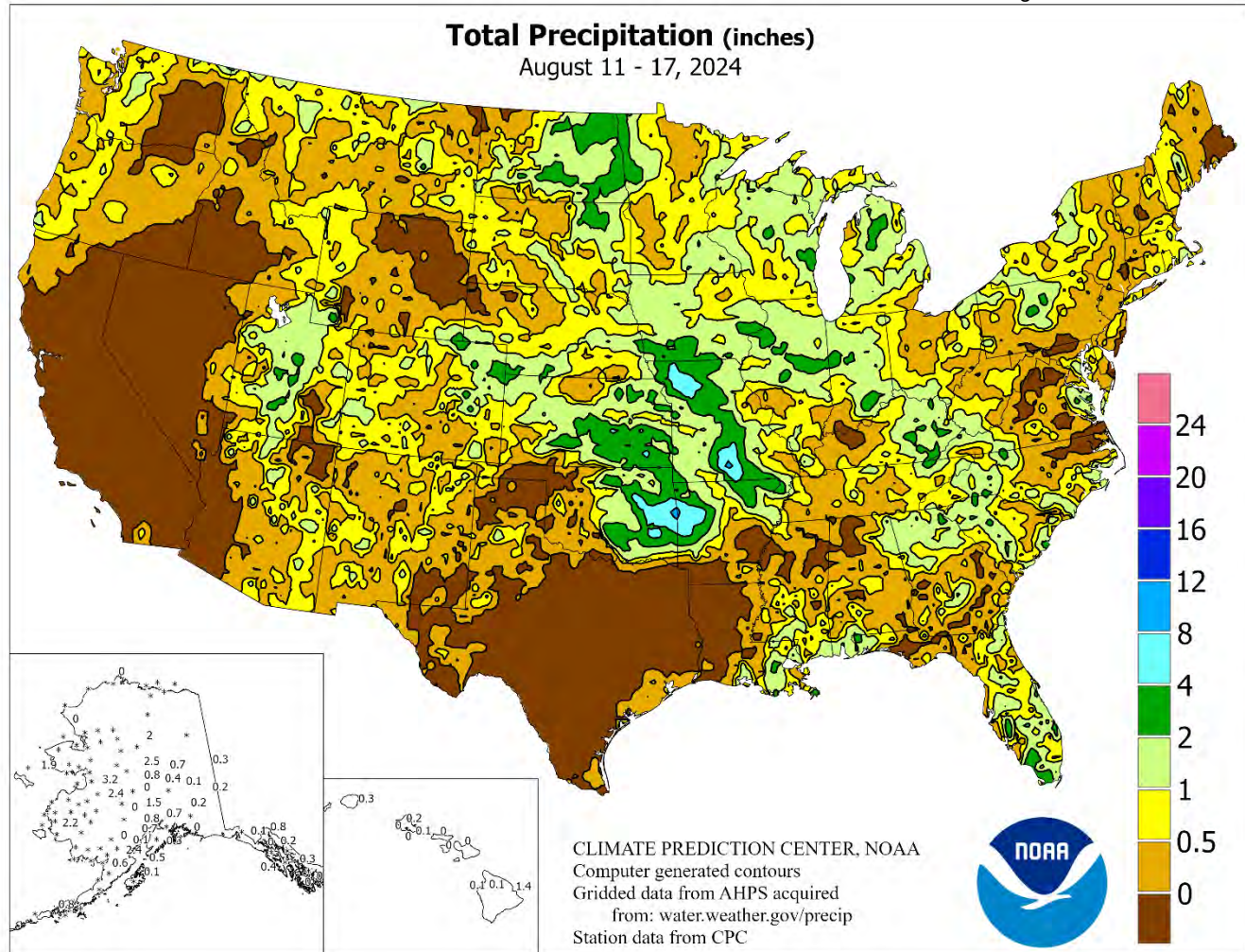


WEEKLY WEATHER AND CROP BULLETIN

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

August 11 – 17, 2024

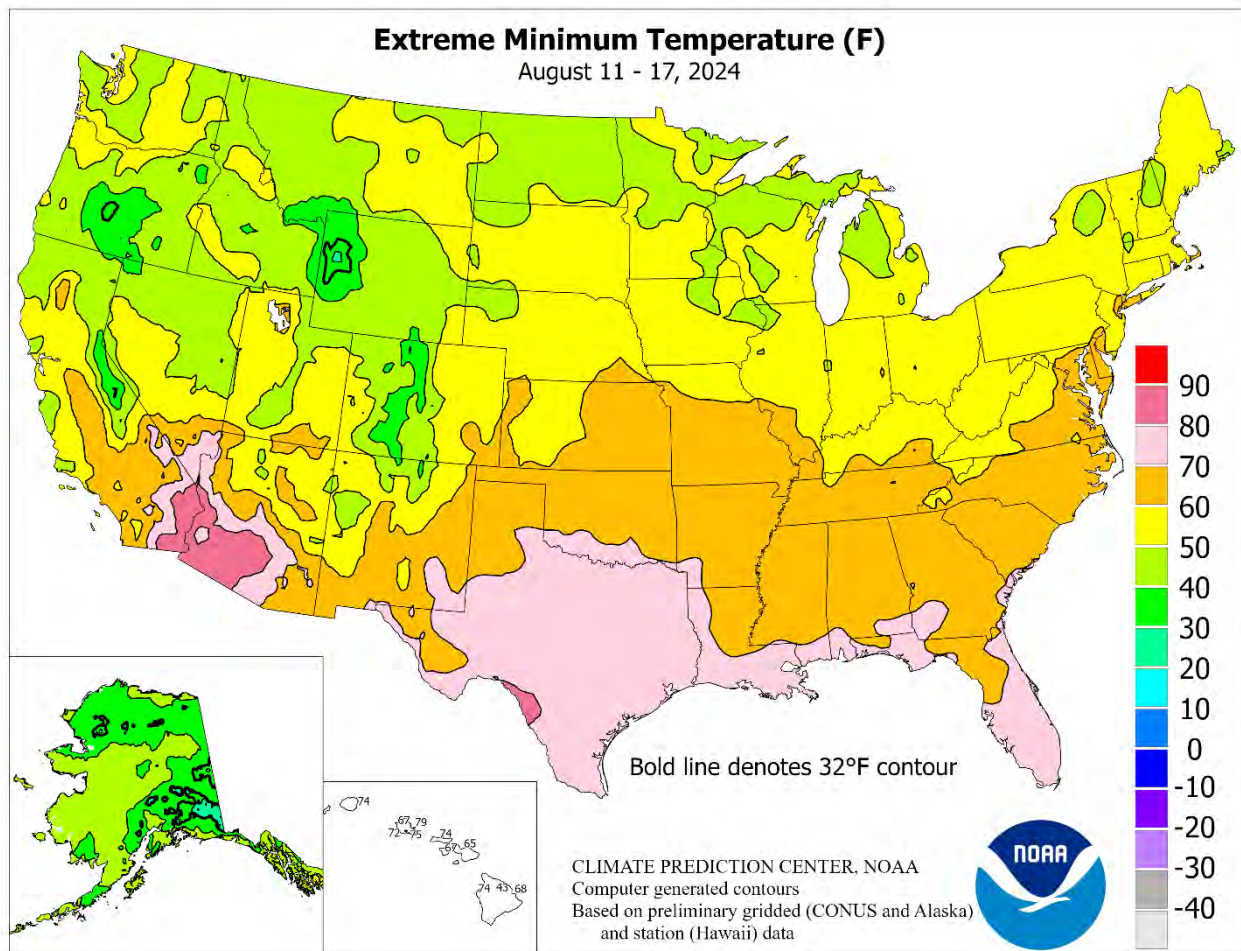
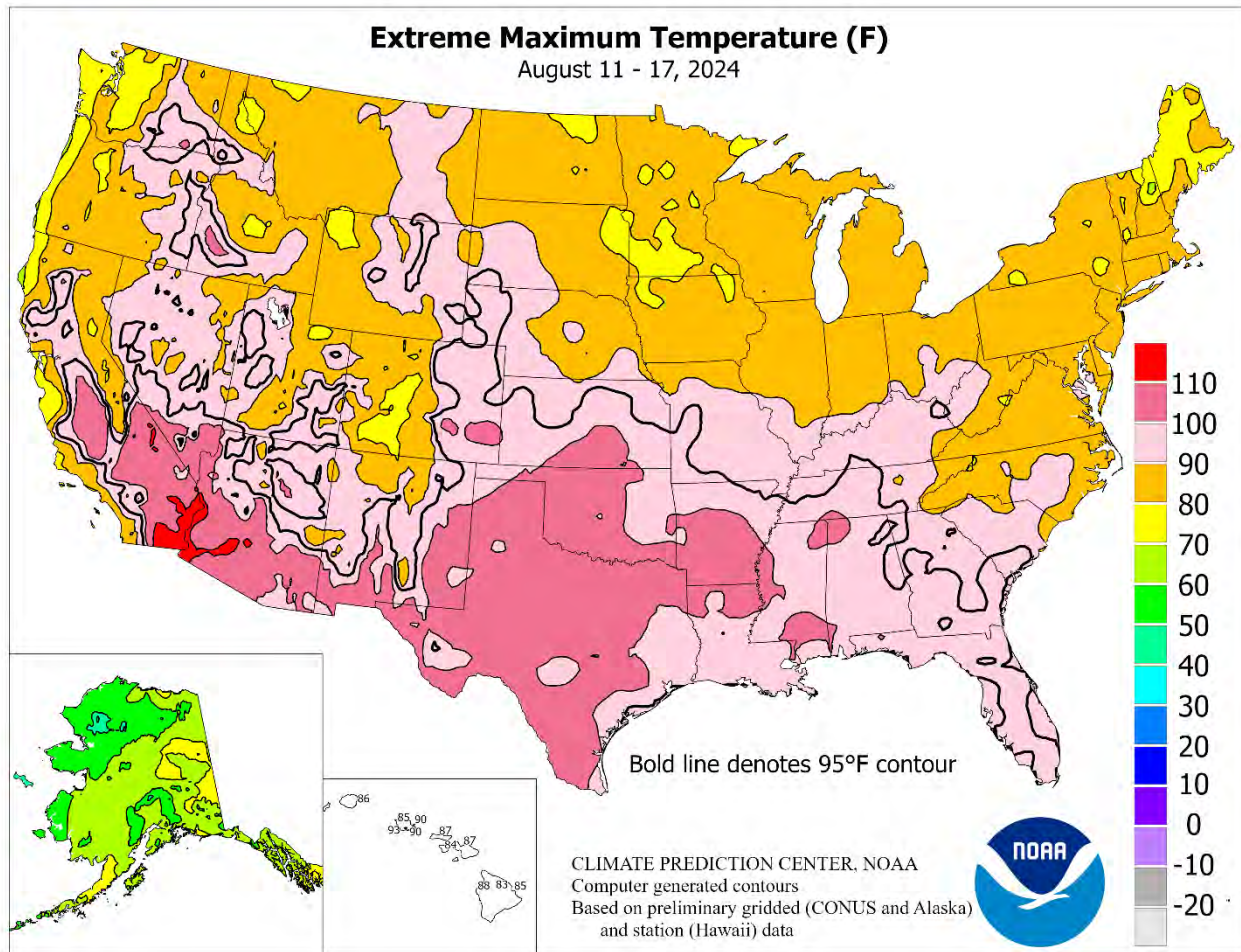
Highlights provided by USDA/WAOB

Streaks of **Midwestern** rain, mainly during the second half of the week, provided much-needed moisture for filling summer crops. The **Corn Belt**, parts of which had been trending dry in recent weeks, also benefited from another week of mild weather, with temperatures remaining well below stressful levels for corn and soybeans. Locally heavy showers extended to other regions, including the **Plains, East, and Southwest**. Despite isolated reports of flash flooding and severe weather, including large hail and high winds, most immature crops benefited from the late-

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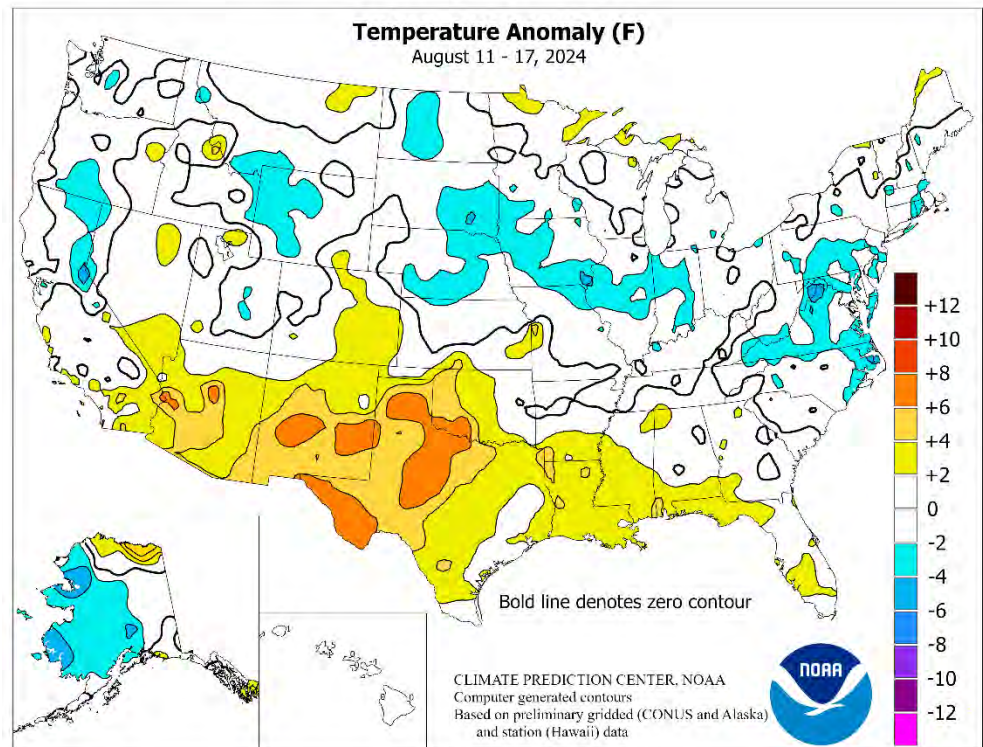


(Continued from front cover)

summer thunderstorms. However, there was a sharp cutoff between local downpours in **Oklahoma** and hot, dry weather in **Texas** and environs. Elsewhere, cooler conditions prevailed in much of the **West**, although dry weather persisted across **California** and the **Great Basin**. At week's end, showers associated with a cold front overspread the **Pacific Northwest**, boosting topsoil moisture and aiding wildfire containment efforts. Still, more than 50 active **Western** wildfires were in various stages of containment, with those fires accounting for 2.2 of 5.4 million year-to-date burned acres across the country. With much of the **western U.S.** getting a reprieve from elevated temperatures, weekly readings averaged as much as 5°F below normal in scattered locations across the **Pacific Northwest**. Similar temperatures (up to 5°F below normal) affected the **western Corn Belt**. In contrast, broiling temperatures returned across the **south-central U.S.**, with weekly readings averaging at least 5°F above normal in much of **southern New Mexico**, **southwestern Oklahoma**, and the **northwestern half of Texas**.

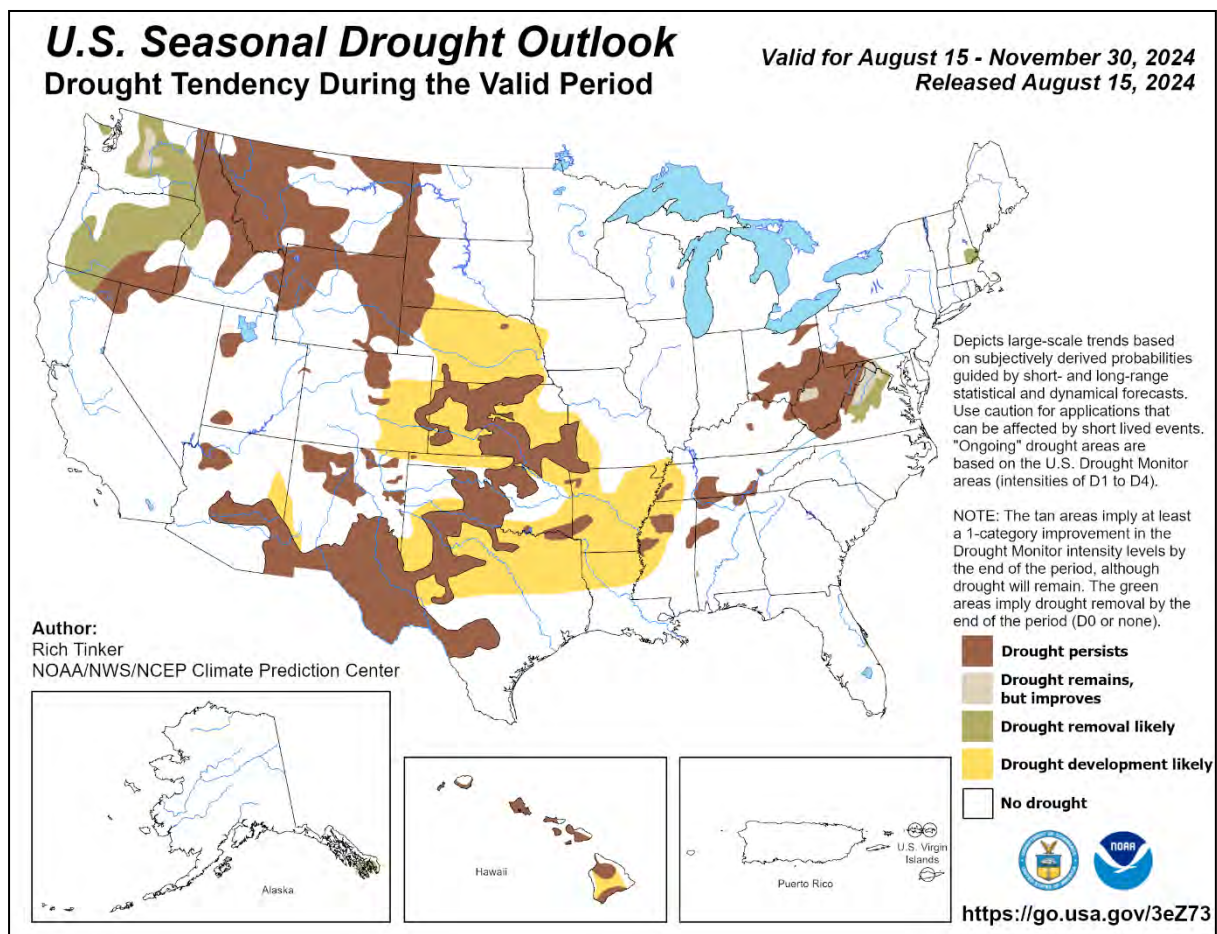
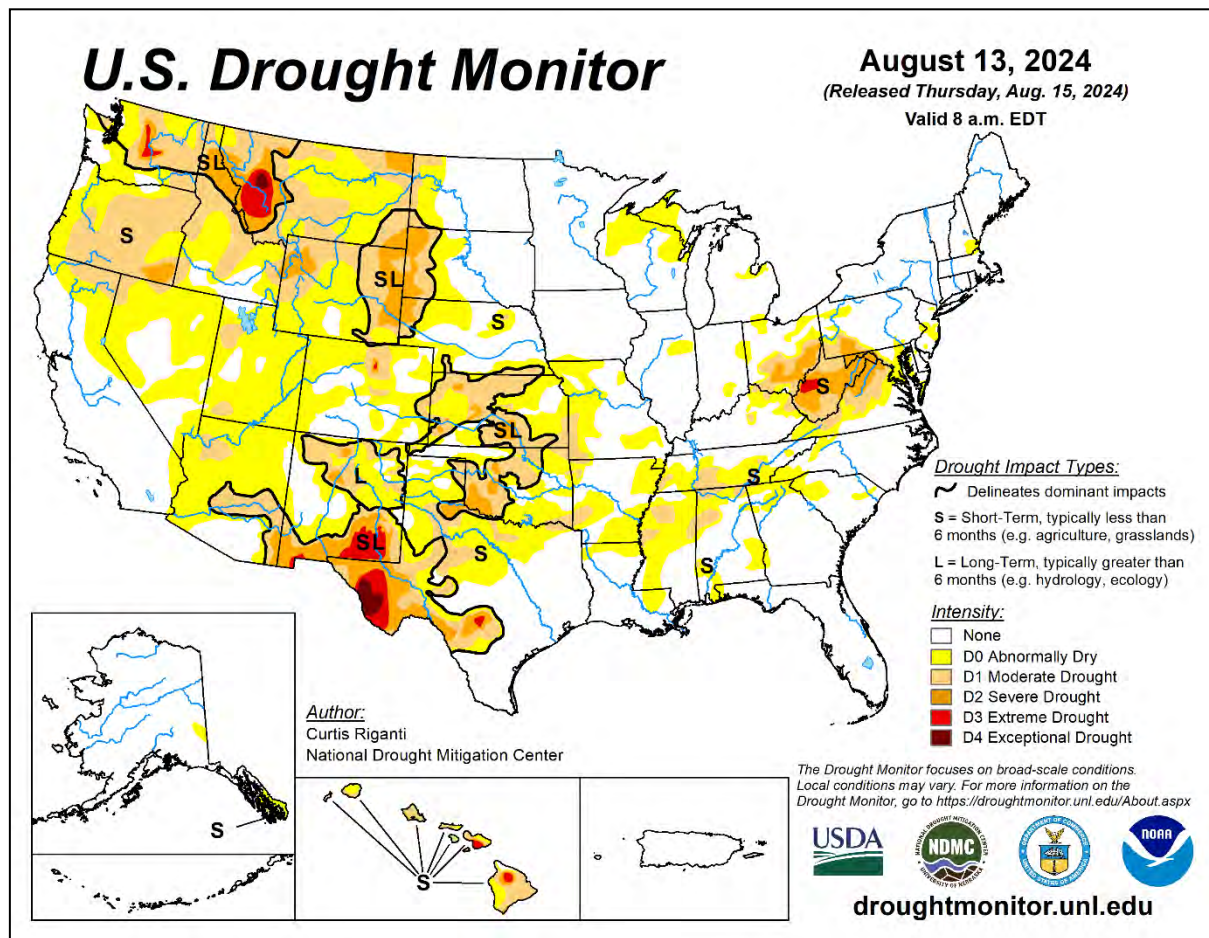
Cool weather was already in place across the **Midwest** as the week began, when **Dubuque, IA**, posted a daily-record low of 48°F on August 11. In contrast, heat persisted across the **Deep South**. In **Florida**, for example, record-setting highs for August 13 included 98°F in **Apalachicola** and 97°F in **Punta Gorda**. With a high of 99°F, **Apalachicola** set another record on August 14. Elsewhere near the **Gulf Coast** on the 14th, daily-record highs soared to 101°F in **Mobile, AL**, and 98°F in **Gulfport, MS**. High temperatures in **Gulfport** reached exactly 100°F on August 2, 6, 7, and 18. Until August 2023, when there were 7 days of triple-digit heat, the total of 4 days with highs of 100°F or greater would have tied **Gulfport's** August record, set in 1924 and 2010. Meanwhile in **southern Florida**, record-setting highs for August 15 rose to 98°F in **Miami** and 96°F in **Key West**. **Miami's** reading also tied a monthly record, most recently attained on August 1, 1990. The only time **Miami's** temperature topped 98°F was July 21, 1942, when a reading of 100°F occurred. Late in the week, heat persisted in the **Deep South** and intensified in **Texas**. On August 16-17, **Baton Rouge, LA**, collected consecutive daily-record highs (99 and 100°F, respectively). **El Paso, TX**, also closed with week with consecutive daily-record highs, reaching 105°F on both August 16 and 17. Elsewhere in **Texas**, record-setting highs for August 16 climbed to 107°F in **Childress** and 106°F in **Borger**. In **Abilene, TX**, where rainfall during the 67-day period from June 12 – August 17 totaled just 0.20 inch, temperatures have reached 100°F or higher each day during August, except the 9th. **Del Rio, TX**, last remained below the 100-degree mark on July 27.

