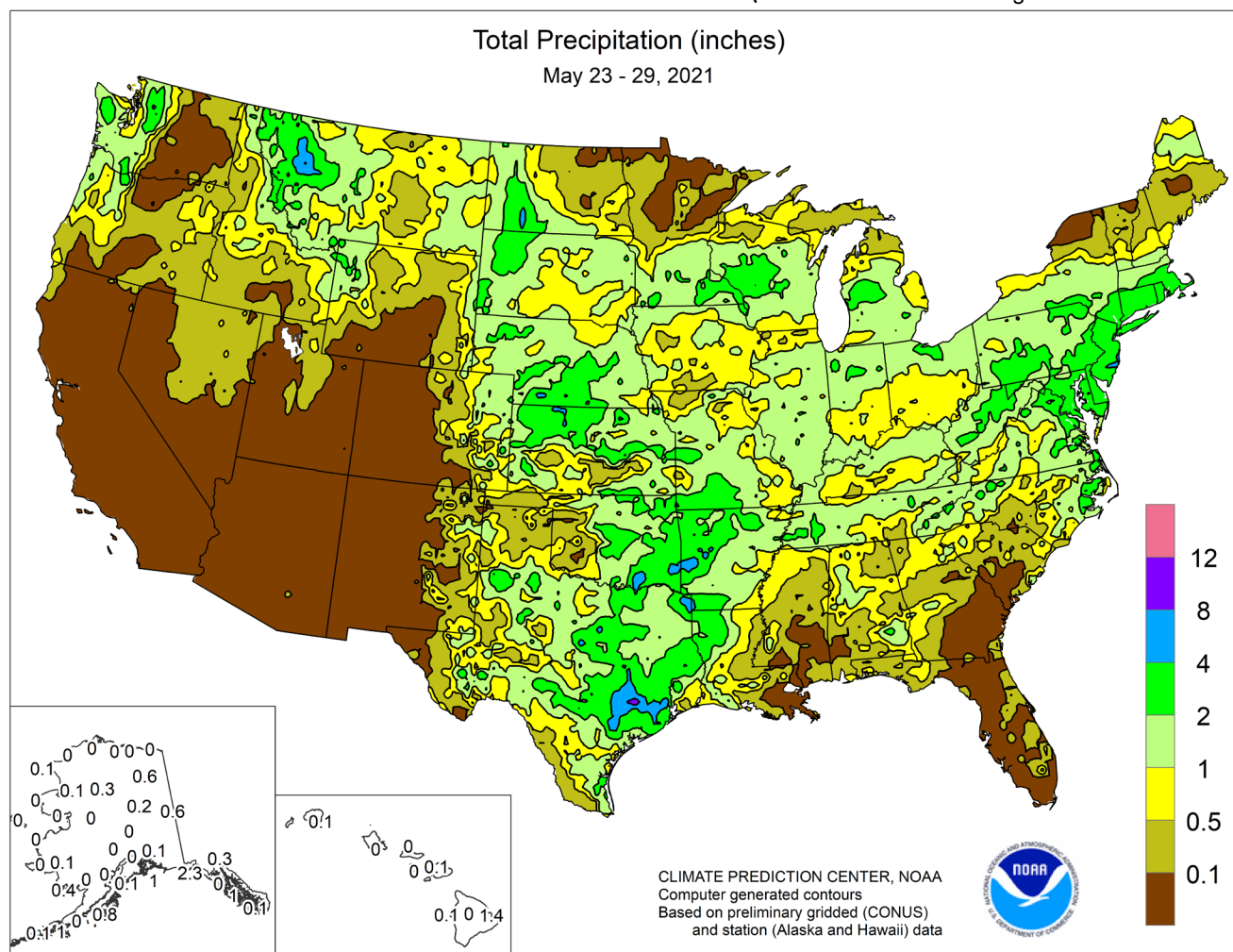


WEEKLY WEATHER AND CROP BULLETIN

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 May 23 – 29, 2021

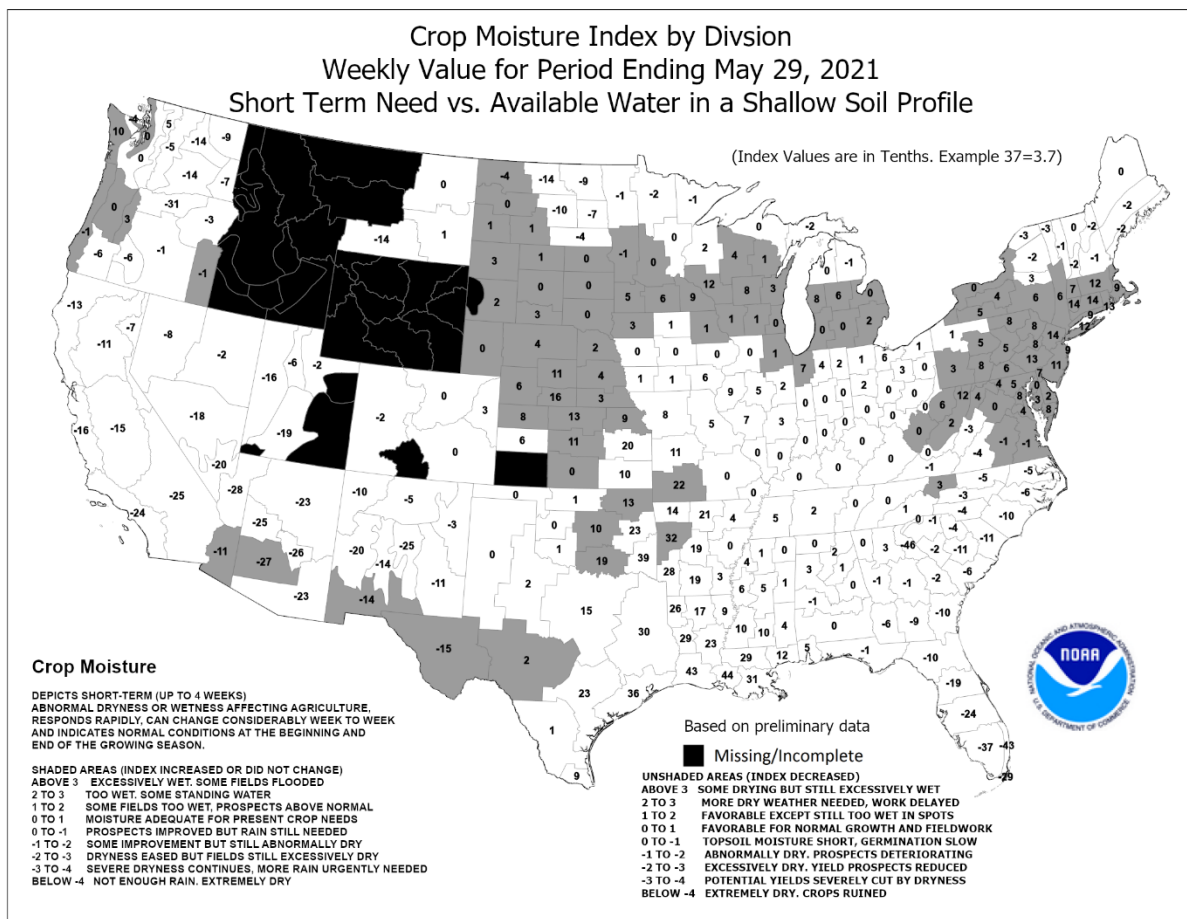
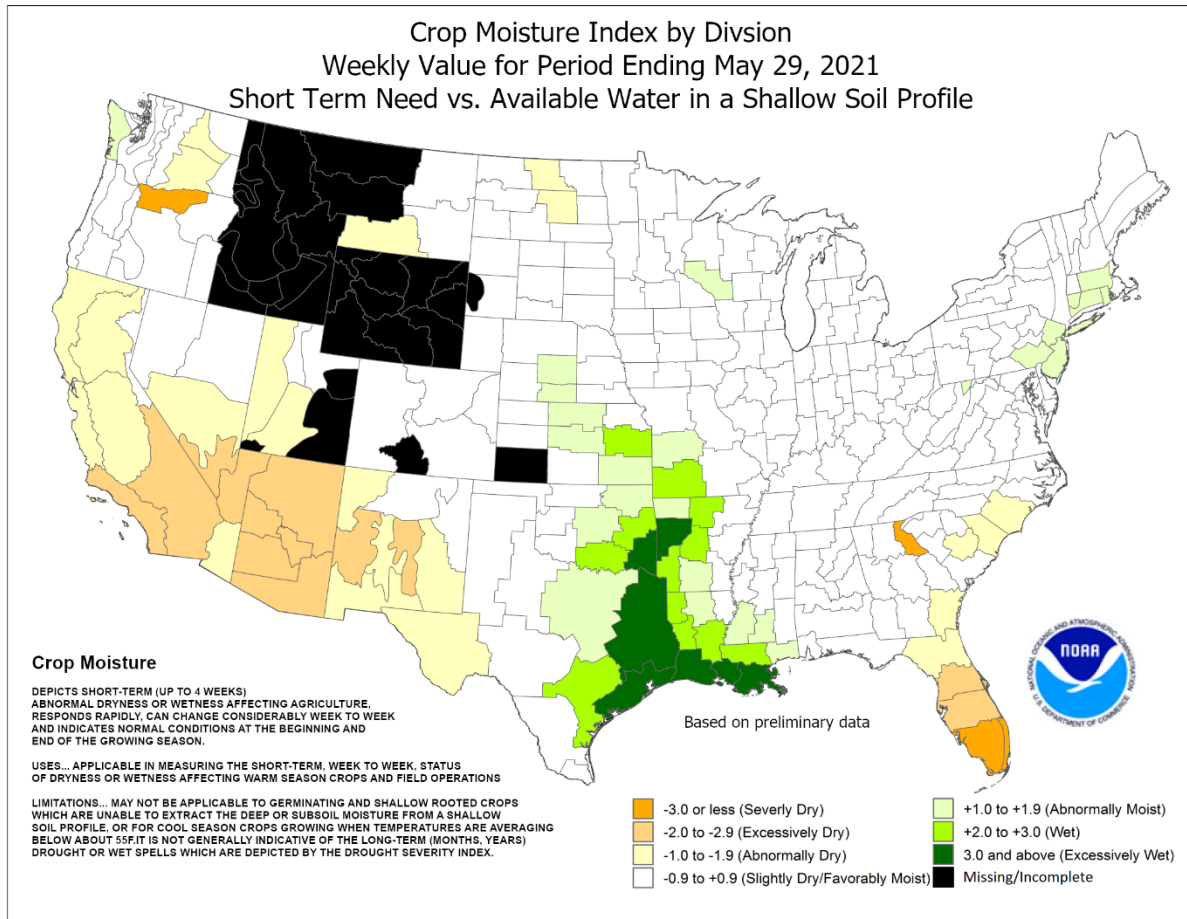
Highlights provided by USDA/WAOB

For the second week in a row, the **middle one-third of the U.S.** and the **Northwest** received widespread precipitation. Also, like the previous week, mostly dry weather covered the **Southwest** and **lower Southeast**. However, a much wetter pattern developed across the **eastern Corn Belt**, the **Ohio Valley**, and the **mid-Atlantic**, extending into **southern New England**. **Lower Southeastern** dryness, accompanied by an early-season hot spell, resulted in further reductions in topsoil moisture and an increase in stress on pastures and emerging summer crops.

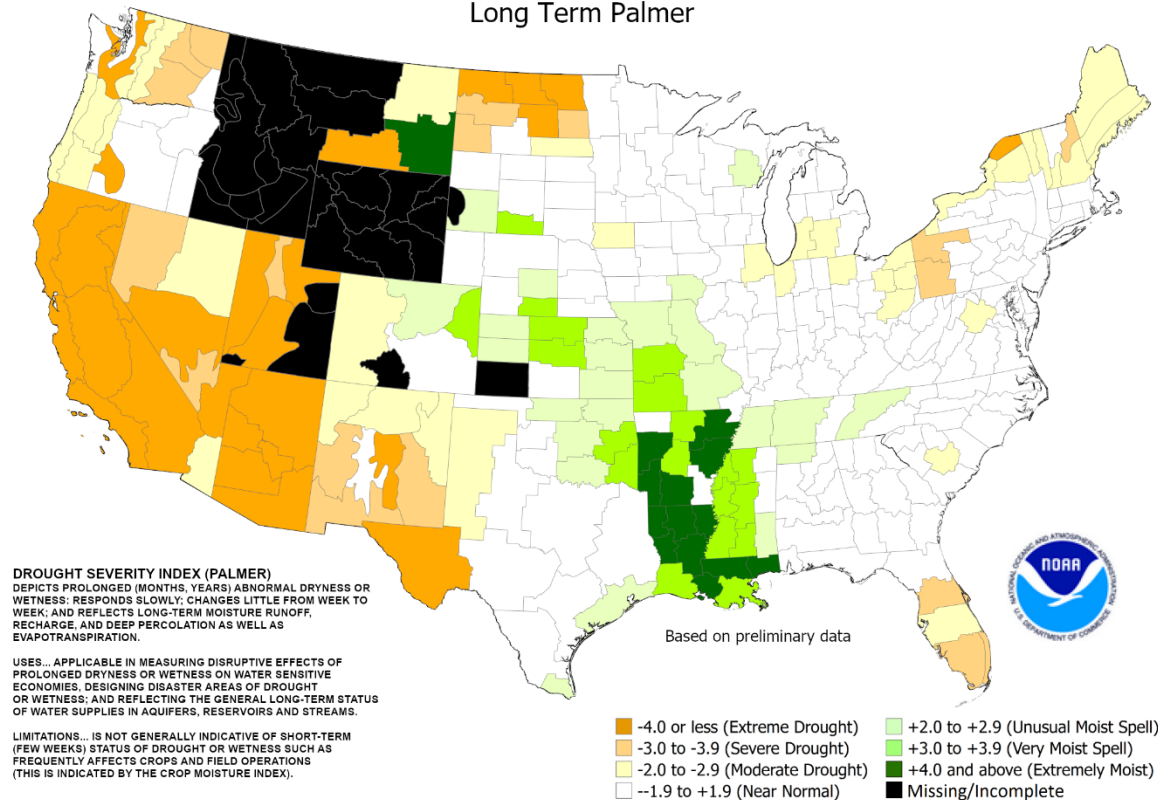
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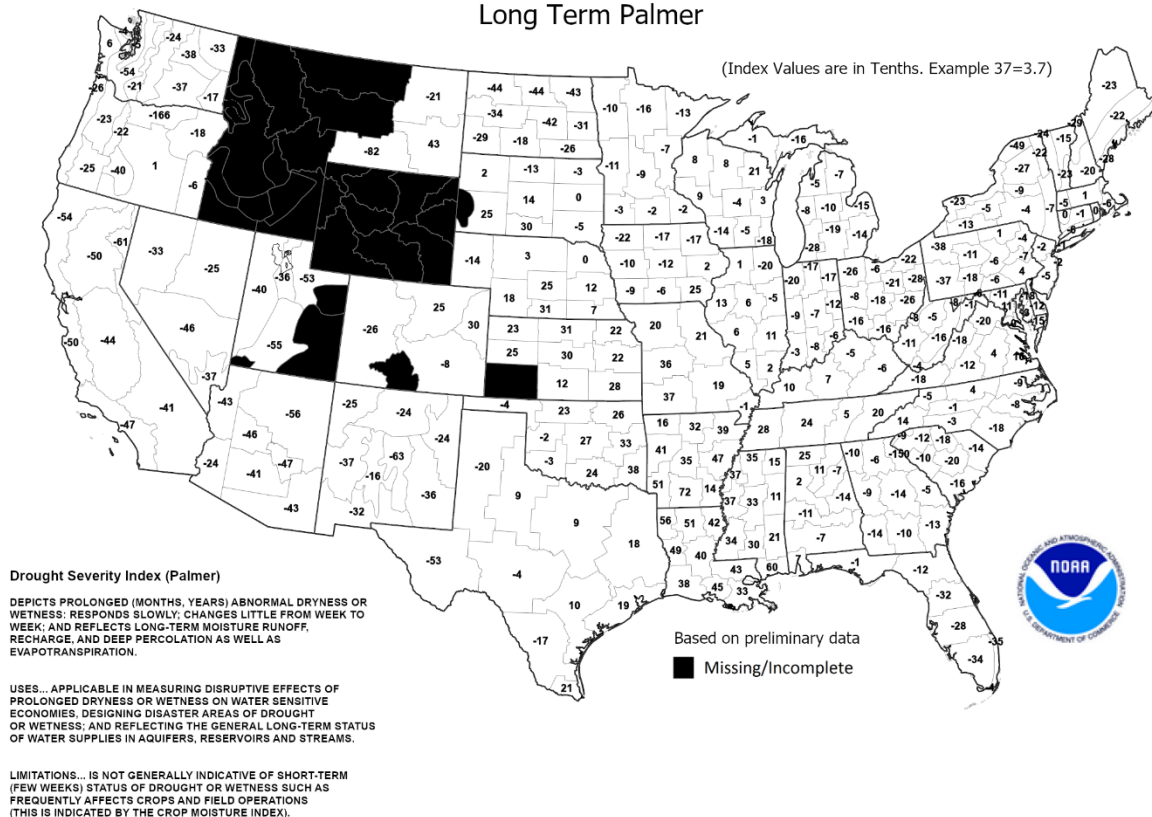
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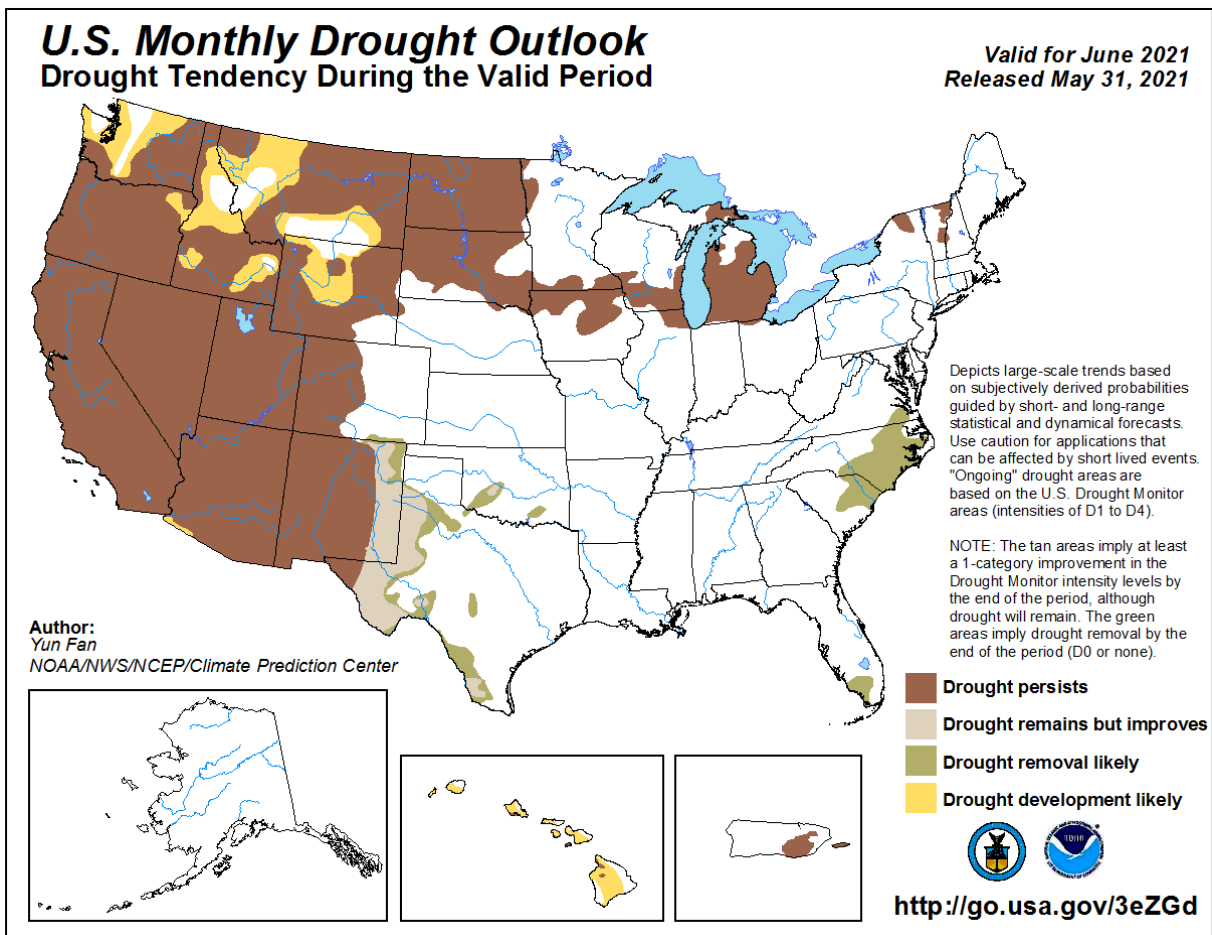
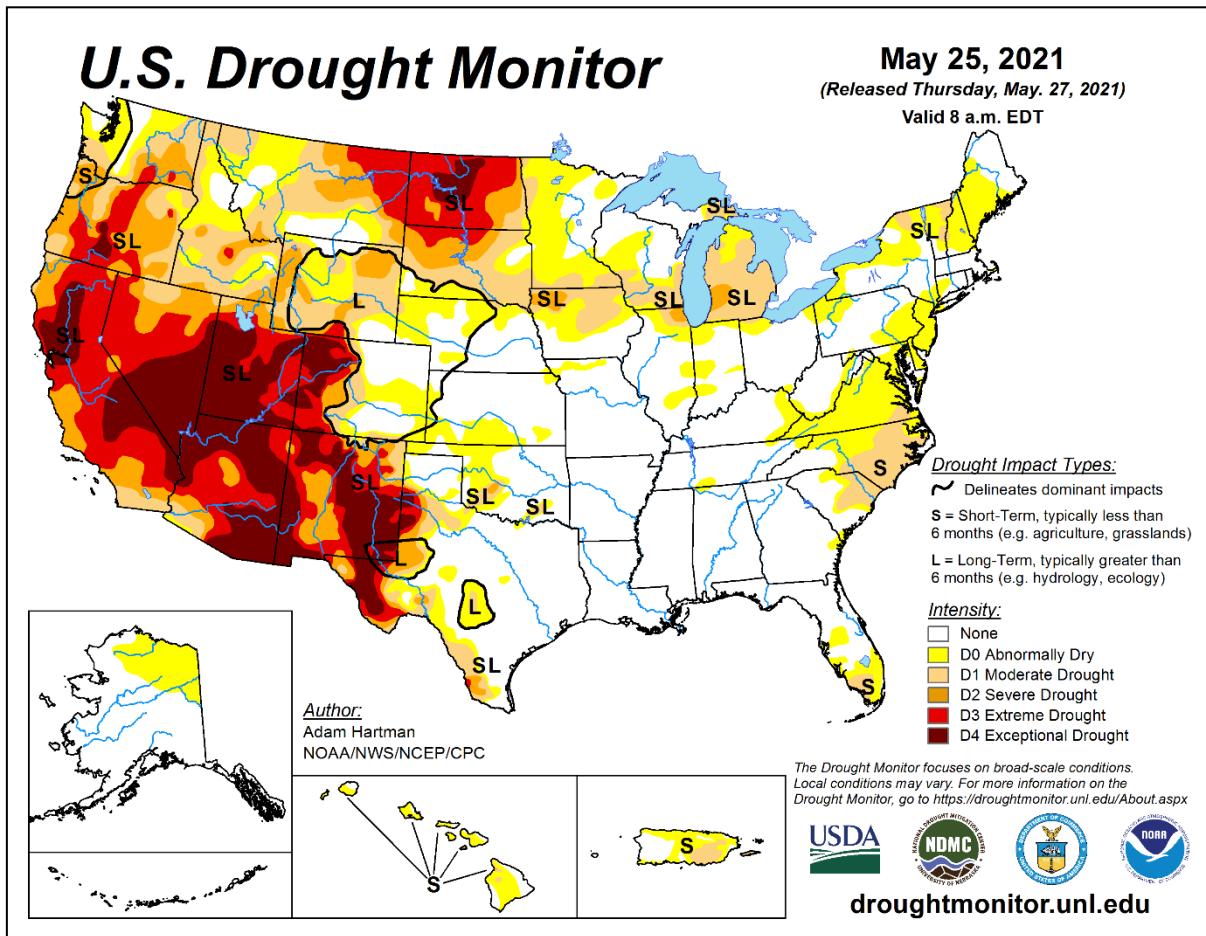


