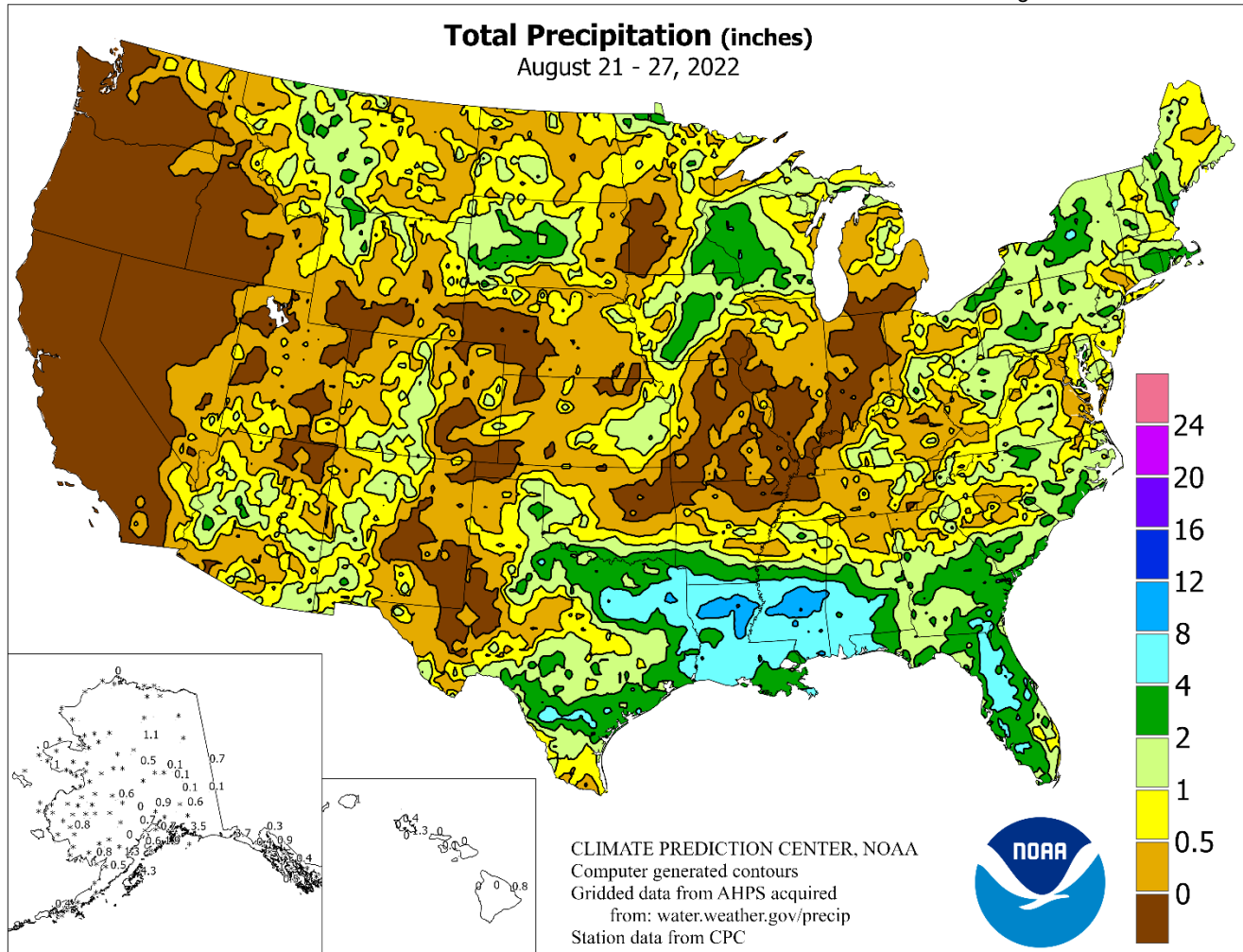


WEEKLY WEATHER AND CROP BULLETIN

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 21 – 27, 2022

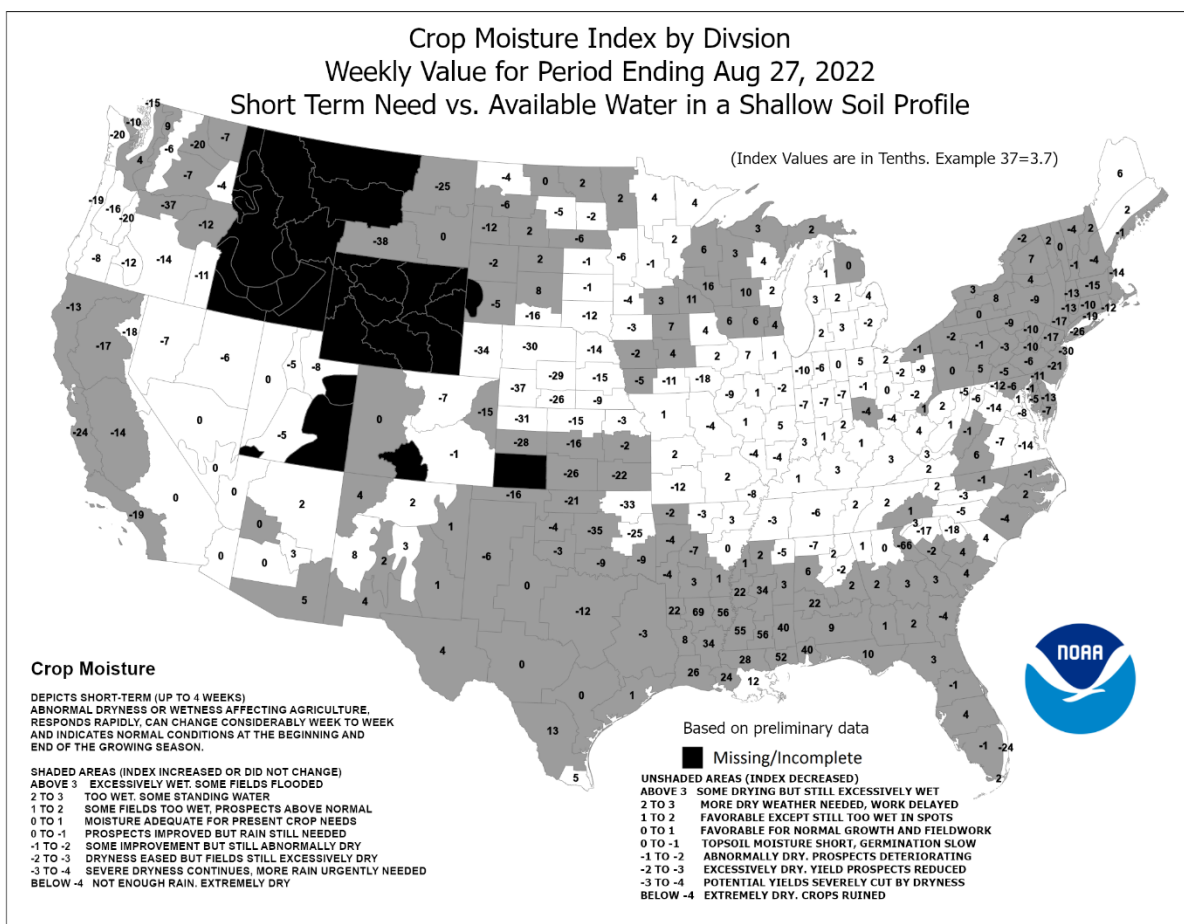
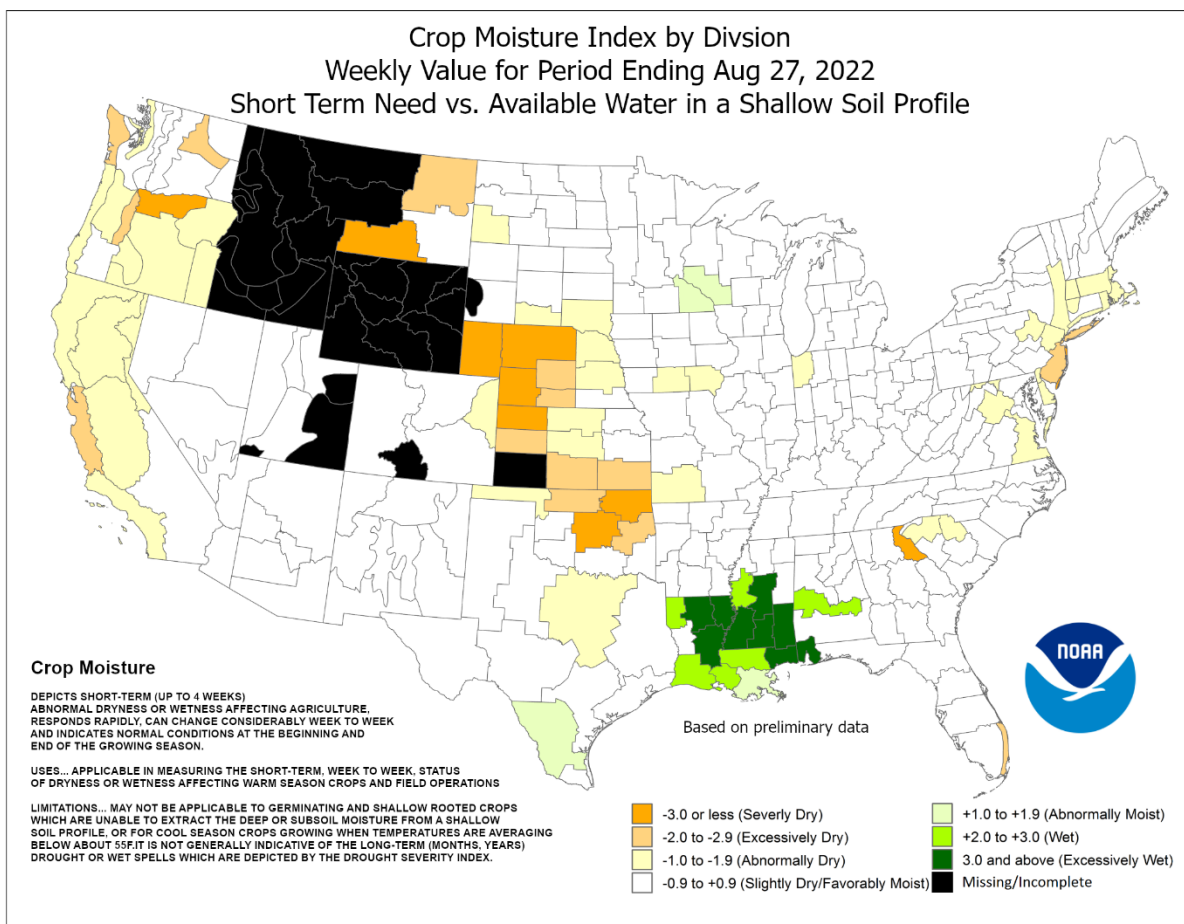
Highlights provided by USDA/WAOB

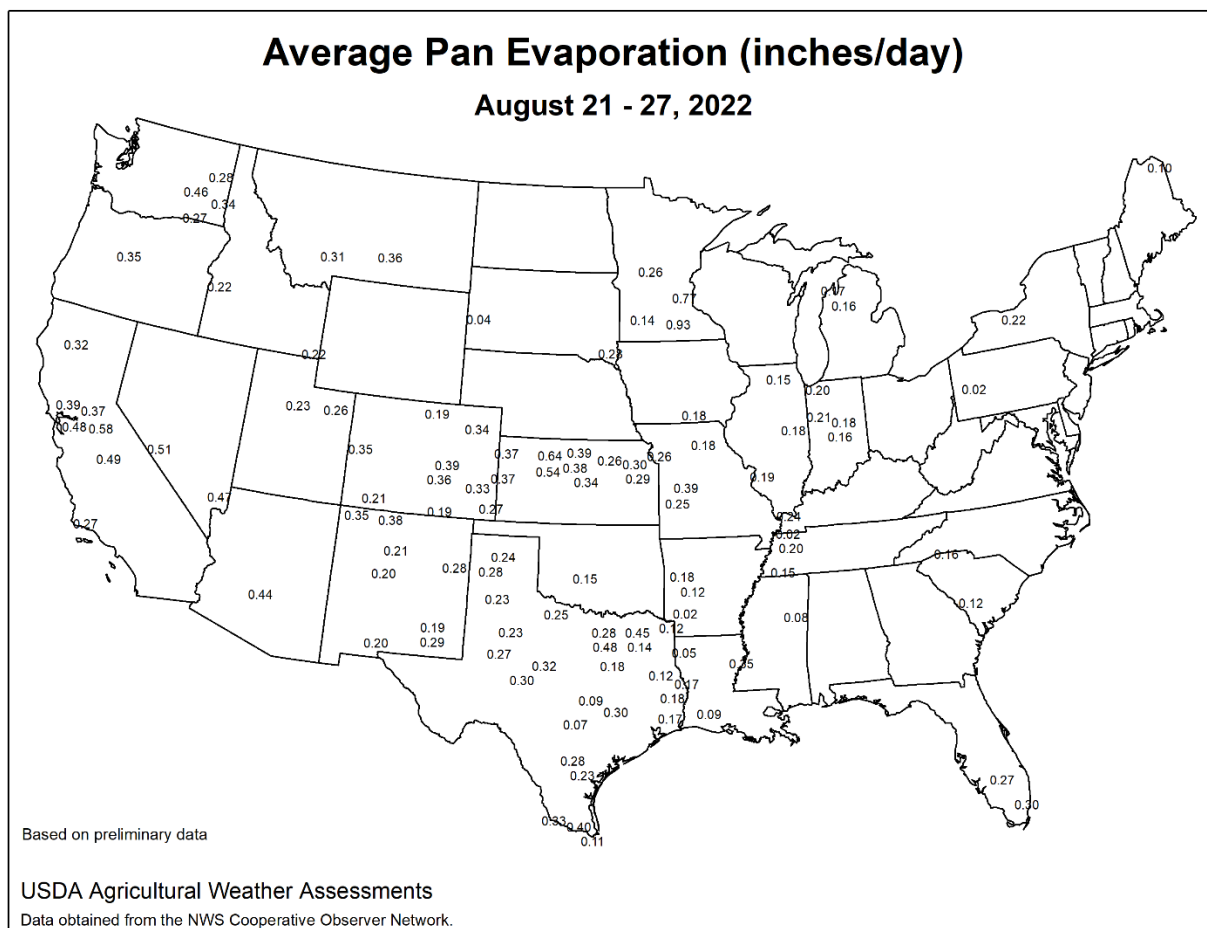
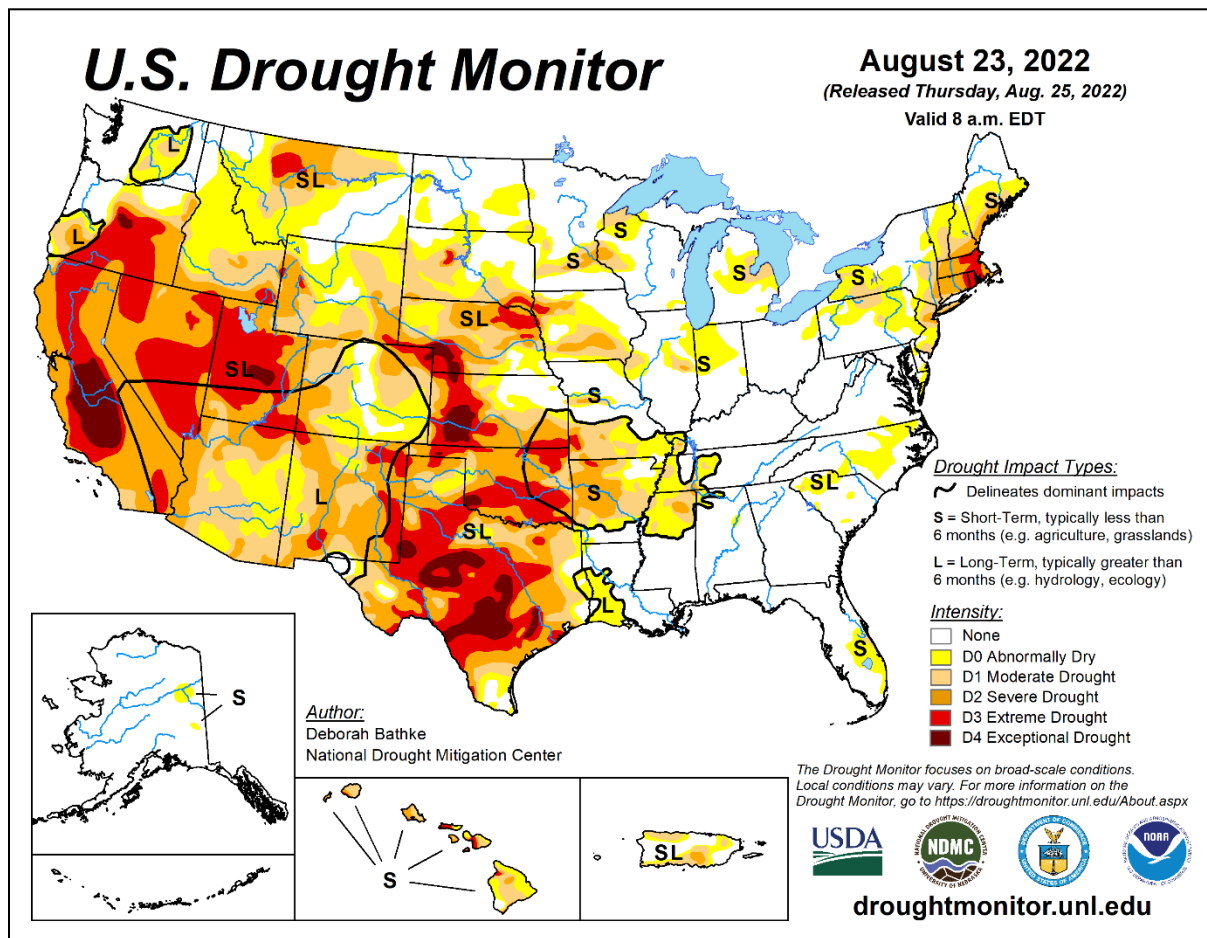
Dramatically heavy rain fell early in the week in **northeastern Texas** before shifting to the **central Gulf Coast States**. Rainfall totals of 4 to 10 inches were common, with 10- to 15-inch amounts observed in the hardest-hit areas. In **Texas**, flash flooding engulfed the **Dallas-Fort Worth** area on August 21-22, followed by extensive lowland flooding in the **lower Mississippi Valley** and environs. Excessive wetness was also detrimental to maturing summer crops in the **Mississippi Delta**, with potential impacts on crop quality. In contrast,