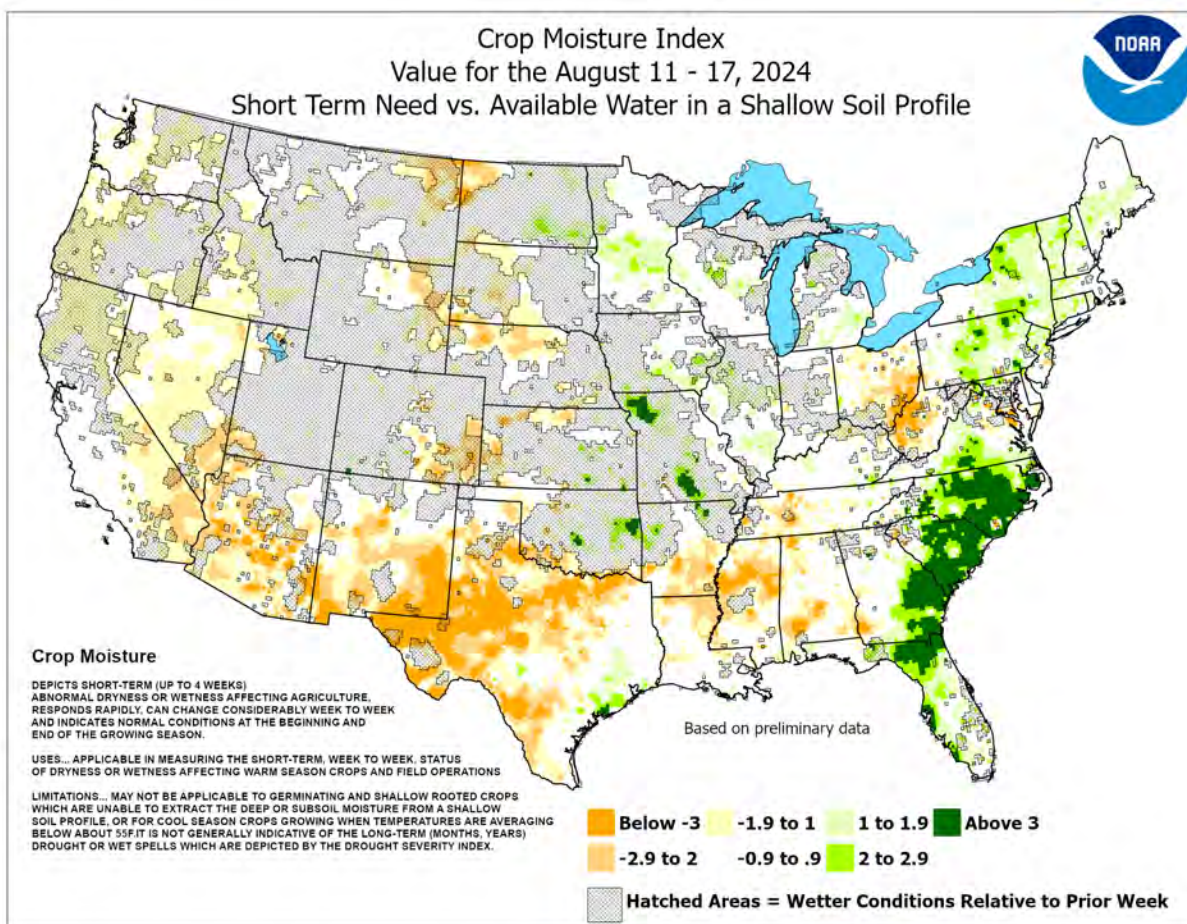
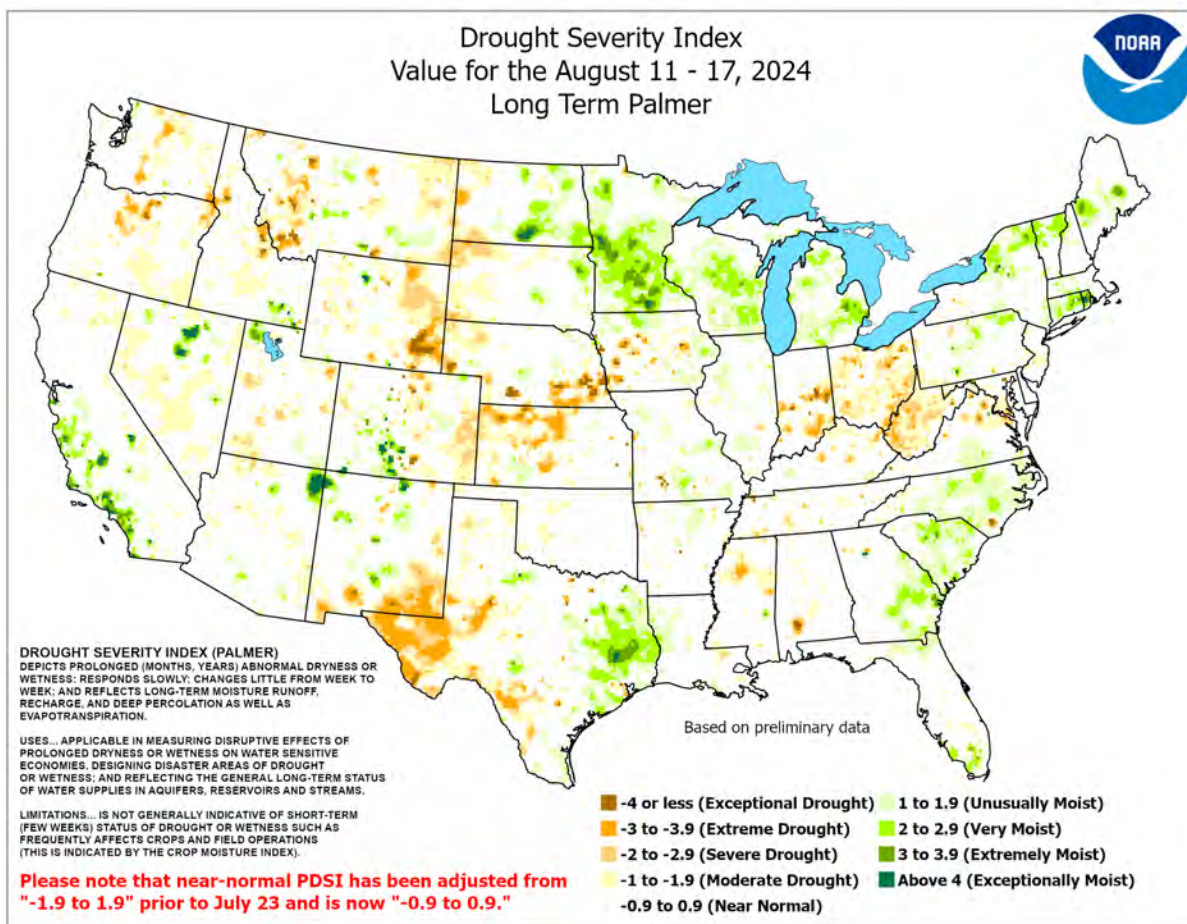
As the week began, downpours dotted the **central Plains** and neighboring areas. **Oklahoma City, OK**, experienced its wettest August day on record, with a 6.59-inch sum on the 11th; previously, the record had been 5.06 inches on August 14, 2018. Elsewhere in **Oklahoma**, August 11-12 rainfall totals included 6.60 inches in **Muskogee**; 4.41 inches in **Jenks**, south of **Tulsa**; and 3.53 inches in **McAlester**. Isolated downpours also occurred across **Florida's** peninsula, where **Sarasota-Bradenton** netted a daily-record sum (3.00 inches) for August 11. A few days later, monsoon-related showers were generally heaviest in **Utah**, where 72-hour totals (from August 11-14) at the **Hans Flat Ranger Station** in The Maze section

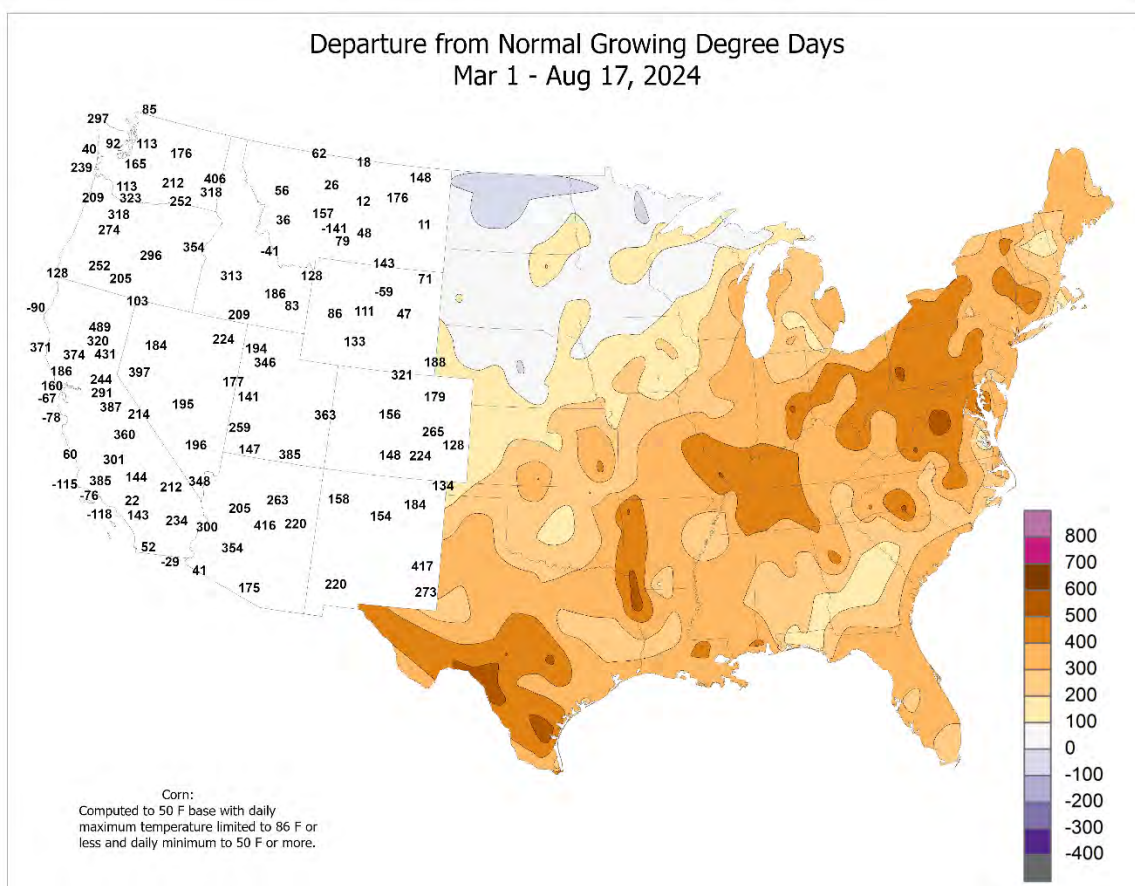
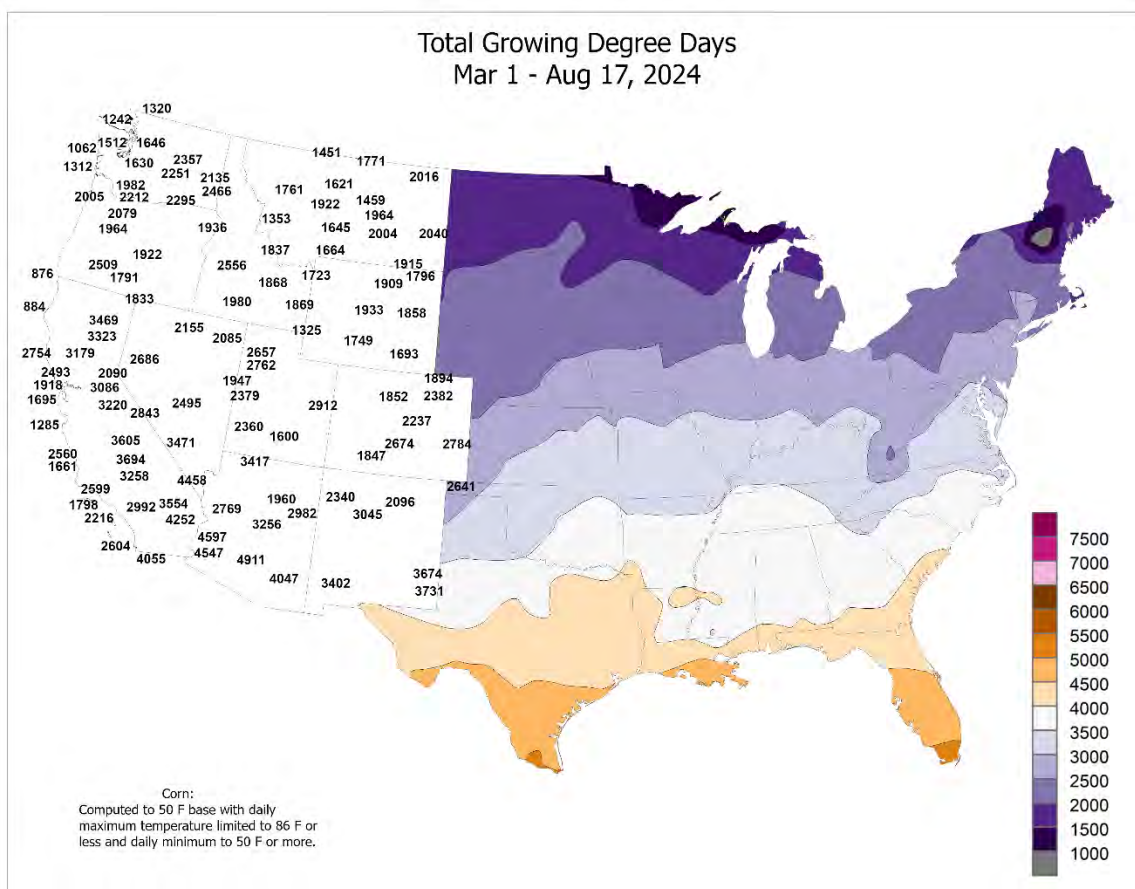


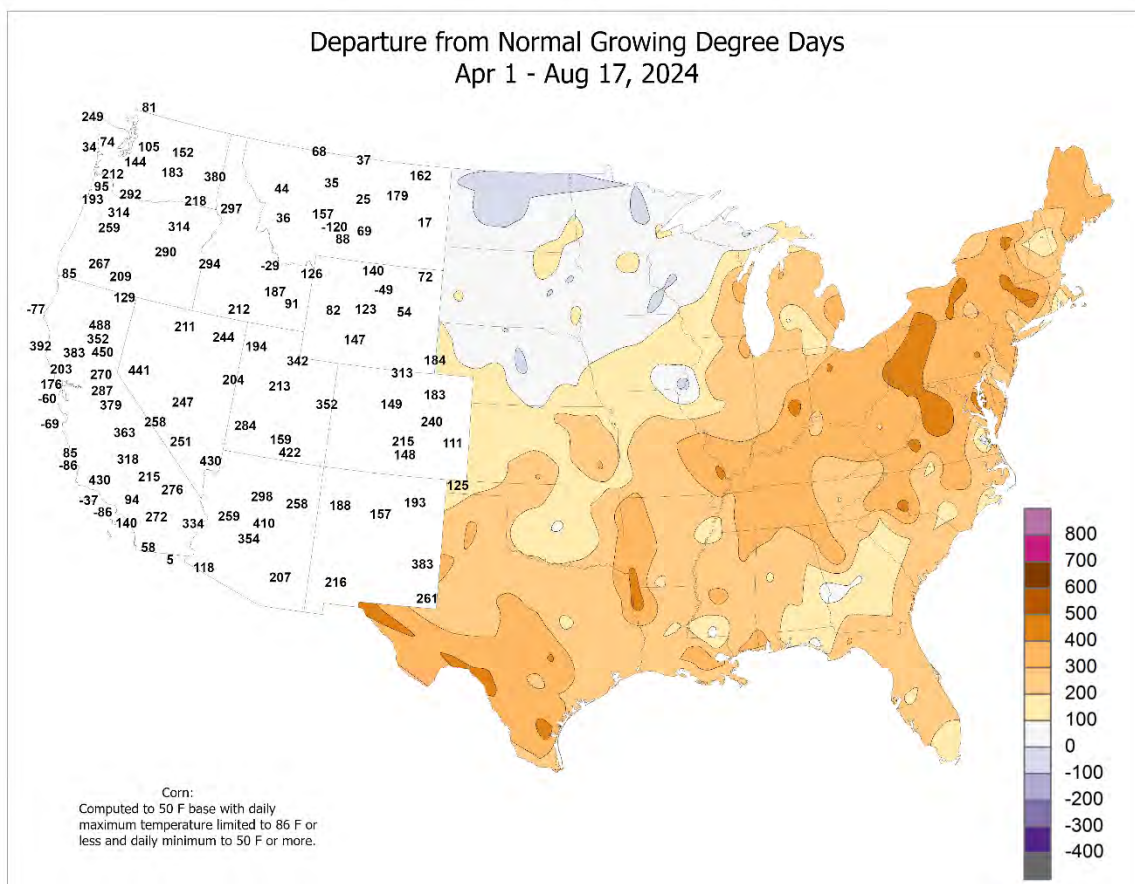
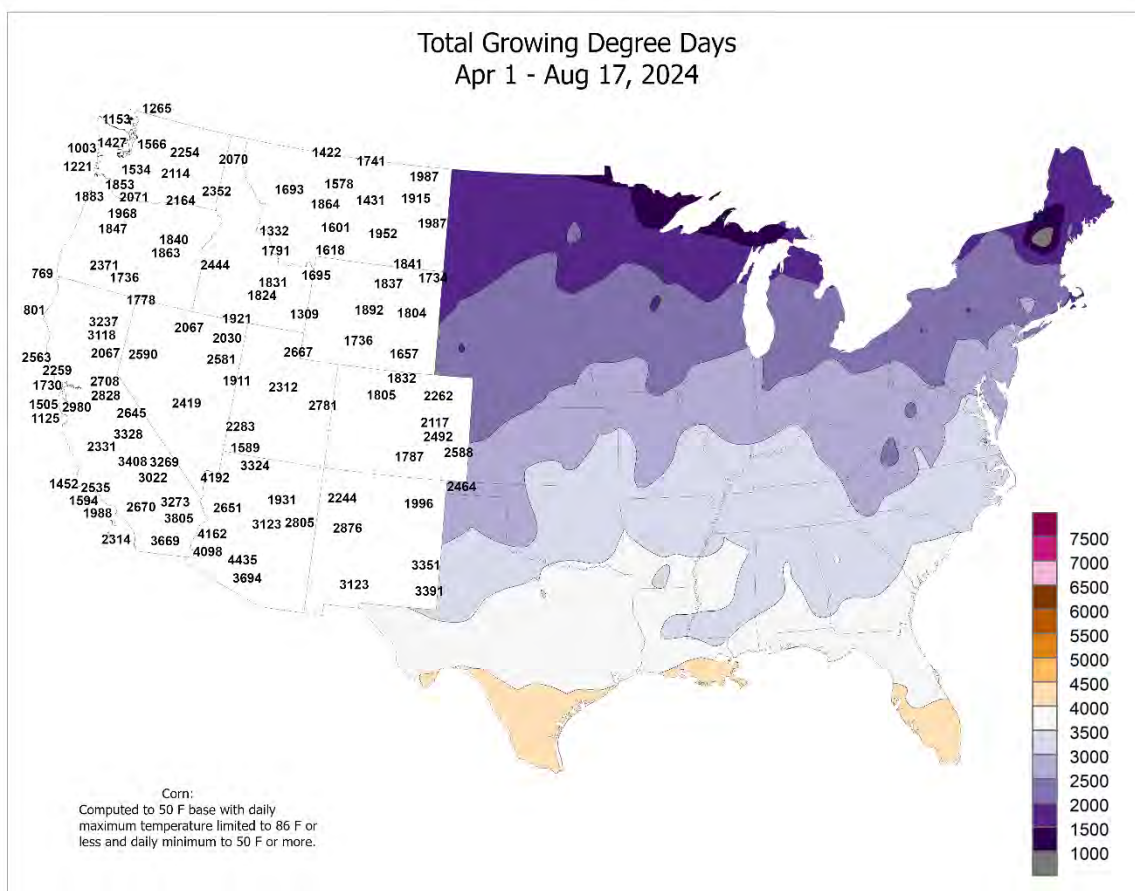
of **Canyonlands National Park** reached 2.82 inches. By the middle of the week, thunderstorms overspread portions of the **Plains** and **Midwest**, with daily-record totals for August 14 being set in **Aberdeen, SD** (2.87 inches), and **West Plains, MO** (2.44 inches). **West Plains** went on to measure another daily record (2.47 inches) on August 16, lifting the weekly sum to 6.54 inches. Meanwhile, daily-record amounts across the **North** included 1.65 inches (on August 15) in **Grand Forks, ND**, and 2.10 inches (on August 16) in **Marquette, MI**. Elsewhere on the 16th, **London, KY**, also netted a daily-record sum (1.82 inches). **Outside the contiguous U.S.**, Tropical Storm Ernesto passed over the **U.S. Virgin Islands (USVI)** late August 13 while packing sustained winds near 65 mph. That evening, wind gusts were clocked to 70 mph at **King Airport on St. Thomas** and 65 mph at **Rohlsen Airport on St. Croix**. In neighboring **Puerto Rico**, a gust to 74 mph was recorded early on the 14th at former **Roosevelt Roads Naval Station**. Storm-total rainfall broadly reached 4 to 8 inches or more across both **Puerto Rico** and the **USVI**, while some storm-surge flooding was reported on south-facing shores, especially in the latter territory. At week's end, precipitation overspread the **Pacific Northwest**. Record-setting rainfall totals for August 17 included 0.58 inch in **Olympia, WA**, and 0.50 inch in **Hillsboro, OR**.

