59	73	6	0.00	-0.12	0.00	1.90	83	19.70	100	78	31	2	0	0	0
WI	SPOKANE	94	67	102	64	80	8	0.00	-0.11	0.00	0.55	28	4.76	49	44	18	6	0	0	0
	YAKIMA	97	67	104	60	82	10	0.00	-0.05	0.00	0.18	20	2.71	58	56	18	6	0	0	0
	EAU CLAIRE	86	62	91	59	74	3	0.03	-0.88	0.03	7.49	93	13.92	78	90	47	3	0	1	0
	GREEN BAY	83	60	90	54	72	3	0.75	0.00	0.66	9.05	123	15.49	91	90	52	1	0	3	1
WV	LA CROSSE	87	66	94	62	76	3	2.38	1.41	1.35	10.51	121	19.70	100	90	51	2	0	4	2
	MADISON	85	62	92	54	73	2	0.54	-0.35	0.50	6.15	70	13.12	64	93	45	1	0	2	1
	MILWAUKEE	87	68	95	61	78	6	0.11	-0.69	0.11	2.59	34	9.91	49	79	40	3	0	1	0
	BECKLEY	84	62	85	59	73	3	0.18	-1.00	0.14	7.74	85	25.10	96	98	53	0	0	2	0
WY	CHARLESTON	90	65	93	62	77	2	0.02	-1.10											



## National Agricultural Summary

July 26 – August 1, 2021

*Weekly National Agricultural Summary provided by USDA/NASS*

### HIGHLIGHTS

**More than twice the normal amount of weekly precipitation was recorded in large parts of the Mississippi Valley, New England, central Rockies, Southwest, and Wisconsin. Some areas along the Atlantic Coast also recorded twice the normal amount of rain. In contrast, much of the Great Plains, northern Rockies, and Washington remained drier**

**than normal. Apart from the Northeast and Southwest, most of the country was warmer than normal for the week. Much of Idaho, Montana, Oregon, and Washington recorded weekly temperatures 6°F or more above normal. Meanwhile, parts of the Northeast and Southwest recorded temperatures 4°F or more below normal.**

**Corn:** By August 1, ninety-one percent of the nation's corn acreage had reached the silking stage, equal to last year but 5 percentage points ahead of the 5-year average. By August 1, thirty-eight percent of the corn was at or beyond the dough stage, 1 percentage point ahead of last year and 5 points ahead of average. On August 1, sixty-two percent of the corn acreage was rated in good to excellent condition, 2 percentage points below the previous week and 10 points below the same time last year. In Iowa, 62 percent of the corn was rated in good to excellent condition.

**Soybean:** By August 1, eighty-six percent of the nation's soybean acreage had reached the blooming stage, 2 percentage points ahead of last year and 4 points ahead of the 5-year average. Nationally, 58 percent of the soybeans had begun setting pods, 1 percentage point ahead of last year and 6 points ahead of average. On August 1, sixty percent of the nation's soybeans were rated in good to excellent condition, 2 percentage points above the previous week but 13 points below the previous year.

**Winter Wheat:** Ninety-one percent of the 2021 winter wheat acreage had been harvested by August 1, seven percentage points ahead of last year and 5 points ahead of the 5-year average. Winter wheat harvest progress advanced 10 percentage points or more from the previous week in Idaho, Michigan, Montana, Oregon, South Dakota, and Washington.

**Cotton:** Eighty-two percent of the nation's cotton acreage had reached the squaring stage by August 1, eight percentage points behind both last year and the 5-year average. By August 1, fifty percent of the cotton had begun setting bolls, 2 percentage points behind last year and 3 points behind average. On August 1, sixty percent of the 2021 cotton acreage was rated in good to excellent condition, 1 percentage point below the previous week but 15 points above the same time last year.

**Sorghum:** By August 1, fifty-seven percent of the nation's sorghum had reached the headed stage, 4 percentage points ahead of last year and 3 points ahead of the 5-year average. Twenty-two percent of the sorghum was at or beyond the coloring stage by August 1, one percentage point behind last

year and 3 points behind average. Sixty-two percent of the sorghum acreage was rated in good to excellent condition on August 1, four percentage points below the previous week but 7 points above the same time last year.

**Rice:** By August 1, fifty-nine percent of the nation's rice acreage had reached the headed stage, 2 percentage points ahead of the previous year but 6 points behind the 5-year average. On August 1, seventy-two percent of the rice was rated in good to excellent condition, 1 percentage point below the previous week and 4 points below the same time last year.

**Small Grains:** Forty-eight percent of the nation's oat acreage had been harvested by August 1, one percentage point ahead of last year and 6 points ahead of the 5-year average. Oat harvest progress advanced 20 percentage points or more during the week in Iowa, Minnesota, Nebraska, Ohio, Pennsylvania, and South Dakota. On August 1, thirty-six percent of the oats were rated in good to excellent condition, unchanged from the previous week but 26 percentage points below the same time last year.

By August 1, barley producers had harvested 13 percent of the nation's barley, 9 percentage points ahead of last year and 5 points ahead of the 5-year average. On August 1, twenty-one percent of the barley was rated in good to excellent condition, 1 percentage point below the previous week and 60 points below the same time last year.

By August 1, seventeen percent of the nation's spring wheat had been harvested, 13 percentage points ahead of the previous year and 9 points ahead of the 5-year average. On August 1, ten percent of the spring wheat was rated in good to excellent condition, 1 percentage point above the previous week but 63 points below the same time last year.

**Other Crops:** By August 1, eighty-eight percent of the nation's peanuts had reached the pegging stage, 1 percentage point behind both the previous year and the 5-year average. On August 1, seventy-three percent of the peanut acreage was rated in good to excellent condition, 2 percentage points below the previous week but unchanged from the same time last year.

## Crop Progress and Condition

### Week Ending August 1, 2021

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

Corn Percent Silking				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
CO	82	54	86	75
IL	95	91	96	92
IN	92	82	93	83
IA	94	80	92	91
KS	88	76	88	88
KY	88	83	91	89
MI	82	78	91	69
MN	96	90	96	88
MO	94	79	89	95
NE	93	84	97	91
NC	100	96	98	98
ND	77	52	69	73
OH	82	72	88	76
PA	61	36	57	73
SD	88	68	83	80
TN	93	90	95	96
TX	95	88	93	94
WI	81	69	86	71
18 Sts	91	79	91	86
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Dough				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
CO	15	3	15	8
IL	40	20	49	44
IN	34	19	31	31
IA	41	21	42	32
KS	51	24	46	42
KY	41	24	37	44
MI	12	2	19	9
MN	34	11	28	25
MO	52	37	54	56
NE	41	14	41	32
NC	76	64	81	83
ND	6	0	8	8
OH	16	11	28	19
PA	11	2	5	12
SD	29	11	23	23
TN	57	51	64	73
TX	75	67	73	71
WI	17	5	23	11
18 Sts	37	18	38	33
These 18 States planted 92% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	1	9	25	50	15
IL	2	4	26	42	26
IN	1	4	19	60	16
IA	2	7	29	52	10
KS	2	8	25	54	11
KY	0	2	16	72	10
MI	1	2	18	56	23
MN	7	16	41	31	5
MO	1	7	28	54	10
NE	3	6	20	51	20
NC	0	4	22	58	16
ND	13	31	38	18	0
OH	0	3	17	59	21
PA	0	1	12	67	20
SD	7	20	41	31	1
TN	0	3	13	62	22
TX	2	6	29	44	19
WI	2	3	20	48	27
18 Sts	3	8	27	47	15
Prev Wk	3	7	26	49	15
Prev Yr	2	5	21	55	17

Soybeans Percent Blooming				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
AR	92	87	92	93
IL	76	77	87	82
IN	86	74	85	77
IA	90	85	93	86
KS	77	60	71	72
KY	65	64	74	63
LA	99	95	98	98
MI	89	81	92	76
MN	95	92	96	90
MS	93	81	88	92
MO	71	52	65	68
NE	94	85	95	87
NC	59	54	62	63
ND	80	77	88	86
OH	86	75	85	77
SD	81	72	84	81
TN	71	65	76	80
WI	88	78	88	80
18 Sts	84	76	86	82
These 18 States planted 96% of last year's soybean acreage.				

Soybeans Percent Setting Pods				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
AR	72	67	75	79
IL	50	38	59	52
IN	52	36	52	48
IA	67	54	73	57
KS	53	24	39	38
KY	43	41	53	39
LA	91	82	84	92
MI	61	49	71	43
MN	71	52	69	60
MS	76	59	72	79
MO	36	19	31	34
NE	62	52	66	53
NC	39	28	35	38
ND	51	37	58	55
OH	49	36	53	44
SD	62	29	47	52
TN	44	35	50	53
WI	61	47	61	50
18 Sts	57	42	58	52
These 18 States planted 96% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	2	6	28	44	20
IL	2	5	26	43	24
IN	2	4	22	58	14
IA	2	7	30	51	10
KS	4	6	31	53	6
KY	0	3	14	73	10
LA	0	2	15	73	10
MI	1	3	24	56	16
MN	7	16	43	31	3
MS	0	3	15	68	14
MO	2	6	33	53	6
NE	1	3	16	59	21
NC	1	3	28	60	8
ND	15	30	38	16	1
OH	1	4	21	59	15
SD	6	24	40	29	1
TN	1	3	17	60	19
WI	1	5	22	54	18
18 Sts	3	9	28	48	12
Prev Wk	3	9	30	47	11
Prev Yr	1	5	21	58	15

## Crop Progress and Condition

### Week Ending August 1, 2021

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

Cotton Percent Squaring				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
AL	94	88	94	92
AZ	100	100	100	98
AR	100	94	98	100
CA	85	95	99	86
GA	96	91	94	95
KS	85	81	84	76
LA	100	97	100	100
MS	91	80	91	93
MO	67	99	100	88
NC	94	81	88	95
OK	83	59	72	85
SC	79	86	94	88
TN	89	79	87	95
TX	89	73	76	88
VA	88	82	92	93
15 Sts	90	78	82	90
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Setting Bolls				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
AL	71	42	66	72
AZ	94	84	92	82
AR	94	81	90	95
CA	62	50	65	58
GA	74	48	62	74
KS	27	11	43	23
LA	89	70	82	89
MS	68	49	64	74
MO	27	52	74	49
NC	62	41	57	69
OK	34	18	23	34
SC	45	57	66	56
TN	63	33	51	68
TX	43	30	41	42
VA	56	32	61	55
15 Sts	52	37	50	53
These 15 States planted 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	4	18	68	10
AZ	1	5	14	49	31
AR	1	1	17	36	45
CA	0	5	30	65	0
GA	1	7	26	56	10
KS	0	5	34	56	5
LA	0	1	3	91	5
MS	2	3	14	67	14
MO	0	9	43	48	0
NC	1	7	28	59	5
OK	0	16	43	40	1
SC	0	0	20	74	6
TN	5	8	19	58	10
TX	1	8	37	43	11
VA	0	1	7	91	1
15 Sts	1	7	32	49	11
Prev Wk	1	7	31	50	11
Prev Yr	3	13	39	36	9

Sorghum Percent Headed				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
CO	25	14	48	36
KS	41	23	43	38
NE	61	20	49	49
OK	44	28	32	43
SD	49	33	57	47
TX	84	86	87	83
6 Sts	53	42	57	54
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Coloring				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
CO	0	0	1	2
KS	3	1	3	3
NE	1	0	4	2
OK	14	9	10	18
SD	0	1	2	4
TX	69	64	65	67
6 Sts	23	20	22	25
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
CO	0	2	17	71	10
KS	2	5	27	60	6
NE	3	8	25	50	14
OK	2	6	29	56	7
SD	11	29	48	12	0
TX	3	9	28	49	11
6 Sts	3	7	28	54	8
Prev Wk	2	6	26	55	11
Prev Yr	2	8	35	42	13

Peanuts Percent Pegging				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
AL	95	77	87	89
FL	93	92	94	92
GA	97	91	95	96
NC	85	85	91	91
OK	60	45	56	64
SC	89	85	92	88
TX	65	40	60	62
VA	79	75	84	80
8 Sts	89	81	88	89
These 8 States planted 96% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	4	19	63	14
FL	2	2	23	71	2
GA	1	2	23	60	14
NC	0	3	20	64	13
OK	0	0	23	77	0
SC	0	0	3	91	6
TX	0	9	38	51	2
VA	0	0	6	93	1
8 Sts	1	3	23	63	10
Prev Wk	1	3	21	65	10
Prev Yr	1	5	21	61	12



## Crop Progress and Condition

### Week Ending August 1, 2021

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

Winter Wheat Percent Harvested				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
AR	100	100	100	100
CA	98	99	100	97
CO	99	92	98	95
ID	20	29	47	24
IL	99	99	99	99
IN	100	96	100	100
KS	100	98	100	100
MI	89	83	93	85
MO	100	99	100	100
MT	19	26	52	39
NE	96	88	95	90
NC	100	100	100	100
OH	100	94	98	99
OK	100	100	100	100
OR	58	59	83	57
SD	84	71	91	76
TX	100	100	100	100
WA	31	50	74	35
18 Sts	84	84	91	86
These 18 States harvested 91% of last year's winter wheat acreage.				

Oats Percent Harvested				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
IA	81	48	72	72
MN	37	25	46	25
NE	91	68	89	83
ND	3	2	8	12
OH	85	55	79	76
PA	27	4	25	29
SD	60	43	71	54
TX	100	100	100	100
WI	30	15	28	26
9 Sts	47	31	48	42
These 9 States harvested 76% of last year's oat acreage.				

Barley Percent Harvested				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
ID	9	3	13	8
MN	14	7	31	14
MT	1	1	13	7
ND	3	0	6	8
WA	12	15	38	8
5 Sts	4	2	13	8
These 5 States harvested 81% of last year's barley acreage.				

