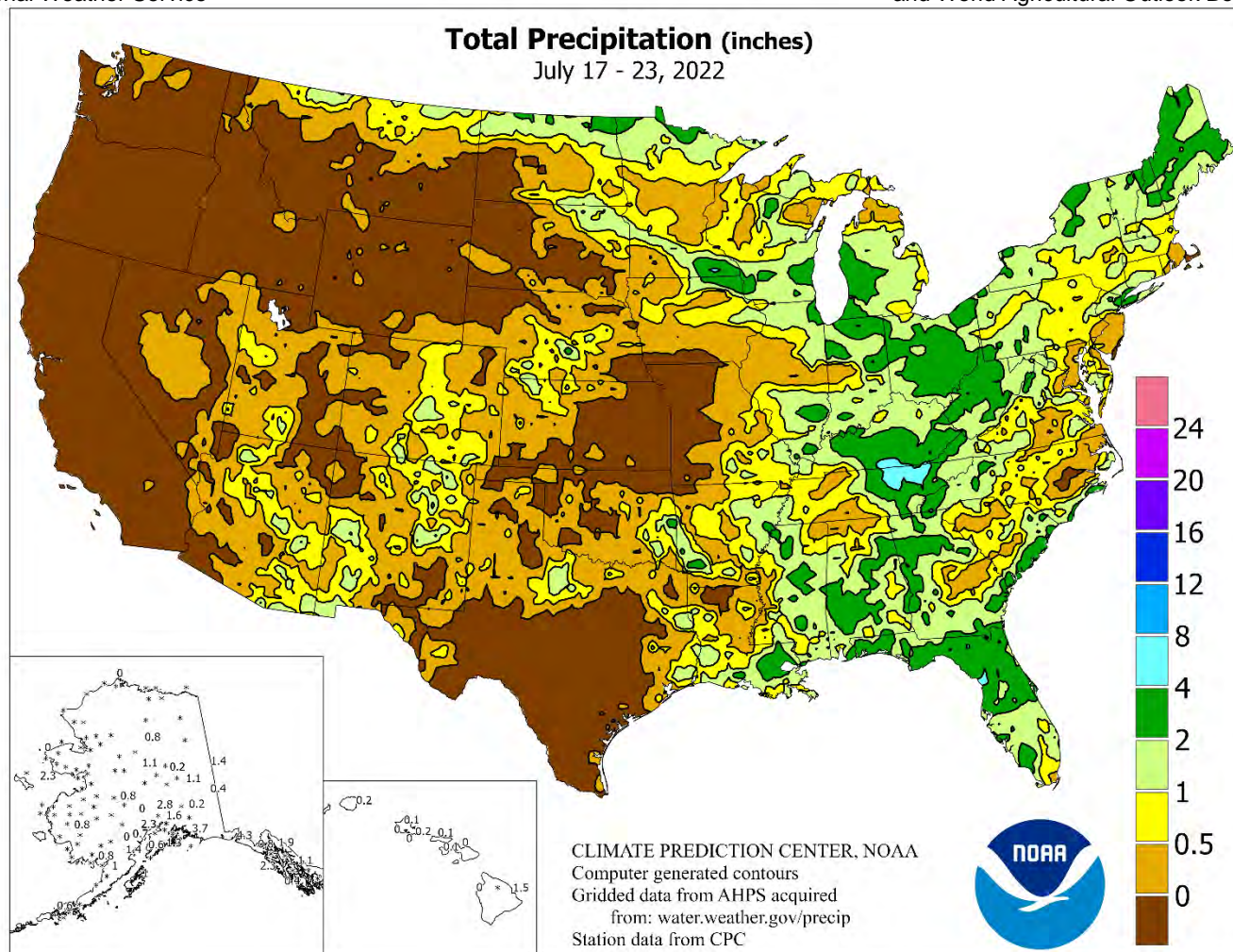


# WEEKLY WEATHER AND CROP BULLETIN

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 17 – 23, 2022**

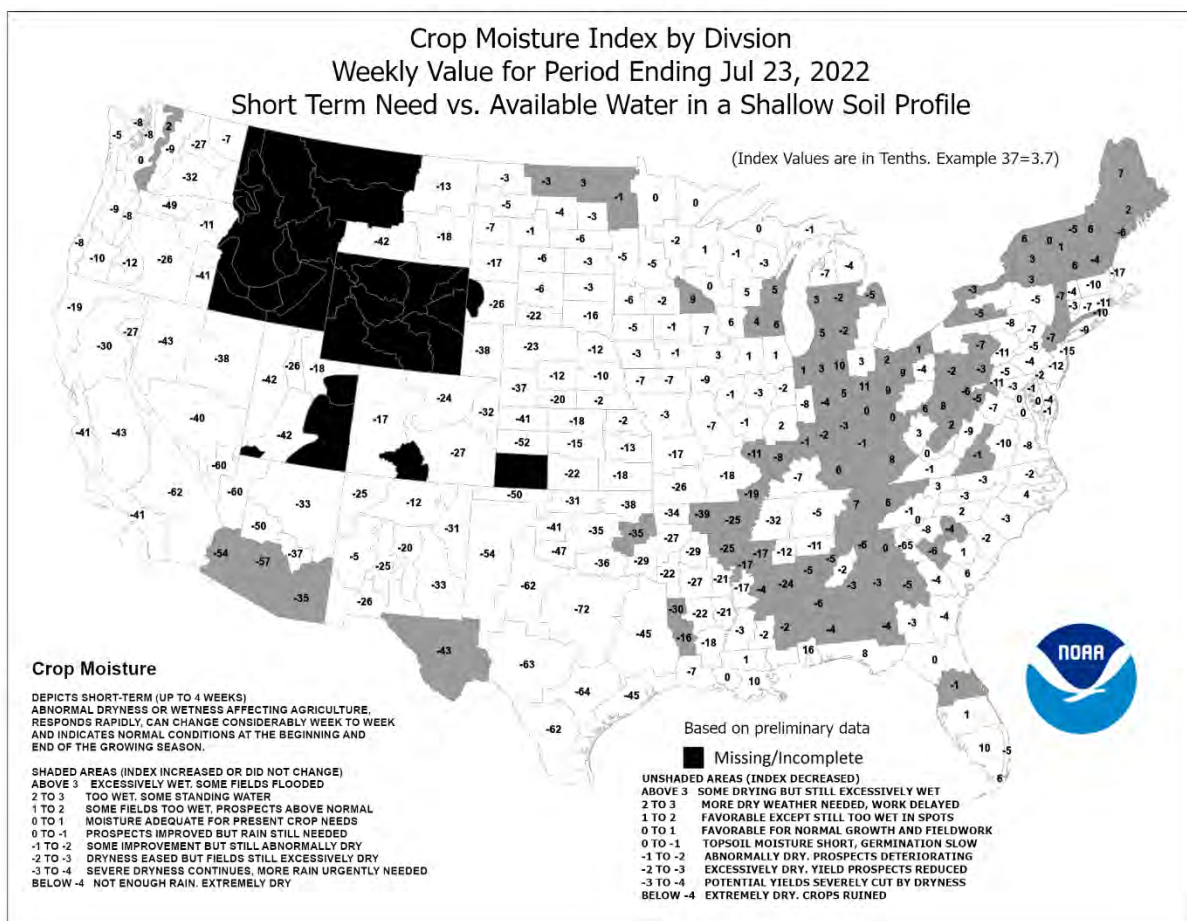
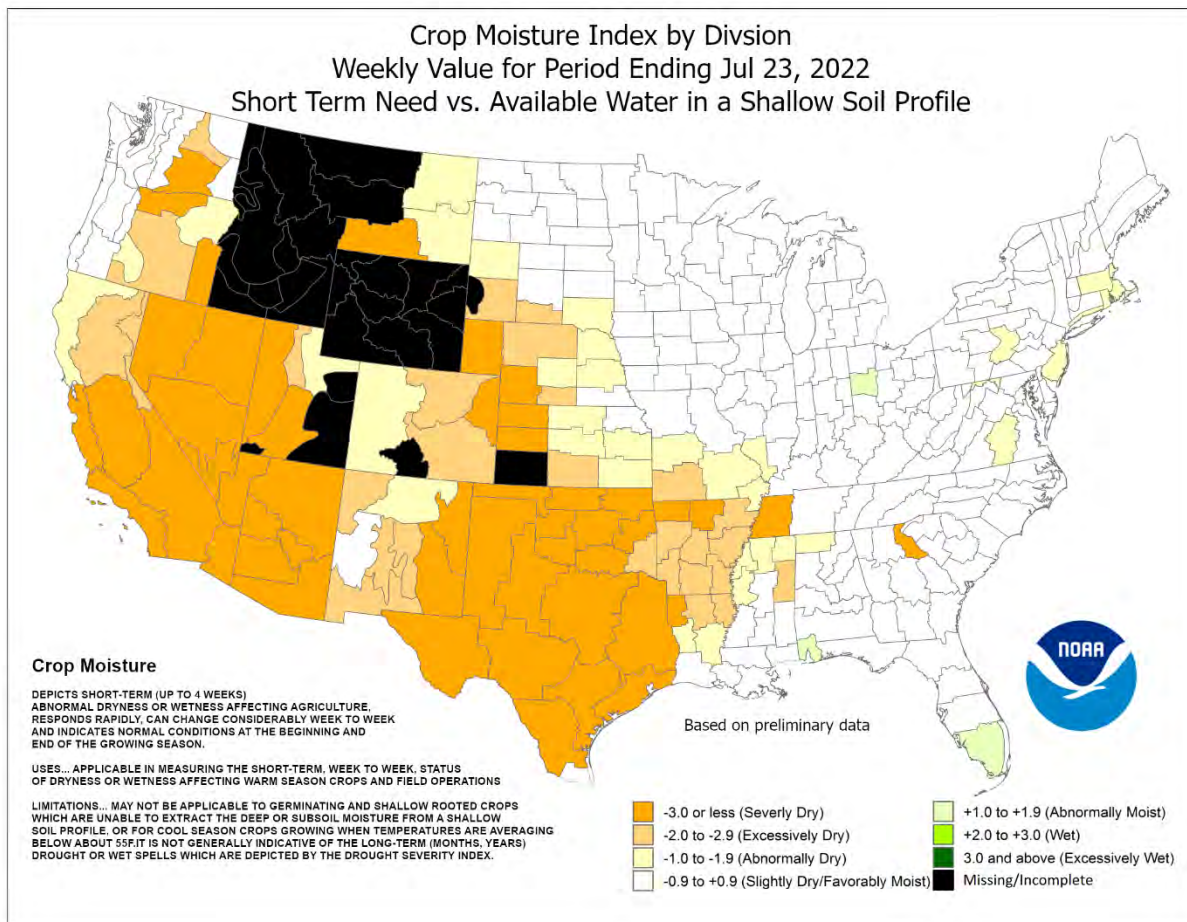
*Highlights provided by USDA/WAOB*

**H**ot, mostly dry weather dominated the **nation's mid-section**, increasing stress on rangeland, pastures, and a variety of summer crops, including cotton and sorghum. Consistent with other periods of extreme heat earlier this growing season, some of the most serious agricultural impacts were focused across the **central and southern Plains**, extending toward the **Mississippi Delta**. In fact, hotter-than-normal weather dominated the country, with record-setting temperatures briefly returning across the **Southwest** and migrating into the **Northeast**. Near-

*(Continued on page 5)*

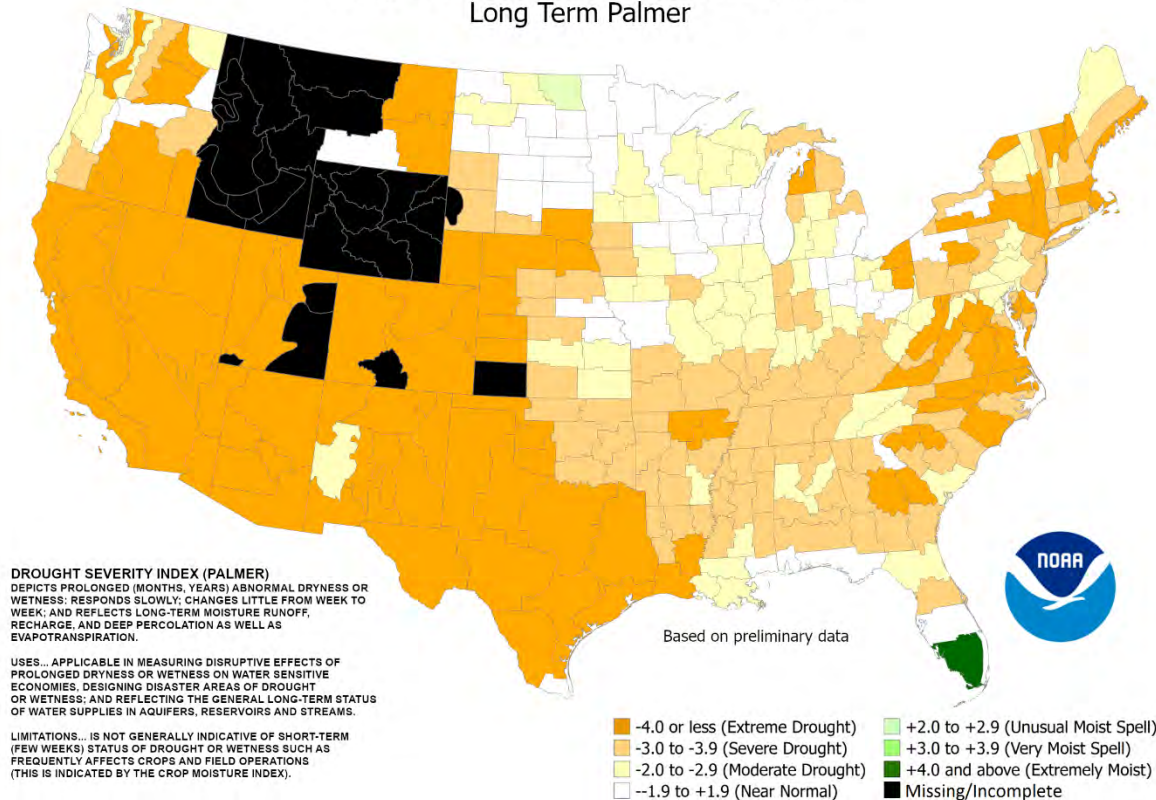
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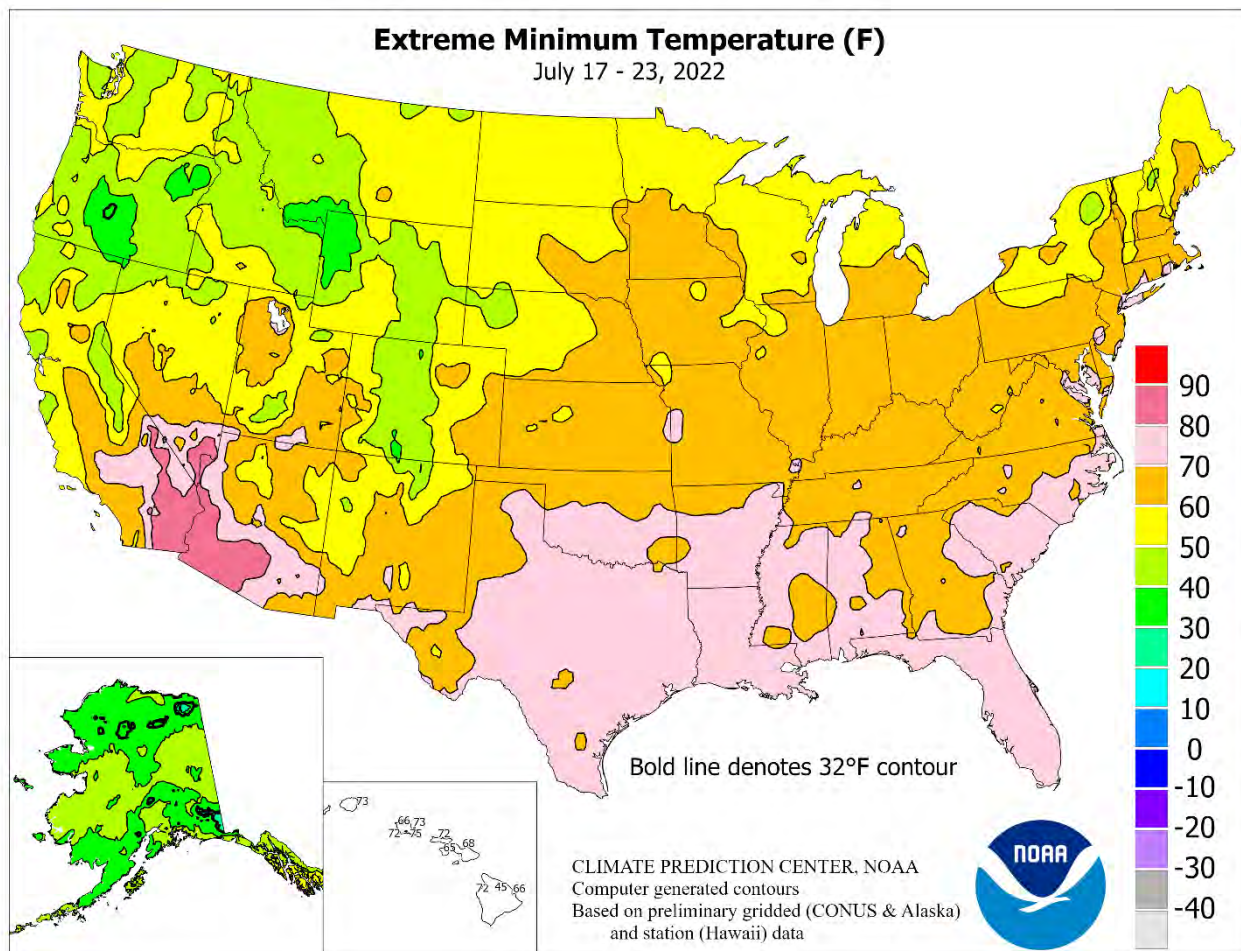
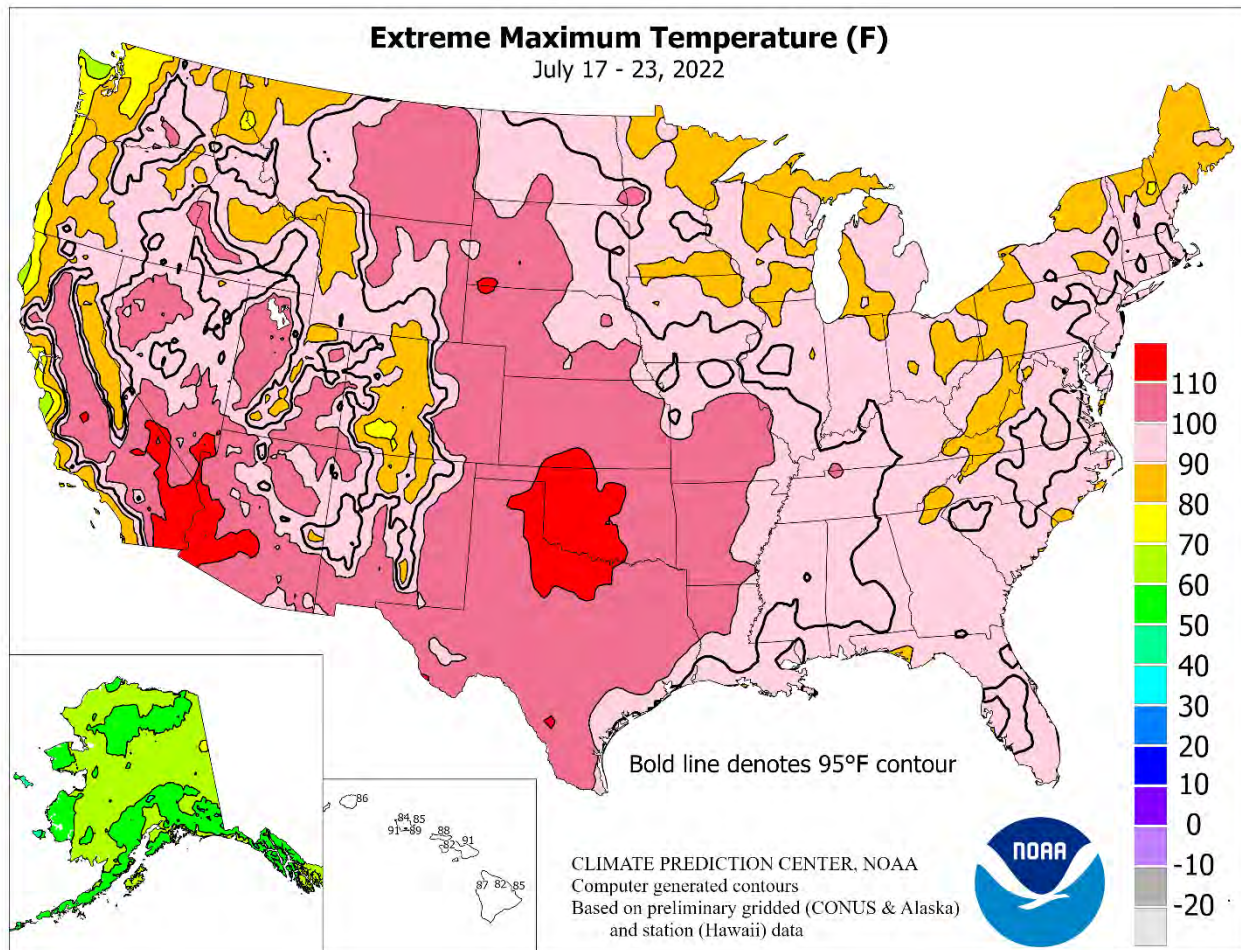
### Drought Severity Index by Division Weekly Value for Period Ending Jul 23, 2022 Long Term Palmer



### Drought Severity Index by Division Weekly Value for Period Ending Jul 23, 2022 Long Term Palmer







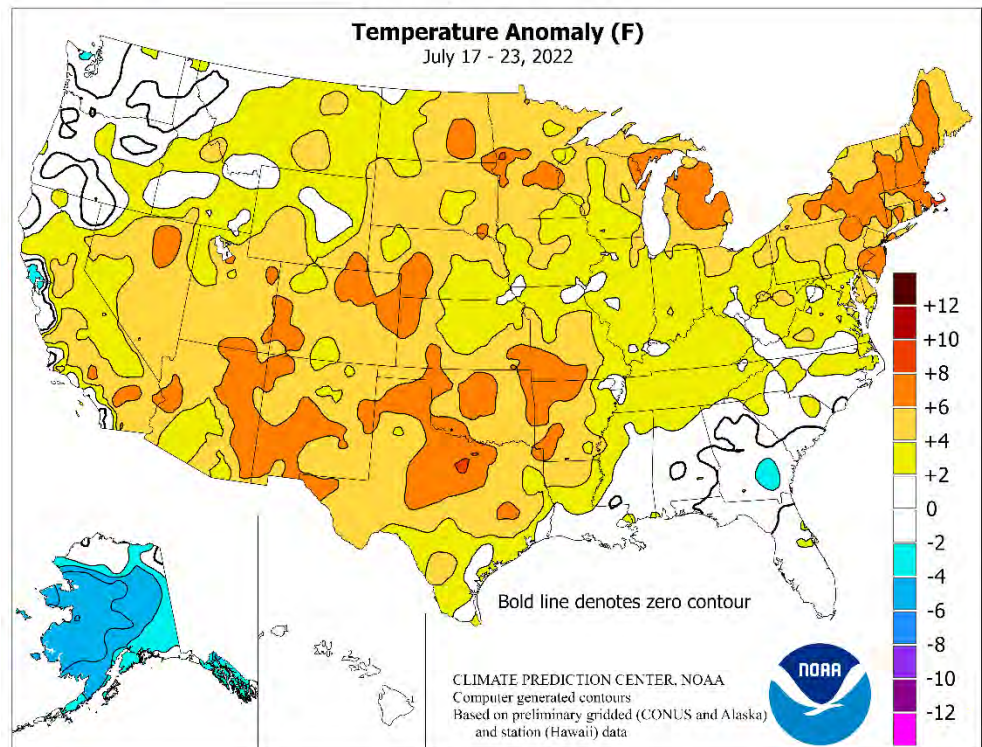


(Continued from front cover)

normal weekly temperatures were limited to just a few regions, including parts of the **Northwest** and **Southeast**. Meanwhile, widespread, meaningful rainfall was scarce across the **western and central U.S.**, with significant totals largely limited to the **eastern one-third of the country**. However, timely rain fell in much of the **eastern Corn Belt**, with beneficial showers extending into the **Southeast**. Elsewhere, a lull in the monsoon circulation accompanied the **Southwestern** heat, while several wildfires flared amid hot, dry conditions from **California to the northern Rockies**. Weekly temperatures averaged more than 5°F above normal in many locations from the **Four Corners region to the central and southern Plains and the mid-South**. A second area of anomalous heat (temperatures also more than 5°F above normal) stretched from portions of the **Great Lakes region to the northern Atlantic Coast**.