Much of **Alaska** experienced another very wet week, while near- or above-normal temperatures were confined to **eastern and northern sections of the state**. Daily-record totals were observed in several **Alaskan** locations, including **St. Paul Island** (1.17 inches on August 14) and **McGrath** (0.90 inch on August 15). Through August 17, month-to-date precipitation ranged from 200 to 300 percent of normal in locations such as **Bethel** (4.00 inches), **Anchorage** (3.72 inches), and **Kotzebue** (3.46 inches). With an August 1-17 total of 5.63 inches, **Nome's** total was 306 percent of normal. In contrast, month-to-date amounts in **southeastern Alaska** were as low as 0.02 inch (less than one-half of one percent of normal) in **Ketchikan** and 0.31 inch (10 percent) in **Juneau**. The driest August on record in **Juneau** occurred in 1979, when 0.56 inch fell. Farther south, **Hawaii's** dry summer continued. With 2 weeks left in meteorological summer, June 1 – August 17 rainfall at the state's major airport observation sites ranged from 0.11 inch (8 percent of normal) in **Honolulu, Oahu**, to 11.64 inches (51 percent) in **Hilo**, on the **Big Island**.









National Weather Data for Selected Cities

Weather Data for the Week Ending August 17, 2024

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN. SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL, IN. SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AK	ANCHORAGE	62	49	66	45	56	-2	0.61	-0.05	0.44	8.44	194	13.17	169	92	60	0	0	4	0
	BARROW	48	41	54	37	44	0	0.00	-0.25	0.00	0.00	0	0.02	0	89	73	0	0	0	0
	FAIRBANKS	66	49	75	42	57	-1	0.66	0.17	0.26	7.84	156	10.13	136	89	49	0	0	4	0
	JUNEAU	66	48	70	42	57	1	0.24	-1.13	0.17	17.31	143	42.56	128	95	53	0	0	2	0
	KODIAK	62	49	64	44	55	-2	0.14	-0.90	0.14	15.30	125	51.59	117	90	65	0	0	1	0
AL	NOME	52	46	57	44	49	-1	1.92	1.17	0.74	12.09	233	18.19	191	98	73	0	0	3	2
	BIRMINGHAM	94	72	98	65	83	1	0.00	-0.96	0.00	13.13	103	35.53	92	79	41	7	0	0	0
	HUNTSVILLE	94	69	98	65	82	1	0.17	-0.64	0.17	12.62	119	40.45	113	90	43	5	0	1	0
	MOBILE	99	75	101	73	87	5	2.04	0.48	1.96	18.80	103	47.39	105	90	41	7	0	2	1
	MONTGOMERY	96	72	98	67	84	1	0.00	-0.90	0.00	6.09	53	39.04	114	90	40	7	0	0	0
AR	FORT SMITH	92	72	101	67	82	-1	5.93	5.14	2.41	15.58	158	37.21	124	95	55	5	0	4	4
	LITTLE ROCK	96	74	103	70	85	3	0.05	-0.64	0.05	7.53	88	42.35	133	86	44	6	0	1	0
AZ	FLAGSTAFF	82	53	86	47	68	3	0.04	-0.66	0.03	5.57	119	14.91	119	83	33	0	0	2	0
	PHOENIX	110	90	113	88	100	6	0.00	-0.21	0.00	0.39	26	4.15	94	36	17	7	0	0	0
	PRESCOTT	91	65	94	63	78	3	0.23	-0.36	0.23	4.73	130	9.41	116	68	26	3	0	1	0
CA	TUCSON	101	78	106	76	90	3	0.04	-0.41	0.04	7.43	206	12.60	199	62	25	7	0	1	0
	BAKERSFIELD	98	71	105	68	85	1	0.00	0.00	0.00	0.00	0	5.40	121	47	16	7	0	0	0
	EUREKA	65	52	69	47	58	0	0.08	0.04	0.08	1.31	135	29.95	122	98	78	0	0	1	0
	FRESNO	98	70	104	68	84	2	0.00	0.00	0.00	0.07	26	9.06	116	52	15	7	0	0	0
	LOS ANGELES	77	66	81	65	72	1	0.00	0.00	0.00	0.00	0	15.37	177	90	64	0	0	0	0
CO	REDDING	94	67	100	66	81	0	0.01	-0.01	0.01	0.01	1	20.80	97	57	20	6	0	1	0
	SACRAMENTO	88	60	92	57	74	-1	0.00	-0.01	0.00	0.00	0	11.97	98	78	31	3	0	0	0
	SAN DIEGO	78	70	82	68	74	2	0.00	0.00	0.00	0.00	0	10.89	160	86	65	0	0	0	0
	SAN FRANCISCO	68	54	72	52	61	-4	0.00	-0.01	0.00	0.00	0	14.31	112	98	62	0	0	0	0
	STOCKTON	92	63	96	60	78	0	0.00	0.00	0.00	0.00	0	10.65	119	68	25	6	0	0	0
CT	ALAMOSA	81	49	89	46	65	1	0.57	0.27	0.31	4.14	188	6.86	152	94	31	0	0	2	0
	CO SPRINGS	87	58	93	54	72	2	0.56	-0.17	0.37	7.24	99	13.57	112	80	25	1	0	3	0
	DENVER INTL	91	60	98	56	75	2	0.34	-0.03	0.25	3.39	66	11.49	108	81	22	3	0	2	0
	GRAND JUNCTION	91	64	97	59	77	1	0.52	0.30	0.24	2.98	200	5.59	106	71	23	4	0	3	0
	PUEBLO	95	61	102	56	78	3	0.27	-0.27	0.24	5.82	129	11.34	124	80	19	7	0	2	0
DC	BRIDGEPORT	81	65	85	59	73	-2	0.16	-0.76	0.14	10.53	112	35.24	127	87	52	0	0	2	0
	HARTFORD	85	62	89	59	74	1	0.19	-0.78	0.12	12.56	114	37.98	131	87	43	0	0	2	0
DE	WASHINGTON	87	69	90	68	78	-2	0.19	-0.49	0.19	10.33	100	27.18	102	78	41	1	0	1	0
FL	WILMINGTON	84	63	88	60	74	-3	0.23	-0.64	0.23	14.24	125	36.08	125	90	45	0	0	1	0
	DAYTONA BEACH	92	76	95	73	84	2	0.85	-0.61	0.47	19.27	117	31.07	99	98	56	5	0	2	0
	JACKSONVILLE	92	74	97	68	83	1	0.39	-1.13	0.28	26.26	145	42.61	125	94	52	5	0	3	0
	KEY WEST	93	83	98	80	88	2	0.97	-0.22	0.50	16.21	154	30.41	147	88	64	6	0	4	1
	MIAMI	93	80	98	76	86	2	1.03	-1.18	0.75	30.10	131	45.26	115	87	56	7	0	4	1
GA	ORLANDO	94	76	97	74	85	2	0.72	-1.04	0.43	19.24	96	27.43	80	97	53	7	0	2	0
	PENSACOLA	92	76	95	74	84	1	0.03	-1.67	0.03	20.30	104	44.79	101	85	43	6	0	1	0
	TALLAHASSEE	97	75	99	69	86	3	0.28	-1.52	0.28	19.26	99	49.08	121	89	40	7	0	1	0
	TAMPA	91	78	94	75	85	1	1.24	-0.89	0.63	33.54	166	44.78	134	90	59	6	0	4	1
	WEST PALM BEACH	92	79	95	77	85	2	0.50	-1.56	0.42	15.75	84	36.17	98	90	60	6	0	2	0
HI	ATHENS	92	71	95	69	81	1	1.12	0.01	1.00	12.64	107	41.46	130	94	49	5	0	3	1
	ATLANTA	92	72	95	69	82	2	0.70	-0.30	0.39	19.34	166	45.26	137	85	42	7	0	2	0
	AUGUSTA	91	70	95	66	81	-2	0.01	-1.08	0.01	18.54	155	33.00	111	98	48	5	0	1	0
	COLUMBUS	95	74	97	72	85	2	1.20	0.09	1.20	9.02	81	38.52	131	79	38	7	0	1	1
	MACON	93	69	95	67	81	-1	0.00	-1.02	0.00	9.36	80	33.76	109	100	47	7	0	0	0
IA	SAVANNAH	93	74	96	70	83	1	1.43	0.21	0.71	24.65	160	43.89	136	96	47	6	0	2	2
	HILO	83	70	85	68	77	0	1.44	-1.29	0.51	11.27	49	58.10	82	97	69	0	0	6	1
	HONOLULU	89	76	90	75	83	1	0.03	-0.16	0.02	0.27	19	9.33	101	80	47	2	0	2	0
	KAHULUI	86	70	87	65	78	-4	0.03	-0.09	0.03	0.46	46	8.34	82	93	56	0	0	1	0
	LIHUE	86	76	86	74	81	1	0.30	-0.24	0.10	2.78	58	25.01	118	88	61	0	0	6	0
IL	BURLINGTON	80	61	86	53	71	-4	0.85	0.00	0.72	11.48	105	29.06	114	97	65	0	0	2	1
	CEDAR RAPIDS	80	61	84	50	70	-1	1.32	0.39	0.70	15.48	126	25.09	103	100	64	0	0	4	1
	DES MOINES	80	65	87	59	73	-2	1.77	0.81	1.12	16.62	146	31.28	123	92	61	0	0	3	2
	DUBUQUE	80	60	83	48	70	0	0.87	-0.01	0.56	11.92	97	26.39	102	98	58	0	0	3	1
	SIOUX CITY	78	61	83	54	69	-3	2.39	1.44	1.52	13.17	134	27.51	136	97	67	0	0	3	1
ID	WATERLOO	81	61	85	49	71	-1	0.61	-0.34	0.33	13.75	111	31.56	124	93	55	0	0	4	0
	BOISE	92	64	102	59	78	2	0.00	-0.04	0.00	0.85	80	10.43	138	50	16	3	0	0	0
	LEWISTON	89	63	100	54	76	0	0.24	0.11	0.18	1.25	63	6.52	75	64	23	3	0	3	0
	POCATELLO	88	52	94	46	70	0	0.14	0.02	0.13	1.41	81	10.21	133	82	23	2	0	2	0
	CHICAGO/O_HARE	83	65	87	58	74	0	1.18	0.17	0.83	11.95	117	26.66	106	85	47	0	0	3	1
IN	MOLINE	82	61	87	52	71	-3	2.67	1.76	2.05	12.09	106	26.11	100	94	57	0	0	4	1
	PEORIA	83	63	89	55	73	-2	2.31	1.60	1.18	9.11	102	25.22	103	95	55	0	0	5	2
	ROCKFORD	82	60	86	50	71	-1	1.04	0.06	0.60	13.28	117	28.57	114	97	51	0	0	2	1
	SPRINGFIELD	82	62	87	53	72	-3	1.63	0.92	0.85	10.97	106	22.20	89	98	60	0	0	3	2
	EVANSVILLE	87	66	94	60	77	-1	0.00	-0.70	0.00	8.68	82	31.43	97	91	47	2	0	0	0
KS																				

Weather Data for the Week Ending August 17, 2024

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	92	69	101	63	80	0	1.91	0.87	1.32	9.83	86	19.61	81	94	51	6	0	6	1	
	LEXINGTON	88	63	92	55	75	-1	1.14	0.31	0.71	10.20	83	31.79	94	91	45	3	0	2	1	
	LOUISVILLE	89	69	96	62	79	-1	0.28	-0.56	0.26	11.57	110	32.44	101	80	40	4	0	2	0	
LA	PADUCAH	88	68	93	63	78	-1	0.95	0.27	0.59	11.65	109	34.95	105	92	52	3	0	5	1	
	BATON ROUGE	99	76	100	73	87	5	1.31	-0.12	0.80	14.11	94	44.75	110	89	44	7	0	2	2	
	LAKE CHARLES	96	77	99	74	87	3	0.00	-1.34	0.00	24.02	155	53.51	139	93	49	7	0	0	0	
MA	NEW ORLEANS	96	78	98	76	87	3	0.56	-0.95	0.28	18.88	104	52.46	122	94	50	7	0	3	0	
	SHREVEPORT	98	78	100	75	88	4	***	***	***	***	***	***	***	82	41	7	0	***	***	
	BOSTON	78	65	84	63	71	-2	0.89	0.16	0.89	10.57	117	34.40	128	84	57	0	0	1	1	
MD	WORCESTER	78	60	83	55	69	-1	0.23	-0.70	0.23	9.72	92	40.50	138	91	53	0	0	1	0	
	BALTIMORE	86	64	89	63	75	-1	0.38	-0.50	0.38	8.51	79	27.01	96	91	44	0	0	1	0	
	CARIBOU	77	56	81	56	67	1	0.19	-0.61	0.19	11.95	118	23.93	96	95	52	0	0	1	0	
ME	PORTLAND	75	59	81	57	67	-3	0.50	-0.31	0.44	10.09	105	32.84	113	96	60	0	0	2	0	
	ALPENA	79	56	86	52	67	0	1.19	0.52	1.05	13.80	182	26.85	145	98	52	0	0	2	1	
	GRAND RAPIDS	81	60	84	56	71	-1	0.96	0.15	0.44	13.65	139	27.35	109	96	50	0	0	3	0	
MI	HOUGHTON LAKE	72	64	72	63	68	2	1.06	0.87	0.75	2.89	105	11.96	96	100	89	0	0	2	1	
	LANSING	80	59	84	53	70	-1	1.15	0.32	0.50	14.41	165	26.56	122	97	53	0	0	3	1	
	MUSKEGON	80	62	85	56	71	0	1.77	1.08	1.42	10.87	145	22.36	104	92	52	0	0	2	1	
MN	TRAVERSE CITY	82	58	88	51	70	1	1.35	0.70	0.74	7.52	110	17.16	102	93	49	0	0	4	1	
	DULUTH	78	59	84	54	69	3	1.39	0.54	1.26	12.66	122	21.86	111	91	56	0	0	3	1	
	INT_L FALLS	77	55	81	49	66	2	0.43	-0.20	0.26	9.55	103	17.64	106	96	56	0	0	2	0	
MO	MINNEAPOLIS	80	62	82	56	71	-1	1.01	-0.04	0.74	16.22	145	29.08	135	89	48	0	0	3	1	
	ROCHESTER	77	58	80	50	68	-1	1.04	0.09	0.51	18.61	157	29.45	123	96	60	0	0	4	1	
	ST. CLOUD	81	58	82	48	69	1	0.35	-0.57	0.33	15.33	161	28.28	150	92	51	0	0	2	0	
MS	COLUMBIA	82	68	92	62	75	-3	2.93	1.99	2.05	15.96	151	31.79	115	95	63	1	0	2	2	
	KANSAS CITY	83	66	90	61	75	-3	0.98	0.04	0.58	11.65	97	26.05	98	99	66	2	0	5	1	
	SAINT LOUIS	86	71	95	66	78	-1	0.97	0.21	0.60	10.23	98	30.76	108	83	48	3	0	3	1	
MT	SPRINGFIELD	87	69	94	66	78	-1	1.19	0.41	1.09	12.25	119	31.14	107	96	59	3	0	2	1	
	JACKSON	98	73	100	68	86	4	1.28	0.20	0.56	12.56	103	53.96	139	85	38	7	0	3	2	
	MERIDIAN	97	71	99	64	84	1	0.02	-0.99	0.02	4.99	42	34.43	90	93	43	7	0	1	0	
NC	TUPELO	95	72	101	64	83	1	0.02	-0.93	0.02	9.23	77	37.90	99	89	42	7	0	1	0	
	BILLINGS	85	57	88	56	71	-1	0.02	-0.16	0.02	1.85	47	9.06	90	79	25	0	0	1	0	
	BUTTE	78	43	84	41	60	-2	0.35	0.06	0.17	3.68	84	7.45	82	96	26	0	0	4	0	
ND	CUT BANK	80	51	83	47	66	1	0.46	0.26	0.25	3.25	71	5.67	71	93	31	0	0	4	0	
	GLASGOW	88	61	92	55	74	3	0.27	-0.01	0.12	3.54	64	8.71	87	78	27	2	0	5	0	
	GREAT FALLS	85	51	88	47	68	0	0.32	0.04	0.20	5.14	112	11.94	113	96	26	0	0	3	0	
NE	HAVRE	86	56	91	52	71	1	0.41	0.21	0.22	5.67	125	12.71	145	87	30	1	0	2	0	
	MISSOULA	86	51	91	48	68	0	0.07	-0.12	0.06	2.67	78	8.66	92	85	27	1	0	2	0	
	ASHEVILLE	84	65	87	63	74	0	0.12	-1.06	0.07	17.16	138	40.62	126	96	55	0	0	2	0	
OH	CHARLOTTE	87	70	91	67	79	0	1.04	0.05	0.32	13.90	136	35.72	127	93	51	1	0	5	0	
	GREENSBORO	84	67	87	62	75	-3	0.64	-0.30	0.35	17.93	167	41.36	147	94	56	0	0	2	0	
	HATTERAS	84	71	86	66	77	-4	0.62	-0.77	0.62	15.32	116	32.40	91	96	63	0	0	1	1	
PA	RALEIGH	89	70	91	66	79	0	0.03	-0.94	0.03	19.66	170	35.32	122	90	51	3	0	1	0	
	WILMINGTON	88	70	90	66	79	-1	1.06	-0.75	0.76	25.84	153	41.73	116	94	53	2	0	3	1	
	BISMARCK	78	58	81	50	68	-2	2.37	1.78	1.60	8.54	108	15.24	112	98	58	0	0	2	2	
RI	DICKINSON	80	54	85	48	67	-2	1.17	0.83	0.79	6.49	100	11.44	99	99	49	0	0	3	1	
	FARGO	79	60	84	47	69	0	2.53	1.97	1.24	8.75	100	18.63	116	93	56	0	0	3	3	
	GRAND FORKS	81	59	84	47	70	2	2.31	1.68	1.69	11.94	136	18.95	128	87	50	0	0	3	2	
SD	JAMESTOWN	77	57	80	47	67	-1	1.47	0.96	1.04	9.94	121	15.52	110	99	61	0	0	4	1	
	GRAND ISLAND	82	63	92	59	72	-3	0.63	-0.14	0.42	8.19	86	22.81	117	98	60	1	0	4	0	
	LINCOLN	84	65	92	60	74	-2	0.56	-0.15	0.40	10.62	112	19.98	103	94	55	1	0	3	0	
TN	NORFOLK	81	62	87	56	71	-1	0.89	0.01	0.81	9.04	96	23.10	121	95	57	0	0	3	1	
	NORTH PLATTE	84	60	91	56	72	-2	0.30	-0.33	0.16	8.54	101	18.28	113	95	50	2	0	3	0	
	OMAHA	82	65	89	58	74	-3	2.74	1.63	1.64	11.54	110	27.56	126	96	58	0	0	2	2	
TX	SCOTTSBLUFF	89	58	95	54	74	0	0.22	-0.06	0.15	6.06	123	11.94	103	87	33	3	0	2	0	
	VALENTINE	87	59	94	53	73	-1	0.15	-0.33	0.13	6.68	82	14.67	91	93	40	3	0	2	0	
	CONCORD	78	56	84	52	67	-3	0.54	-0.29	0.34	11.22	118	30.45	120	100	54	0	0	2	0	
VA	ATLANTIC_CITY	85	63	88	58	74	-2	0.03	-1.03	0.03	11.78	110	34.94	122	85	42	0	0	1	0	
	NEWARK	86	68	90	64	77	1	0.17	-0.77	0.17	11.89	103	31.16	104	76	40	1	0	1	0	
	ALBUQUERQUE	96	69	99	66	82	5	0.00	-0.30	0.00	5.20	171	6.60	125	54	18	7	0	0	0	
WY	ELY	87	51	91	41	69	1	0.14	-0.04	0.14	3.45	213	8.29	130	56	14	1	0	1	0	
	LAS VEGAS	106	87	108	82	96	4	0.00	-0.07	0.00	0.08	14	2.15	80	28	11	7	0	0	0	
	RENO	89	58	93	56	74	-2	0.00	-0.06	0.00	0.95	121	5.90	120	41	11	3	0	0	0	
AZ	WINNEMUCCA	91	53	95	44	72	0	0.00	-0.02	0.00	0.26	35	7.07	139	50	8	5	0	0	0	
	ALBANY	82	60	86	55	71	-1	0.09	-0.75	0.09	12.96	119	31.33	123	91	49	0	0	1	0	
	BINGHAMTON	75	57	80	55	66	-2	0.98	0.06	0.70	14.66	135	33.83	128	95	56	0	0	4	1	
CA	BUFFALO	80	62	86	58	71	0	0.73	0.01	0.28	10.43	124	23.62	98	88	46	0	0	3	0	
	ROCHESTER	82</																			