Drought Severity Index by Division Weekly Value for Period Ending May 29, 2021 Long Term Palmer



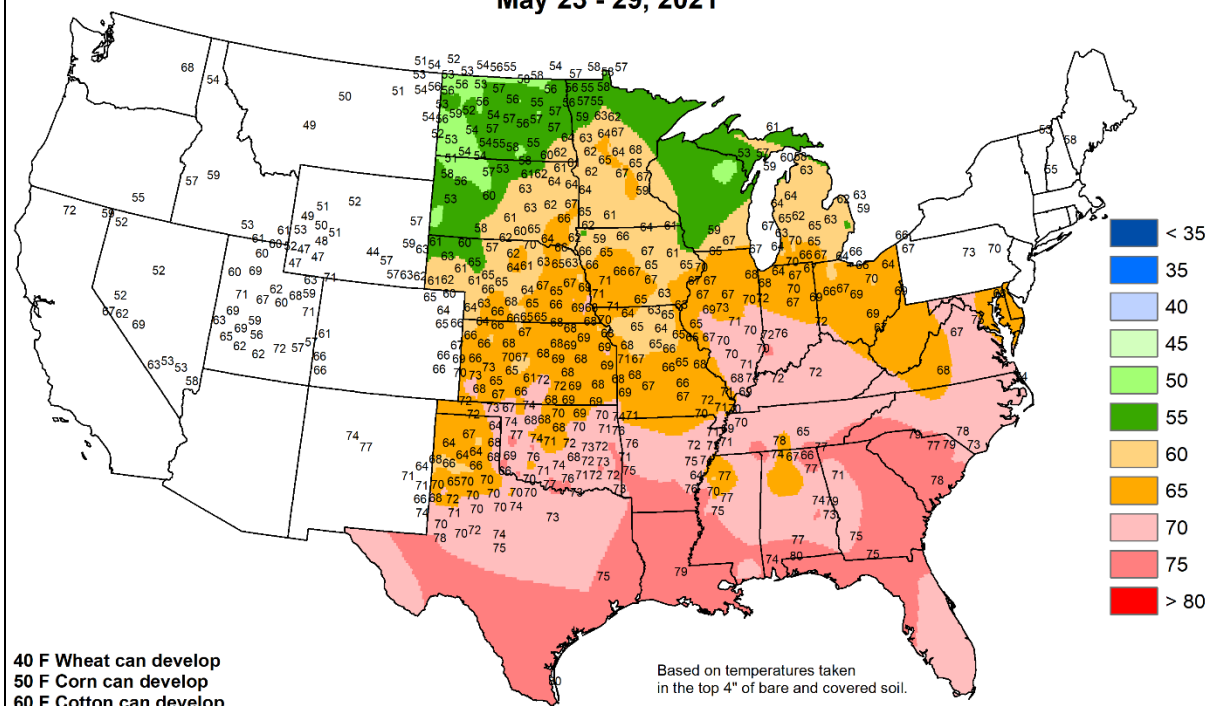
Drought Severity Index by Division Weekly Value for Period Ending May 29, 2021 Long Term Palmer





Average Soil Temperature (Deg. F)

May 23 - 29, 2021



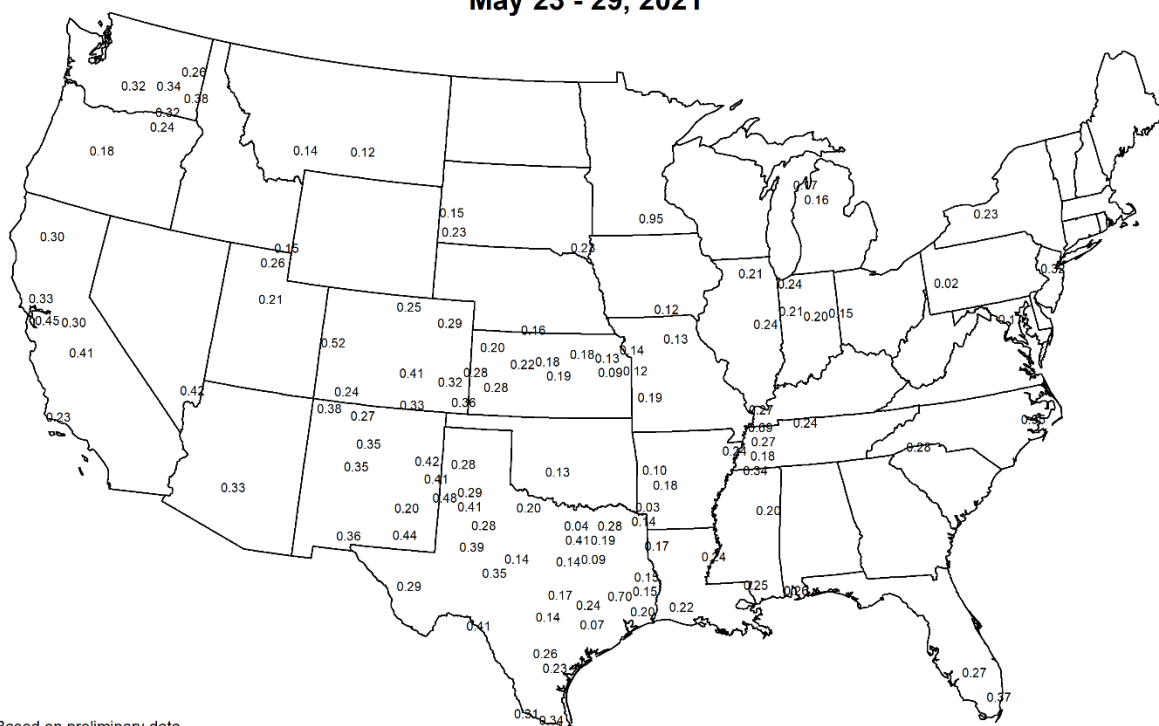
Data provided by the Climate Prediction Center, High Plains Regional Climate Center, Nebraska Mesonet at Univ of Nebraska, CoAgMet at Colorado State Univ, Kansas Mesonet at Kansas State Univ, North Dakota Agricultural Weather Network at North Dakota State Univ, Wyoming State Climate Office at the Univ of Wyoming, Illinois State Water Survey, Iowa State University, Oklahoma Mesonet, Purdue University, University of Missouri, Illinois State Water Survey, Michigan Automated Weather Network, West Texas Mesonet, South Dakota State Univ. Mesonet, Ohio Agricultural Research and Development Center, Univ. of Missouri and USDA/NRCS.



United States
Department of
Agriculture

Average Pan Evaporation (inches/day)

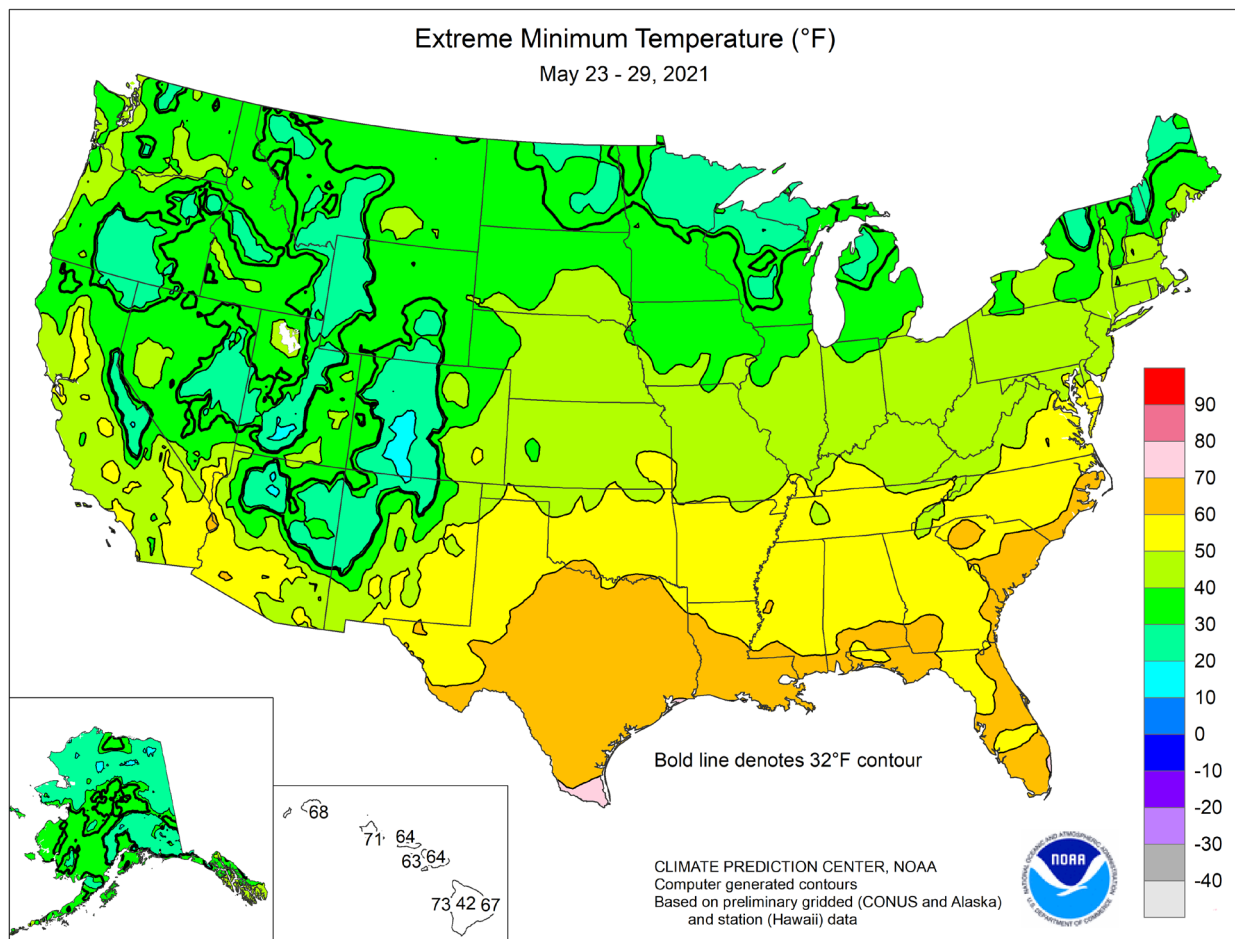
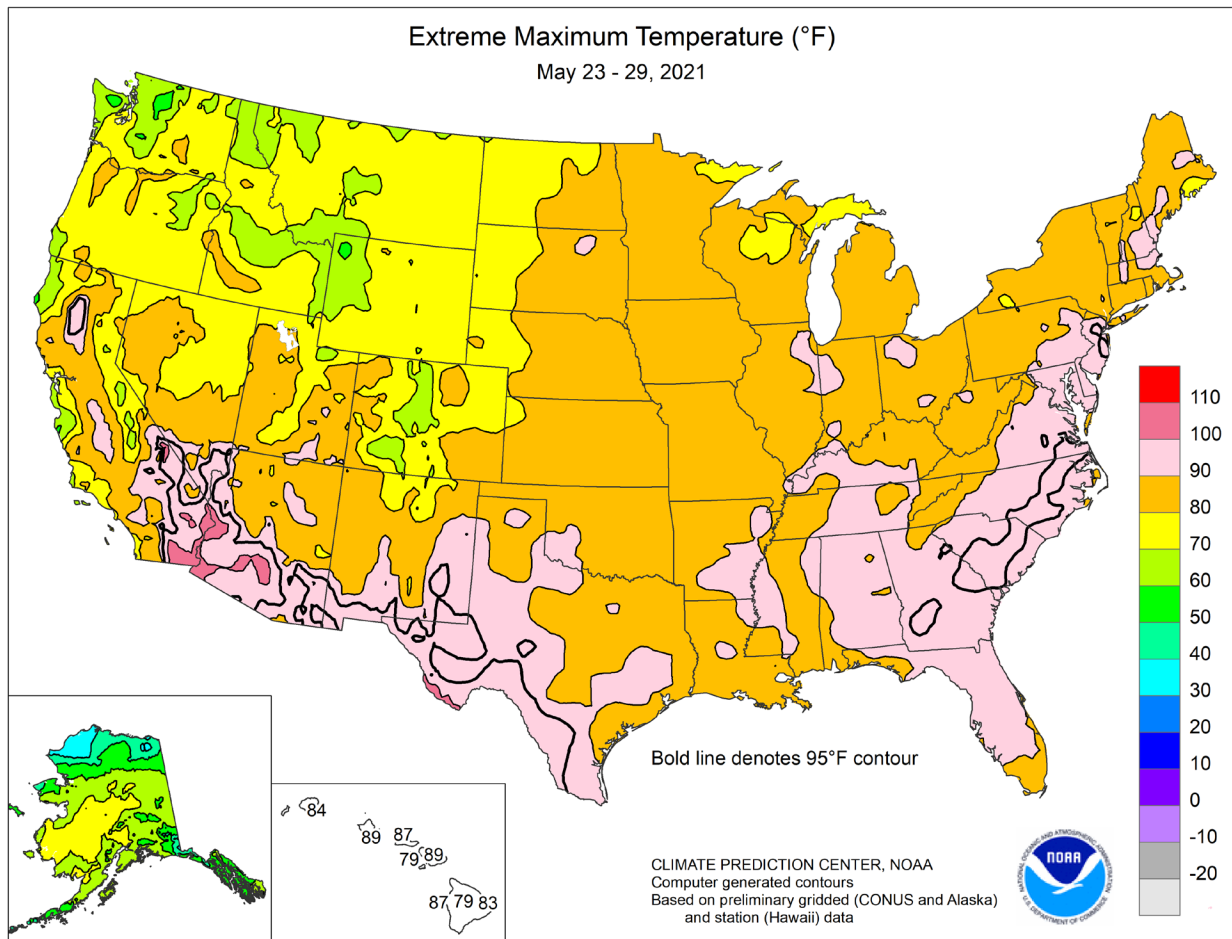
May 23 - 29, 2021



Based on preliminary data

USDA Agricultural Weather Assessments

Data obtained from the NWS Cooperative Observer Network.

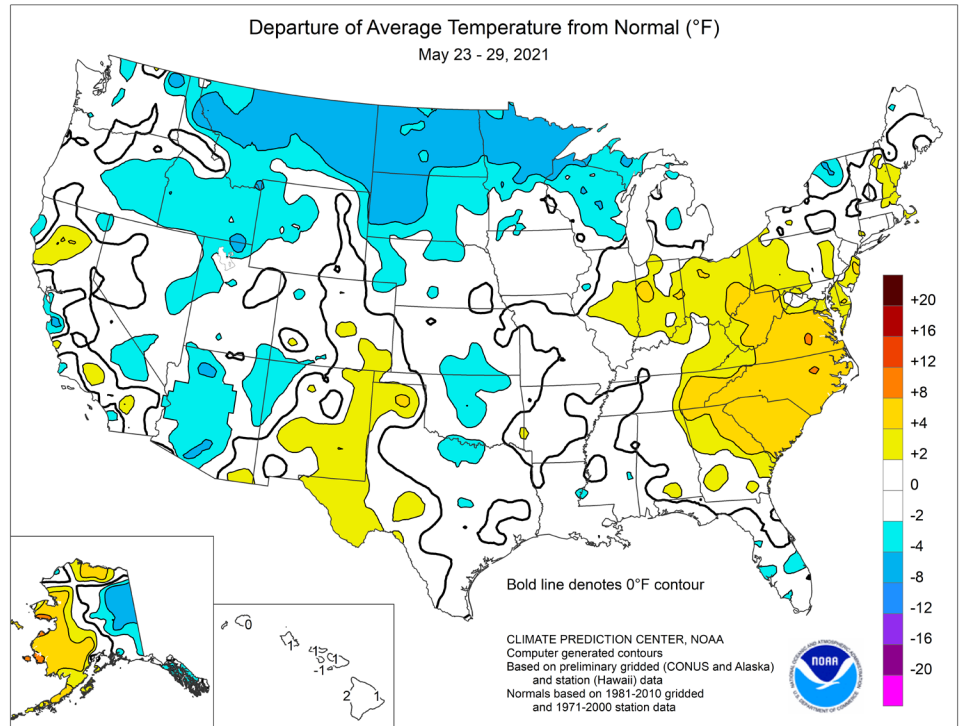


(Continued from front cover)

Meanwhile, seasonably dry weather prevailed in **California** and the **Southwest**, where late-week heat complicated an already serious drought situation by severely stressing dryland crops and boosting irrigation demands. Although beneficial showers dotted the **northern Plains** and **interior Northwest**, lingering drought impacts included soil moisture shortages and poor pasture and rangeland conditions. Farther south, heavy showers arrived at an inopportune time for maturing winter wheat, which at this stage would benefit from warmer, drier weather. Elsewhere, pockets of excessive wetness persisted from the **western Gulf Coast region to the Mississippi Delta**, while most **Midwestern** corn and soybeans had adequate moisture for germination and growth. Although much of the country experienced near- or below-normal temperatures, several days of hot weather affected the **middle and southern Atlantic States**. In addition, heat began to build late in the week across the **Far West**. Weekly temperatures averaged at least 5°F above normal at numerous **mid-Atlantic** locations.

In contrast, cooler-than-normal conditions—with temperatures averaging more than 5°F below normal in many places—covered large sections of the **northern Plains**, **upper Midwest**, and **interior Northwest**. Late-season freezes were reported in several areas across the **nation's northern tier**, especially from **North Dakota to Maine**, burning back tender vegetation such as emerged summer crops. Scattered, late-week frost was noted in a broader area across the **northern Plains**, **upper Midwest**, **Great Lakes**, and **interior Northeast**.

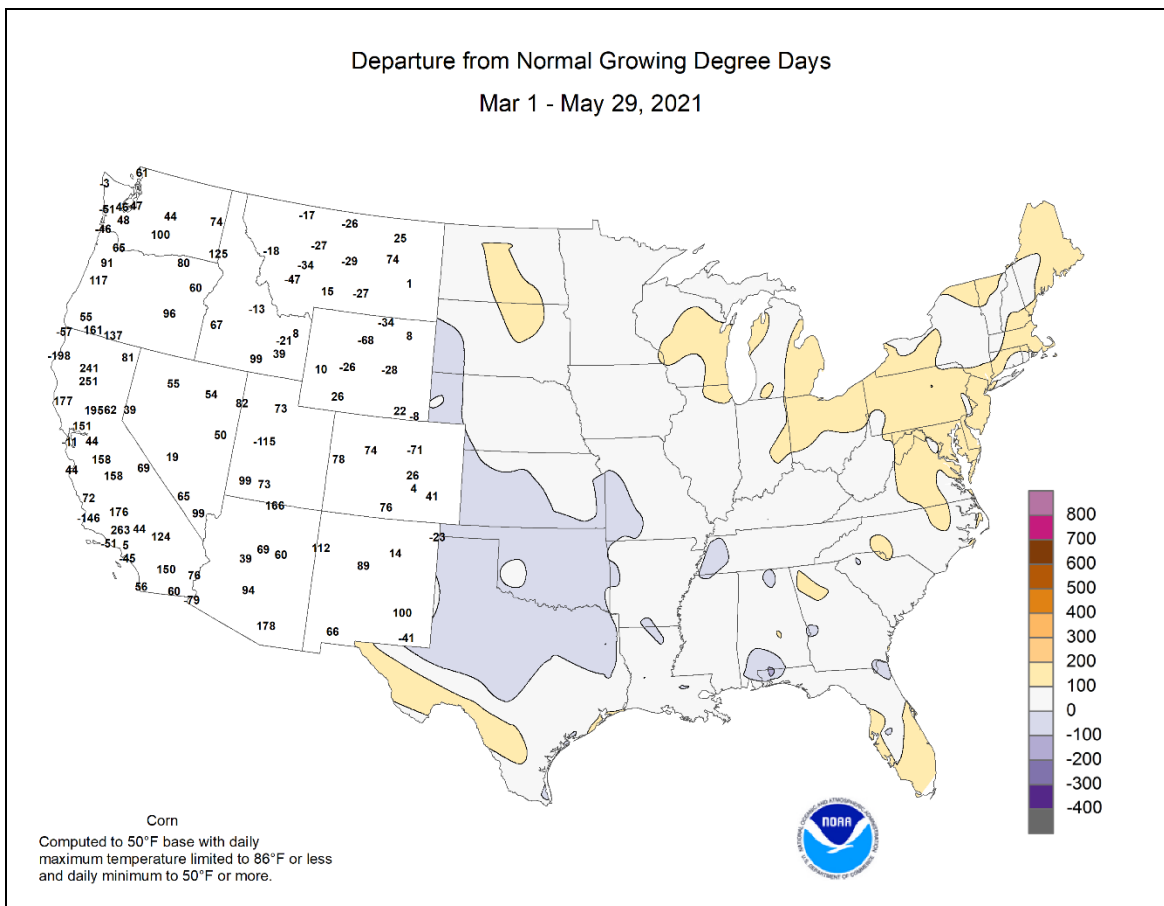
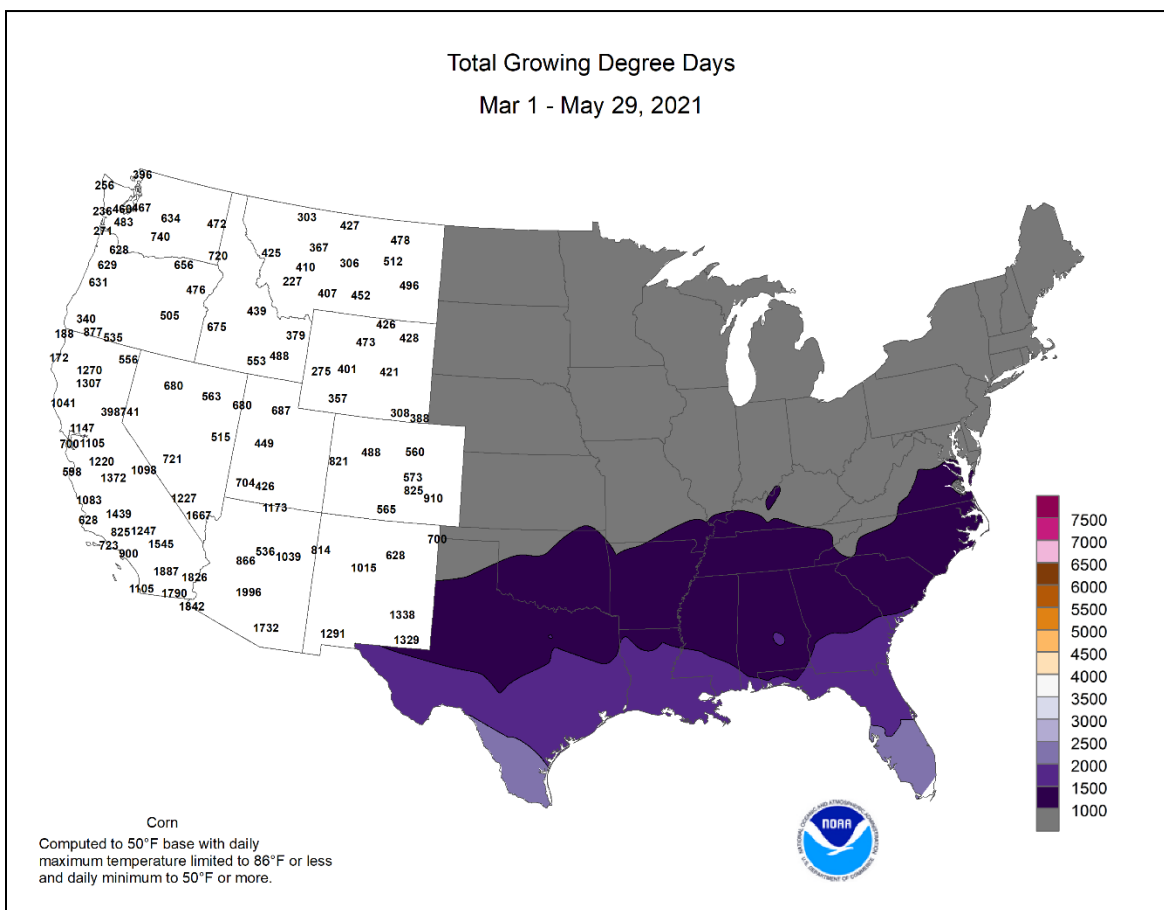
As the week began, record-setting warmth continued in the **East**. Record-setting highs for May 23 included 94°F in **Wilmington, DE**, and **Atlantic City, NJ**. **Southeastern** heat lingered for several additional days. Daily-record highs soared to 98°F (on May 24) in **Lumberton, NC**; 95°F (on May 26) in **Richmond, VA**; and 98°F (on May 27) in **Wilmington, NC**. There was also a brief, mid-week heat surge into the **Great Lakes and Northeastern States**. In **Michigan**, daily-record highs for May 25 rose to 90°F in **Lansing** and **Battle Creek**. In **Maine**, record-setting highs for May 26 climbed to 91°F in **Millinocket** and 89°F in **Houlton**. Farther west, however, the week began on a chilly note. **Western** daily-record lows for May 23 dipped to 20°F at **Utah's Bryce Canyon Airport** and 22°F in **Flagstaff, AZ**. Temperatures quickly rebounded, though, as **Ramona, CA**, experienced a daily-record low (34°F) on May 23, followed the next day by a daily-record high (91°F). Late in the week, a significant, late-season push of chilly air settled across the **northern Plains**, **Midwest**, and **Northeast**. On May 28-29, **Minnesota** locations such as **Hibbing** (21 and 22°F, respectively) and **Duluth** (30 and 29°F) closed the week with consecutive daily-record lows. From May 28-30, **Massena, NY**, reported three consecutive freezes (32, 29, and 32°F)—the first freezes since late April in that location. Freezes and daily-record lows occurred on May 29 in locations such as **Rhineland, WI** (26°F); **Livingston, MT** (29°F); and **Eau Claire, WI** (32°F). **Eau Claire's** only later final spring freezes occurred on June 12, 1903, and June 6, 1897; readings of 32°F were also reported on May 29, 1965 and 1966. Meanwhile in **northern Iowa**, **Hampton's** low of 32°F on May 29 represented its second-latest spring freeze on record, trailing only May 31, 1897—and tied with May 29, 1947. In **Binghamton, NY**, the temperature remained below the 50-degree mark