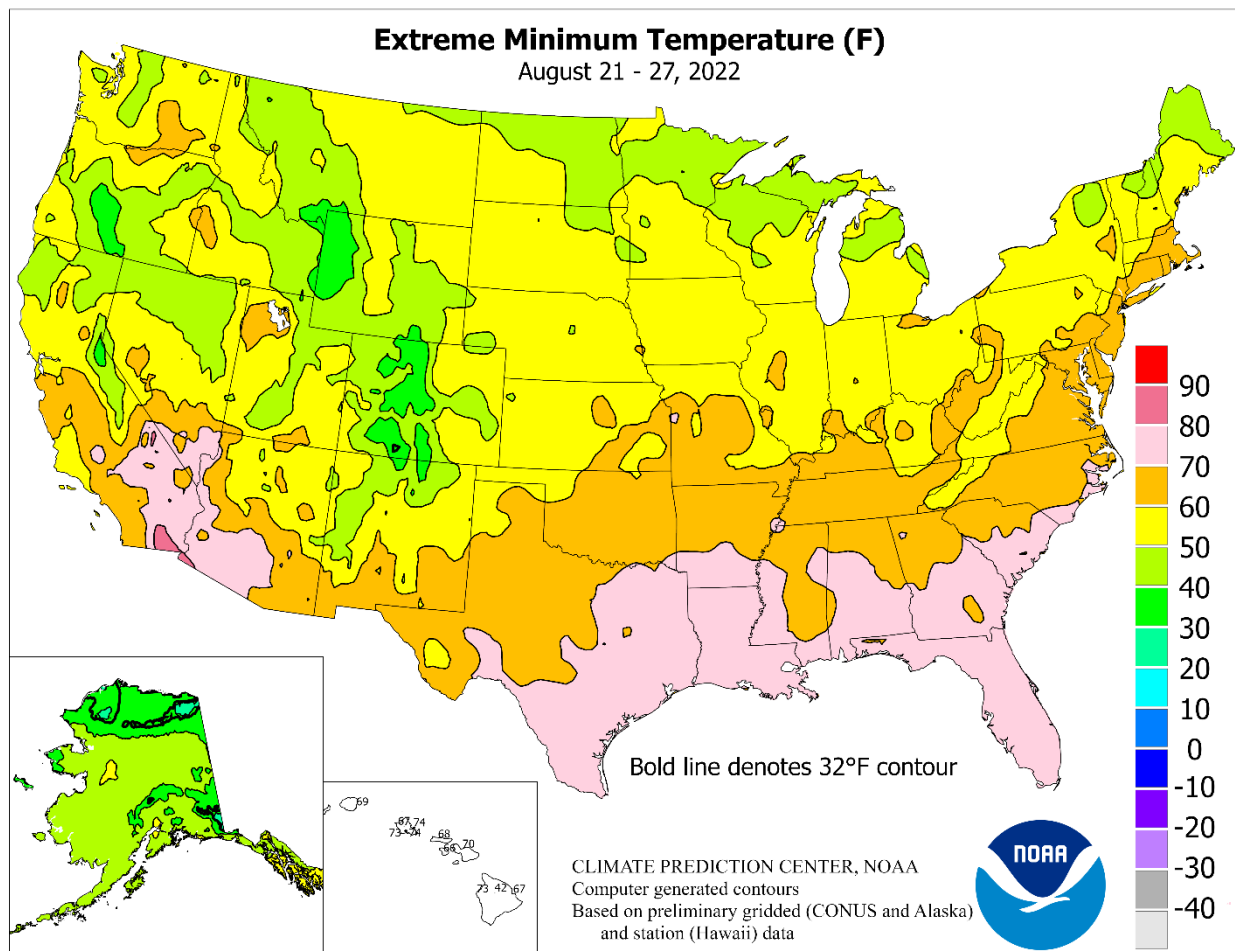
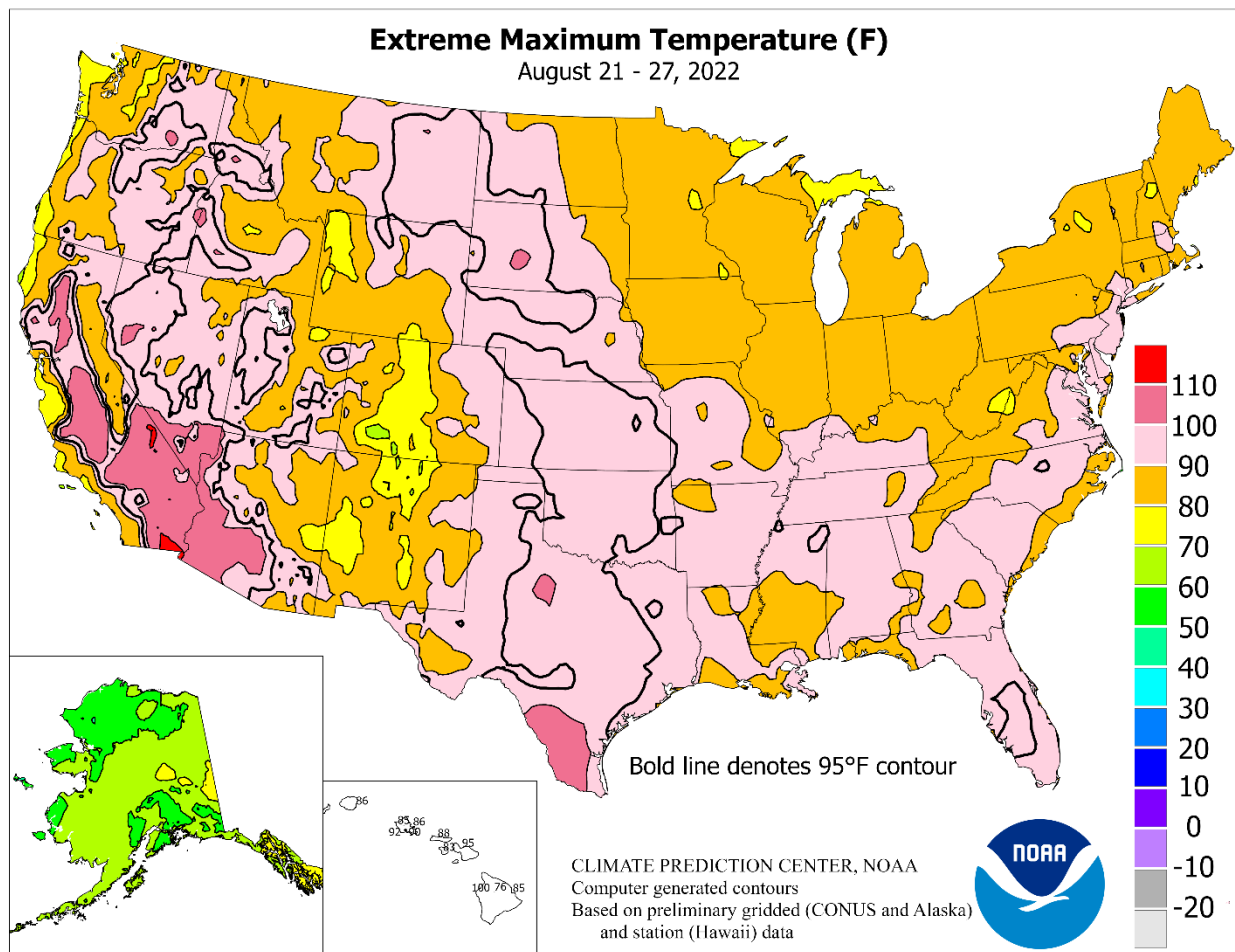
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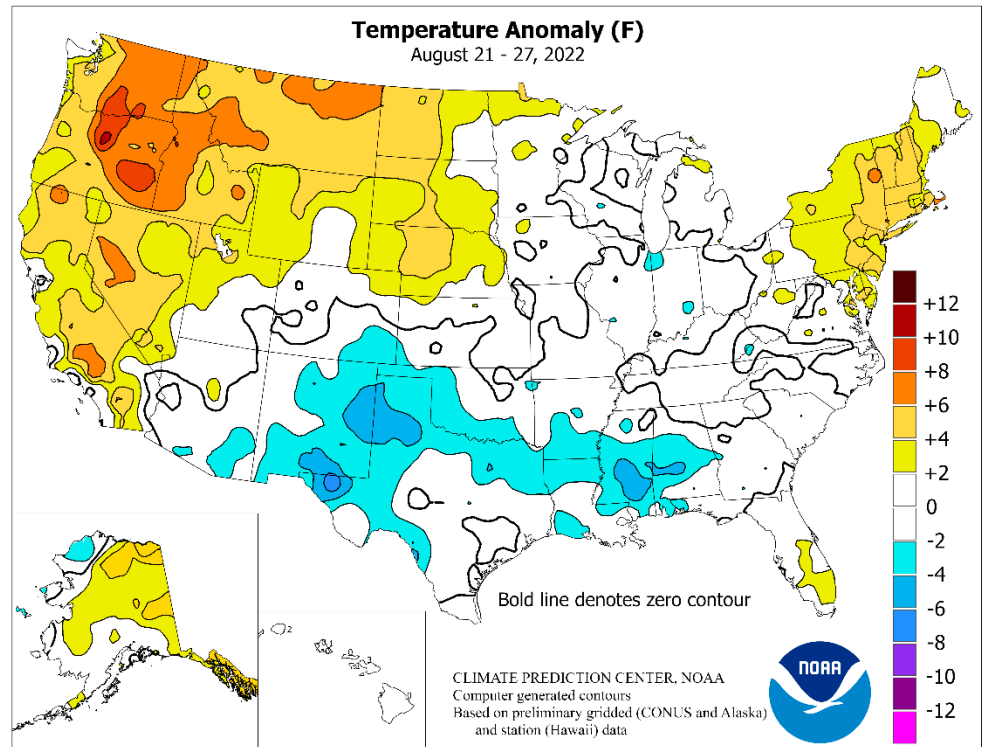




(Continued from front cover)

little or no rain fell during the week in several areas, including the **central Plains**, **lower Midwest**, and **Tennessee Valley**. Spotty, locally heavy showers dotted the **North**, from **Montana into the Northeast**, causing minor fieldwork delays but providing local relief in areas experiencing drought. Elsewhere, hot, dry weather prevailed in the **Far West**, while monsoon-related showers gradually subsided in the **Four Corners States**. **Northwestern** heat and dryness favored small grain maturation and harvesting—but left little moisture for the upcoming winter wheat planting season. Weekly temperatures averaged as much as 10°F above normal across the **interior Northwest**. A much larger area, generally stretching from near the **Pacific Coast to the northern High Plains**, experienced temperatures averaging at least 5°F above normal. Readings also averaged 5°F or more above normal in portions of the **Northeast**. In contrast, temperatures averaged 2 to 5°F below normal across **southern sections of the Rockies and High Plains**. Weekly readings also averaged at least 2°F below normal in rain-soaked areas from **northeastern Texas to Alabama**.

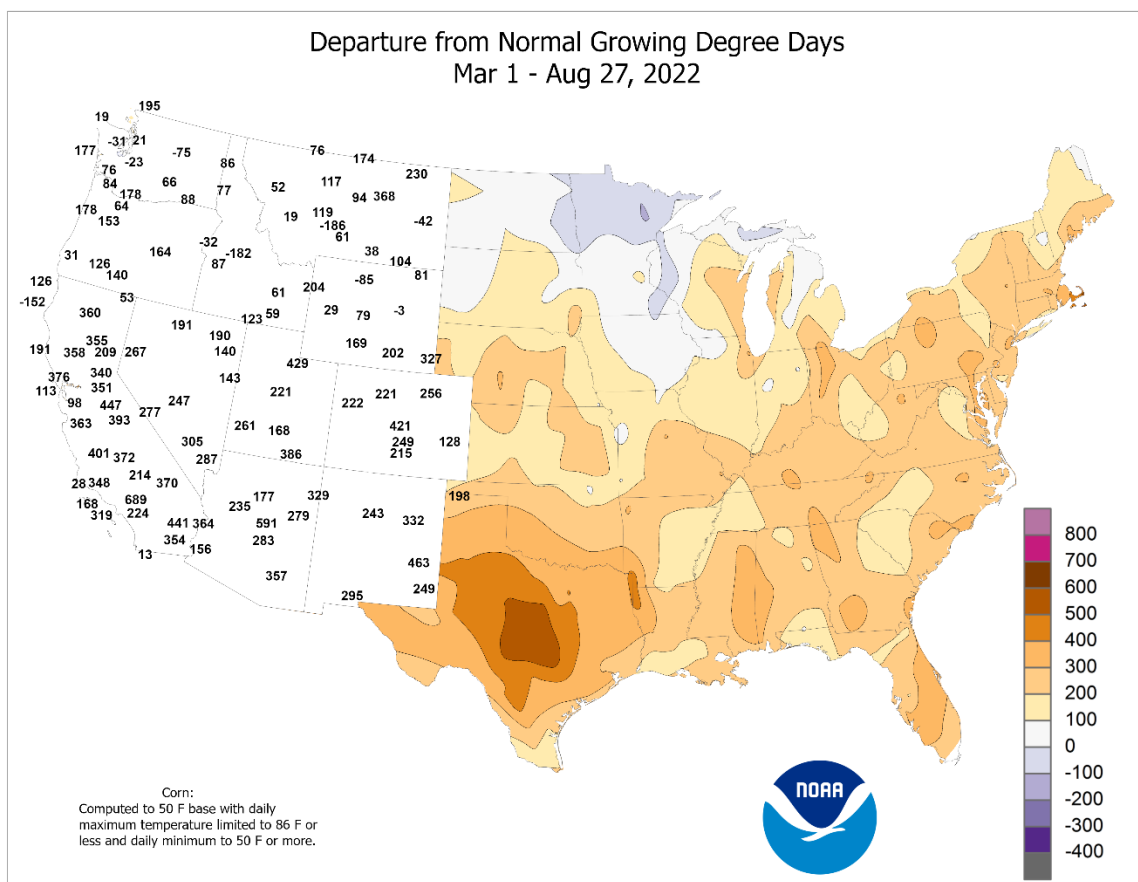
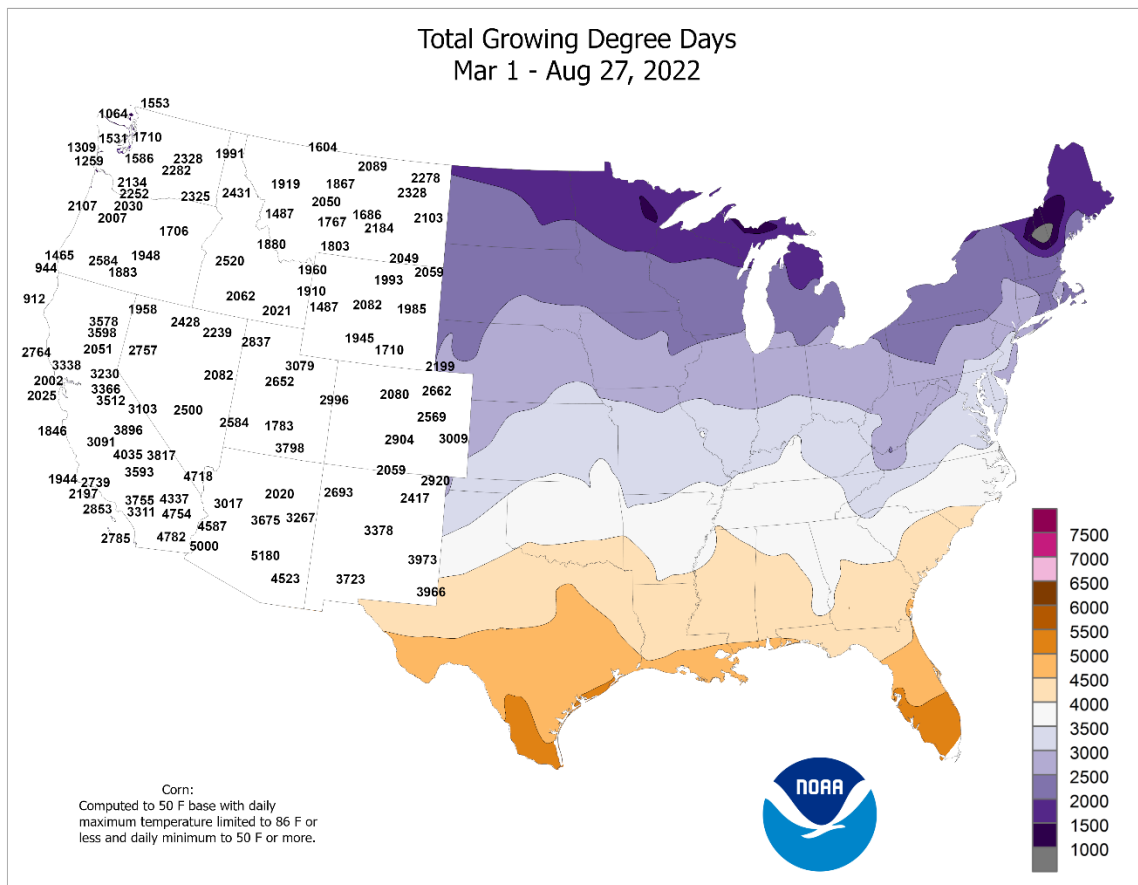
Dallas-Fort Worth (DFW), TX, received 3.53 and 5.66 inches, respectively, on August 21 and 22. **DFW's** 2-day total, 9.19 inches, fell in slightly under 24 hours. The only wetter 24-hour period in **DFW's** history occurred on September 4-5, 1932, when 9.57 inches fell. Ironically, **DFW** had recently experienced 67 days, from June 4 – August 9, without measurable rain—the second-longest such streak on record in that location, behind only 85 days from July 1 – September 23, 2000. Meanwhile, daily-record totals for August 21 included 1.87 inches in **Greenwood, MS**; 1.71 inches in **Blacksburg, VA**; and 1.57 inches in **Lawton, OK**. Rainfall edged southward the following day, when record-setting rainfall totals for August 22 reached 4.41 inches in **Shreveport, LA**, and 3.74 inches in **Longview, TX**. Generally beneficial showers swept across the **Northeast** on August 22; daily-record amounts topped the 2-inch mark in **Allentown, PA** (2.56 inches), and **Portland, ME** (2.19 inches). Heavy rain lingered for several days in the **central Gulf Coast States**, extending into **southern Arkansas**. On August 23, daily-record amounts exceeded 3 inches in **Monroe, LA** (3.79 inches); **Jackson, MS** (3.53 inches); and **El Dorado, AR** (3.20 inches). Daily-record totals surpassed the 5-inch mark in **Lafayette, LA** (5.49 inches on August 25) and **Jackson, MS** (5.05 inches on August 24). On August 23-24, consecutive daily-record totals were established in **Mississippi** locations such as **Jackson** (3.53 and 5.05 inches) and **Vicksburg** (3.04 and 2.90 inches). **Jackson** received 10.43 inches of rain from August 22-25. Subsequently, the **Pearl River in Jackson** crested 7.37 feet above flood stage on August 29—the second-highest level in the last 35 years, behind only 8.67 feet on February 17, 2020. The rain-swollen **Pearl River** contributed to a loss of potable water in **Jackson, Mississippi's** capital and most populous city. During the mid- to late-week period, showers became more numerous across the **North**, where daily-record totals included 0.83 inch (on August 24) at **Lake Yellowstone, WY**; 1.47 inches (on August 25) in **Rapid City, SD**; 1.99 inches (on August 27) in **Eau Claire, WI**; and 2.83 inches (on August 26) in **Pierre, SD**. On August 26, **Portland, ME**, received 1.52 inches—its second daily-record sum

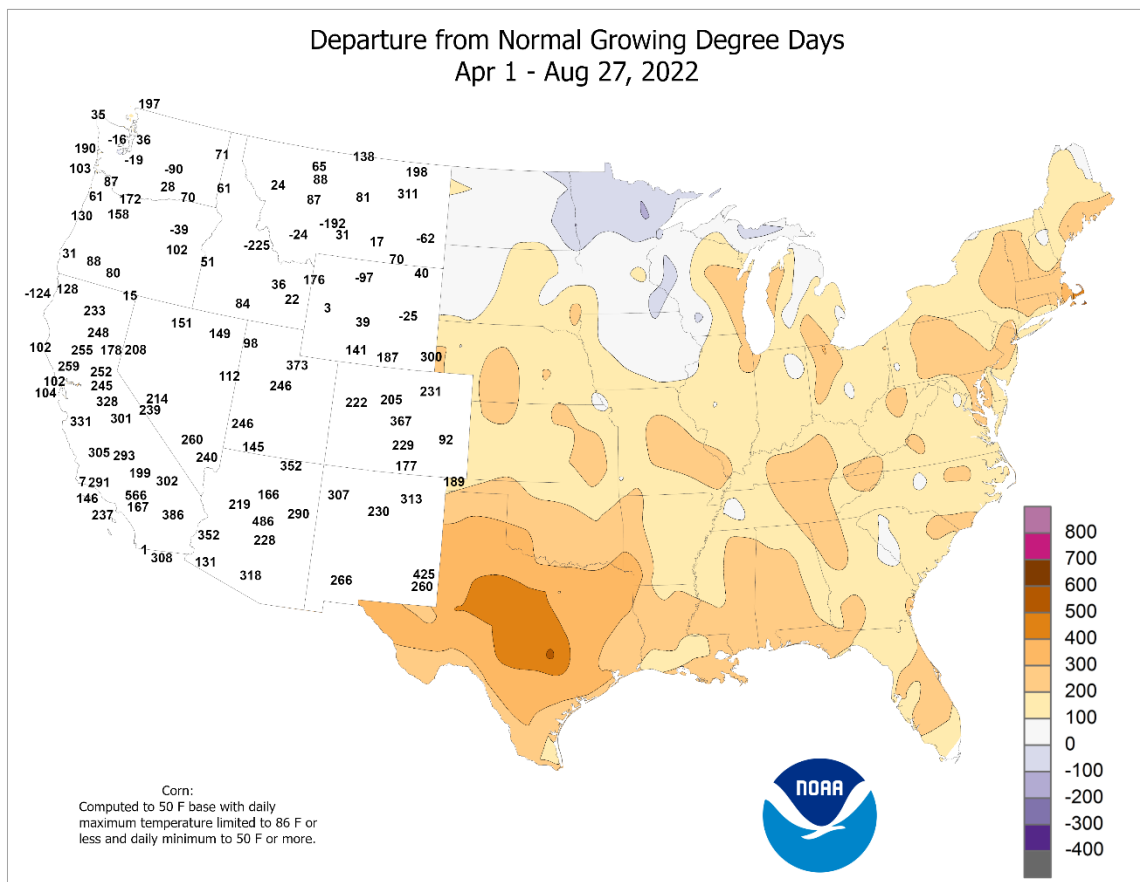
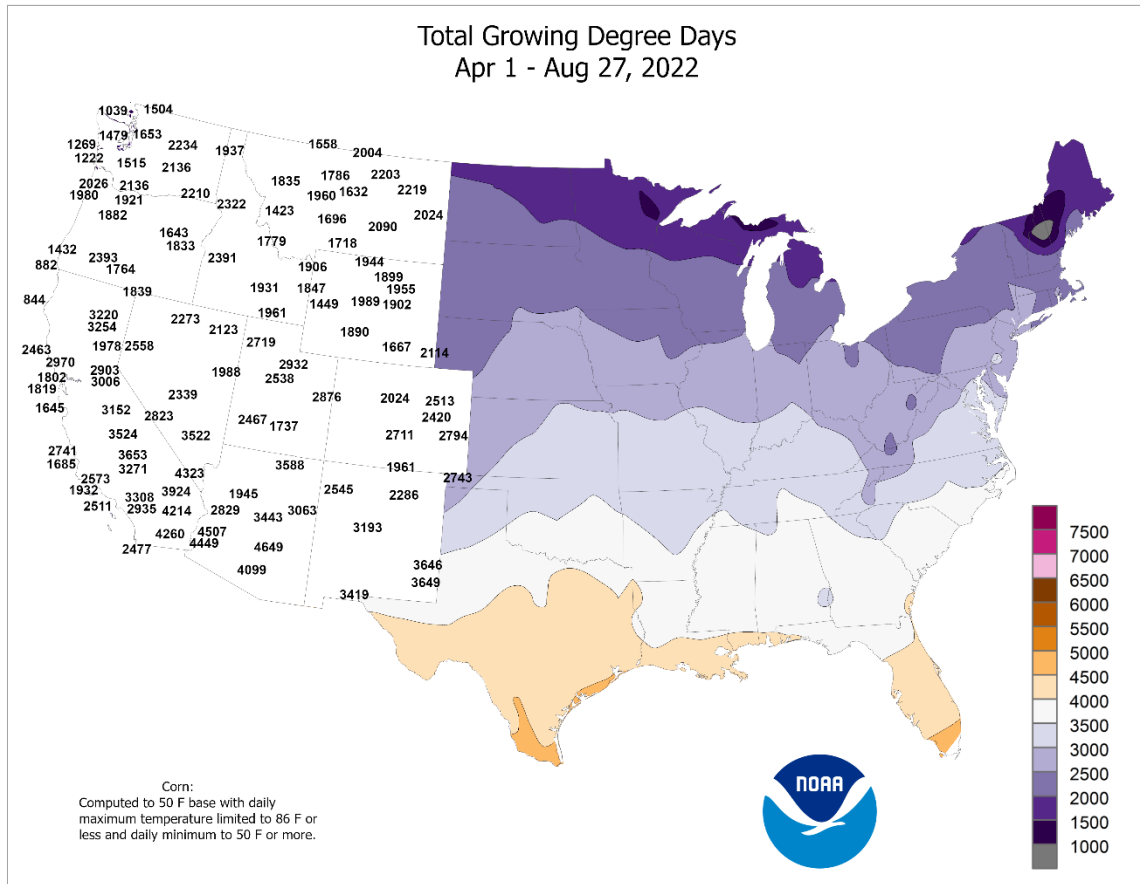