Weather Data for the Week Ending August 17, 2024

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
OK	TOLEDO	81	62	86	57	71	-3	0.00	-0.71	0.00	9.38	110	28.46	123	100	50	0	0	0	0
	YOUNGSTOWN	81	58	86	52	69	-1	0.07	-0.66	0.05	10.46	103	31.74	120	95	46	0	0	2	0
	OKLAHOMA CITY	95	73	99	65	84	3	6.80	6.00	6.80	15.74	157	27.37	112	90	48	6	0	1	1
OR	TULSA	94	73	98	67	83	0	2.98	2.24	1.57	10.40	101	32.21	120	92	54	6	0	4	2
	ASTORIA	70	58	73	55	64	3	0.47	0.23	0.29	5.34	148	44.24	114	90	63	0	0	3	0
	BURNS	86	49	93	42	68	1	0.12	0.07	0.12	0.77	66	7.22	108	70	18	3	0	1	0
PA	EUGENE	81	55	87	49	68	0	0.42	0.35	0.42	1.97	117	19.93	86	86	39	0	0	1	0
	MEDFORD	86	59	93	52	73	-3	0.39	0.31	0.39	0.76	68	11.52	109	72	26	1	0	1	0
	PENDLETON	86	58	99	51	72	-1	0.00	-0.07	0.00	1.04	70	8.49	103	61	25	2	0	0	0
RI	PORTLAND	79	62	84	60	71	-1	0.45	0.34	0.45	2.39	101	22.28	108	77	39	0	0	1	0
	SALEM	79	59	84	54	69	-1	0.25	0.17	0.25	1.39	84	24.61	111	80	40	0	0	1	0
	ALLENTOWN	82	59	87	55	71	-3	0.14	-0.89	0.14	9.48	76	31.55	107	91	42	0	0	1	0
SC	ERIE	79	62	85	58	70	-2	0.59	-0.15	0.32	11.00	123	24.30	97	88	55	0	0	2	0
	MIDDLETOWN	82	63	88	60	73	-3	0.01	-0.77	0.01	12.70	117	33.20	120	89	46	0	0	1	0
	PHILADELPHIA	84	68	88	63	76	-1	0.71	-0.24	0.71	12.59	116	32.89	119	78	39	0	0	1	1
SD	PITTSBURGH	82	60	86	55	71	-1	0.57	-0.20	0.57	9.58	92	32.20	122	86	43	0	0	1	1
	WILKES-BARRE	81	59	85	56	70	-2	0.95	0.09	0.45	13.04	135	31.44	132	93	46	0	0	3	0
	WILLIAMSPORT	83	59	86	56	71	-1	0.38	-0.52	0.30	13.32	122	36.45	135	95	46	0	0	2	0
TN	PROVIDENCE	80	61	85	58	70	-3	0.97	0.16	0.50	12.84	147	45.78	159	98	54	0	0	2	1
	CHARLESTON	91	73	96	68	82	1	0.19	-1.38	0.15	27.35	164	46.01	139	93	52	4	0	2	0
	COLUMBIA	90	72	92	69	81	0	1.68	0.62	0.89	21.00	160	41.13	137	99	60	4	0	3	2
TX	FLORENCE	90	72	92	68	81	0	0.29	-0.78	0.29	20.43	155	37.35	127	95	53	5	0	1	0
	GREENVILLE	87	69	92	67	78	-1	1.65	0.57	1.26	9.70	84	36.65	113	93	57	1	0	3	1
	ABERDEEN	80	60	84	54	70	0	2.89	2.39	2.87	10.82	134	17.89	116	92	59	0	0	2	1
UT	HURON	78	60	85	57	69	-3	0.43	-0.16	0.43	8.56	103	17.33	105	95	59	0	0	1	0
	RAPID CITY	87	59	95	55	73	1	0.52	0.15	0.48	3.80	62	11.70	87	87	34	4	0	2	0
	SIOUX FALLS	78	60	84	54	69	-3	0.72	-0.06	0.70	14.34	152	26.20	135	94	60	0	0	3	1
VA	BRISTOL	87	62	89	58	74	0	1.60	0.77	1.60	10.66	95	29.25	96	98	48	0	0	1	1
	CHATTANOOGA	92	70	97	67	81	1	0.84	0.04	0.83	7.56	66	30.93	86	83	42	6	0	2	1
	KNOXVILLE	89	67	92	63	78	0	1.34	0.55	0.77	15.61	134	42.72	121	92	43	4	0	2	2
WV	MEMPHIS	92	74	98	69	83	0	0.31	-0.46	0.30	9.33	86	33.24	90	83	48	4	0	2	0
	NASHVILLE	92	69	99	63	81	1	0.55	-0.31	0.55	7.13	67	31.78	94	79	36	5	0	1	1
	ABILENE	104	80	106	77	92	7	0.00	-0.54	0.00	2.15	32	13.49	85	66	25	7	0	0	0
WY	AMARILLO	101	71	103	68	86	7	0.56	-0.13	0.56	9.98	134	16.07	117	71	23	7	0	1	1
	AUSTIN	100	78	102	76	89	2	0.00	-0.57	0.00	6.13	89	23.62	108	92	35	7	0	0	0
	BEAUMONT	98	77	99	74	87	3	0.08	-1.32	0.08	19.78	118	58.54	156	95	48	7	0	1	0
WY	BROWNSVILLE	96	80	97	79	88	1	0.21	-0.18	0.21	15.31	266	20.65	158	97	56	7	0	1	0
	CORPUS CHRISTI	96	76	100	75	86	1	0.00	-0.55	0.00	12.33	170	18.99	107	97	54	7	0	0	0
	DEL RIO	105	83	106	82	94	6	0.00	-0.62	0.00	2.28	48	3.18	27	67	24	7	0	0	0
WY	EL PASO	103	77	105	75	90	7	0.04	-0.33	0.04	3.19	97	3.97	80	46	16	7	0	1	0
	FORT WORTH	100	81	102	80	91	4	0.00	-0.42	0.00	7.54	110	32.33	137	76	37	7	0	0	0
	GALVESTON	93	83	94	83	88	2	0.00	-0.91	0.00	18.64	198	34.35	143	85	63	7	0	0	0
WY	HOUSTON	98	77	100	76	88	2	0.00	-1.10	0.00	20.26	168	48.40	154	92	44	7	0	0	0
	LUBBOCK	99	74	102	70	87	6	0.02	-0.36	0.02	8.81	162	15.71	132	65	26	7	0	1	0
	MIDLAND	100	77	101	75	88	4	0.00	-0.36	0.00	1.42	34	4.02	48	61	24	7	0	0	0
WY	SAN ANGELO	103	79	104	78	91	6	0.00	-0.54	0.00	2.47	54	7.71	60	71	24	7	0	0	0
	SAN ANTONIO	100	80	102	79	90	4	0.00	-0.41	0.00	6.70	101	17.61	90	86	36	7	0	0	0
	VICTORIA	96	76	98	75	86	1	0.03	-0.59	0.03	12.16	133	27.97	111	98	52	7	0	1	0
WY	WACO	100	78	101	76	89	3	0.00	-0.42	0.00	3.38	55	31.23	138	86	35	7	0	0	0
	WICHITA FALLS	105	78	108	75	92	7	0.00	-0.54	0.00	5.45	81	24.55	138	69	29	7	0	0	0
	SALT LAKE CITY	91	66	96	62	79	-1	1.39	1.27	0.50	1.84	106	10.75	105	66	21	3	0	4	1
WY	LYNCHBURG	84	64	87	61	74	-1	1.72	1.06	1.37	12.73	128	29.54	107	95	50	0	0	2	1
	NORFOLK	86	70	88	68	78	-2	0.00	-1.30	0.00	17.04	122	40.50	129	86	45	0	0	0	0
	RICHMOND	87	68	90	64	78	0	0.18	-0.89	0.10	16.33	139	40.07	139	91	46	1	0	2	0
WY	ROANOKE	86	65	89	62	76	-1	0.01	-0.70	0.01	10.19	94	25.16	88	88	46	0	0	1	0
	WASH/DULLES	86	63	89	61	74	-2	0.47	-0.29	0.47	7.66	73	24.43	88	87	41	0	0	1	0
	BURLINGTON	82	62	86	58	72	1	0.39	-0.40	0.20	15.05	145	28.02	119	90	51	0	0	3	0
WY	OLYMPIA	75	53	84	47	64	0	0.65	0.44	0.65	3.17	133	25.96	96	92	49	0	0	1	1
	QUILLAYUTE	67	55	75	49	61	1	0.06	-0.54	0.06	6.07	99	55.06	98	92	65	0	0	1	0
	SEATTLE-TACOMA	74	58	78	56	66	-2	0.56	0.35	0.56	2.52	101	18.04	84	82	46	0	0	1	1
WY	SPOKANE	84	59	89	53	71	0	0.04	-0.07	0.04	1.58	86	7.78	78	66	25	0	0	1	0
	YAKIMA	86	57	93	51	72	0	0.15	0.10	0.15	0.26	31	3.58	75	73	28	2	0	1	0
	EAU CLAIRE	81	59	84	52	70	0	1.09	0.13	0.97	16.79	155	27.25	124	94	55	0	0	3	1
WY	GREEN BAY	82	60	86	56	71	2	1.07	0.29	0.54	14.55	151	25.83	125	92	55	0	0	3	1
	LA CROSSE	82	61	85	54	72	-2	0.61	-0.28	0.44	12.58	109	26.58	110	90	49	0	0	2	0
	MADISON	80	61	84	55	71	1	0.85	-0.15	0.43	19.66	161	35.02	138	92	53	0	0	3	0
WY	MILWAUKEE	81	65	85	59	73	0	1.57	0.69	0.93	11.80	120	31.40	136	89	53	0			

National Agricultural Summary

August 12 – 18, 2024

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Much of the Eastern Seaboard, Deep South, and Southwest were drier than normal, while parts of the Midwest, Mississippi Valley, Pacific Northwest, Great Plains, and Rockies recorded at least twice the normal amount of weekly precipitation. Some locations in Missouri and Oklahoma recorded at least 6 inches of rain during the week. Meanwhile, most of the southern half of the nation was warmer than normal during the week, with parts of

New Mexico, Oklahoma, and Texas recording temperatures 6°F or more above normal. In contrast, most of the mid-Atlantic, as well as large parts of the Midwest, coastal New England, Ohio Valley, Pacific Northwest, central and northern Plains, and Rockies, were cooler than normal. A few locations in northern California, the Dakotas, and Oregon recorded weekly temperatures 4°F or more below normal.

Corn: By August 18, ninety-seven percent of the nation's corn acreage had reached the silking stage, 1 percentage point behind both last year and the 5-year average. Seventy-four percent of the corn acreage was at or beyond the dough stage, equal to last year but 3 percentage points ahead of average. During the week, corn dough progress advanced by 10 percentage points or more in 14 of the 18 estimating states. By August 18, thirty percent of this year's corn acreage was denting, equal to last year but 4 percentage points ahead of average. Five percent of the nation's corn acreage was mature by August 18, two percentage points ahead of both last year and the average. On August 18, sixty-seven percent of the nation's corn acreage was rated in good to excellent condition, unchanged from the previous week but 9 percentage points above the previous year. In Iowa, the largest corn-producing state, 77 percent of the corn crop was rated in good to excellent condition.

Soybeans: By August 18, ninety-five percent of the nation's soybean acreage had reached the blooming stage, equal to both last year and the 5-year average. Nationally, 81 percent of the soybean acreage had begun setting pods, 3 percentage points behind last year but 1 point ahead of average. On August 18, sixty-eight percent of the nation's soybean acreage was rated in good to excellent condition, equal to the previous week but 9 percentage points above the previous year.

Winter Wheat: Ninety-six percent of the 2024 winter wheat acreage had been harvested by August 18, one percentage point ahead of both last year and the 5-year average. Winter wheat harvest progress was complete or nearing completion in all estimating states except Idaho, Montana, Oregon, and Washington.

Cotton: By August 18, eighty-four percent of the nation's cotton acreage had begun setting bolls, 6 percentage points ahead of last year and 3 points ahead of the 5-year average. Nineteen percent of the nation's cotton had open bolls, 2 percentage points ahead of both last year and the average. On August 18, forty-two percent of the 2024 cotton acreage was rated in good to excellent condition, 4 percentage points below the previous week but 9 points above the previous year.

Sorghum: By August 18, eighty-three percent of the nation's sorghum acreage had reached the headed stage, 5 percentage points ahead of last year and 3 points ahead of the 5-year average. Sorghum headed progress advanced by 23 percentage points during the week

in South Dakota. Thirty-nine percent of the nation's sorghum acreage was at or beyond the coloring stage by August 18, three percentage points ahead of last year and 4 points ahead of average. Nineteen percent of the nation's sorghum acreage was mature, 1 percentage point ahead of last year but equal to the average. Forty-nine percent of the nation's sorghum acreage was rated in good to excellent condition on August 18, two percentage points below both the previous week and the previous year.

Rice: By August 18, ninety-four percent of the nation's rice acreage had reached the headed stage, 2 percentage points ahead of the previous year and 5 points ahead of the 5-year average. Nationally, 21 percent of the rice acreage was harvested by August 18, four percentage points ahead of last year and 8 points ahead of average. On August 18, seventy-nine percent of the nation's rice acreage was rated in good to excellent condition, equal to the previous week but 11 percentage points above the previous year.

Small Grains: Sixty-seven percent of the nation's oat acreage had been harvested by August 18, equal to last year but 3 percentage points behind the 5-year average. Oat harvest progress advanced 12 percentage points or more during the week in Minnesota, North Dakota, Pennsylvania, and Wisconsin.

By August 18, producers had harvested 30 percent of the nation's barley crop, 13 percentage points behind both last year and the 5-year average. Barley harvest progress advanced by 18 percentage points or more during the week in four of the five estimating states. On August 18, sixty-nine percent of the nation's barley acreage was rated in good to excellent condition, equal to the previous week but 20 percentage points above the same time last year.

By August 18, thirty-one percent of the nation's spring wheat had been harvested, 4 percentage points behind the previous year and 5 points behind the 5-year average. Spring wheat harvest progress advanced by 16 percentage points or more during the week in four of the six estimating states. On August 18, seventy-three percent of the nation's spring wheat was rated in good to excellent condition, 1 percentage point above the previous week and 35 points above the previous year.

Other Crops: On August 18, sixty-eight percent of the nation's peanut acreage was rated in good to excellent condition, equal to the previous week but 1 percentage point above the same time last year.

Crop Progress and Condition

Week Ending August 18, 2024

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

Corn Percent Silking				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
CO	94	83	91	95
IL	99	96	98	98
IN	96	94	98	97
IA	100	96	98	98
KS	96	95	100	96
KY	94	93	96	96
MI	88	93	97	94
MN	100	91	95	99
MO	99	97	98	99
NE	99	99	100	99
NC	100	100	100	100
ND	99	90	96	96
OH	99	96	100	94
PA	87	78	84	87
SD	96	93	98	96
TN	100	97	98	100
TX	100	98	100	99
WI	94	84	90	93
18 Sts	98	94	97	98
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Dough				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
CO	33	27	48	45
IL	77	69	85	75
IN	66	55	71	67
IA	88	69	82	79
KS	77	78	88	76
KY	68	61	75	68
MI	44	39	55	54
MN	84	49	62	70
MO	90	86	92	85
NE	79	63	76	77
NC	91	89	92	93
ND	52	20	33	45
OH	59	65	79	62
PA	18	26	41	41
SD	72	53	68	66
TN	94	82	88	91
TX	85	85	88	87
WI	57	36	61	55
18 Sts	74	60	74	71
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Dented				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
CO	5	0	5	11
IL	34	18	40	27
IN	9	11	25	16
IA	34	17	28	27
KS	41	32	48	39
KY	47	37	54	48
MI	11	7	14	11
MN	28	2	6	15
MO	52	44	64	44
NE	37	26	41	30
NC	71	70	80	77
ND	7	0	0	5
OH	17	8	31	15
PA	1	4	9	7
SD	17	2	9	13
TN	66	49	64	59
TX	77	69	82	77
WI	7	5	16	9
18 Sts	30	18	30	26
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Mature				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
CO	1	NA	0	0
IL	1	NA	1	0
IN	0	NA	0	0
IA	1	0	1	1
KS	5	NA	7	5
KY	9	NA	5	11
MI	0	NA	0	0
MN	0	NA	1	0
MO	2	NA	7	1
NE	1	NA	6	1
NC	41	22	40	44
ND	0	NA	0	0
OH	0	NA	5	0
PA	0	NA	0	0
SD	0	NA	0	1
TN	12	7	17	5
TX	61	52	68	57
WI	0	0	1	0
18 Sts	3	NA	5	3
These 18 States planted 92% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	2	11	36	43	8
IL	2	4	18	56	20
IN	2	5	20	57	16
IA	1	4	18	57	20
KS	9	16	30	34	11
KY	2	9	22	56	11
MI	2	5	22	47	24
MN	3	7	29	47	14
MO	4	4	13	60	19
NE	3	6	19	49	23
NC	41	27	23	8	1
ND	1	9	29	55	6
OH	5	9	29	46	11
PA	16	14	15	43	12
SD	2	5	23	58	12
TN	6	12	31	40	11
TX	9	22	28	33	8
WI	2	8	26	42	22
18 Sts	4	7	22	51	16
Prev Wk	3	7	23	51	16
Prev Yr	5	10	27	47	11

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	1	26	66	7
FL	0	1	25	73	1
GA	2	6	27	57	8
NC	2	4	20	72	2
OK	2	9	23	64	2
SC	0	7	29	58	6
TX	1	2	38	51	8
VA	0	0	9	86	5
8 Sts	1	4	27	62	6
Prev Wk	1	5	26	60	8
Prev Yr	1	6	26	61	6

Crop Progress and Condition

Week Ending August 18, 2024

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

Soybeans Percent Blooming				
	Prev	Prev	Aug 18	5-Yr
	Year	Week	2024	Avg
AR	99	100	100	98
IL	96	94	96	95
IN	93	91	96	93
IA	99	94	96	97
KS	93	86	90	89
KY	81	80	88	84
LA	100	100	100	100
MI	87	93	97	94
MN	98	92	96	98
MS	100	100	100	98
MO	93	84	89	88
NE	95	97	99	97
NC	93	87	90	90
ND	98	83	91	98
OH	95	96	100	93
SD	97	91	96	95
TN	93	90	95	93
WI	93	88	95	93
18 Sts	95	91	95	95
These 18 States planted 96% of last year's soybean acreage.				