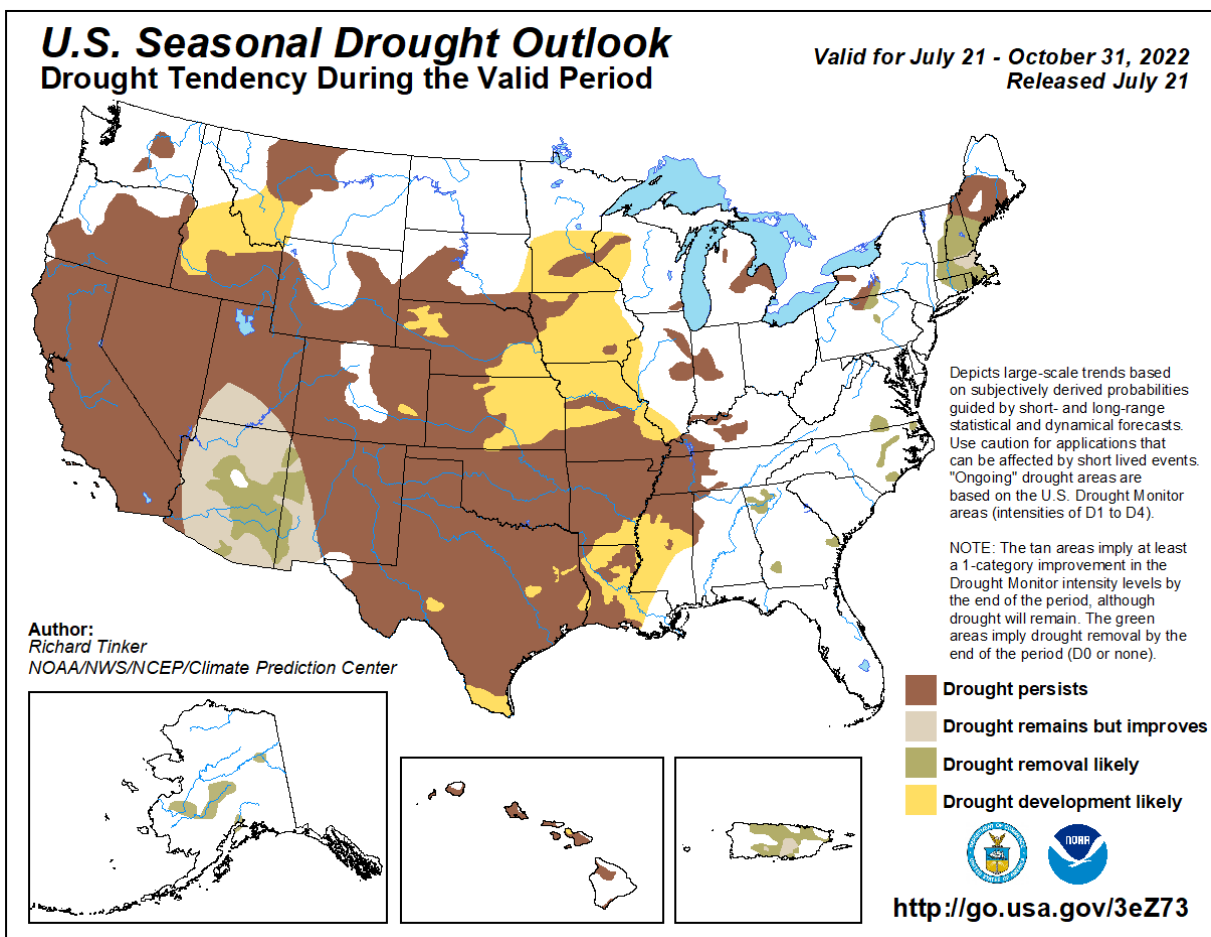
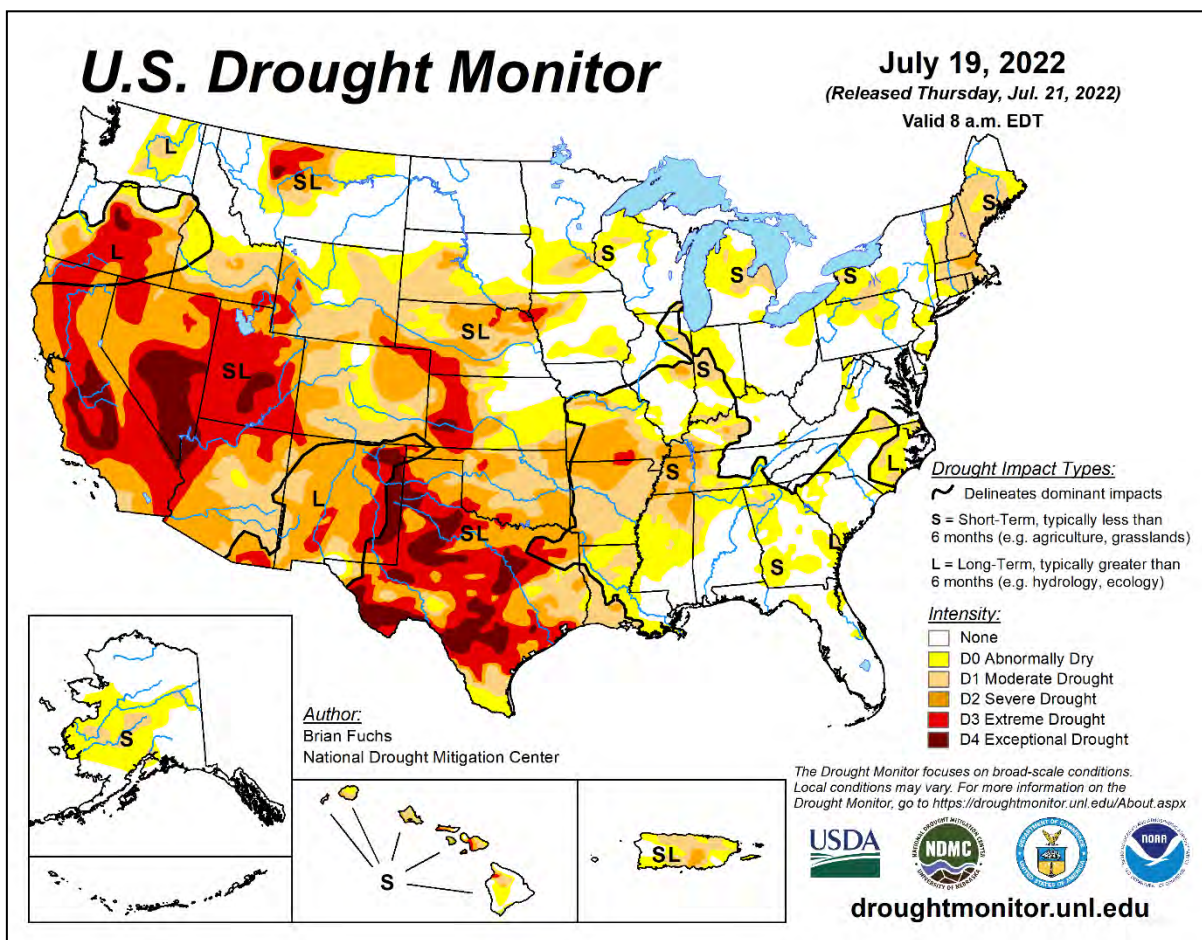
Record-shattering heat gripped the **nation's mid-section**, with the most extreme conditions focused across the **central and southern Plains**. The **Plains'** heat peaked early in the week and again toward week's end. At times, temperatures soared in the **Southwest**, while late-week heat spread into parts of the **East**. However, much of the **northern and eastern Corn Belt** avoided stressful heat for reproductive to filling summer crops, as temperatures generally remained below 95°F. **Salt Lake City, UT**, tied an all-time station record with a high of 107°F on July 17. Meanwhile, **Wichita Falls, TX**, reported highs of 110°F or greater each day from July 17-20, including a reading of 115°F on the 19th. **Wichita Falls'** 115-degree temperature marked the highest reading in that location since June 28, 1980, when it was 117°F. With a reading of 114°F on July 19, **Lawton, OK**, tied for its second-highest temperature on record, behind only 115°F on August 11, 1936. Farther north, **Chadron, NE** (111°F on July 18), reported its highest temperature since August 1926. In many of the hottest areas, there was little night-time relief. For example, records for all-time highest minimum temperature were tied in locations such as **Dallas-Fort Worth, TX** (86°F on July 18), and **Texarkana, AR** (83°F on July 18, 19, and 20). Between June 12 and July 23, **Galveston, TX**, reported 17 days with a minimum temperature of 85°F or greater, breaking its annual record of 13 such days in 2019 and 2020. From 1874 to 1993, **Galveston** experienced a single day (June 24, 1881), with a low temperature of 85°F or above. Daily-record high temperatures were observed far beyond the persistently hot areas. In **Montana**, for example, record-setting highs for July 17 included 108°F in **Glasgow** and 106°F in **Miles City**. In **Colorado**, **Pueblo** posted daily-record highs of 105 and 108°F, respectively, on July 18 and 23. **Pueblo's** only higher reading, 109°F, occurred on July 13, 2003. Amid competition from long-ago heat waves, including 1936, daily-record highs for July 19 were not broken in locations such as **Childress, TX** (113°F), and **Tulsa, OK** (108°F). Still, **Columbia, MO**, reported four consecutive triple-digit readings (100, 104, 105, and 100°F) from July 21-24, including the highest temperature in that location since July 31, 2012. **Texarkana, AR**, notched highs of 95°F or greater each day from July 4-23 (and continuing), with the temperature peaking at 105°F or higher on July 8-9 and 17-20. In addition, **Texarkana** received no measurable rain in July until 0.12 inch fell on the 21st. Meanwhile in **Arizona**, consecutive daily-record highs were set on July 21-22 in locations such as **Page** (107 and 106°F, respectively) and **Winslow** (104°F both days). At week's end, heat reached the **Northeast**, where record-setting highs for July 23 rose to 97°F in **Albany, NY**, and **Providence, RI**.

As the week began, heavy showers peppered the **Southeast** and **lower Midwest**. Record-setting rainfall totals for July 17 included 2.64 inches

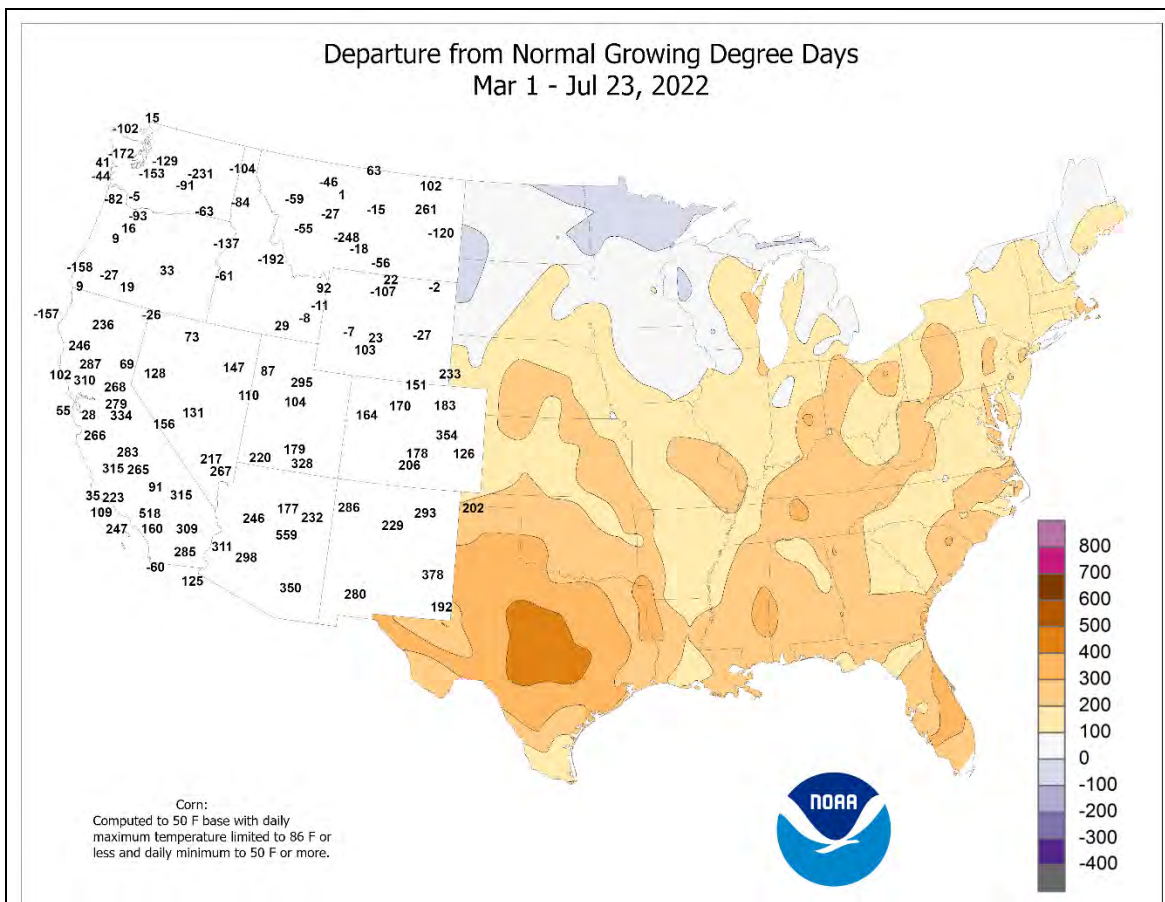
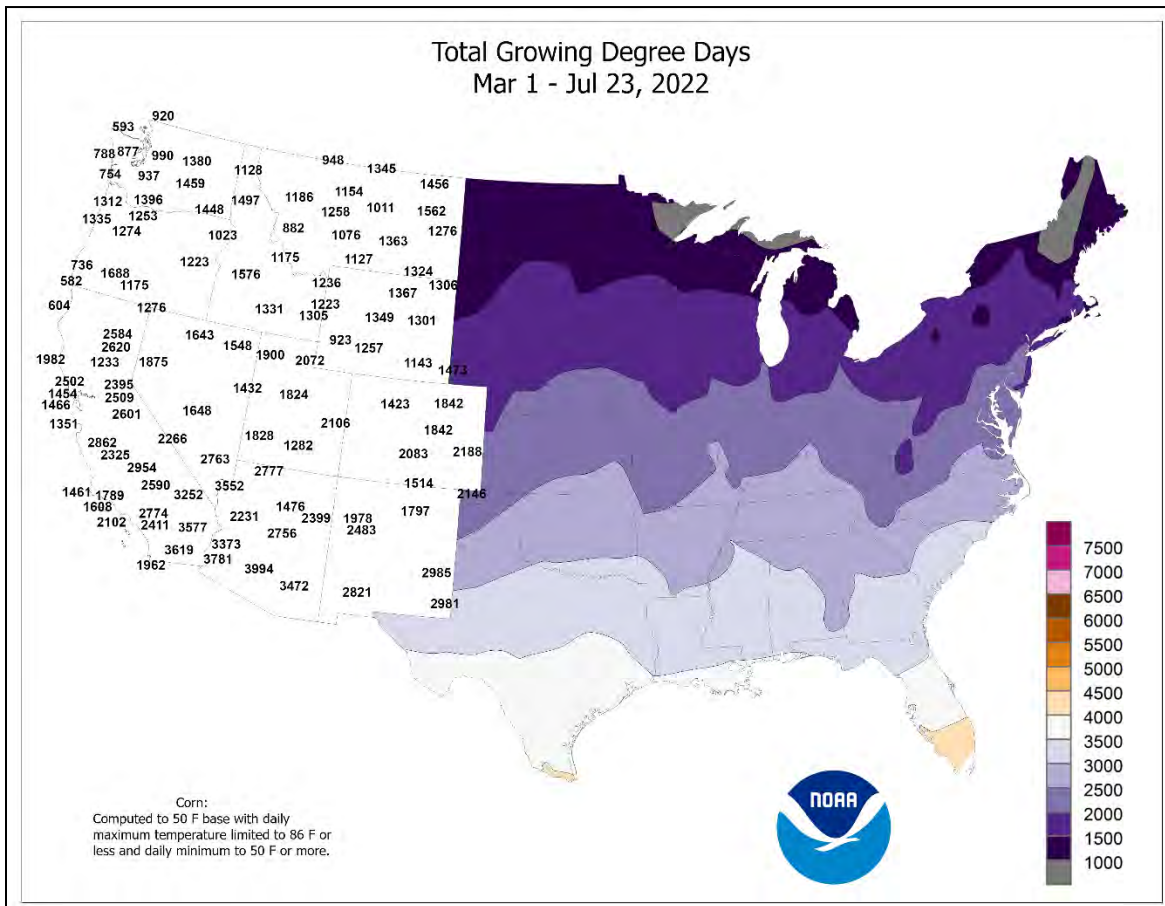