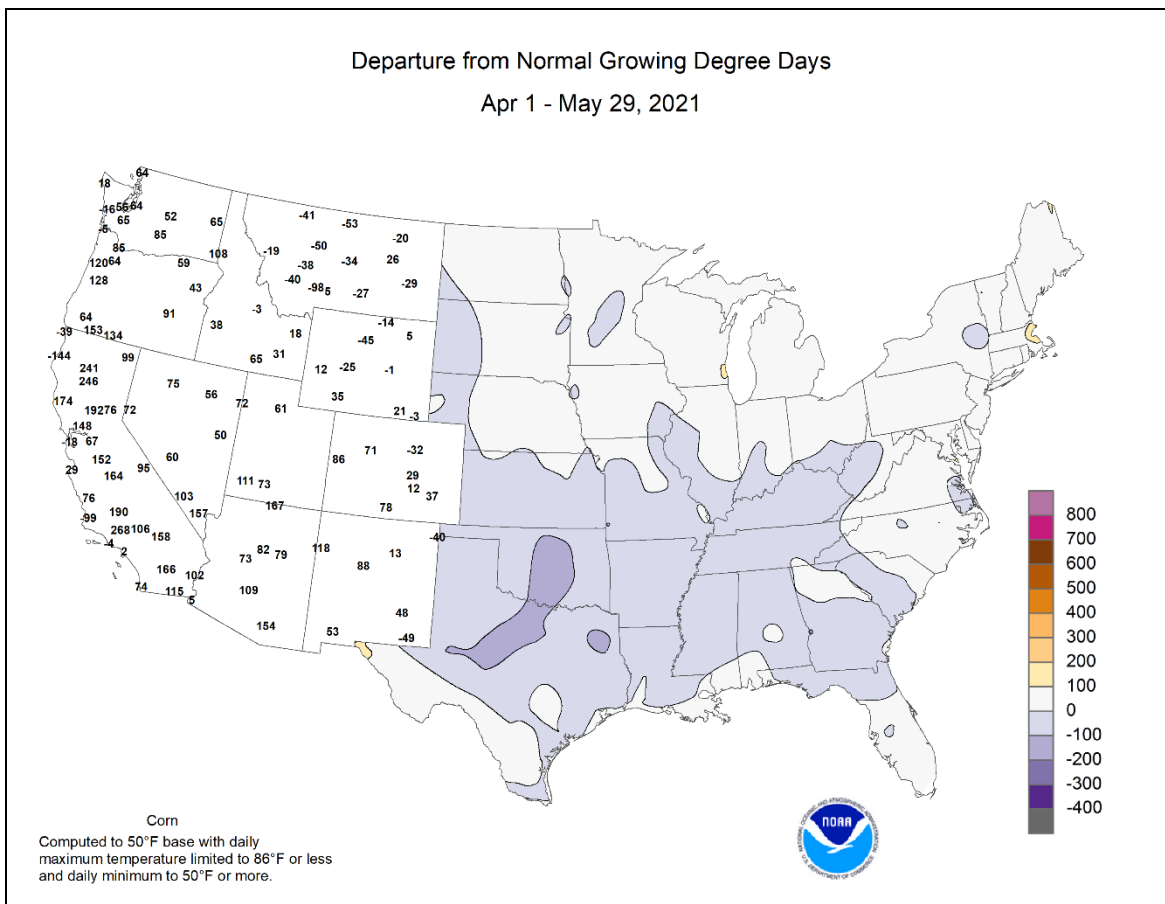
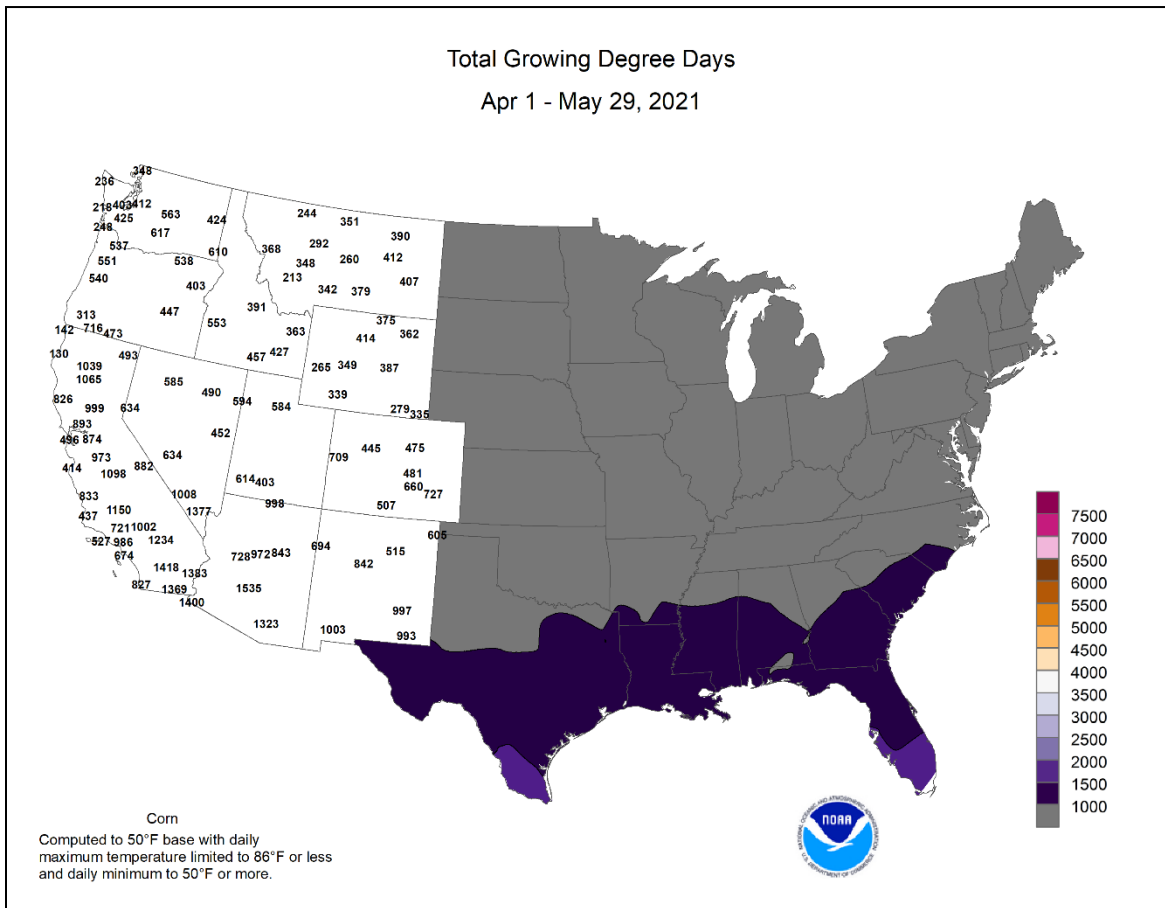


on 3 consecutive days from May 28-30, peaking at 49, 45, and 48°F. **Binghamton's** rainfall during the 3-day period totaled 1.90 inches.

Repeated rounds of rain across the **nation's mid-section** later spread to other parts of the country. On May 25, daily-record rainfall totals included 2.35 inches in **Wisconsin Rapids, WI**, and 1.58 inches in **Abilene, TX**. The following day, **Texarkana, AR**, received 3.65 inches, a station record for May 26. **Joplin, MO**, collected 3.07 inches on May 27, a record for the date. Farther north, a trace of snow fell on May 26 in **International Falls, MN**, and on May 27 in **Bismarck, ND**. Late in the week, heavy showers swept into the **East** and lingered across the **south-central U.S.** **Austin, TX**, registered a daily-record sum (2.66 inches) on May 28 and tallied a monthly total of 12.27 inches (245 percent of normal). In **Louisiana**, May rainfall was more than a foot above normal at **Lake Charles**, where 20.50 inches fell, as well as **Lafayette** (19.17 inches) and **New Iberia** (17.61 inches); those totals ranged from 352 to 401 percent of normal. Heavy rain fell as far west as **eastern New Mexico**, where **Roswell** experienced its wettest 4-day period on record in May. **Roswell's** 5.05-inch total from May 28-31, which included a 3.03-inch deluge on the 30th, was surpassed only by multi-day events on July 12-15, 1991 (5.83 inches), and September 30 – October 3, 2019 (5.19 inches). Farther east, daily-record rainfall totals for May 28 reached 1.98 inches in **Clarksburg, WV**, and 1.55 inches in **Islip, NY**.

Warmth overspread **western Alaska**, boosting weekly temperatures as much as 10°F above normal. **Bethel** posted a daily-record high of 72°F on May 24, followed the next day by a reading of 75°F (not a record for the date). Meanwhile, chilly conditions lingered across **eastern and southeastern Alaska**. Periods of precipitation accompanied cool weather in **south-central and southeastern Alaska**; in **Anchorage**, consecutive daily-record rainfall totals (0.28 and 0.58 inch, respectively) occurred on May 28-29. **Juneau** reported measurable rain on each of the last 11 days of May, totaling 3.88 inches. Farther south, **Hawaiian** weather featured warm, mostly dry conditions. On **Oahu**, **Honolulu** notched a daily-record high of 89°F on May 27. At the state's major airport observation sites, May rainfall ranged from 0.03 inch (4 percent of normal) in **Honolulu** to 6.17 inches (88 percent) in **Hilo**, on the **Big Island**.





National Weather Data for Selected Cities

Weather Data for the Week Ending May 29, 2021

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR IN.	TOTAL IN. SINCE MAR 1	PCT. NORMAL SINCE MAR 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	59	43	71	37	51	0	0.86	0.67	0.65	2.24	127	3.82	118	80	44	0	0	2	1	
	BARROW	32	28	35	25	30	3	0.00	-0.06	0.00	0.32	66	0.93	115	89	75	0	7	0	0	
	FAIRBANKS	63	41	73	37	52	-1	0.01	-0.15	0.01	2.59	216	3.96	178	68	27	0	0	1	0	
	JUNEAU	55	44	62	41	50	-2	1.11	0.32	0.50	15.85	161	26.37	136	86	58	0	0	5	1	
	KODIAK	58	42	66	36	50	4	0.50	-0.84	0.49	14.97	90	32.35	104	82	56	0	0	2	0	
	NOME	62	41	71	31	51	10	0.00	-0.20	0.00	3.27	144	4.40	105	62	28	0	1	0	0	
AL	BIRMINGHAM	86	64	92	54	75	2	1.45	0.35	1.12	20.94	146	27.80	117	87	43	3	0	2	1	
	HUNTSVILLE	85	61	92	54	73	0	0.24	-0.81	0.20	18.50	128	26.16	108	96	47	3	0	2	0	
	MOBILE	87	63	88	60	75	-2	0.01	-1.19	0.01	23.79	151	28.81	108	99	44	0	0	1	0	
AR	MONTGOMERY	89	65	92	59	77	2	0.29	-0.47	0.28	14.36	108	19.54	84	90	39	5	0	2	0	
	FORT SMITH	81	64	88	55	73	0	2.37	1.19	1.35	16.48	124	20.03	106	93	55	0	0	2	2	
AZ	LITTLE ROCK	83	64	89	55	74	-1	0.76	-0.22	0.61	11.31	78	18.81	86	90	49	0	0	2	1	
	FLAGSTAFF	71	33	76	22	52	-2	0.00	-0.14	0.00	3.41	88	7.86	97	48	10	0	3	0	0	
CA	PHOENIX	96	68	102	59	82	-3	0.00	-0.02	0.00	0.38	26	0.82	24	21	5	6	0	0	0	
	PRESCOTT	79	46	85	34	62	-2	0.00	-0.11	0.00	0.75	36	2.66	58	36	8	0	0	0	0	
	TUCSON	95	61	100	50	78	-1	0.00	-0.07	0.00	0.31	22	1.02	31	15	3	6	0	0	0	
	BAKERSFIELD	87	61	90	55	74	1	0.00	-0.02	0.00	0.92	47	1.97	45	46	17	2	0	0	0	
	EUREKA	58	45	60	41	51	-3	0.24	-0.12	0.16	3.17	30	12.16	54	96	81	0	0	2	0	
	FRESNO	88	60	90	55	74	2	0.00	-0.09	0.00	1.46	42	5.11	66	57	16	4	0	0	0	
CO	LOS ANGELES	69	57	75	54	63	-1	0.00	-0.04	0.00	1.31	46	3.20	36	87	56	0	0	0	0	
	REDDING	89	60	100	52	75	4	0.00	-0.41	0.00	3.07	35	9.18	46	56	13	3	0	0	0	
	SACRAMENTO	85	55	88	52	70	2	0.00	-0.13	0.00	1.08	23	4.49	38	82	24	0	0	0	0	
	SAN DIEGO	70	59	75	54	65	0	0.00	-0.02	0.00	1.61	59	3.50	50	78	54	0	0	0	0	
	SAN FRANCISCO	65	53	67	51	59	-2	0.00	-0.08	0.00	1.35	28	5.43	41	81	55	0	0	0	0	
	STOCKTON	83	52	87	48	67	-1	0.00	-0.11	0.00	1.00	27	5.91	66	81	25	0	0	0	0	
CT	ALAMOSA	73	32	79	23	52	-2	0.00	-0.12	0.00	1.61	96	2.11	92	77	11	0	5	0	0	
	CO SPRINGS	76	50	79	43	63	4	0.75	0.22	0.57	5.31	123	6.73	133	81	19	0	0	4	1	
	DENVER INTL	74	48	82	42	61	1	0.30	-0.20	0.30	7.65	165	8.66	158	89	27	0	0	1	0	
DC	GRAND JUNCTION	80	47	88	38	64	-1	0.00	-0.17	0.00	1.35	49	2.03	52	31	8	0	0	0	0	
	PUEBLO	80	51	84	44	65	2	0.32	-0.04	0.30	5.72	150	6.76	148	83	19	0	0	2	0	
	BRIDGEPORT	73	56	90	47	64	2	1.49	0.52	1.07	9.76	83	15.23	86	86	47	1	0	4	1	
DE	HARTFORD	73	51	90	44	62	0	2.43	1.31	1.37	9.88	87	15.57	89	87	45	1	0	5	2	
	WASHINGTON	81	63	94	51	72	3	2.90	1.96	1.15	9.30	91	15.74	100	81	52	2	0	4	3	
	WILMINGTON	77	60	94	49	68	3	2.45	1.54	1.22	10.06	90	16.33	97	87	52	1	0	4	2	
FL	DAYTONA BEACH	88	65	93	60	76	-1	0.21	-0.76	0.21	6.07	65	10.23	69	91	43	3	0	1	0	
	JACKSONVILLE	90	64	94	58	77	0	0.00	-0.70	0.00	7.68	87	15.54	101	96	38	6	0	0	0	
	KEY WEST	84	76	85	75	80	-1	0.01	-0.92	0.01	4.04	59	5.44	52	78	60	0	0	1	0	
GA	MIAMI	86	74	88	73	80	-1	0.00	-1.65	0.00	7.19	65	10.58	71	75	50	0	0	0	0	
	ORLANDO	91	67	94	63	79	0	0.00	-1.11	0.00	8.50	89	11.33	79	91	36	5	0	0	0	
	PENSACOLA	87	69	90	66	78	1	0.10	-0.89	0.10	23.18	165	28.87	121	94	48	1	0	1	0	
HI	TALLAHASSEE	92	63	93	60	77	0	0.08	-0.93	0.08	6.68	55	16.99	79	93	34	7	0	1	0	
	TAMPA	90	73	92	70	82	1	0.00	-0.62	0.00	4.46	64	9.00	75	76	44	4	0	0	0	
	WEST PALM BEACH	87	74	90	69	80	1	0.00	-1.44	0.00	3.76	30	6.66	36	75	48	1	0	0	0	
IA	ATHENS	91	64	95	59	78	5	0.16	-0.50	0.16	11.19	108	18.51	98	88	35	6	0	1	0	
	ATLANTA	87	66	91	56	76	4	0.33	-0.44	0.24	12.54	108	19.78	96	79	39	3	0	2	0	
	AUGUSTA	94	62	97	56	78	4	0.01	-0.72	0.01	8.71	92	19.96	115	93	28	6	0	1	0	
ID	COLUMBUS	89	64	93	59	77	1	1.02	0.31	1.02	12.26	102	20.47	101	90	35	4	0	1	1	
	MACON	92	61	95	56	77	2	0.73	0.02	0.71	9.30	93	16.83	90	95	33	6	0	2	1	
	SAVANNAH	92	67	94	62	80	4	0.00	-0.82	0.00	8.87	93	14.86	93	86	35	6	0	0	0	
IL	HILO	83	69	83	67	76	1	0.27	-1.21	0.07	40.09	122	68.75	133	90	61	0	0	6	0	
	HONOLULU	86	73	89	71	80	1	0.00	-0.11	0.00	4.44	136	9.17	121	77	46	0	0	0	0	
	KAHULUI	88	67	89	64	78	1	0.00	-0.11	0.00	8.90	187	13.17	138	85	47	0	0	0	0	
IN	LIHUE	83	70	84	68	76	0	0.09	-0.29	0.04	13.59	153	18.96	120	91	65	0	0	3	0	
	BURLINGTON	73	57	85	43	65	-2	0.72	-0.31	0.47	13.12	118	14.85	106	95	57	0	0	3	0	
	CEDAR RAPIDS	70	53	82	38	61	-2	0.83	-0.12	0.45	5.89	65	6.81	61	94	59	0	0	6	0	
KS	DES MOINES	74	54	83	41	64	-2	0.50	-0.53	0.42	6.63	62	8.01	62	93	51	0	0	3	0	
	DUBUQUE	69	52	82	34	61	-1	0.41	-0.54	0.19	6.39	64	8.23	65	93	60	0	0	5	0	
	SIOUX CITY	73	52	86	38	62	-2	0.45	-0.40	0.31	7.39	88	9.16	94	88	50	0	0	3	0	
LA	WATERLOO	72	53	85	35	62	-2	0.94	-0.11	0.87	5.88	58	7.94	66	91	50	0	0	3	1	
	BOISE	71	48	82	42	60	-2	0.14	-0.17	0.14	2.63	67	5.65	91	77	28	0	0	1	0	
	LEWISTON	74	50	81	43	62	1	0.05	-0.34	0.04	0.61	15	2.79	47	68	27	0	0	2	0	
MT	POCATELLO	70	40	77	34	55	-2	0.07	-0.28	0.05	2.95	77	4.91	84	73	23	0	0	2	0	
	CHICAGO/O'HARE	73	53	90	44	63	1	1.31	0.48	0.75	3.72	40	6.03	47	87	39	1	0	5	1	
	MOLINE	73	56	87	41	65	0	2.06	1.06	1.06	12.81	122	15.96	117	90	53	0	0	3	2	
ND	PEORIA	76	57	87	42	67	1	0.53	-0.41	0.29	13.90	132	18.16	129	89	48	0	0	3	0	
	ROCKFORD	73	54	88	38	64	0	0.67	-0.33	0.35	5.35	57	8.11	66	84	45	0	0	4	0	
	SPRINGFIELD	80	59	88	46	69	3	0.73	-0.26	0.36	13.62	135	18.07	131	96	46	0	0	4	0	
OH	EVANSVILLE	80	59	90	48	70	1	0.95	-0.25	0.66	10.40	76	18.03	90	93	51	1	0	4	1	
	FORT WAYNE	76	56	89	43	66	2	2.02	0.89	1.38	10.03	99									