Soybeans Percent Setting Pods				
	Prev	Prev	Aug 18	5-Yr
	Year	Week	2024	Avg
AR	92	93	95	90
IL	84	84	89	79
IN	77	73	82	74
IA	92	74	83	86
KS	73	56	67	67
KY	66	65	77	67
LA	98	93	94	98
MI	76	71	90	80
MN	90	64	78	90
MS	95	94	96	92
MO	80	64	74	67
NE	80	85	88	86
NC	80	60	75	72
ND	90	56	64	84
OH	78	82	92	77
SD	80	59	76	79
TN	81	75	82	77
WI	75	66	83	78
18 Sts	84	72	81	80
These 18 States planted 96% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	1	5	23	58	13
IL	3	6	21	53	17
IN	2	5	21	57	15
IA	1	4	18	57	20
KS	3	10	28	48	11
KY	2	9	23	56	10
LA	0	3	13	78	6
MI	3	8	29	46	14
MN	1	7	28	52	12
MS	2	5	31	45	17
MO	2	4	14	65	15
NE	2	4	20	55	19
NC	5	12	26	54	3
ND	1	9	33	52	5
OH	3	8	33	45	11
SD	2	5	25	58	10
TN	4	13	29	42	12
WI	2	7	29	44	18
18 Sts	2	6	24	54	14
Prev Wk	2	6	24	55	13
Prev Yr	4	9	28	49	10

Cotton Percent Setting Bolls				
	Prev	Prev	Aug 18	5-Yr
	Year	Week	2024	Avg
AL	92	77	84	92
AZ	99	99	100	98
AR	95	93	97	98
CA	74	70	80	86
GA	87	78	88	90
KS	83	84	93	75
LA	95	82	84	97
MS	90	84	88	89
MO	88	66	80	81
NC	86	86	91	85
OK	77	65	74	74
SC	87	93	97	89
TN	92	86	94	90
TX	71	69	81	76
VA	90	89	98	89
15 Sts	78	74	84	81
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Bolls Opening				
	Prev	Prev	Aug 18	5-Yr
	Year	Week	2024	Avg
AL	9	6	13	9
AZ	52	64	65	43
AR	17	28	38	13
CA	0	0	0	1
GA	7	3	7	11
KS	9	8	12	7
LA	32	15	21	33
MS	18	5	18	16
MO	0	0	2	2
NC	4	2	4	5
OK	4	0	5	5
SC	5	3	6	4
TN	7	4	8	4
TX	21	17	23	22
VA	12	3	12	6
15 Sts	17	13	19	17
These 15 States planted 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	12	33	53	2
AZ	0	1	0	38	61
AR	1	4	19	49	27
CA	0	0	0	95	5
GA	2	9	29	52	8
KS	1	10	41	37	11
LA	0	0	25	75	0
MS	2	8	36	48	6
MO	3	7	32	58	0
NC	1	11	24	63	1
OK	1	4	40	53	2
SC	2	10	36	50	2
TN	8	12	27	46	7
TX	12	25	34	23	6
VA	0	7	31	60	2
15 Sts	8	18	32	35	7
Prev Wk	9	16	29	39	7
Prev Yr	22	24	21	27	6

Crop Progress and Condition**Week Ending August 18, 2024**

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

Rice Percent Headed				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
AR	95	93	96	87
CA	76	75	85	85
LA	97	92	96	97
MS	95	98	100	95
MO	84	81	90	82
TX	99	100	100	98
6 Sts	92	90	94	89
These 6 States planted 100% of last year's rice acreage.				

Rice Percent Harvested				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
AR	3	2	9	1
CA	0	0	0	0
LA	68	53	71	59
MS	2	1	5	1
MO	0	0	0	0
TX	54	39	60	51
6 Sts	17	13	21	13
These 6 States harvested 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	1	2	21	55	21
CA	0	0	0	85	15
LA	0	4	12	78	6
MS	1	2	38	45	14
MO	3	7	17	72	1
TX	2	14	30	49	5
6 Sts	1	3	17	64	15
Prev Wk	1	3	17	61	18
Prev Yr	1	4	27	52	16

Winter Wheat Percent Harvested				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
AR	100	100	100	100
CA	96	100	100	99
CO	98	100	100	99
ID	64	48	72	64
IL	100	100	100	100
IN	100	100	100	100
KS	100	100	100	100
MI	94	100	100	97
MO	100	100	100	100
MT	76	69	75	77
NE	98	99	100	99
NC	100	100	100	100
OH	100	100	100	100
OK	100	100	100	100
OR	98	83	89	93
SD	96	95	97	93
TX	100	100	100	100
WA	82	66	85	76
18 Sts	95	93	96	95
These 18 States harvested 89% of last year's winter wheat acreage.				

Spring Wheat Percent Harvested				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
ID	21	17	24	36
MN	37	9	31	41
MT	54	22	38	43
ND	21	12	21	26
SD	69	54	70	69
WA	46	32	52	42
6 Sts	35	18	31	36
These 6 States harvested 100% of last year's spring wheat acreage.				

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	0	8	28	63	1
MN	0	1	12	62	25
MT	1	7	29	62	1
ND	1	3	18	61	17
SD	0	2	18	77	3
WA	5	13	55	24	3
6 Sts	1	4	22	61	12
Prev Wk	1	4	23	59	13
Prev Yr	4	19	39	35	3

Sorghum Percent Headed				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
CO	69	51	68	80
KS	72	70	80	72
NE	84	85	94	85
OK	47	54	63	67
SD	98	67	90	86
TX	94	89	93	93
6 Sts	78	73	83	80
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Coloring				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
CO	6	9	17	10
KS	19	20	28	17
NE	23	6	20	20
OK	16	18	25	26
SD	51	5	17	23
TX	79	73	77	77
6 Sts	36	32	39	35
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Mature				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
CO	0	NA	0	0
KS	1	NA	1	0
NE	0	NA	0	0
OK	0	NA	0	1
SD	0	NA	0	0
TX	64	60	70	66
6 Sts	18	NA	19	19
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
CO	6	2	35	56	1
KS	7	13	37	38	5
NE	0	3	23	55	19
OK	1	5	28	56	10
SD	0	8	23	67	2
TX	6	16	31	35	12
6 Sts	6	12	33	42	7
Prev Wk	6	10	33	43	8
Prev Yr	8	14	27	42	9

Crop Progress and Condition

Week Ending August 18, 2024

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

Barley Percent Harvested				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
ID	21	19	37	43
MN	41	11	30	53
MT	65	19	23	47
ND	32	12	30	35
WA	50	38	59	47
5 Sts	43	18	30	43
These 5 States harvested 89% of last year's barley acreage.				

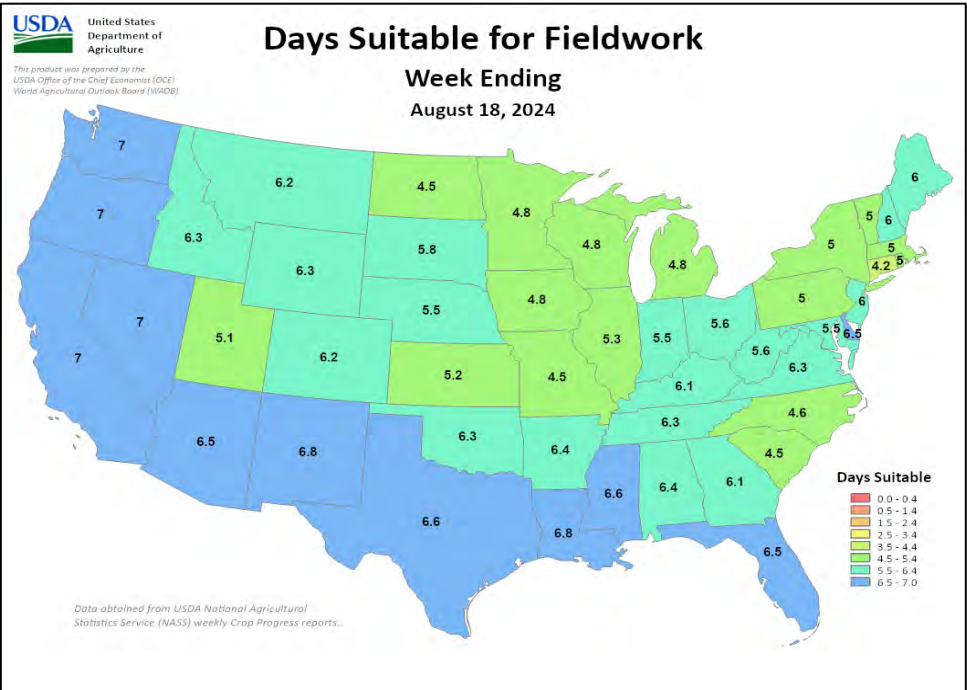
Barley Condition by Percent					
	VP	P	F	G	EX
ID	0	4	17	77	2
MN	0	2	18	69	11
MT	1	13	21	64	1
ND	1	3	23	58	15
WA	4	10	61	22	3
5 Sts	1	8	22	64	5
Prev Wk	0	6	25	62	7
Prev Yr	2	10	39	44	5

Oats Percent Harvested				
	Prev Year	Prev Week	Aug 18 2024	5-Yr Avg
IA	97	93	96	95
MN	69	43	56	69
NE	93	94	96	96
ND	22	12	24	30
OH	100	94	100	96
PA	67	43	57	69
SD	85	86	91	83
TX	100	100	100	100
WI	65	58	79	63
9 Sts	67	57	67	70
These 9 States harvested 71% of last year's oat acreage.				

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

NA - Not Available
* Revised

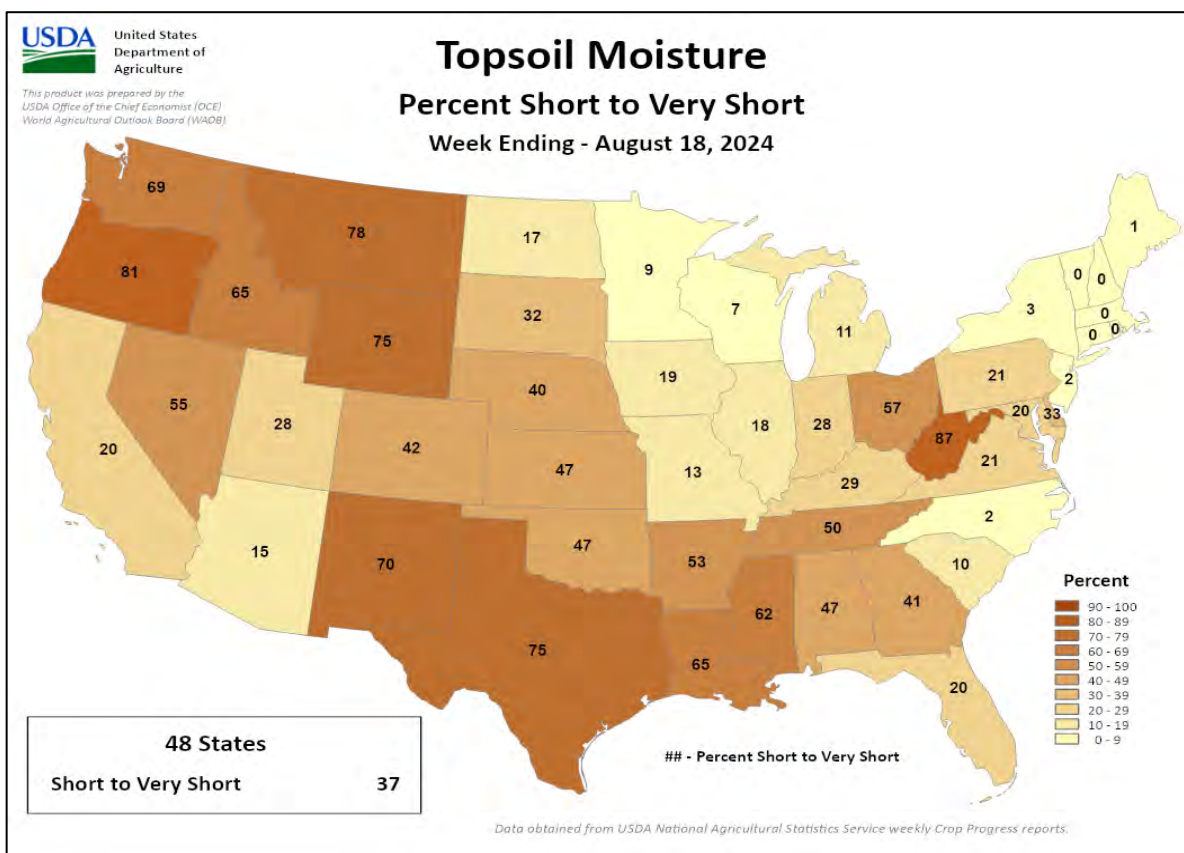
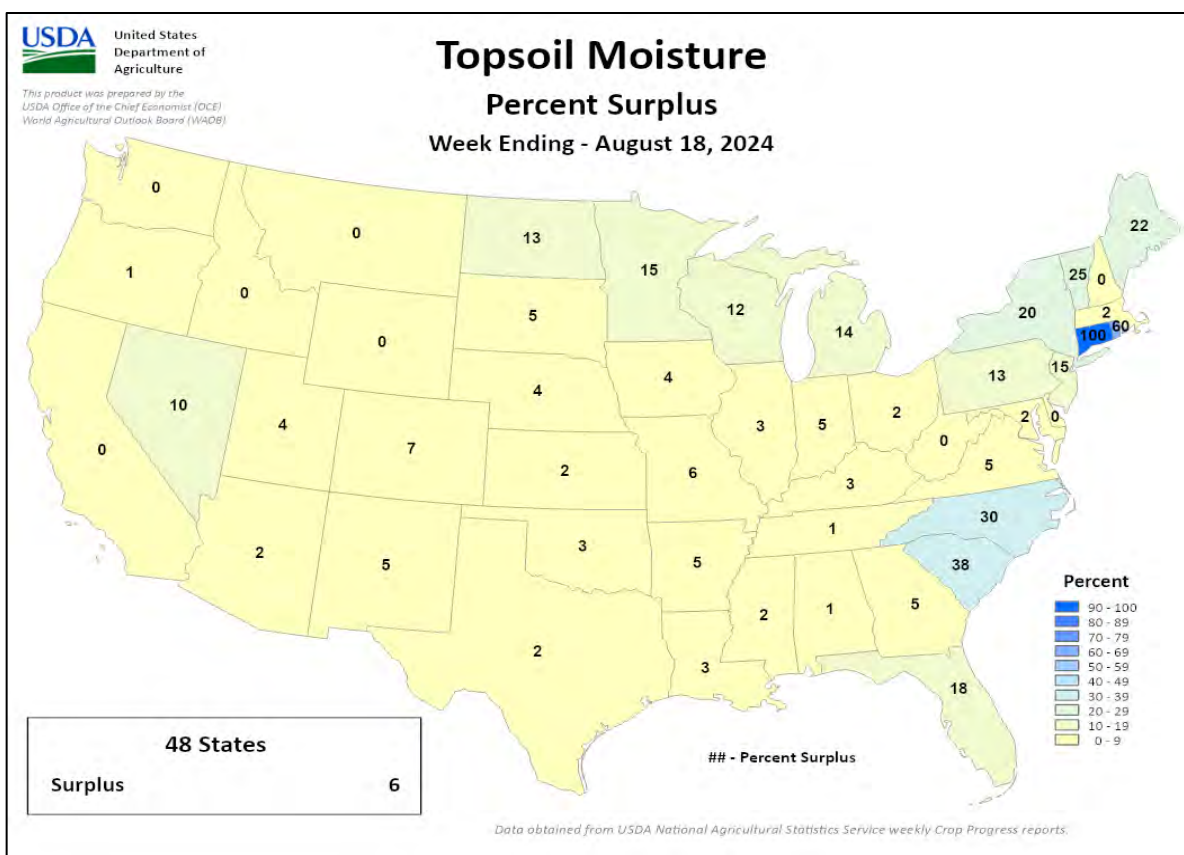
Pasture and Range Condition by Percent												
Week Ending Aug 18, 2024												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	1	13	45	40	1		NH	0	0	0	100	0
AZ	30	22	30	4	14		NJ	1	3	20	61	15
AR	3	16	37	39	5		NM	10	29	35	16	10
CA	0	5	65	30	0		NY	1	2	13	72	12
CO	1	6	28	56	9		NC	2	6	25	49	18
CT	0	0	40	60	0		ND	1	5	27	61	6
DE	6	8	55	30	1		OH	15	21	30	32	2
FL	1	3	18	49	29		OK	3	16	32	46	3
GA	11	21	35	31	2		OR	43	19	17	19	2
ID	10	24	27	26	13		PA	12	3	35	43	7
IL	1	4	30	48	17		RI	0	0	20	60	20
IN	3	7	35	50	5		SC	5	17	38	35	5
IA	1	4	23	59	13		SD	4	18	33	36	9
KS	8	17	34	36	5		TN	8	21	38	31	2
KY	2	6	29	56	7		TX	20	26	31	18	5
LA	0	4	37	57	2		UT	1	3	20	68	8
ME	0	0	5	84	11		VT	0	0	0	25	75
MD	4	38	30	24	4		VA	11	27	35	27	0
MA	0	0	20	60	20		WA	5	58	18	19	0
MI	1	4	27	35	33		WV	20	45	28	7	0
MN	3	6	19	50	22		WI	2	7	31	44	16
MS	7	12	44	34	3		WY	37	29	25	9	0
MO	0	1	20	67	12		48 Sts	14	20	32	27	7
MT	13	20	50	14	3							
NE	8	17	31	29	15		Prev Wk	12	20	33	28	7
NV	30	10	15	25	20		Prev Yr	16	19	28	31	6