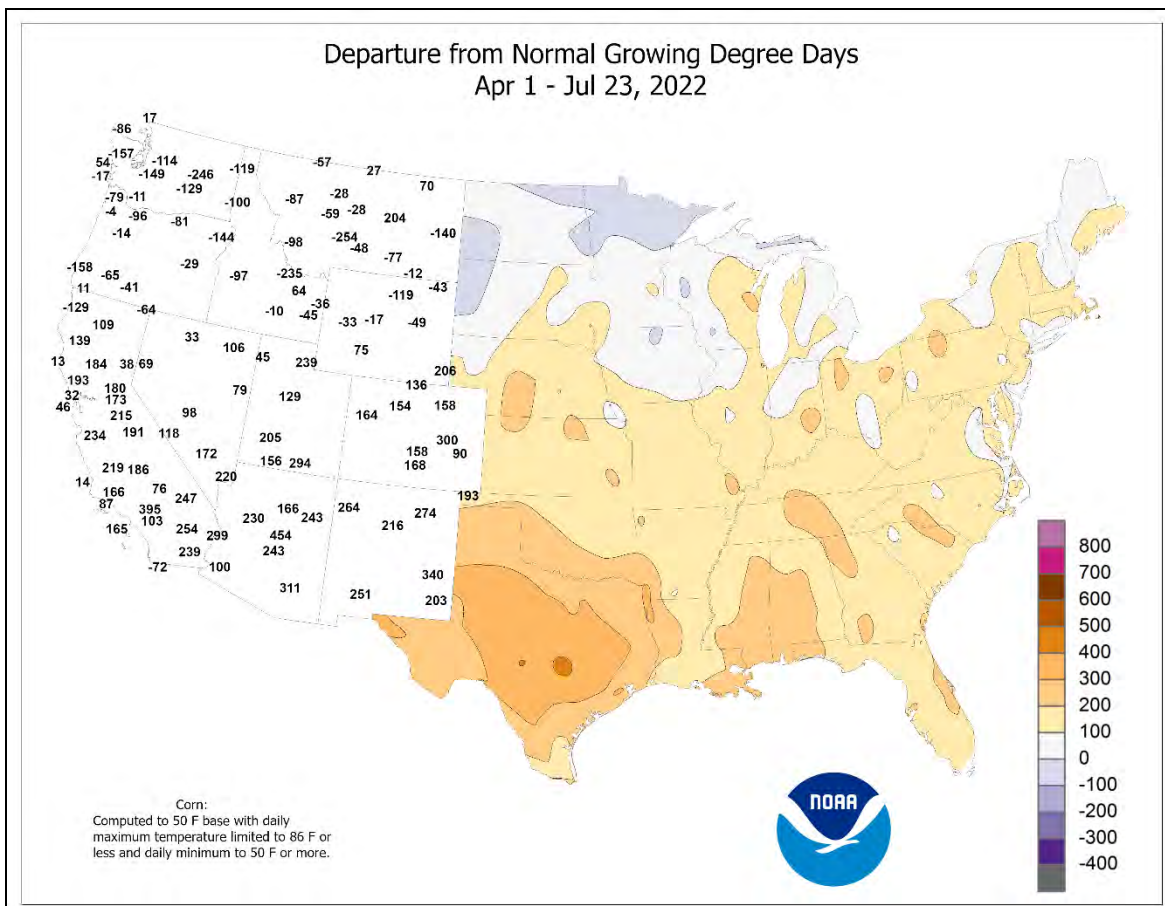
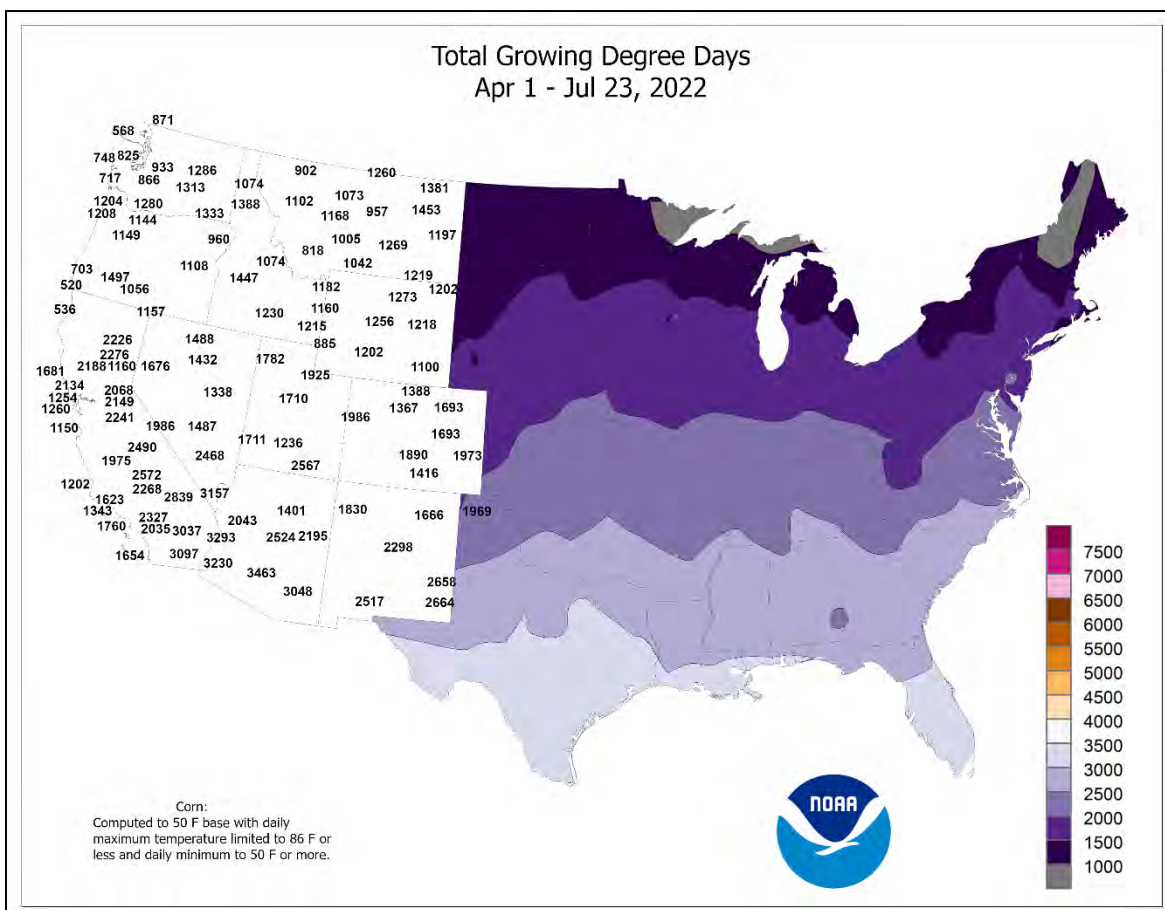
in **Dayton, OH**, and 1.49 inches in **Evansville, IN**. On the same date in **Florida**, daily-record totals reached 2.64 inches in **Daytona Beach** and 2.59 inches in **Sanford**. By July 18, showers swept into the **Northeast**, resulting in daily-record amounts in **Allentown, PA** (1.52 inches), and **Bangor, ME** (1.19 inches). Rain in **Maine** lingered into July 19, when **Caribou** netted 1.50 inches—a record-setting amount for the date. Meanwhile in the **Southwest**, monsoon-related showers produced daily-record totals for July 18 in **Las Vegas, NV** (0.17 inch), and **Anaheim, CA** (0.02 inch). Some thunderstorms became severe; in **Montana**, for example, peak wind gusts on July 18 were clocked to 77 mph in **Cut Bank** and 74 mph in **Great Falls**. During the second half of the week, thunderstorms were commonly observed in the **North** and **Southeast**. Daily-record totals for July 21 reached 2.38 inches in **Meridian, MS**, and 1.29 inches in **Anniston, AL**. In the **Carolinas**, record-setting totals for the 22nd included 2.93 inches in **North Myrtle Beach, SC**, and 2.36 inches in **Fayetteville, NC**. Across the **North** on July 23, daily-record rainfall totaled 3.09 inches in **Rochester, MN**; 1.53 inches in **South Bend, IN**; and 1.41 inches in **Grand Forks, ND**. On the same date, thunderstorm-related wind gusts reached 76 mph in **Tekamah, NE**; 66 mph in **Lamar, CO**; and 59 mph in **Mason City, IA**.

For the second week in a row, widespread showers and cooler-than-normal conditions covered much of **Alaska**, with temperatures averaging at least 5°F below normal at some interior and western locations. **King Salmon** noted a daily-record low of 35°F on July 23, following rainfall totaling more than an inch during the preceding 5 days. Daily totals approaching an inch included 0.96 inch (on July 22) in **Delta Junction** and 0.93 inch (on July 23) in **Kodiak**. On July 20, **Nome** received a daily-record rainfall of 1.07 inches—the wettest day in that location since July 28, 2021. In the 10-day period from July 13-22, rainfall in **Anchorage** totaled 3.80 inches, aided by a daily-record sum of 1.34 inches on the 19th. **Alaska's** cool, damp weather favored containment efforts for dozens of wildfires. Farther south, mostly dry weather dominated **Hawaii**, except on some windward slopes. Early in the week, however, lingering heavy surf and high waves were attributable to former Hurricane Darby, which passed south of the **Big Island** while dissipating. Through July 23, month-to-date rainfall at the state's major airport observation sites ranged from 0.07 inch (18 percent of normal) in **Kahului, Maui**, to 4.80 inches (73 percent) in **Hilo**, on the **Big Island**.











## National Weather Data for Selected Cities

## Weather Data for the Week Ending July 23, 2022

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	60	51	66	48	56	-4	2.26	1.82	1.27	3.92	174	8.96	161	95	66	0	0	6	2
	BARROW	46	36	57	34	41	0	0.02	-0.21	0.01	0.58	54	6.75	354	94	73	0	0	2	0
	FAIRBANKS	66	51	70	46	59	-3	0.18	-0.34	0.15	0.91	30	3.06	58	86	48	0	0	3	0
	JUNEAU	56	52	58	51	54	-3	1.89	0.78	0.58	6.43	98	40.50	155	95	84	0	0	7	1
	KODIAK	60	50	68	43	55	0	0.98	-0.13	0.76	6.48	67	40.61	98	89	62	0	0	2	1
AL	NOME	51	42	61	36	46	-6	2.34	1.82	1.11	3.51	146	6.21	93	92	70	0	0	6	1
	BIRMINGHAM	92	74	94	72	83	1	2.39	1.30	1.46	9.43	117	34.10	106	88	53	6	0	3	2
	HUNTSVILLE	93	74	98	72	83	3	0.37	-0.51	0.30	3.17	42	34.50	108	94	52	6	0	3	0
	MOBILE	92	75	93	73	84	2	1.15	-0.48	0.82	10.69	93	34.39	89	91	53	7	0	3	1
	MONTGOMERY	95	73	98	71	84	2	2.01	0.82	1.65	6.17	76	31.04	98	93	49	7	0	4	1
AR	FORT SMITH	103	76	108	73	90	7	0.11	-0.57	0.09	9.37	138	31.63	122	85	30	7	0	3	0
	LITTLE ROCK	99	77	101	73	88	5	0.64	-0.07	0.64	4.91	80	30.83	109	83	39	7	0	1	1
AZ	FLAGSTAFF	87	59	89	57	73	6	0.81	0.11	0.45	2.37	112	5.38	52	81	25	0	0	4	0
	PHOENIX	110	87	114	81	99	4	0.04	-0.24	0.03	0.35	48	0.91	22	45	18	7	0	2	0
CA	PRESCOTT	96	68	98	65	82	6	0.17	-0.38	0.09	0.95	52	2.40	37	65	23	7	0	4	0
	TUCSON	106	81	107	78	93	6	0.18	-0.43	0.18	0.44	25	1.11	22	56	22	7	0	1	0
	BAKERSFIELD	104	77	108	71	91	6	0.00	0.00	0.00	0.01	12	1.85	41	40	11	7	0	0	0
	EUREKA	61	51	64	47	56	-2	0.00	-0.04	0.00	3.14	336	14.04	59	97	90	0	0	0	0
	FRESNO	105	75	109	70	90	6	0.00	0.00	0.00	0.00	0	1.04	13	37	11	7	0	0	0
CO	LOS ANGELES	77	65	80	64	71	2	0.00	-0.01	0.00	0.01	10	1.47	16	88	61	0	0	0	0
	REDDING	105	67	107	66	86	3	0.00	-0.02	0.00	0.84	106	4.89	23	42	6	7	0	0	0
	SACRAMENTO	98	62	102	57	80	4	0.00	0.00	0.00	0.09	37	2.19	18	69	15	7	0	0	0
	SAN DIEGO	76	66	79	63	71	1	0.00	-0.01	0.00	0.00	0	2.48	34	89	64	0	0	0	0
	SAN FRANCISCO	67	55	70	54	61	-3	0.00	0.00	0.00	0.03	24	1.80	13	87	58	0	0	0	0
CT	STOCKTON	101	65	104	61	83	6	0.00	0.00	0.00	0.06	62	1.60	17	56	13	7	0	0	0
	ALAMOSA	89	49	91	47	69	4	0.01	-0.22	0.01	1.53	125	4.25	120	87	20	2	0	1	0
	CO SPRINGS	94	62	100	59	78	7	0.77	0.05	0.58	2.28	51	5.76	59	72	19	7	0	5	1
	DENVER INTL	98	67	100	62	82	8	0.10	-0.46	0.08	1.27	36	6.48	71	62	14	7	0	2	0
	GRAND JUNCTION	101	72	103	68	86	8	0.00	-0.14	0.00	0.97	108	2.77	57	41	12	7	0	0	0
DC	PUEBLO	102	63	108	59	83	6	0.17	-0.35	0.11	1.09	38	6.39	85	79	15	7	0	2	0
	BRIDGEPORT	88	73	94	71	80	6	1.78	0.98	1.78	4.02	66	17.77	74	90	53	4	0	1	1
DE	HARTFORD	92	71	97	70	81	7	0.61	-0.37	0.61	4.59	62	22.09	88	89	43	5	0	1	1
	WASHINGTON	92	76	96	72	84	4	0.09	-0.72	0.08	9.52	145	26.95	120	81	46	6	0	2	0
FL	WILMINGTON	92	73	95	69	82	5	0.57	-0.48	0.57	8.02	109	24.39	100	91	47	6	0	1	1
	DAYTONA BEACH	92	75	94	74	83	2	2.26	1.02	0.66	6.99	69	19.75	78	94	55	6	0	5	3
	JACKSONVILLE	92	72	94	70	82	-1	3.32	1.79	1.35	8.41	74	29.54	110	100	58	7	0	5	2
	KEY WEST	90	74	91	25	82	-3	0.24	-0.54	0.12	6.96	103	14.70	84	83	15	4	1	2	0
	MIAMI	91	80	91	78	85	1	0.07	-1.20	0.05	18.01	123	36.50	122	85	59	7	0	3	0
GA	ORLANDO	95	74	97	73	85	2	3.23	1.60	1.87	8.94	69	23.65	86	95	48	7	0	3	2
	PENSACOLA	91	78	93	75	84	2	0.74	-0.95	0.50	15.48	128	37.11	102	91	63	5	0	2	1
	TALLAHASSEE	89	73	92	71	81	-1	5.31	3.71	2.12	19.98	154	39.75	114	99	64	3	0	6	4
	TAMPA	93	80	95	77	86	3	4.13	2.62	1.69	18.51	154	31.52	130	84	56	7	0	4	3
	WEST PALM BEACH	92	78	93	77	85	2	0.25	-0.93	0.10	9.99	79	25.13	80	88	56	7	0	4	0
HI	ATHENS	87	71	93	70	79	-2	1.39	0.37	1.02	6.75	89	24.42	91	96	63	2	0	4	1
	ATLANTA	89	72	93	69	80	0	0.96	-0.23	0.58	9.15	114	30.46	106	91	54	5	0	4	1
	AUGUSTA	92	72	95	69	82	0	0.07	-0.92	0.06	13.74	173	31.29	123	97	52	6	0	2	0
	COLUMBUS	92	73	94	70	82	0	0.98	-0.07	0.58	3.78	51	27.62	99	95	52	7	0	4	1
	MACON	92	73	94	70	82	0	0.35	-0.78	0.23	11.00	141	28.60	107	96	56	6	0	3	0
IA	SAVANNAH	91	73	94	71	82	-1	0.82	-0.46	0.33	10.02	100	18.61	71	96	57	5	0	6	0
	HILO	82	69	85	66	75	-1	1.52	-1.03	0.99	12.13	79	52.19	77	97	64	0	0	7	1
	HONOLULU	87	76	89	75	82	0	0.04	-0.09	0.04	0.26	38	9.02	109	75	50	0	0	1	0
	KAHULUI	89	72	91	68	80	1	0.02	-0.11	0.02	0.09	14	0.74	7	81	45	3	0	1	0
	LIHUE	85	75	86	73	80	1	0.22	-0.22	0.13	1.15	39	16.82	89	84	60	0	0	4	0
ID	BURLINGTON	89	66	95	59	77	0	0.04	-0.91	0.04	4.72	61	15.31	69	94	49	2	0	1	0
	CEDAR RAPIDS	88	64	93	59	76	3	0.02	-0.96	0.02	5.29	63	13.33	67	94	48	1	0	1	0
	DES MOINES	93	70	99	66	81	5	0.09	-0.89	0.07	5.32	63	17.93	83	88	38	5	0	2	0
	DUBUQUE	86	64	90	58	75	3	0.16	-0.81	0.16	7.01	91	17.23	84	93	58	1	0	1	0
	SIOUX CITY	92	66	95	63	79	5	0.08	-0.69	0.08	2.35	36	7.93	48	90	40	7	0	1	0
IL	WATERLOO	90	66	92	60	78	4	0.06	-1.02	0.06	8.69	99	20.93	99	88	46	4	0	1	0
	BOISE	97	63	101	58	80	3	0.00	-0.07	0.00	1.00	101	5.82	80	38	7	6	0	0	0
	LEWISTON	92	60	99	57	76	0	0.00	-0.13	0.00	3.28	182	9.47	121	58	18	5	0	0	0
	POCATELLO	95	56	99	51	76	5	0.00	-0.15	0.00	0.66	45	6.51	88	60	13	7	0	0	0
	CHICAGO/O_HARE	87	70	92	68	79	5	1.80	0.95	1.77	6.23	103	21.85	114	83	47	3	0	2	1
IN	MOLINE	90	67	96	62	79	3	0.03	-0.90	0.03	7.18	91	19.33	89	91	51	3	0	1	0
	PEORIA	91	69	98	64	80	4	0.04	-0.82	0.04	3.87	60	16.18	78	92	47	5	0	1	0
	ROCKFORD	87	66	91	60	77	3	0.04	-0.82	0.04	6.33	84	17.66	88	90	53	1	0	1	0
	SPRINGFIELD	88	67	94	63	78	2	0.34	-0.56	0.34	8.33	111	18.86	87	91	53	3	0	1	0
	EVANSVILLE	91	72	95	70	82	3	1.55	0.68	1.47	3.78	55	26.95	99	94	52	5	0	2	1
KS	FORT WAYNE	85	67	89	64	76	3	1.27	0.31											

## Weather Data for the Week Ending July 23, 2022

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	101	73	107	66	87	6	0.01	-0.65	0.01	4.00	51	22.62	115	77	27	7	0	1	0		
	LEXINGTON	89	71	94	68	80	4	1.39	0.28	0.69	5.30	66	29.65	109	90	53	4	0	3	2		
	LOUISVILLE	93	74	98	72	83	4	1.20	0.21	0.77	4.72	68	23.97	89	88	45	5	0	2	1		
LA	PADUCAH	91	71	96	68	81	2	1.14	0.15	1.14	3.96	53	31.41	109	93	54	5	0	1	1		
	BATON ROUGE	93	76	96	71	84	1	0.16	-1.17	0.16	7.04	65	21.88	67	94	58	6	0	1	0		
	LAKE CHARLES	92	77	94	72	84	1	0.34	-0.84	0.34	7.65	68	16.86	52	92	56	6	0	1	0		
MA	NEW ORLEANS	93	77	95	74	85	2	1.30	0.06	0.65	8.28	65	29.93	81	94	57	7	0	4	1		
	SHREVEPORT	98	78	105	71	88	5	1.01	0.29	1.01	4.44	54	23.54	77	81	42	6	0	1	1		
	BOSTON	91	72	94	67	81	7	0.17	-0.65	0.17	2.49	40	15.48	63	85	44	5	0	1	0		
MD	WORCESTER	86	69	89	66	77	7	0.93	-0.09	0.93	6.36	87	24.64	93	90	51	0	0	1	1		
	BALTIMORE	93	74	98	70	83	6	0.37	-0.57	0.37	8.87	137	27.44	117	86	43	6	0	1	0		
	CARIBOU	84	59	87	56	72	6	1.67	0.78	1.22	8.14	124	24.28	122	93	43	0	0	3	1		
MI	PORTLAND	88	65	93	62	77	7	0.22	-0.61	0.22	3.48	53	18.77	73	91	45	3	0	1	0		
	ALPENA	89	62	94	57	75	8	0.33	-0.35	0.33	4.92	101	18.03	122	91	39	4	0	1	0		
	GRAND RAPIDS	88	68	90	65	78	5	0.75	-0.14	0.63	3.23	49	20.28	101	90	42	3	0	3	1		
MN	HOUGHTON LAKE	88	62	91	53	75	8	0.11	-0.54	0.07	3.41	76	15.43	107	90	40	2	0	3	0		
	LANSING	89	68	92	64	79	7	0.28	-0.34	0.28	2.69	48	19.96	117	87	42	6	0	1	0		
	MUSKEGON	86	69	87	64	77	6	0.99	0.46	0.94	4.41	104	17.68	107	87	48	0	0	3	1		
MO	TRAVERSE CITY	91	66	96	58	79	9	0.20	-0.48	0.13	3.07	57	12.24	72	85	33	5	0	2	0		
	DULUTH	83	62	90	60	73	6	0.30	-0.50	0.24	6.48	90	18.19	112	90	48	1	0	3	0		
	INT'L FALLS	81	59	88	55	70	5	1.76	1.00	1.07	6.24	91	23.01	172	95	54	0	0	5	1		
MS	MINNEAPOLIS	89	73	95	70	81	7	0.19	-0.69	0.19	2.19	30	13.54	80	75	37	3	0	1	0		
	ROCHESTER	84	64	87	61	74	0	3.20	2.16	3.09	8.63	106	23.02	123	93	51	0	0	3	1		
	ST. CLOUD	88	65	96	61	77	6	0.29	-0.43	0.22	6.16	92	15.51	103	92	38	2	0	2	0		
MT	COLUMBIA	97	70	105	67	84	6	0.24	-0.72	0.24	3.70	47	20.17	82	88	32	6	0	1	0		
	KANSAS CITY	95	70	101	63	82	4	0.20	-0.77	0.20	6.11	70	23.28	103	87	41	6	0	1	0		
	SAINT LOUIS	96	75	105	71	85	5	0.71	-0.22	0.71	3.45	46	22.67	95	80	41	6	0	1	1		
NC	SPRINGFIELD	100	71	103	66	86	7	0.00	-0.78	0.00	2.03	26	24.77	96	82	26	7	0	0	0		
	JACKSON	92	74	95	71	83	2	0.56	-0.53	0.47	8.46	109	34.86	109	94	55	6	0	3	0		
	MERIDIAN	94	73	98	70	83	3	2.87	1.69	2.36	5.84	70	30.03	90	98	48	6	0	3	1		
ND	TUPELO	94	75	98	73	84	3	0.61	-0.20	0.34	3.20	42	29.82	92	90	53	5	0	2	0		
	BILLINGS	95	63	103	62	79	6	0.00	-0.29	0.00	3.44	109	9.69	107	51	14	6	0	0	0		
	BUTTE	87	45	93	39	66	2	0.00	-0.29	0.00	2.85	87	5.66	68	66	10	1	0	0	0		
NE	CUT BANK	82	54	88	47	68	2	0.25	0.01	0.17	5.08	143	6.14	84	80	26	0	0	2	0		
	GLASGOW	95	60	108	57	77	5	0.27	-0.11	0.27	2.73	73	5.92	77	77	19	5	0	1	0		
	GREAT FALLS	92	55	102	48	73	5	0.02	-0.28	0.02	2.92	78	8.10	85	64	11	5	0	1	0		
OH	HAVRE	91	55	100	53	73	3	0.28	-0.06	0.26	4.75	134	6.15	83	81	20	4	0	2	0		
	MISSOULA	91	53	97	48	72	2	0.00	-0.20	0.00	2.03	71	6.22	71	62	13	6	0	0	0		
	ASHEVILLE	88	66	92	64	77	3	0.46	-0.52	0.40	2.85	36	27.00	103	96	45	2	0	5	0		
PA	CHARLOTTE	92	73	95	70	83	4	0.35	-0.49	0.21	3.73	59	21.96	94	95	47	7	0	3	0		
	GREENSBORO	90	70	94	68	80	2	2.05	1.01	1.97	8.18	117	26.83	114	96	51	3	0	2	1		
	HATTERAS	86	77	87	74	82	2	0.47	-0.73	0.40	8.70	114	28.97	100	91	77	0	0	3	0		
SD	RALEIGH	94	73	97	70	83	3	0.82	-0.33	0.65	7.99	114	27.04	113	96	53	6	0	2	1		
	WILMINGTON	90	74	93	72	82	1	2.52	0.70	1.29	12.41	117	23.90	81	93	65	3	0	6	1		
	BISMARCK	92	62	101	54	77	5	0.01	-0.62	0.01	4.93	92	21.77	200	88	36	5	0	1	0		
TX	DICKINSON	89	59	99	52	74	4	0.00	-0.51	0.00	6.24	121	11.37	109	85	36	4	0	0	0		
	FARGO	87	63	94	58	75	3	0.49	-0.08	0.24	4.99	81	14.71	114	92	43	2	0	4	0		
	GRAND FORKS	87	63	94	57	75	6	2.58	1.92	1.78	6.66	113	18.45	157	90	49	2	0	3	2		
UT	JAMESTOWN	90	64	98	58	77	6	0.25	-0.48	0.15	3.95	68	12.74	111	86	38	4	0	4	0		
	GRAND ISLAND	93	68	103	62	81	4	0.16	-0.59	0.12	4.59	66	9.40	55	84	37	6	0	2	0		
	LINCOLN	95	67	102	62	81	3	0.01	-0.71	0.01	6.09	88	15.74	91	84	38	6	0	1	0		
VZ	NORFOLK	95	67	101	62	81	5	0.04	-0.67	0.04	3.47	51	8.96	54	85	32	7	0	1	0		
	NORTH PLATTE	100	65	104	58	82	8	1.06	0.33	1.06	3.52	62	9.00	68	77	22	7	0	1	1		
	OMAHA	94	69	100	65	82	5	0.41	-0.43	0.38	5.52	79	15.20	83	87	39	6	0	2	0		
WY	SCOTTSBLUFF	99	62	108	55	80	6	0.01	-0.41	0.01	0.97	23	6.17	58	72	16	7	0	1	0		
	VALENTINE	99	62	108	55	80	5	0.00	-0.72	0.00	2.08	35	6.96	52	82	18	7	0	0	0		
	CONCORD	90	65	94	59	77	7	0.61	-0.26	0.56	4.41	68	20.07	91	95	43	5	0	2	1		
AZ	ATLANTIC_CITY	94	75	97	71	84	8	0.01	-0.82	0.01	4.16	71	26.42	114	90	42	6	0	1	0		
	NEWARK	96	75	101	70	86	8	0.13	-1.00	0.07	2.73	36	20.85	79	77	34	6	0	2	0		
	ALBUQUERQUE	99	74	102	71	87	8	0.00	-0.37	0.00	2.27	130	3.16	72	41	14	7	0	0	0		
CA	ELY	94	55	97	52	75	6	0.00	-0.16	0.00	0.01	1	1.65	29	66	14	7	0	0	0		
	LAS VEGAS	107	89	110	85	98	5	0.17	0.06	0.17	0.18	47	0.34	13	30	13	7	0	1	0		
	RENO	98	66	100	59	82	6	0.00	-0.05	0.00	0.00	0	0.71	15	40	11	7	0	0	0		
CO	WINNEMUCCA	99	59	103	51	79	5	0.03	-0.04	0.02	0.31	38	2.36	44	52	10	7	0	2	0		
	ALBANY	92	70	97	65	81	9	0.24	-0.72	0.16	2.58	37	25.28	117	88	40	6	0	4	0		
	BINGHAMTON	85	65	90	60	75	6	0.43	-0.39	0.31	7.64	108	23.55	108	92	47	1	0	3	0		
IL	BUFFALO	84	69	90	63	77	5	1.46	0.71	1.11	4.78	80	19.30	92	92	55	1	0	3	1		
	ROCHESTER	88	67	92	58	77	6	0.94	0.20													