Spring Wheat Percent Harvested				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
ID	6	2	9	5
MN	6	3	32	7
MT	1	1	19	4
ND	2	0	6	4
SD	31	21	53	37
WA	9	12	40	10
6 Sts	4	3	17	8
These 6 States harvested 100% of last year's spring wheat acreage.				

Oat Condition by Percent					
	VP	P	F	G	EX
IA	1	4	31	54	10
MN	14	21	41	24	0
NE	3	6	34	48	9
ND	24	31	33	12	0
OH	0	1	26	66	7
PA	0	2	32	51	15
SD	17	38	30	15	0
TX	10	30	40	17	3
WI	1	3	20	56	20
9 Sts	11	21	32	30	6
Prev Wk	10	21	33	30	6
Prev Yr	2	8	28	53	9

Barley Condition by Percent					
	VP	P	F	G	EX
ID	5	15	23	44	13
MN	11	29	45	15	0
MT	33	46	13	7	1
ND	21	30	38	10	1
WA	36	32	30	2	0
5 Sts	22	33	24	17	4
Prev Wk	19	32	27	18	4
Prev Yr	1	2	16	62	19

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	8	26	37	20	9
MN	13	32	43	12	0
MT	42	43	12	3	0
ND	27	31	30	11	1
SD	34	39	20	7	0
WA	57	33	10	0	0
6 Sts	30	34	26	9	1
Prev Wk	32	34	25	8	1
Prev Yr	1	4	22	62	11

## Crop Progress and Condition

### Week Ending August 1, 2021

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

Rice Percent Headed				
	Prev Year	Prev Week	Aug 1 2021	5-Yr Avg
AR	47	26	49	64
CA	42	45	55	35
LA	91	80	87	91
MS	79	65	74	76
MO	32	40	46	49
TX	95	81	85	94
6 Sts	57	44	59	65
These 6 States planted 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	2	5	27	44	22
CA	0	0	10	80	10
LA	0	2	24	71	3
MS	0	0	8	79	13
MO	0	2	32	49	17
TX	1	1	42	44	12
6 Sts	1	3	24	57	15
Prev Wk	1	3	23	57	16
Prev Yr	0	2	22	57	19

Pasture and Range Condition by Percent Week Ending Aug 1, 2021												
	VP	P	F	G	EX			VP	P	F	G	EX
AL	0	1	7	83	9		NH	0	0	14	80	6
AZ	60	13	14	3	10		NJ	0	4	21	71	4
AR	2	10	33	47	8		NM	16	17	37	20	10
CA	30	25	25	20	0		NY	0	9	15	53	23
CO	2	10	32	34	22		NC	6	28	36	28	2
CT	0	0	70	20	10		ND	47	32	18	3	0
DE	2	29	35	26	8		OH	0	5	20	68	7
FL	1	2	11	51	35		OK	1	5	28	50	16
GA	1	6	25	55	13		OR	59	22	16	3	0
ID	21	37	30	12	0		PA	1	3	14	69	13
IL	4	8	29	42	17		RI	0	0	0	50	50
IN	2	5	34	48	11		SC	0	1	24	71	4
IA	6	18	36	35	5		SD	37	47	14	2	0
KS	3	13	32	48	4		TN	2	9	26	54	9
KY	1	3	22	68	6		TX	8	11	28	35	18
LA	0	9	31	60	0		UT	27	37	27	9	0
ME	0	0	64	21	15		VT	0	0	20	75	5
MD	0	9	35	47	9		VA	17	28	30	25	0
MA	0	0	10	55	35		WA	82	14	3	1	0
MI	2	6	34	50	8		WV	12	15	45	28	0
MN	37	40	17	4	2		WI	5	12	21	43	19
MS	2	8	33	48	9		WY	24	35	30	10	1
MO	0	4	26	65	5		48 Sts	23	19	26	24	8
MT	63	33	3	1	0							
NE	8	12	61	18	1		Prev Wk	23	19	24	25	9
NV	35	30	35	0	0		Prev Yr	10	20	34	32	4

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

NA - Not Available  
\* Revised

Crop Progress and Condition

Week Ending August 1, 2021

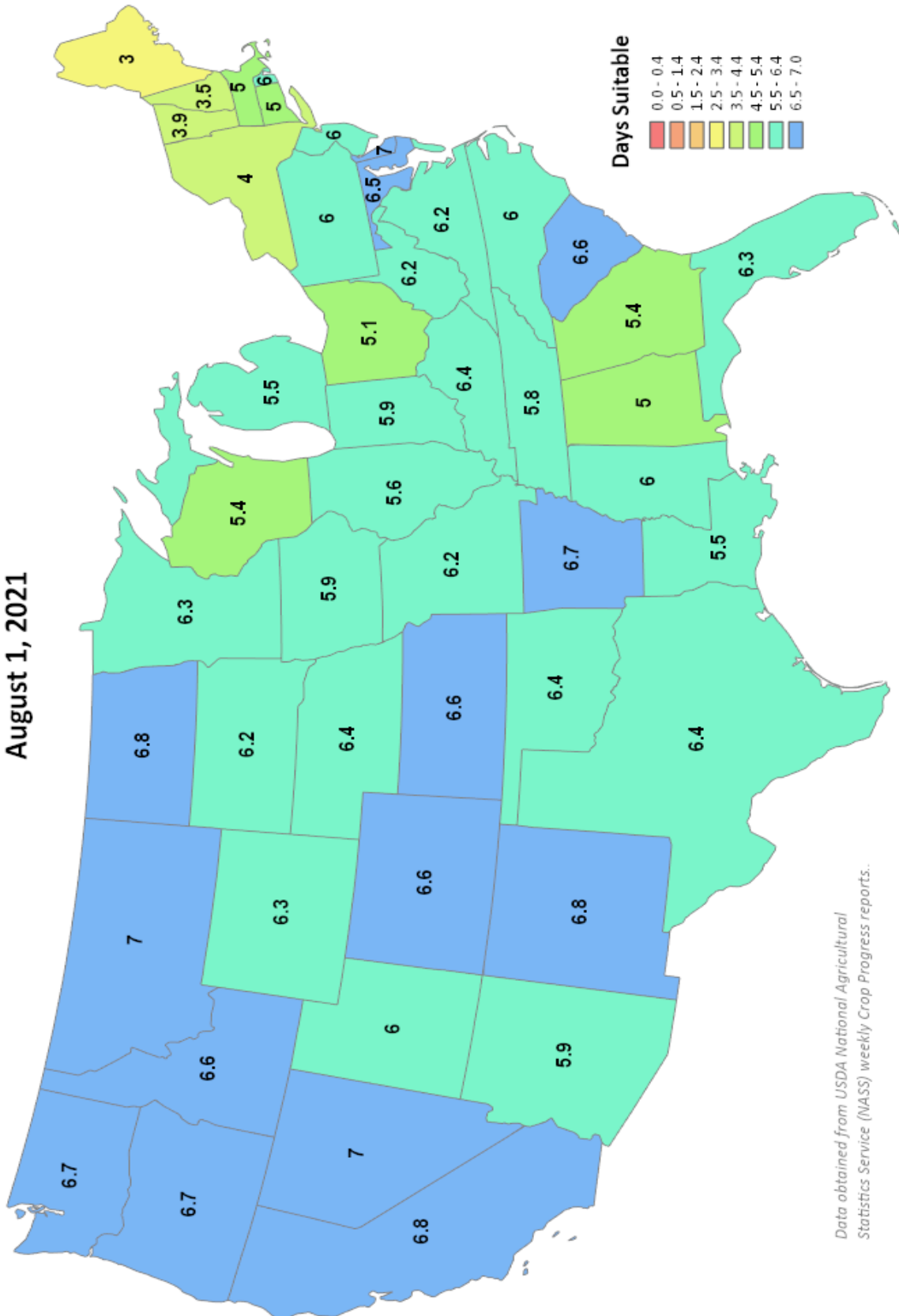
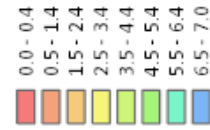
Weekly U.S. Progress and Condition Data provided by USDA/NASS

Days Suitable for Fieldwork

Week Ending

August 1, 2021

Days Suitable

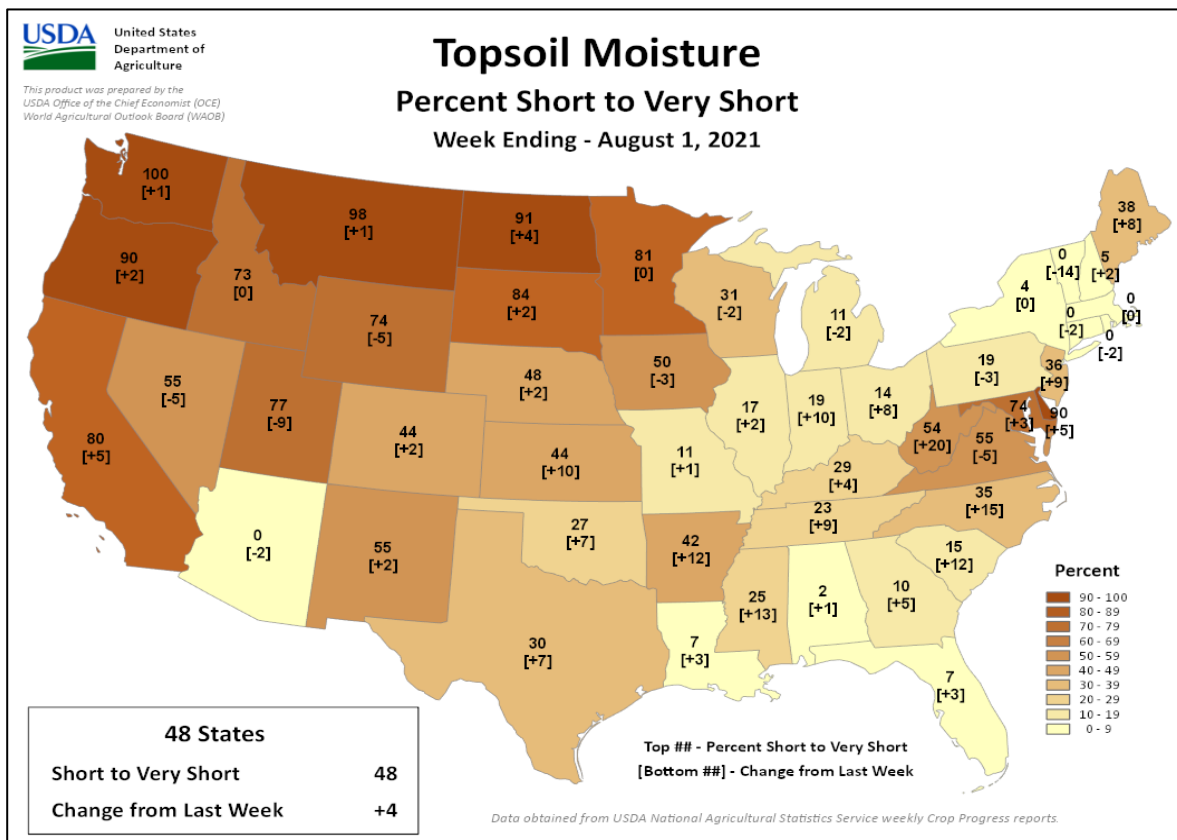
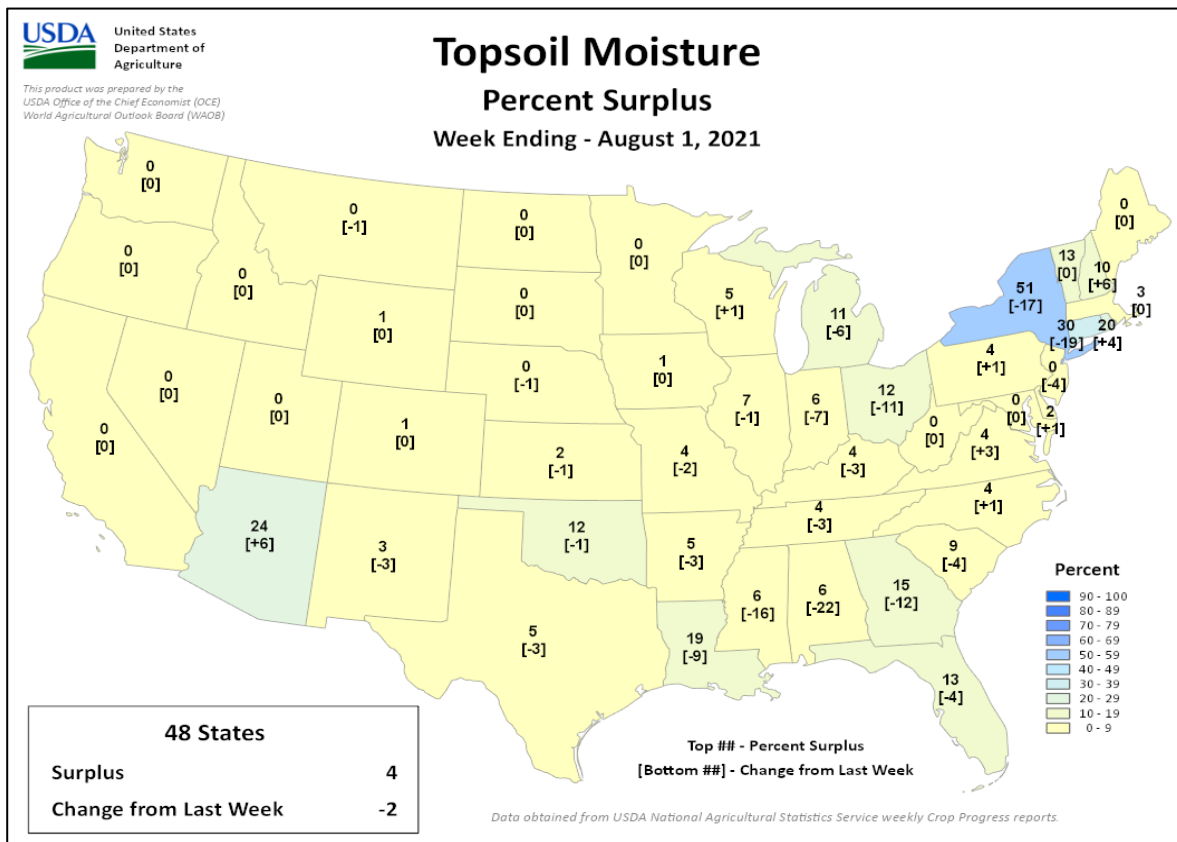


Data obtained from USDA National Agricultural Statistics Service (NASS) weekly Crop Progress reports.