in 5 days. Elsewhere, spotty **Southwestern** showers lingered for much of the week. In **Utah**, **Kodachrome Basin State Park** received rainfall totaling 0.56 inch in a 24-hour period on August 20-21. Later, **Death Valley, CA**, netted a daily-record sum (0.17 inch) for August 25.

For much of the week, extreme heat was focused across **Florida's peninsula, California**, and the **Northwest**. In **Florida**, **Fort Myers** reached or exceeded the 95-degree mark each day from August 20-25, including a trio of daily-record highs (98, 97, and 97°F) during the first half of the 6-day hot spell. Meanwhile in **Montague, CA**, where no measurable rain has fallen this month, a daily-record high of 102°F occurred on August 21. Other triple-digit, daily-record highs included 101°F (on August 21) in **Winnemucca, NV**; 100°F (on August 22) in **Santa Rosa, CA**; 100°F (on August 23) in **Salt Lake City, UT**; and 102°F (on August 25) in **Dallesport, WA**. Record-setting heat extended to **southern California**, where **Lancaster** logged consecutive daily-record highs (106 and 109°F, respectively) on August 22-23. Similarly, **Bishop, CA**, tallied a pair of daily-record highs (105 and 102°F, respectively) on August 23-24.

Warmth developed or continued across much of **Alaska**, accompanied by scattered to widespread showers. Weekly temperatures averaged at least 5°F above normal in parts of **eastern and southeastern Alaska**. **Fairbanks** last reported a below-normal daily average temperature on August 11. Meanwhile in **south-central Alaska**, August 1-27 rainfall climbed to 6.24 inches (248 percent of normal) in **Anchorage** and 8.78 inches (212 percent) in **Kodiak**. Farther south, **Hawaiian** weather was highlighted by warmth and little rainfall, except in some western locations. In **Honolulu, Oahu**, and **Kahului, Maui**, August 1-27 rainfall totaled just 0.06 inch (9 and 13 percent of normal, respectively). However, **Lihue, Kauai**, collected a daily-record rainfall of 0.80 inch on August 26, helping to boost its month-to-date sum to 1.83 inches (91 percent of normal). Meanwhile, **Kahului** posted a daily-record high of 95°F on August 25. With 4 days of 95-degree heat this month, **Kahului** eclipsed its August 2019 record of 3 days. (**Kahului's** record for any month remains 5 days of 95-degree heat in September 2019.)





National Weather Data for Selected Cities

Weather Data for the Week Ending August 27, 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	90 AND ABOVE	32 AND BELOW	PRECIP			
																			.01 INCH OR MORE	.50 INCH OR MORE		
AK	ANCHORAGE	60	53	64	51	56	1	0.70	-0.11	0.17	10.31	183	15.36	172	99	74	0	0	7	0		
	BARROW	42	36	55	32	39	1	0.02	-0.21	0.01	2.90	126	9.07	290	99	84	0	1	2	0		
	FAIRBANKS	69	52	74	47	60	6	0.09	-0.30	0.08	2.42	46	4.57	61	87	46	0	0	2	0		
	JUNEAU	67	54	75	49	60	5	0.85	-0.57	0.52	15.45	122	49.53	153	93	69	0	0	3	1		
	KODIAK	60	52	64	47	56	1	4.31	3.23	1.33	15.92	108	50.05	108	95	77	0	0	5	4		
AL	NOME	57	46	67	39	51	2	0.98	0.25	0.61	5.92	99	8.62	84	92	70	0	0	3	1		
	BIRMINGHAM	84	72	92	71	78	-3	0.66	-0.18	0.40	13.91	109	38.58	105	96	66	1	0	4	0		
	HUNTSVILLE	87	70	95	69	78	-1	0.42	-0.34	0.42	5.99	52	37.32	103	99	61	2	0	1	0		
	MOBILE	85	74	92	72	80	-2	4.69	3.26	1.50	20.48	104	44.19	95	96	72	2	0	6	4		
	MONTGOMERY	85	73	94	72	79	-2	6.51	5.64	2.82	16.96	133	41.83	115	96	70	2	0	5	4		
AR	FORT SMITH	89	71	96	69	80	-1	0.33	-0.21	0.32	12.30	125	34.57	119	92	51	4	0	2	0		
	LITTLE ROCK	88	73	94	70	80	-2	0.20	-0.41	0.15	8.77	96	34.70	111	91	59	3	0	4	0		
AZ	FLAGSTAFF	78	52	83	49	65	2	1.63	0.98	0.87	8.67	151	11.68	84	94	43	0	0	5	1		
	PHOENIX	102	83	106	78	93	0	0.00	-0.23	0.00	1.31	66	1.87	35	61	28	7	0	0	0		
	PRESCOTT	84	60	89	58	72	-1	1.57	1.04	1.14	6.69	138	8.13	86	90	41	0	0	5	1		
CA	TUCSON	96	73	100	70	85	-1	0.71	0.20	0.71	3.02	65	3.69	47	79	31	7	0	1	1		
	BAKERSFIELD	103	76	106	74	89	8	0.00	-0.01	0.00	0.01	9	1.85	41	40	17	7	0	0	0		
	EUREKA	64	56	69	50	60	1	0.00	-0.10	0.00	3.14	248	14.04	59	97	86	0	0	0	0		
	FRESNO	103	73	106	70	88	7	0.00	-0.01	0.00	0.04	14	1.08	13	60	15	7	0	0	0		
	LOS ANGELES	76	66	80	64	71	1	0.00	-0.01	0.00	0.01	6	1.47	16	90	67	0	0	0	0		
CO	REDDING	102	68	104	63	85	7	0.00	-0.07	0.00	0.84	84	4.89	23	49	9	7	0	0	0		
	SACRAMENTO	94	61	100	58	78	3	0.00	-0.02	0.00	0.09	31	2.19	18	84	26	5	0	0	0		
	SAN DIEGO	77	69	79	68	73	1	0.00	-0.01	0.00	0.00	0	2.48	34	82	64	0	0	0	0		
	SAN FRANCISCO	75	57	77	56	66	1	0.00	-0.01	0.00	0.04	26	1.81	13	91	54	0	0	0	0		
	STOCKTON	97	63	100	61	80	5	0.00	-0.01	0.00	0.06	55	1.60	17	80	23	7	0	0	0		
CT	ALAMOSA	76	47	81	40	62	0	1.69	1.40	1.60	6.22	239	8.94	181	99	36	0	0	2	1		
	CO SPRINGS	82	54	86	52	68	0	0.01	-0.60	0.01	8.17	98	11.64	86	78	27	0	0	1	0		
	DENVER INTL	87	59	90	57	73	2	1.13	0.84	1.13	3.01	53	8.22	72	70	22	2	0	1	1		
	GRAND JUNCTION	89	62	95	55	75	1	0.06	-0.17	0.06	1.52	78	3.32	56	68	23	3	0	1	0		
	PUEBLO	89	56	94	52	73	0	0.00	-0.46	0.00	3.04	55	8.34	82	74	21	2	0	0	0		
DC	BRIDGEPORT	84	70	88	68	77	5	0.03	-0.85	0.03	6.02	56	19.76	69	89	55	0	0	1	0		
	HARTFORD	85	67	90	65	76	5	1.44	0.65	0.82	9.13	75	26.63	89	95	50	1	0	3	1		
DE	WASHINGTON	89	72	93	68	80	3	0.19	-0.44	0.16	12.06	120	29.49	113	86	49	4	0	2	0		
FL	WILMINGTON	89	69	92	67	79	5	0.88	0.19	0.49	10.83	95	27.20	96	92	47	3	0	2	0		
	DAYTONA BEACH	92	76	94	73	84	3	2.51	0.93	1.95	12.57	73	25.33	78	94	60	6	0	3	1		
	JACKSONVILLE	90	73	92	72	81	0	2.89	1.18	1.48	15.98	85	37.11	108	100	63	4	0	5	2		
	KEY WEST	90	83	91	81	87	2	0.45	-0.88	0.18	10.09	82	17.83	77	81	65	5	0	3	0		
	MIAMI	93	81	93	78	87	3	0.62	-1.51	0.55	23.54	98	42.02	107	81	56	7	0	2	1		
GA	ORLANDO	95	77	96	75	86	3	0.80	-0.75	0.43	15.64	74	30.35	85	94	48	7	0	3	0		
	PENSACOLA	87	75	91	73	81	-1	4.16	2.73	1.65	29.39	146	51.02	115	98	74	1	0	6	3		
	TALLAHASSEE	91	73	92	72	82	1	1.15	-0.38	1.15	28.09	130	47.87	110	100	62	6	0	1	1		
	TAMPA	93	78	95	77	85	2	1.39	-0.41	0.60	25.97	126	38.98	119	86	57	7	0	4	1		
	WEST PALM BEACH	92	80	94	78	86	4	0.06	-1.87	0.04	13.42	64	28.56	72	86	56	7	0	2	0		
HI	ATHENS	87	70	92	68	78	-1	0.42	-0.32	0.35	12.21	103	29.88	96	97	58	2	0	2	0		
	ATLANTA	86	72	90	70	79	0	0.90	-0.05	0.59	15.31	121	36.63	109	95	59	1	0	3	1		
	AUGUSTA	87	71	92	69	79	-1	1.74	0.77	1.26	18.04	139	35.58	117	100	62	1	0	5	1		
	COLUMBUS	86	73	90	71	79	-3	1.12	0.26	0.42	9.42	79	33.26	103	97	65	1	0	4	0		
	MACON	87	73	91	72	80	0	1.39	0.42	1.22	18.25	144	35.84	114	97	63	1	0	4	1		
IA	SAVANNAH	88	73	92	73	81	0	3.50	2.00	1.93	16.34	94	24.93	74	96	58	1	0	5	2		
	HILO	83	69	85	67	76	0	0.82	-1.27	0.30	17.41	64	57.47	73	94	63	0	0	7	0		
	HONOLULU	88	76	90	74	82	0	0.04	-0.08	0.04	0.31	23	9.08	102	82	52	1	0	1	0		
	KAHULUI	92	73	95	70	83	3	0.03	-0.07	0.03	0.17	14	0.82	7	76	43	5	0	1	0		
	LIHUE	84	72	86	69	78	-2	0.99	0.54	0.93	3.22	59	18.89	89	94	65	0	0	4	1		
ID	BURLINGTON	83	63	87	56	73	-2	0.00	-0.99	0.00	5.96	47	16.55	61	95	56	0	0	0	0		
	CEDAR RAPIDS	83	60	87	57	71	1	0.04	-0.96	0.03	8.30	62	16.34	65	95	54	0	0	2	0		
	DES MOINES	84	64	91	59	74	1	1.26	0.34	1.22	8.50	64	21.11	80	94	49	1	0	2	1		
	DUBUQUE	80	61	82	57	71	1	0.18	-0.77	0.18	11.78	93	22.01	86	96	61	0	0	1	0		
	SIOUX CITY	84	62	89	55	73	2	0.44	-0.28	0.23	5.54	55	11.12	55	98	56	0	0	3	0		
IL	WATERLOO	83	61	87	56	72	2	0.61	-0.30	0.61	13.74	100	25.98	100	94	54	0	0	1	1		
	BOISE	96	67	101	64	82	9	0.00	-0.06	0.00	1.09	83	5.91	78	47	13	6	0	0	0		
IN	LEWISTON	92	67	99	65	80	7	0.14	-0.03	0.13	3.44	136	9.63	112	68	22	5	0	2	0		
	POCATELLO	92	53	94	49	73	5	0.00	-0.15	0.00	1.43	66	7.28	90	79	17	6	0	0	0		
	CHICAGO/O_HARE	82	64	85	59	73	2	0.36	-0.68	0.35	7.92	69	23.54	96	88	48	0	0	2	0		
	MOLINE	84	62	86	57	73	0	0.22	-0.80	0.22	11.20	87	23.35	87	94	54	0	0	1	0		
	PEORIA	84	64	87	61	74	1	0.12	-0.62	0.12	6.79	67	19.10	78	96	44	0	0	1	0		
KS	ROCKFORD	82	60	83	57	71	0	0.47	-0.53	0.47	15.44	122	26.77	106	96	53	0	0	1	0		
	SPRINGFIELD	83	63	86	61	73	0	0.30	-0.40	0.30	12.81	114	23.34	92	93	53	0	0	1	0		
	EVANSVILLE	89	66	92	62	77	1	0.01	-0.65	0.01	9.17	89	32.34	106	93	45	3	0	1	0		
	FORT WAYNE	81	58	83	56	70	-1															

Weather Data for the Week Ending August 27, 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	94	66	98	61	80	1	0.98	-0.13	0.98	5.55	47	24.17	102	79	28	7	0	1	1
	LEXINGTON	87	64	90	60	75	0	0.26	-0.41	0.26	11.55	96	35.91	114	92	47	1	0	1	0
	LOUISVILLE	87	68	91	65	78	0	0.78	0.11	0.65	12.06	109	31.31	101	90	49	2	0	2	1
LA	PADUCAH	91	64	95	61	78	1	0.00	-0.57	0.00	5.62	51	33.07	102	96	45	4	0	0	0
	BATON ROUGE	88	75	92	75	82	-1	3.98	2.10	1.56	19.33	102	34.17	84	100	69	2	0	6	4
	LAKE CHARLES	86	74	89	72	80	-3	2.24	1.19	1.27	14.64	87	23.85	63	99	69	0	0	5	2
MA	NEW ORLEANS	86	76	88	75	81	-2	3.18	1.87	1.02	16.51	85	38.17	87	98	75	0	0	7	3
	SHREVEPORT	87	75	92	71	81	-2	7.67	7.10	4.39	15.47	135	34.57	102	93	68	3	0	6	3
	BOSTON	82	68	91	67	75	4	0.85	0.15	0.43	3.66	36	16.65	59	94	60	1	0	3	0
MD	WORCESTER	80	64	86	62	73	5	2.01	1.23	0.92	8.98	76	27.26	88	96	56	0	0	3	3
	BALTIMORE	89	69	92	65	79	5	0.69	-0.03	0.30	12.79	123	31.36	114	91	46	3	0	4	0
	CARIBOU	74	56	85	47	65	3	0.68	-0.11	0.50	11.64	107	27.78	115	94	54	0	0	3	1
MI	PORTLAND	79	63	84	61	71	4	3.72	3.03	2.19	8.27	81	23.56	80	99	63	0	0	2	2
	ALPENA	79	56	83	48	68	3	0.09	-0.67	0.05	7.75	92	20.86	114	97	52	0	0	2	0
	GRAND RAPIDS	80	60	85	57	70	0	0.03	-0.76	0.02	7.22	68	24.27	100	96	52	0	0	2	0
MN	HOUGHTON LAKE	78	52	85	47	65	1	1.37	0.66	1.34	7.03	85	19.05	105	95	53	0	0	2	1
	LANSING	81	60	85	56	71	2	0.29	-0.41	0.26	8.98	99	26.25	127	92	52	0	0	2	0
	MUSKEGON	80	60	85	55	70	1	0.40	-0.35	0.31	7.50	96	20.77	103	91	57	0	0	2	0
MO	TRAVERSE CITY	79	60	83	55	69	3	0.11	-0.65	0.09	7.00	77	16.16	78	89	52	0	0	2	0
	DULUTH	77	57	84	53	67	3	0.46	-0.39	0.41	10.55	93	22.26	110	94	55	0	0	2	0
	INT L FALLS	77	52	84	46	65	3	0.71	0.08	0.35	9.94	99	26.70	161	96	57	0	0	4	0
MS	MINNEAPOLIS	81	64	83	61	73	3	0.88	-0.03	0.88	6.29	51	17.65	81	90	51	0	0	1	1
	ROCHESTER	78	58	81	53	68	0	0.58	-0.43	0.51	14.71	111	29.10	122	96	63	0	0	2	1
	ST. CLOUD	81	56	83	52	69	2	0.23	-0.68	0.22	10.84	101	20.19	106	99	51	0	0	2	0
MT	COLUMBIA	89	66	93	63	78	2	0.16	-0.86	0.16	7.80	61	24.27	83	89	44	3	0	1	0
	KANSAS CITY	89	65	95	62	77	1	0.28	-0.65	0.28	8.49	65	25.66	95	90	43	4	0	1	0
	SAINT LOUIS	87	68	91	66	78	0	0.20	-0.43	0.20	19.13	173	38.35	140	86	44	2	0	1	0
NC	SPRINGFIELD	88	65	91	62	76	-1	0.25	-0.62	0.25	6.65	57	29.39	99	92	45	2	0	1	0
	JACKSON	82	71	88	70	77	-4	10.32	9.50	5.04	20.70	162	47.10	127	100	77	0	0	5	4
	MERIDIAN	83	72	90	69	77	-3	7.19	6.37	4.59	17.49	133	41.68	109	100	75	1	0	6	3
ND	TUPELO	89	73	97	70	81	1	0.18	-0.49	0.10	6.18	53	32.80	90	90	56	3	0	3	0
	BILLINGS	87	62	95	58	74	5	0.06	-0.09	0.03	5.48	134	11.72	117	69	29	3	0	3	0
	BUTTE	80	49	84	45	65	5	0.23	-0.08	0.14	3.94	82	6.75	69	87	28	0	0	2	0
NE	CUT BANK	80	55	90	47	68	6	0.19	-0.09	0.12	5.45	112	6.51	75	91	36	1	0	2	0
	GLASGOW	90	63	100	58	77	8	0.00	-0.25	0.00	2.94	56	6.13	67	71	29	4	0	0	0
	GREAT FALLS	84	56	91	47	70	6	0.33	-0.06	0.29	3.54	66	8.72	78	80	30	2	0	2	0
NV	HAVRE	87	59	94	56	73	7	0.25	-0.01	0.21	5.09	105	6.49	74	79	30	2	0	2	0
	MISSOULA	88	58	94	52	73	7	0.10	-0.18	0.04	2.17	52	6.36	63	81	29	3	0	3	0
	ASHEVILLE	81	64	83	60	73	0	2.88	1.85	1.25	10.28	79	34.43	110	97	55	0	0	5	3
OH	CHARLOTTE	87	69	94	68	78	2	0.18	-0.78	0.18	8.61	77	26.84	95	96	52	2	0	1	0
	GREENSBORO	85	67	90	65	76	-1	1.23	0.30	0.69	12.41	107	31.06	110	96	56	1	0	2	2
	HATTERAS	85	73	88	70	79	1	0.96	-0.74	0.51	12.12	80	32.39	89	97	70	0	0	3	1
PA	RALEIGH	90	68	96	65	79	1	0.70	-0.37	0.56	10.94	91	29.98	103	99	50	4	0	3	1
	WILMINGTON	88	73	90	72	81	2	1.00	-0.66	0.75	18.50	96	29.98	78	97	62	2	0	5	1
	BISMARCK	86	60	95	56	73	5	0.94	0.44	0.94	6.11	75	22.95	169	92	39	4	0	1	1
RI	DICKINSON	85	59	95	56	72	5	1.75	1.39	1.13	8.36	119	13.49	110	89	41	4	0	2	2
	FARGO	79	55	82	47	67	-1	0.37	-0.31	0.35	7.52	84	17.24	110	96	54	0	0	2	0
	GRAND FORKS	83	56	88	50	69	4	0.38	-0.28	0.20	8.05	88	19.83	133	94	44	0	0	3	0
SD	JAMESTOWN	81	54	87	47	68	1	0.21	-0.30	0.21	4.90	59	13.69	98	95	46	0	0	1	0
	GRAND ISLAND	89	62	96	55	75	3	0.35	-0.29	0.35	5.35	51	10.17	49	85	39	3	0	1	0
	LINCOLN	90	63	94	56	76	2	0.11	-0.70	0.09	6.81	63	16.47	78	91	41	4	0	2	0
TN	NORFOLK	88	63	92	54	76	4	0.04	-0.61	0.04	4.53	43	10.02	49	90	41	3	0	1	0
	NORTH PLATTE	93	60	95	54	76	6	0.00	-0.41	0.00	5.22	61	10.70	66	85	25	7	0	0	0
	OMAHA	86	64	91	58	75	1	0.91	0.08	0.46	8.22	72	17.90	79	95	51	1	0	3	0
TX	SCOTTSBLUFF	92	56	95	53	74	4	0.00	-0.25	0.00	1.41	24	6.60	54	84	23	5	0	0	0
	VALENTINE	92	63	98	57	77	6	0.09	-0.29	0.09	4.57	52	9.45	59	86	32	6	0	1	0
	CONCORD	84	62	90	58	73	6	1.42	0.76	0.95	7.78	76	23.44	90	99	48	2	0	2	1
VA	ATLANTIC_CITY	89	68	93	63	79	5	0.06	-0.80	0.04	8.04	76	30.30	109	94	46	3	0	2	0
	NEWARK	89	71	93	68	80	5	0.74	0.02	0.74	4.36	36	22.49	72	85	42	4	0	1	1
	ALBUQUERQUE	83	64	88	61	74	-2	1.10	0.79	0.82	5.45	151	6.35	102	83	34	0	0	4	1
WY	ELY	88	52	92	48	70	5	0.14	-0.05	0.10	2.08	95	3.72	55	80	18	1	0	2	0
	LAS VEGAS	103	83	107	79	93	3	0.00	-0.08	0.00	0.97	115	1.13	38	45	17	7	0	0	0
	RENO	96	62	98	58	79	8	0.00	-0.05	0.00	1.70	173	2.41	50	44	9	7	0	0	0
AZ	WINNEMUCCA	97	52	100	46	74	6	0.00	-0.05	0.00	0.73	69	2.78	50	38	7	7	0	0	0
	ALBANY	84	65	88	60	74	5	0.52	-0.19	0.47	6.34	57	29.04	113	89	53	0	0	3	0
	BINGHAMTON	78	61	84	58	70	3	1.32	0.54	0.91	10.61	96	26.51	103	98	56	0	0	4	1
CA	BUFFALO	81	63	84	57	72	3	0.72	0.01	0.43	6.87	71	21.40	87	95	53	0	0	4	0
	ROCHESTER	80	62	85	57	71	3	2.60	1.89	1.09	6.65	68	19.04	86	98	54	0	0		