## Weather Data for the Week Ending July 23, 2022

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	89	71	95	69	80	6	0.39	-0.36	0.22	7.32	124	28.07	146	81	44	3	0	3	0	
	YOUNGSTOWN	85	66	90	62	76	5	1.04	0.02	0.36	5.05	70	29.51	135	93	54	1	0	5	0	
	OKLAHOMA CITY	102	76	110	71	89	5	0.01	-0.61	0.01	3.30	46	14.31	68	75	28	7	0	1	0	
OR	TULSA	103	76	108	67	89	6	0.60	-0.11	0.59	3.80	52	21.37	89	76	28	7	0	2	1	
	ASTORIA	68	56	74	52	62	2	0.02	-0.17	0.02	4.07	120	41.39	112	91	62	0	0	1	0	
	BURNS	95	51	98	46	73	5	0.00	-0.09	0.00	1.24	112	4.47	67	53	8	7	0	0	0	
PA	EUGENE	85	55	95	51	70	2	0.00	-0.10	0.00	2.64	134	18.71	73	88	35	2	0	0	0	
	MEDFORD	94	60	100	56	77	2	0.00	-0.07	0.00	2.00	223	7.16	73	69	17	6	0	0	0	
	PENDLETON	92	59	99	54	75	2	0.00	-0.07	0.00	2.43	190	10.99	143	56	13	5	0	0	0	
	PORTLAND	83	61	92	56	72	2	0.00	-0.13	0.00	3.22	143	22.87	116	75	38	2	0	0	0	
	SALEM	85	57	94	52	71	3	0.00	-0.09	0.00	2.84	145	24.11	112	82	32	2	0	0	0	
	ALLENTOWN	91	68	95	66	80	6	1.52	0.38	1.49	5.65	70	26.85	108	90	42	5	0	2	1	
	ERIE	85	69	91	67	77	5	1.70	0.87	0.72	4.45	70	21.62	101	87	56	1	0	4	2	
	MIDDLETOWN	90	72	96	69	81	5	1.70	0.61	1.64	6.97	98	25.17	112	80	45	5	0	2	1	
	PHILADELPHIA	95	77	98	72	86	7	0.02	-0.99	0.02	6.45	97	21.25	91	86	39	6	0	1	0	
	PITTSBURGH	84	67	89	65	76	3	1.69	0.86	1.17	6.02	83	23.02	103	91	55	0	0	4	1	
RI	WILKES-BARRE	92	68	97	64	80	8	0.44	-0.42	0.39	3.94	58	21.91	106	89	38	5	0	2	0	
	WILLIAMSPORT	92	67	97	63	80	6	0.59	-0.44	0.54	3.36	47	19.35	88	92	38	5	0	3	1	
	PROVIDENCE	92	71	97	69	82	8	0.17	-0.57	0.17	5.36	89	22.54	86	91	44	5	0	1	0	
SC	CHARLESTON	90	72	92	72	81	-1	2.09	0.61	1.18	15.41	146	25.79	96	97	63	5	0	6	1	
	COLUMBIA	91	74	94	73	83	1	0.30	-0.95	0.26	7.52	87	23.95	95	94	55	6	0	2	0	
SD	FLORENCE	95	76	97	72	85	4	0.05	-1.20	0.02	7.64	90	23.03	97	84	51	7	0	3	0	
	GREENVILLE	92	73	96	71	82	2	1.34	0.19	0.91	7.39	101	31.50	118	93	48	6	0	2	1	
	ABERDEEN	90	64	96	55	77	5	0.70	0.05	0.55	4.58	76	15.27	116	92	41	4	0	2	1	
TN	HURON	90	65	96	58	77	3	0.00	-0.68	0.00	4.21	69	12.77	91	86	40	3	0	0	0	
	RAPID CITY	96	60	105	53	78	4	0.00	-0.44	0.00	5.06	131	9.94	93	77	19	5	0	0	0	
	SIOUX FALLS	92	69	94	65	80	7	0.16	-0.52	0.16	3.96	63	11.62	74	82	40	6	0	1	0	
TX	BRISTOL	89	68	93	65	79	4	0.63	-0.44	0.46	4.08	55	26.12	105	94	48	3	0	3	0	
	CHATTANOOGA	92	73	95	70	83	3	1.85	0.70	0.71	5.78	74	32.19	105	91	52	5	0	4	1	
	KNOXVILLE	90	72	93	69	81	2	0.91	-0.29	0.52	6.38	83	32.40	111	94	54	5	0	3	1	
UT	MEMPHIS	97	76	100	71	87	4	1.50	0.40	1.49	2.78	39	29.07	92	85	48	7	0	2	1	
	NASHVILLE	94	75	99	72	84	5	0.50	-0.30	0.49	6.57	95	33.77	119	81	43	6	0	2	0	
	ABILENE	104	80	110	78	92	9	0.00	-0.39	0.00	0.85	17	4.58	32	54	20	7	0	0	0	
	AMARILLO	100	72	108	68	86	7	0.41	-0.26	0.37	3.67	70	7.04	60	65	23	7	0	2	0	
	AUSTIN	105	77	106	76	91	6	0.00	-0.35	0.00	2.26	39	10.71	55	85	24	7	0	0	0	
	BEAUMONT	93	75	95	73	84	1	1.04	-0.17	1.04	13.88	119	22.96	70	96	60	6	0	1	1	
	BROWNSVILLE	97	79	98	75	88	3	0.21	-0.17	0.20	0.34	8	12.99	108	91	48	7	0	2	0	
	CORPUS CHRISTI	95	76	96	73	85	1	0.00	-0.49	0.00	0.81	14	6.93	43	100	53	7	0	0	0	
	DEL RIO	104	79	108	75	91	5	0.00	-0.38	0.00	0.24	6	2.93	26	68	22	7	0	0	0	
	EL PASO	104	79	108	75	91	9	0.00	-0.35	0.00	1.39	69	2.72	68	37	15	7	0	0	0	
VA	FORT WORTH	105	83	109	78	94	8	0.00	-0.41	0.00	2.65	47	15.52	71	62	24	7	0	0	0	
	GALVESTON	93	85	94	83	89	4	0.01	0.00	0.01	6.31	0	15.29	0	76	61	7	0	1	0	
	HOUSTON	99	79	101	75	89	4	0.43	-0.31	0.43	1.47	16	21.20	77	90	38	7	0	1	0	
	LUBBOCK	101	74	107	70	88	7	0.09	-0.30	0.09	0.92	20	4.14	38	51	19	7	0	1	0	
	MIDLAND	100	77	105	73	89	7	0.00	-0.43	0.00	1.72	54	2.21	29	51	19	7	0	0	0	
	SAN ANGELO	104	78	108	76	91	8	0.00	-0.23	0.00	0.74	21	3.29	28	61	19	7	0	0	0	
	SAN ANTONIO	102	78	104	76	90	5	0.00	-0.46	0.00	0.56	8	4.88	26	81	26	7	0	0	0	
	VICTORIA	96	76	96	73	86	2	0.00	-0.89	0.00	4.93	63	10.65	46	98	50	7	0	0	0	
	WACO	105	80	107	79	92	7	0.00	-0.39	0.00	0.87	18	8.76	44	72	25	7	0	0	0	
	WICHITA FALLS	106	79	115	76	92	8	0.04	-0.29	0.03	2.95	55	9.82	58	66	20	7	0	2	0	
WI	SALT LAKE CITY	102	76	107	74	89	9	0.00	-0.16	0.00	0.69	48	5.13	53	44	16	7	0	0	0	
	LYNCHBURG	93	70	96	68	81	6	0.21	-0.78	0.21	5.13	75	23.96	102	92	43	7	0	1	0	
	NORFOLK	92	75	93	71	83	4	0.14	-1.08	0.12	5.63	71	22.18	89	95	53	7	0	2	0	
WV	RICHMOND	95	72	98	67	83	4	0.23	-0.83	0.19	7.09	98	22.63	94	95	45	7	0	2	0	
	ROANOKE	93	71	96	68	82	5	0.85	-0.05	0.58	5.93	87	24.77	105	85	42	6	0	2	1	
	WASH/DULLES	91	70	94	67	80	4	0.41	-0.39	0.14	6.96	104	23.90	102	95	51	6	0	4	0	
WY	BURLINGTON	90	67	93	63	79	8	1.80	0.85	1.13	6.28	93	18.87	99	87	41	6	0	4	1	
	OLYMPIA	77	53	87	50	65	0	0.00	-0.12	0.00	3.12	135	31.78	119	93	47	0	0	0	0	
	QUILLAYUTE	65	54	72	53	60	0	0.01	-0.37	0.01	6.10	121	59.29	110	98	70	0	0	1	0	
WI	SEATTLE-TACOMA	76	57	84	54	67	0	0.02	-0.11	0.02	2.77	129	24.67	126	85	45	0	0	1	0	
	SPOKANE	86	59	92	51	73	2	0.00	-0.12	0.00	2.69	150	9.41	99	59	20	2	0	0	0	
	YAKIMA	92	55	99	51	74	2	0.00	-0.05	0.00	0.88	104	4.06	88	72	18	5	0	0	0	
WY	EAU CLAIRE	88	65	92	61	77	5	0.24	-0.61	0.16	3.91	56	10.18	61	90	42	3	0	3	0	
	GREEN BAY	88	65	92	59	76	7	0.61	-0.17	0.61	6.15	94	17.03	105	84	47	3	0	1	1	
	LA CROSSE	91	68	94	65	79	6	1.11	0.14	1.05	8.63	114	18.77	101	87	43	4	0	2	1	
WY	MADISON	87	66	90	60	77	5	0.31	-0.62	0.31	7.55	97	18.96	97	84	49	1	0	1	0	
	MILWAUKEE	88	70	93	62	79	7	0.94	0.15	0.91	7.64	115	19.89	103	82	46	3	0	2	1	
	BECKLEY	83	64	87	62	73	3	1.09	-0.06	0.55	8.95	116									

## National Agricultural Summary

July 18 – 24, 2022

*Weekly National Agricultural Summary provided by USDA/NASS*

### HIGHLIGHTS

**Most of the West and the nation's mid-section were drier than normal, while parts of the Great Basin, northern Plains, and Southwest recorded at least twice the normal amount of weekly precipitation. In the East, more than twice the normal amount of rain fell in parts of the Great Lakes, lower Mississippi Valley, Ohio Valley, Southeast, Tennessee Valley, and**

**Northeast. In contrast, much of the mid-Atlantic was drier than normal. Meanwhile, most of the Nation was warmer than normal for the week. Portions of Michigan and Texas recorded temperatures 8°F or more above normal. Elsewhere, parts of the Pacific Northwest, northern Rockies, and Southeast were slightly cooler than normal.**

**Corn:** By July 24, sixty-two percent of the nation's corn acreage had reached the silking stage, 14 percentage points behind last year and 8 points behind the 5-year average. On July 24, thirteen percent of the corn acreage was at or beyond the dough stage, 4 percentage points behind last year and 2 points behind average. On that date, sixty-one percent of the nation's corn acreage was rated in good to excellent condition, 3 percentage points below both the previous week and the same time last year. In Iowa, 80 percent of the corn crop was rated in good to excellent condition.

**Soybean:** By July 24, sixty-four percent of the nation's soybean acreage had reached the blooming stage, 10 percentage points behind last year and 5 points behind the 5-year average. Progress was most advanced in the lower Mississippi Valley, with 97 percent blooming in Louisiana, 94 percent in Mississippi, and 87 percent in Arkansas. Nationally, 26 percent of the nation's soybean acreage had begun setting pods, 13 percentage points behind last year and 8 points behind average. On July 24, fifty-nine percent of the nation's soybean acreage was rated in good to excellent condition, 2 percentage points below the previous week but 1 point above the previous year.

**Winter Wheat:** Seventy-seven percent of the 2022 winter wheat acreage had been harvested by July 24, five percentage points behind last year and 3 points behind the 5-year average. During the week, winter wheat harvest advanced 30 percentage points or more in Colorado, Michigan, and South Dakota.

**Cotton:** Eighty percent of the nation's cotton acreage had reached the squaring stage by July 24, three percentage points ahead of last year but equal to the 5-year average. By July 24, forty-eight percent of the nation's cotton had begun setting bolls, 13 percentage points ahead of last year and 10 points ahead of average. On July 24, thirty-four percent of the 2022 cotton acreage was rated in good to excellent condition, 4 percentage points below the previous week and 27 points below the same time last year.

**Sorghum:** By July 24, thirty-five percent of the nation's sorghum acreage had reached the headed stage, 6 percentage points behind last year and 4 points behind the 5-year average. Nineteen percent of the sorghum acreage was at or beyond the coloring stage by July 24, one percentage point behind both last

year and the average. Thirty percent of the sorghum acreage was rated in good to excellent condition on July 24, five percentage points below the previous week and 36 points below the same time last year.

**Rice:** By July 24, thirty-nine percent of the nation's rice acreage had reached the headed stage, 3 percentage points behind the previous year and 5 points behind the 5-year average. On July 24, seventy-five percent of the rice acreage was rated in good to excellent condition, 3 percentage points above the previous week and 2 points above the same time last year.

**Small Grains:** Ninety-four percent of the nation's oat acreage had headed by July 24, six percentage points behind last year and 4 points behind the 5-year average. Twenty-two percent of the oat acreage had been harvested by July 24, seven percentage points behind last year and 3 points behind average. During the week, oat harvest advanced 20 percentage points or more in Iowa, Nebraska, and Ohio. On July 24, fifty-five percent of the nation's oat acreage was rated in good to excellent condition, 2 percentage points below the previous week but 19 points above the same time last year.

Ninety-three percent of the nation's barley acreage had reached the headed stage by July 24, two percentage points behind both last year and the 5-year average. On July 24, fifty-five percent of the nation's barley was rated in good to excellent condition, 4 percentage points below the previous week but 33 percentage points above the same time last year.

By July 24, eighty-six percent of the nation's spring wheat crop had reached the headed stage, 10 percentage points behind both the previous year and the 5-year average. On July 24, sixty-eight percent of the spring wheat was rated in good to excellent condition, 3 percentage points below the previous week but 59 points above the same time last year.

**Other Crops:** By July 24, eighty-two percent of the nation's peanut crop had reached the pegging stage, 2 percentage points ahead of the previous year and 1 point ahead of the 5-year average. On July 24, seventy percent of the peanut acreage was rated in good to excellent condition, 3 percentage points above the previous week but 5 points below the same time last year.



## Crop Progress and Condition

### Week Ending July 24, 2022

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

Corn Percent Silking				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
CO	49	20	38	46
IL	89	60	81	80
IN	79	39	69	69
IA	77	31	66	76
KS	73	47	61	74
KY	81	66	76	81
MI	73	18	52	47
MN	86	18	49	70
MO	77	65	83	84
NE	80	45	68	75
NC	95	77	85	95
ND	48	18	28	44
OH	68	23	55	58
PA	32	12	30	48
SD	62	13	42	56
TN	89	82	92	91
TX	87	77	86	85
WI	64	9	33	47
18 Sts	76	37	62	70
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Dough				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
CO	3	5	10	2
IL	18	6	17	19
IN	17	3	10	11
IA	19	1	8	12
KS	22	9	19	25
KY	22	11	24	27
MI	2	0	8	2
MN	10	2	4	7
MO	34	15	35	34
NE	13	1	8	15
NC	60	43	56	65
ND	0	0	0	1
OH	10	1	8	5
PA	2	0	1	2
SD	9	0	0	8
TN	48	31	49	54
TX	66	62	68	63
WI	4	0	1	3
18 Sts	17	6	13	15
These 18 States planted 92% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	0	14	50	31	5
IL	3	9	17	53	18
IN	5	13	36	41	5
IA	1	3	16	63	17
KS	12	19	30	32	7
KY	7	24	41	26	2
MI	2	5	31	47	15
MN	2	6	29	53	10
MO	7	16	24	43	10
NE	8	10	25	43	14
NC	21	21	28	24	6
ND	0	2	24	58	16
OH	3	9	33	45	10
PA	0	10	26	41	23
SD	2	8	25	52	13
TN	19	19	32	28	2
TX	12	30	34	21	3
WI	1	3	17	55	24
18 Sts	4	10	25	48	13
Prev Wk	3	8	25	51	13
Prev Yr	3	7	26	49	15

Soybeans Percent Blooming				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
AR	86	85	87	87
IL	75	41	55	69
IN	72	45	62	65
IA	84	55	72	76
KS	58	37	50	59
KY	61	45	59	52
LA	95	96	97	95
MI	78	49	70	62
MN	90	46	69	77
MS	80	92	94	87
MO	49	32	49	54
NE	83	55	67	77
NC	52	52	64	48
ND	74	40	66	71
OH	73	48	65	64
SD	69	30	50	65
TN	63	53	69	66
WI	77	46	65	65
18 Sts	74	48	64	69
These 18 States planted 96% of last year's soybean acreage.				