Weather Data for the Week Ending May 29, 2021

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 MAR 1	PCT. NORMAL SINCE MAR 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
KY	WICHITA	74	59	85	49	66	-3	0.14	-0.95	0.06	7.70	81	10.59	91	94	65	0	0	4	0
	LEXINGTON	79	57	88	46	68	1	2.38	1.18	1.59	12.06	96	21.42	113	94	51	0	0	3	2
	LOUISVILLE	82	63	90	50	72	2	0.93	-0.20	0.81	11.28	85	20.93	107	87	47	3	0	4	1
LA	PADUCAH	82	61	92	50	72	2	1.62	0.60	1.60	14.35	107	22.93	109	89	47	2	0	2	1
	BATON ROUGE	86	67	90	63	77	-1	0.22	-0.56	0.22	28.42	267	35.77	166	96	52	1	0	1	0
	LAKE CHARLES	86	70	87	68	78	0	0.07	-1.25	0.05	30.03	255	34.83	170	99	61	0	0	2	0
MA	NEW ORLEANS	87	71	90	68	79	1	0.00	-1.16	0.00	34.65	257	41.25	172	89	51	2	0	0	0
	SHREVEPORT	87	68	89	61	77	1	1.28	0.15	0.63	19.46	149	25.48	116	87	50	0	0	4	1
	BOSTON	75	54	92	45	65	4	2.44	1.55	1.31	10.20	90	15.22	85	78	40	2	0	4	2
MD	WORCESTER	71	49	89	41	60	1	2.98	1.93	1.36	10.04	82	15.51	82	86	47	0	0	4	3
	BALTIMORE	81	58	95	50	69	3	2.53	1.56	0.94	9.30	86	16.19	97	86	50	2	0	4	2
	CARIBOU	68	40	86	31	54	-1	0.76	-0.05	0.31	8.11	98	11.87	90	81	31	0	1	3	0
ME	PORTLAND	70	49	88	43	59	3	0.68	-0.23	0.52	7.33	59	12.15	64	93	44	0	0	3	1
	ALPENA	68	41	88	31	54	-1	0.23	-0.41	0.23	6.31	94	7.73	79	90	38	0	2	1	0
	GRAND RAPIDS	71	48	86	37	59	-3	1.14	0.23	0.66	5.08	53	7.77	58	88	45	0	0	4	1
MI	HOUGHTON LAKE	69	43	83	30	56	-1	1.05	0.37	0.55	5.00	73	6.86	71	89	43	0	2	4	1
	LANSING	72	48	90	37	60	-1	0.86	0.07	0.38	4.45	54	7.38	65	89	46	1	0	6	0
	MUSKEGON	71	48	82	39	60	0	1.46	0.74	0.75	4.10	50	7.31	60	85	43	0	0	6	1
MN	TRAVERSE CITY	70	48	88	33	59	2	0.85	0.27	0.57	5.10	72	5.80	51	86	40	0	0	4	1
	DULUTH	59	37	83	29	48	-6	0.83	0.08	0.79	6.84	99	7.93	91	85	47	0	3	2	1
	INT. L FALLS	65	35	82	24	50	-5	0.00	-0.71	0.00	4.25	82	4.94	78	85	36	0	3	0	0
MO	MINNEAPOLIS	72	53	87	39	62	0	1.72	0.98	0.97	8.51	110	9.89	105	90	39	0	0	5	1
	ROCHESTER	69	51	86	37	60	0	1.59	0.76	0.97	6.49	76	8.16	79	88	52	0	0	3	2
	ST. CLOUD	69	44	87	33	56	-3	1.17	0.49	0.60	7.65	111	8.82	108	93	40	0	0	4	2
MS	COLUMBIA	77	60	87	48	69	2	0.91	-0.17	0.54	15.78	130	19.97	123	92	58	0	0	4	1
	KANSAS CITY	77	60	88	49	68	1	1.07	-0.10	1.05	13.17	120	16.17	119	88	55	0	0	2	1
	SAINT LOUIS	81	62	89	48	72	2	1.03	-0.10	0.83	11.57	101	17.01	106	84	45	0	0	3	1
MT	SPRINGFIELD	75	60	84	47	68	0	1.69	0.63	1.53	21.62	169	26.79	151	97	63	0	0	3	1
	JACKSON	87	64	91	59	75	0	0.00	-1.01	0.00	18.70	132	24.47	102	87	44	1	0	0	0
	MERIDIAN	85	60	89	53	72	-1	0.09	-0.93	0.09	22.99	159	30.62	121	98	47	0	0	1	0
NC	TUPELO	86	65	92	57	75	2	0.14	-1.04	0.10	20.32	136	28.90	118	86	44	4	0	2	0
	BILLINGS	68	45	73	42	56	-2	0.09	-0.43	0.06	3.11	65	4.41	76	79	32	0	0	3	0
	BUTTE	57	33	68	26	45	-5	0.39	-0.19	0.25	2.05	53	2.91	60	86	34	0	3	3	0
ND	CUT BANK	58	37	73	32	48	-5	0.42	-0.17	0.36	2.12	68	2.25	63	89	47	0	2	3	0
	GLASGOW	62	43	74	40	52	-6	0.25	-0.28	0.12	1.78	58	1.97	52	84	47	0	0	3	0
	GREAT FALLS	59	38	73	33	49	-6	1.22	0.53	1.02	5.84	128	6.72	120	85	46	0	0	4	1
NE	HAVRE	63	41	74	36	52	-5	0.43	-0.06	0.30	3.23	107	4.06	109	88	47	0	0	3	0
	MISSOULA	63	40	76	33	51	-5	1.97	1.39	0.98	3.22	78	4.94	87	79	35	0	0	5	2
	ASHEVILLE	84	57	88	53	71	5	0.47	-0.37	0.47	14.46	137	21.85	122	97	42	0	0	1	0
NJ	CHARLOTTE	91	64	93	58	77	7	0.17	-0.60	0.14	7.75	77	16.67	100	90	37	5	0	3	0
	GREENSBORO	87	64	90	52	76	6	0.98	0.17	0.97	8.99	87	18.35	112	86	44	2	0	2	1
	HATTERAS	84	72	87	71	78	8	0.38	-0.41	0.35	6.61	56	20.65	98	91	62	0	0	3	0
NM	RALEIGH	90	64	94	53	77	6	0.40	-0.41	0.31	4.02	40	15.08	90	93	42	5	0	3	0
	WILMINGTON	94	70	98	66	82	9	0.05	-1.11	0.04	4.13	36	14.36	77	88	36	6	0	2	0
	BISMARCK	65	44	81	32	55	-4	0.43	-0.17	0.22	2.01	46	2.43	45	91	48	0	1	3	0
NV	DICKINSON	60	41	74	33	51	-6	2.24	1.69	1.47	4.15	95	4.15	82	91	52	0	0	4	1
	FARGO	69	43	86	31	56	-4	0.16	-0.52	0.08	2.11	40	2.70	41	88	36	0	1	2	0
	GRAND FORKS	66	41	82	29	53	-5	0.30	-0.35	0.18	3.43	76	3.87	69	85	36	0	2	3	0
NY	JAMESTOWN	65	43	83	30	54	-5	0.48	-0.15	0.33	2.18	48	2.55	46	84	43	0	1	3	0
	GRAND ISLAND	74	55	86	47	64	0	0.87	-0.20	0.46	11.24	133	12.82	132	89	49	0	0	3	0
	LINCOLN	77	55	86	48	66	0	1.19	0.25	0.94	9.36	108	11.02	109	88	48	0	0	3	1
OH	NORFOLK	72	53	87	45	62	-1	0.46	-0.49	0.31	8.68	108	9.49	100	86	52	0	0	2	0
	NORTH PLATTE	72	49	81	43	60	-1	0.91	0.09	0.67	9.52	149	11.33	155	90	54	0	0	3	1
	OMAHA	76	55	85	44	66	0	1.03	-0.06	0.97	9.09	96	11.30	102	91	50	0	0	4	1
PA	SCOTTSBLUFF	76	45	82	39	60	0	0.49	-0.18	0.49	3.98	77	4.97	80	94	51	0	0	1	0
	VALENTINE	72	48	84	42	60	-1	0.93	0.19	0.67	8.03	130	9.18	131	88	45	0	0	3	1
	CONCORD	74	47	92	42	60	1	0.94	0.07	0.43	6.03	60	10.51	68	89	40	1	0	4	0
RI	ATLANTIC_CITY	74	58	94	49	66	2	1.43	0.63	0.55	9.54	87	18.02	106	90	55	1	0	3	2
	NEWARK	78	59	94	48	68	3	1.81	0.81	1.27	8.70	71	15.83	85	76	39	2	0	3	1
	ALBUQUERQUE	85	55	89	44	70	1	0.00	-0.12	0.00	0.68	40	1.29	50	32	5	0	0	0	0
TN	ELY	70	33	78	24	51	-2	0.00	-0.25	0.00	2.09	69	3.13	70	64	19	0	3	0	0
	LAS VEGAS	91	68	98	55	80	-1	0.00	-0.04	0.00	0.61	79	0.71	33	23	7	5	0	0	0
	RENO	76	47	83	39	62	0	0.01	-0.11	0.01	0.20	11	1.59	41	59	15	0	0	1	0
UT	WINNEMUCCA	75	41	83	34	58	1	0.28	0.03	0.24	2.06	72	4.15	95	76	16	0	0	2	0
	ALBANY	69	47	87	38	58	-3	0.83	-0.05	0.62	8.09	83	11.75	81	95	54	0	0	3	1
	BINGHAMTON	67	47	85	38	57	-2	2.38	1.55	1.13	11.59	119	16.03	111	96	60	0	0	3	2
VT	BUFFALO	71	51	83	40	61	1	0.56	-0.28	0.56	4.43	48	7.52	51	82	45	0	0	1	1
	ROCHESTER	70	49	88	40	60	0	0.66	0.00	0.56	5.59	71	8.99	73	89	42	0	0	2	1
	SYRACUSE	73	51	90	44	62	1	0.78	0.03	0.54	6.20	68</								

Weather Data for the Week Ending May 29, 2021

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 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	76	56	91	43	66	3	1.74	0.90	0.98	8.65	96	11.95	91	86	45	2	0	3	1
	YOUNGSTOWN	73	56	88	45	65	4	1.18	0.27	0.72	8.24	84	11.65	80	93	56	0	0	5	1
	OKLAHOMA CITY	78	60	87	54	69	-4	0.29	-0.81	0.20	7.11	68	9.33	69	94	63	0	0	3	0
	TULSA	78	63	88	53	71	-1	1.22	-0.11	1.15	11.32	90	14.41	89	93	62	0	0	3	1
OR	ASTORIA	60	49	70	41	55	0	0.63	-0.06	0.31	7.40	47	35.62	107	94	64	0	0	5	0
	BURNS	68	37	75	33	52	-1	0.46	0.15	0.39	1.68	52	5.09	93	87	28	0	0	2	0
	EUGENE	69	44	80	40	57	0	0.38	-0.24	0.24	3.27	30	12.80	55	92	45	0	0	3	0
	MEDFORD	78	49	88	45	64	1	0.00	-0.28	0.00	1.81	41	5.46	62	68	21	0	0	0	0
PA	PENDLETON	73	46	78	39	59	-1	0.01	-0.32	0.01	0.95	25	3.91	62	78	28	0	0	1	0
	PORTLAND	68	52	82	48	60	-1	0.43	-0.16	0.19	2.49	28	13.36	77	85	46	0	0	3	0
	SALEM	69	50	82	46	59	1	0.35	-0.17	0.17	4.43	49	17.31	89	83	42	0	0	3	0
	ALLENTOWN	76	55	91	45	65	3	1.75	0.75	1.25	7.09	66	13.48	82	85	45	2	0	3	1
	ERIE	71	56	87	44	64	3	1.28	0.48	0.86	6.07	64	11.79	79	83	53	0	0	3	1
	MIDDLETOWN	77	59	93	49	68	3	1.29	0.44	0.74	7.60	76	13.95	92	82	46	2	0	3	1
	PHILADELPHIA	77	60	92	48	68	1	2.22	1.37	0.93	9.69	90	16.08	98	85	47	2	0	3	3
	PITTSBURGH	75	58	87	47	67	4	0.78	-0.21	0.49	8.92	92	13.03	88	95	55	0	0	4	0
	WILKES-BARRE	74	54	91	46	64	3	1.39	0.56	0.87	8.31	91	13.14	97	87	48	1	0	4	1
	WILLIAMSPORT	74	54	91	46	64	1	1.33	0.48	0.85	7.67	80	12.88	88	88	47	1	0	3	1
RI	PROVIDENCE	73	52	90	45	63	1	1.94	1.08	1.09	10.86	85	16.33	82	86	46	1	0	3	2
	CHARLESTON	91	68	94	64	80	5	1.67	0.89	1.65	7.03	75	16.07	100	88	41	6	0	2	1
SC	COLUMBIA	93	65	96	59	79	5	0.04	-0.69	0.04	6.80	75	18.41	113	82	30	6	0	1	0
	FLORENCE	94	66	96	61	80	6	0.07	-0.79	0.07	4.29	48	16.67	111	81	31	6	0	1	0
	GREENVILLE	89	63	92	60	76	5	0.62	-0.21	0.56	11.79	104	20.38	106	84	33	5	0	2	1
	ABERDEEN	69	46	91	35	58	-2	0.66	0.00	0.47	4.82	81	5.41	77	90	42	1	0	4	0
SD	HURON	70	48	88	43	59	-2	0.89	0.15	0.66	3.80	57	4.53	58	92	48	0	0	5	1
	RAPID CITY	64	42	75	39	53	-5	1.17	0.43	0.82	3.76	65	4.36	66	90	52	0	0	2	1
	SIOUX FALLS	72	51	86	42	61	0	0.93	0.14	0.69	6.38	80	7.75	85	85	49	0	0	2	1
	BRISTOL	84	59	90	53	72	5	1.10	0.24	1.04	10.28	100	18.77	110	95	43	1	0	2	1
TN	CHATTANOOGA	88	65	93	57	76	5	0.03	-0.82	0.03	16.62	129	24.75	109	86	38	4	0	1	0
	KNOXVILLE	85	64	90	53	74	5	1.30	0.35	1.28	13.80	109	20.69	97	92	43	2	0	2	1
	MEMPHIS	83	65	89	55	74	0	0.56	-0.54	0.37	16.23	103	26.45	110	85	49	0	0	2	0
	NASHVILLE	84	61	93	53	72	2	1.25	0.11	0.98	19.13	144	26.32	125	89	47	3	0	3	1
TX	ABILENE	85	66	89	62	76	0	1.57	0.72	1.56	10.69	170	12.27	141	92	57	0	0	2	1
	AMARILLO	80	60	87	54	70	2	0.10	-0.56	0.06	5.78	117	6.75	108	94	49	0	0	2	0
	AUSTIN	87	70	91	66	78	-1	1.73	0.62	1.32	11.21	125	13.78	104	89	56	2	0	5	1
	BEAUMONT	85	71	89	69	78	0	0.43	-0.76	0.32	18.90	163	24.45	119	98	64	0	0	3	0
UT	BROWNSVILLE	89	76	91	73	83	1	0.57	-0.07	0.35	5.64	107	6.74	88	89	62	3	0	3	0
	CORPUS CHRISTI	86	73	88	69	80	0	0.72	-0.05	0.58	13.62	207	15.35	152	99	72	0	0	3	1
	DEL RIO	94	75	99	66	85	4	0.51	-0.19	0.51	4.19	77	4.82	71	81	43	7	0	1	1
	EL PASO	94	64	98	60	79	3	0.00	-0.12	0.00	0.41	39	1.13	58	32	6	7	0	0	0
	FORT WORTH	84	69	91	66	76	-1	1.00	-0.08	0.50	12.85	116	15.96	100	92	56	2	0	3	0
	GALVESTON	84	76	86	71	80	0	0.52	0.00	0.32	9.30	0	11.51	0	87	68	0	0	3	0
	HOUSTON	86	71	91	69	78	-1	2.78	1.62	2.63	15.04	131	19.15	106	92	64	2	0	5	1
	LUBBOCK	84	60	92	52	72	-1	2.68	2.04	1.92	7.10	153	8.34	137	89	43	1	0	4	2
	MIDLAND	89	65	93	59	77	1	0.24	-0.27	0.16	3.11	108	3.62	87	91	38	3	0	5	0
	SAN ANGELO	91	68	96	62	80	3	0.12	-0.66	0.10	3.57	64	5.09	64	83	41	5	0	2	0
VA	SAN ANTONIO	85	70	89	63	78	-1	2.80	1.80	1.30	12.29	151	14.59	125	95	62	0	0	5	2
	VICTORIA	87	72	89	67	79	0	1.87	0.67	1.13	25.41	243	26.95	179	94	65	0	0	5	2
	WACO	84	68	90	64	76	-1	1.43	0.42	0.75	8.92	90	11.57	79	92	63	1	0	4	1
	WICHITA FALLS	80	64	90	62	72	-3	1.28	0.33	0.63	9.67	116	11.09	99	99	66	1	0	5	1
WY	SALT LAKE CITY	75	50	83	43	63	0	0.43	0.04	0.43	3.86	68	6.38	78	61	17	0	0	1	0
	LYNCHBURG	86	61	93	50	74	8	1.11	0.19	0.81	7.55	73	15.54	95	90	49	2	0	3	1
	NORFOLK	88	68	99	59	78	9	1.70	0.87	1.63	6.66	65	16.58	99	84	45	3	0	2	1
	RICHMOND	86	64	95	52	75	6	1.10	0.18	0.76	6.89	63	15.44	93	88	46	4	0	2	1
WI	ROANOKE	84	64	93	51	74	7	1.14	0.12	0.67	6.70	63	15.12	92	84	46	2	0	3	1
	WASH/DULLES	80	59	92	50	70	4	1.79	0.72	0.57	7.31	66	13.40	81	88	53	2	0	4	2
	BURLINGTON	73	49	87	42	61	1	0.13	-0.71	0.09	6.20	75	9.40	78	77	35	0	0	2	0
	OLYMPIA	64	48	75	41	56	0	0.70	0.18	0.54	5.64	51	24.85	102	92	56	0	0	3	1
WV	QUILLAYUTE	58	46	67	37	52	-1	1.39	0.35	1.09	13.75	58	40.27	83	99	69	0	0	4	1
	SEATTLE-TACOMA	64	49	72	47	56	-1	0.53	0.09	0.41	4.68	57	17.80	103	92	55	0	0	2	0
	SPOKANE	69	44	72	37	56	-1	0.08	-0.35	0.08	0.68	15	4.22	55	76	27	0	0	1	0
	YAKIMA	75	45	78	37	60	0	0.00	-0.15	0.00	0.17	9	2.53	68	70	23	0	0	0	0
WY	EAU CLAIRE	70	49	86	32	60	-1	1.35	0.54	0.80	5.36	69	6.01	63	88	42	0	1	3	1
	GREEN BAY	69	47	85	35	58	0	0.57	-0.17	0.48	4.85	67	6.28	66	86	48	0	0	3	0
	LA CROSSE	73	53	87	35	63	0	2.09	1.28	1.05	7.51	87	9.04	83	86	46	0	0	4	2
	MADISON	69	48	83	33	59	-1	0.91	0.06	0.59	5.04	57	6.98	60	91	49	0	0	3	1
WY	MILWAUKEE	69	51	87	44	60	1	1.22	0.41	0.58	4.17	46	7.33	59	88	50	0	0	3	2
	BECKLEY	77	58	85	47	67	5	0.56	-0.54	0.49	8.68	77	17.30	102	96	56	0	0	3	0
	CHARLESTON	81	58	90	48	70	4	1.53	0.39	1.50	8.48	73	15.39	86	98	47	1	0		

National Agricultural Summary

May 24 – 30, 2021

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Most of the western one-third of the nation remained drier than normal, as did much of the central Gulf Coast region, northern New England, and the lower Southeast. In contrast, higher-than-normal amounts of rain were recorded in large parts of the Great Lakes, Great Plains, mid-Atlantic, Mississippi Valley, Pacific Northwest, Northeast, northern Rockies,

and Texas. Meanwhile, most of the county was cooler than normal. Portions of the northern Great Plains and the northern Rockies recorded temperatures 6°F or more below normal. In contrast, above-normal temperatures were recorded in much of the mid-Atlantic and Southeast. Large sections of the Carolinas recorded temperatures 6°F or more above normal.

Corn: By May 30, producers had planted 95 percent of the nation's corn, 3 percentage points ahead of last year and 8 points ahead of the 5-year average. Corn planting progress was at or ahead of average in 16 of the 18 estimating states. Eighty-one percent of the nation's corn acreage had emerged by May 30, five percentage points ahead of the previous year and 11 points ahead of average. On May 30, seventy-six percent of the nation's corn was rated in good to excellent condition, 2 percentage points above the previous year.

Soybean: Eighty-four percent of the nation's soybean acreage was planted by May 30, ten percentage points ahead of last year and 17 points ahead of the 5-year average. By the end of the week, soybean planting progress was ahead of average in 16 of the 18 estimating states. Sixty-two percent of the nation's soybeans had emerged by May 30, twelve percentage points ahead of last year and 20 points ahead of average.

Winter Wheat: By May 30, seventy-nine percent of the nation's winter wheat was headed, 3 percentage points ahead of the previous year and 1 point ahead of the 5-year average. On May 30, forty-eight percent of the 2021 winter wheat crop was reported in good to excellent condition, 1 percentage point above the previous week but 3 points below the same time last year. In Kansas, the largest winter wheat-producing state, 61 percent of the winter wheat was rated in good to excellent condition.

Cotton: Nationwide, 64 percent of the cotton was planted by May 30, equal to the previous year but 1 percentage point behind the 5-year average. In Texas, 54 percent of the 2021 cotton acreage was planted by May 30, seven percentage points behind last year and 2 points behind average. Six percent of the nation's cotton had reached the squaring stage by May 30, two percentage points behind last year and 1 point behind average. On May 30, forty-three percent of the 2021 cotton acreage was rated in good to excellent condition, 1 percentage point below last year.

Sorghum: Forty-one percent of the nation's sorghum acreage was planted by May 30, seven percentage points behind the previous year and 4 points behind the 5-year average. Texas had planted 82 percent of its sorghum by May 30, five percentage points behind last year and 3 points behind average.

Rice: By May 30, eighty-six percent of the nation's rice had emerged, 6 percentage points ahead of last year and 3 points ahead

of the 5-year average. On May 30, seventy-four percent of the nation's rice was rated in good to excellent condition, 3 percentage points above the previous week and 5 points above the same time last year.

Small Grains: Ninety-one percent of the nation's oat acreage had emerged by May 30, six percentage points ahead of last year and five points ahead of the 5-year average. Thirty-one percent of the nation's oats had headed by May 30, four percentage points ahead of last year and 3 points ahead of average. On May 30, fifty-five percent of the nation's oats were rated in good to excellent condition, 2 percentage points above the previous week but 16 points below the same time last year.

Ninety-five percent of the nation's barley was planted by May 30, three percentage points ahead of last year and 1 point ahead of the 5-year average. Seventy-nine percent of the nation's barley had emerged by May 30, seven percentage points ahead of the previous year and 3 points ahead of average. On May 30, forty-eight percent of the nation's barley was rated in good to excellent condition, 1 percentage point above the previous week but 21 points below the same time last year.

By May 30, ninety-seven percent of the nation's spring wheat had been seeded, 7 percentage points ahead of last year and 4 points ahead of the 5-year average. Planting progress was ahead of average in all six estimating states. By May 30, eighty percent of the nation's spring wheat had emerged, 15 percentage points ahead of the previous year and 7 points ahead of average. On May 30, forty-three percent of the nation's spring wheat was rated in good to excellent condition, 2 percentage points below the previous week and 37 points below the same time last year.

Other Crops: Nationally, producers had planted 77 percent of the 2021 peanut acreage by May 30, one percentage point ahead of the previous year but 3 points behind the 5-year average. Producers in Georgia, the largest peanut-producing state, had planted 82 percent of the intended acreage by week's end, 3 percentage points ahead of the previous year but 1 point behind average. On May 30, sixty-five percent of the nation's peanuts were rated in good to excellent condition, 3 percentage points below the same time last year.

Forty-two percent of the nation's intended 2021 sunflower acreage was planted by May 30, thirteen percentage points ahead of last year and 7 points ahead of the 5-year average.

Crop Progress and Condition

Week Ending May 30, 2021

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

Corn Percent Planted				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
CO	96	64	84	89
IL	92	90	95	84
IN	86	82	94	76
IA	98	97	99	94
KS	91	76	83	88
KY	85	85	92	88
MI	81	88	95	73
MN	99	98	99	92
MO	92	90	92	91
NE	99	95	97	95
NC	100	97	100	98
ND	72	84	93	85
OH	78	76	92	72
PA	75	77	85	74
SD	94	93	98	82
TN	89	94	98	95
TX	96	93	95	95
WI	93	90	95	82
18 Sts	92	90	95	87
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Emerged				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
CO	81	32	54	64
IL	75	74	86	72
IN	70	55	76	59
IA	91	75	87	80
KS	72	56	66	71
KY	71	64	77	74
MI	49	53	79	42
MN	89	77	89	76
MO	84	77	83	84
NE	86	62	84	78
NC	93	92	96	94
ND	24	41	63	48
OH	52	38	70	50
PA	32	29	50	47
SD	68	55	82	57
TN	77	78	87	88
TX	95	85	88	86
WI	69	58	77	56
18 Sts	76	64	81	70
These 18 States planted 92% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	0	4	18	59	19
IL	1	3	16	67	13
IN	1	3	22	65	9
IA	0	1	18	62	19
KS	2	5	19	65	9
KY	1	2	11	74	12
MI	1	4	32	50	13
MN	0	2	22	62	14
MO	2	6	30	59	3
NE	1	1	10	63	25
NC	3	11	23	53	10
ND	3	7	42	44	4
OH	0	2	19	71	8
PA	0	2	15	66	17
SD	0	2	31	63	4
TN	1	4	21	54	20
TX	0	2	24	49	25
WI	0	3	16	63	18
18 Sts	1	3	20	62	14
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	1	3	22	61	13

Soybeans Percent Planted				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
AR	65	71	81	74
IL	73	80	89	65
IN	75	69	86	61
IA	95	89	93	78
KS	61	51	58	46
KY	51	55	66	47
LA	87	58	79	91
MI	74	82	91	58
MN	94	97	99	81
MS	85	83	89	86
MO	48	44	49	53
NE	94	85	94	80
NC	54	52	60	51
ND	48	75	88	73
OH	64	66	84	56
SD	77	83	92	63
TN	48	55	66	57
WI	87	83	91	65
18 Sts	74	75	84	67
These 18 States planted 96% of last year's soybean acreage.				