Weather Data for the Week Ending August 27, 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	83	64	87	62	73	3	0.50	-0.18	0.50	10.47	110	31.22	137	91	50	0	0	1	1	
	YOUNGSTOWN	81	59	85	56	70	2	0.59	-0.15	0.40	7.28	66	31.74	123	97	55	0	0	3	0	
	OKLAHOMA CITY	90	68	95	63	79	-2	0.20	-0.50	0.20	4.20	39	15.21	62	89	40	5	0	1	0	
OR	TULSA	93	69	97	65	81	0	0.00	-0.69	0.00	6.22	59	23.80	88	89	37	6	0	0	0	
	ASTORIA	70	60	74	58	65	4	0.04	-0.28	0.03	4.33	95	41.65	109	95	69	0	0	2	0	
	BURNS	92	54	96	51	73	10	0.00	-0.09	0.00	1.43	91	4.66	65	59	13	6	0	0	0	
	EUGENE	88	56	94	51	72	6	0.00	-0.19	0.00	2.70	104	18.77	72	90	33	3	0	0	0	
	MEDFORD	94	64	99	61	79	6	0.00	-0.11	0.00	2.00	149	7.16	70	70	23	6	0	0	0	
	PENDLETON	93	64	97	62	78	8	0.00	-0.10	0.00	2.46	143	11.03	135	59	17	6	0	0	0	
	PORTLAND	87	64	93	62	75	6	0.00	-0.19	0.00	3.22	110	22.87	112	79	37	3	0	0	0	
	SALEM	87	59	93	56	73	6	0.01	-0.12	0.01	2.99	123	24.26	110	86	34	3	0	1	0	
	PA	87	64	89	61	76	5	2.54	1.80	2.52	8.93	71	30.12	102	92	43	0	0	2	1	
	ERIE	78	64	83	62	71	1	2.28	1.52	2.15	8.79	85	25.96	102	91	63	0	0	4	1	
	MIDDLETOWN	87	70	92	67	79	6	0.20	-0.50	0.18	8.48	77	26.69	101	84	44	2	0	2	0	
	PHILADELPHIA	90	73	94	71	82	6	0.21	-0.56	0.12	9.22	84	24.02	87	87	43	4	0	2	0	
	PITTSBURGH	81	63	84	61	72	1	1.83	1.11	1.25	9.66	86	26.67	101	95	52	0	0	3	2	
	WILKES-BARRE	85	64	89	60	74	6	0.77	0.04	0.59	7.09	65	25.06	102	94	49	0	0	3	1	
	WILLIAMSPORT	84	64	88	58	74	4	1.46	0.62	0.71	7.05	60	23.04	87	98	47	0	0	3	2	
RI	PROVIDENCE	84	67	89	65	76	4	1.01	0.20	0.63	6.87	68	24.04	79	97	58	0	0	3	1	
	CHARLESTON	87	73	90	71	80	0	3.16	1.38	1.78	22.20	121	32.58	94	97	64	1	0	4	2	
	COLUMBIA	87	72	91	71	80	0	1.63	0.50	1.06	13.35	89	29.78	95	98	61	2	0	3	2	
SD	FLORENCE	87	72	91	70	80	0	0.54	-0.62	0.38	11.44	78	26.83	90	97	60	1	0	3	0	
	GREENVILLE	87	68	91	65	78	0	2.72	1.72	1.73	11.60	92	35.71	111	95	51	2	0	3	2	
	ABERDEEN	82	57	90	49	70	3	0.76	0.20	0.64	6.21	70	16.91	106	98	52	1	0	2	1	
	HURON	87	61	92	58	74	4	0.10	-0.38	0.07	5.24	58	13.80	81	95	45	2	0	2	0	
	RAPID CITY	86	58	97	55	72	2	2.09	1.79	1.54	8.98	156	13.85	110	88	37	3	0	3	2	
	SIOUX FALLS	83	62	89	56	73	3	0.04	-0.61	0.03	11.19	116	18.85	99	88	54	0	0	2	0	
TN	BRISTOL	87	64	91	59	75	2	0.27	-0.43	0.27	9.25	79	31.29	108	97	46	1	0	1	0	
	CHATTANOOGA	88	71	92	69	80	1	0.13	-0.59	0.11	12.98	107	39.39	112	92	52	2	0	2	0	
	KNOXVILLE	88	67	92	63	78	0	0.05	-0.59	0.05	11.95	101	37.96	114	97	48	1	0	1	0	
	MEMPHIS	91	73	98	71	82	1	1.27	0.74	1.15	10.44	96	36.74	104	91	56	4	0	3	1	
	NASHVILLE	90	70	94	67	80	2	0.03	-0.65	0.03	12.77	121	39.97	125	83	42	4	0	1	0	
	TX	ABILENE	93	71	101	67	82	0	0.20	-0.41	0.18	1.33	17	5.07	30	85	38	6	0	2	0
	AMARILLO	84	62	94	58	73	-3	0.33	-0.26	0.33	7.03	82	10.40	69	92	41	1	0	1	0	
	AUSTIN	96	75	99	73	85	0	0.18	-0.45	0.10	3.41	41	11.86	54	93	43	7	0	4	0	
	BEAUMONT	90	75	92	73	83	0	1.00	-0.26	0.39	20.47	115	29.56	76	99	67	5	0	5	0	
	BROWNSVILLE	96	78	99	77	87	2	1.04	0.37	1.00	3.15	48	15.80	110	92	51	7	0	2	1	
	CORPUS CHRISTI	94	79	99	75	86	2	2.19	1.36	0.89	9.52	113	15.65	83	94	60	5	0	5	2	
	DEL RIO	91	78	98	75	84	-2	0.00	-0.51	0.00	1.36	23	4.05	31	89	63	2	0	0	0	
	EL PASO	88	71	94	69	79	-1	0.49	0.09	0.47	4.24	98	5.57	88	74	37	2	0	2	0	
	FORT WORTH	90	74	97	72	82	-3	9.46	8.98	5.72	12.99	170	25.87	108	91	51	4	0	3	2	
	GALVESTON	90	80	93	77	85	0	2.04	0.00	0.55	12.52	0	21.50	0	82	64	4	0	6	2	
	HOUSTON	93	76	96	75	84	0	1.20	0.26	0.98	7.85	61	27.58	88	97	55	6	0	5	1	
	LUBBOCK	86	65	93	63	76	-3	0.23	-0.20	0.15	3.29	50	6.51	50	87	43	2	0	2	0	
	MIDLAND	87	70	93	67	78	-2	0.59	0.13	0.43	4.88	94	5.37	56	92	42	3	0	2	0	
	SAN ANGELO	94	72	98	67	83	1	0.02	-0.57	0.01	0.99	17	3.54	25	83	33	6	0	2	0	
	SAN ANTONIO	93	76	96	74	85	-1	1.73	1.14	1.46	2.60	30	6.92	33	90	48	7	0	3	1	
	VICTORIA	94	76	96	75	85	1	0.98	0.25	0.72	7.93	72	13.65	51	99	56	7	0	4	1	
	WACO	93	74	98	72	83	-1	1.02	0.52	0.81	3.33	48	11.22	51	94	51	6	0	3	1	
	WICHITA FALLS	90	71	98	69	80	-3	1.39	0.80	0.96	4.78	60	11.65	60	95	50	4	0	2	1	
	UT	96	70	100	65	83	8	0.00	-0.16	0.00	1.81	82	6.25	60	53	18	7	0	0	0	
VA	SALT LAKE CITY	88	66	91	63	77	3	0.37	-0.38	0.37	13.41	124	32.24	117	94	51	3	0	1	0	
	LYNCHBURG	88	72	92	69	80	3	0.35	-0.86	0.24	7.91	55	24.46	78	97	56	2	0	2	0	
	NORFOLK	88	68	93	66	78	1	0.31	-0.76	0.27	12.02	95	27.56	93	95	50	2	0	2	0	
	RICHMOND	87	66	91	63	76	2	0.71	-0.11	0.71	10.95	100	29.80	108	91	51	2	0	1	1	
	ROANOKE	88	67	92	61	77	3	0.05	-0.69	0.05	10.00	93	26.93	98	92	47	4	0	1	0	
	WASH/DULLES	81	66	90	57	74	6	1.37	0.58	1.14	10.38	91	22.96	97	86	51	1	0	3	1	
VT	BURLINGTON	82	56	89	53	69	6	0.00	-0.28	0.00	3.17	99	31.83	115	95	41	0	0	0	0	
	OLYMPIA	67	56	74	53	61	2	0.00	-0.64	0.00	6.58	87	59.77	106	99	73	0	0	0	0	
	QUILLAYUTE	80	60	89	57	70	5	0.00	-0.24	0.00	2.82	93	24.72	121	88	43	0	0	0	0	
	SEATTLE-TACOMA	87	63	93	59	75	8	0.00	-0.14	0.00	2.69	110	9.41	93	64	23	1	0	0	0	
	SPOKANE	92	63	96	57	78	10	0.00	-0.08	0.00	0.88	76	4.06	83	67	21	6	0	0	0	
	WI	YAKIMA	80	56	84	49	68	0	2.39	1.43	1.98	8.80	73	15.06	69	96	51	0	0	2	1
	EAU CLAIRE	81	58	87	54	69	3	0.31	-0.38	0.20	11.30	109	22.18	111	88	54	0	0	2	0	
	GREEN BAY	81	62	84	56	71	1	1.20	0.30	0.63	11.44	92	21.59	92	96	53	0	0	2	2	
	LA CROSSE	80	58	83	52	69	1	2.46	1.55	1.85	14.04	112	25.45	104	95	52	0	0	3	1	
	MADISON	80	65	86	58	73	2	1.37	0.57	1.37	10.45	94	22.70	96	85	53	0	0	1	1	
	MILWAUKEE	79	60	82	57	70	1	0.8													

National Agricultural Summary

August 22 – 28, 2022

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Much of the Great Basin, middle Mississippi Valley, central Plains, and Pacific Northwest were drier than normal. In contrast, much of the South, as well as parts of the Midwest, Northeast, northern and southern Plains, Rockies, and Southwest recorded at least twice the normal amount of weekly precipitation. Portions of Louisiana and Mississippi recorded at least 8 inches of rain during the week. Meanwhile, most of the northern

half of the nation recorded above-normal weekly temperatures. Parts of Idaho, Montana, Oregon, and Washington recorded temperatures 8°F or more above normal. In contrast, much of the southern half of the nation recorded below-normal temperatures. Some locations in southern Colorado, Mississippi, New Mexico, and Texas noted temperatures 4°F or more below normal.

Corn: By August 28, eighty-six percent of the corn acreage was at or beyond the dough stage, 4 percentage points behind last year and 2 points behind the 5-year average. By August 28, forty-six percent of this year's corn acreage was denting, 10 percentage points behind last year and 6 points behind average. Iowa, Nebraska, South Dakota, and Tennessee had denting advances of 20 percentage points or more from the previous week. Eight percent of the nation's corn acreage was mature by August 28, equal to last year but 1 percentage point behind the average. On August 28, fifty-four percent of the nation's corn acreage was rated in good to excellent condition, 1 percentage point below the previous week and 6 points below the same time last year. In Iowa, 66 percent of the corn crop was rated in good to excellent condition.

Soybeans: Nationally, 91 percent of the nation's soybean acreage had begun setting pods, 1 percentage point behind both last year and the 5-year average. Nationally, leaf drop was 4 percent complete by August 28, four percentage points behind last year and 3 points behind average. On August 28, fifty-seven percent of the nation's soybean acreage was rated in good to excellent condition, unchanged from the previous week but 1 percentage point above the previous year.

Cotton: By August 28, ninety-four percent of the nation's cotton acreage had begun setting bolls, 9 percentage points ahead of last year and 3 points ahead of the 5-year average. By August 28, twenty-eight percent of the nation's cotton had open bolls, 8 percentage points ahead of last year and 4 points ahead of average. On August 28, thirty-four percent of the 2022 cotton acreage was rated in good to excellent condition, 3 percentage points above the previous week but 36 points below the same time last year.

Sorghum: By August 28, eighty-eight percent of the nation's sorghum acreage had reached the headed stage, 6 percentage points behind last year and 5 points behind the 5-year average. Forty-eight percent of the nation's sorghum acreage was at or beyond the coloring stage by August 28, nine percentage points behind last year and 5 points behind average. By August 28, twenty-three percent of the nation's sorghum acreage was mature, equal to last year but 2 percentage points behind average.

Seventy-five percent of the Texas sorghum acreage was mature by August 28, one percentage point ahead of last year and 2 points ahead of average. Eighteen percent of the 2022 sorghum acreage had been harvested by August 28, equal to last year but 2 percentage points behind average. Twenty-one percent of the nation's sorghum acreage was rated in good to excellent condition on August 28, four percentage points below the previous week and 37 points below the same time last year.

Rice: By August 28, ninety-six percent of the nation's rice acreage had reached the headed stage, equal to the previous year but 2 percentage points behind the 5-year average. Nationally, 18 percent of the rice acreage was harvested by August 28, equal to the previous year but 3 percentage points behind average. On August 28, seventy percent of the nation's rice acreage was rated in good to excellent condition, 2 percentage points below the previous week and 7 points below the same time last year.

Small Grains: Eighty percent of the nation's oat acreage had been harvested by August 28, eleven percentage points behind last year and 7 points behind the 5-year average. Oat harvest advanced 14 percentage points or more during the week in Minnesota, North Dakota, Pennsylvania, and Wisconsin.

By August 28, barley producers had harvested 62 percent of the nation's crop, 21 percentage points behind last year and 14 points behind the 5-year average. On August 28, fifty-six percent of the nation's barley acreage was rated in good to excellent condition, 2 percentage points above the previous week and 33 points above the same time last year.

By August 28, fifty percent of the nation's spring wheat had been harvested, 36 percentage points behind the previous year and 21 points behind the 5-year average. On August 28, sixty-eight percent of the nation's spring wheat was rated in good to excellent condition, 4 percentage points above the previous week and 57 points above the same time last year.

Other Crops: On August 28, sixty-nine percent of the nation's peanut acreage was rated in good to excellent condition, unchanged from the previous week but 7 percentage points below the same time last year.

Crop Progress and Condition

Week Ending August 28, 2022

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

Corn Percent Dough				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
CO	85	50	63	75
IL	88	80	85	91
IN	92	77	88	86
IA	94	84	92	90
KS	90	74	85	91
KY	77	71	81	84
MI	86	71	85	74
MN	94	62	83	89
MO	96	91	95	95
NE	92	78	89	93
NC	99	91	96	98
ND	87	61	77	77
OH	86	77	85	81
PA	66	62	68	66
SD	88	71	84	84
TN	98	92	97	97
TX	94	86	94	95
WI	82	59	75	74
18 Sts	90	75	86	88
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Dented				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
CO	26	20	30	25
IL	63	37	46	61
IN	54	20	37	48
IA	63	30	52	54
KS	61	47	61	64
KY	61	54	69	68
MI	34	24	35	29
MN	47	12	23	41
MO	70	55	73	74
NE	61	39	59	58
NC	93	78	86	91
ND	42	6	18	28
OH	52	23	35	39
PA	18	11	22	28
SD	40	16	36	37
TN	79	60	80	81
TX	84	76	84	85
WI	43	11	24	31
18 Sts	56	31	46	52
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Mature				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
CO	3	0	0	2
IL	3	0	3	7
IN	7	1	2	7
IA	6	1	3	5
KS	11	12	24	16
KY	29	13	22	37
MI	1	0	4	1
MN	5	0	0	2
MO	10	3	15	13
NE	7	3	8	5
NC	71	46	62	72
ND	5	0	0	2
OH	3	0	2	2
PA	1	0	1	1
SD	8	0	0	4
TN	22	9	28	29
TX	60	67	72	60
WI	2	0	0	2
18 Sts	8	4	8	9
These 18 States planted 92% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	19	21	34	22	4
IL	3	4	24	49	20
IN	3	9	34	47	7
IA	2	7	25	52	14
KS	24	26	28	19	3
KY	12	19	38	27	4
MI	1	4	31	53	11
MN	2	5	28	49	16
MO	9	16	23	46	6
NE	17	17	27	29	10
NC	16	21	28	28	7
ND	1	5	28	50	16
OH	5	10	27	48	10
PA	0	18	20	50	12
SD	9	14	26	43	8
TN	20	22	29	27	2
TX	29	23	31	14	3
WI	1	4	19	54	22
18 Sts	8	11	27	42	12
Prev Wk	7	11	27	43	12
Prev Yr	4	10	26	46	14

Rice Percent Headed				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
AR	95	89	94	97
CA	94	95	97	93
LA	100	99	100	100
MS	99	99	100	99
MO	98	90	98	94
TX	97	100	100	99
6 Sts	96	93	96	98
These 6 States planted 100% of last year's rice acreage.				