## Crop Progress and Condition

### Week Ending August 1, 2021

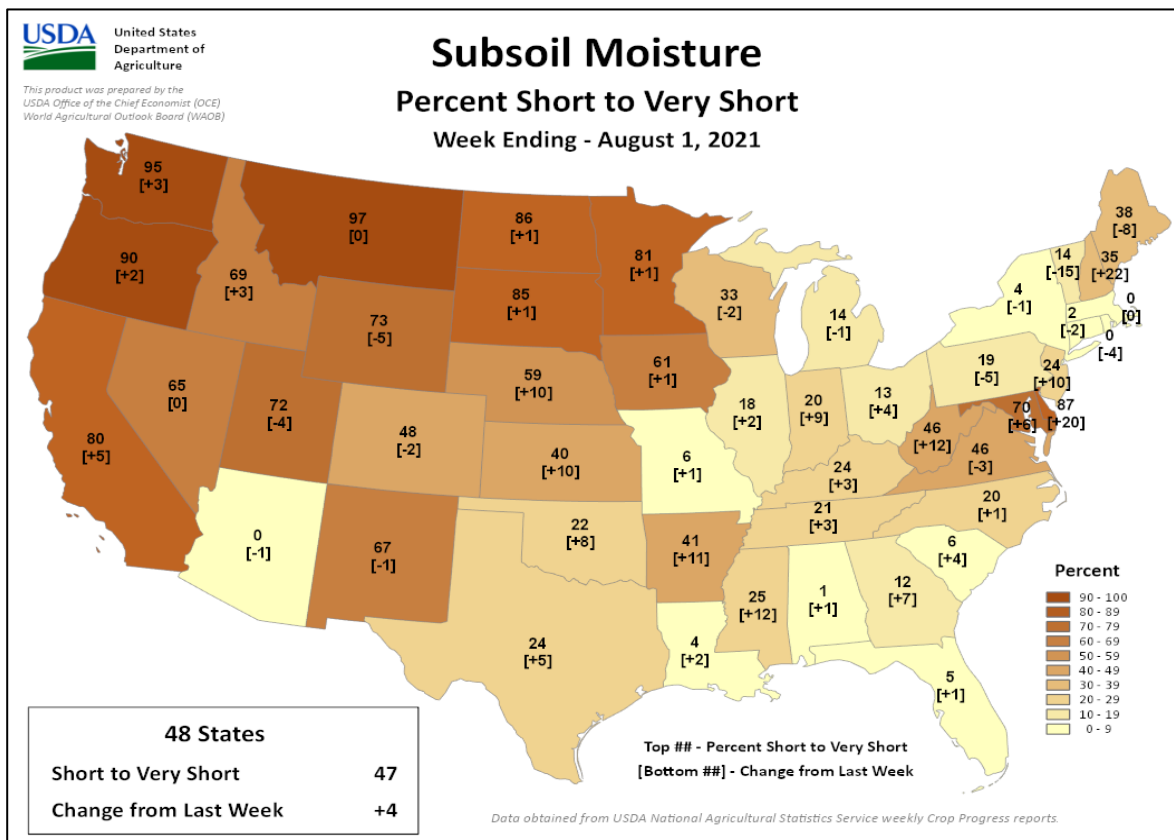
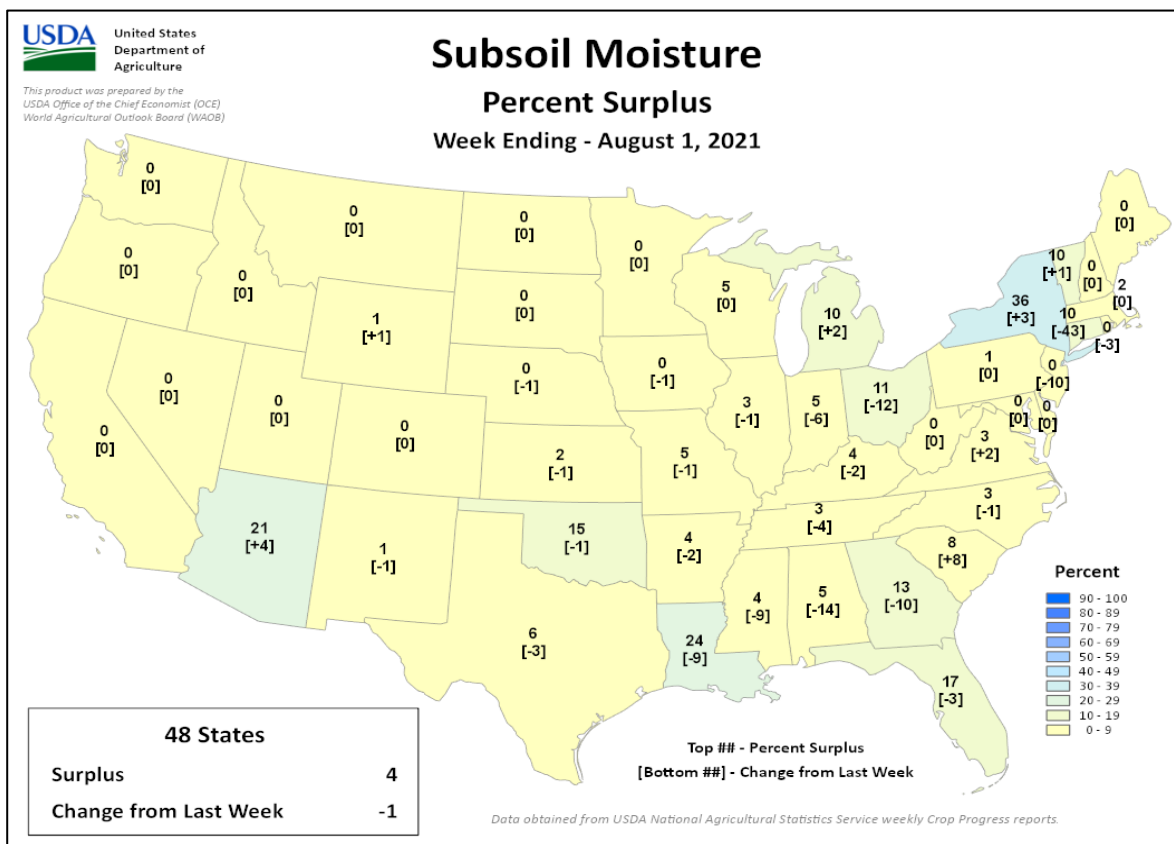
Weekly U.S. Progress and Condition Data provided by USDA/NASS



## Crop Progress and Condition

### Week Ending August 1, 2021

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





## International Weather and Crop Summary

**July 25-31, 2021**

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

**EUROPE:** Showers benefited reproductive to filling spring grains and summer crops over much of central and northern Europe, while heat and short-term dryness were untimely for filling summer crops in the lower Balkans.

**WESTERN FSU:** Showers eased dryness concerns in northern Ukraine, while sunny skies but somewhat cooler weather favored summer crop development in central and southern portions of the region.

**EASTERN FSU:** Additional showers further eased drought in western and central spring grain areas, while dry weather favored cotton development in the south.

**MIDDLE EAST:** Sunny skies promoted the development of filling to maturing summer crops in Turkey.

**SOUTH ASIA:** Wet weather across central India improved soil moisture for kharif crops, but more rain is needed to eradicate lingering seasonal dryness in some areas.

**EAST ASIA:** Typhoon In-Fa brought much-needed moisture to eastern-most crop areas of China, while dryness in the south remained a concern for rice and other crops.

**SOUTHEAST ASIA:** Favorable moisture supplies continued for rice in Thailand and environs, while dryness was developing across parts of the Philippines.

**AUSTRALIA:** Widespread showers helped maintain good to excellent winter crop prospects.

**ARGENTINA:** Cold weather slowed winter grain growth.

**BRAZIL:** Another wave of cold, frosty weather raised concern for coffee and other southern crops.

**MEXICO:** Widespread showers benefited rain-fed summer crops and helped to further replenish reservoirs.

**CANADIAN PRAIRIES:** Unseasonable warmth and dryness maintained stress on crops and pastures.

**SOUTHEASTERN CANADA:** Mild, showery weather benefited summer crops and forage production.

## July 2021

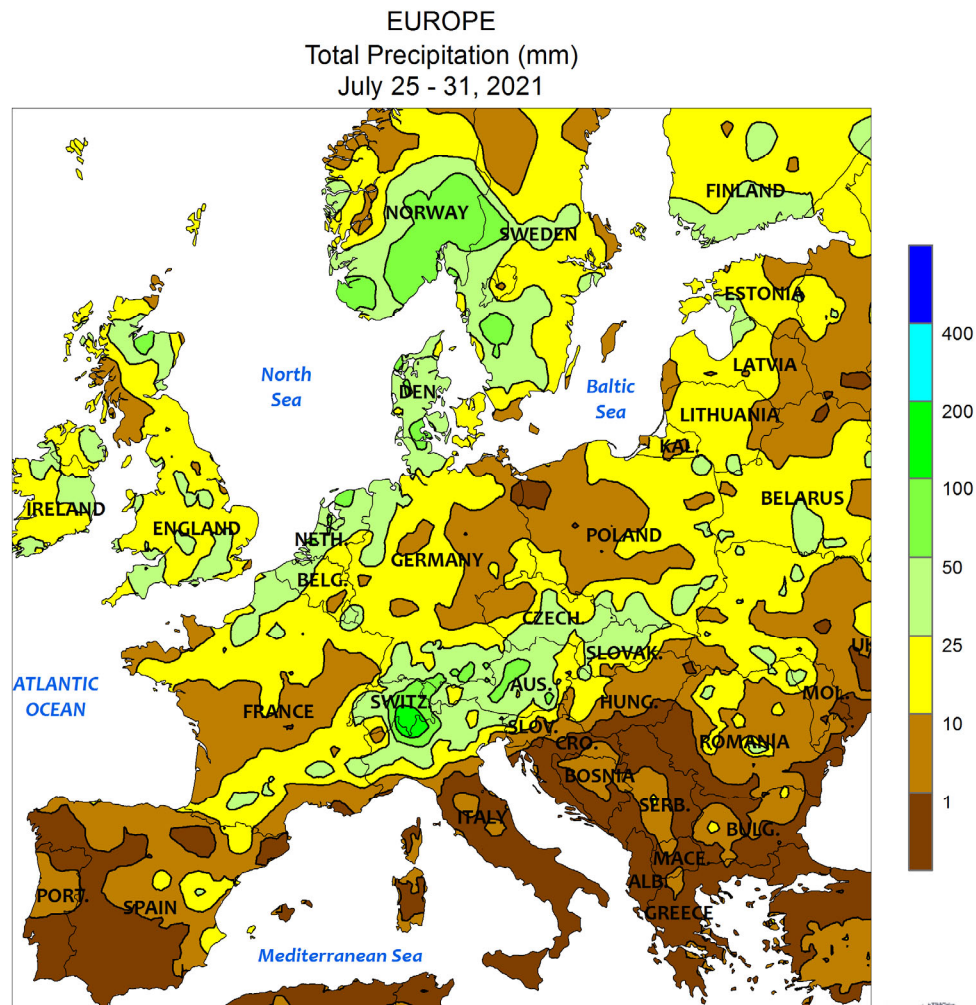
COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	33	21	38	16	27	2.1	1	-4
	BATNA	39	19	45	12	29	2.4	0	-6
ARGENT	IGUAZU	23	9	31	-1	16	-0.6	34	-62
	FORMOSA	25	9	33	-2	17	1	6	-39
	CERES	21	6	32	-3	13	1.1	4	-12
	CORDOBA	21	3	30	-5	12	2.3	2	-11
	RIO CUARTO	19	4	37	-2	11	2.3	4	-12
	ROSARIO	18	4	28	-6	11	0.9	49	24
	BUENOS AIRES	17	5	26	-2	11	1.3	27	-20
	SANTA ROSA	17	1	24	-4	9	1.5	0	-20
AUSTRA	TRES ARROYOS	15	4	20	-1	9	1.8	25	-15
	DARWIN	32	21	34	18	26	1.2	0	-1
	BRISBANE	20	11	27	5	16	0.7	23	-23
	PERTH	18	11	21	5	14	1.4	199	52
	CEDUNA	17	8	24	3	13	0.9	29	-10
	ADELAIDE	15	9	20	3	12	0.7	76	18
	MELBOURNE	14	7	17	0	10	0.7	44	5
	WAGGA	12	5	18	-1	9	0.7	64	5
AUSTRI	CANBERRA	11	2	15	-6	6	0.7	47	0
	VIENNA	29	16	37	12	22	1.6	120	41
BAHAMA	INNSBRUCK	25	14	32	10	20	1	187	54
	NASSAU	32	26	35	22	29	0.2	181	54
BARBAD	BRIDGETOWN	30	25	31	24	28	0.7	129	-1
BELARU	MINSK	29	15	34	9	22	3.5	42	-49
BERMUD	ST GEORGES	29	25	31	21	27	-0.3	135	17
BOLIVI	LA PAZ	16	-3	18	-11	6	1.4	0	-3
BRAZIL	FORTALEZA	30	25	32	23	28	0.7	32	*****
	RECIFE	26	21	27	20	24	-1.7	75	-171
	CAMPO GRANDE	27	15	32	4	21	-1.2	2	-32
	FRANCA	25	12	29	3	18	-1	0	-19
	RIO DE JANEI	24	15	31	12	20	-2	4	-32
	LONDRINA	***	***	30	5	***	*****	*****	*****
	SANTA MARIA	20	8	29	0	14	-1.1	35	-110
	SOFIA	30	16	36	10	23	2.3	39	-13
BURKIN	OUAGADOUGOU	32	25	37	22	29	1	178	-2
CANADA	LETHBRIDGE	30	12	37	8	21	2.3	10	*****
	REGINA	29	14	35	7	22	2.7	27	-41
	WINNIPEG	29	18	35	12	24	2	10	-51
	TORONTO	26	17	32	11	21	0.2	120	45
	MONTREAL	25	16	30	12	20	-0.9	60	-22
	PRINCE ALBER	27	12	36	8	19	1.5	4	-76
	CALGARY	26	13	36	9	20	3.7	62	-11
	VANCOUVER	24	15	28	13	19	1.7	0	-31
CANARY	LAS PALMAS	27	21	31	19	24	0.6	0	0
CHILE	SANTIAGO	19	0	27	-4	9	1.6	0	-58
CHINA	HARBIN	30	22	33	18	26	2.8	205	75
	HAMI	37	21	42	16	29	2.3	10	1
	BEIJING	31	23	34	17	27	0.5	290	129
	TIENTSIN	31	24	34	18	27	0.1	468	322
	LHASA	24	12	27	10	18	2	168	50
	KUNMING	26	18	28	16	22	1.6	193	-10
	CHENGCHOW	33	25	39	23	29	1.9	294	144
	YEHCHANG	31	23	36	21	27	1	264	34
	HANKOW	33	26	37	24	30	1.3	137	-85
	CHUNGKING	34	26	39	22	30	0.5	276	123
	CHIHKIANG	34	24	38	23	29	1.8	128	-27
	WU HU	32	25	38	22	29	-0.4	328	148
	SHANGHAI	33	26	38	23	30	1.2	348	199
	NANCHANG	34	27	38	24	31	1	240	101
	TAIPEI	34	28	38	25	31	0.7	201	-69
	CANTON	35	26	38	24	30	2.9	117	-121
COTE D	NANNING	34	26	37	23	30	2.1	276	36
	ABIDJAN	29	25	30	23	27	0.9	82	-51
CUBA	CAMAGUEY	32	24	37	21	28	0.3	549	*****
CYPRUS	LARNACA	35	24	39	21	30	2.1	1	0
CZECHR	PRAGUE	25	14	30	10	19	1.2	90	12
DENMAR	COPENHAGEN	24	16	30	12	20	2.4	55	0
EGYPT	CAIRO	37	26	39	23	31	2	0	*****
	ASWAN	***	***	45	26	***	*****	*****	*****
ESTONI	TALLINN	26	16	32	9	21	3.9	64	-23