Soybeans Percent Emerged				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
AR	55	55	67	63
IL	48	60	74	46
IN	55	41	63	40
IA	73	53	72	49
KS	44	27	40	31
KY	38	32	45	30
LA	78	44	56	84
MI	46	41	67	30
MN	69	49	81	48
MS	72	67	76	75
MO	29	27	38	35
NE	71	44	69	50
NC	41	37	47	37
ND	11	19	45	28
OH	39	28	58	33
SD	40	28	65	32
TN	30	33	47	36
WI	49	38	63	33
18 Sts	50	41	62	42
These 18 States planted 96% of last year's soybean acreage.				

Sorghum Percent Planted				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
CO	40	11	26	29
KS	25	12	17	18
NE	77	28	45	58
OK	31	21	30	37
SD	44	39	65	42
TX	87	75	82	85
6 Sts	48	33	41	45
These 6 States planted 100% of last year's sorghum acreage.				

Sunflowers Percent Planted				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
CO	38	10	18	16
KS	32	14	27	16
ND	37	30	56	51
SD	21	18	35	24
4 Sts	29	22	42	35
These 4 States planted 87% of last year's sunflower acreage.				

Crop Progress and Condition

Week Ending May 30, 2021

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

Cotton Percent Planted				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
AL	90	68	89	85
AZ	99	92	95	98
AR	88	71	92	94
CA	94	90	95	93
GA	72	61	78	75
KS	70	39	66	46
LA	92	50	63	94
MS	81	67	83	83
MO	43	85	98	78
NC	62	63	80	75
OK	14	24	39	37
SC	71	73	85	78
TN	62	70	92	84
TX	61	40	54	56
VA	71	65	80	78
15 Sts	64	49	64	65
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Squaring				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
AL	0	NA	0	1
AZ	27	9	19	17
AR	0	NA	0	3
CA	0	NA	0	1
GA	2	NA	1	3
KS	0	NA	0	0
LA	3	NA	0	4
MS	0	NA	0	1
MO	0	NA	0	2
NC	0	NA	0	1
OK	0	NA	0	0
SC	0	NA	0	0
TN	2	0	3	3
TX	13	5	10	10
VA	1	NA	0	1
15 Sts	8	NA	6	7
These 15 States planted 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	1	22	68	9
AZ	0	0	29	53	18
AR	0	0	10	58	32
CA	0	0	15	85	0
GA	0	3	23	69	5
KS	2	5	48	41	4
LA	1	2	14	82	1
MS	0	3	16	69	12
MO	0	7	25	68	0
NC	0	5	42	48	5
OK	0	0	5	95	0
SC	3	23	19	51	4
TN	4	8	17	57	14
TX	2	28	50	17	3
VA	0	3	12	84	1
15 Sts	1	18	38	38	5
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	1	7	48	39	5

Oats Percent Emerged				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
IA	98	96	98	96
MN	88	85	92	85
NE	94	94	96	93
ND	45	52	72	63
OH	83	88	94	85
PA	81	65	75	87
SD	94	84	94	87
TX	100	100	100	100
WI	84	83	91	77
9 Sts	85	83	91	86
These 9 States planted 72% of last year's oat acreage.				

Oats Percent Headed				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
IA	4	8	21	12
MN	7	0	2	3
NE	14	9	29	22
ND	0	0	0	0
OH	4	3	19	6
PA	0	0	2	4
SD	3	2	18	4
TX	100	100	100	100
WI	3	1	13	1
9 Sts	27	24	31	28
These 9 States planted 72% of last year's oat acreage.				

Oat Condition by Percent					
	VP	P	F	G	EX
IA	1	2	27	54	16
MN	1	3	27	58	11
NE	2	5	43	44	6
ND	10	18	46	25	1
OH	0	1	27	62	10
PA	0	2	27	59	12
SD	0	6	41	53	0
TX	10	19	31	38	2
WI	0	2	14	63	21
9 Sts	4	9	32	48	7
Prev Wk	4	10	33	47	6
Prev Yr	1	3	25	59	12

Spring Wheat Percent Planted				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
ID	99	99	100	96
MN	95	100	100	96
MT	96	87	94	93
ND	83	94	97	92
SD	99	99	100	96
WA	100	100	100	99
6 Sts	90	94	97	93
These 6 States planted 100% of last year's spring wheat acreage.				

Spring Wheat Percent Emerged				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
ID	94	82	94	85
MN	68	93	97	81
MT	81	58	74	69
ND	49	58	76	69
SD	89	87	93	87
WA	90	86	93	89
6 Sts	65	66	80	73
These 6 States planted 100% of last year's spring wheat acreage.				

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	0	11	62	18	9
MN	0	2	18	64	16
MT	1	10	30	59	0
ND	6	21	42	27	4
SD	0	9	46	45	0
WA	13	38	33	16	0
6 Sts	4	16	37	39	4
Prev Wk	2	12	41	41	4
Prev Yr	1	1	18	72	8

Crop Progress and Condition

Week Ending May 30, 2021

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

Winter Wheat Percent Headed				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
AR	99	91	95	100
CA	99	100	100	100
CO	64	25	56	67
ID	16	6	19	24
IL	85	90	95	91
IN	70	52	74	80
KS	93	84	95	94
MI	18	14	51	23
MO	94	91	96	95
MT	0	2	5	6
NE	38	28	49	57
NC	98	97	98	98
OH	69	46	78	75
OK	99	98	100	99
OR	80	65	79	70
SD	21	9	34	27
TX	100	95	100	98
WA	51	25	51	53
18 Sts	76	67	79	78
These 18 States planted 90% of last year's winter wheat acreage.				

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	0	7	22	54	17
CA	0	5	10	30	55
CO	4	11	35	41	9
ID	3	17	40	30	10
IL	2	2	9	60	27
IN	1	3	23	59	14
KS	4	10	25	49	12
MI	2	7	25	57	9
MO	0	6	37	53	4
MT	4	17	33	36	10
NE	5	9	33	44	9
NC	2	19	46	30	3
OH	0	1	22	57	20
OK	1	6	36	54	3
OR	31	32	27	10	0
SD	5	21	43	31	0
TX	13	23	41	21	2
WA	7	17	42	34	0
18 Sts	6	13	33	40	8
Prev Wk	5	13	35	39	8
Prev Yr	6	13	30	43	8

Rice Percent Emerged				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
AR	80	81	89	88
CA	67	45	65	51
LA	94	85	91	97
MS	74	81	90	84
MO	64	85	96	81
TX	97	87	89	92
6 Sts	80	76	86	83
These 6 States planted 100% of last year's rice acreage.				

Peanuts Percent Planted				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
AL	82	61	84	78
FL	92	80	89	88
GA	79	66	82	83
NC	59	55	73	70
OK	24	35	41	59
SC	80	83	89	84
TX	60	21	39	72
VA	87	75	83	77
8 Sts	76	61	77	80
These 8 States planted 96% of last year's peanut acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	0	2	21	57	20
CA	0	0	10	80	10
LA	0	0	45	52	3
MS	0	0	10	84	6
MO	0	5	30	53	12
TX	1	1	46	40	12
6 Sts	0	1	25	60	14
Prev Wk	0	3	26	58	13
Prev Yr	0	2	29	55	14

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	1	22	58	19
FL	3	3	46	48	0
GA	0	2	26	60	12
NC	0	2	30	63	5
OK	0	0	7	93	0
SC	3	19	27	48	3
TX	1	25	25	41	8
VA	0	3	15	81	1
8 Sts	1	6	28	55	10
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	2	6	24	65	3

Crop Progress and Condition

Week Ending May 30, 2021

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

Barley Percent Planted				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
ID	98	99	100	97
MN	96	95	95	96
MT	95	83	89	93
ND	80	93	97	92
WA	100	99	100	96
5 Sts	92	91	95	94
These 5 States planted 81% of last year's barley acreage.				

Barley Percent Emerged				
	Prev Year	Prev Week	May 30 2021	5-Yr Avg
ID	90	77	90	86
MN	74	85	89	81
MT	80	58	71	73
ND	40	55	76	68
WA	85	82	91	80
5 Sts	72	64	79	76
These 5 States planted 81% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	0	4	55	27	14
MN	0	2	15	66	17
MT	1	8	28	63	0
ND	7	17	46	28	2
WA	9	31	36	24	0
5 Sts	3	10	39	43	5
Prev Wk	1	10	42	40	7
Prev Yr	0	1	30	61	8

Pasture and Range Condition by Percent Week Ending May 30, 2021												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	1	2	22	73	2		NH	0	18	32	27	23
AZ	76	12	7	5	0		NJ	0	11	54	35	0
AR	2	8	31	46	13		NM	25	36	21	8	10
CA	30	20	30	20	0		NY	1	5	24	46	24
CO	1	18	53	18	10		NC	4	12	53	30	1
CT	0	0	50	50	0		ND	36	31	24	9	0
DE	1	4	86	7	2		OH	0	2	16	71	11
FL	8	35	34	18	5		OK	1	6	36	53	4
GA	4	12	34	45	5		OR	41	17	27	15	0
ID	6	15	56	22	1		PA	0	4	27	57	12
IL	1	1	24	43	31		RI	0	10	80	10	0
IN	1	4	23	58	14		SC	9	14	30	34	13
IA	4	12	30	41	13		SD	6	34	42	16	2
KS	1	5	26	56	12		TN	2	10	31	48	9
KY	1	3	18	63	15		TX	13	19	27	30	11
LA	0	8	35	56	1		UT	27	42	30	1	0
ME	0	55	13	32	0		VT	0	0	0	35	65
MD	4	9	13	59	15		VA	4	21	39	35	1
MA	0	10	80	10	0		WA	43	30	23	4	0
MI	2	14	40	36	8		WV	1	8	25	60	6
MN	3	12	40	41	4		WI	1	4	22	51	22
MS	1	6	39	47	7		WY	12	26	35	26	1
MO	2	3	18	71	6		48 Sts	18	21	30	25	6
MT	25	31	30	13	1							
NE	2	5	45	34	14		Prev Wk	18	21	33	24	4
NV	25	15	60	0	0		Prev Yr	4	12	33	42	9

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

NA - Not Available
* Revised

Crop Progress and Condition

Week Ending May 30, 2021

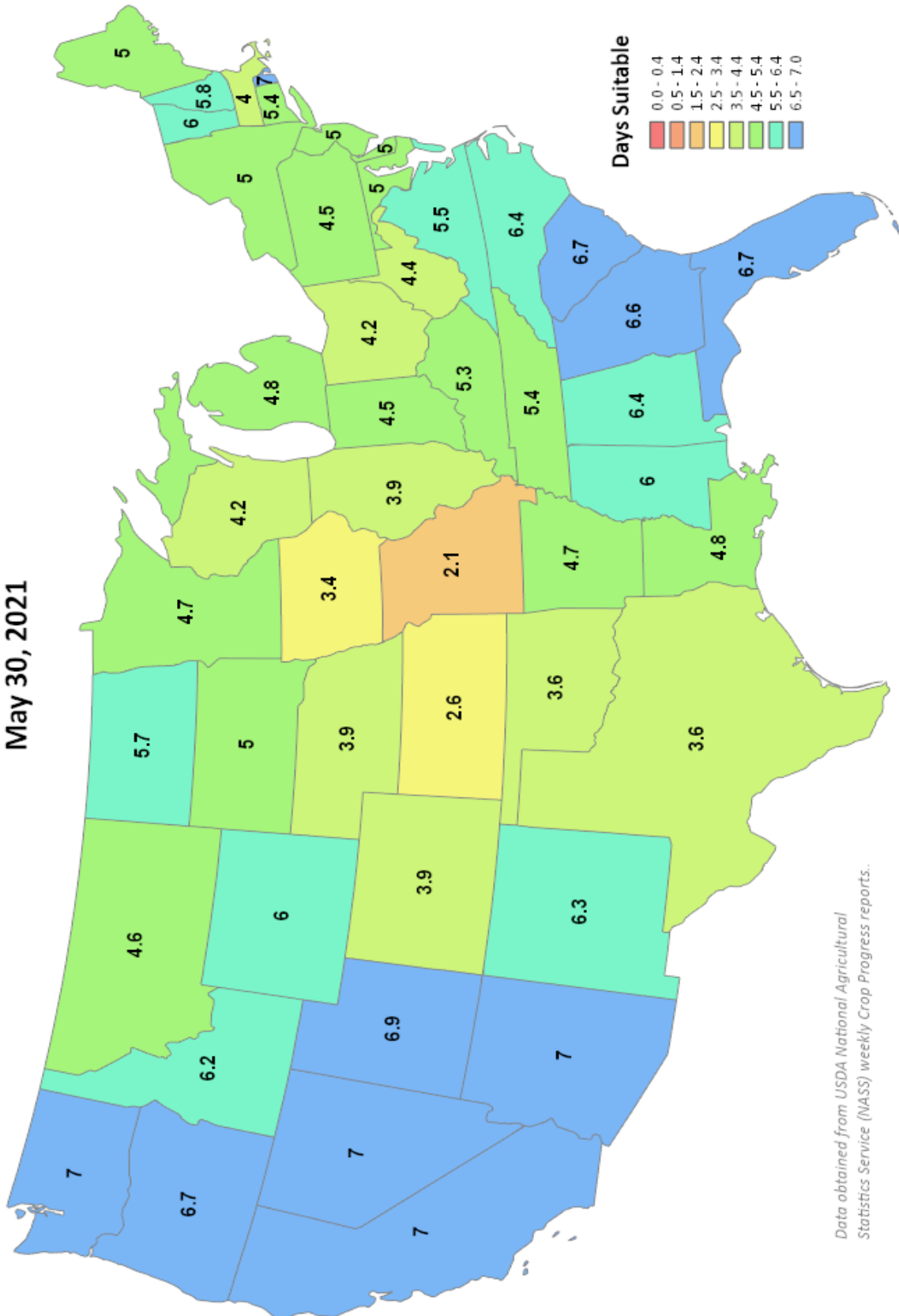
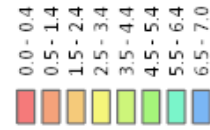
Weekly U.S. Progress and Condition Data provided by USDA/NASS

Days Suitable for Fieldwork

Week Ending

May 30, 2021

Days Suitable

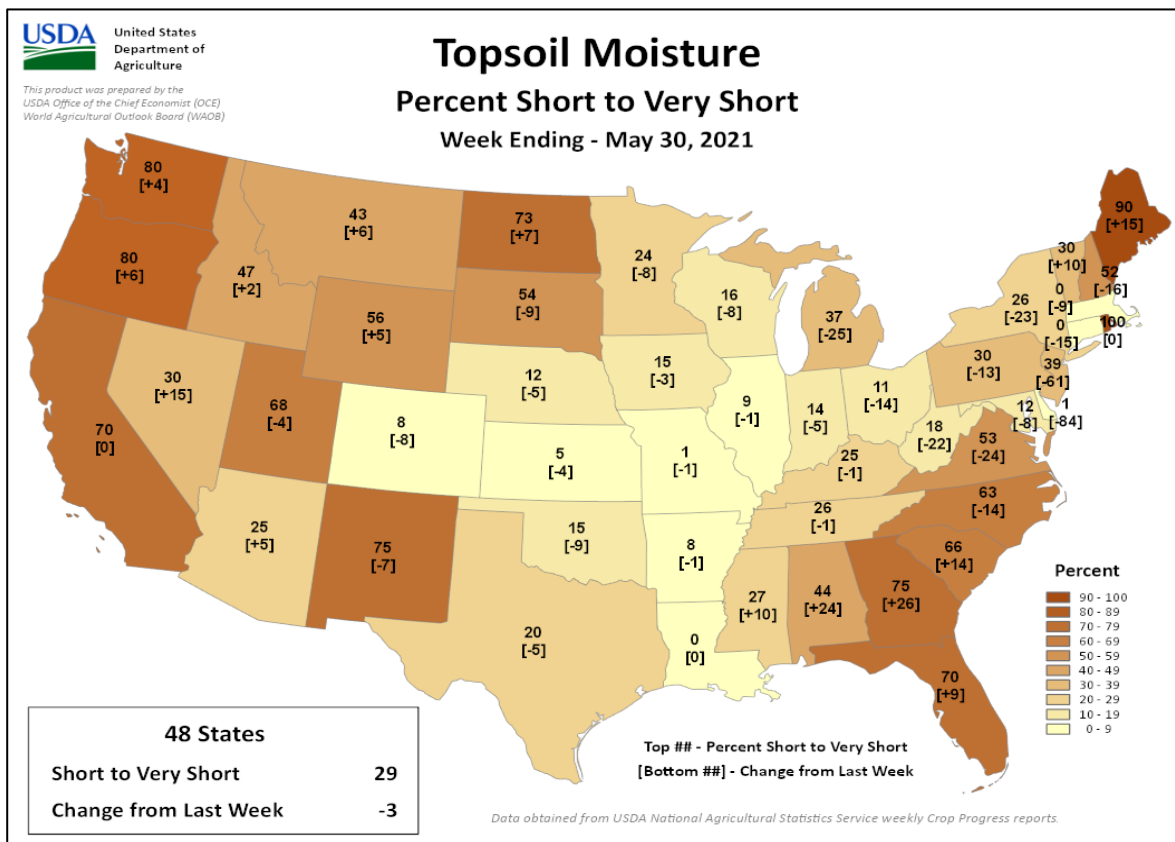
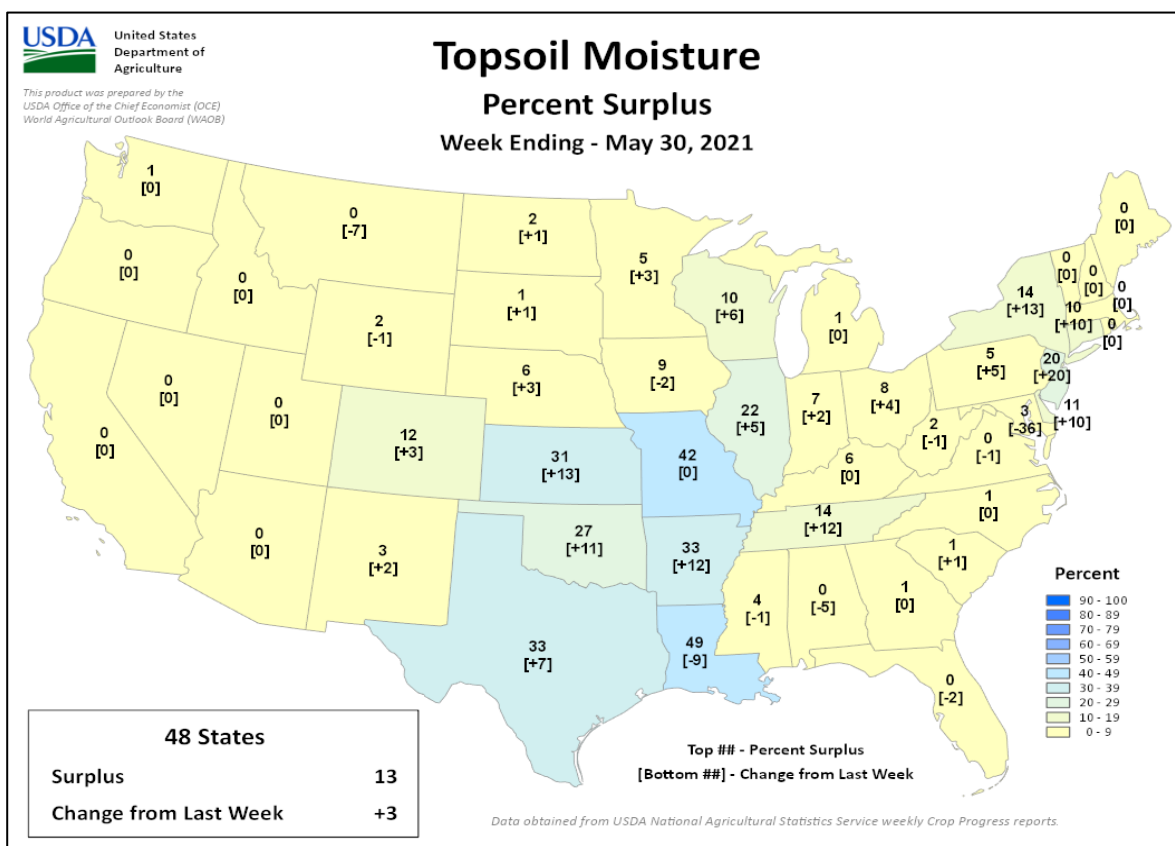


Data obtained from USDA National Agricultural Statistics Service (NASS) weekly Crop Progress reports.