Soybeans Percent Setting Pods				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
AR	65	53	67	66
IL	35	8	20	36
IN	34	13	24	32
IA	51	13	32	36
KS	23	3	11	23
KY	38	16	31	30
LA	81	82	88	84
MI	46	14	32	28
MN	48	10	18	35
MS	57	64	81	66
MO	18	8	17	21
NE	49	14	31	37
NC	27	25	35	26
ND	34	2	11	29
OH	33	11	27	27
SD	26	4	13	26
TN	33	20	37	36
WI	44	5	26	30
18 Sts	39	14	26	34
These 18 States planted 96% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	4	10	24	48	14
IL	3	6	30	46	15
IN	5	12	35	42	6
IA	1	3	21	60	15
KS	4	15	30	45	6
KY	5	25	42	25	3
LA	0	7	24	66	3
MI	1	8	38	40	13
MN	2	4	32	52	10
MS	8	10	32	41	9
MO	6	14	34	40	6
NE	4	9	27	47	13
NC	4	9	36	42	9
ND	0	3	35	52	10
OH	3	9	34	45	9
SD	1	6	29	56	8
TN	12	18	37	31	2
WI	0	3	18	59	20
18 Sts	3	8	30	49	10
Prev Wk	3	7	29	51	10
Prev Yr	3	9	30	47	11

## Crop Progress and Condition

### Week Ending July 24, 2022

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

Cotton Percent Squaring				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
AL	86	86	89	86
AZ	100	99	100	97
AR	94	95	97	98
CA	94	80	85	82
GA	90	85	90	91
KS	81	83	97	71
LA	96	96	97	97
MS	79	83	90	85
MO	99	81	86	82
NC	79	67	76	87
OK	58	55	68	68
SC	84	85	90	81
TN	78	81	84	87
TX	71	68	75	75
VA	81	92	99	86
15 Sts	77	74	80	80
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Setting Bolls				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
AL	39	50	65	52
AZ	82	81	83	71
AR	77	54	79	86
CA	48	20	30	42
GA	46	38	51	55
KS	11	23	40	13
LA	68	70	83	76
MS	46	42	61	54
MO	50	47	58	39
NC	38	19	35	49
OK	17	0	10	22
SC	54	42	64	46
TN	31	35	51	42
TX	28	25	45	29
VA	31	50	61	37
15 Sts	35	31	48	38
These 15 States planted 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	2	28	66	4
AZ	1	1	18	48	32
AR	3	11	22	43	21
CA	0	0	5	90	5
GA	1	4	28	55	12
KS	2	11	52	33	2
LA	0	8	21	69	2
MS	8	5	40	42	5
MO	8	12	27	53	0
NC	3	10	28	56	3
OK	27	28	30	15	0
SC	1	1	29	53	16
TN	22	20	29	28	1
TX	21	19	43	15	2
VA	0	3	10	80	7
15 Sts	15	15	36	29	5
Prev Wk	15	12	35	34	4
Prev Yr	1	7	31	50	11

Sorghum Percent Headed				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
CO	12	0	10	16
KS	21	8	11	19
NE	18	10	20	26
OK	27	20	32	32
SD	32	19	34	28
TX	85	77	84	79
6 Sts	41	29	35	39
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Coloring				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
CO	0	0	1	0
KS	1	0	0	1
NE	0	0	0	1
OK	8	0	5	11
SD	1	0	1	0
TX	63	57	63	63
6 Sts	20	17	19	20
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
CO	0	14	50	25	11
KS	11	16	42	29	2
NE	6	21	34	32	7
OK	6	21	43	30	0
SD	4	9	43	44	0
TX	16	20	42	19	3
6 Sts	11	17	42	27	3
Prev Wk	11	16	38	32	3
Prev Yr	2	6	26	55	11

Peanuts Percent Pegging				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
AL	75	70	78	84
FL	91	84	94	85
GA	90	87	91	92
NC	83	66	75	81
OK	44	44	50	50
SC	84	83	87	82
TX	39	28	40	43
VA	74	74	89	72
8 Sts	80	75	82	81
These 8 States planted 96% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	0	9	84	7
FL	0	0	15	83	2
GA	0	3	27	59	11
NC	2	2	24	65	7
OK	0	0	24	76	0
SC	1	1	26	61	11
TX	1	10	63	23	3
VA	0	0	8	82	10
8 Sts	0	3	27	62	8
Prev Wk	1	4	28	59	8
Prev Yr	1	3	21	65	10



**Crop Progress and Condition****Week Ending July 24, 2022**

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

Oats Percent Headed				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
IA	100	97	99	100
MN	100	81	93	100
NE	100	100	100	100
ND	95	69	83	94
OH	100	89	95	99
PA	97	75	90	95
SD	100	93	96	97
TX	100	100	100	100
WI	99	91	95	97
9 Sts	100	88	94	98
These 9 States planted 69% of last year's oat acreage.				

Oats Percent Harvested				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
IA	45	16	38	41
MN	22	0	10	10
NE	64	20	58	65
ND	2	0	0	1
OH	51	4	27	55
PA	3	1	3	9
SD	40	9	27	29
TX	100	100	100	100
WI	14	3	9	8
9 Sts	29	12	22	25
These 9 States harvested 69% of last year's oat acreage.				

Oat Condition by Percent					
	VP	P	F	G	EX
IA	0	2	20	63	15
MN	1	5	32	52	10
NE	15	22	28	32	3
ND	0	0	16	72	12
OH	0	0	24	66	10
PA	0	18	43	34	5
SD	3	14	23	54	6
TX	48	30	13	8	1
WI	1	1	17	64	17
9 Sts	12	12	21	47	8
Prev Wk	12	11	20	49	8
Prev Yr	10	21	33	30	6

Spring Wheat Percent Headed				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
ID	98	95	97	94
MN	100	71	94	100
MT	93	63	88	91
ND	96	63	81	96
SD	98	91	95	97
WA	100	89	96	99
6 Sts	96	68	86	96
These 6 States planted 100% of last year's spring wheat acreage.				

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	1	6	30	50	13
MN	0	0	28	66	6
MT	4	19	34	41	2
ND	0	2	20	65	13
SD	1	12	22	56	9
WA	0	0	4	86	10
6 Sts	1	7	24	59	9
Prev Wk	1	5	23	61	10
Prev Yr	32	34	25	8	1

Winter Wheat Percent Harvested				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
AR	100	100	100	100
CA	98	95	98	94
CO	88	57	88	87
ID	27	1	2	14
IL	99	96	97	98
IN	95	95	100	96
KS	98	99	100	99
MI	78	34	68	64
MO	99	99	100	100
MT	24	8	18	17
NE	84	61	84	79
NC	100	95	100	100
OH	93	96	96	94
OK	100	100	100	100
OR	56	2	18	36
SD	66	25	64	53
TX	100	100	100	100
WA	47	3	5	23
18 Sts	82	70	77	80
These 18 States harvested 91% of last year's winter wheat acreage.				

Barley Percent Headed				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
ID	96	95	96	93
MN	100	67	92	99
MT	94	75	95	93
ND	95	71	86	96
WA	100	92	100	100
5 Sts	95	79	93	95
These 5 States planted 82% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	2	5	25	51	17
MN	0	1	44	50	5
MT	6	23	36	30	5
ND	0	1	30	61	8
WA	0	0	4	86	10
5 Sts	3	11	31	46	9
Prev Wk	3	12	26	51	8
Prev Yr	19	32	27	18	4

## Crop Progress and Condition

### Week Ending July 24, 2022

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

Rice Percent Headed				
	Prev Year	Prev Week	Jul 24 2022	5-Yr Avg
AR	23	9	19	33
CA	43	25	40	24
LA	80	75	85	83
MS	62	39	65	64
MO	37	16	21	28
TX	80	63	68	86
6 Sts	42	28	39	44
These 6 States planted 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	1	2	22	54	21
CA	0	0	5	75	20
LA	0	0	12	82	6
MS	0	6	38	44	12
MO	2	7	35	42	14
TX	0	1	61	24	14
6 Sts	1	2	22	58	17
Prev Wk	1	3	24	55	17
Prev Yr	1	3	23	57	16

Pasture and Range Condition by Percent Week Ending Jul 24, 2022												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	1	5	39	53	2		NH	0	24	49	27	0
AZ	31	24	32	13	0		NJ	5	6	79	10	0
AR	29	46	21	4	0		NM	9	41	41	7	2
CA	15	25	30	30	0		NY	15	22	29	30	4
CO	25	26	24	20	5		NC	5	12	46	32	5
CT	0	70	30	0	0		ND	0	2	13	69	16
DE	1	11	38	42	8		OH	0	5	30	58	7
FL	1	2	19	43	35		OK	21	24	35	20	0
GA	4	9	40	41	6		OR	5	14	38	38	5
ID	1	6	15	42	36		PA	1	20	30	49	0
IL	11	13	30	39	7		RI	0	50	50	0	0
IN	6	16	43	31	4		SC	0	9	49	36	6
IA	3	10	37	40	10		SD	9	28	32	24	7
KS	25	18	32	24	1		TN	8	24	37	29	2
KY	6	26	38	24	6		TX	57	32	9	2	0
LA	1	14	46	35	4		UT	16	32	24	28	0
ME	7	14	24	40	15		VT	0	23	23	41	13
MD	3	3	16	66	12		VA	3	20	52	25	0
MA	10	40	30	20	0		WA	1	1	32	59	7
MI	4	25	31	37	3		WV	0	3	24	66	7
MN	2	6	23	57	12		WI	1	6	21	58	14
MS	6	16	33	42	3		WY	14	24	23	37	2
MO	14	37	32	16	1		48 Sts	25	25	25	22	3
MT	26	12	19	40	3							
NE	24	26	30	18	2		Prev Wk	21	26	27	23	3
NV	10	30	40	20	0		Prev Yr	23	19	24	25	9

VP - Very Poor; P - Poor;  
F - Fair;  
G - Good; EX - Excellent  
  
NA - Not Available  
\* Revised



# Crop Progress and Condition

Week Ending July 24, 2022

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

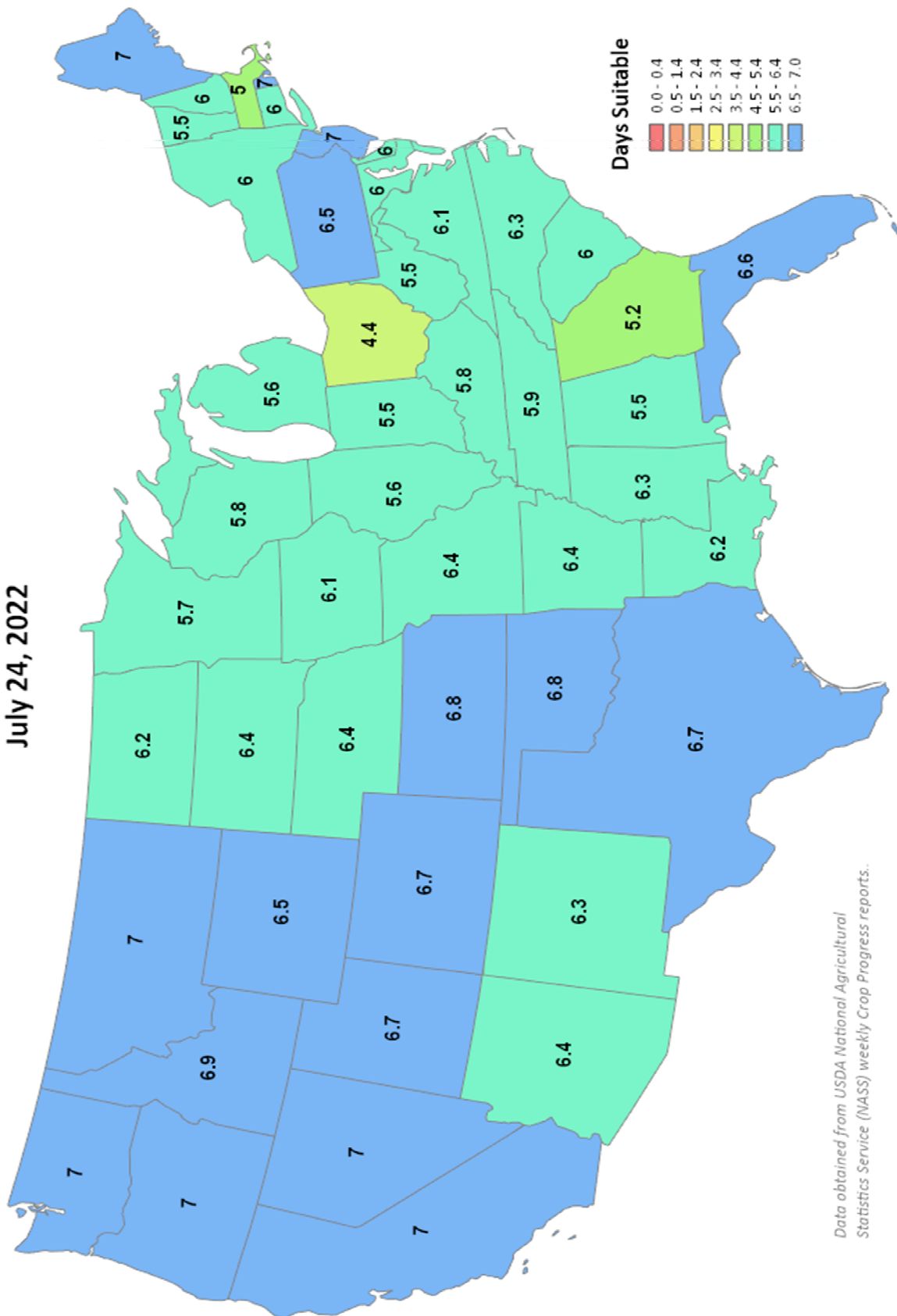
## Days Suitable for Fieldwork

Week Ending

July 24, 2022



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

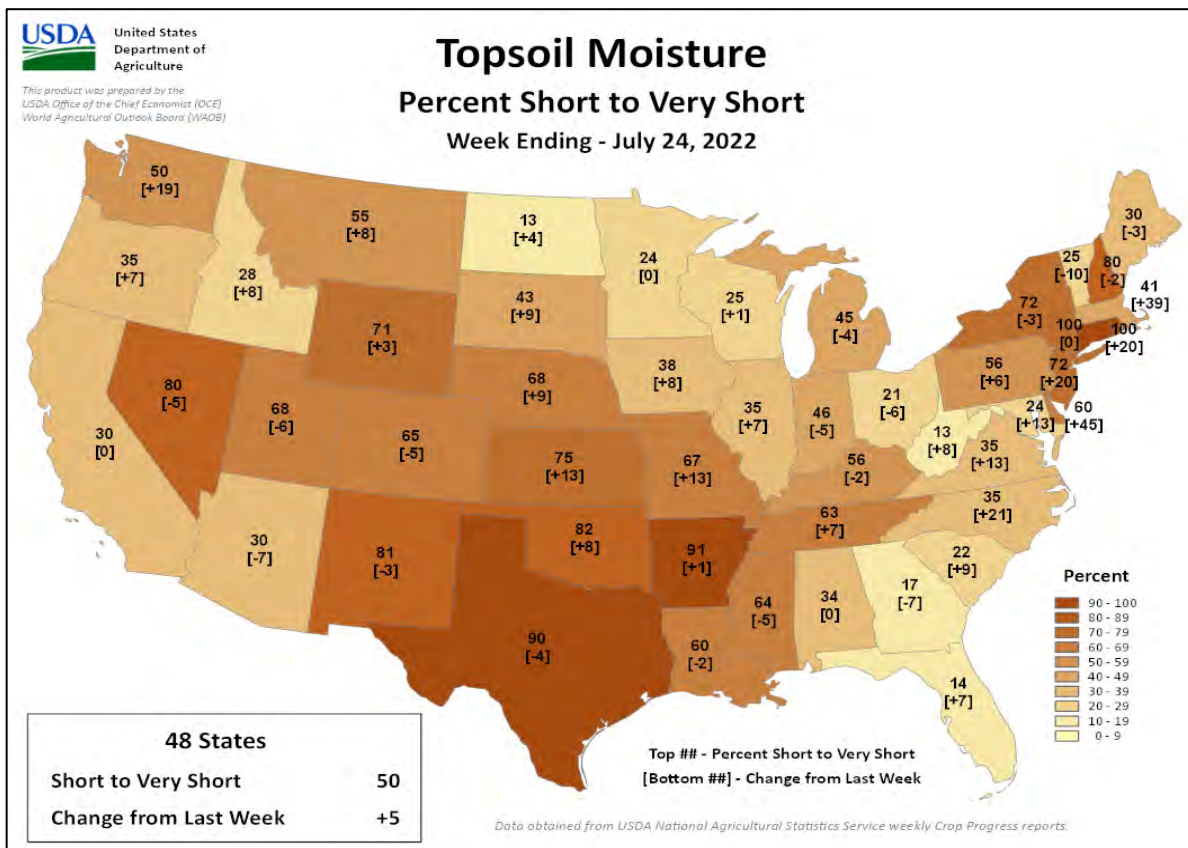
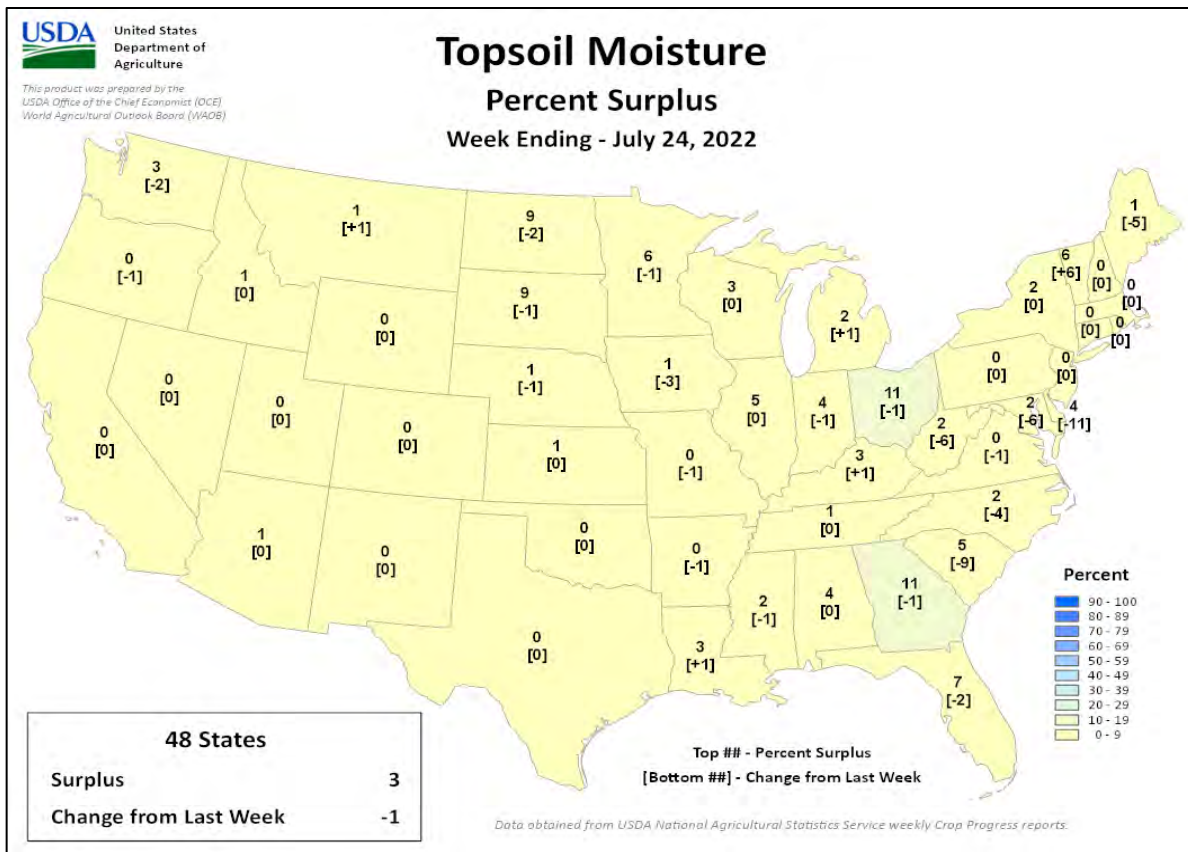


Data obtained from USDA National Agricultural  
Statistics Service (NASS) weekly Crop Progress reports.

## Crop Progress and Condition

### Week Ending July 24, 2022

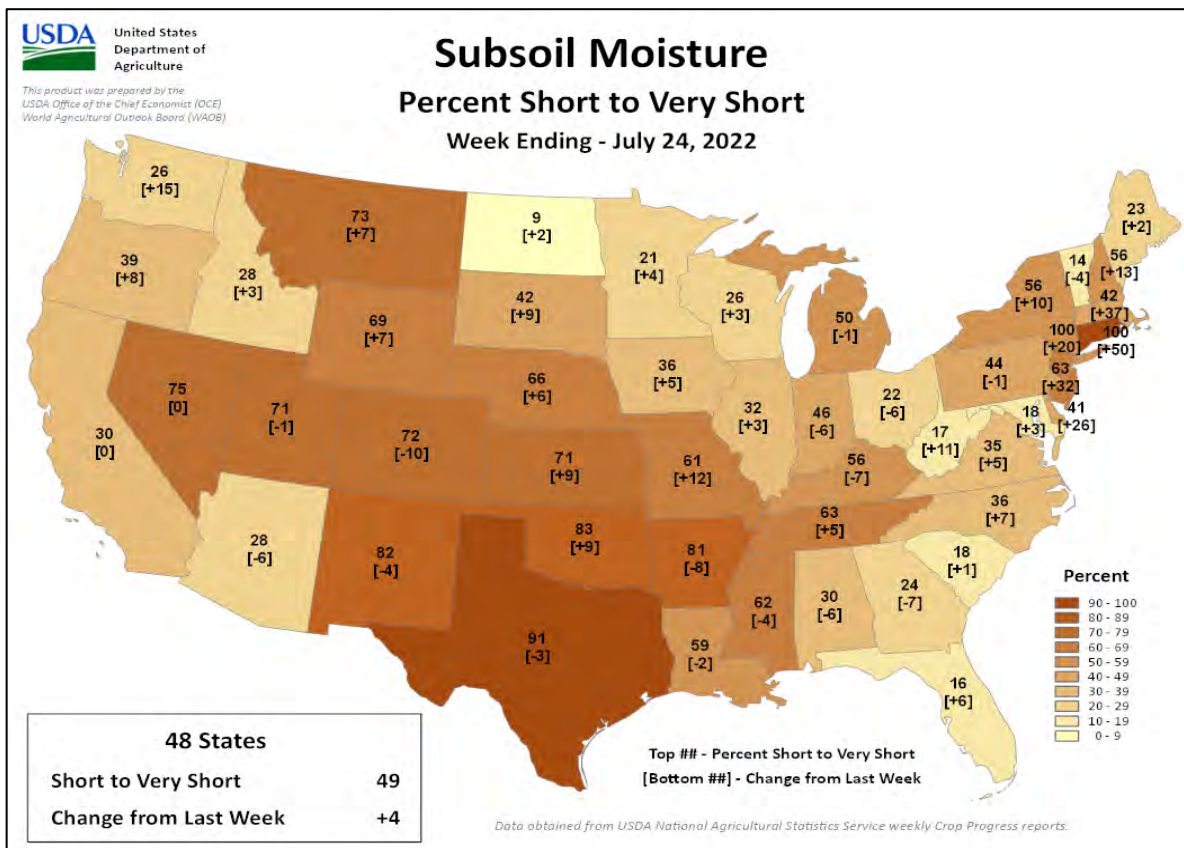
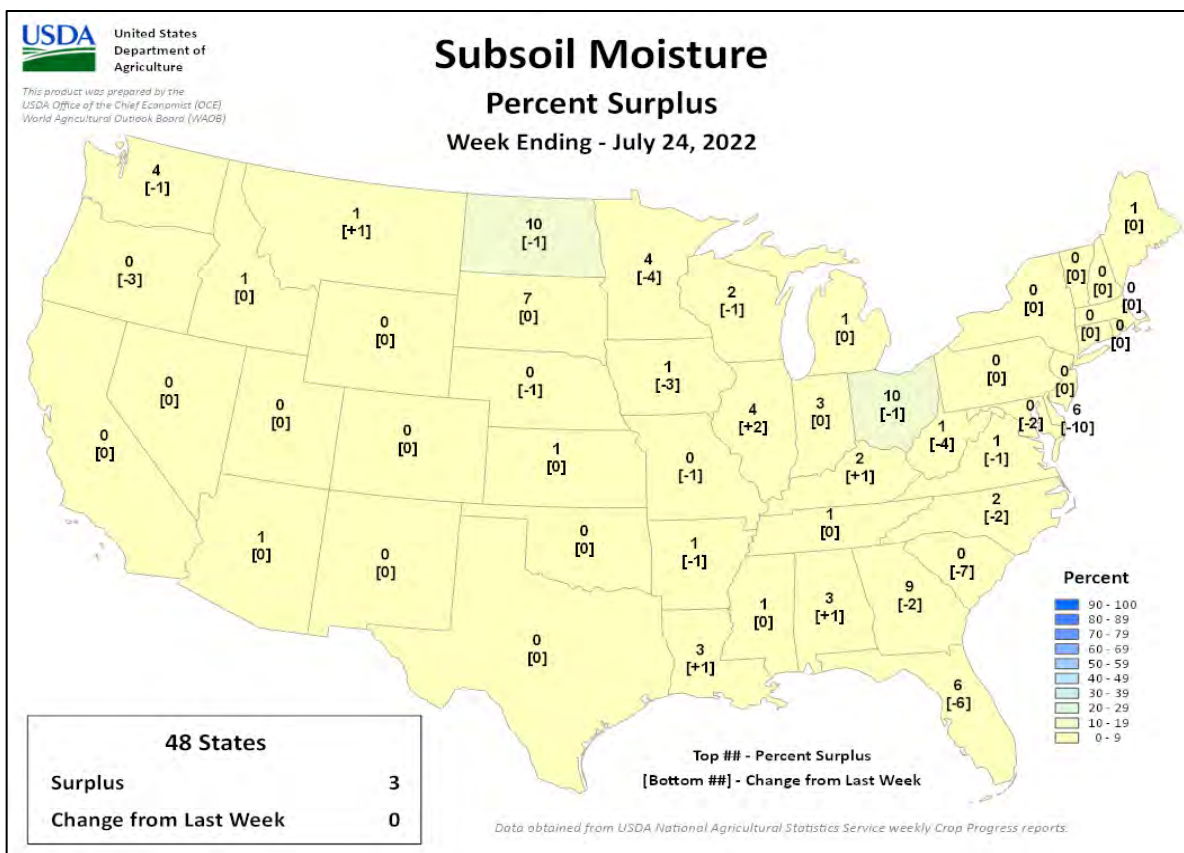
Weekly U.S. Progress and Condition Data provided by USDA/NASS



## Crop Progress and Condition

### Week Ending July 24, 2022

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





## International Weather and Crop Summary

July 17-23, 2022

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

### HIGHLIGHTS

**EUROPE:** Scorching heat shattered all-time records over much of western Europe early in the period before shifting south and east by week's end.