Based on Preliminary Reports

## July 2021

COUNTRY	CITY	TEMPERATURE					PRECIP.		
		AVG	AVG	HI	LO	DEP	DEP	DEP	DEP
		MAX	MIN	MAX	MIN	AVG	NRM	TOT	NRM
				(C)				(MM)	
ETHIOP	ADDIS ABABA	19	12	22	10	15	-0.8	*****	*****
F GUIA	CAYENNE	31	23	33	22	27	1.2	388	142
FIJI	NAUSORI	28	22	31	18	25	2.2	110	-9
FINLAN	HELSINKI	26	14	32	9	20	2.7	32	-34
FRANCE	PARIS/ORLY	25	16	30	13	20	0.0	53	-1
	STRASBOURG	26	14	29	10	20	0.0	66	-5
	BOURGES	25	15	32	11	20	-0.5	76	10
	BORDEAUX	26	16	34	12	21	0.0	42	-7
	TOULOUSE	27	17	36	14	22	-0.3	64	26
	MARSEILLE	31	20	35	16	25	0.5	11	1
GABON	LIBREVILLE	28	23	29	21	26	1.0	1	-10
GERMAN	HAMBURG	24	15	29	11	20	1.5	69	-5
	BERLIN	26	17	31	14	21	1.6	60	1
	DUSSELDORF	24	15	27	10	19	-0.3	152	77
	LEIPZIG	25	15	30	11	20	0.9	108	42
	DRESDEN	25	16	29	13	20	1.4	129	43
	STUTTGART	24	14	29	10	19	-0.1	72	-13
	NURNBERG	24	14	28	10	19	0.0	84	4
	AUGSBURG	23	13	30	8	18	-0.2	128	32
GREECE	THESSALONIKA	34	22	39	19	28	1.0	3	-19
	LARISSA	35	20	42	17	28	0.3	47	28
	ATHENS	35	26	40	23	30	1.8	0	-10
GUADEL	RAIZET	31	25	32	22	28	0.7	103	7
HONGKO	HONG KONG IN	33	28	36	25	31	0.3	430	*****
HUNGAR	BUDAPEST	31	19	38	14	25	2.8	39	-18
ICELAN	REYKJAVIK	14	10	21	8	12	1.0	55	4
INDIA	AMRITSAR	35	27	41	22	31	0.8	208	-9
	NEW DELHI	36	26	43	22	31	0.0	535	348
	AHMEDABAD	35	27	38	25	31	1.0	172	-129
	INDORE	31	24	36	22	27	0.6	202	-70
	CALCUTTA	33	27	36	24	30	0.6	703	368
	VERAVAL	31	27	34	25	29	0.3	354	*****
	BOMBAY	31	26	34	24	28	0.4	947	*****
	POONA	29	22	34	20	26	0.1	195	15
	BEGAMPET	30	23	36	21	27	-0.4	325	145
	VISHAKHAPATN	32	27	36	24	30	0.8	140	11
	MADRAS	35	26	37	23	30	-0.8	150	44
	MANGALORE	28	23	31	22	26	-0.1	1100	*****
INDONE	SERANG	33	23	34	21	28	0.7	45	-24
IRELAN	DUBLIN	21	12	27	6	16	1.2	71	14
ITALY	MILAN	30	19	33	15	25	-0.2	89	44
	VERONA	30	18	34	15	24	-0.7	87	25
	VENICE	29	20	34	17	25	0.8	36	-32
	GENOA	26	22	34	19	24	-0.5	11	-16
	ROME	30	19	34	16	25	0.8	1	-17
	NAPLES	31	22	36	19	26	0.9	2	-30
JAMAIC	KINGSTON	32	25	34	23	29	-0.2	179	144
JAPAN	SAPPORO	29	20	35	16	25	4.1	8	-73
	NAGOYA	32	25	36	21	28	1.7	321	116
	TOKYO	30	23	35	19	27	0.6	314	161
	YOKOHAMA	30	24	34	20	27	0.8	373	215
	KYOTO	33	25	37	22	29	1.0	400	183
	OSAKA	32	25	36	21	29	1.4	287	129
KAZAKH	KUSTANAY	27	15	39	8	21	0.3	104	48
	TSELINOGRAD	27	16	38	8	22	0.9	44	-2
	KARAGANDA	28	15	38	8	22	1.7	19	-29
KENYA	NAIROBI	21	14	25	10	17	-1.1	7	-5
LIBYA	BENGHAZI	34	22	40	1	28	2.2	0	*****
LITHUA	KAUNAS	28	17	35	11	23	4.7	48	-30
LUXEMB	LUXEMBOURG	22	14	26	10	18	-0.7	242	171
MALAYS	KUALA LUMPUR	33	25	35	23	29	1.3	173	23
MALI	BAMAKO	32	23	37	21	28	0.6	256	38
MARSHA	MAJURO	31	27	32	24	29	1.0	240	-63
MARTIN	LAMENTIN	31	25	32	23	28	0.6	149	-59
MAURIT	NOUAKCHOTT	30	23	37	21	26	-1.2	*****	*****
MEXICO	GUADALAJARA	27	18	30	15	22	1.0	578	*****
	TLAXCALA	24	12	28	8	18	0.6	127	10
	ORIZABA	26	17	30	14	21	0.9	298	*****
MOROCC	CASABLANCA	26	20	34	16	23	0.3	0	-1
	MARRAKECH	41	22	48	17	31	2.2	0	-1
MOZAMB	MAPUTO	25	13	32	9	19	-0.5	1	-15
N KORE	PYONGYANG	32	23	35	19	28	2.6	86	-203
NEW CA	NOUMEA	24	18	28	14	21	1.2	14	-56
NIGER	NIAMEY	34	26	40	22	30	0.6	117	-26
NORWAY	OSLO	24	14	29	9	19	2.4	123	47
NZEALA	AUCKLAND	15	8	19	1	12	0.4	88	-34
	WELLINGTON	14	8	17	2	11	0.8	182	77
P RICO	SAN JUAN	31	26	34	24	29	0.1	159	30
PAKIST	KARACHI	34	29	40	26	32	1.4	49	-9
PERU	LIMA	19	16	21	15	17	0.3	0	*****
PHILIP	MANILA	31	26	34	22	28	-0.1	834	465
PNEWGU	PORT MORESBY	30	25	33	23	27	1.0	11	-10
POLAND	WARSAW	27	17	33	14	22	3.2	155	80
	LODZ	26	16	33	11	21	2.2	85	6
	KATOWICE	27	16	32	10	21	2.5	102	6
PORTUG	LISBON	28	17	37	14	23	-0.3	0	-5
ROMANI	BUCHAREST	32	17	38	12	24	1.7	33	-30
RUSSIA	ST.PETERSBUR	28	18	34	12	23	4.3	46	-32
	KAZAN	27	17	32	11	22	1.1	81	13
	MOSCOW	28	17	34	11	22	3.1	45	-41
	YEKATERINBUR	25	15	34	9	20	0.5	84	-4
	OMSK	26	14	36	8	20	0.7	31	-35
	BARNAUL	26	14	34	7	20	-0.1	25	-46
	KHABAROVSK	30	20	35	15	25	3.9	45	-86
	VLADIVOSTOK	24	20	33	13	22	4.5	24	-134
	VOLGOGRAD	34	20	40	15	27	3.1	0	-34
	ASTRAKHAN	35	22	41	16	28	2.7	2	-19
	ORENBURG	31	17	37	10	24	1.7	26	-17
S AFRI	JOHANNESBURG	16	4	22	-7	10	-0.6	0	-2
	CAPE TOWN	18	7	26	1	12	0.1	67	-25
S KORE	SEOUL	32	25	36	20	28	3.6	168	-227
SAMOA	PAGO PAGO	30	26	31	23	28	0.9	117	-47
SENEGA	DAKAR	31	26	37	24	28	0.9	2	-54
SPAIN	VALLADOLID	31	14	37	10	22	0.1	0	-14
	MADRID	34	17	40	10	25	0.2	4	-10
	SEVILLE	37	20	42	17	28	0.2	0	*****
SWITZE	GENEVA	25	15	29	12	20	-0.2	124	51
SYRIA	DAMASCUS	39	20	44	17	30	2.4	0	0
TAHITI	PAPEETE	29	22	31	20	26	0.4	36	-29
TANZAN	DAR ES SALAA	30	20	31	17	25	1.4	5	-16
THAILA	PHITSANULOK	34	25	38	24	30	0.9	174	-4
	BANGKOK	34	27	38	25	30	1.4	222	52
TOGO	TABLIGBO	31	23	34	21	27	0.9	122	*****
TRINID	PORT OF SPAI	32	24	33	21	28	0.8	284	33
TUNISI	TUNIS	36	23	44	20	30	2.2	2	-3
TURKEY	ISTANBUL	31	23	37	19	27	1.9	3	-21
	ANKARA	31	15	38	9	23	1.3	4	-14
TURKME	ASHKHABAD	39	28	47	24	33	3.5	1	-3
UKINGD	ABERDEEN	19	13	28	8	16	1.1	43	-18
	LONDON	24	15	32	11	19	0.5	60	19
UKRAIN	KIEV	30	20	34	15	25	4.3	63	-10
	LVOV	27	16	34	13	22	3.6	47	-54
	KIROVOGRAD	30	17	34	11	24	2.4	55	-8
	ODESSA	29	20	34	17	25	2.4	99	53
	KHARKOV	31	18	36	14	24	3.2	7	-53
UZBEKI	TASHKENT	38	24	44	17	31	3.0	0	-5
VENEZU	CARACAS	28	25	30	24	27	0.4	0	-66
YUGOSL	BELGRADE	32	21	39	16	27	3.8	64	4
ZAMBIA	LUSAKA	***	***	27	6	***	*****	*****	*****
ZIMBAB	KADOMA	***	***	***	***	***	*****	*****	*****