Rice Percent Harvested				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
AR	5	2	4	7
CA	0	0	0	0
LA	72	60	67	76
MS	5	0	2	14
MO	4	0	0	1
TX	66	66	77	72
6 Sts	18	15	18	21
These 6 States harvested 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	1	4	28	48	19
CA	0	0	20	60	20
LA	0	3	10	80	7
MS	0	6	42	42	10
MO	3	7	37	39	14
TX	0	1	48	29	22
6 Sts	1	3	26	53	17
Prev Wk	0	3	25	55	17
Prev Yr	1	2	20	62	15

Crop Progress and Condition

Week Ending August 28, 2022

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

Soybeans Percent Setting Pods				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
AR	95	93	96	96
IL	93	80	86	93
IN	93	81	90	89
IA	97	88	95	94
KS	80	67	78	84
KY	83	74	84	81
LA	99	100	100	100
MI	99	94	98	90
MN	98	88	95	97
MS	96	95	97	96
MO	80	73	77	82
NE	96	93	98	95
NC	85	85	93	80
ND	95	86	95	95
OH	89	88	92	90
SD	97	86	92	92
TN	89	80	92	90
WI	94	84	91	90
18 Sts	92	84	91	92
These 18 States planted 96% of last year's soybean acreage.				

Soybeans Percent Dropping Leaves				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
AR	14	5	13	15
IL	4	NA	0	2
IN	8	0	2	6
IA	2	NA	0	1
KS	5	NA	3	5
KY	5	NA	4	4
LA	29	38	55	45
MI	3	0	5	3
MN	8	NA	0	3
MS	24	19	23	26
MO	3	NA	0	1
NE	11	3	10	8
NC	6	NA	4	4
ND	22	NA	4	17
OH	3	0	2	4
SD	22	1	6	13
TN	9	1	8	7
WI	1	0	0	1
18 Sts	8	NA	4	7
These 18 States planted 96% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	5	9	27	45	14
IL	3	4	27	48	18
IN	3	9	34	47	7
IA	2	8	27	50	13
KS	17	24	32	24	3
KY	3	11	41	38	7
LA	6	7	32	53	2
MI	1	5	34	47	13
MN	1	5	28	53	13
MS	0	10	28	54	8
MO	5	13	28	46	8
NE	12	16	29	34	9
NC	2	7	28	55	8
ND	0	5	38	45	12
OH	5	10	26	49	10
SD	3	12	30	48	7
TN	6	14	33	37	10
WI	1	4	21	52	22
18 Sts	4	9	30	46	11
Prev Wk	4	9	30	47	10
Prev Yr	5	10	29	45	11

Cotton Percent Setting Bolls				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
AL	96	97	98	97
AZ	100	95	97	99
AR	100	99	100	100
CA	100	80	90	87
GA	94	92	95	96
KS	88	96	99	79
LA	100	98	100	100
MS	92	91	94	94
MO	97	90	94	94
NC	92	89	95	93
OK	76	80	90	84
SC	97	91	95	93
TN	96	95	97	98
TX	80	85	92	88
VA	90	99	100	93
15 Sts	85	88	94	91
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
AL	9	14	19	22
AZ	74	34	55	66
AR	22	10	22	30
CA	9	0	5	6
GA	20	12	21	23
KS	18	17	21	11
LA	47	43	53	52
MS	41	9	25	30
MO	2	2	10	17
NC	7	9	14	13
OK	9	0	5	11
SC	11	6	17	16
TN	5	7	13	13
TX	21	25	35	25
VA	8	18	34	13
15 Sts	20	19	28	24
These 15 States planted 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	2	30	63	5
AZ	1	1	10	48	40
AR	8	9	17	40	26
CA	0	0	5	90	5
GA	1	5	28	54	12
KS	10	27	37	23	3
LA	6	17	21	53	3
MS	1	5	38	52	4
MO	9	9	30	52	0
NC	1	11	25	54	9
OK	30	25	40	5	0
SC	1	3	17	65	14
TN	8	12	32	41	7
TX	26	27	32	14	1
VA	0	1	15	79	5
15 Sts	17	19	30	29	5
Prev Wk	18	22	29	26	5
Prev Yr	1	5	24	55	15

Crop Progress and Condition

Week Ending August 28, 2022

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

Sorghum Percent Headed				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
CO	98	90	98	92
KS	92	68	80	91
NE	99	75	85	98
OK	89	70	85	88
SD	95	85	98	94
TX	97	97	99	96
6 Sts	94	79	88	93
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Coloring				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
CO	45	21	40	32
KS	45	16	25	38
NE	57	17	33	49
OK	43	40	55	44
SD	48	14	35	40
TX	84	81	90	83
6 Sts	57	37	48	53
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Mature				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
CO	0	0	0	1
KS	1	0	0	2
NE	2	0	1	2
OK	5	1	6	12
SD	1	0	10	2
TX	74	67	75	73
6 Sts	23	20	23	25
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Harvested				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
CO	0	NA	0	0
KS	0	NA	0	0
NE	0	NA	0	0
OK	0	NA	0	0
SD	0	NA	0	0
TX	62	52	62	64
6 Sts	18	NA	18	20
These 6 States harvested 100% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
CO	2	12	41	36	9
KS	19	29	33	18	1
NE	35	25	20	15	5
OK	16	35	38	11	0
SD	4	18	46	32	0
TX	13	29	41	16	1
6 Sts	16	28	35	19	2
Prev Wk	14	26	35	23	2
Prev Yr	3	9	30	49	9

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	0	11	78	11
FL	0	0	13	79	8
GA	1	5	26	56	12
NC	1	3	24	61	11
OK	0	0	24	76	0
SC	0	1	13	70	16
TX	0	12	60	27	1
VA	0	0	10	85	5
8 Sts	1	4	26	59	10
Prev Wk	1	4	26	59	10
Prev Yr	1	2	21	64	12

Spring Wheat Percent Harvested				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
ID	84	27	50	69
MN	99	30	44	78
MT	83	52	75	68
ND	82	18	34	66
SD	98	84	92	90
WA	94	40	61	72
6 Sts	86	33	50	71
These 6 States harvested 100% of last year's spring wheat acreage.				

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	0	5	25	60	10
MN	0	0	15	79	6
MT	3	15	41	39	2
ND	0	1	23	60	16
SD	6	17	30	45	2
WA	0	0	6	85	9
6 Sts	1	5	26	58	10
Prev Wk	1	7	28	56	8
Prev Yr	28	35	26	10	1

Oats Percent Harvested				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
IA	99	91	93	99
MN	97	62	76	87
NE	100	97	100	99
ND	76	32	49	72
OH	100	96	99	100
PA	89	65	80	84
SD	98	88	92	95
TX	100	100	100	100
WI	84	66	82	80
9 Sts	91	70	80	87
These 9 States harvested 69% of last year's oat acreage.				

Barley Percent Harvested				
	Prev Year	Prev Week	Aug 28 2022	5-Yr Avg
ID	86	38	56	78
MN	98	28	50	93
MT	77	59	75	71
ND	86	30	48	77
WA	94	43	59	71
5 Sts	83	44	62	76
These 5 States harvested 85% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	0	3	16	62	19
MN	0	1	24	67	8
MT	9	22	38	30	1
ND	0	1	29	58	12
WA	0	0	4	87	9
5 Sts	4	11	29	47	9
Prev Wk	3	12	31	46	8
Prev Yr	25	26	26	19	4

Crop Progress and Condition

Week Ending August 28, 2022

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

Pasture and Range Condition by Percent Week Ending Aug 28, 2022												
	VP	P	F	G	EX			VP	P	F	G	EX
AL	0	3	31	64	2		NH	0	0	35	59	6
AZ	1	11	45	28	15		NJ	7	58	32	3	0
AR	16	24	36	21	3		NM	4	26	32	26	12
CA	15	35	35	15	0		NY	36	23	20	20	1
CO	16	21	25	23	15		NC	1	7	36	54	2
CT	30	70	0	0	0		ND	1	6	31	56	6
DE	3	27	41	27	2		OH	0	6	31	56	7
FL	1	1	20	46	32		OK	31	35	27	7	0
GA	3	9	35	46	7		OR	15	25	35	24	1
ID	3	18	36	29	14		PA	24	23	27	25	1
IL	5	14	41	36	4		RI	100	0	0	0	0
IN	5	13	36	43	3		SC	2	9	39	45	5
IA	15	27	27	25	6		SD	23	32	27	17	1
KS	36	29	24	11	0		TN	1	11	34	48	6
KY	3	10	36	43	8		TX	39	30	22	8	1
LA	1	10	40	43	6		UT	5	17	37	41	0
ME	0	0	0	100	0		VT	1	21	30	47	1
MD	15	20	27	36	2		VA	2	10	36	44	8
MA	60	40	0	0	0		WA	3	9	35	50	3
MI	3	22	35	35	5		WV	0	4	18	74	4
MN	3	8	25	51	13		WI	1	7	20	57	15
MS	2	12	38	44	4		WY	16	20	35	28	1
MO	14	22	32	30	2		48 Sts	22	24	29	21	4
MT	21	25	30	24	0							
NE	52	26	15	6	1		Prev Wk	25	24	28	20	3
NV	15	25	50	10	0		Prev Yr	21	23	28	23	5

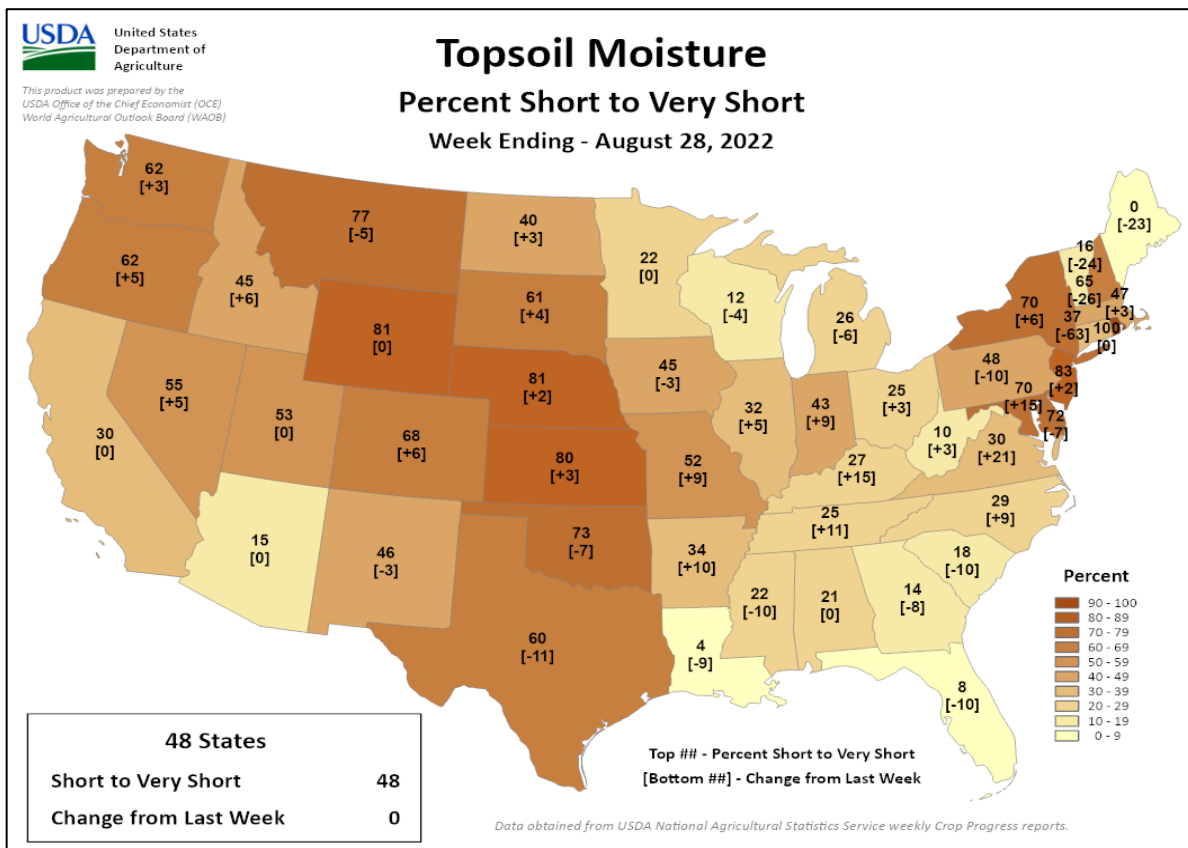
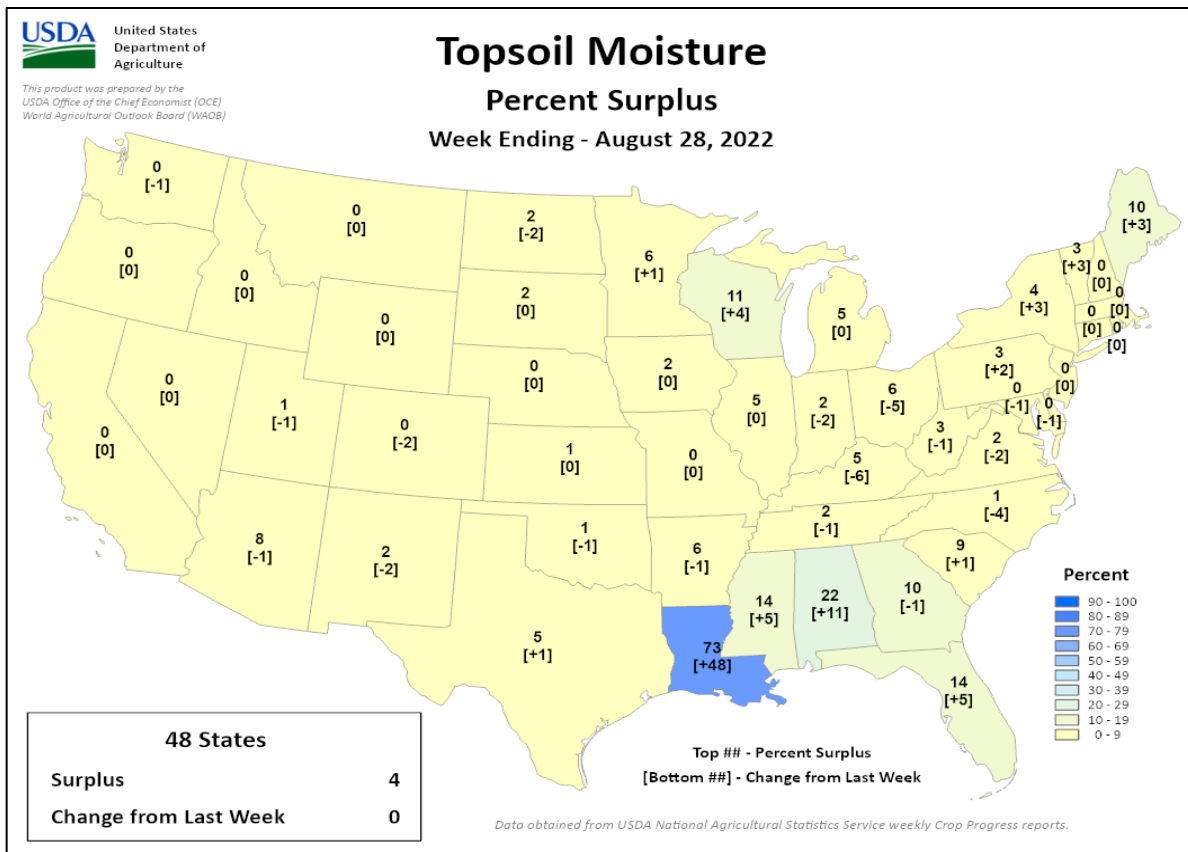
VP - Very Poor; P - Poor;
F - Fair;
G - Good; EX - Excellent

NA - Not Available
* Revised

Crop Progress and Condition

Week Ending August 28, 2022

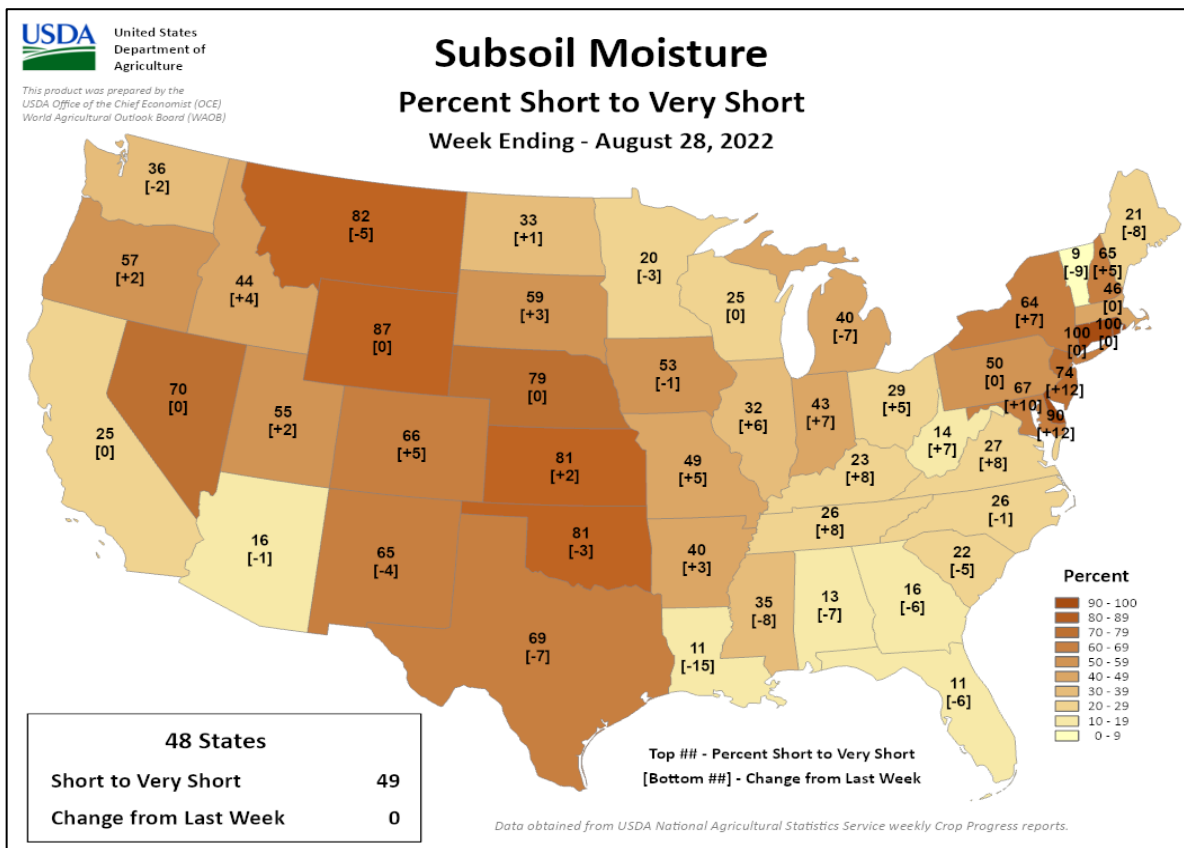
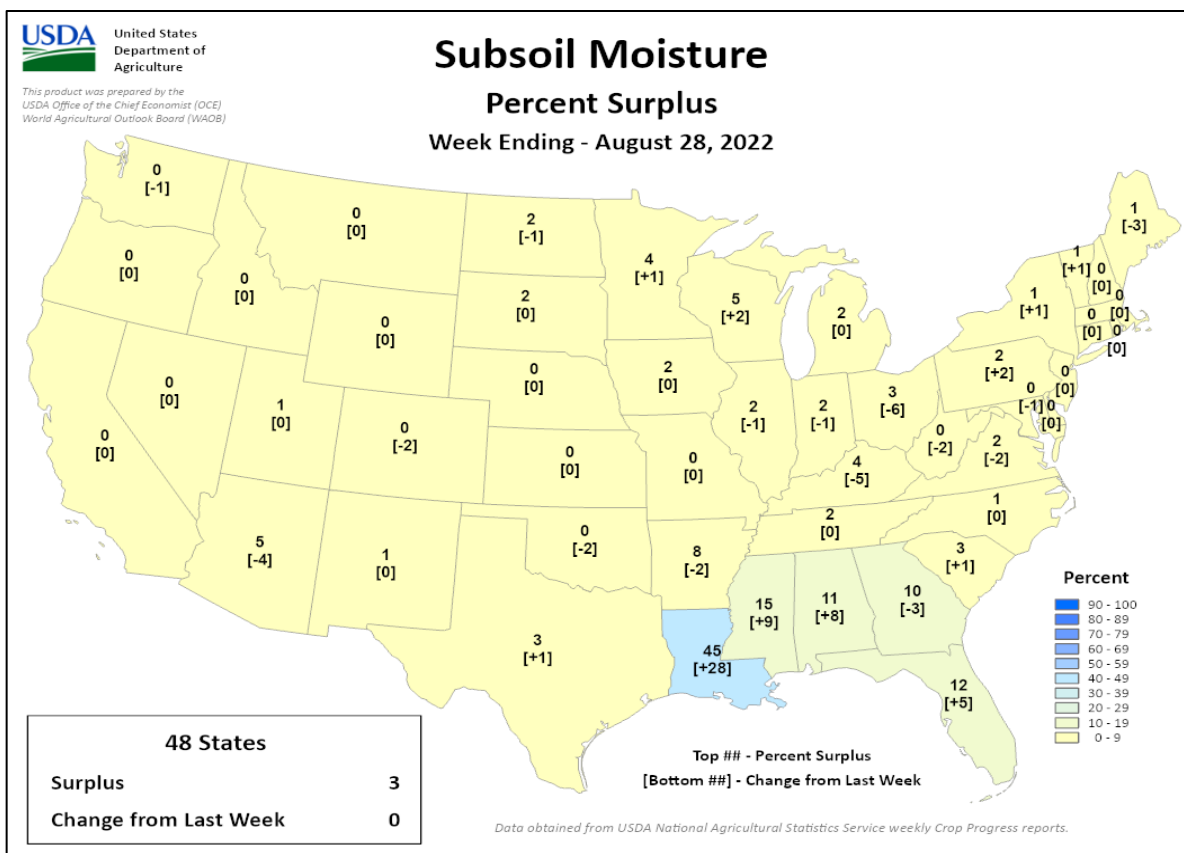
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending August 28, 2022

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



International Weather and Crop Summary

August 21-27, 2022

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

HIGHLIGHTS

EUROPE: Much-needed rain over central and eastern Europe contrasted with ongoing drought and late-season heat in western growing areas.