**WESTERN FSU:** Cool, wet weather favored reproductive spring grains and summer crops over much of the region, though southwestern growing areas remained unfavorably dry.

**EASTERN FSU:** Heavy rain alleviated dryness concerns in the eastern spring grain belt, while seasonably sunny but hot weather promoted cotton development in the south.

**MIDDLE EAST:** Seasonably sunny skies and cool temperatures promoted the development of reproductive to filling summer crops in Turkey.

**SOUTH ASIA:** Widespread monsoon showers aided establishment of kharif crops in India, but more rain is needed in drought-stricken portions of the north.

**EAST ASIA:** Passing showers continued to benefit most reproductive summer crops in China.

**SOUTHEAST ASIA:** Widespread rainfall maintained adequate to ample moisture supplies for rice and other crops in northern sections of the region.

**AUSTRALIA:** Rain benefited winter crops in the west and northeast, while lighter showers passed through the southeast.

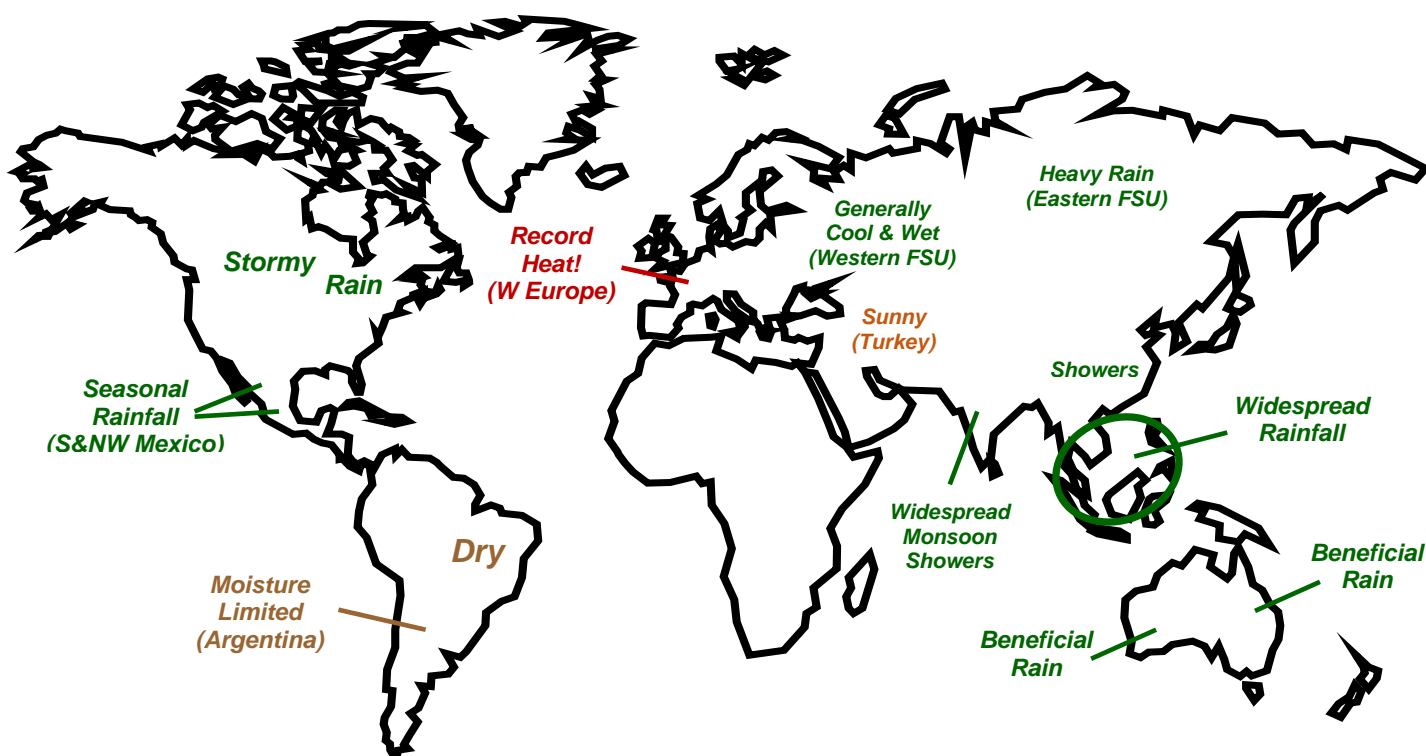
**ARGENTINA:** Warm, dry weather supported fieldwork, but winter grains were still in need of moisture.

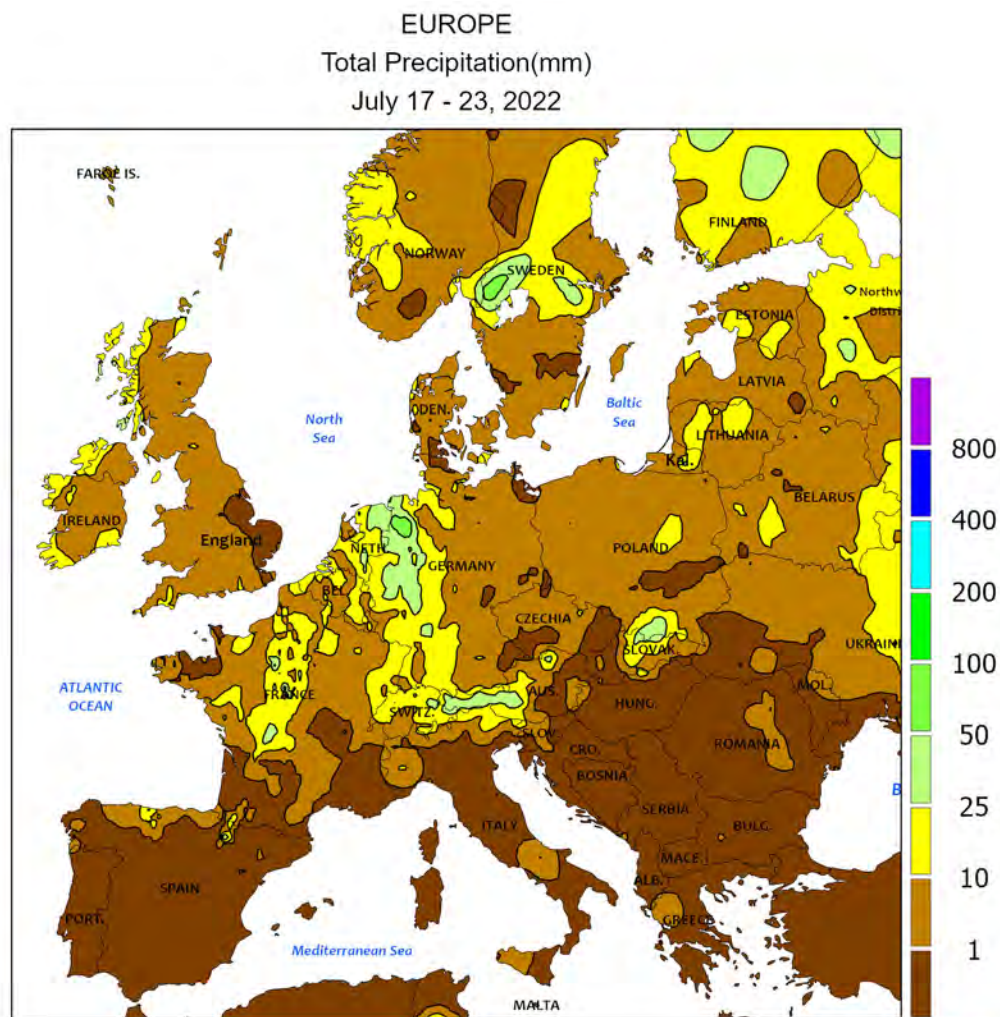
**BRAZIL:** Corn and cotton harvesting continued to make rapid progress.

**MEXICO:** Showers continued in northwestern watersheds and in most major rain-fed summer corn areas.

**CANADIAN PRAIRIES:** Rain overspread the southern Prairies, bringing some relief from a recent heat wave.

**SOUTHEASTERN CANADA:** Warm, showery weather benefited corn and soybeans in Ontario.





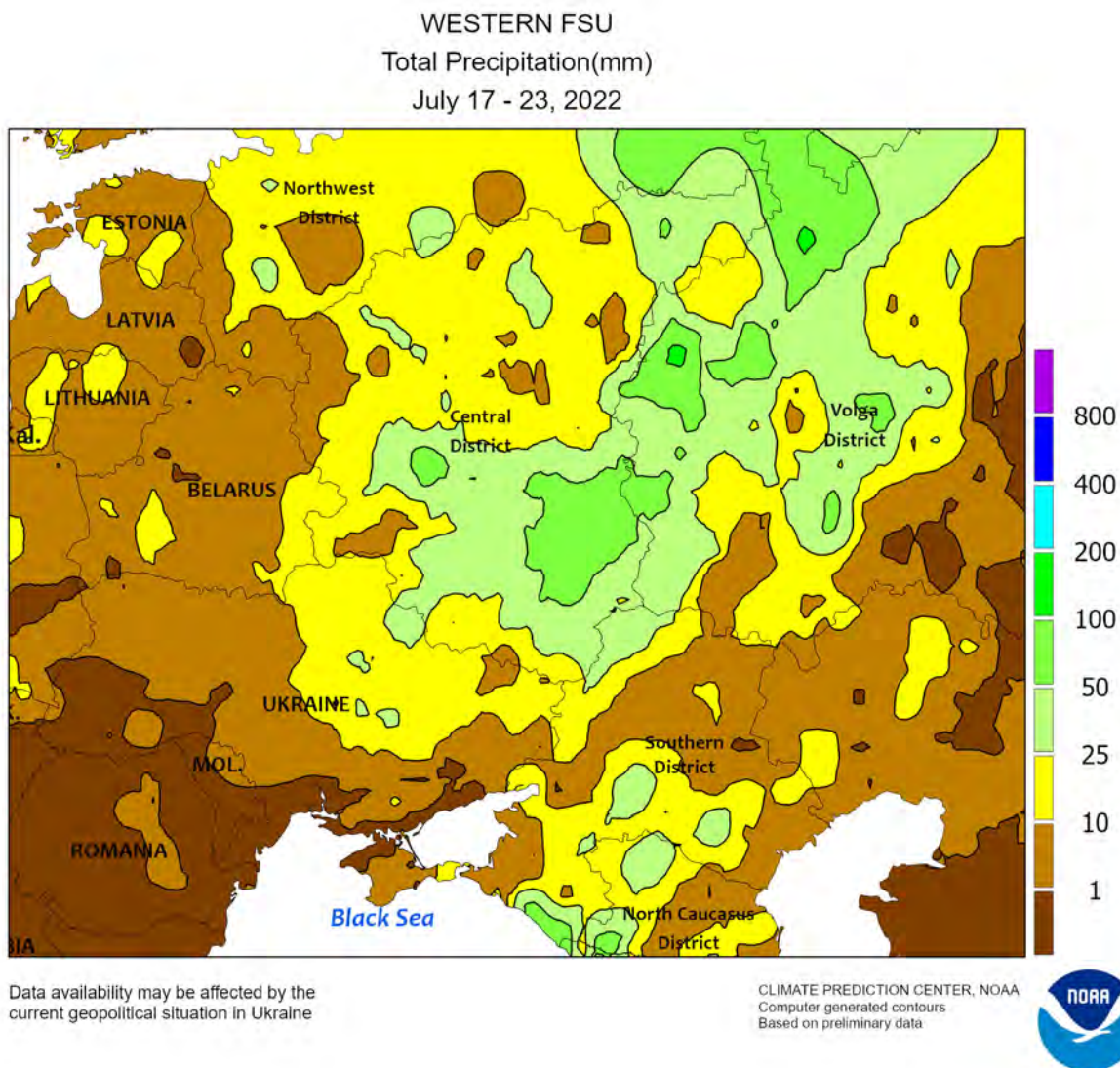
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



## EUROPE

Scorching heat shattered all-time records and was very untimely for summer crops. The heat wave, which started over Spain and Portugal on July 7, expanded northward and intensified during the first half of the week. Temperatures easily set new records over many urban areas of western Europe, with readings peaking as high as 41°C in the crop areas of southwestern France, 42°C in western France, and 40°C in central and southeastern England. The exceptional heat stressed livestock and was detrimental for summer crops, particularly corn. In northern Spain, Castilla y Leon notched 15 of 16 days above 35°C beginning on July 9, coincident with corn accelerating through the tassel, silk, and blister stages of development; more alarming were the 8 consecutive days with highs above 38°C during this temperature-critical window for yields. Across major corn areas of southwestern France, 35-degree heat was unrelenting beginning on July 10, with 10 consecutive days well into the

upper 30s (degrees C) and a peak of 41°C. As the week wore on, the heat was virtually all-encompassing in Europe, with temperatures peaking as high as: 37°C in Sweden; 39°C in northern Germany; 38°C in western and southern Poland; and at or above 40°C in Hungary, Serbia, Romania, and Bulgaria. Temperatures also spiked to 40°C in drought-riddled northern Italy, where moisture-starved corn and soybeans in the Po River Valley have been subjected to 20 days at or above 35°C since June 20. Even drought- and heat-tolerant sunflowers, which can withstand temperatures up to 38°C, have been afflicted with damaging heat across many of these same croplands. While light to moderate showers over central and northern Europe signaled the arrival of sorely needed cooler air mid-week, the rain was largely too late to offer much relief for crops which have been severely affected by this summer's extreme temperatures and locally exceptional drought.



### WESTERN FSU

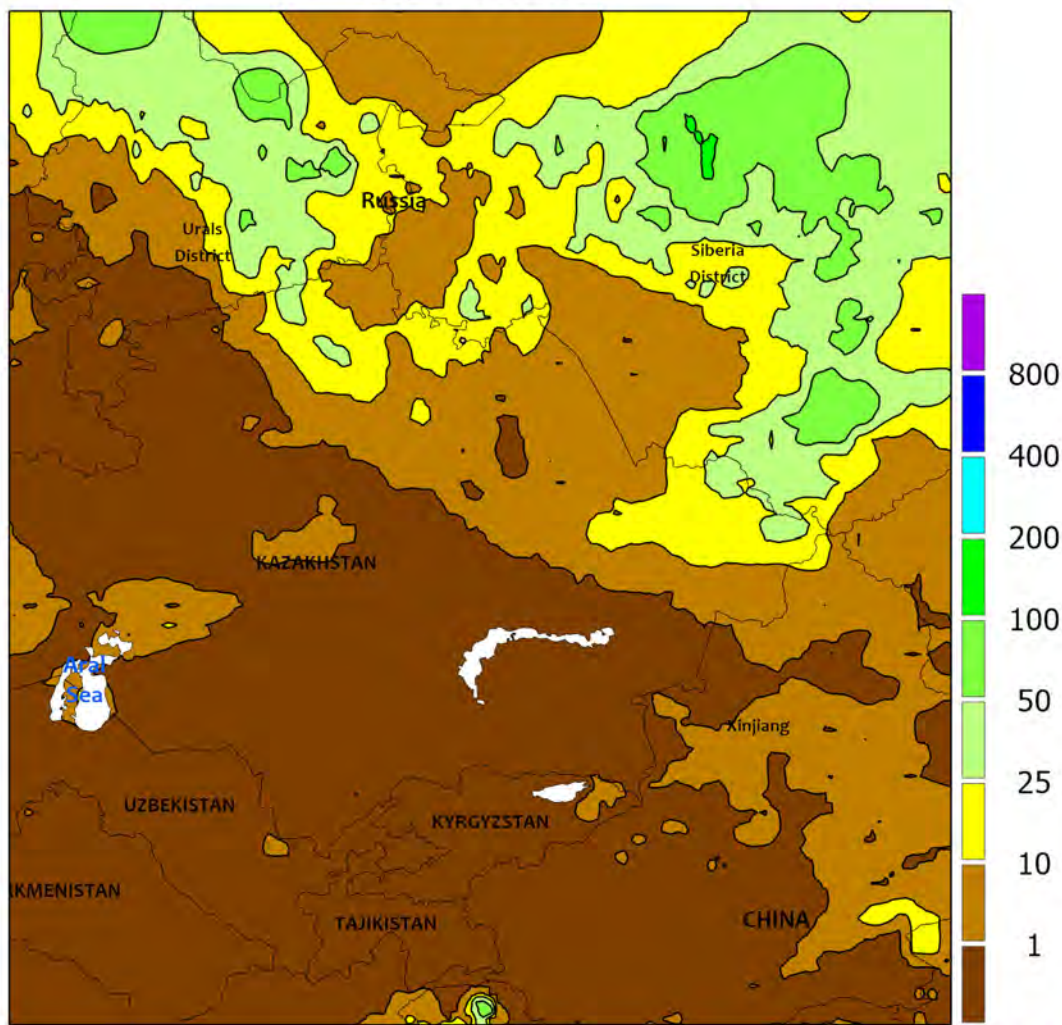
Cool, wet weather was beneficial for spring grains and summer crops, though drought continued to afflict southwestern portions of the region. Another round of moderate to heavy showers (10-35 mm) across northern Ukraine were timely for reproductive corn and soybeans. Moderate to heavy rain (10-90 mm) was likewise favorable for reproductive corn, sunflowers, and spring barley over much of western Russia. Furthermore, temperatures averaged up to 4°C below normal, eliminating the threat of heat stress as summer crops approach or progress through the key

temperature-sensitive stages of development. Conversely, dry weather continued to afflict crop areas from Moldova into much of southwestern Ukraine, further reducing yield prospects for reproductive sunflowers and, to a lesser extent, corn, although even these drier locales were spared extreme heat.