Crop Progress and Condition

Week Ending August 18, 2024

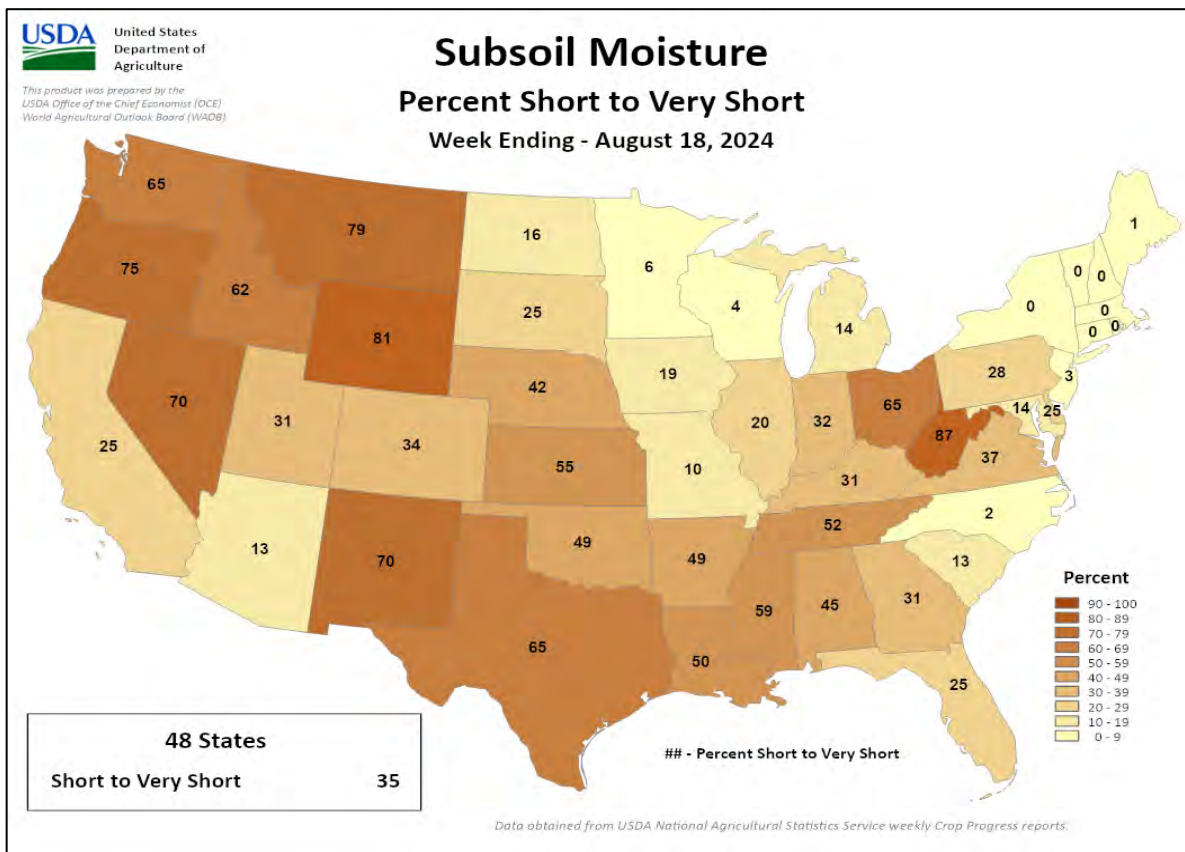
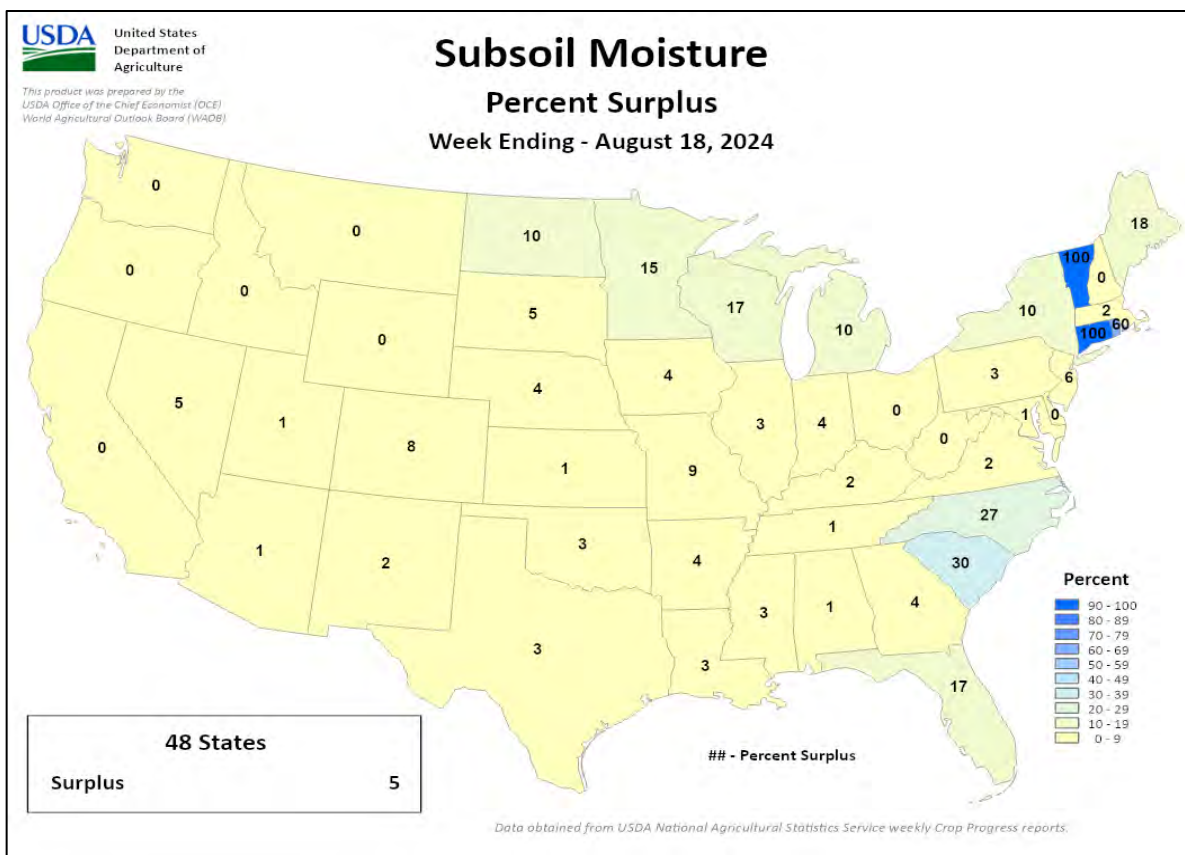
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending August 18, 2024

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



International Weather and Crop Summary

August 11-17, 2024

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

HIGHLIGHTS

EUROPE: An expanding heat wave across southern Europe further lowered yield prospects for late-filling summer crops and exacerbated drought in southeastern growing areas.

WESTERN FSU: Dry but cool weather sustained drought concerns and summer crop yield losses in southern portions of the region.

EASTERN FSU: Continued unseasonably wet weather over the spring grain belt gave way to sunny and hot conditions over cotton areas farther south.

MIDDLE EAST: Dry and hot weather in Turkey promoted summer crop maturation and drydown.

SOUTH ASIA: Monsoon showers continued to maintain or improve moisture conditions for kharif crops in India.

EAST ASIA: Wet weather in southern China broke a recent heat wave, while seasonable showers benefited summer crops in the north and northeast.

SOUTHEAST ASIA: Seasonably wet weather across the region continued to benefit rice and other crops.

AUSTRALIA: Rain in the east helped maintain good to excellent yield prospects for wheat and other winter crops.

ARGENTINA: Cool, dry weather prompted slow vegetative growth of winter grains.

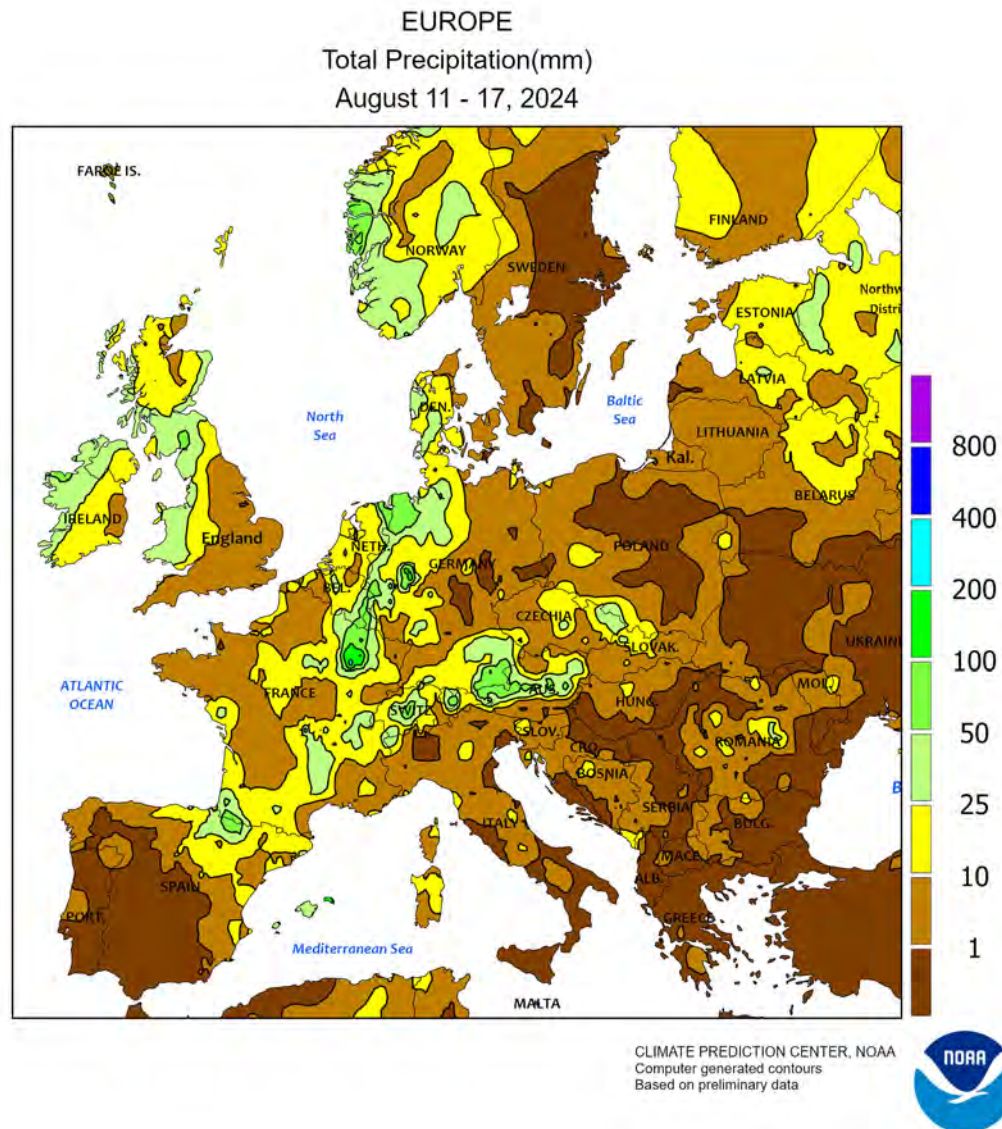
BRAZIL: Sunny albeit cool weather overspread southern wheat areas, although freezes were confined to outlying production areas.

MEXICO: Beneficial showers continued throughout key southern and northwestern farming areas.

CANADIAN PRAIRIES: Light showers benefited immature spring crops, although early-planted crops were already maturing.

SOUTHEASTERN CANADA: Warm, showery weather maintained overall favorable conditions for summer crops and pastures.

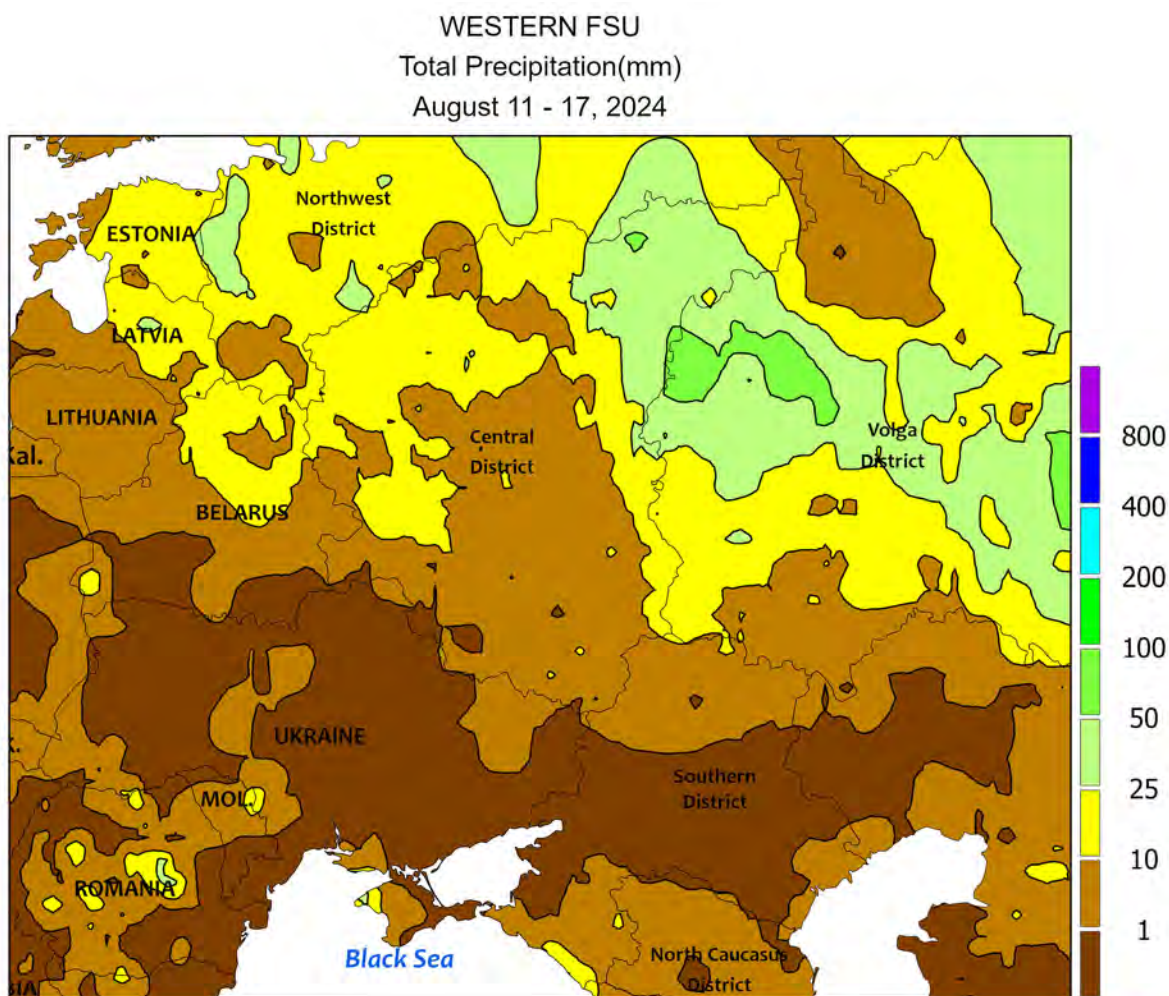




EUROPE

An intensifying heat wave shifted eastward across southern Europe, exacerbating southeastern drought and further lowering yield prospects for late-filling summer crops. Early-week heat in Spain (38-41°C) and southwestern France (35-39°C) lowered yield prospects for filling corn, sunflowers, and soybeans. A cold front brought cooler temperatures to these croplands during the latter half of the monitoring period, though rain associated with the front (5-50 mm) was limited to France and northeastern Spain. Similar heat (upper 30s degrees C) was slower to abate in Italy, where abnormal warmth for much of the week (up to 5°C above normal) hastened summer crops toward maturity. For the second time

this summer, an intense heat wave in southeastern Europe (38-41°C) further lowered yield prospects for late-filling summer crops and exacerbated drought and soil moisture losses for upcoming winter crop planting. Many primary croplands of southeastern Europe have reported locally less than 25 percent-of-normal rainfall over the past 60 days. Similar heat and drought in Greece hastened cotton toward maturity up to three weeks ahead of normal. Likewise, above-normal temperatures (2-5°C above normal) from Germany eastward stressed filling summer crops, though most of these more northern growing areas have received near- to above-normal rainfall for much of the summer.



Data availability may be affected by the current geopolitical situation in Ukraine

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

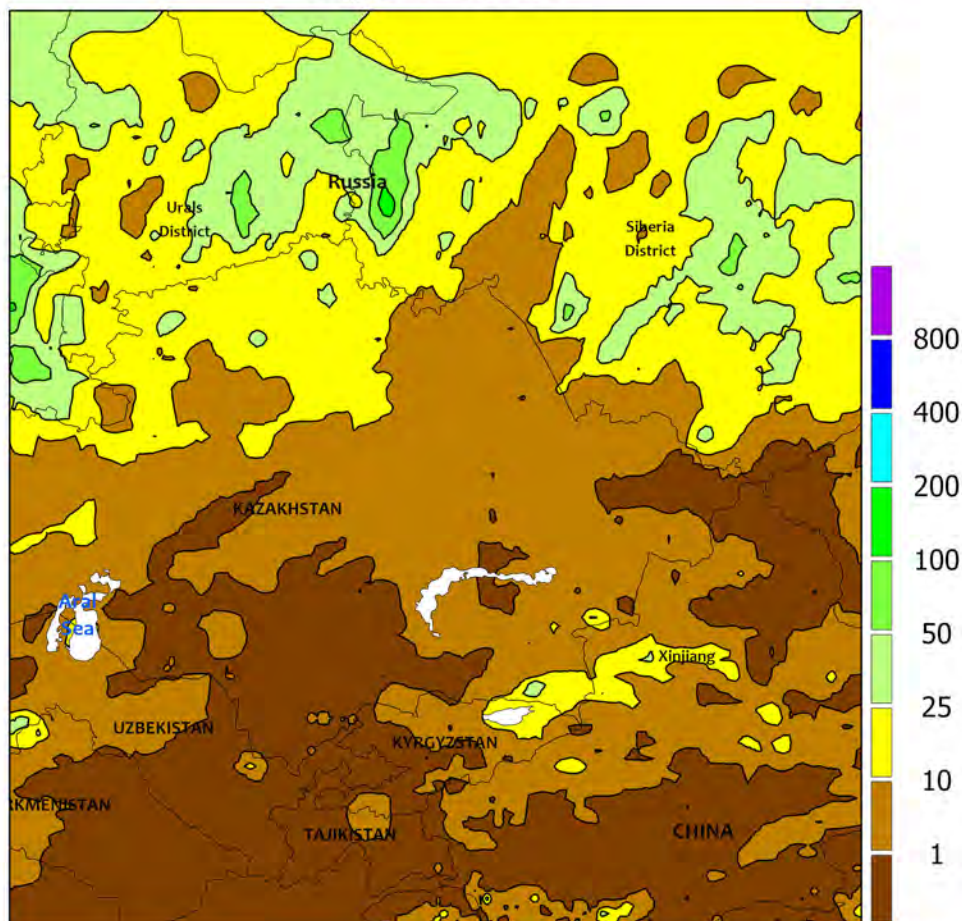


WESTERN FSU

Dry but cool weather prevailed, favoring filling summer crops in the north but maintaining or worsening drought across the southern half of the region. Measurable rainfall (5-25 mm, locally more) was mostly confined to northern portions of Russia and Belarus, sustaining adequate to abundant moisture supplies for filling spring grains and summer crops. Meanwhile, mostly dry weather exacerbated drought across Ukraine and southwestern Russia, with many of these

croplands reporting less than 50 percent of normal rainfall over the past 60 days. While corn, sunflowers, and soybeans were approaching or at maturity in the south, soil moisture was severely limited for upcoming winter crop planting and establishment. Temperatures during the monitoring period averaged near normal in Ukraine and up to 5°C below normal in west-central Russia, though heat (upper 30s degrees C) was encroaching from eastern Europe at week's end.

EASTERN FSU
Total Precipitation(mm)
August 11 - 17, 2024



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

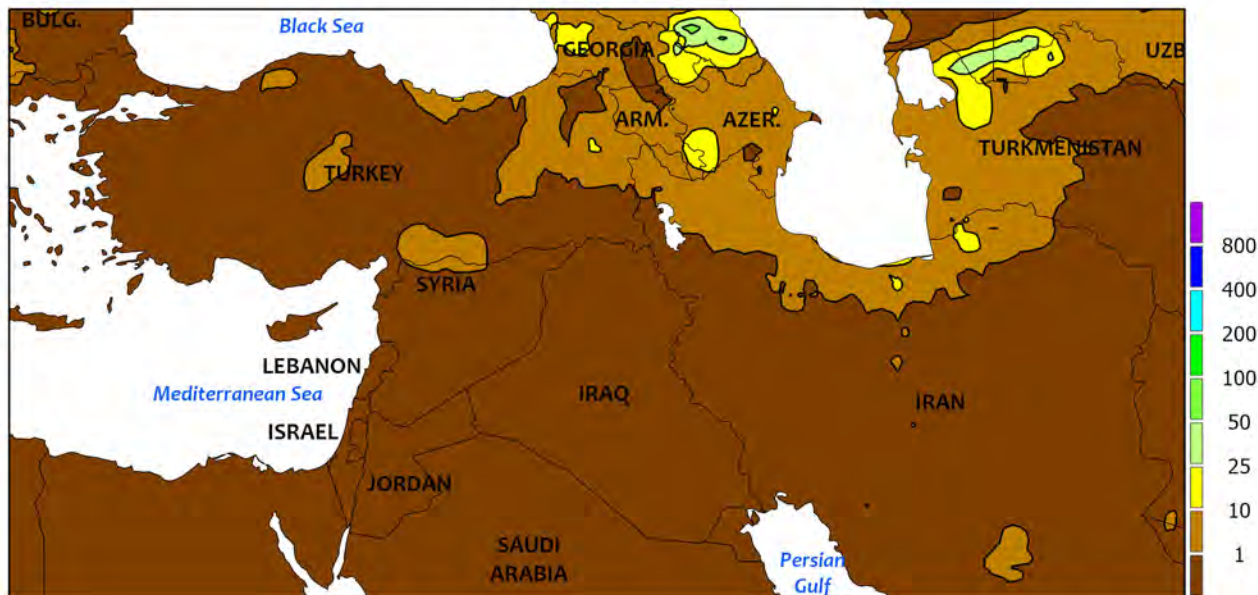


EASTERN FSU

Unseasonable wetness in the spring grain belt contrasted with sunny and hot weather over cotton areas in the south. Widespread showers and thunderstorms (10-70 mm) persisted across northern Kazakhstan and central Russia. The wet weather has been virtually unrelenting during the current growing campaign; since May 1, rainfall in northern Kazakhstan's top 3 spring grain oblasts has exceeded 200 percent of normal and has been the highest of the past 30 years by far. Concerns have mounted in recent weeks regarding grain quality and potential yield losses due to the persistent excessive wetness, and producers need drier weather to realize the current

overall favorable yield prospects. The cloudy, showery weather was accompanied by temperatures up to 4°C below normal in western and central spring grain areas, while late-season warmth (2-4°C above normal) accelerated spring wheat maturation in Russia's Siberia District. Farther south across the Commonwealth of Independent States (CIS), seasonably dry but hot conditions (40-45°C) favored the development of open boll to maturing cotton. Cotton in the CIS has mostly avoided extreme temperatures during the current growing campaign, though late-season heat has accelerated the crop toward maturity up to one week ahead of normal.