WESTERN FSU: Hot, mostly dry weather accelerated summer crop drydown and early harvesting.

EASTERN FSU: Mostly sunny skies favored spring grain drydown and harvesting in the north and cotton maturation in the south.

MIDDLE EAST: Seasonably dry weather over central and southern Turkey juxtaposed with unusually heavy rain in northwestern growing areas.

SOUTH ASIA: Soaking rain, albeit short-lived, added to excessively wet conditions in western India and southern Pakistan.

EAST ASIA: Drought continued to intensify in southern China, reducing yield prospects for later-planted summer crops.

SOUTHEAST ASIA: A tropical cyclone brought heavy showers and localized flooding to the northern Philippines and northern Vietnam but helped recharge irrigation supplies.

AUSTRALIA: Sunny skies and abundant soil moisture favored winter crop development in the west and northeast.

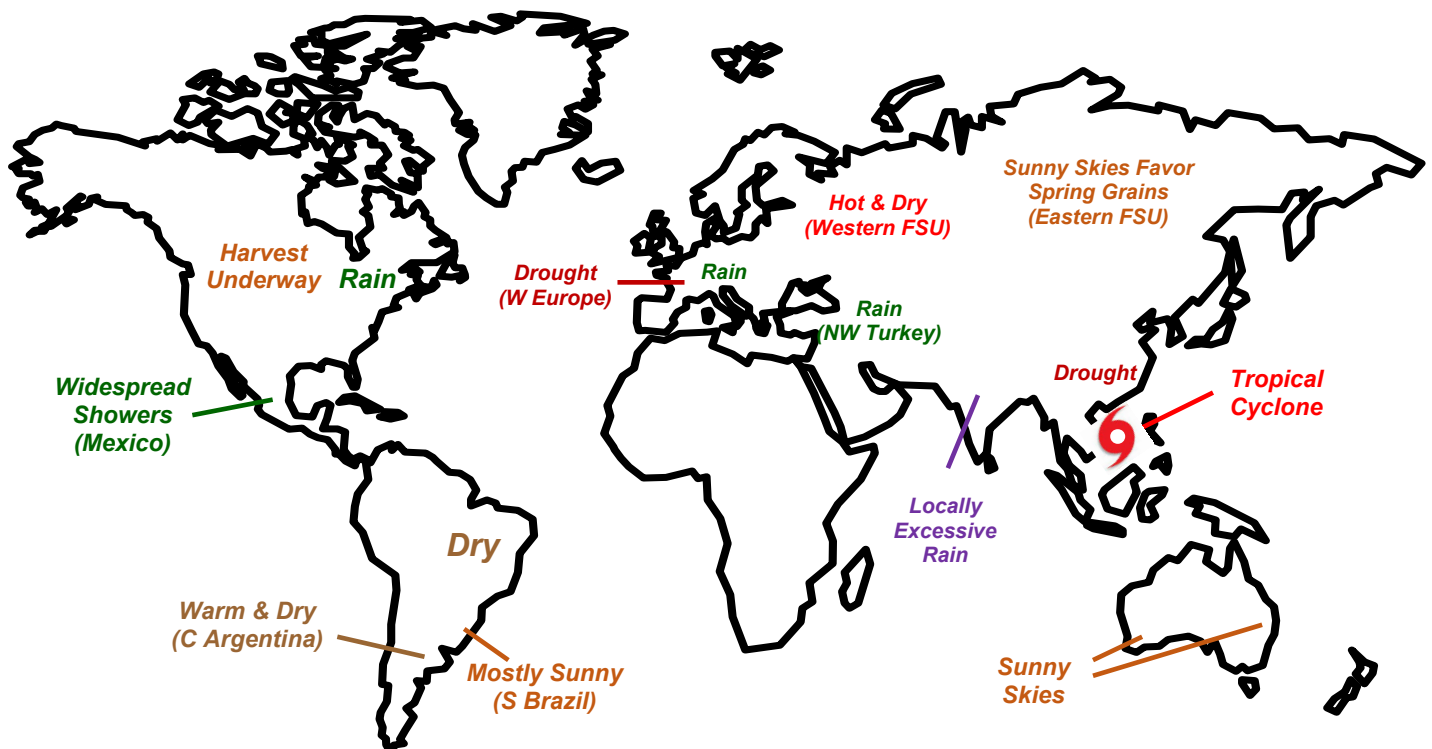
ARGENTINA: Warm weather promoted rapid spring crop development.

BRAZIL: Sunny skies promoted wheat growth, following recent weeks of beneficial rain.

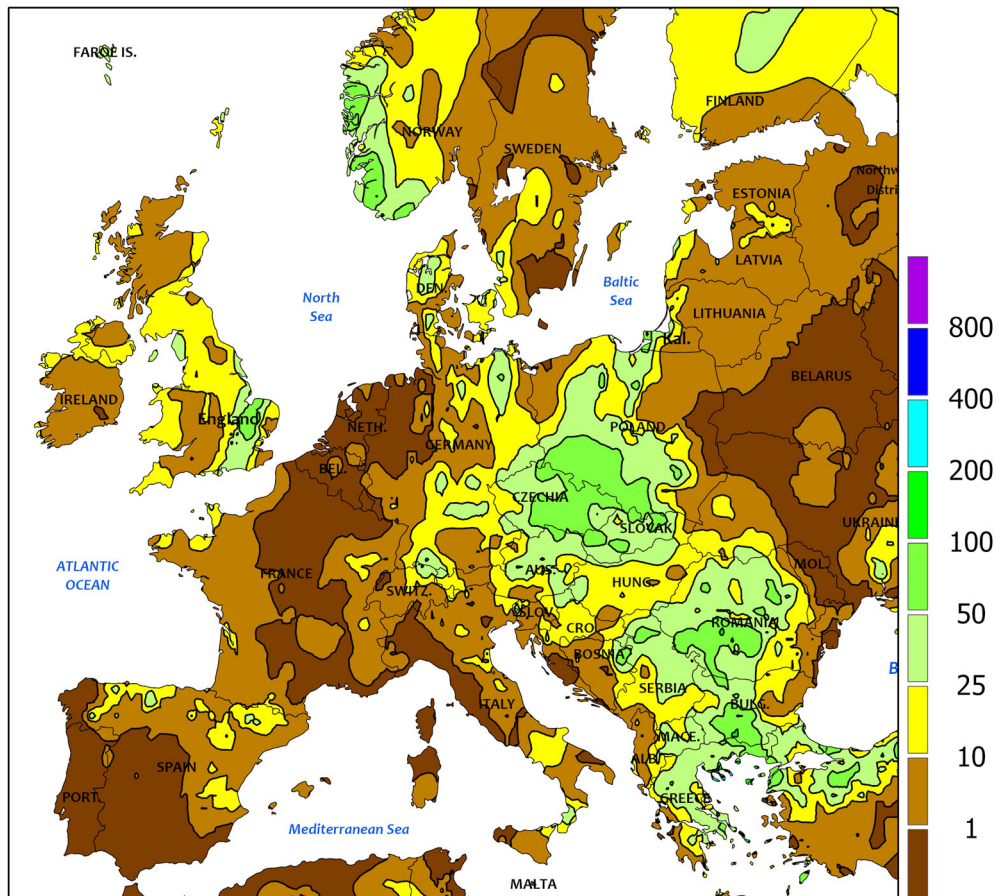
MEXICO: Beneficial showers occurred throughout much of Mexico.

CANADIAN PRAIRIES: Conditions favored the early stages of spring grain and oilseed harvesting.

SOUTHEASTERN CANADA: Rain benefited immature summer crops across much of Ontario.



EUROPE
Total Precipitation(mm)
August 21 - 27, 2022



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



EUROPE

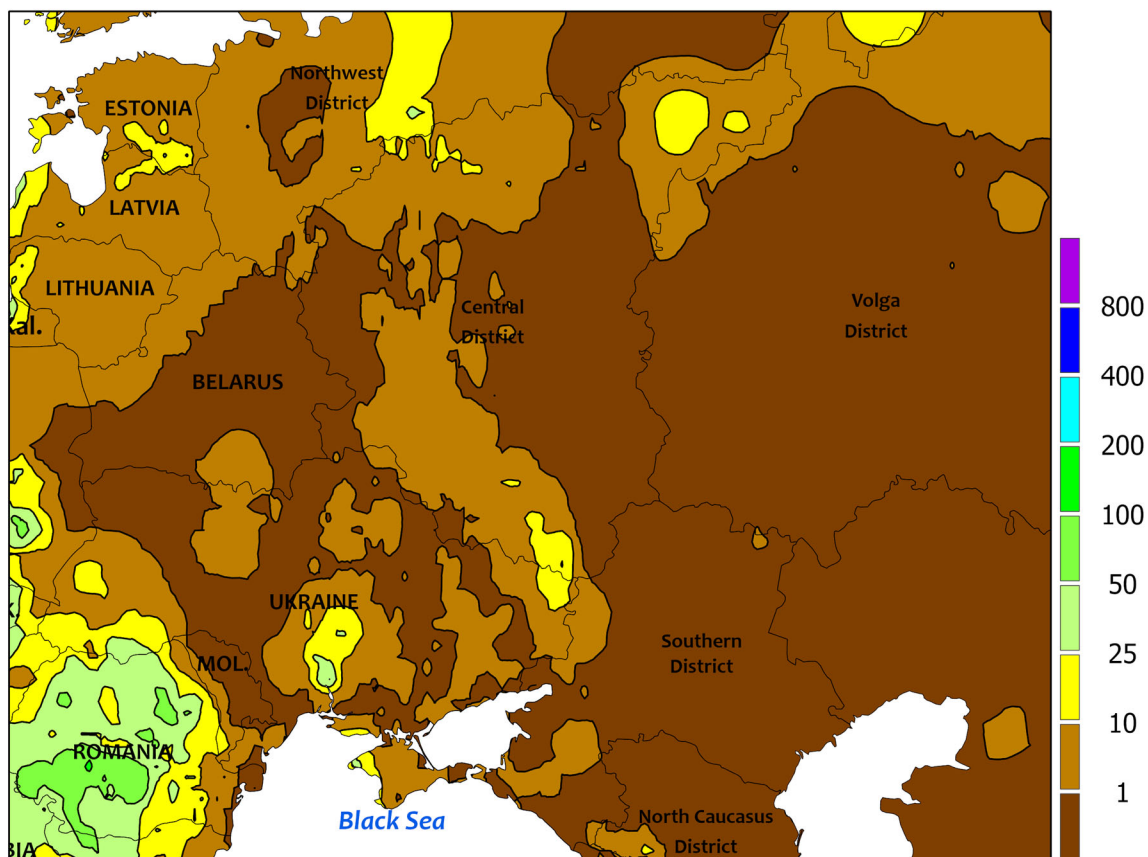
Wet weather over central and eastern Europe contrasted with additional extreme heat and unrelenting drought in western growing areas. A slow-moving storm produced moderate to heavy rainfall (10-75 mm) over the eastern third of the continent, with totals topping 100 mm in southwestern Poland and west-central Romania. The rainfall was too late to benefit the region's maturing drought-afflicted summer crops, though prospects for winter crop establishment have improved significantly. In Greece, however, unseasonably heavy rain (locally more than 50

mm) was untimely for open-boll cotton. Farther north and west, highly variable showers and thunderstorms (2-50 mm) improved prospects for winter crops in England, Scandinavia, eastern France, as well as eastern and southern Germany. Conversely, mostly dry and hot weather over Spain (35-40°C), France (30-37°C, hottest in the southwest), and northwestern Germany (30-34°C) accelerated the drydown and harvesting of heat- and drought-afflicted summer crops and left soils short of moisture for winter crop planting.

WESTERN FSU

Total Precipitation(mm)

August 21 - 27, 2022



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



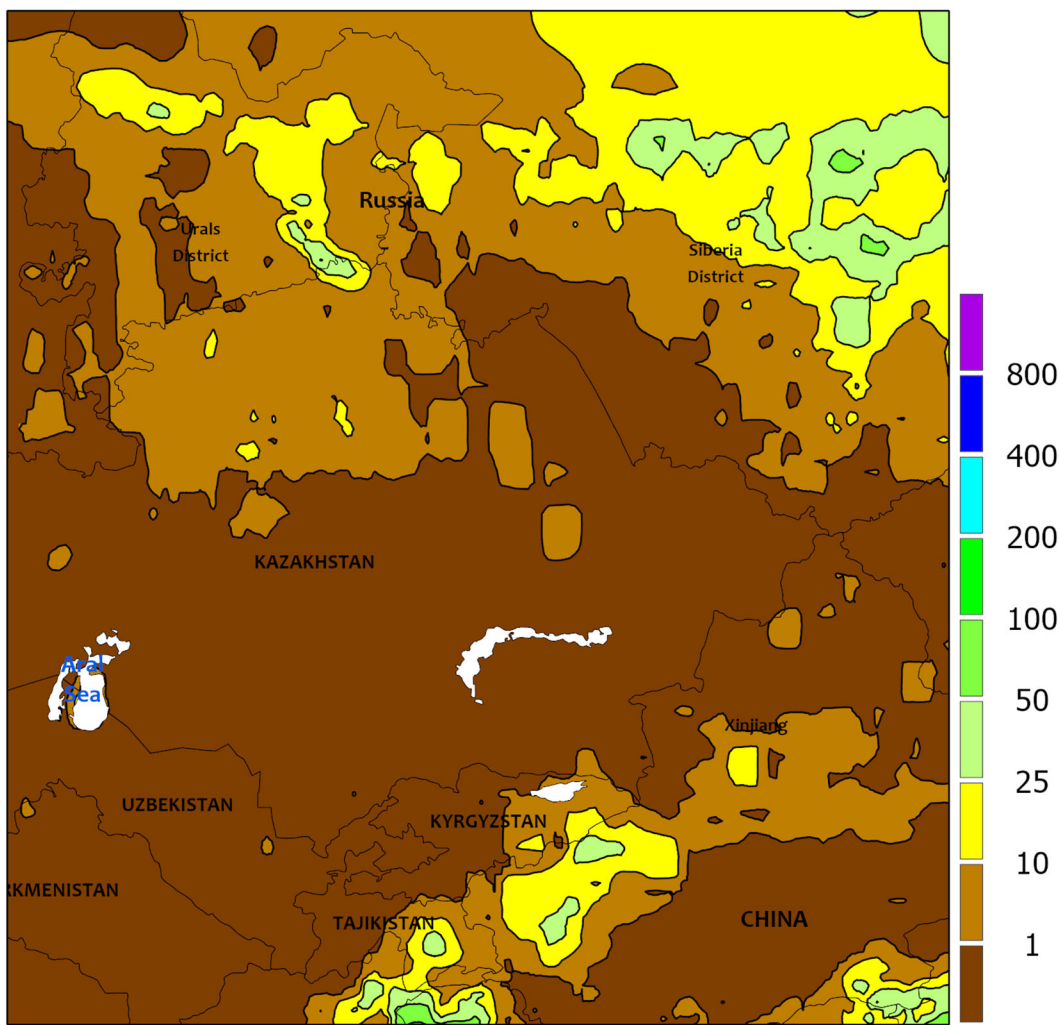
WESTERN FSU

Mostly dry, hot weather prevailed across much of the region. Showers were limited to western Russia (1-8 mm) as well as western and south-central Ukraine (3-25 mm). Otherwise, sunny skies and temperatures up to 6°C above normal (highs reaching the lower to middle 30s degrees C) accelerated summer crops toward or into maturity and facilitated early harvesting efforts. Ukraine's summer crops were able to withstand the late-summer heat due to periods of moderate to heavy rainfall during

the first three weeks of August, while corn and sunflowers in Russia benefitted from heavy showers in late July. However, a dry August in western Russia has reduced soil moisture for winter wheat planting and establishment.

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)
August 21 - 27, 2022



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



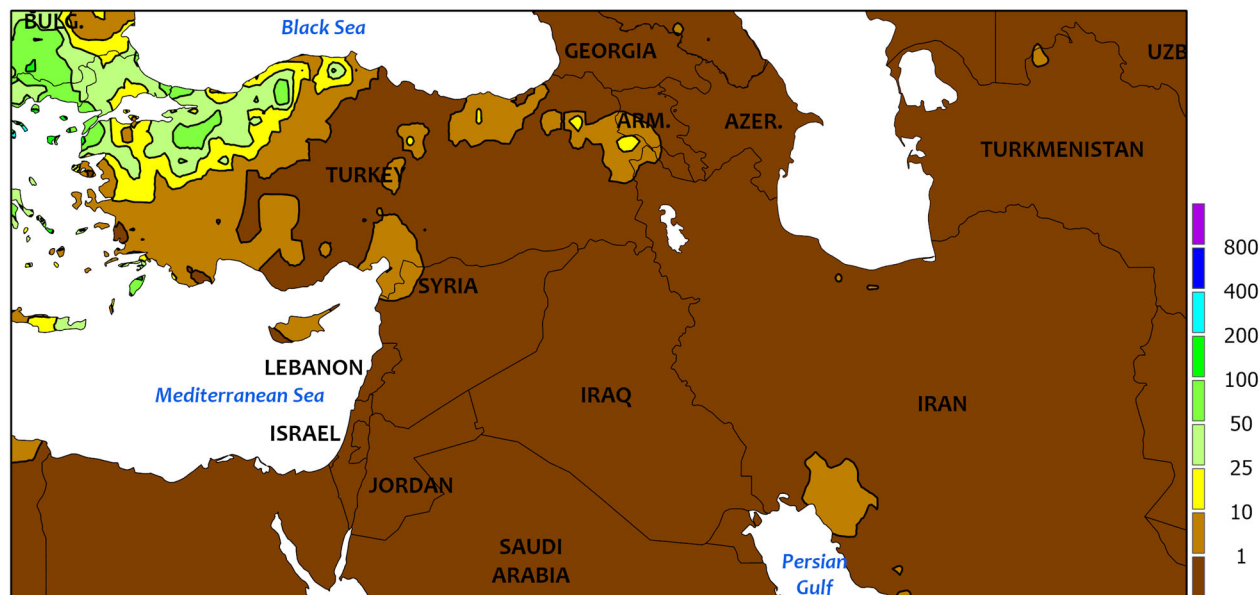
EASTERN FSU

Generally dry weather prevailed, promoting spring grain drydown and harvesting in the north and cotton maturation in the south. Scattered light to moderate showers and thunderstorms (1-10 mm) were noted over northern Kazakhstan and central Russia, though spring wheat and barley drydown and harvesting proceeded with only minimal delay. However, heavier showers in eastern wheat areas (locally more than 20 mm) likely caused some

fieldwork interruptions. Farther south in Turkmenistan, Uzbekistan, and Kyrgyzstan, sunny skies and near- to below-normal temperatures were beneficial for open boll to maturing cotton.