Based on Preliminary Reports



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

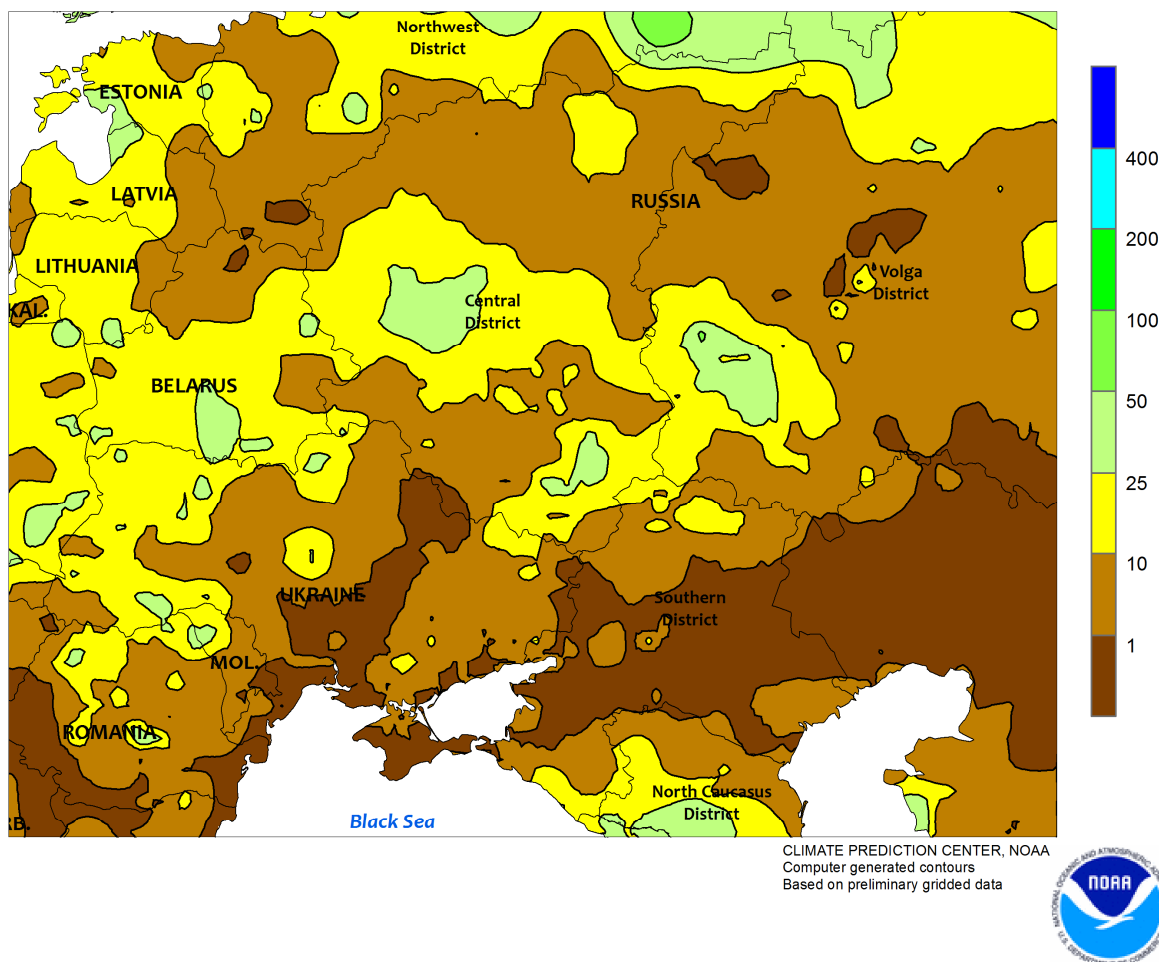


### EUROPE

Showers benefited reproductive to filling spring grains and summer crops over much of central and northern Europe, while heat and short-term dryness lingered in the lower Balkans. Showers during the monitoring period totaled 10 to 50 mm (locally more) from England and France eastward into Poland and the Baltic States, though pockets of somewhat drier weather (less than 10 mm) were noted in central France, eastern Germany, and northwestern Poland. Most of the continent's central and northern croplands have reported near-to above-normal rainfall over the past 60 days save for northwestern Poland and parts of Scandinavia. Moderate to heavy rain (10-50 mm) in northern Italy provided late-season moisture for filling to maturing summer crops, while dry weather maintained drought concerns over central and southern Italy.

Rain also continued to bypass the lower Danube River Valley, where recent dryness (30-day rainfall locally less than 50 percent of normal) and temperatures as high as 39°C during the past week may have trimmed the otherwise favorable prospects for filling to maturing corn, sunflowers, and soybeans. Likewise, dry weather on the Iberian Peninsula was seasonable in the south (Andalucía) but untimely in the country's northern corn areas (Castilla y Leon), though summer crops in Spain are heavily irrigated. Favorably cool weather eased crop water demands somewhat in northern Spain (1-2°C below normal) and maintained excellent growing conditions in France (up to 3°C below normal), while the aforementioned heat in southeastern Europe resulted in temperatures averaging 3 to 6°C above normal.

WESTERN FSU  
Total Precipitation (mm)  
July 25 - 31, 2021

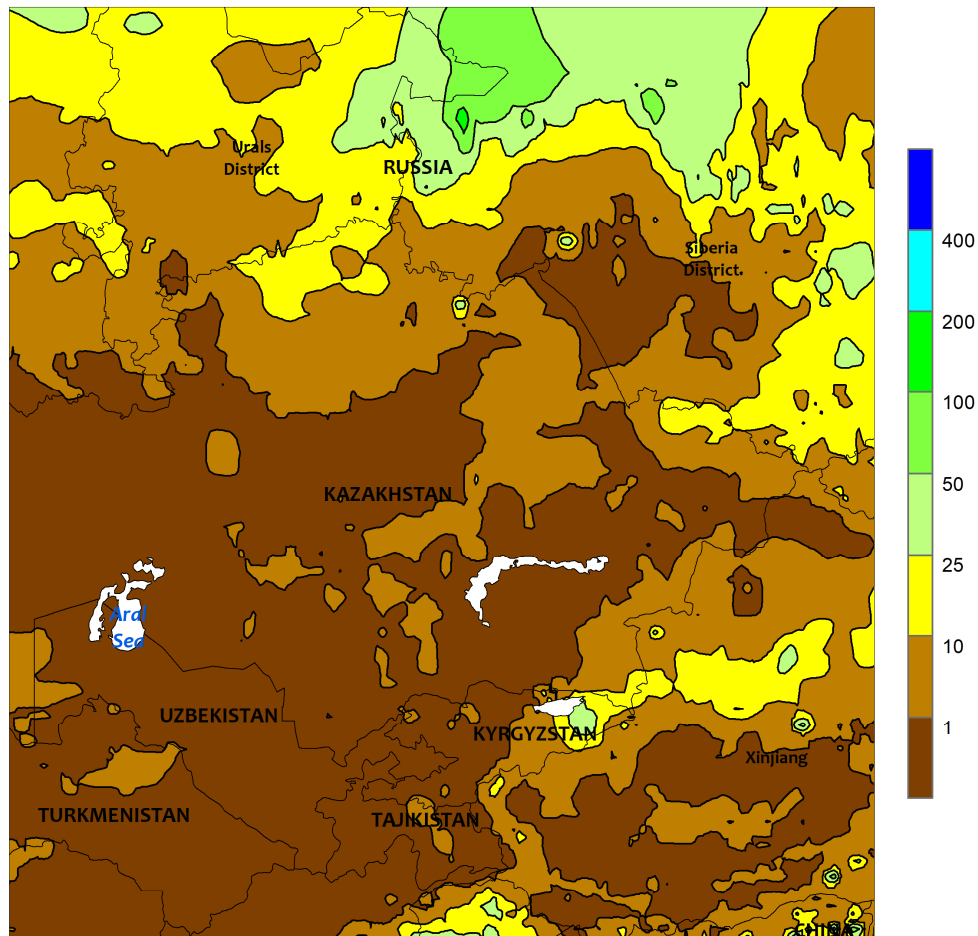


### WESTERN FSU

Rain in northern growing areas contrasted with dry weather in central and southern portions of the region. Highly variable albeit beneficial showers in northern Ukraine (5-30 mm) eased dryness concerns for reproductive summer crops, though the rain mostly bypassed the country's northeastern corn belt. Despite the drier conditions in northeastern Ukraine (30-day rainfall locally less than 50 percent of normal), a lack of extreme heat on top of good spring and early-summer rainfall has allowed summer crops to withstand the dryness without significant loss of yield potential to date. Across central and southern Ukraine, sunny skies and warm — but not unusually hot — weather (1-3°C above normal) favored reproductive to filling corn, sunflowers, and soybeans. The latest

satellite-derived Vegetation Health Index (VHI) indicated good to excellent crop conditions across most of Ukraine. Hit and miss showers in Moldova (1-33 mm) maintained good to excellent conditions for reproductive to filling corn and sunflowers, with the latest VHI also indicating very good crop vigor. In Russia, moderate to heavy showers (10-45 mm) in northern growing areas eased short-term dryness and improved yield prospects for reproductive corn and sunflowers, while sunny skies and a respite from mid-July's extreme heat in southern Russia ushered summer crops toward maturity. The VHI over western Russia remained better than last year but highly variable, especially in the recently hot Volga, Southern, and North Caucasus Districts.

EASTERN FSU  
Total Precipitation (mm)  
July 25 - 31, 2021



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

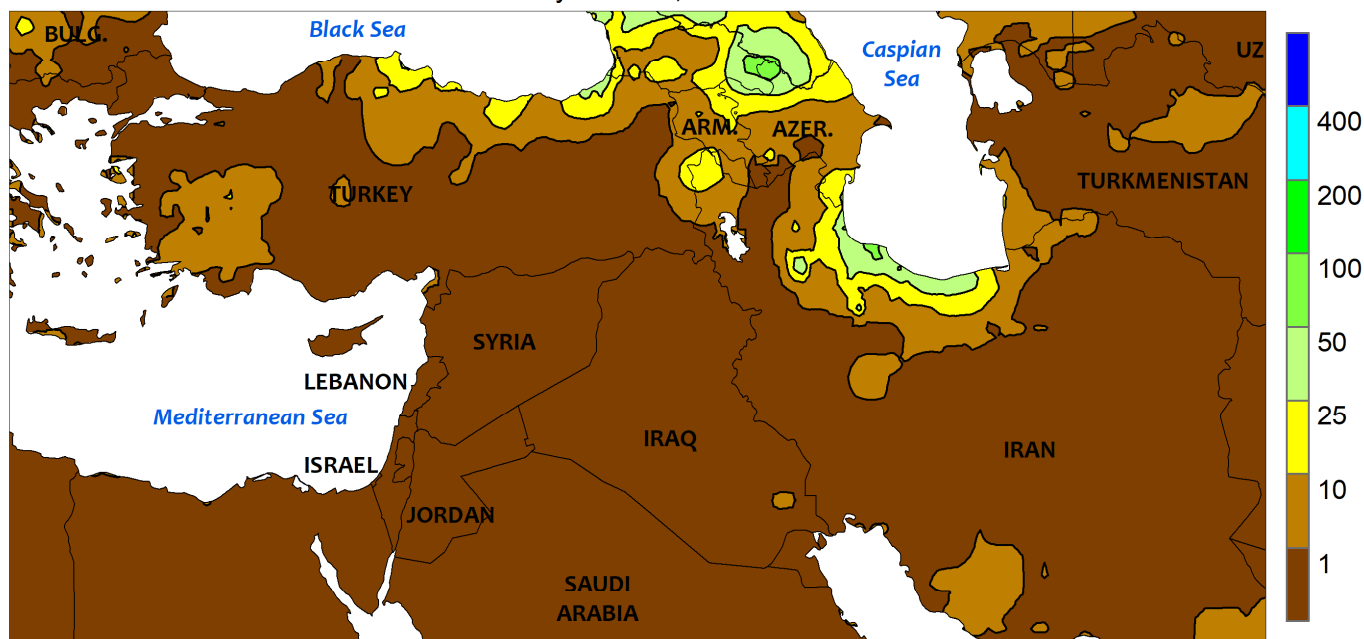


**EASTERN FSU**

Additional rain in spring grain areas contrasted with seasonably dry weather in the cotton belt. Variable albeit still beneficial showers and thunderstorms (1-25 mm) in northern Kazakhstan and neighboring portions of central Russia further improved soil moisture for late-developing spring grains. However, most crops have reached the filling to maturing stages of development up to two weeks ahead of normal following very hot weather from late June into early July. Nevertheless, the recent uptick in rainfall has likely stabilized yield potential and netted improving prospects for later-developing spring wheat and barley. Moderate to heavy rainfall (10-50 mm, locally more) was also reported across northern and eastern portions of

Russia's Siberia District, maintaining good to excellent spring wheat prospects in these locales. However, dry weather in the southwestern Siberia District (Altai Krai) over the past 30 days (less than 50 percent of normal) has reduced topsoil moisture for reproductive to filling spring wheat. The latest satellite-derived Vegetation Health Index continued to depict poor crop vigor from this season's heat and drought in western and central spring grain areas, while conditions in the Siberia District were markedly better. In the south, the return of seasonal heat and sunny skies were beneficial for open-boll cotton, following last week's unseasonable showers in Uzbekistan's Fergana Valley.