MIDDLE EAST
Total Precipitation(mm)
August 11 - 17, 2024



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

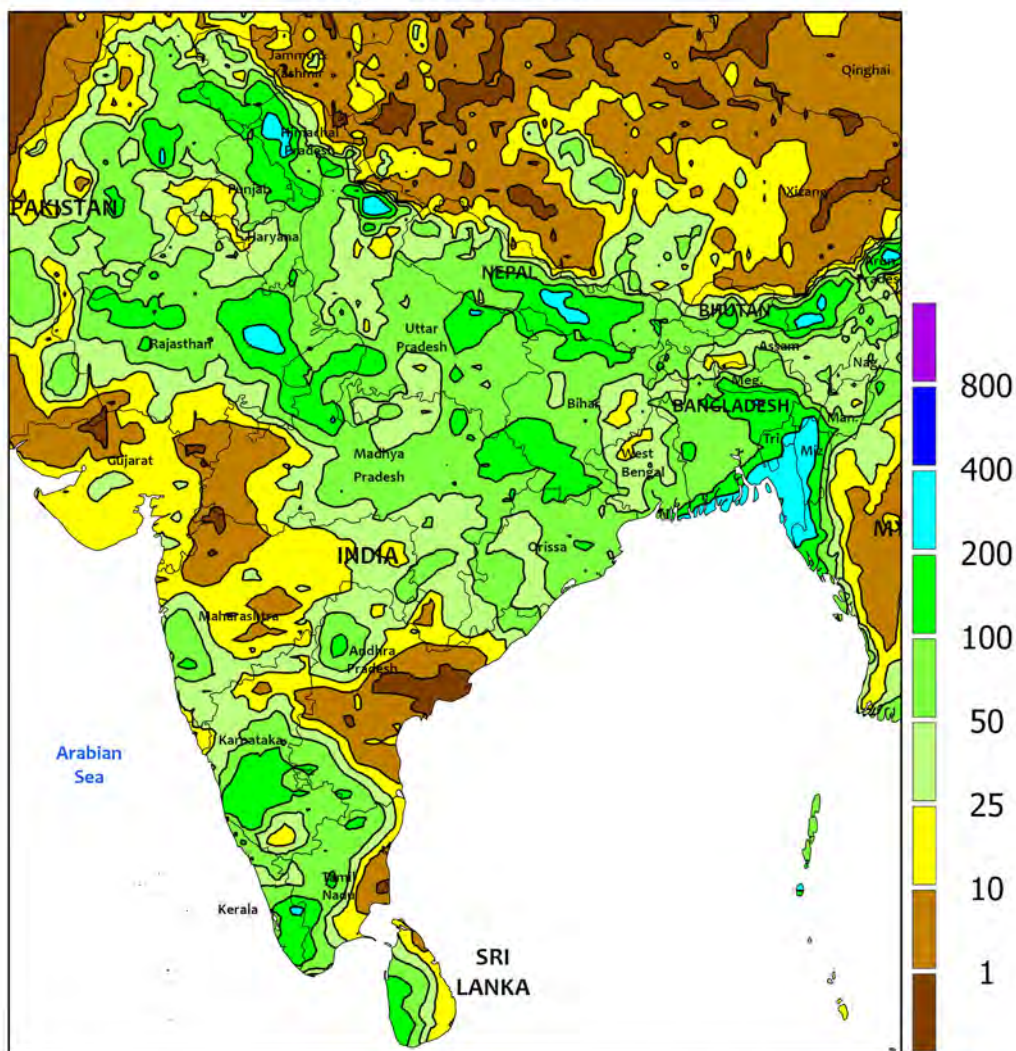


MIDDLE EAST

Seasonably dry and hot weather prevailed across Turkey. Mostly sunny skies in Turkey promoted summer crop maturation and drydown. Abnormal warmth continued over western (2-4°C above normal) and southeastern (1-2°C above normal) Turkey, with daytime highs in western portions of the country reaching 44°C. Since June 1, average

temperatures have been the highest on record in both the Aegean (2.4°C above normal) and Thrace (2.7°C above normal) Regions. While summer crops in Turkey are heavily irrigated, the latest satellite-derived Vegetation Health Index continued to depict poor crop vigor in the northwest (Thrace), a key sunflower area.

SOUTH ASIA
Total Precipitation(mm)
August 11 - 17, 2024



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

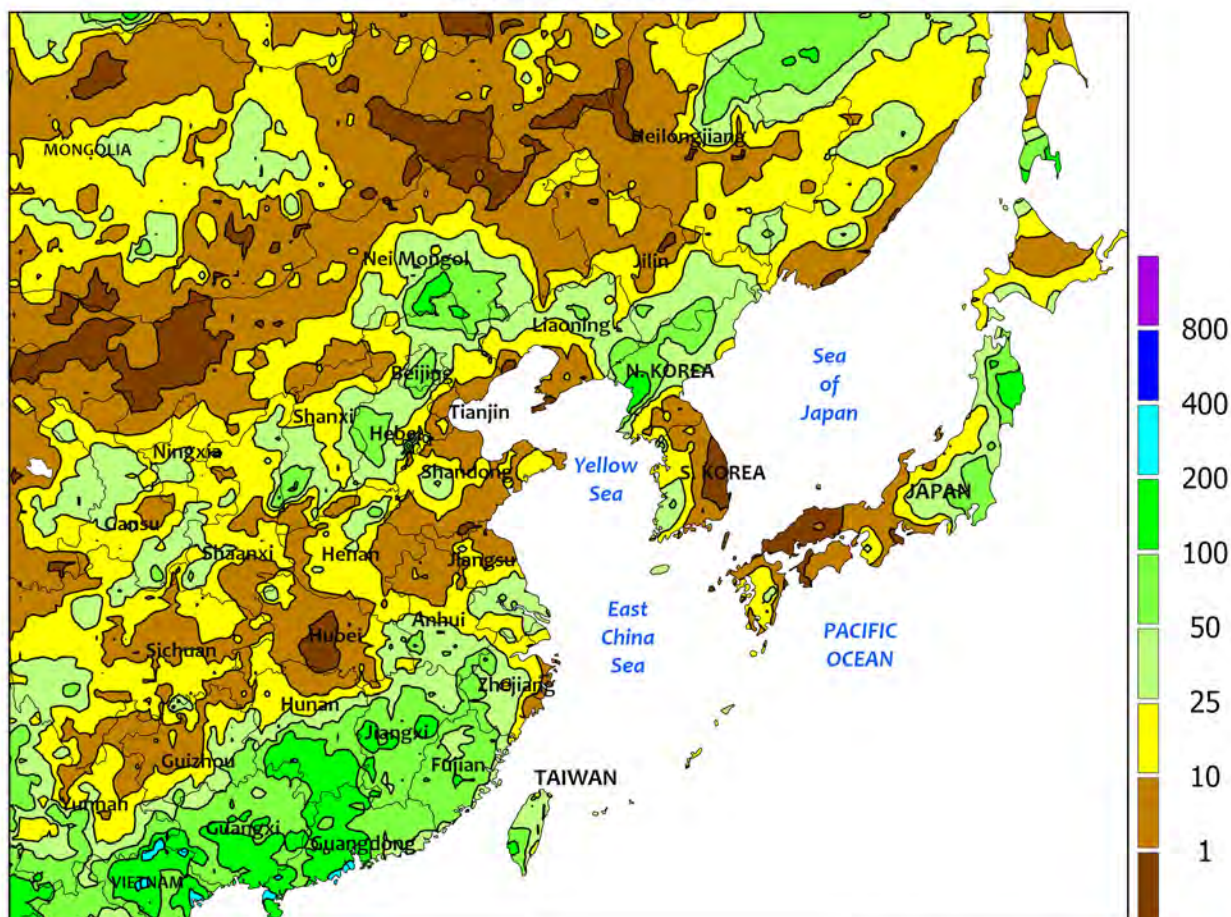


SOUTH ASIA

Monsoon showers flared across much of the region during the recent reporting period. Some of the highest rainfall totals (over 50 mm) were centered around the Ganges River Basin in northern and northeastern India, extending into Bangladesh to the east and Pakistan to the northwest. The accumulations further improved moisture conditions for rice in India after a bout of early-season dryness and inconsistent rains in July.

For the remainder of India, rainfall amounts ranged mainly between 10 and 50 mm, maintaining ample soil moisture for cotton, oilseeds, and coarse grains. The pace of planting has slowed (typical for mid-August) with planted area higher for most crops compared to last year at the same time; cotton area is notably lower than last year as a result of farmers switching to other crops.

EASTERN ASIA
Total Precipitation(mm)
August 11 - 17, 2024



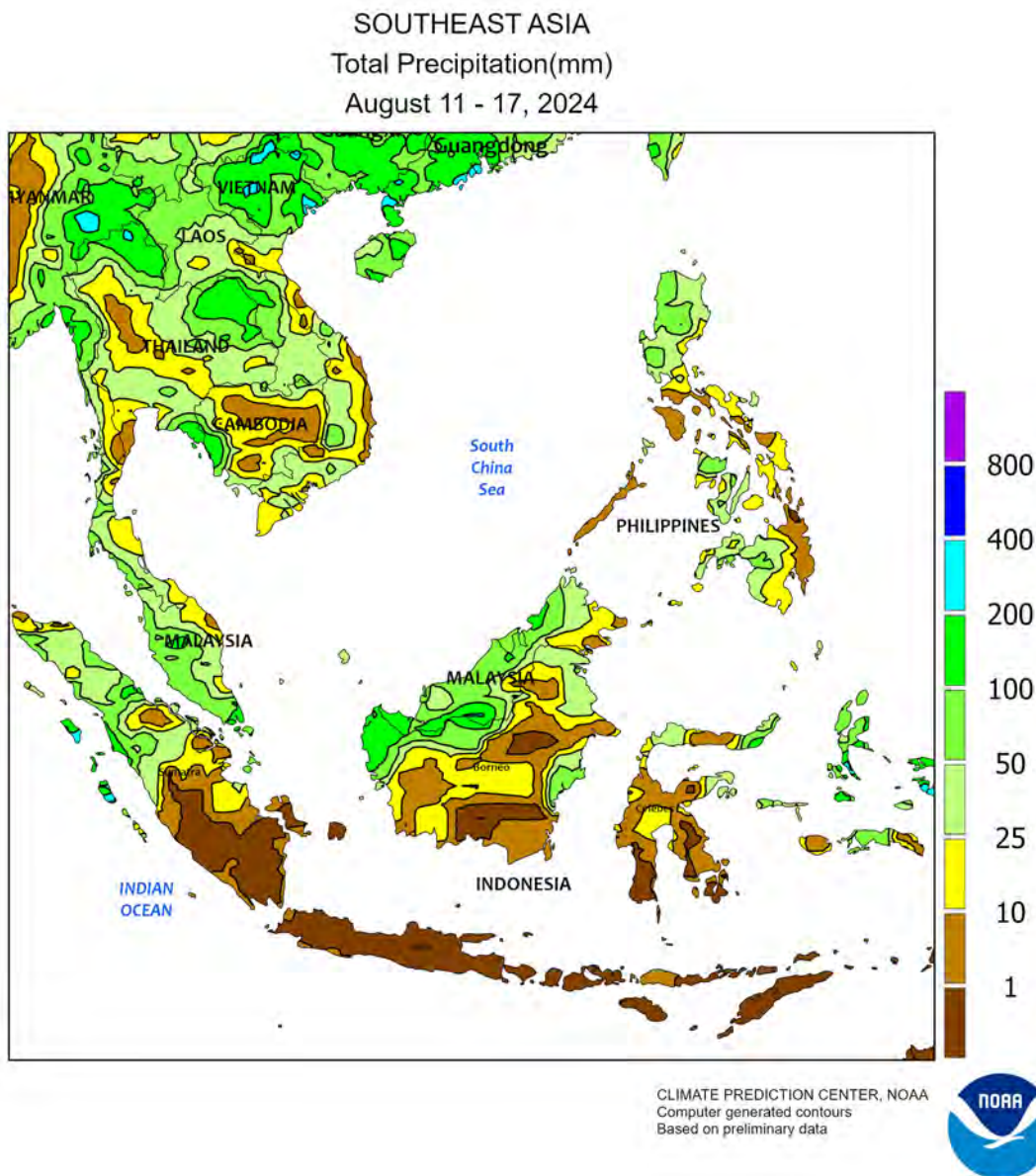
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



EASTERN ASIA

Lighter showers prevailed across northern and northeastern growing areas of China after recent deluges, while rainfall intensified in the south. The southern rains (over 50 mm) helped break the most recent heat wave to plague rice and other crops in this area (12 consecutive days above 40°C). While some crop damage was irreversible, the recent weather improvements helped stave off further yield reductions. With the southerly shift in rain, hot weather (near 40°C, around 5°C above normal) appeared within the Yangtze Valley, where rainfall totals were less than 25 mm, causing crop stress but not sustained long enough to result in lasting damage. Meanwhile, showers returned to more seasonable levels (up to 25 mm) on the North China Plain into the northeast following some recent drenchings,

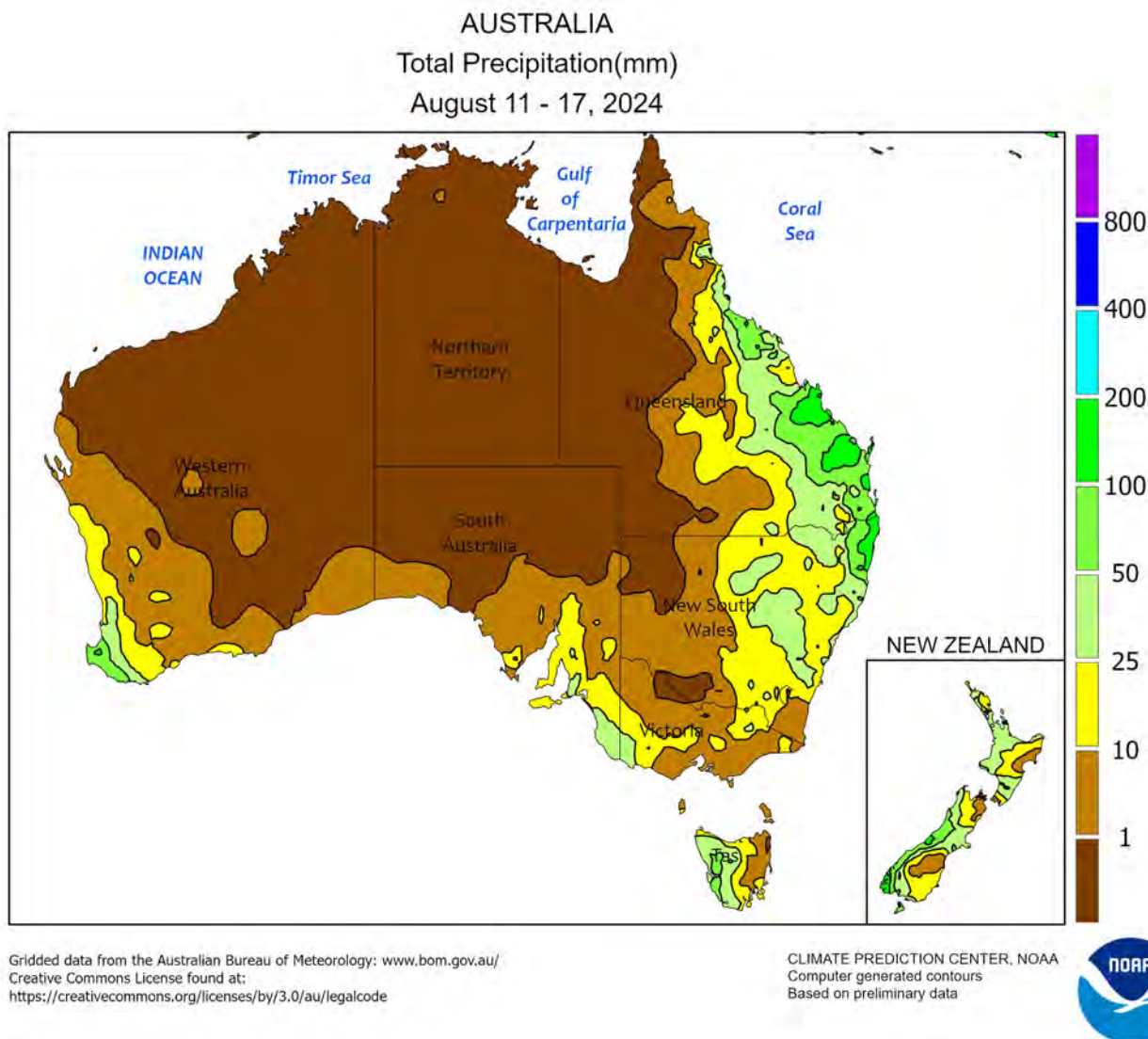
maintaining ample to locally excessive soil moisture for oilseeds and coarse grains. In other parts of the region, early-week downpours (50-150 mm) in northern sections of North Korea contributed to extreme wetness and flooding. Rainfall totals since July 1 have topped 1,200 mm (250 percent of normal and a 30-year high for the period). The extreme wetness in northern North Korea quickly transitioned into more favorable moisture conditions along the border with South Korea, deteriorating into moderate drought in southern South Korea. In Japan, a series of overlapping tropical cyclones close to the northeastern shoreline produced heavy rainfall (50-150 mm or more) in some northern coastal areas and more beneficial amounts (25-50 mm) in major rice areas farther inland.



SOUTHEAST ASIA

Monsoon showers flared along a frontal boundary pushing southward through Indochina during the period. The highest totals (50-200 mm) occurred in northern reaches of Thailand, Laos, and Vietnam, with lesser amounts (less than 50 mm) prevailing in southern locations. Seasonal rainfall has been trending near to above normal as of late in Thailand and environs, maintaining favorable moisture for rice and other

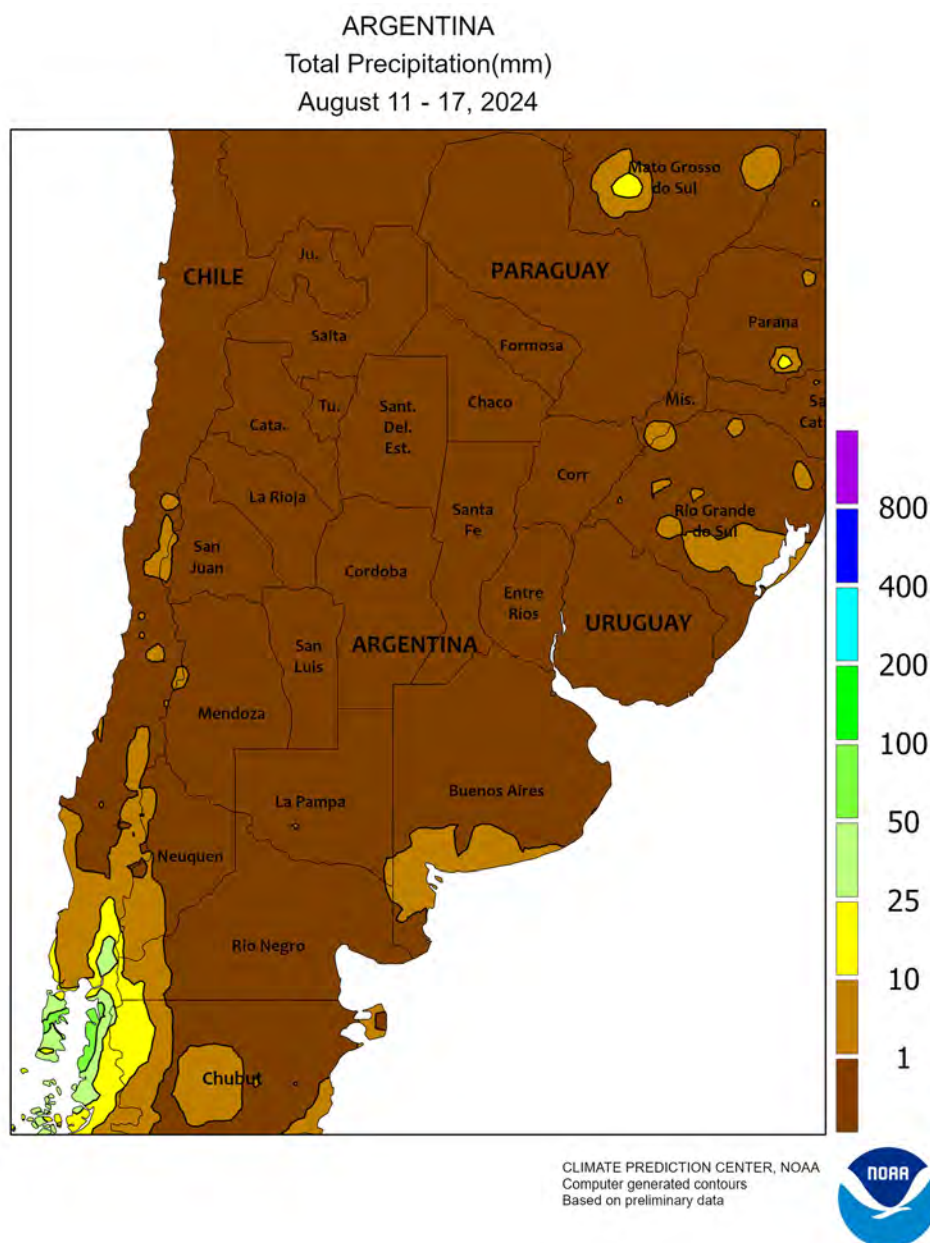
crops while also recharging reservoirs for irrigation. Meanwhile, seasonable showers (25-50 mm or more) across the Philippines supported rice, corn, and other crops, with few places experiencing any moisture shortages for the season. Similarly, rainfall in Malaysia and adjacent portions of Indonesia sustained good yield potential for trees currently in the flowering to early fruiting stages of development.