Crop Progress and Condition

Week Ending May 30, 2021

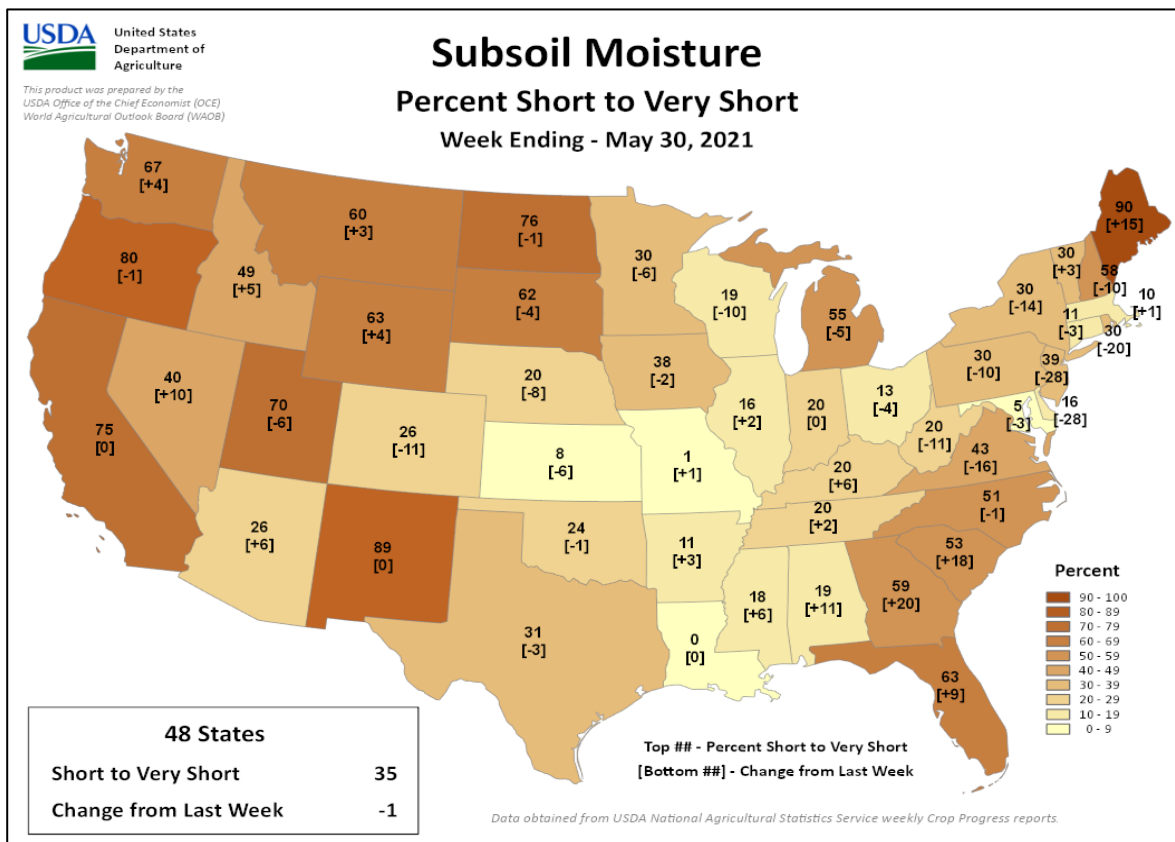
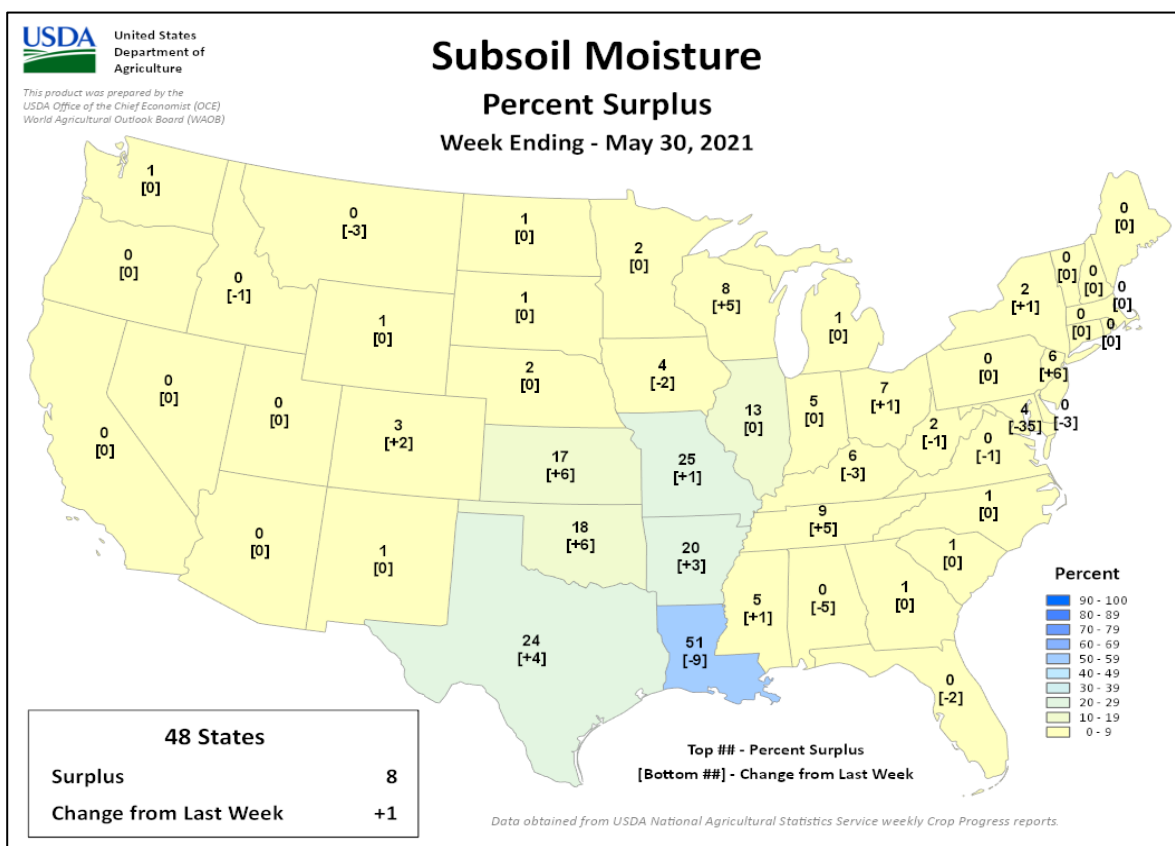
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending May 30, 2021

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



International Weather and Crop Summary

May 23-29, 2021

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

EUROPE: Widespread early-week showers gave way to drier weather during the latter half of the monitoring period, though short-term dryness has developed in some southern growing areas.

WESTERN FSU: Additional showers across western and southern portions of the region contrasted with extreme heat in eastern croplands.

EASTERN FSU: Scorching heat and intensifying drought left soils devoid of moisture for spring grain sowing and establishment in the north and heightened cotton irrigation demands in the south.

MIDDLE EAST: Showers in northern growing areas favored vegetative summer crops, while drought-afflicted winter grains in central and southeastern Turkey approached maturity.

SOUTH ASIA: Tropical Cyclone Yaas produced heavy showers in northeastern India and Bangladesh.

EAST ASIA: Wet weather in southern China benefited rice and other summer crops, while more rain is needed for corn and soybean establishment in parts of the northeast.

SOUTHEAST ASIA: After a delayed start, monsoon showers overspread Thailand and environs.

AUSTRALIA: Welcome showers arrived in the southeast.

ARGENTINA: Drier weather helped to improve conditions for summer crop harvesting.

BRAZIL: Late-season rain brought localized relief from dryness to immature corn and emerging wheat.

MEXICO: Scattered showers continued throughout much of the east.

CANADIAN PRAIRIES: Cool, showery weather overspread the Prairies.

SOUTHEASTERN CANADA: Rain benefited emerging corn and soybeans in Ontario's southern farmlands.

May 2021

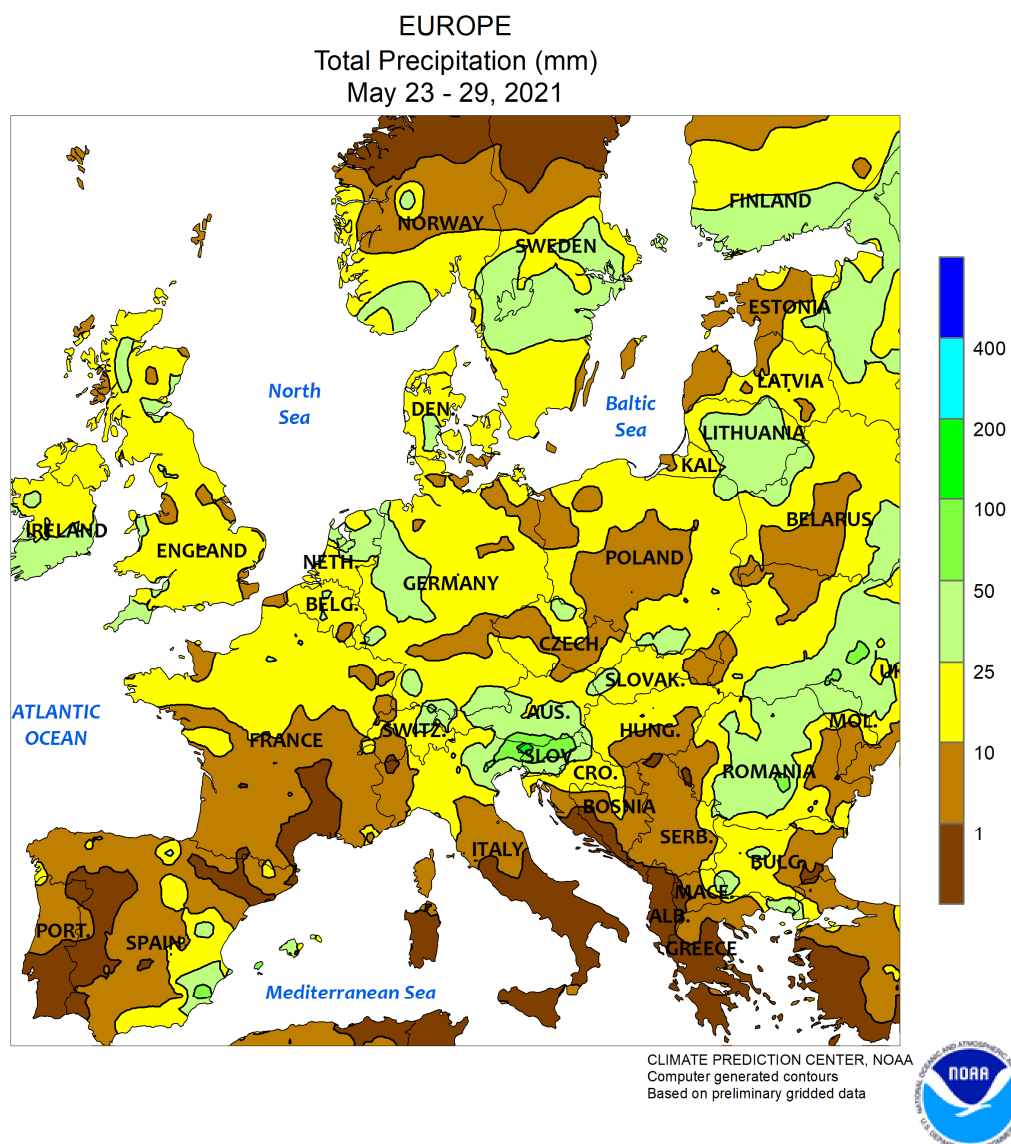
COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG DEP	NRM TOT	DEP NRM
ALGERI	ALGER	26	14	33	8	20	2.1	26
	BATNA	29	12	36	6	21	2.5	35
ARGENT	IGUAZU	25	12	32	4	19	0.2	36
	FORMOSA	25	13	34	4	19	0.2	48
	CERES	22	9	32	3	15	-0.6	56
	CORDOBA	22	6	30	0	14	0.8	15
	RIO CUARTO	20	7	28	1	13	0.5	14
	ROSARIO	20	7	29	-1	13	-0.6	54
	BUENOS AIRES	19	6	27	0	13	-0.8	70
	SANTA ROSA	18	6	25	-1	12	0.9	38
	TRES ARROYOS	17	6	23	0	12	1.2	25
AUSTRA	DARWIN	32	22	34	19	27	-0.1	0
	BRISBANE	23	13	27	8	18	-0.3	110
	PERTH	22	12	29	6	17	0.5	96
	CEDUNA	20	9	26	3	15	0	16
	ADELAIDE	19	10	29	3	14	0.3	12
	MELBOURNE	17	8	26	0	13	0.1	34
	WAGGA	18	6	25	-2	12	-0.1	32
	CANBERRA	16	3	21	-5	9	-0.3	35
AUSTRI	VIENNA	18	9	29	2	13	-2.1	87
	INNSBRUCK	18	7	26	0	12	-1.5	83
BAHAMA	NASSAU	31	23	33	19	27	0.8	6
BARBAD	BRIDGETOWN	30	25	31	23	28	0.7	22
BELARU	MINSK	16	7	23	0	12	-1.7	113
BERMUD	ST GEORGES	24	20	27	16	22	-0.3	131
BOLIVI	LA PAZ	***	***	18	-5	***	*****	*****
BRAZIL	FORTALEZA	30	24	32	22	27	-0.3	250
	RECIFE	28	22	29	21	25	-2.2	233
	CAMPO GRANDE	28	18	32	11	23	0.4	17
	FRANCA	26	16	29	14	21	1.1	19
	RIO DE JANEI	27	19	35	15	23	-0.2	23
	LONDRINA	27	15	31	8	21	2	134
	SANTA MARIA	21	9	33	1	15	-1.9	187
BULGAR	SOFIA	22	10	30	1	16	0.8	49
BURKIN	OUAGADOUGOU	39	28	42	22	34	1.5	99
CANADA	LETHBRIDGE	16	3	28	-2	10	-3	35
	REGINA	18	2	33	-6	10	-1.1	65
	WINNIPEG	18	6	31	-1	12	-0.2	54
	TORONTO	20	8	33	0	14	0.5	22
	MONTREAL	20	8	32	2	14	0.6	12
	PRINCE ALBER	18	1	32	-8	9	-0.8	29
	CALGARY	16	3	27	-3	9	-0.6	35
	VANCOUVER	16	9	22	5	12	-0.3	30
CANARY	LAS PALMAS	24	19	29	17	22	1.4	0
CHILE	SANTIAGO	20	5	27	-1	13	2.5	10
CHINA	HARBIN	22	10	32	3	16	0.8	98
	HAMI	29	13	36	3	21	0.7	4
	BEIJING	26	14	33	4	20	-0.6	27
	TIENSIN	27	14	33	4	20	-0.6	16
	LHASA	21	9	28	1	15	1.7	88
	KUNMING	27	17	32	13	22	2.5	66
	CHENGCHOW	29	18	40	11	23	1.9	20
	YEHCHANG	25	18	33	14	21	0.5	146
	HANKOW	27	18	33	13	22	0.7	288
	CHUNGKING	27	20	37	16	23	0.2	215
	CHIHKIANG	26	19	35	15	22	0.8	374
	WU HU	27	18	35	14	23	0.8	175
	SHANGHAI	27	18	35	12	22	2.3	159
	NANCHANG	27	20	35	17	24	0.6	420
	TAIPEI	32	26	37	20	29	2.8	37
	CANTON	33	25	36	19	29	4.6	259
	NANNING	32	24	35	20	28	2.3	82
COTE D	ABIDJAN	32	26	33	22	29	0.4	60
CUBA	CAMAGUEY	32	22	35	21	27	0.8	659
CYPRUS	LARNACA	29	18	34	15	23	1.8	1
CZECHR	PRAGUE	16	6	27	0	11	-2.5	110
DENMAR	COPENHAGEN	15	8	23	3	11	-0.6	55
EGYPT	CAIRO	35	21	44	17	28	2.6	0
	ASWAN	***	***	***	***	***	*****	*****
ESTONI	TALLINN	15	6	28	-1	10	0.3	86

Based on Preliminary Reports

May 2021

COUNTRY	CITY	TEMPERATURE					PRECIP.		
		AVG	AVG	HI	LO	DEP	TOT	DEP	
		MAX	MIN	MAX	MIN	NRM	MM	NRM	
ETHIOP	ADDIS ABABA	***	***	29	10	***	*****	*****	
F GUIA	CAYENNE	30	24	32	22	27	0.7	653	69
FIJI	NAUSORI	28	22	31	17	25	0.6	625	399
FINLAN	HELSINKI	16	5	26	-2	10	0.0	88	49
FRANCE	PARIS/ORLY	18	8	28	3	13	-1.4	70	7
	STRASBOURG	18	8	30	1	13	-2.2	80	-2
	BOURGES	18	8	27	1	13	-1.3	65	-13
	BORDEAUX	20	10	29	3	15	-1.0	80	1
	TOULOUSE	21	10	28	5	15	-0.5	32	-42
	MARSEILLE	22	12	30	8	18	-0.6	61	19
GABON	LIBREVILLE	30	24	32	22	27	0.2	465	254
GERMAN	HAMBURG	15	7	26	1	11	-1.9	95	37
	BERLIN	17	8	30	3	13	-1.8	47	-8
	DUSSELDORF	17	7	28	-1	12	-2.3	77	10
	LEIPZIG	16	8	28	2	12	-1.6	93	45
	DRESDEN	16	8	29	4	12	-1.7	79	16
	STUTTGART	16	6	28	0	11	-2.5	70	-12
	NURNBERG	16	6	27	-2	11	-2.5	70	9
	AUGSBURG	15	6	27	-2	10	-2.6	143	60
GREECE	THESSALONIKA	26	14	32	10	20	-0.1	8	-30
	LARISSA	28	12	34	8	20	0.1	12	-25
	ATHENS	28	18	35	14	23	2.0	0	-19
GUADEL	RAIZET	31	23	32	21	27	0.6	13	-81
HONGKO	HONG KONG IN	33	27	35	23	30	2.1	87	*****
HUNGAR	BUDAPEST	20	9	29	2	14	-2.4	80	17
ICELAN	REYKJAVIK	9	3	14	-2	6	-0.7	63	9
INDIA	AMRITSAR	37	22	43	18	30	-0.7	20	-5
	NEW DELHI	38	22	42	-24	30	-2.8	163	135
	AHMEDABAD	39	28	44	22	33	-1.0	139	125
	INDORE	38	25	40	21	31	-1.0	30	15
	CALCUTTA	35	26	39	21	30	-0.1	446	296
	VERAVAL	33	27	37	25	30	0.7	16	*****
	BOMBAY	34	27	37	24	31	0.5	723	*****
	POONA	35	23	38	20	29	-1.2	131	103
	BEGAMPET	37	26	40	23	32	-1.4	33	-2
	VISHAKHAPATN	35	28	41	23	32	1.1	102	27
	MADRAS	37	27	40	3	32	-0.9	36	5
	MANGALORE	32	24	34	23	28	-1.4	326	*****
INDONE	SERANG	33	25	35	23	29	1.1	53	-65
IRELAN	DUBLIN	14	5	20	-2	9	-1.0	83	24
ITALY	MILAN	22	12	26	8	17	-1.5	90	7
	VERONA	22	10	25	7	16	-2.7	90	14
	VENICE	20	12	23	9	16	-1.9	107	31
	GENOA	18	14	27	10	16	-2.2	107	46
	ROME	22	12	28	7	17	-0.8	14	-21
	NAPLES	23	14	30	8	18	-0.6	31	-14
JAMAIC	KINGSTON	32	24	34	23	28	0.3	4	-77
JAPAN	SAPPORO	18	10	24	3	14	1.3	82	29
	NAGOYA	24	16	31	10	20	0.6	258	101
	TOKYO	24	16	29	11	20	0.8	96	-43
	YOKOHAMA	23	17	28	12	20	1.0	116	-34
	KYOTO	24	16	30	9	20	0.2	233	74
	OSAKA	24	17	29	10	20	0.7	344	198
KAZAKH	KUSTANAY	27	12	36	0	20	5.7	5	-29
	TSELINOGRAD	26	12	36	2	18	4.5	11	-23
	KARAGANDA	25	9	34	2	17	4.3	29	-12
KENYA	NAIROBI	24	16	26	13	20	-0.9	176	76
LIBYA	BENGHAZI	33	19	44	10	26	4.0	0	*****
LITHUA	KAUNAS	16	7	25	0	12	-1.2	119	66
LUXEMB	LUXEMBOURG	14	6	25	0	10	-2.9	119	39
MALAYS	KUALA LUMPUR	33	25	35	23	29	1.1	408	211
MALI	TIMBUKTU	***	***	38	***	***	*****	*****	*****
	BAMAKO	38	26	42	22	32	-0.1	46	-16
MARSHA	MAJURO	29	26	30	25	28	-0.2	732	481
MARTIN	LAMENTIN	31	25	32	22	28	0.7	63	-78
MAURIT	NOUAKCHOTT	34	20	43	18	27	1.3	*****	*****
MEXICO	GUADALAJARA	32	16	36	10	24	1.5	13	*****
	TLAXCALA	26	13	28	8	19	0.6	145	89
	ORIZABA	27	18	33	14	23	1.1	302	*****
MOROCC	CASABLANCA	23	16	25	11	19	0.6	606	590

Based on Preliminary Reports

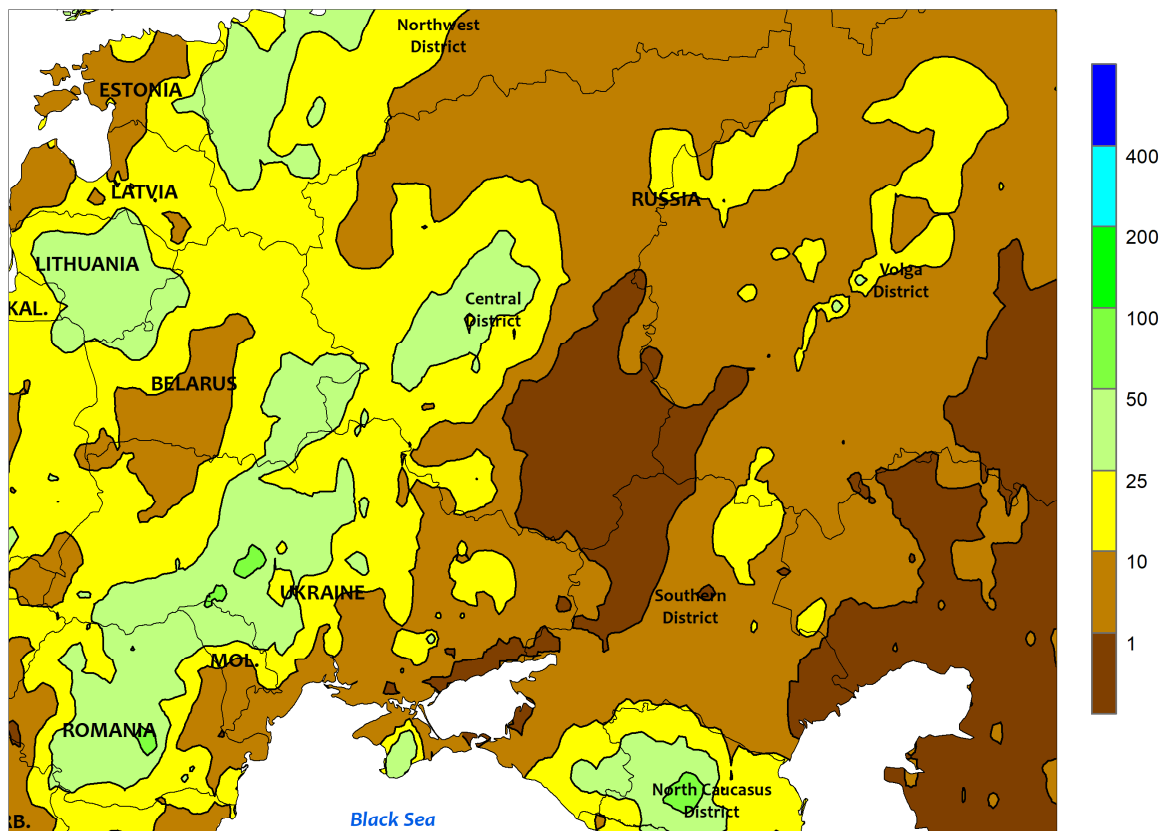


EUROPE

Widespread early-week showers gave way to a welcome respite during the latter half of the monitoring period. The lingering parade of storm systems produced an additional 10 to 45 mm of rainfall from England and France eastward, though pockets of lighter rain (less than 10 mm) were noted across the eastern half of the continent. Moisture supplies have been buoyed by the recent spate of wet weather, with 30-day rainfall averaging 100 to 250 percent of normal across most of the continent. However, localized dryness (less than 50 percent of normal over the past 30 days) has developed in Spain, Italy, Greece, and the lower Balkans, diminishing topsoil moisture for vegetative summer crops. Drier weather

settled over the continent during the second half of the week, promoting fieldwork and facilitating crop development. Continued chilly conditions (up to 6°C below normal) over primary growing areas of central and northern Europe sustained slower-than-normal crop growth rates, with winter grains and oilseeds developing one to two weeks behind average and two to four weeks behind last year's accelerated pace. Nevertheless, dry and warm weather (1-3°C above normal) ushered winter grains toward maturity across Spain, Italy, and Greece. At the end of the week, winter crops ranged from filling to maturing in the warmer western and southern croplands to vegetative in the Baltic States.