*The WWCB focuses entirely on weather and resultant crop conditions; conflict and unrest are beyond the scope of this publication.*



EASTERN FSU  
Total Precipitation(mm)  
July 17 - 23, 2022



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

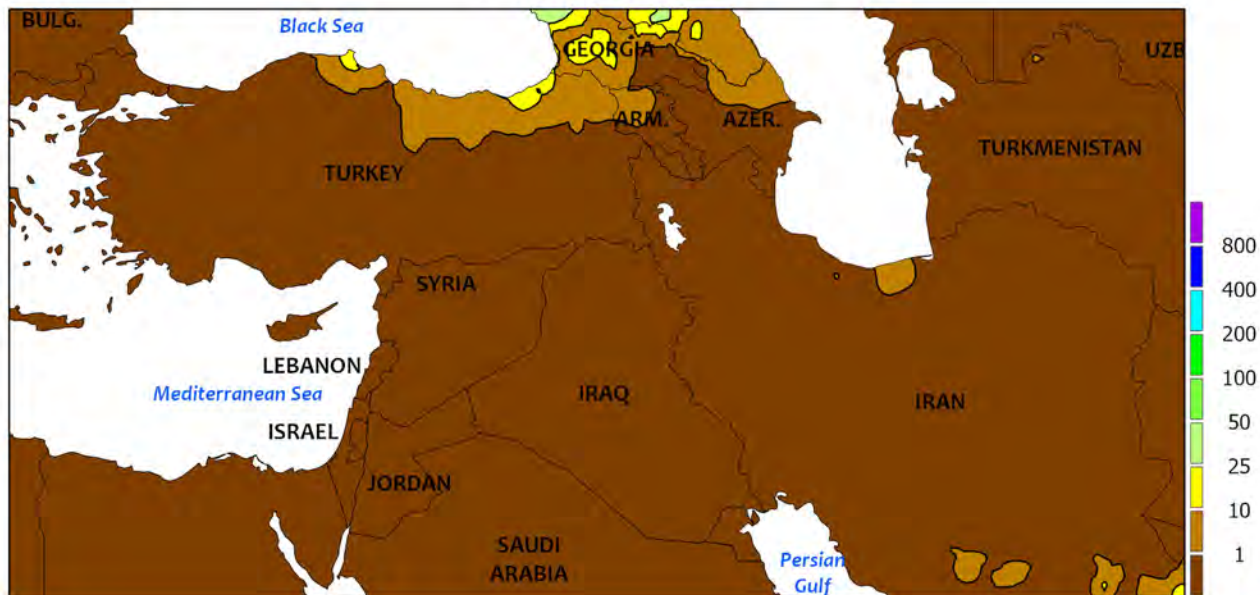


**EASTERN FSU**

Showery weather in northern and eastern spring grain areas contrasted with seasonably dry but increasingly hot weather in the south. Across western spring grain areas of northern Kazakhstan and central Russia, dry and warm weather (up to 4°C above normal) accelerated the development of reproductive to filling spring barley and wheat. Conversely, central and eastern spring grain areas reported highly variable but largely beneficial showers and thunderstorms (2-85 mm), maintaining or improving moisture supplies for reproductive wheat and barley. The latest satellite-derived Vegetation Health Index continued to depict good to

excellent conditions in western- and eastern-most spring grain areas, while prospects remained fair to poor in north-central Kazakhstan and environs. Farther south in Turkmenistan, Uzbekistan, and Kyrgyzstan, sunny skies favored cotton development, but sharply hotter weather (daytime temperatures reaching as high as 47°C) increased stress as the crop progressed through the flowering stage of development. Furthermore, 7-day average temperatures greater than 30°C are an indicator of potential heat stress to cotton; 7-day average temperatures ranged from 32 to 38°C across central and western cotton areas.

MIDDLE EAST  
Total Precipitation(mm)  
July 17 - 23, 2022



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

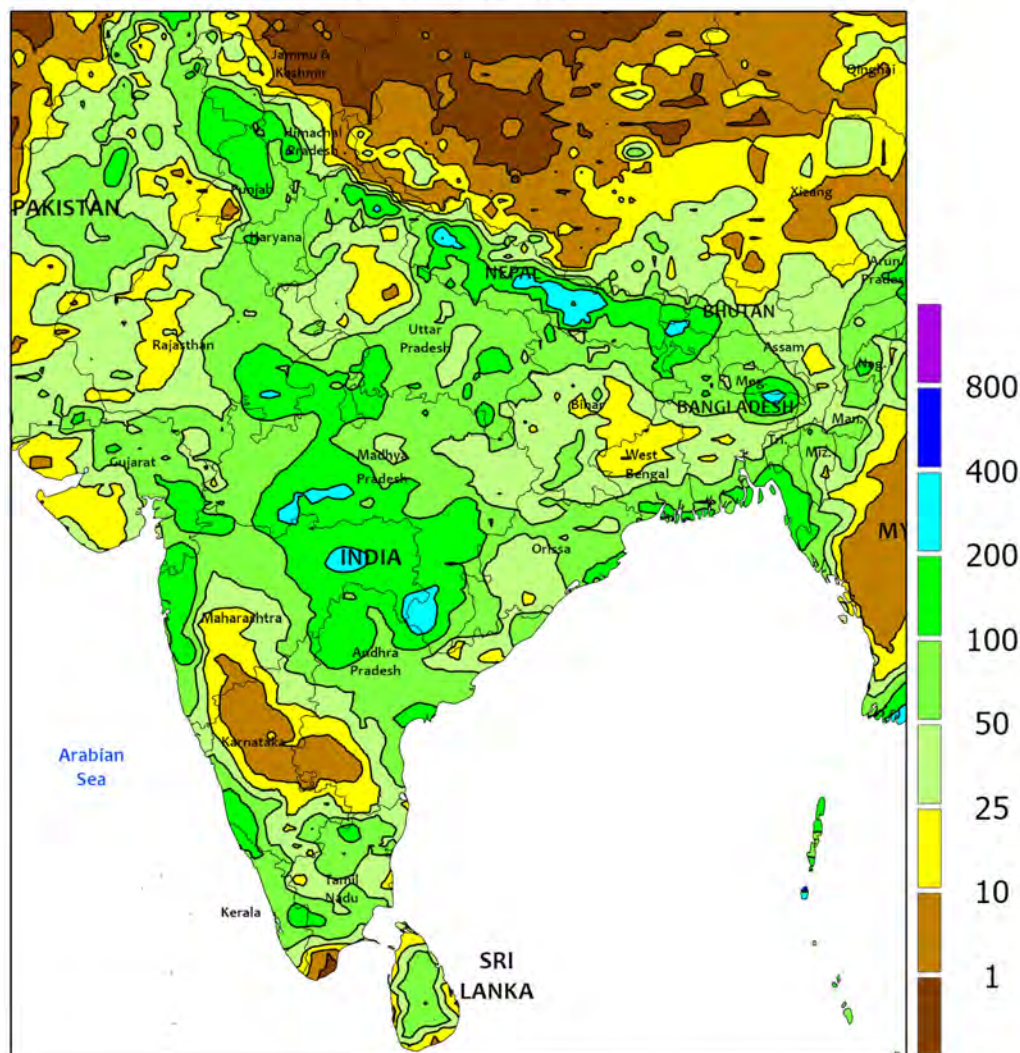


MIDDLE EAST

On the heels of recent supplemental showers, seasonably sunny skies but cool temperatures were beneficial for reproductive to filling summer crops in Turkey. Temperatures up to 4°C below normal over much of central and northern Turkey minimized the threat of heat stress as summer crops progress through the temperature-

sensitive reproductive and filling stages of development. However, locally warm conditions (1-4°C above normal) were noted along the southern and western coasts of Turkey. The latest satellite-derived Vegetation Health Index continued to depict good to excellent summer crop prospects across the entire country.

SOUTH ASIA  
Total Precipitation(mm)  
July 17 - 23, 2022



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



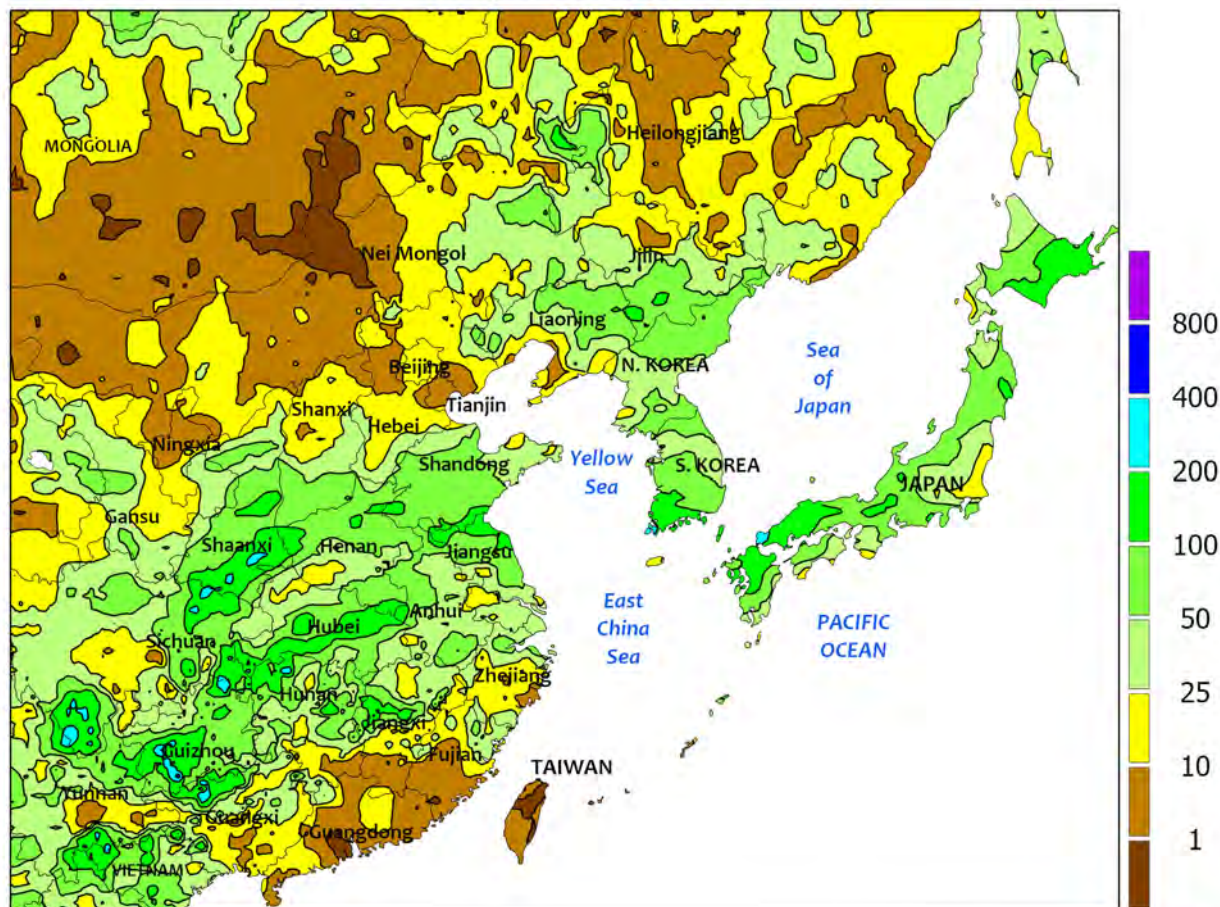
### SOUTH ASIA

Monsoon showers overspread nearly all corners of the region with few exceptions. Most areas receiving rain recorded 25 to 100 mm, with portions of central India topping 150 mm. The moisture benefited establishment of kharif crops throughout India as well as bolstering irrigation supplies for cotton and rice in Pakistan. In addition, the

rainfall provided some relief from seasonal drought in the Ganges River Basin of northern India, although seasonal rainfall totals remained less than 50 percent of normal. Planting continued to progress at a rapid pace in India with coarse grains and oilseed area ahead of last year at this time; groundnuts and corn still lagged, though.



EASTERN ASIA  
Total Precipitation(mm)  
July 17 - 23, 2022



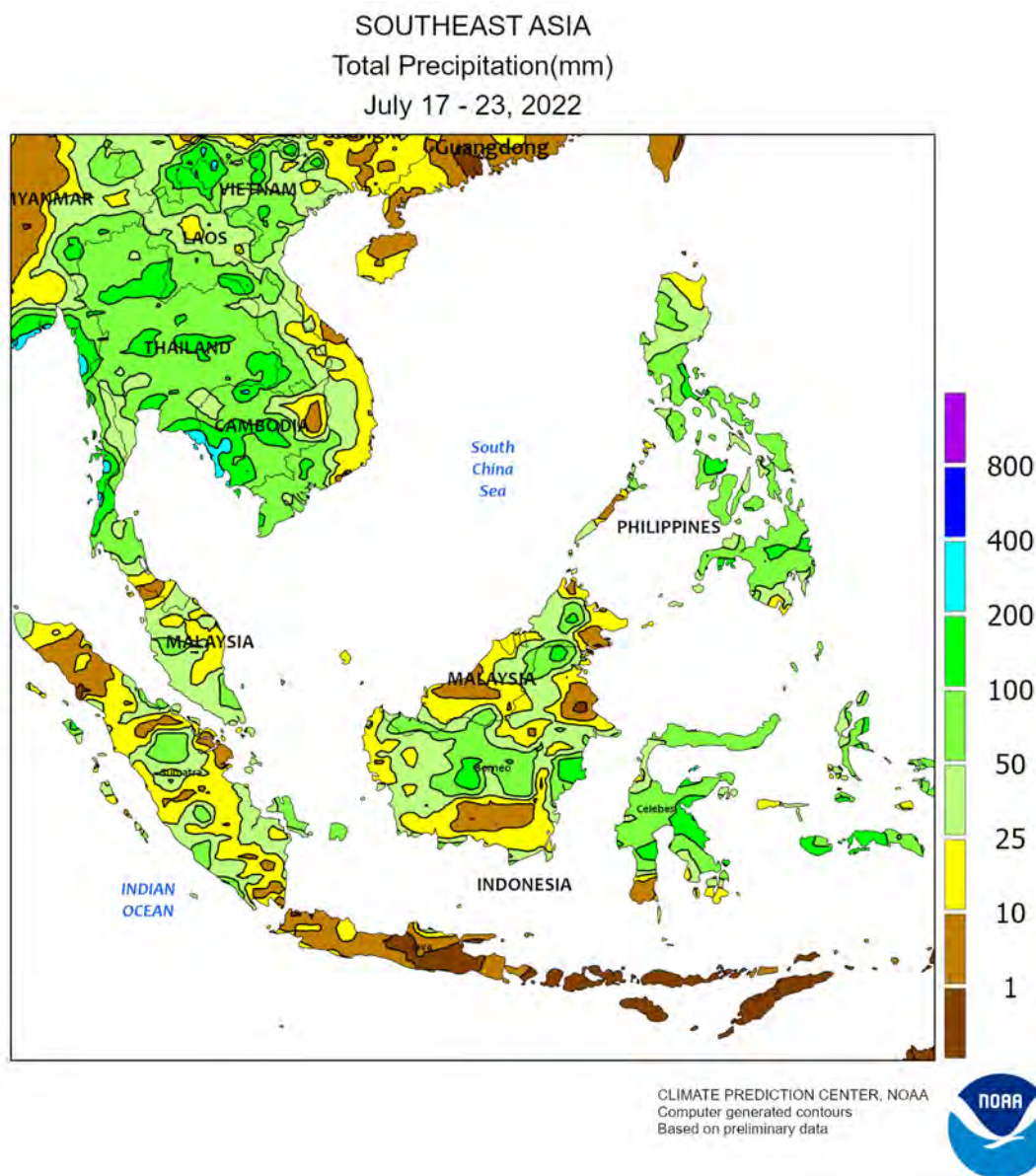
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



#### EASTERN ASIA

Showers swept through most summer crop areas in the eastern half of China, bolstering moisture supplies for reproductive crops. In the northeast, 10 to 50 mm (locally more) of rain maintained some of the best July moisture conditions in the last 30 years for corn and soybeans. One notable exception was Heilongjiang, where rainfall has been trending below average for the month thus far. Meanwhile, wet weather continued to benefit summer grains and oilseeds on the North China Plain, as upwards of 130 mm of rain pushed seasonal (since June 1) totals well above average and above last year at this time. In addition, the recent moisture boost reversed long-term drought

conditions dating back to the spring. Farther south, rainfall has been more intermittent, but 25 to 100 mm for the week maintained adequate moisture supplies for single-crop rice and other crops in the Yangtze Valley. However, continued heat and dryness in the southeast stressed newly sown late-crop rice. Elsewhere, a brief period of excessive heat (above 40°C) in western China caused some minor stress to flowering irrigated cotton, but overall crop conditions remained good to excellent. In other parts of the region, more rainfall (25-100 mm locally over 250 mm) on the Korean Peninsula and in Japan further alleviated lingering early-season dryness for rice and other crops.



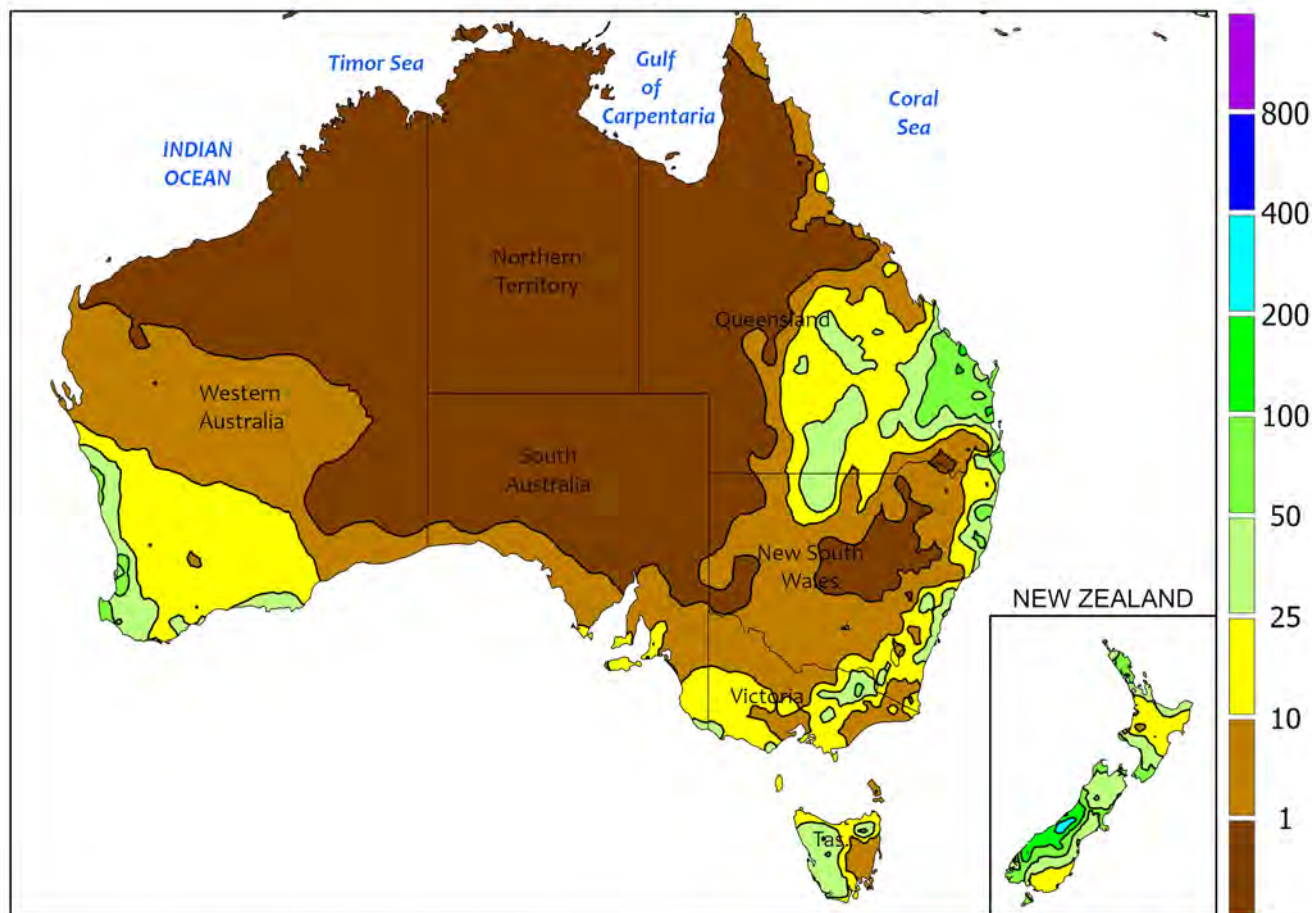
#### SOUTHEAST ASIA

Monsoon showers continued throughout northern sections of the region, maintaining or improving moisture conditions for rice and other crops. In Thailand, 25 to as much as 150 mm of rain increased moisture supplies in key growing areas, with the precipitation particularly welcome in previously drier-than-normal northern and central growing areas. In addition, reservoir levels in the north have improved and were currently better than the last two years

at this time. Similarly, moisture conditions for rice and other crops were favorable in the environs of Thailand as well as in the Philippines, although seasonal rainfall totals (since June 1) in the traditionally wet western Philippines have been about 50 percent of normal. Elsewhere, seasonably lighter showers (less than 50 mm) in southern portions of the region (Malaysia and Indonesia) sustained favorable soil moisture for oil palm.



AUSTRALIA  
Total Precipitation(mm)  
July 17 - 23, 2022



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 data



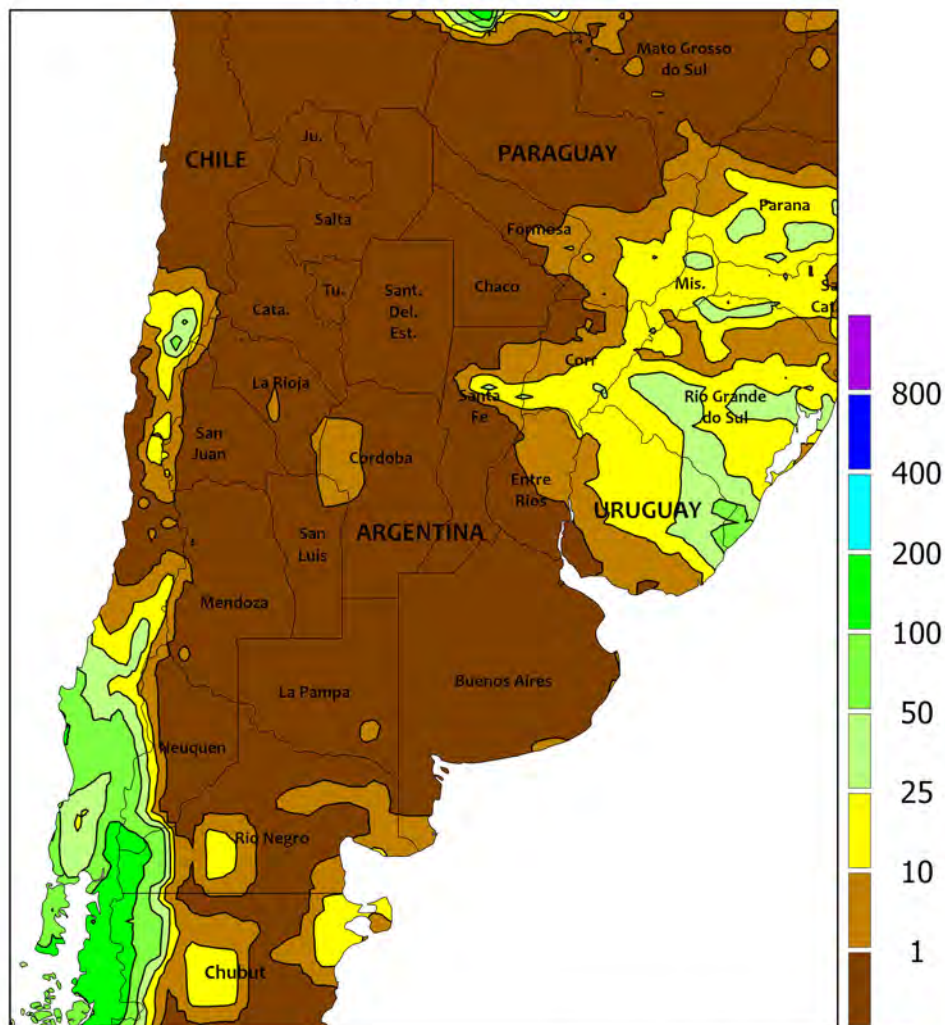
### AUSTRALIA

Widespread showers (10-25 mm) in Western Australia further benefited vegetative winter grains and oilseeds, helping to sustain good to excellent crop conditions. Lighter, more widely scattered showers (less than 10 mm) passed through South Australia, Victoria, and southern New South Wales, providing a bit of additional moisture in some locations for wheat, barley, and canola. Farther north, sunny skies and adequate soil moisture spurred winter crop development in

central and northern New South Wales. During most of the week, dry weather covered southern Queensland as well. Soaking rain (10-50 mm, locally more) overspread parts of the area at the end of the week, however, halting fieldwork but maintaining abundant moisture supplies for vegetative wheat and other winter crops. Temperatures were generally seasonable in Australia's wheat belt, averaging within 1°C of normal in most areas.