This will be the last weekly summary for Eastern FSU. Coverage will resume in May 2023 to coincide with spring grain planting.

MIDDLE EAST
Total Precipitation(mm)
August 21 - 27, 2022



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

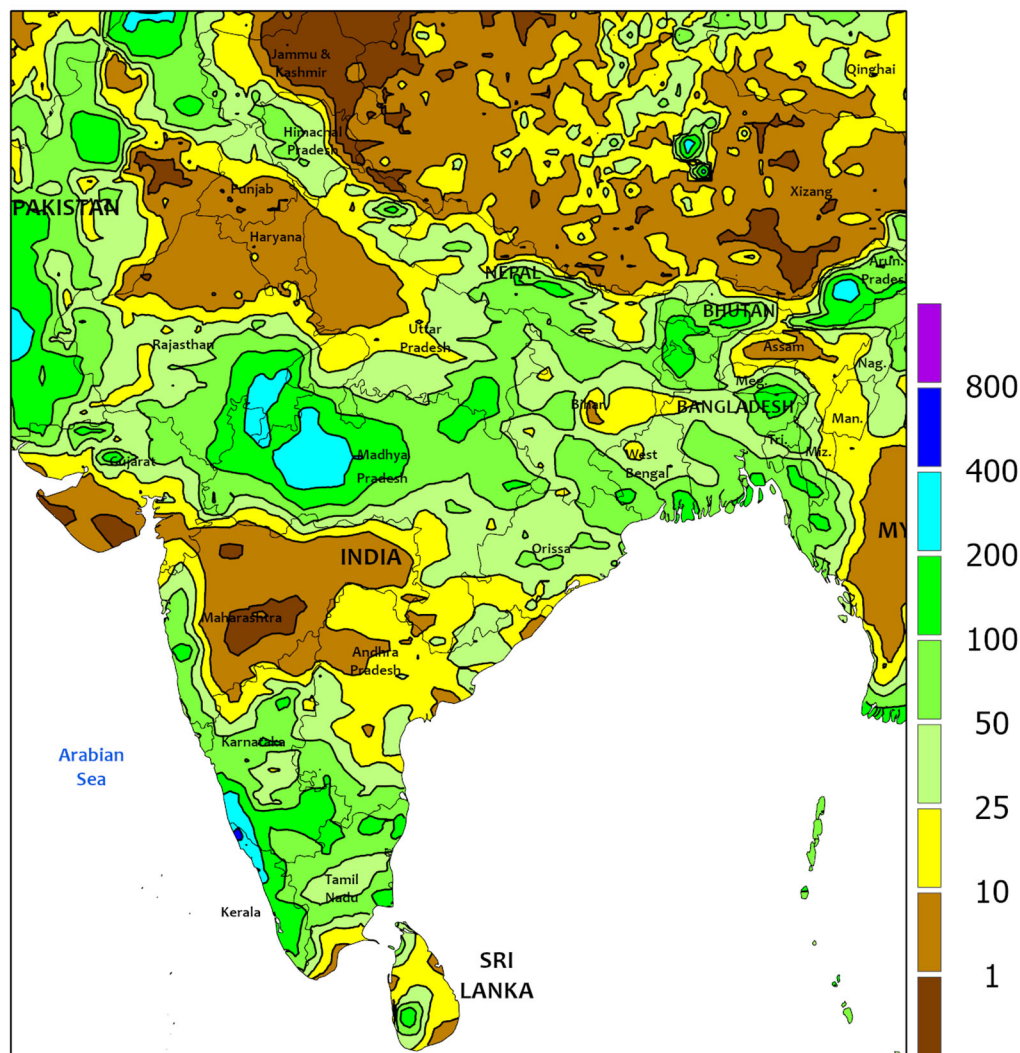


MIDDLE EAST

Dry weather over central and southern Turkey contrasted with unusually heavy rain in northwestern summer crops areas. In northwestern Turkey, moderate to heavy showers and thunderstorms (10-90 mm) slowed or halted sunflower drydown and harvesting. Elsewhere

in Turkey, mostly dry conditions promoted maturation, drydown, and harvesting of cotton and corn. Across the rest of the region, agricultural activity remained in a lull before the onset of winter grain sowing in October and November.

SOUTH ASIA
Total Precipitation(mm)
August 21 - 27, 2022



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



SOUTH ASIA

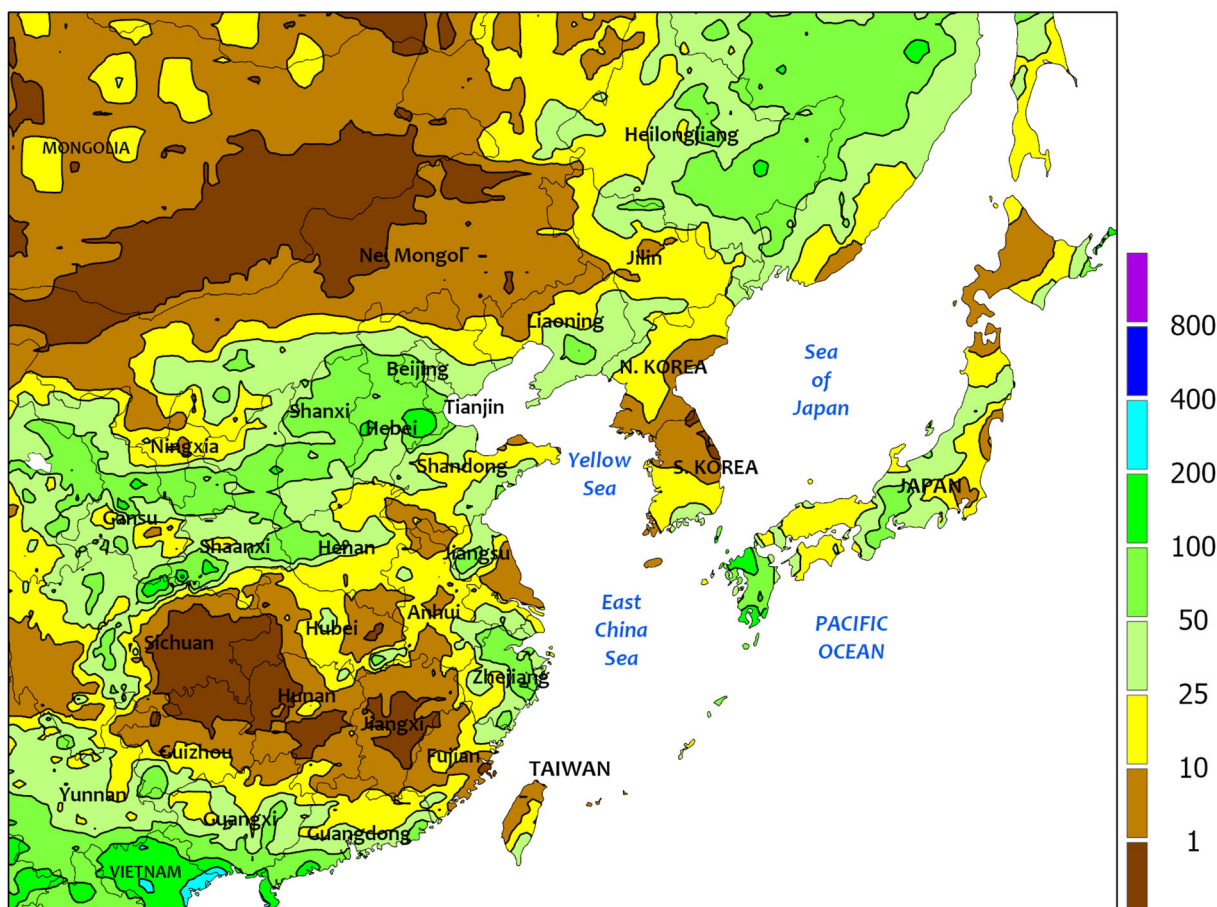
Monsoon showers streamed across India in a narrow band extending from eastern rice areas through western cotton and oilseed sections. The eastern rainfall (25-100 mm) helped ease moisture deficits incurred from inconsistent showers over the course of the season but not before discouraging rice sowing with planted area down year over year. To the west, downpours (100-300 mm or more) soaked vegetative to reproductive oilseeds, however the

rain was short lived and drier conditions followed. The brief deluge extended into southern Pakistan as well, adding to already record seasonal totals (six times the normal amount) and further reducing yield prospects for cotton. Meanwhile, beneficially drier weather prevailed for vegetative to reproductive cotton in interior India (eastern Maharashtra and environs) following near-record seasonal rainfall thus far.

EASTERN ASIA

Total Precipitation(mm)

August 21 - 27, 2022



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

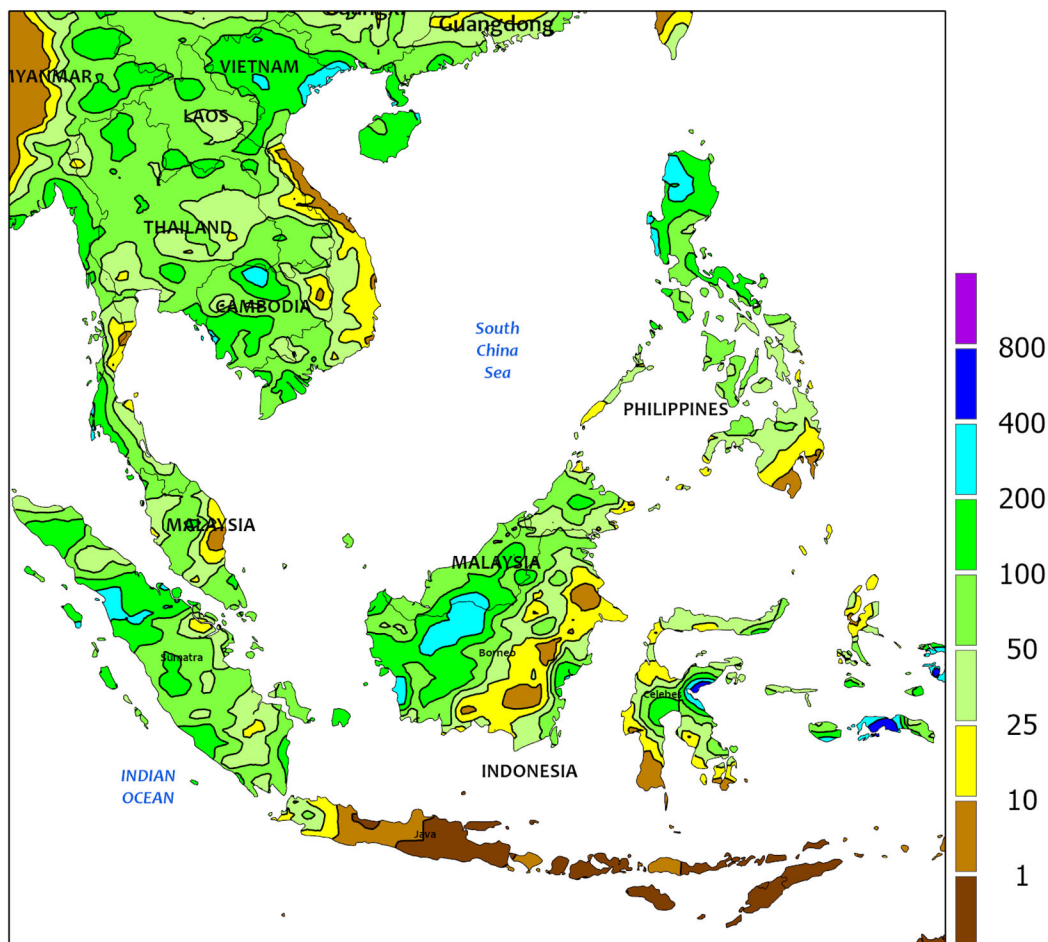


EASTERN ASIA

Unseasonably hot weather continued to plague southern China, with temperatures in excess of 40°C in some areas (over 8°C above normal) sustaining record August heat. Additionally, rainfall was localized, providing little relief. The heat and dryness intensified the late-summer drought across this section of China and further reduced yield prospects of rice and other later-planted crops. In stark contrast to the poor conditions in the south, much of northern and northeastern China recorded more showers

(10-50 mm or more), benefiting filling grains and oilseeds. Meanwhile in western China, unfavorably cool, wet weather occurred for maturing cotton in southern Xinjiang, with more favorable conditions farther north. Overall, cotton crop conditions remained good and markedly better than last year. Elsewhere, rainfall was scattered across the Korean Peninsula and Japan, as moisture was becoming short for rice and other summer crops in the latter stages of development in some locales.

SOUTHEAST ASIA
Total Precipitation(mm)
August 21 - 27, 2022



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

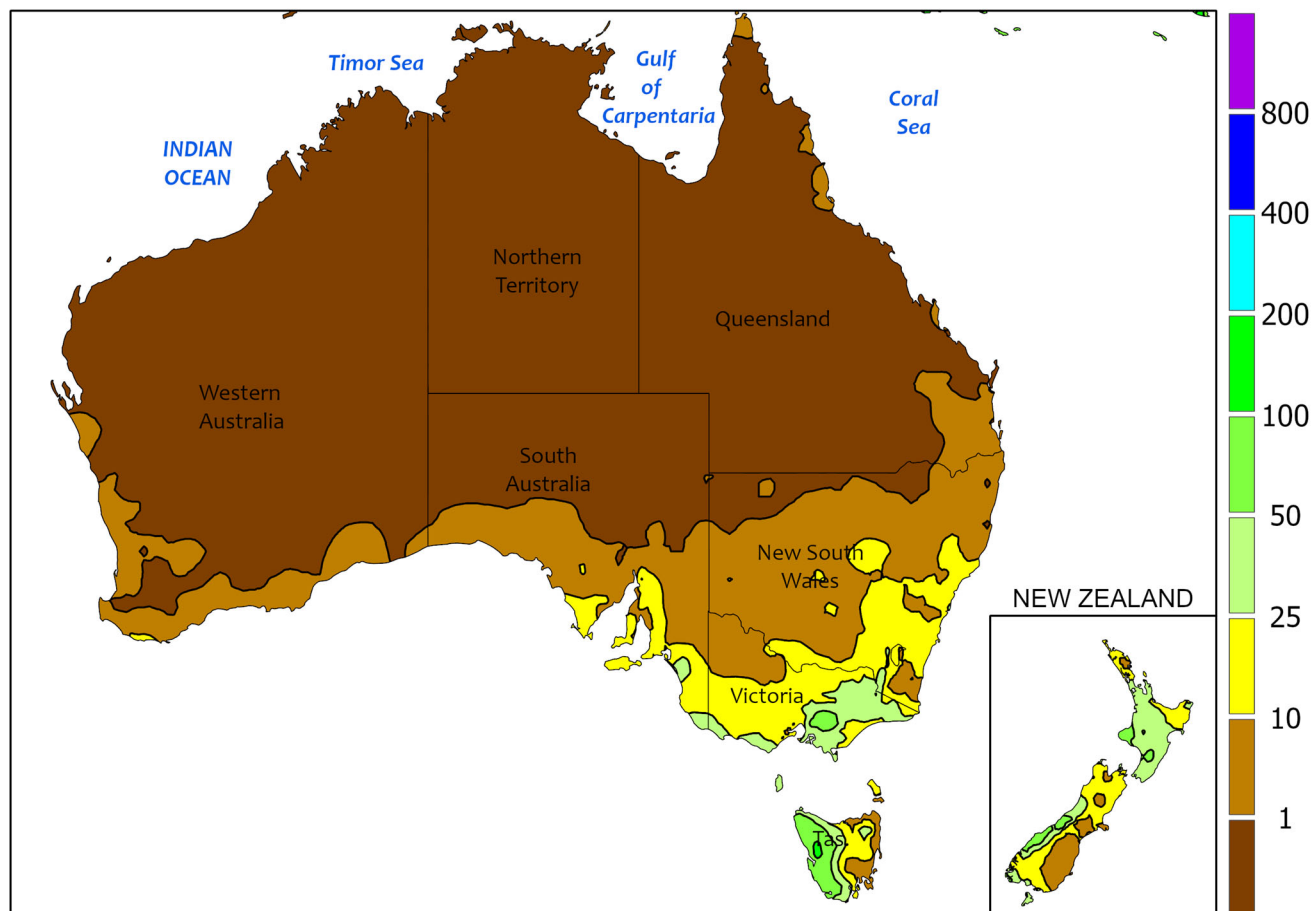


SOUTHEAST ASIA

A tropical cyclone (Ma-On) cut across northern-most portions of the Philippines around mid-week, producing downpours (as much as 250 mm) and localized flooding. However, the rain helped recharge reservoirs in northwestern sections following a lack of consistent heavy showers for much of the season. Ma-On moved into northern Vietnam and dissipated by the end of the period, with heavy showers (100-250 mm) recorded there

as well; 10th month rice sowing was ongoing at the time. Meanwhile, continued wet weather in Thailand and the surrounding areas maintained favorable moisture supplies for rice that is largely nearing reproduction. In addition, widespread showers (25-100 mm or more) in Malaysia and Indonesia benefited oil palm ahead of the main harvest period (September-October).

AUSTRALIA
Total Precipitation(mm)
August 21 - 27, 2022



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



AUSTRALIA

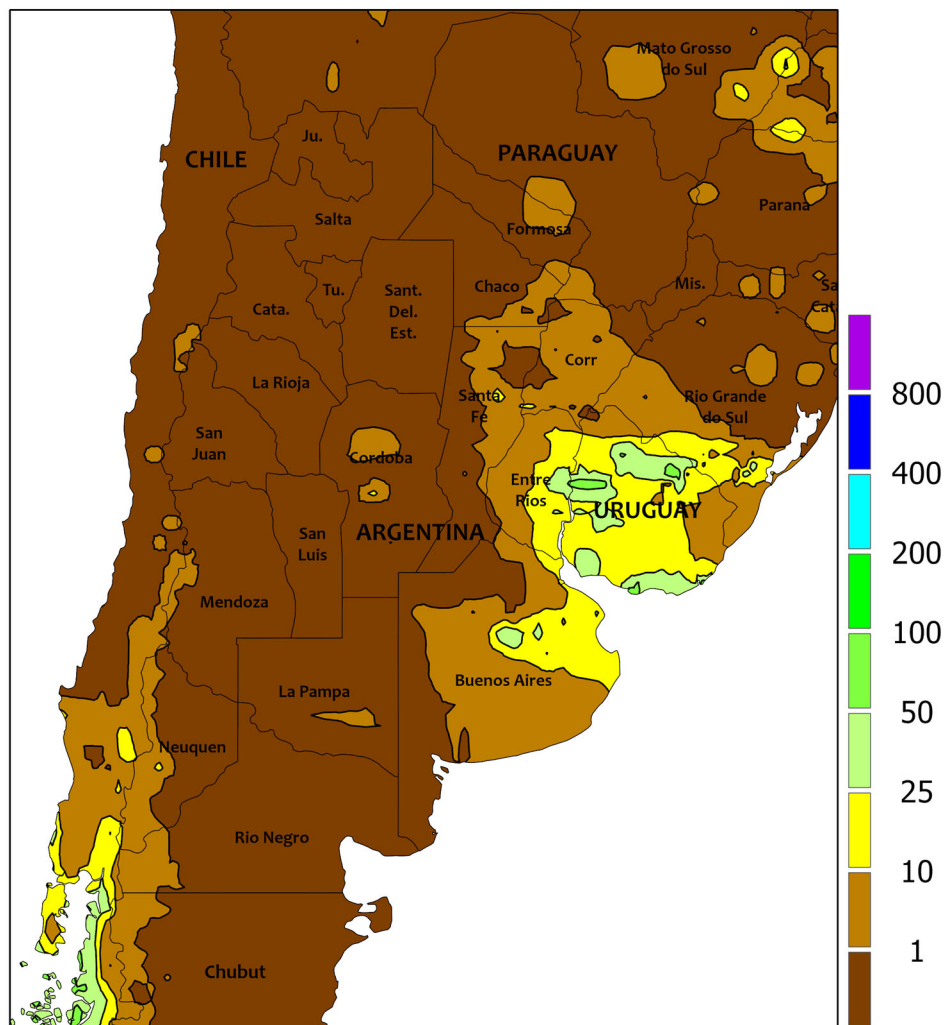
In the wake of the previous week's soaking rain, much drier weather overspread Western Australia. A combination of sunny skies and abundant soil moisture favored wheat, barley, and canola development and helped maintain good to excellent winter crop prospects throughout much of the State. In southeastern Australia, widespread showers (5-15 mm, locally more) continued to benefit winter grains and oilseeds, which are in or nearing the reproductive stages of development. Winter crop conditions and prospects remained very good in South Australia, Victoria, and New South Wales, although there have been some reports of waterlogging in parts of New South Wales. For a second

consecutive week, mostly dry weather (less than 5 mm) persisted in northern New South Wales and southern Queensland. The sunshine aided wheat and other reproductive winter crops and enabled fieldwork to proceed in advance of upcoming summer crop planting. Temperatures averaged 2°C below normal in the northeast and near normal in the south and west, with maximum temperatures generally in the upper 10s and lower 20s (degrees C). Minimum temperatures remained above freezing throughout most of the wheat belt, although isolated subfreezing temperatures (generally -1°C) were observed along the eastern fringe.