WESTERN FSU
Total Precipitation (mm)
May 23 - 29, 2021



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

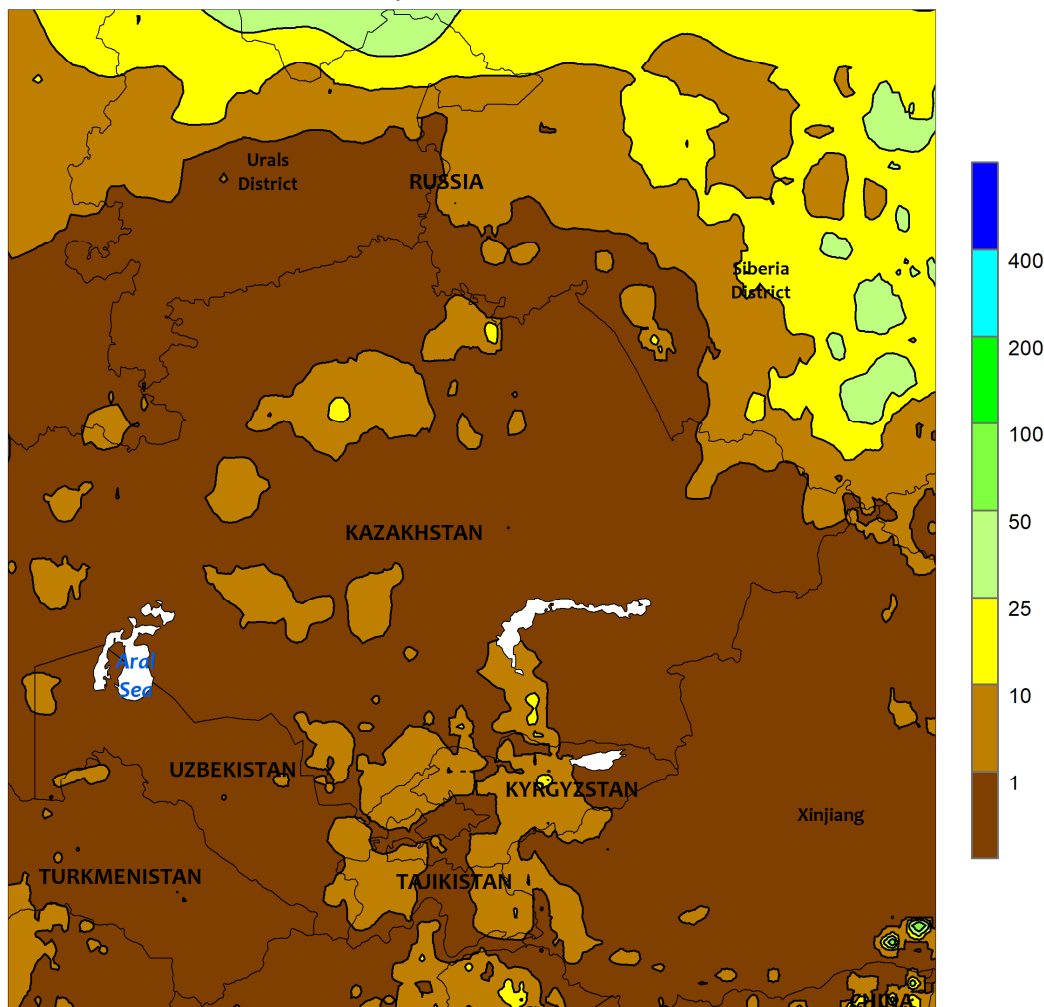


WESTERN FSU

Additional showers across southern and western crop areas contrasted with ongoing heat and dryness in the east. A large area of high pressure sustained sunny skies and above-normal temperatures (4-8°C above normal) across eastern portions of Russia's Volga District, heightening evapotranspiration rates and soil moisture losses. Daytime temperatures spiked into the upper 30s (degrees C) in the southeastern Volga District early in the week, more than 10°C above the normal high for the date. However, scattered light to moderate showers (1-10 mm) signaled the arrival of cooler weather later in the monitoring

period, though more rain will be needed to recharge the moisture profile for spring wheat and barley. Meanwhile, wet weather persisted across western and northern Ukraine (5-60 mm) as well as neighboring portions of Belarus, Moldova, and western Russia, maintaining good to excellent prospects for reproductive winter crops, vegetative spring grains, and emerging summer crops. In southern Russia, moderate to heavy showers (10-50 mm) in the North Caucasus District and surrounding locales boosted moisture reserves for reproductive to filling winter wheat and emerging to vegetative corn and sunflowers.

EASTERN FSU
Total Precipitation (mm)
May 23 - 29, 2021



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

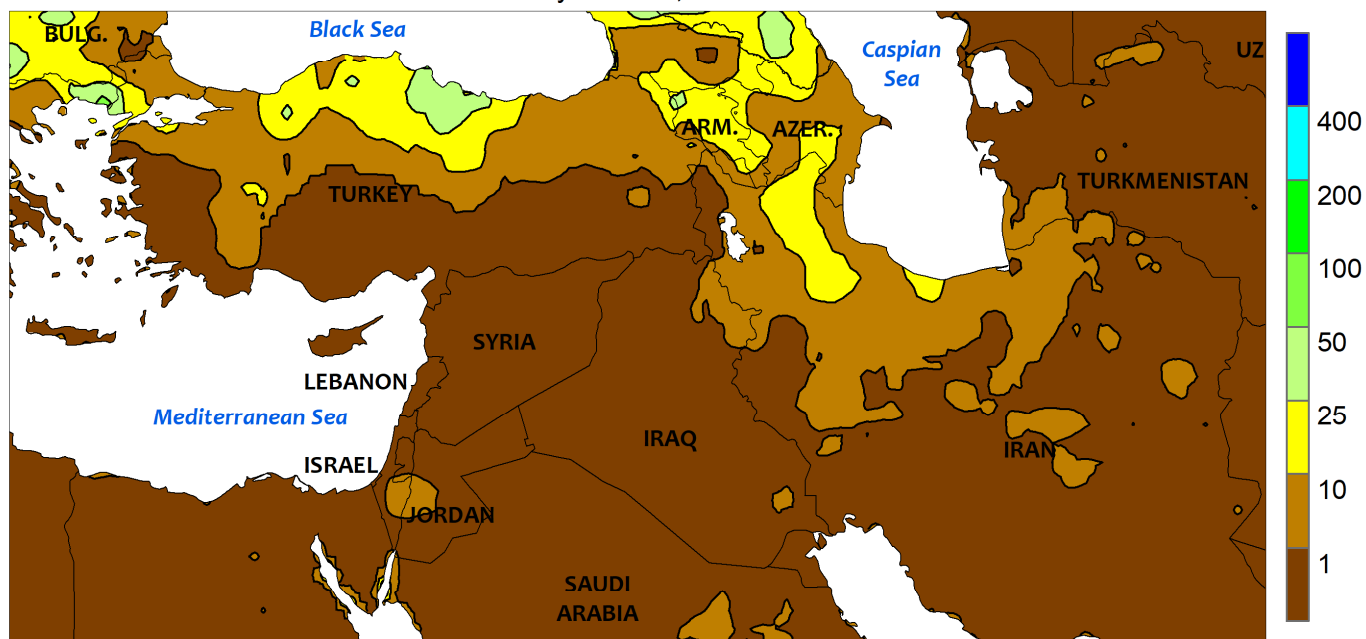


EASTERN FSU

Scorching heat and intensifying drought prevailed over most of the region save for eastern-most spring grain areas. A sprawling area of high pressure maintained sunny skies and much-above-normal temperatures (5-10°C above normal) across central Russia and neighboring portions of northern Kazakhstan, favoring a rapid pace of fieldwork but leaving soils devoid of moisture. The dearth of rainfall since April 1 — which has tallied a meager 25 percent of normal or less in Russia's southern Urals District and the Kostanay Region of northwestern Kazakhstan — has likely forced producers to either dust in crops or await the arrival of sorely needed moisture. Exacerbating the drought has been the recent protracted run of record-setting heat; daytime temperatures approached 39°C in northern Kazakhstan on May 25, more than 12°C above the normal high for the date. The average

temperature from May 15-31 was more than 6°C above normal in Kazakhstan's spring grain belt and 5°C above normal in the spring wheat belt of central Russia, by far the hottest second half of May over the past 30 years for both locales. Despite the region-wide heat and drought, showers and thunderstorms (10-60 mm) provided localized moisture improvements in eastern portions of Altai Krai (southeastern Siberia District). In the south, mostly sunny skies and scorching heat (3-8°C above normal, highs approaching or topping 40°C) across Uzbekistan and environs favored fieldwork but heightened irrigation demands for recently planted cotton. Furthermore, much of the cotton belt experienced lackluster cool-season precipitation, though the Amu Darya watershed — which feeds the more southerly cotton areas — fared much better than the rest of the region.

MIDDLE EAST
Total Precipitation (mm)
May 23 - 29, 2021



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

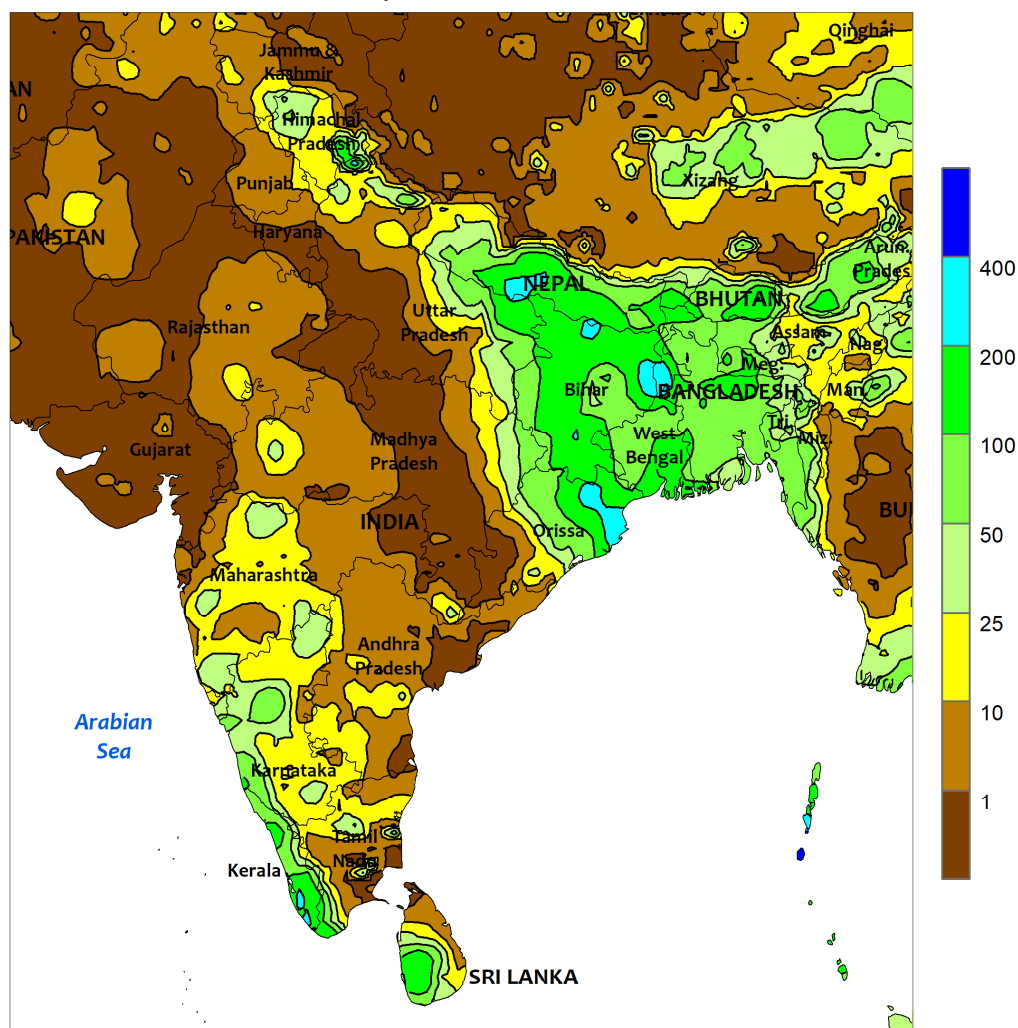


MIDDLE EAST

Heat and dryness continued over much of the region, though rain was reported over northern growing areas. Highly variable showers and thunderstorms (2-75 mm) benefited recently sown summer crops — including corn and sunflowers — from northern Turkey into northern Iran. Otherwise, the recent spell of dry weather continued over central and southern Turkey's primary winter grain areas. Rainfall in the GAP Region of southeastern Turkey has totaled less than 15 percent

of normal since the end of March, while the Anatolian Plateau has been unfavorably dry since the second week of April (approximately 25 percent of normal). The drought and accompanying heat reduced yield prospects for reproductive to filling wheat and barley, and Turkey's winter crops are now approaching or at maturity. Elsewhere, sunny skies and above-normal temperatures facilitated winter grain drydown and harvesting from Syria into central and southern Iran.

SOUTH ASIA
Total Precipitation (mm)
May 23 - 29, 2021



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

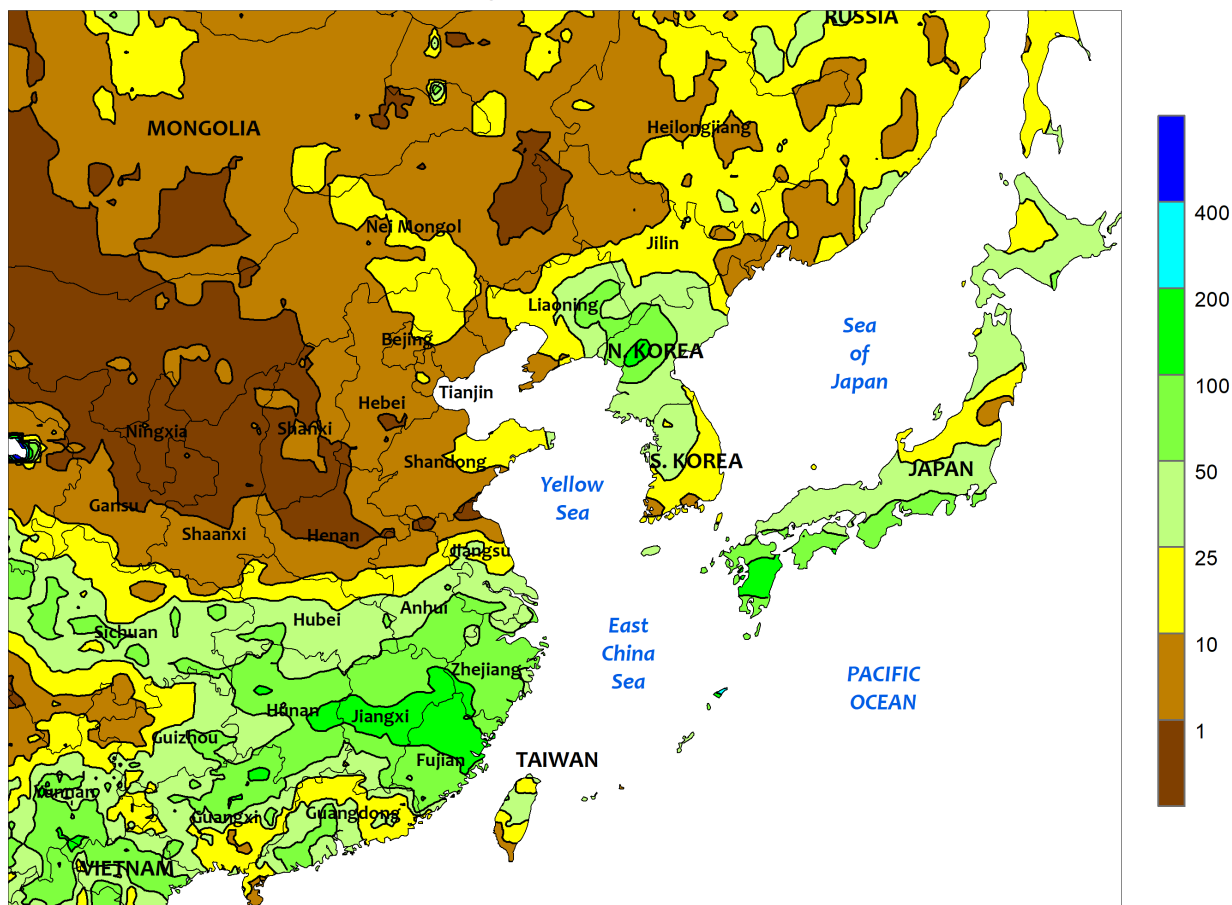


SOUTH ASIA

Tropical Cyclone Yaas moved into northeastern India during the early part of the reporting period, bringing heavy rainfall that surpassed 400 mm, locally. However, most areas (including Bangladesh) received 50 to 200 mm of rain, delaying early-season rice sowing but providing abundant water for establishment. Winds with the storm were far less

severe (65 knots) than occurred with Tropical Cyclone Tauktae (110 knots) the previous week in western India. Elsewhere, pre-monsoon rainfall (25-100 mm or more) in southwestern India encouraged rice and other kharif crop sowing, but growers throughout most of India are awaiting the onset of seasonal rains before beginning widespread planting.

EASTERN ASIA
Total Precipitation (mm)
May 23 - 29, 2021



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

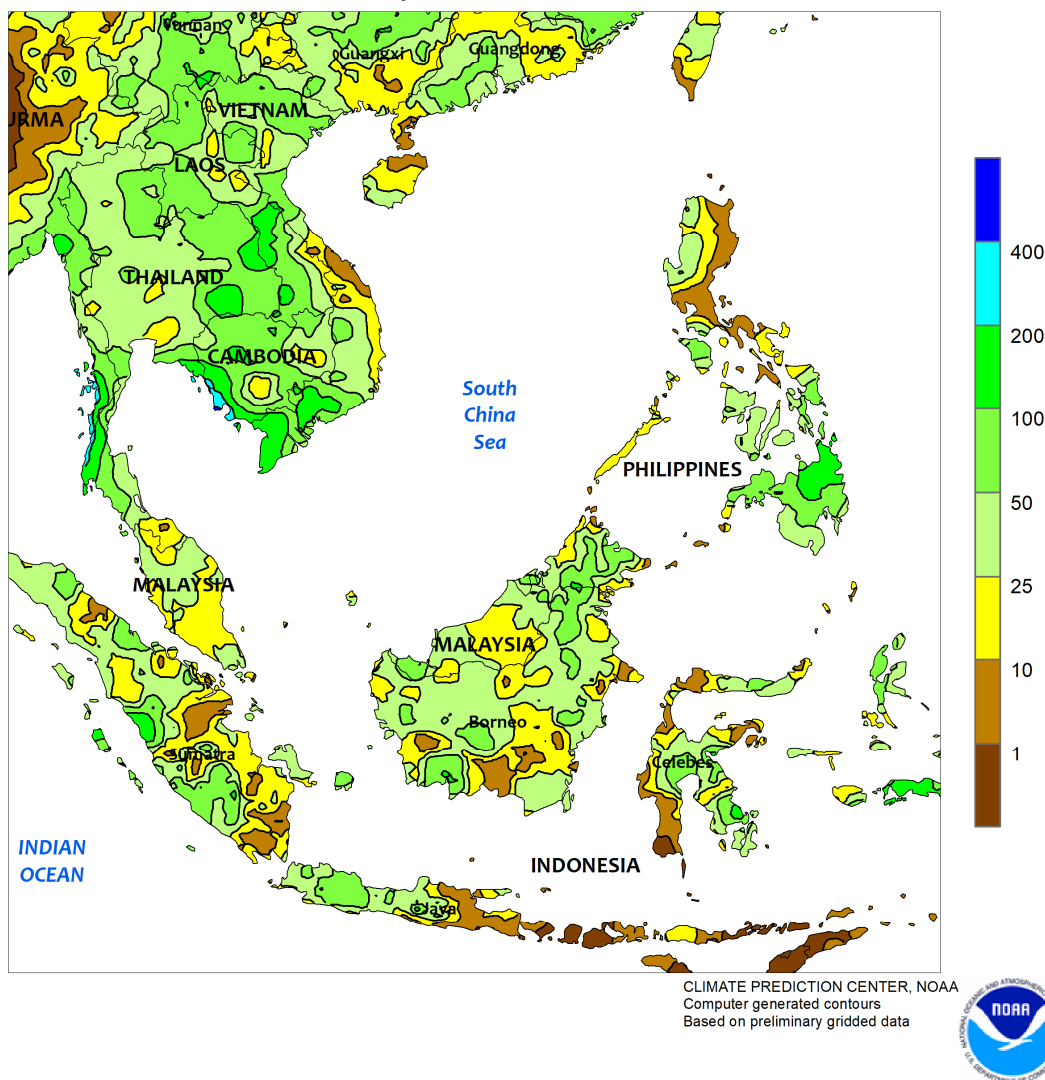


EASTERN ASIA

Rainfall prevailed across southern China (south of the Yangtze River), with most areas recording 25 to 100 mm. The moisture benefited reproductive early-crop rice and vegetative single-crop rice as well as other vegetative summer crops. Showers, albeit lighter (10-25 mm, locally 25-50 mm), were also reported in parts of the northeast, improving soil moisture for corn, soybeans, and rice establishment. However, most western prefectures of Heilongjiang, Jilin, and neighboring Inner Mongolia continued to be unfavorably dry, with some areas experiencing 30-day rainfall totals between 10 and

50 percent of normal. Elsewhere, dry weather and summer-like heat (daytime temperatures approaching 40°C) on the North China Plain advanced drydown of wheat, as harvest preparations were underway. Similarly, warmer weather in western China improved crop conditions for irrigated cotton following unfavorably cool weather at the start of the growing season. In other parts of the region, wet weather prevailed on the Korean Peninsula and throughout most of Japan, boosting moisture supplies for establishment of rice and other summer crops.

SOUTHEAST ASIA
Total Precipitation (mm)
May 23 - 29, 2021

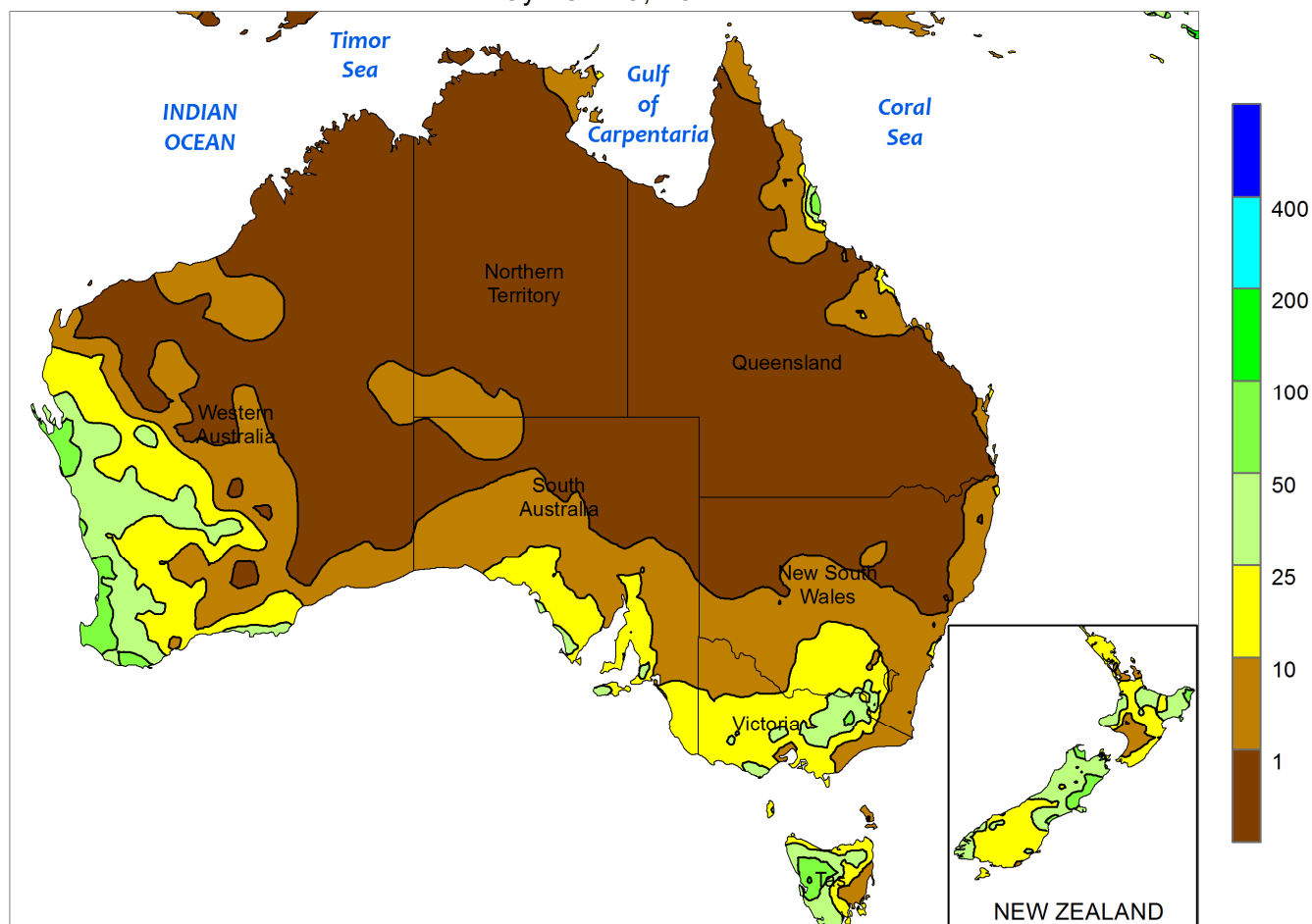


SOUTHEAST ASIA

After a delayed start, monsoon rainfall overspread much of Thailand and the surrounding areas, as most areas received 25 to 100 mm (locally more in southern locales). The wet weather helped bring May rainfall totals closer to normal and encouraged widespread rice sowing. Meanwhile, showers (25-100 mm or more) continued across most of the Philippines, supporting rice

sowing and establishment, although pockets of drier conditions were reported in Luzon; 30-day rainfall totals were above normal in all but some sections of Luzon. Elsewhere, showers were lighter than normal in Malaysia and neighboring portions of Indonesia (less than 50 mm in most areas), but soil moisture has remained adequate to abundant for oil palm over the last 90 days.