ARGENTINA  
Total Precipitation(mm)  
July 17 - 23, 2022



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

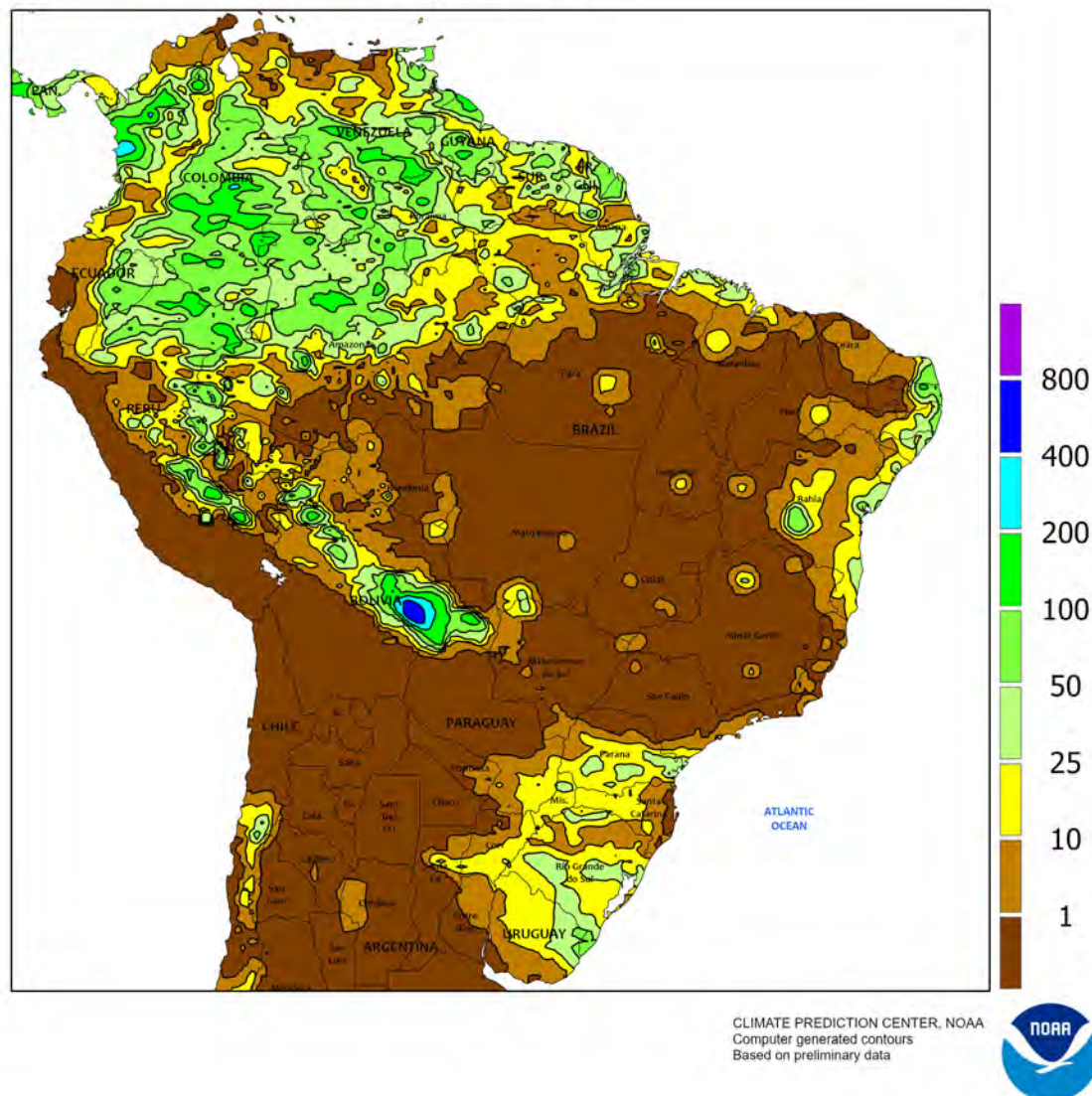


### ARGENTINA

Dry weather continued to dominate much of Argentina, supporting fieldwork but providing no relief for farmers needing rain. Virtually no rain fell from La Pampa and Buenos Aires northward, including the northeastern cotton belt (northern Santa Fe and eastern production areas in Chaco and Formosa). Weekly average temperatures were 1 to 2°C above

normal nearly region-wide, but freezes were common in all but the warmest northern climes (notably Formosa and Corrientes). According to the government of Argentina, corn was 85 percent harvested, as of July 21, while cotton was 91 percent harvested. Additionally, planting of both wheat and barley were 92 percent completed.

BRAZIL  
Total Precipitation(mm)  
July 17 - 23, 2022

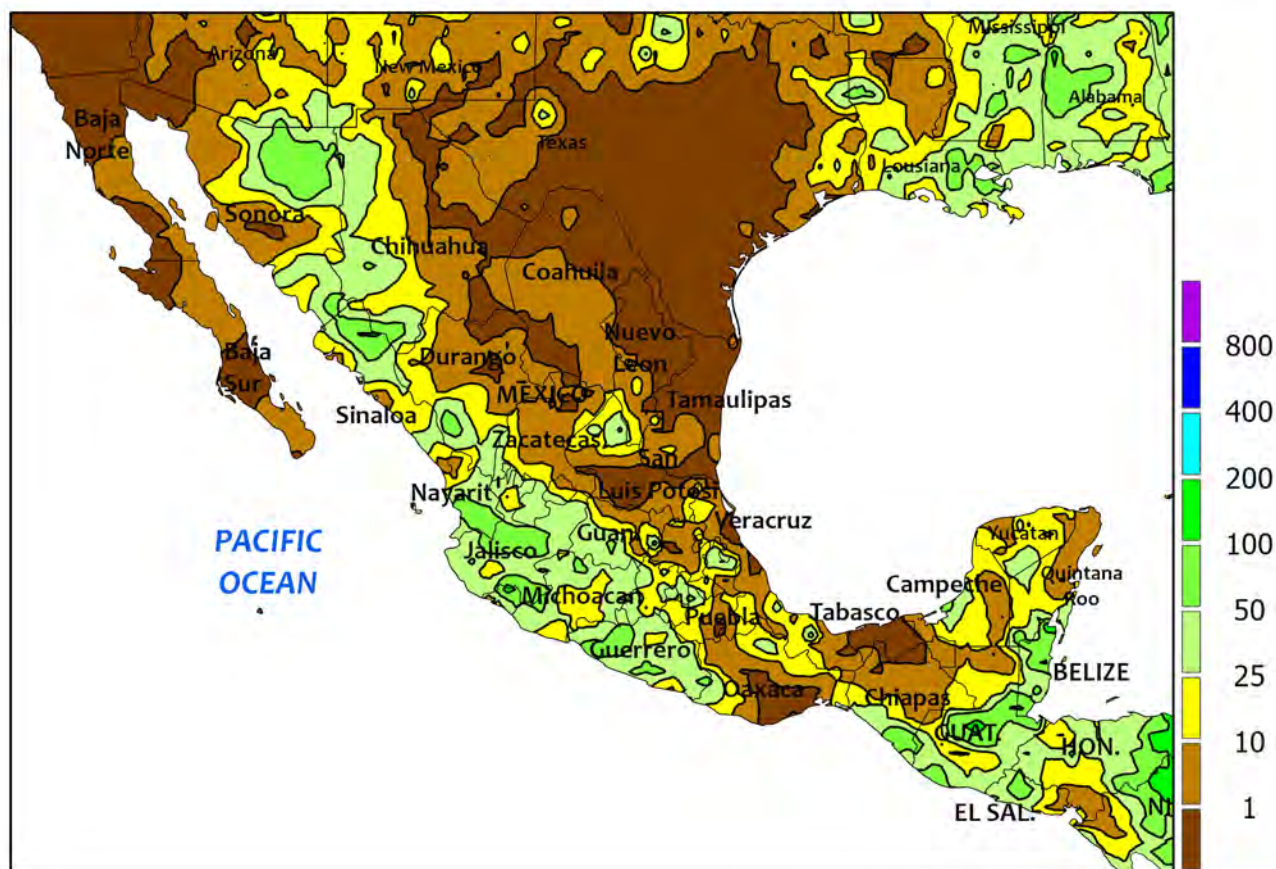


#### BRAZIL

Cotton and corn harvesting continued to make rapid progress in the main production areas of central and northeastern Brazil. Dryness and summer warmth (daytime highs reaching the lower and middle 30s degrees C) aided crop drydown from Mato Grosso eastward into the northeastern interior (Bahia to Maranhão). According to the government of Mato Grosso, corn was 94 percent harvested as of July 22, compared to 73 percent last year; cotton was 32 percent harvested, compared with 17 percent last year. The interior dryness extended as far south as

northern Paraná, with scattered, generally light showers (rainfall mostly totaling below 25 mm) southward into western Uruguay. Above-normal temperatures accompanied the southern dryness, although nighttime lows occasionally fell below 5°C. According to the government of Paraná, second-crop corn was 30 percent harvested as of July 11; meanwhile, 27 percent of wheat had reached reproduction. Elsewhere, seasonal rainfall (10-100 mm) continued along the northeastern coast, increasing moisture for local cocoa, coffee, and sugarcane.

MEXICO  
Total Precipitation(mm)  
July 17 - 23, 2022



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



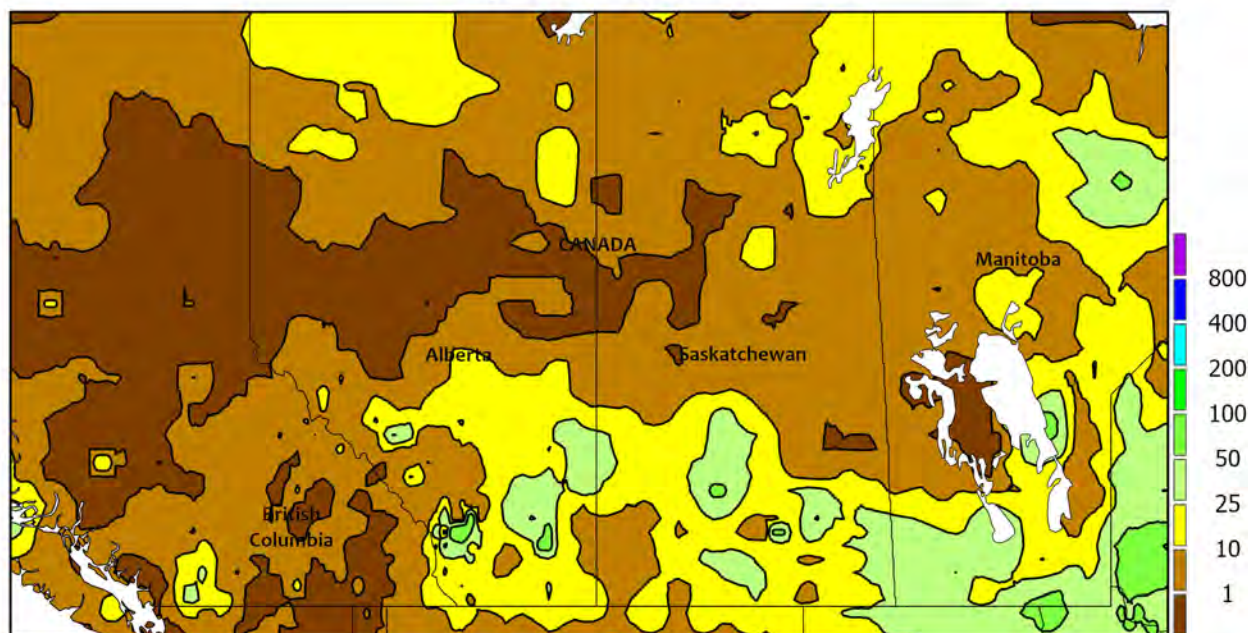
**MEXICO**

Seasonal showers continued across much of the southern plateau and in northwestern watersheds. Rainfall totaled 25 to locally more than 50 mm from Jalisco eastward, although pockets of dryness lingered near Puebla. Unseasonable dryness also prevailed from Oaxaca and Tabasco northward through Veracruz, reducing moisture for sugarcane, soybeans, and other rain-fed summer crops. Meanwhile, monsoon showers continued from Durango northward

through Sonora, helping to replenish irrigation reserves for the upcoming winter grain season; in contrast, mostly dry weather prevailed in the northeast, including most agricultural areas from eastern sections of Chihuahua and Durango eastward through San Luis Potosi and Tamaulipas. Weekly temperatures averaged 2 to 4°C above normal across much of the country, with highs exceeding 40°C maintaining high water requirements of livestock.



CANADIAN PRAIRIES  
Total Precipitation(mm)  
July 17 - 23, 2022



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



CANADIAN PRAIRIES

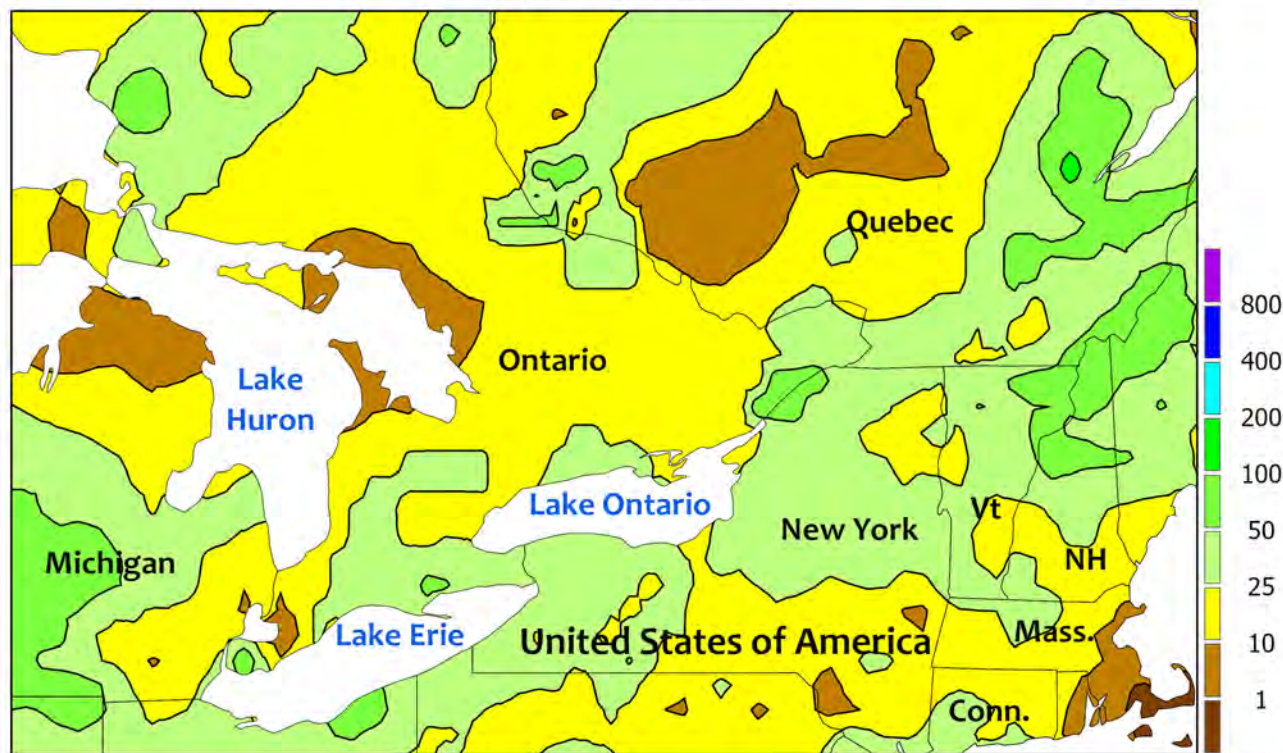
Stormy weather swept across the southern Prairies, generating overall beneficial rain and providing some relief from an untimely heat wave. Rainfall totaled 10 to locally more than 50 mm from Alberta's southern agricultural districts eastward across southern Manitoba. According to the governments of both Saskatchewan and Manitoba, however, the storms generated high winds that caused some localized lodging.

Prior to the onset of the rainfall, daytime highs reaching the middle and upper 30s (degrees C) stressed reproductive spring crops in the vicinity of southern Saskatchewan, and the rain reportedly came too late to fully improve crop prospects due to the long-term drought. Mostly dry weather prevailed elsewhere, including Alberta's Peace River Valley, where nighttime lows dropped below 5°C.

## SOUTHEASTERN CANADA

Total Precipitation(mm)

July 17 - 23, 2022



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



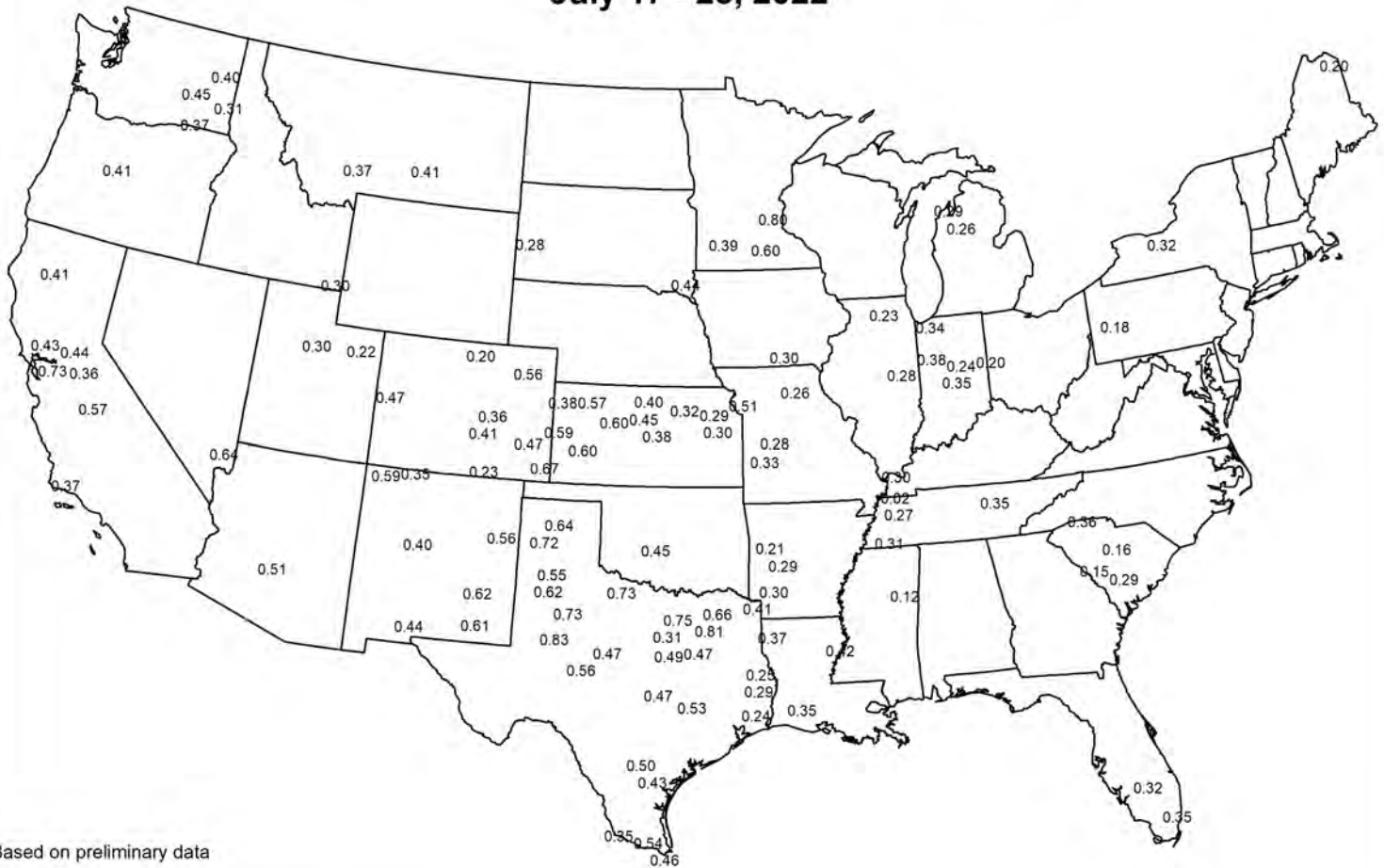
## SOUTHEASTERN CANADA

Warm, showery weather provided timely moisture for reproductive summer crops, particularly in previously dry locations in Ontario. Rain totaled 25 to 50 mm across most of the region; in Ontario, it was the heaviest rainfall since mid-June. Weekly temperatures averaged 2

to 4°C above normal, with daytime highs reaching the lower 30s (degrees C) on several days. Corn and soybeans were in or nearing reproductive stages of development, and a continuation of rain and summer warmth would be welcome.

# Average Pan Evaporation (inches/day)

July 17 - 23, 2022



Based on preliminary data

## USDA Agricultural Weather Assessments

Data obtained from the NWS Cooperative Observer Network.

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