ARGENTINA

Total Precipitation(mm)

August 21 - 27, 2022



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



ARGENTINA

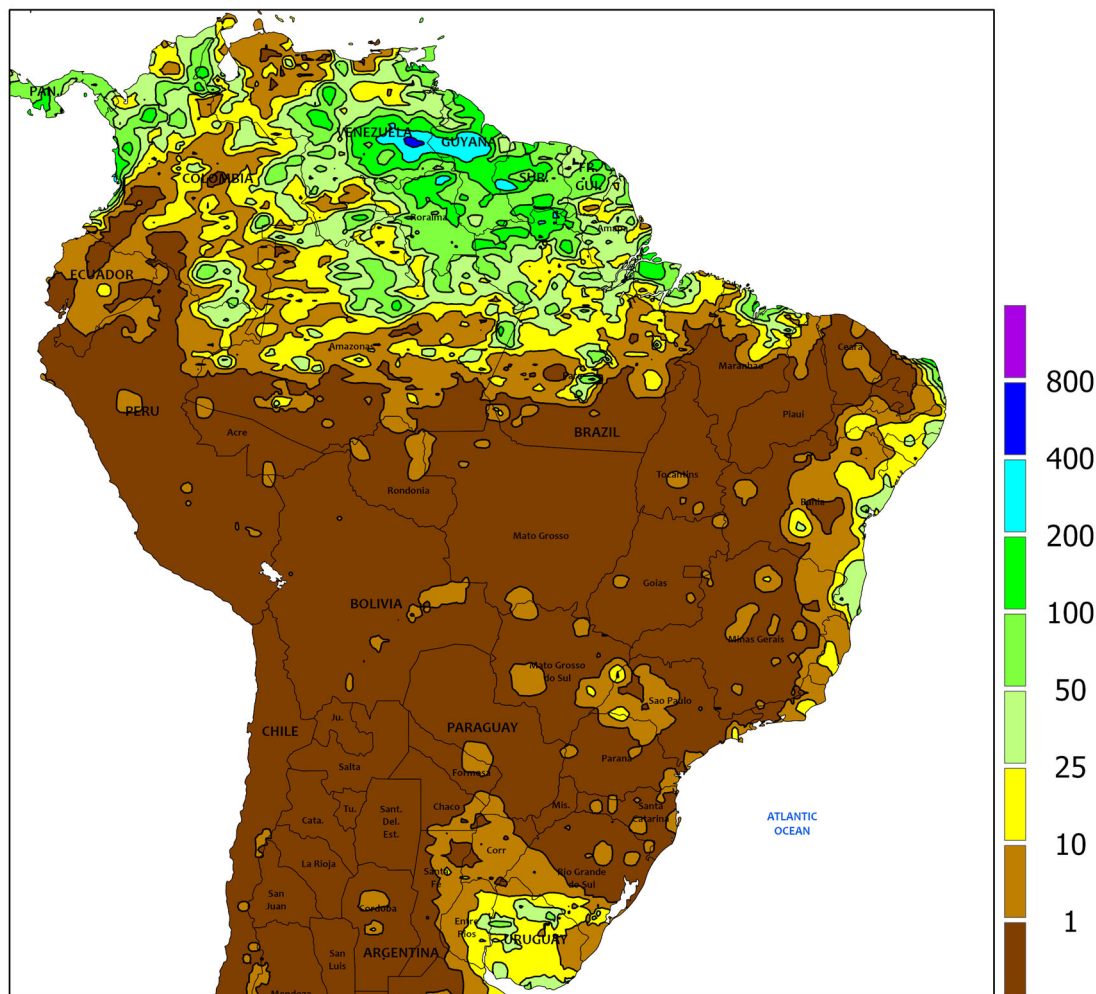
Dry, unseasonably warm weather covered nearly all major agricultural districts. Aside from light to moderate rain (2-25 mm) in eastern portions of Buenos Aires and Entre Rios, Argentina recorded near complete dryness, with few other locations reporting measurable rainfall. Weekly temperatures averaged 2 to 5°C above normal, with highest daytime temperatures ranging from the lower 20s (degrees C) in

southern Buenos Aires to near 40°C in the far north (eastern Salta and environs). Freezes were patchy in nature. According to the government of Argentina, nearly all seasonal fieldwork had been completed as of August 25; wheat was reportedly in reproductive to filling stages in some northern growing areas but had not yet reached reproduction in major production areas of central Argentina.

BRAZIL

Total Precipitation(mm)

August 21 - 27, 2022



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

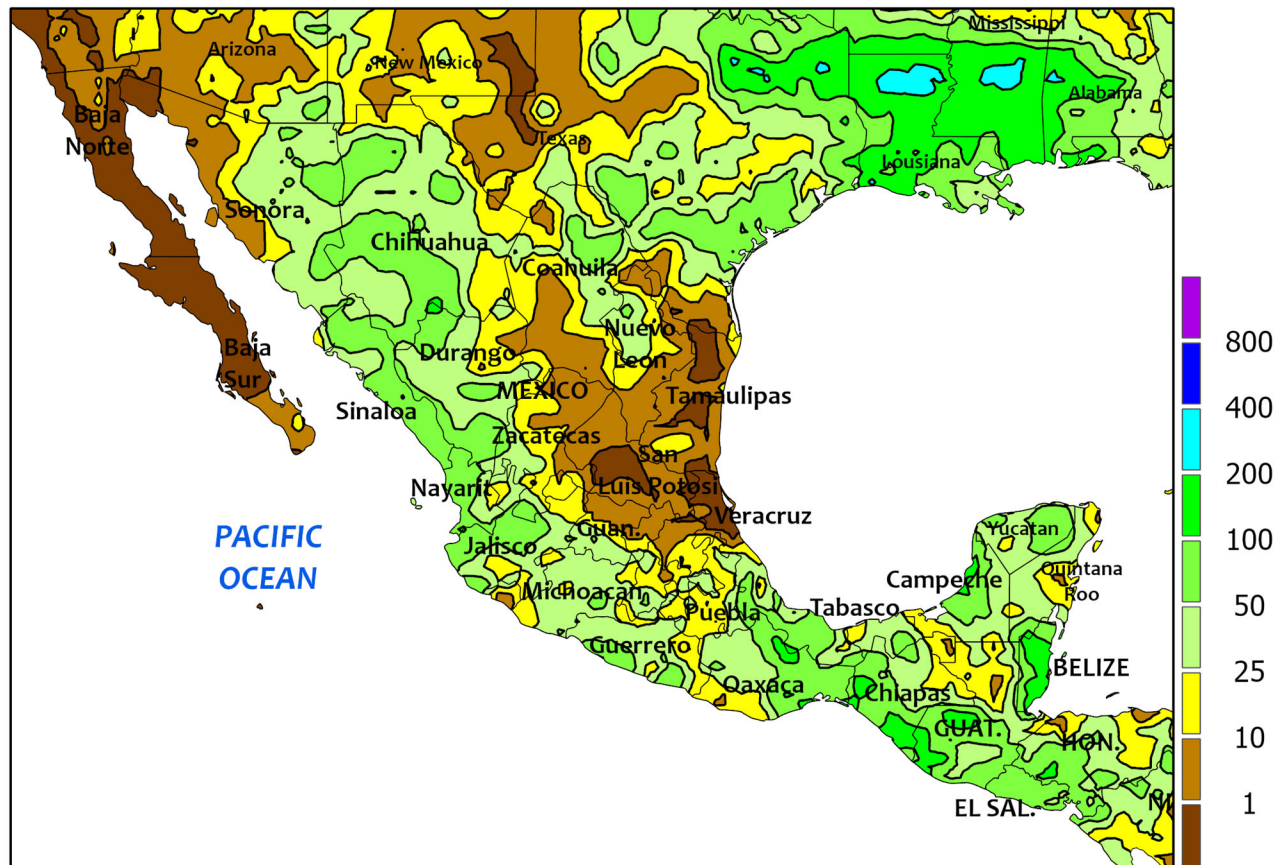


BRAZIL

Sunshine and warmth favored wheat development in key southern production areas, following last week's beneficial rainfall. Most interior farming areas from Rio Grande do Sul northward were completely dry. Weekly average temperatures were up to 3°C above normal from western Mato Grosso do Sul southward and somewhat cooler than normal elsewhere – including farming areas in central and eastern Paraná – but no widespread freeze was recorded.

According to the government of Paraná, second-crop corn was 84 percent harvested as of August 22; meanwhile, 2 percent of wheat was harvested, with 18 percent of the remaining crop mature. Meanwhile, fieldwork was winding down in Mato Grosso, where cotton was 97 percent harvested as of August 26, compared with 78 percent last year. In northern farming areas, rainfall (10-50 mm, locally higher) was confined to northeastern coastal areas.

MEXICO
Total Precipitation(mm)
August 21 - 27, 2022



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

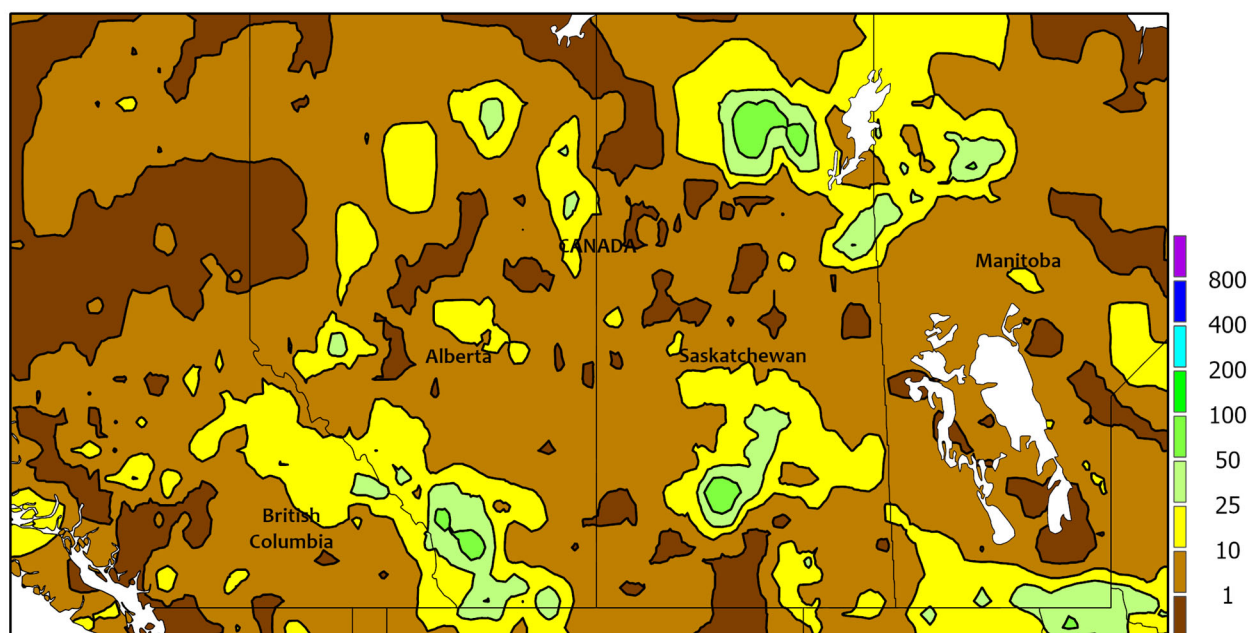


MEXICO

Widespread, locally heavy showers benefited rain-fed summer crops in most major production areas. In the south, moderate to heavy rain (10-50 mm or more) across the southern plateau (Jalisco to Puebla) favored corn and other summer crops; similar amounts were recorded along the southern Pacific Coast. Heavier rain (locally greater than 100 mm) fell in the southeast, including the Yucatán Peninsula and southern sugarcane areas in Veracruz.

However, pockets of dryness returned to the northeast, including sugarcane areas in and around northern Veracruz and much of Tamaulipas and San Luis Potosí. Above-normal temperatures accompanied the northeastern dryness, with daytime highs again reaching 40°C in spots. In contrast, moderate to heavy monsoon showers (25-100 mm) continued in northwestern watersheds, further improving reservoir levels for the next winter grain crop.

CANADIAN PRAIRIES
Total Precipitation(mm)
August 21 - 27, 2022



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



CANADIAN PRAIRIES

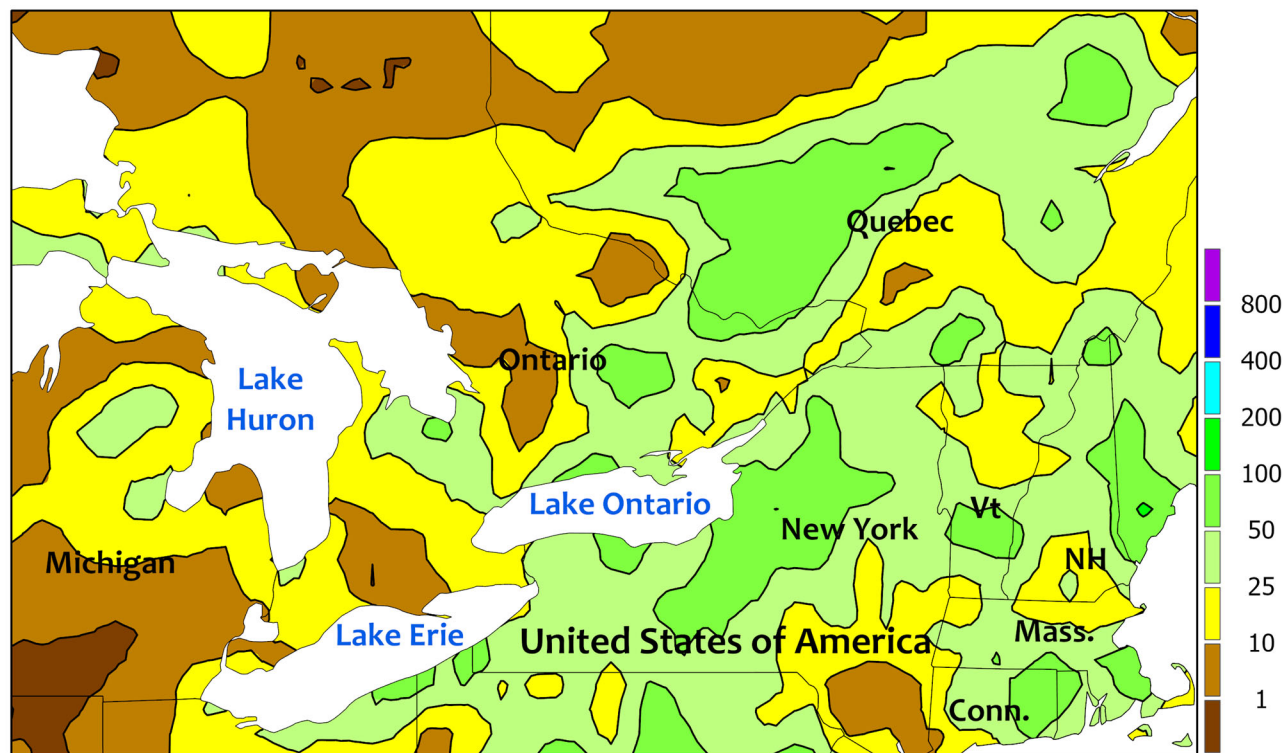
Warm, mostly dry weather favored maturation and harvesting of spring crops across the region. Weekly average temperatures ranged from 1 to 2°C above normal in Manitoba to 5 to 6°C above normal in Alberta's Peace River Valley. Despite the wide range, however, highest daytime temperatures were fairly uniform, ranging from the upper 20s to lower 30s (degrees C). In addition, nighttime lows stayed well above freezing, extending the growing season for crops in

climatologically cooler locales. Mostly dry conditions accompanied the warmth (less than 10 mm of rainfall in most locations), and the overall sunny weather contributed to the maturation and drying down of crops. According to the government of Saskatchewan, 45 percent of spring crops were harvested in southwestern agricultural districts as of August 15, ahead of the 5-year average of 29 percent and up 28 points from the previous week.

SOUTHEASTERN CANADA

Total Precipitation(mm)

August 21 - 27, 2022



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



SOUTHEASTERN CANADA

Beneficial rain boosted moisture for immature summer crops in Ontario, following an extended period of dryness. Rainfall totaled 10 to 50 mm – locally higher – across the region, extending northeastward into outlying farming areas of Quebec. The moisture was not only beneficial for filling corn

and soybeans but also for the upcoming winter wheat crop, typically planted beginning in September. Weekly temperatures averaged near to slightly above normal across the region, with highest daytime temperatures reaching up to 30°C and overnight lows staying above freezing.



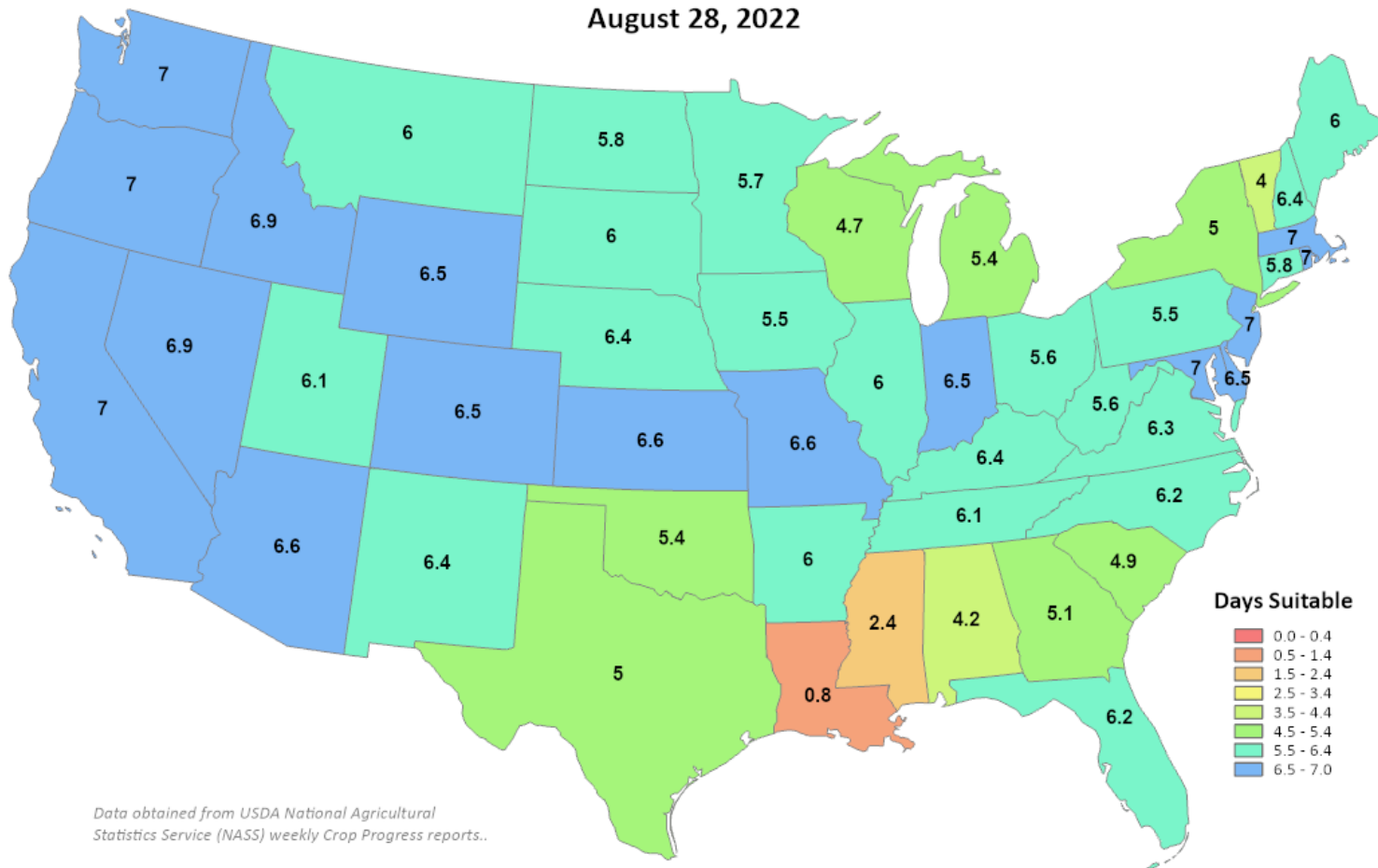
United States
Department of
Agriculture

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Days Suitable for Fieldwork

Week Ending

August 28, 2022



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