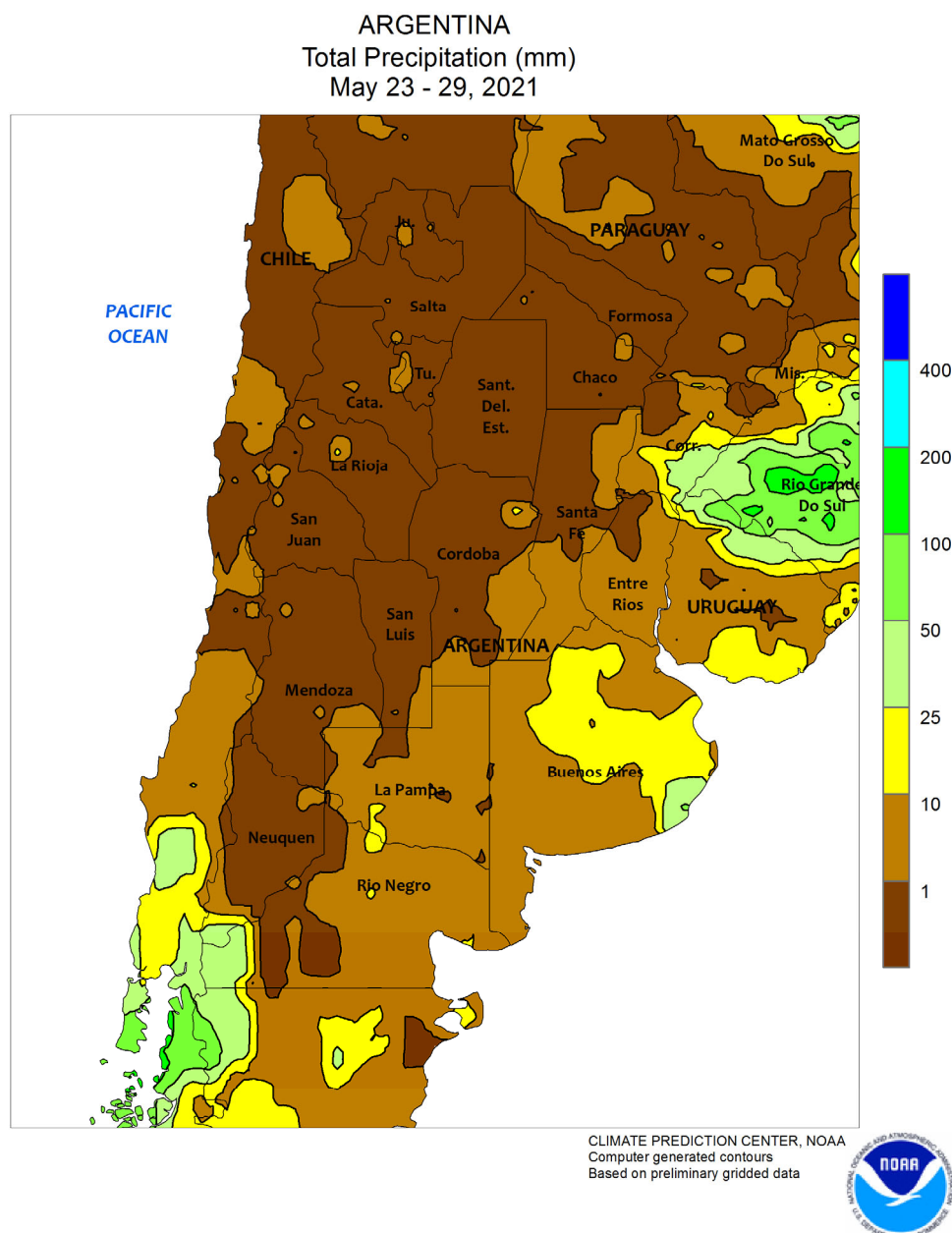
AUSTRALIA
Total Precipitation (mm)
May 23 - 29, 2021



AUSTRALIA

In Western Australia, soaking rain (10-50 mm) maintained near ideal conditions for winter crop development, aiding wheat, barley, and canola emergence and establishment. Showers (5-25 mm) overspread South Australia, Victoria, and southern New South Wales as well, providing a welcome boost in topsoil moisture for recently sown winter grains and oilseeds. The rain promoted winter crop germination and emergence and triggered additional sowing in its wake. Elsewhere in the wheat belt, dry

weather in northern New South Wales and southern Queensland favored late-season cotton and sorghum harvesting. A combination of sunny skies and adequate to locally abundant soil moisture favored wheat and other winter crop development too, sustaining good early-season crop prospects. Temperatures averaged within 1°C of normal throughout the wheat belt, with maximum temperatures ranging from the upper 10s to middle 20s (degrees C) in most areas.

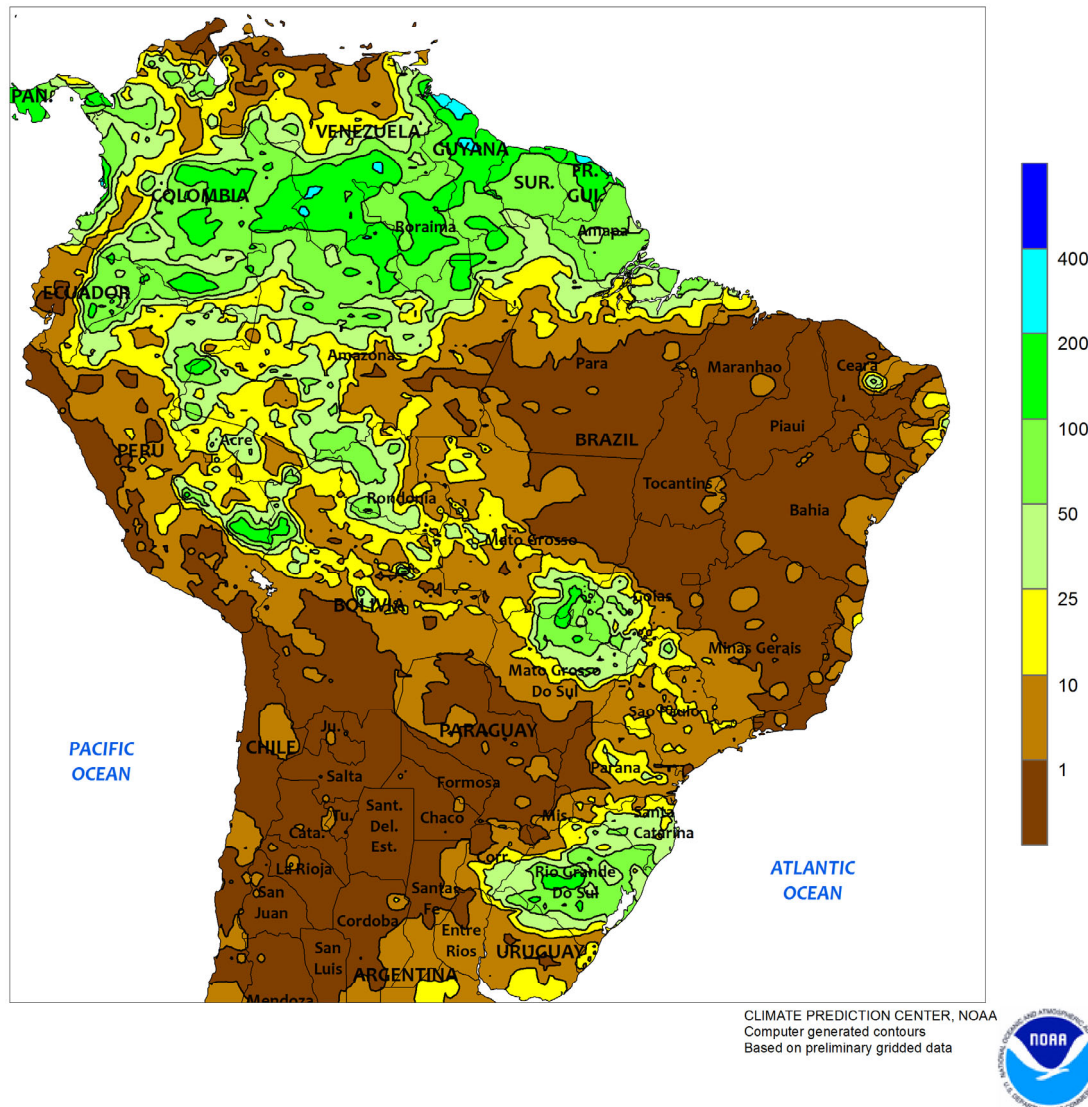


ARGENTINA

Much-needed drier weather brought some relief from the excessive wetness that has disrupted summer crop harvesting. Although showers (rainfall totaling 5 to 50 mm) lingered over eastern farming areas – including Buenos Aires – as the week began, sunshine and occasional warmth followed. Weekly temperatures averaged near to slightly above normal, with several days of daytime highs ranging from the lower 20s (degrees C) in La Pampa and Buenos Aires to the lower 30s in and around Formosa. Despite the

improved conditions, however, fieldwork was slow to resume due to lingering wetness and high grain moisture content. According to the government of Argentina, corn harvesting reached 43 percent complete as of May 27, lagging last year by 19 points, and soybeans were 90 percent harvested (95 percent last year). Similarly, cotton was 51 percent harvested versus 81 percent last year. In addition, wheat was 7 percent planted, led by Cordoba at 26 percent complete.

BRAZIL
Total Precipitation (mm)
May 23 - 29, 2021

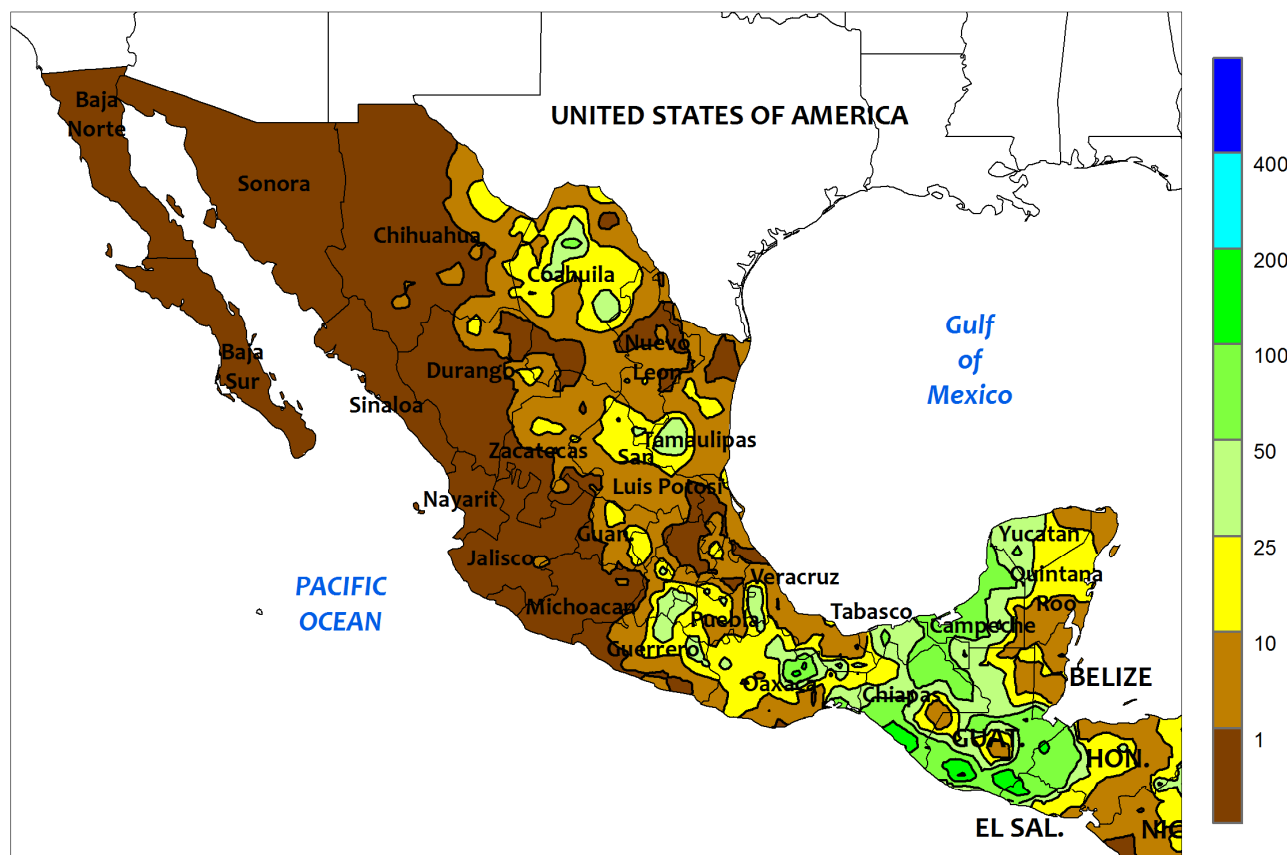


BRAZIL

Late-season showers benefited immature corn and emerging wheat in western and southern production areas. However, the overall coverage of the rain was highly variable, and many locations were still in need of moisture. In the Center-West Region (Mato Grosso, southern Goiás, and northern Mato Grosso do Sul), amounts (10-50 mm) were unseasonably high for late May, albeit timely for late-planted corn and cotton. In contrast, farming areas in and around Parana typically receive rainfall year round and accumulations continued to be below normal (less than 10 mm). According to the government of Parana, 86 percent of

second-crop corn had reached reproduction as of May 24; wheat, meanwhile, was 58 percent planted. Elsewhere, seasonable dryness and summer warmth (daytime highs reaching the upper 30s degrees C) spurred rapid development of second-crop cotton in the northeastern interior (western Bahia and environs). At week's end, a new storm system advancing through Rio Grande do Sul generated 50 to 100 mm of rainfall. According to the government of Rio Grande do Sul, soybeans and corn were 99 and 90 percent harvested, respectively, as of May 27, with wheat planting advancing locally.

MEXICO
Total Precipitation (mm)
May 23 - 29, 2021



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

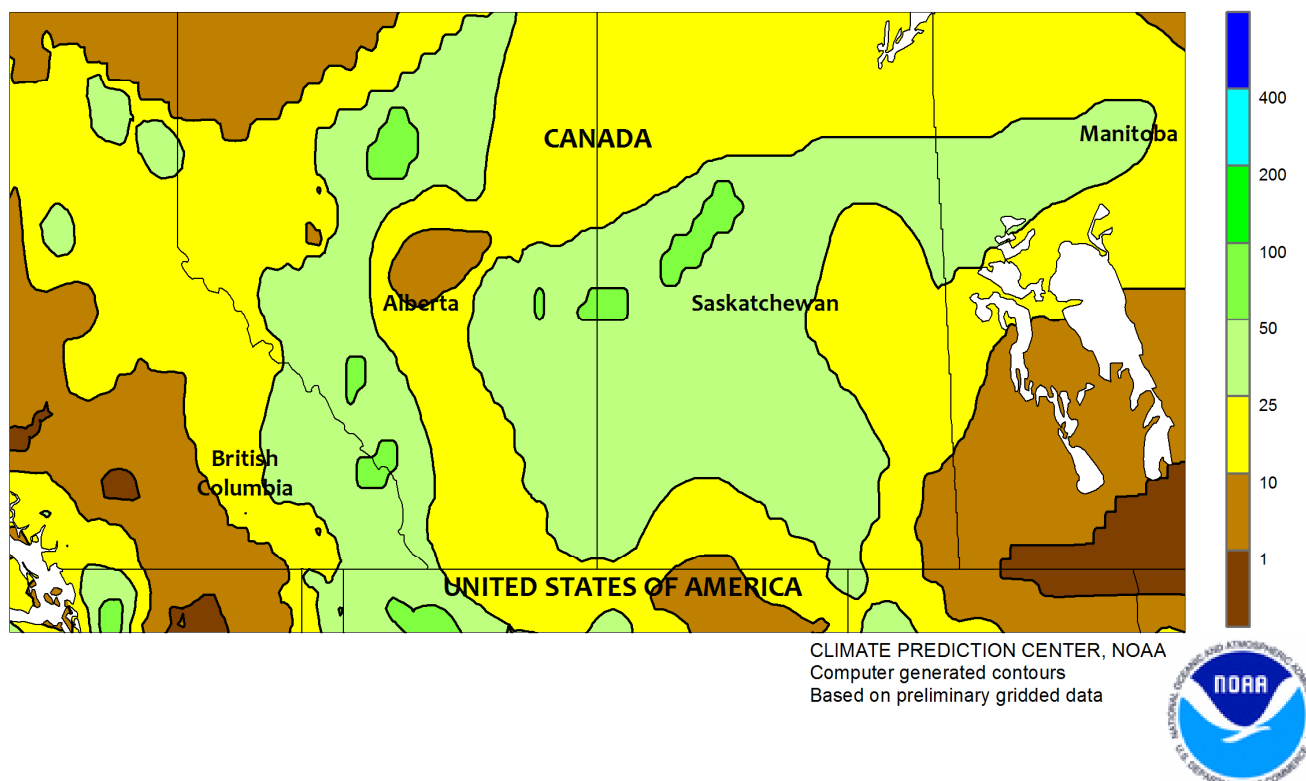


MEXICO

Scattered showers continued in eastern farming areas, though pockets of dryness have reappeared in key summer crop areas. On the southern plateau, locally heavy rain (5-50 mm) benefited emerged corn from the state of Mexico eastward. Elsewhere, heavier rain (large areas reporting 50-100 mm) fell between northern Oaxaca and Yucatan. In contrast, showers were generally patchy and light from Veracruz northward to the Rio Grande Valley, with just a

few locations recording more than 25 mm. Above-normal temperatures accompanied the dryness, with daytime highs in the middle 30s (degrees C) maintaining high crop moisture requirements and elevated water needs for livestock. Western farming areas (Michoacán to Sonora and western Chihuahua) were completely dry, raising concerns for planting delays in western sections of the southern plateau corn belt.

CANADIAN PRAIRIES
Total Precipitation (mm)
May 23 - 29, 2021

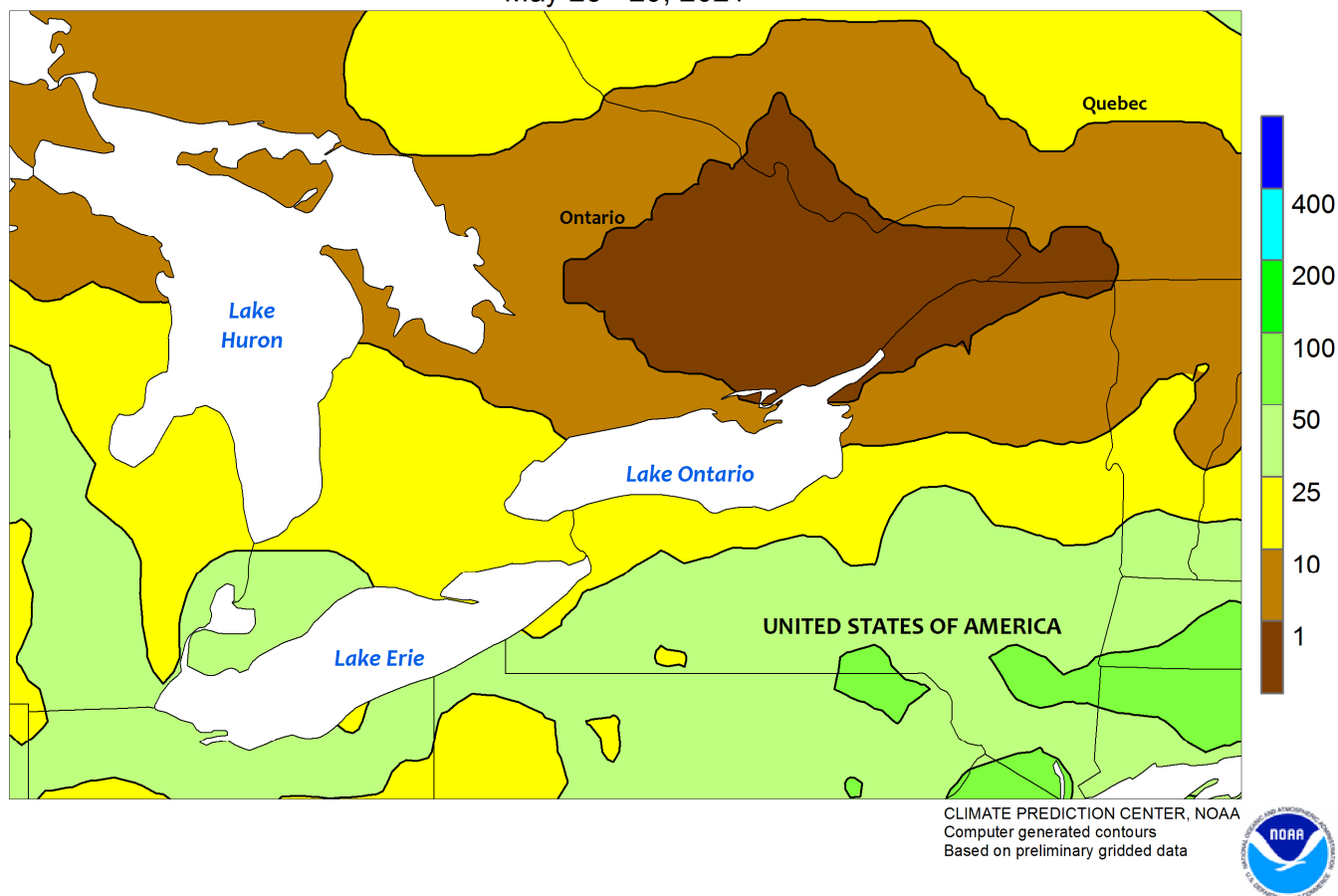


CANADIAN PRAIRIES

Drier conditions returned to Manitoba, but beneficial showers continued elsewhere, further improving prospects of emerging spring grains and oilseeds. Rainfall totaled 10 to 50 mm over large parts of Saskatchewan and Alberta, including northern farming areas that received only light rain last week. In contrast, most agricultural districts in Manitoba received less than 5 mm, with near complete dryness in the Red River Valley. Unseasonably cold weather prevailed across the Prairies, with weekly

temperatures averaging as much as 4°C below normal. Lowest nighttime temperatures (-4 to -2°C) were reported from northern and eastern Saskatchewan eastward through Manitoba, slowing growth of emerging to vegetative spring crops and raising concern for possible damage to already emerged summer crops, including soybeans. According to provincial reports issued during the last week in May, planting of all crops ranged from 86 percent (Saskatchewan) to 91 percent (Manitoba) complete.

SOUTHEASTERN CANADA
Total Precipitation (mm)
May 23 - 29, 2021



SOUTHEASTERN CANADA

Showers brought needed moisture to Ontario's southern farming areas as planting of summer crops neared completion. Amounts totaled 10 to 35 mm in the crop districts lying between Lakes Huron and Erie, with drier conditions continuing north of Lake Ontario. Similarly, mostly dry weather continued in southern Quebec. Near-to below-normal temperatures prevailed across the region, with nighttime lows falling below freezing in southern

Quebec and Ontario's northern farmlands at week's end. Lows fell into the low single digits in the corn and soybean areas of southern Ontario, possibly resulting in some frost, just days after daytime highs reached the lower 30s (degrees C). According to the government of Ontario, corn and soybean planting was nearing completion as of May 26, with much of the remaining fieldwork awaiting the harvesting of forage.

28 May 2021
13:51 UTC

North Dakota

Minnesota

South Dakota

Iowa

GOES East Visible
May 28, 2021
8:51 am CDT

On Friday, May 28, on the cusp of Memorial Day weekend, a pocket of clearing allowed for widespread frost formation in the Red River Valley of the North and neighboring areas, locally burning back emerged summer crops. The following day, frost and scattered freezes reached deeper into the upper Midwest, extending as far south as Iowa.

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