MIDDLE EAST  
Total Precipitation (mm)  
July 25 - 31, 2021



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



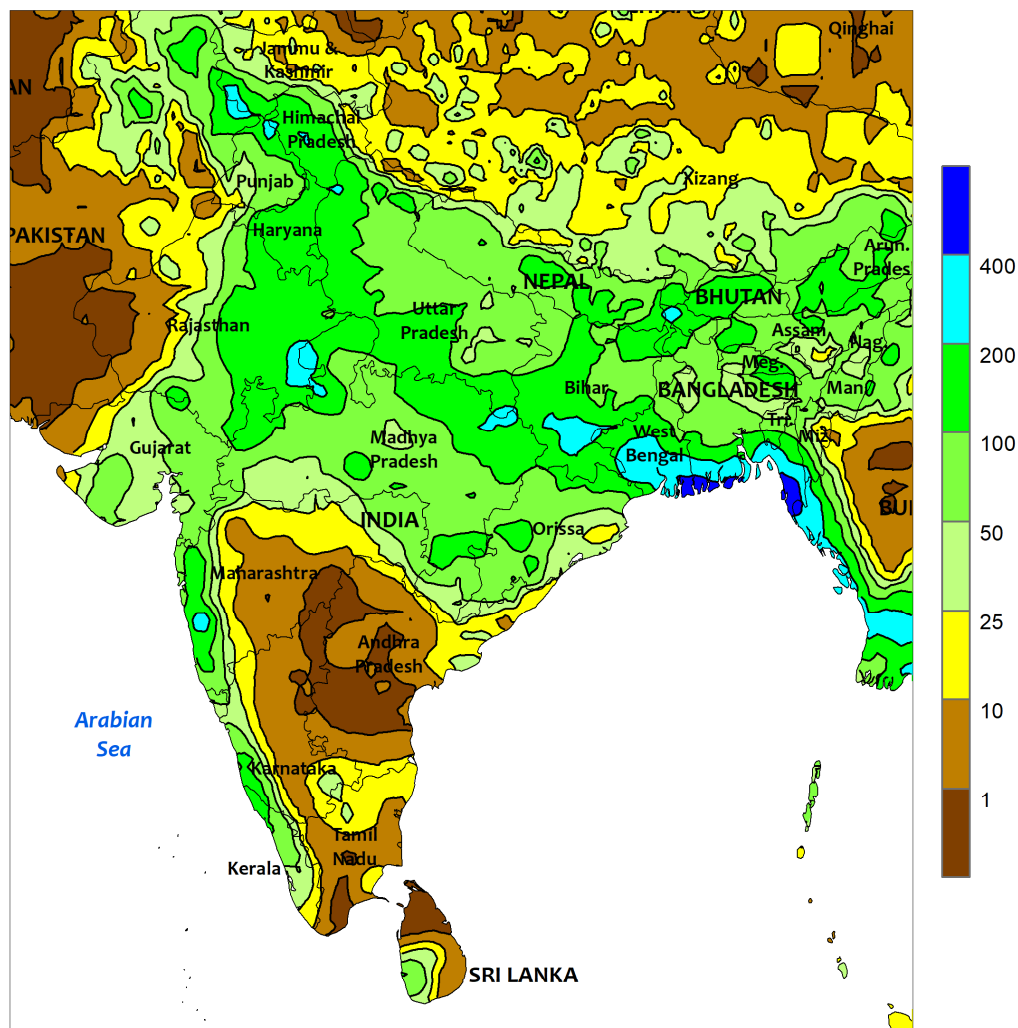
MIDDLE EAST

Sunny skies continued across most of Turkey's primary summer crop areas during the past week. Outside of isolated showers in southwestern Turkey (1-10 mm) and along the Black Sea Coast (2-25 mm, locally more in the far east), dry weather prevailed. The latest satellite-derived Vegetation Health Index (VHI) indicated filling to maturing summer crops were developing favorably across western and northern portions of the country, while the VHI indicated pockets of sub-par crop vigor in

central Turkey and in parts of the east and southeast (GAP Region). Turkey's southeastern summer crops (mostly corn and cotton) rely heavily on irrigation, and water supplies were reduced this year by an early end to the region's wet season (October-May). Rainfall in northwestern crop areas (Marmara) is more evenly distributed throughout the year, and these croplands (mainly sunflowers) benefited from good rains up through the first week of July despite the recent dry weather.



SOUTH ASIA  
Total Precipitation (mm)  
July 25 - 31, 2021



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

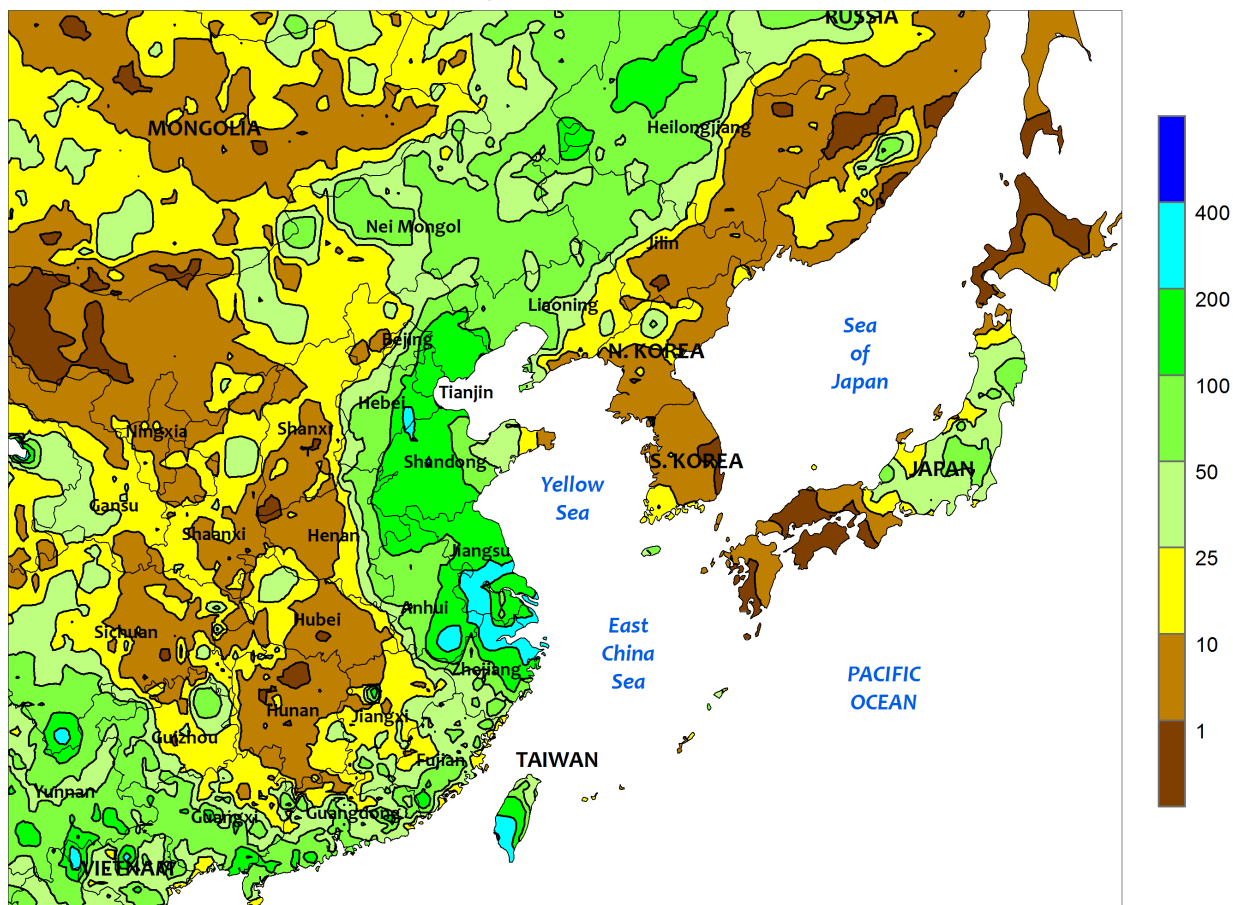


### SOUTH ASIA

Wet weather prevailed across most of India, with pockets of dryness limited to the far south and west. Rainfall totals between 50 and 200 mm (locally more) were reported from eastern rice areas (including Bangladesh) to western cotton and oilseed areas. The moisture was welcome across locales experiencing significant unseasonable

dryness in key growing areas; rainfall for July remained well below average (less than 50 percent of normal) in the far west, though. Meanwhile, heavy showers (25-150 mm) were also recorded in northern India and adjacent sections of Pakistan, providing supplemental moisture and increasing irrigation supplies for rice and cotton.

EASTERN ASIA  
Total Precipitation (mm)  
July 25 - 31, 2021



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

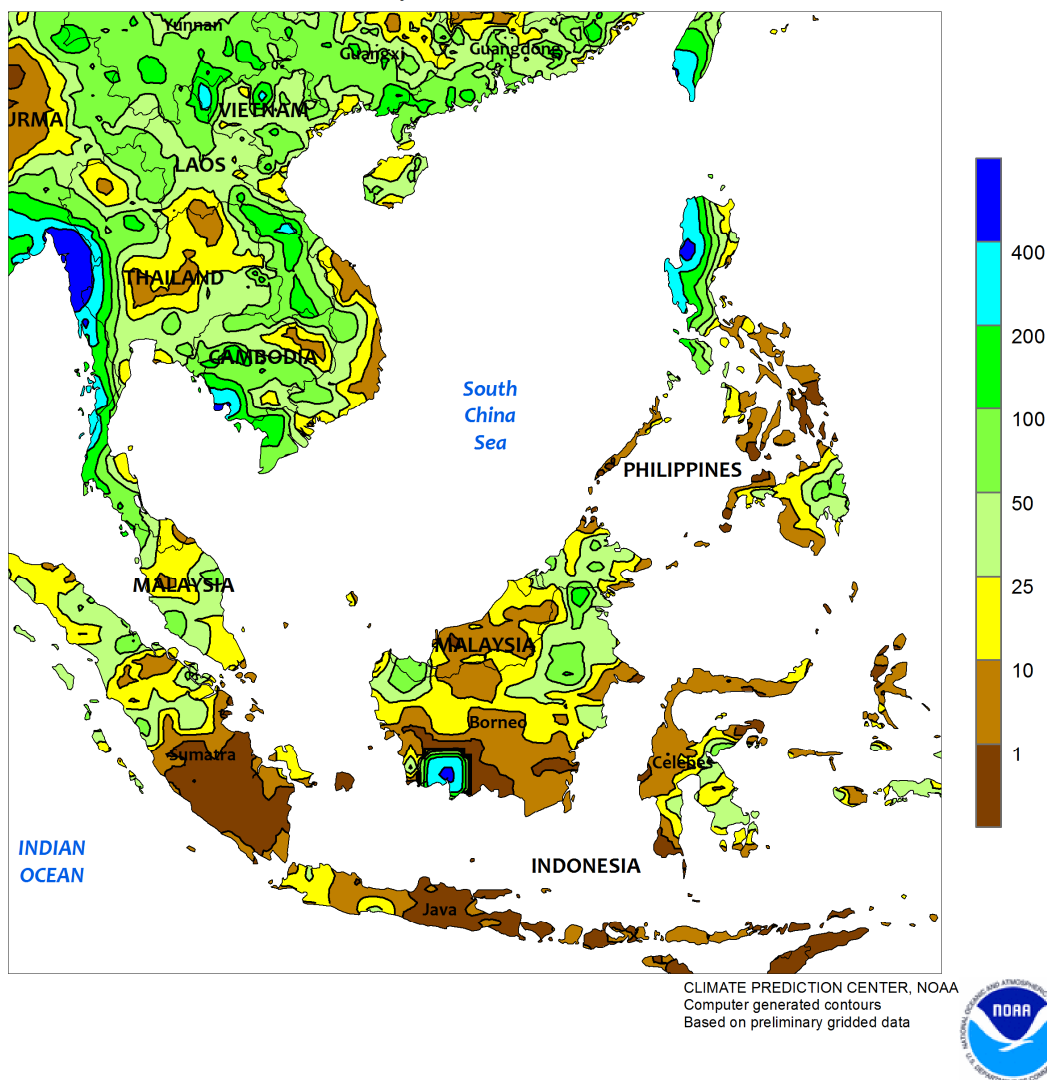


#### EASTERN ASIA

Typhoon In-Fa made landfall in eastern China early in the period, producing heavy rain and localized flooding. At its peak, In-Fa had sustained winds of nearly 95 knots (two-minute average) but weakened quickly prior to landfall (65 knot sustained winds). Rainfall from the storm added substantially to weekly totals, as many eastern provinces recorded 50 to nearly 300 mm. While the downpours eased developing dryness in eastern-most prefectures, flooding was likely around the lower Yangtze River where amounts were the highest. Additionally, showers from the remnants of In-Fa moved into northeastern China, adding to already impressive soil moisture for reproductive corn and soybeans in western

Heilongjiang and Jilin as well as in Liaoning and nearby sections of Inner Mongolia; eastern prefectures of Heilongjiang and Jilin remained dry, however. In contrast, dry weather prevailed in an area encompassing western portions of the North China Plain and into the southern Yangtze Valley. While the dryness eased excessive wetness for corn in Henan following last week's deluge, it further reduced already limited moisture supplies for rice in the southern provinces. Elsewhere, heat continued to stress cotton in parts of western China, while unseasonable heat and dryness remained a concern on the Korean Peninsula and much of Japan (Typhoon Nepartak brought some relief to central sections of Japan, though).