AUSTRALIA

Widespread showers (10-30 mm) in eastern Australia helped maintain good to excellent yield prospects for wheat and other winter crops. Additionally, the rain benefited summer crops by further increasing topsoil moisture and reservoir levels in advance of upcoming planting, which typically ramps up through September and October each year. Elsewhere in the wheat belt, scattered showers (5-25 mm) in the south and west

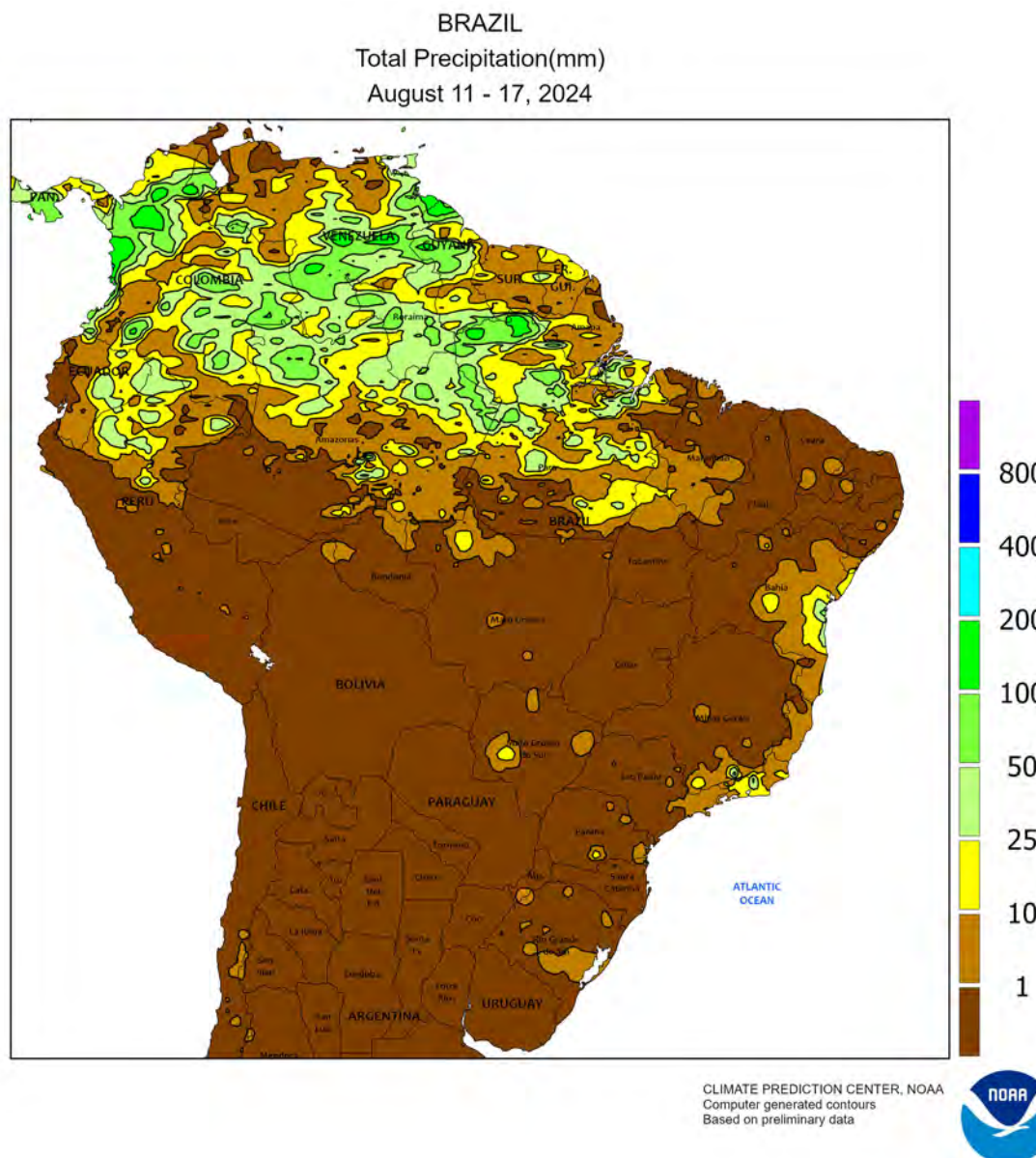
aided local winter grain and oilseed development. Pockets of dryness persisted in parts of Victoria, however, where more rain would be welcome to help spur local wheat, barley, and canola development. Unseasonably warm weather prevailed throughout the wheat belt, accelerating winter crop growth. Temperatures averaged 2 to 4°C above normal, with maximum temperatures mostly in the lower to middle 20s degrees C.



ARGENTINA

Dry, seasonable cool weather dominated the region. Measurable rainfall (1-5 mm) was confined to southern delegations in Buenos Aires, otherwise complete dryness prevailed. Weekly temperatures averaged within 1°C of normal, with highest daytime temperatures ranging from the upper 10s (degrees C) in southern farming areas to the lower 30s in delegations

closest to the border with Paraguay. Despite the relatively warmer weather in the north, freezes were again reported as far north as Chaco and Santiago del Estero. Winter grains in many northern and western production areas – including Córdoba – will require a timely onset of spring rainfall as seasonal warming fosters a more rapid pace of winter grain development.

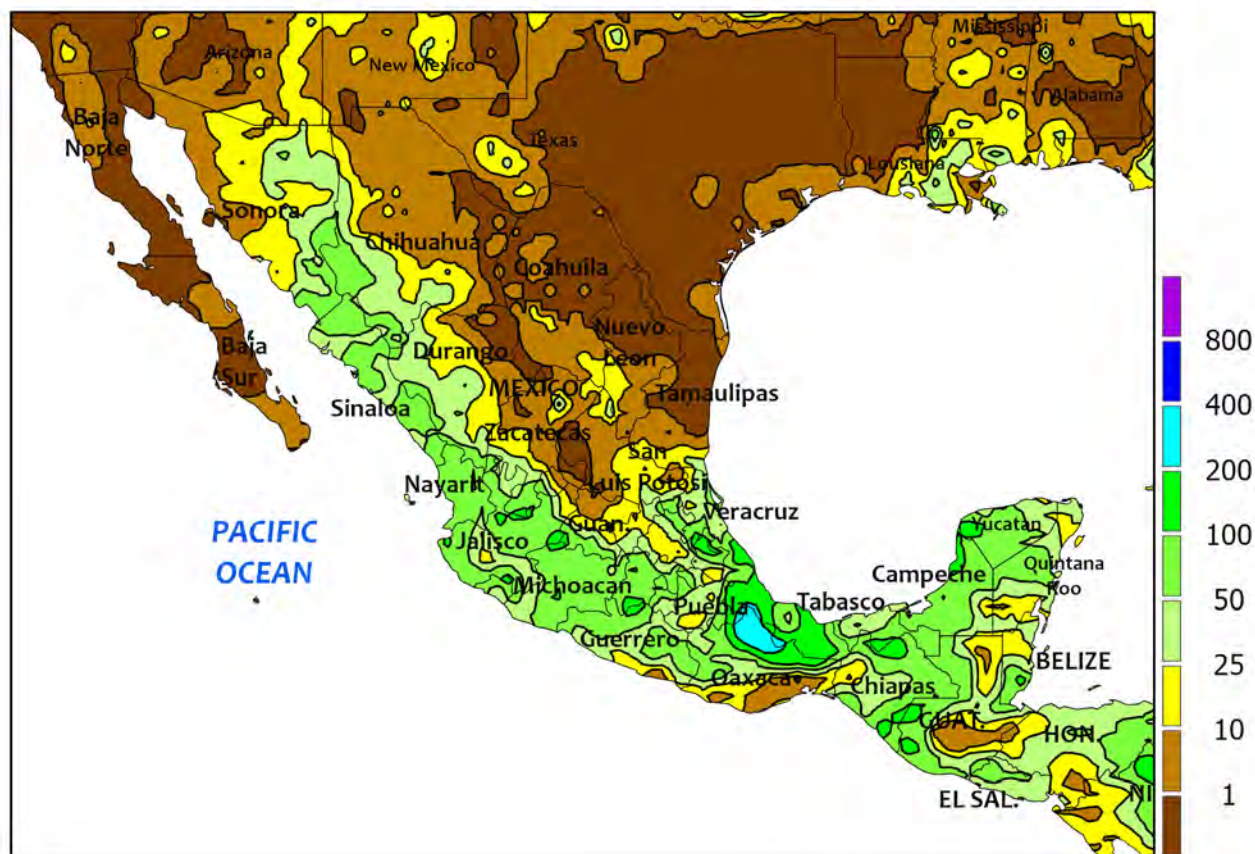


BRAZIL

Sunny, albeit cool, weather prevailed across the southern wheat belt, fostering a generally slow pace of crop development. Weekly average temperatures ranged from 1 to 3°C below normal; nighttime lows dropped into the low single digits (degrees C) as far north as Paraná, though freezes were confined to outlying production areas, likely having limited if any impacts on wheat in temperature-sensitive stages of development. According to the government of Rio Grande do

Sul, wheat was 8 percent flowering as of August 15, compared with the 5-year average of 13 percent. In Paraná, nearly 80 percent of wheat had reached flowering as of August 12 and over 20 percent was either mature or harvested; meanwhile, second-crop corn was 92 percent harvested. Farther north, seasonable warmth and dryness continued. According to the government of Mato Grosso, cotton was 57 percent harvested on August 16 versus 76 percent on average.

MEXICO
Total Precipitation(mm)
August 11 - 17, 2024



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

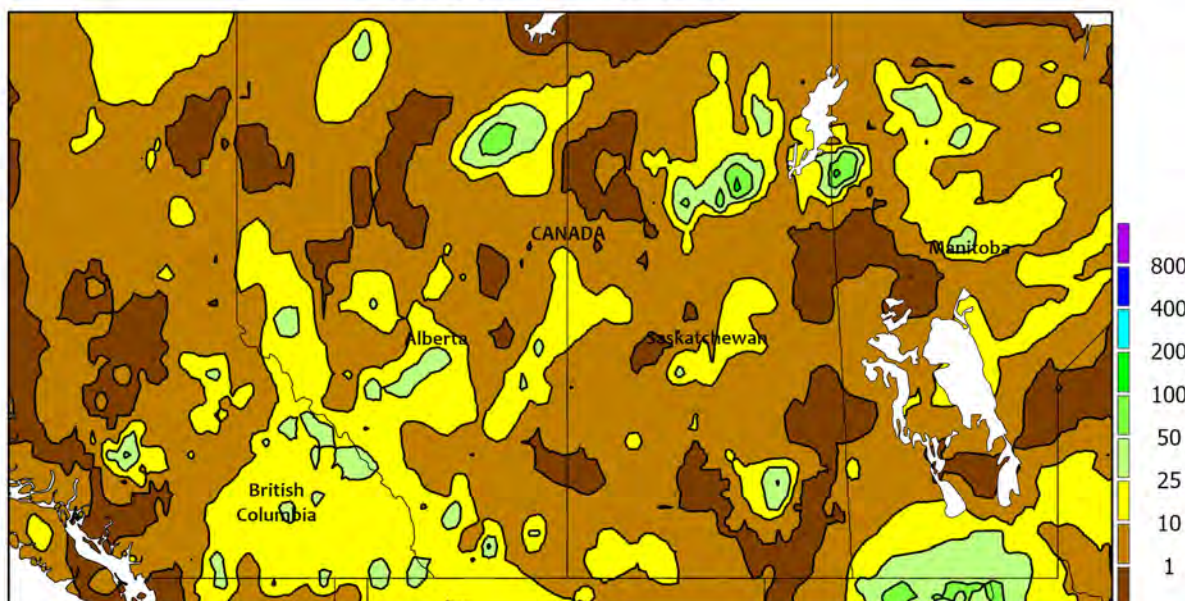


MEXICO

Seasonal showers provided further drought relief to farmlands in southern and northwestern Mexico. Rainfall totaled 25 to 100 mm – locally higher – across the southern Plateau (Jalisco to Puebla) and the southeast, including the Yucatán Peninsula. Temperatures were seasonable, with highest daytime temperatures mostly ranging from the middle 20s (degrees C) to the lower 30s, promoting growth of corn and other summer crops in the absence of stressful

heat. The rainfall extended northward through Veracruz and environs, but unseasonable warmth and dryness (daytime highs approaching 40°C) dominated the northeast, taxing already limited moisture reserves to meet increased demand for crops and livestock. Meanwhile, monsoon showers continued in northwestern watersheds, with rainfall totaling 10 to more than 50 mm from Nayarit northward through Sonora and western Chihuahua.

CANADIAN PRAIRIES
Total Precipitation(mm)
August 11 - 17, 2024



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



CANADIAN PRAIRIES

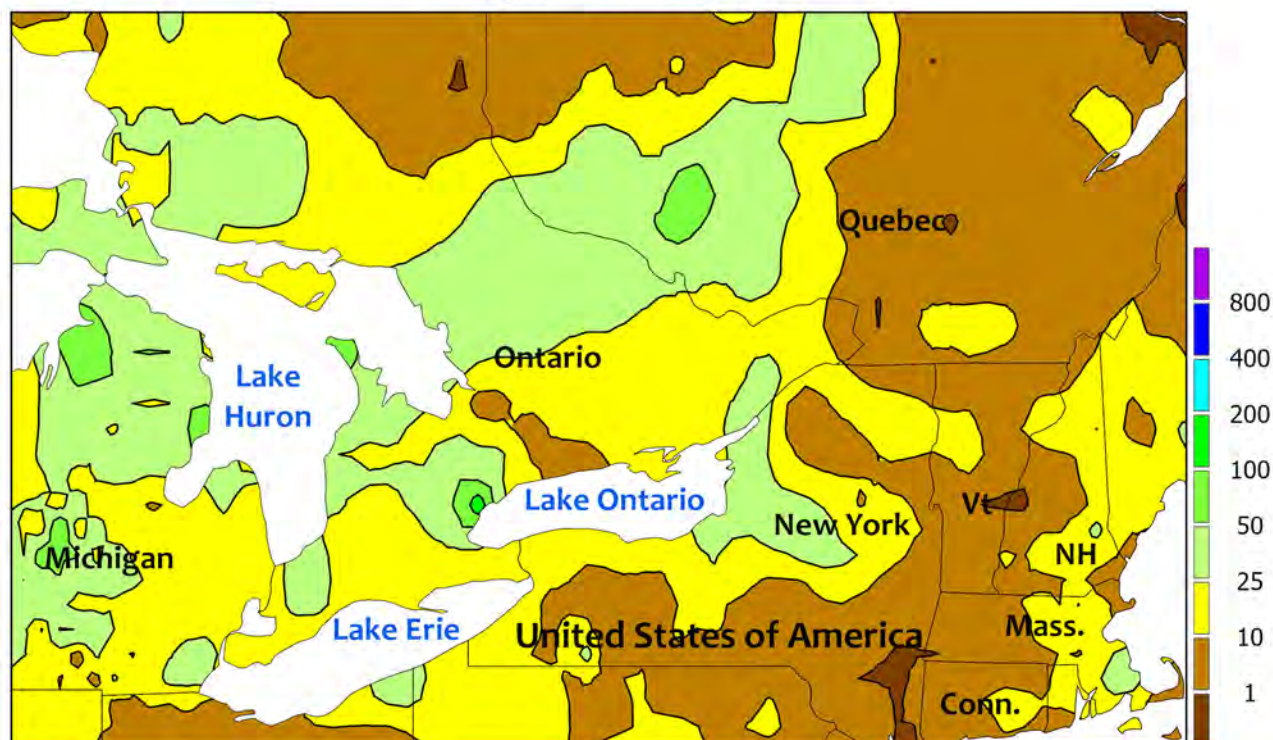
Warm, showery weather benefited immature spring grains and oilseeds in northern farming areas, but the moisture came too late for crops already nearing maturity. Rainfall was generally light (1-15 mm) across the Prairies, although pockets of heavier rain (greater than 25 mm) were scattered throughout Alberta and Manitoba. In contrast to last week's cool down, weekly temperatures averaged 1 to 3°C above

normal in most agricultural districts, with daytime temperatures reaching the upper 20s and lower 30s (degrees C) and nighttime lows mostly staying above 5°C. According to the government of Saskatchewan, crops were 6 percent harvested as of August 12, on par with the 5-year average pace (5 percent), led by the southwestern region with 16 percent harvested.

SOUTHEASTERN CANADA

Total Precipitation(mm)

August 11 - 17, 2024



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



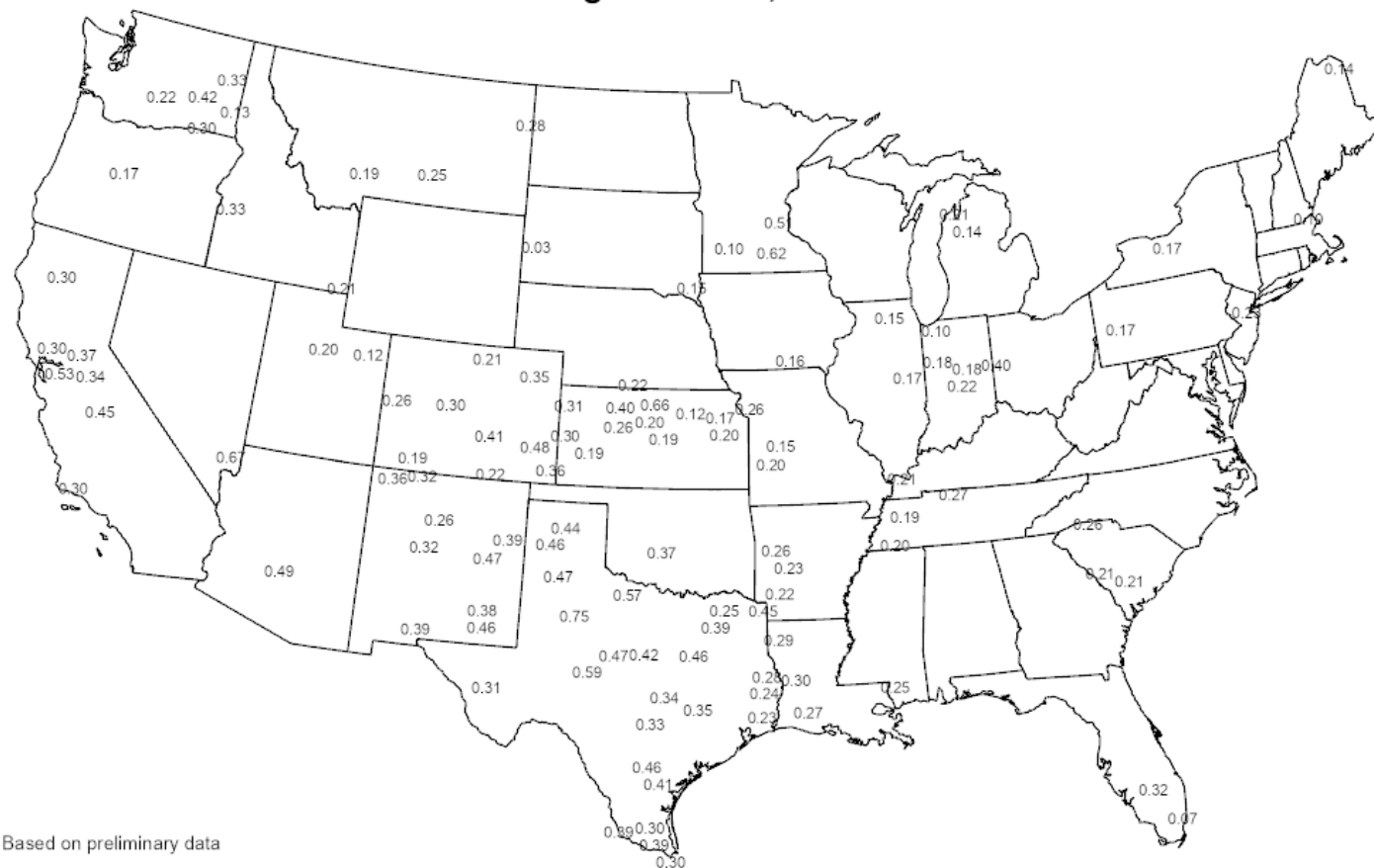
SOUTHEASTERN CANADA

Showers and summer warmth maintained overall favorable conditions for crops and pastures. Weekly average temperatures ranged from near to slightly below normal in Ontario's southwestern farming areas to as much as 2°C above normal in Quebec. Despite the disparity, highest daytime temperatures were fairly uniform, reaching the upper 20s and lower 30s

(degrees C) regionwide. Similarly, nighttime lows stayed at or above 10°C in most agricultural districts, including locations in traditionally cooler northern farmlands. Favorably drier weather (rainfall totaling below 10 mm) returned to Quebec's eastern agricultural areas in the wake of last week's tropical showers, while light to moderate rain (10-50 mm) fell farther west.

Average Pan Evaporation (inches/day)

August 11 - 17, 2024



Based on preliminary data

USDA Agricultural Weather Assessments

Data obtained from the NWS Cooperative Observer Network.

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