SOUTHEAST ASIA  
Total Precipitation (mm)  
July 25 - 31, 2021

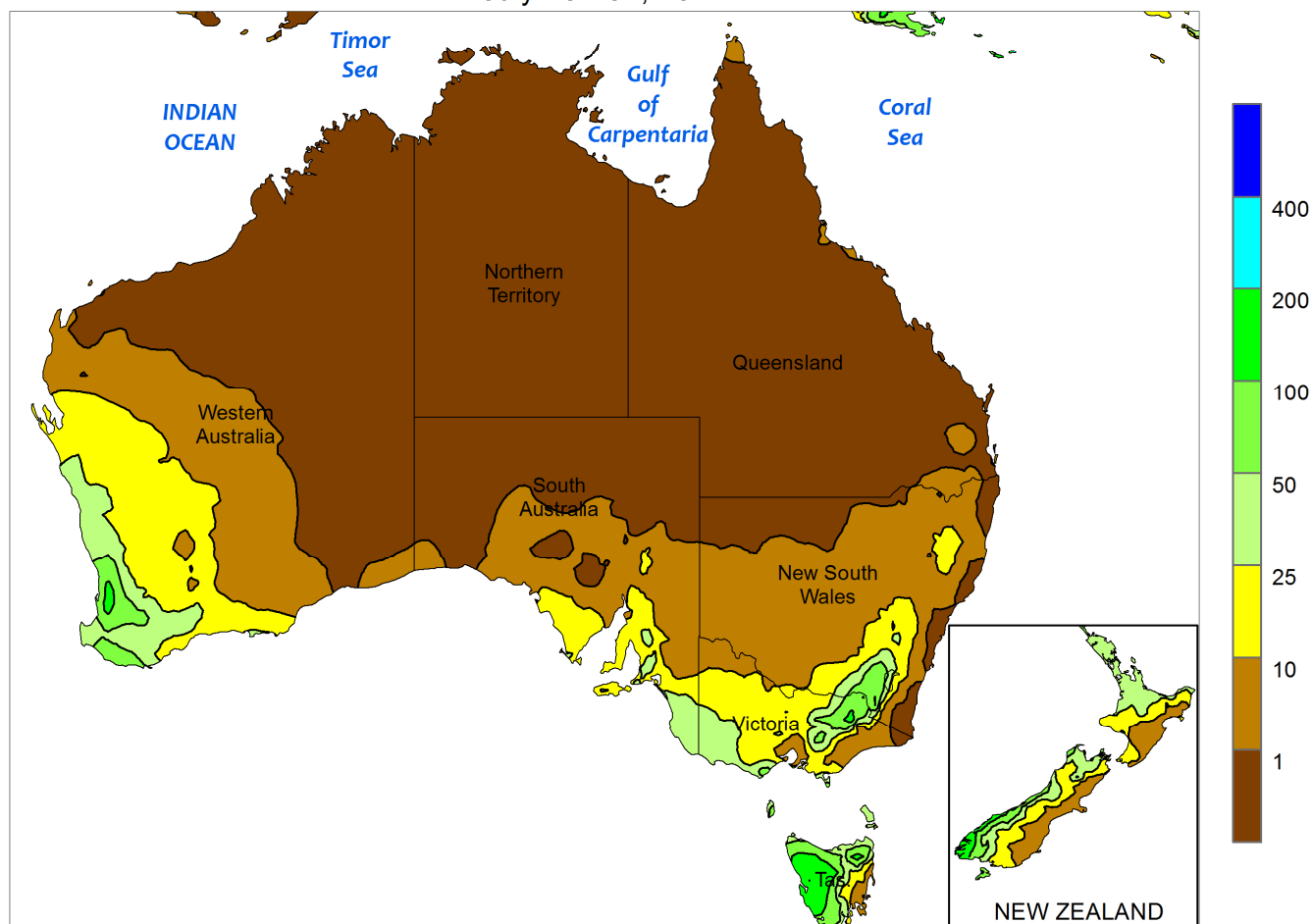


**SOUTHEAST ASIA**

Showers (25-100 mm or more) continued across much of Indochina and into northern Thailand, maintaining favorable moisture supplies for rice and other crops. However, pockets of dryness returned to interior sections of Thailand; rainfall totals for July remained above average and above last year for the same period. Meanwhile, deluges (100-300 mm or more) continued in the northwestern Philippines (western Luzon),

bringing monthly totals to near 900 mm (nearly 180 percent of normal). In contrast, most of the rest of the Philippines has been unseasonably dry for the last 30 days, and more moisture is needed to sustain yield prospects for rice and corn. Farther south, unseasonably dry weather continued in oil palm areas of Malaysia and Indonesia, though longer-term (60-90 days) moisture conditions remained favorable.

AUSTRALIA  
Total Precipitation (mm)  
July 25 - 31, 2021



Gridded data from the Australian Bureau of Meteorology: [www.bom.gov.au/](http://www.bom.gov.au/)  
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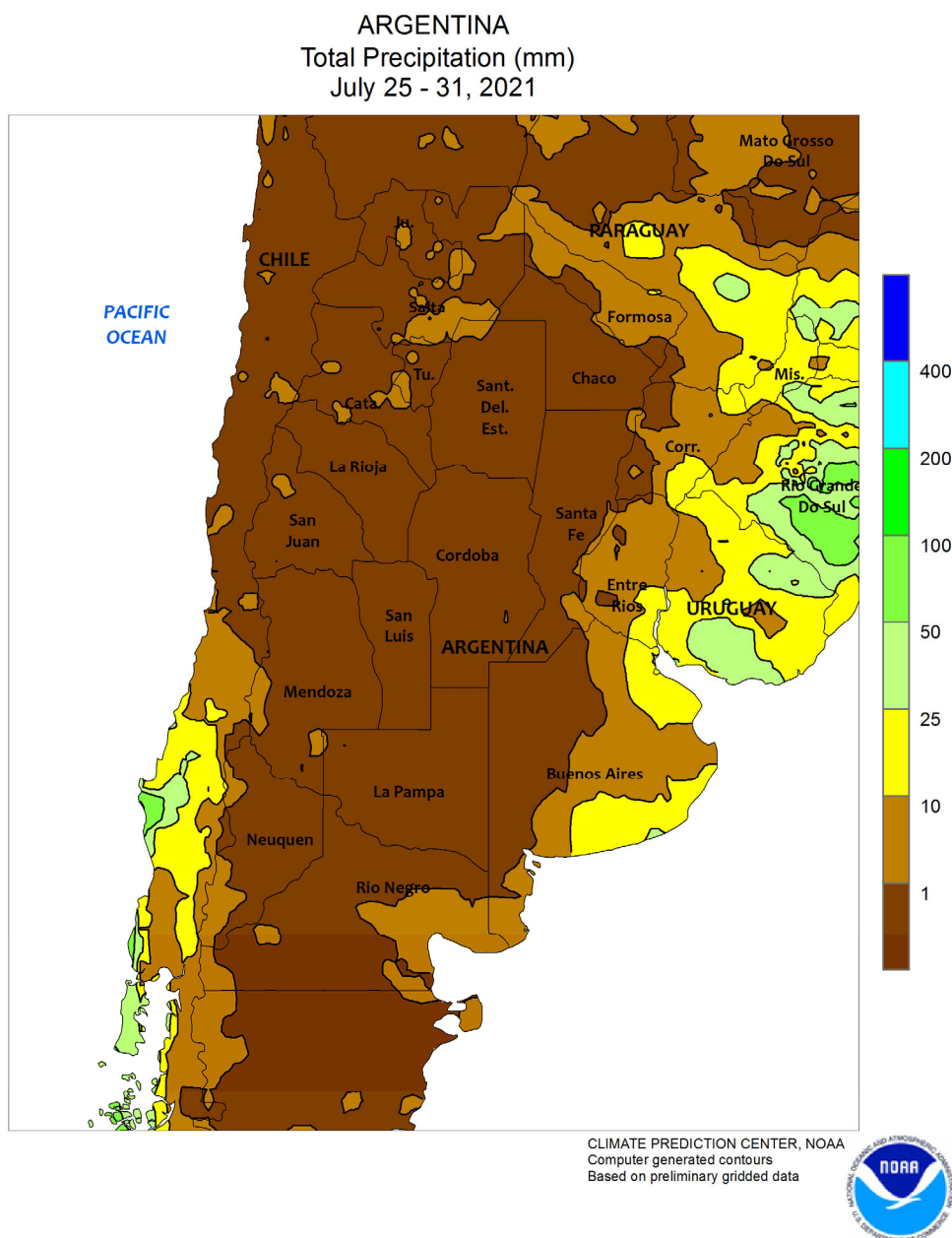
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary gridded data



### AUSTRALIA

Soaking rain (15-50 mm, locally more) overspread Western Australia once again, maintaining abundant soil moisture for vegetative winter grains and oilseeds. Similarly, widespread showers (10-25 mm, locally more) in South Australia, Victoria, and southern New South Wales sustained good to excellent wheat, barley, and canola prospects. Lighter and more widely scattered showers (5-15 mm, locally more) dotted farmlands across northern New South Wales and southern Queensland.

Nevertheless, a combination of sunny skies and adequate to abundant moisture supplies favored wheat and other winter crop development. Across the wheat belt, temperatures averaged 1 to 2°C above normal locally and near normal elsewhere. The somewhat warmer-than-normal weather accelerated crop growth in some areas, but maximum temperatures were generally in the upper 10s and lower 20s degrees C, favoring winter grain and oilseed development.



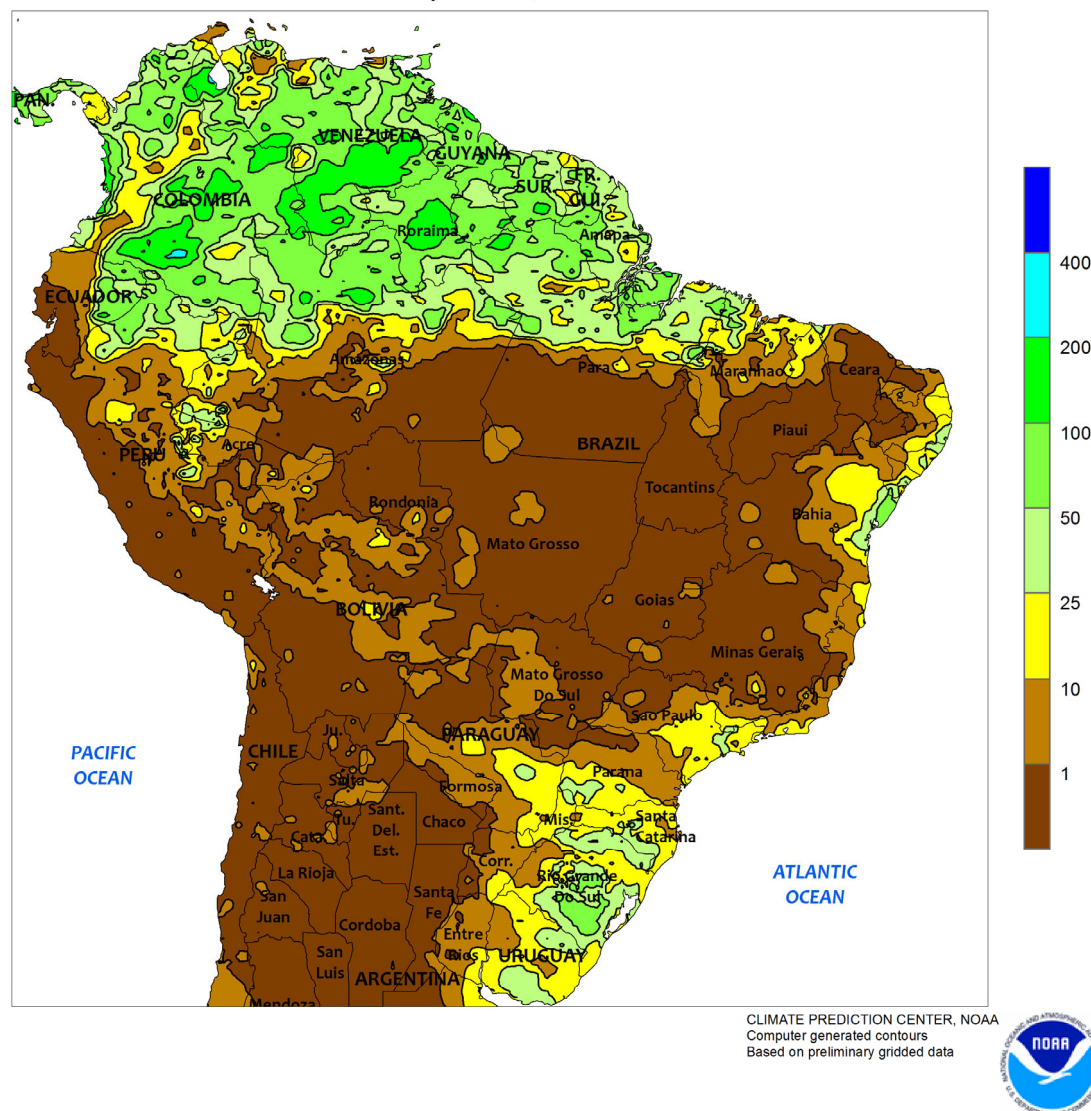
### ARGENTINA

Cold, dry weather dominated nearly all major agricultural districts, slowing early vegetative growth of winter grains while supporting the final stages of the summer harvest. Weekly average temperatures ranged from near normal in southern-most farming areas of La Pampa and Buenos Aires to as much as 4°C below normal farther north, with freezes (lowest nighttime temperatures from -8 to 0°C) recorded in nearly all locations. Most western and central farming areas (western

Buenos Aires and La Pampa northward through Chaco and Salta) were completely dry, with light to moderate rain (5-25 mm) falling from southern and eastern Buenos Aires northward into eastern Paraguay. According to the government of Argentina, corn was 89 percent harvested as of July 29, lagging last year by 7 points, and cotton was 96 percent harvested; wheat and barley planting were also nearing completion at 97 and 99 percent planted, respectively.



BRAZIL  
Total Precipitation (mm)  
July 25 - 31, 2021



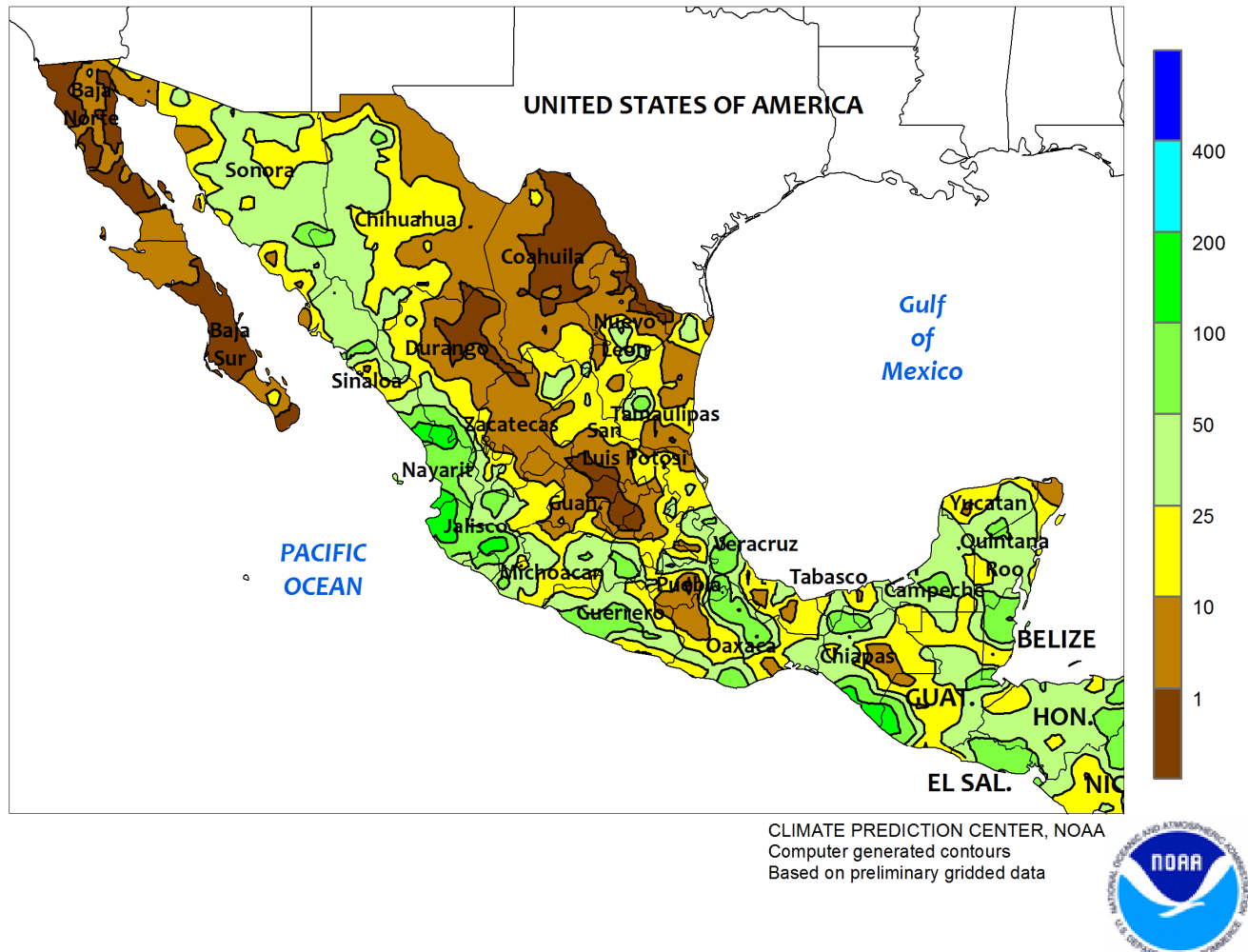
### BRAZIL

For a second week, unseasonably cold weather covered a large section of southern Brazil, renewing concerns for crops vulnerable to freeze damage. Weekly temperatures averaged 3 to 6°C below normal from northern Rio Grande do Sul to southern Goiás, with temperatures falling to 0°C or lower in São Paulo and southern-most Minas Gerais; while patchy, the frost will require a second week of damage assessment of citrus, coffee, and sugarcane. The freeze may have also impacted immature corn and wheat from Mato Grosso do Sul southward. According to the government of Paraná, 7 percent of second-crop corn had been harvested as of July 26, with 81 percent of the

remainder being mature; only 3 percent of corn crop was reportedly flowering. Additionally, 28 percent of Paraná's wheat had reached flowering, while only 2 percent of wheat in Rio Grande do Sul was flowering as of July 29. Light rain (3-25 mm) fell from southern Paraná southward into Uruguay, boosting moisture reserves for wheat after several weeks of dryness. Elsewhere, dry albeit cool weather aided seasonal fieldwork in Brazil's central and northeastern interior, while seasonal showers (locally greater than 25 mm) dotted the northeastern coast. According to the government of Mato Grosso, corn and cotton were 84 and 23 percent harvested, respectively, as of July 30.



MEXICO  
Total Precipitation (mm)  
July 25 - 31, 2021

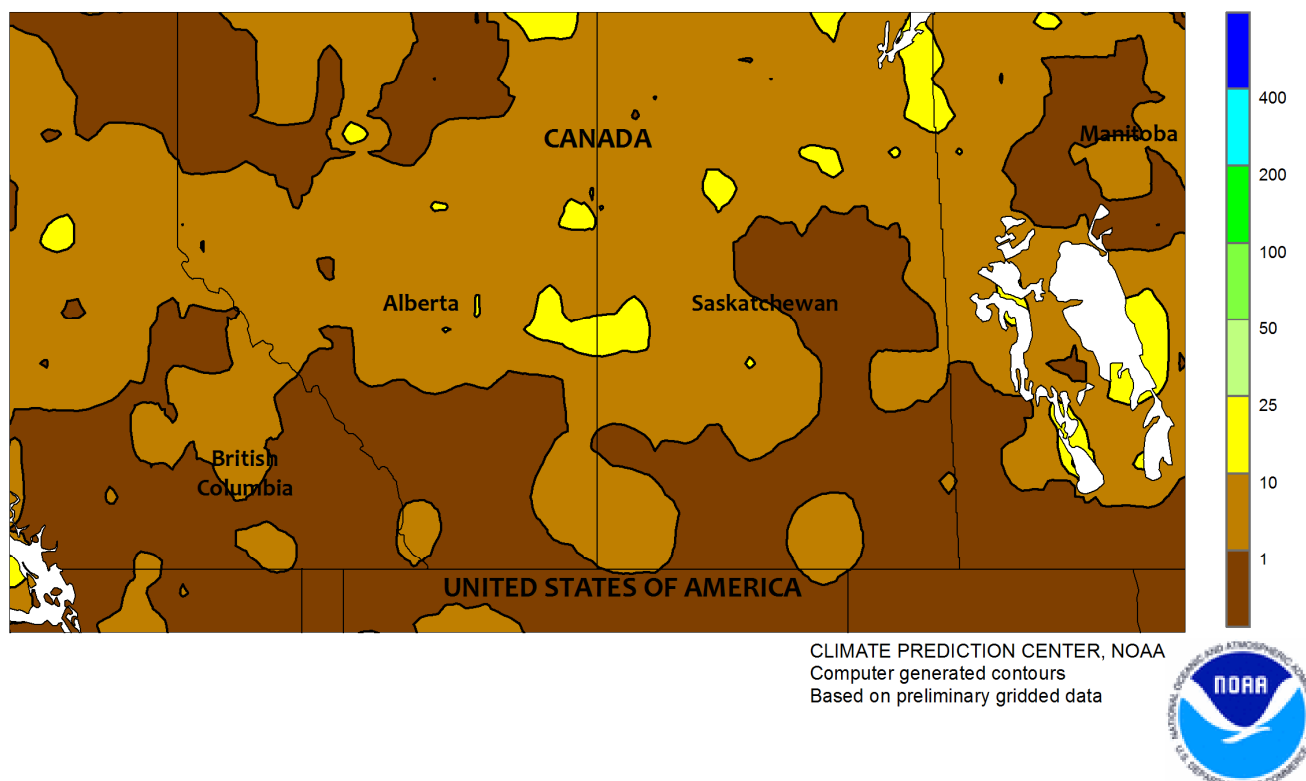


**MEXICO**

Widespread, locally heavy showers benefited rain-fed summer crops and helped to replenish irrigation reserves. Moderate to heavy rain (25-50 mm, locally higher) continued in northwestern watersheds (Sinaloa, Sonora, and western Chihuahua), although rainfall continued to be patchy in eastern Chihuahua and much of Coahuila, where irrigation reserves remained low for cotton and other summer crops dependent upon local reservoirs. The dryness extended eastward along the Rio Grande Valley (northern sections of Nuevo Leon into Tamaulipas), though heavier showers (10-50 mm, locally higher) developed in and

around southern Nuevo Leon. Summer heat (daytime highs reaching the upper 30s degrees C) maintained high evaporative losses in parts of northern Mexico, further impeding reservoir recharge in those locations receiving only widely scattered showers. Farther south, moderate to heavy rain (25-100 mm) fell throughout key farming areas of the southern plateau (Jalisco to Puebla) and Veracruz, benefiting corn, sugarcane, and other rain-fed summer crops. Similar amounts were recorded along the southern Pacific Coast (Michoacán to Chiapas) and in southeastern farming areas, including Tabasco and Campeche.

CANADIAN PRAIRIES  
Total Precipitation (mm)  
July 25 - 31, 2021

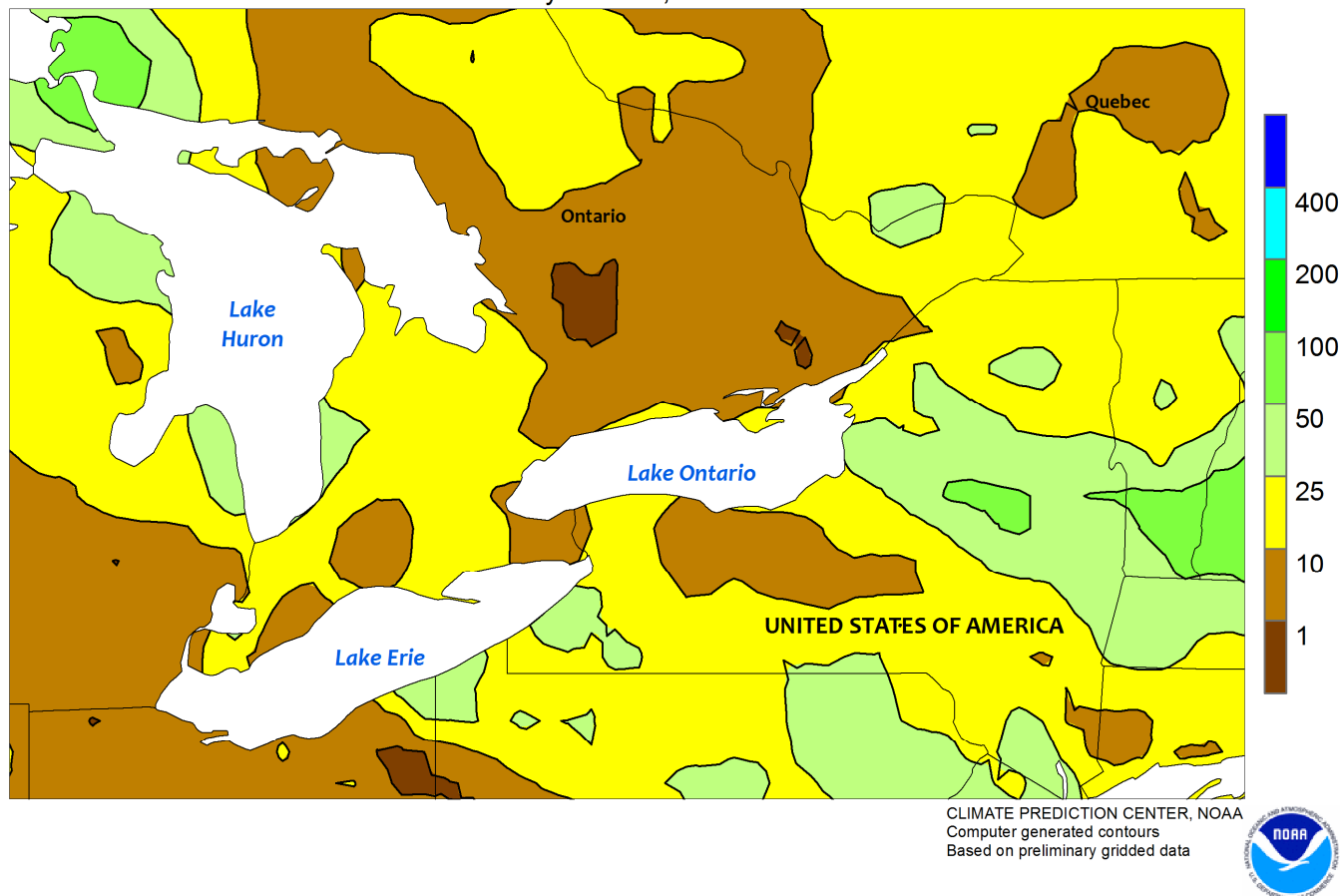


#### CANADIAN PRAIRIES

Unseasonable warmth and dryness dominated most Prairie agricultural districts, increasing stress on spring crops and pastures. Weekly average temperatures generally ranged from 1 to 2°C above normal from Alberta's Peace River Valley to southern Manitoba, with higher departures (3-6°C above normal) over southwestern farmlands. These warmer locations – which included large sections of southeastern Alberta and southwestern Saskatchewan – registered daytime highs in the middle and upper 30s (degrees C). Meanwhile, mostly dry weather prevailed from southern Alberta eastward, and in the Peace River Valley,

compounding the impacts of the warmth on drought-stricken crops and pastures. Showers (5-25 mm) provided localized relief from the dryness in Alberta's northeastern agricultural districts, neighboring locations in western Saskatchewan, and in Manitoba's northern and eastern farming areas, although the moisture came too late to significantly improve yield prospects of crops already damaged by heat and long-term dryness. According to the government of Alberta, crop conditions continued to decline throughout the province with about 20 percent of all crops rated good to excellent as July 27, down 51 points from the 5-year average.

SOUTHEASTERN CANADA  
Total Precipitation (mm)  
July 25 - 31, 2021



**SOUTHEASTERN CANADA**

Showers and the absence of stressful heat maintained favorable prospects for summer crops and the production of forage. Weekly average temperatures ranged from near normal in Ontario's southwestern farming areas to as much as 4°C below normal in eastern-most Ontario and neighboring locations in Quebec. Highest daytime temperatures reached the

lower 30s (degrees C) in Ontario's southern farmlands and the middle and upper 20s elsewhere in the region, and nighttime lows occasionally dropped below 10°C. Rainfall was mostly light (less than 25 mm), supporting winter wheat harvesting and other seasonal fieldwork and keeping topsoils moist for germination of secondary crops.





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