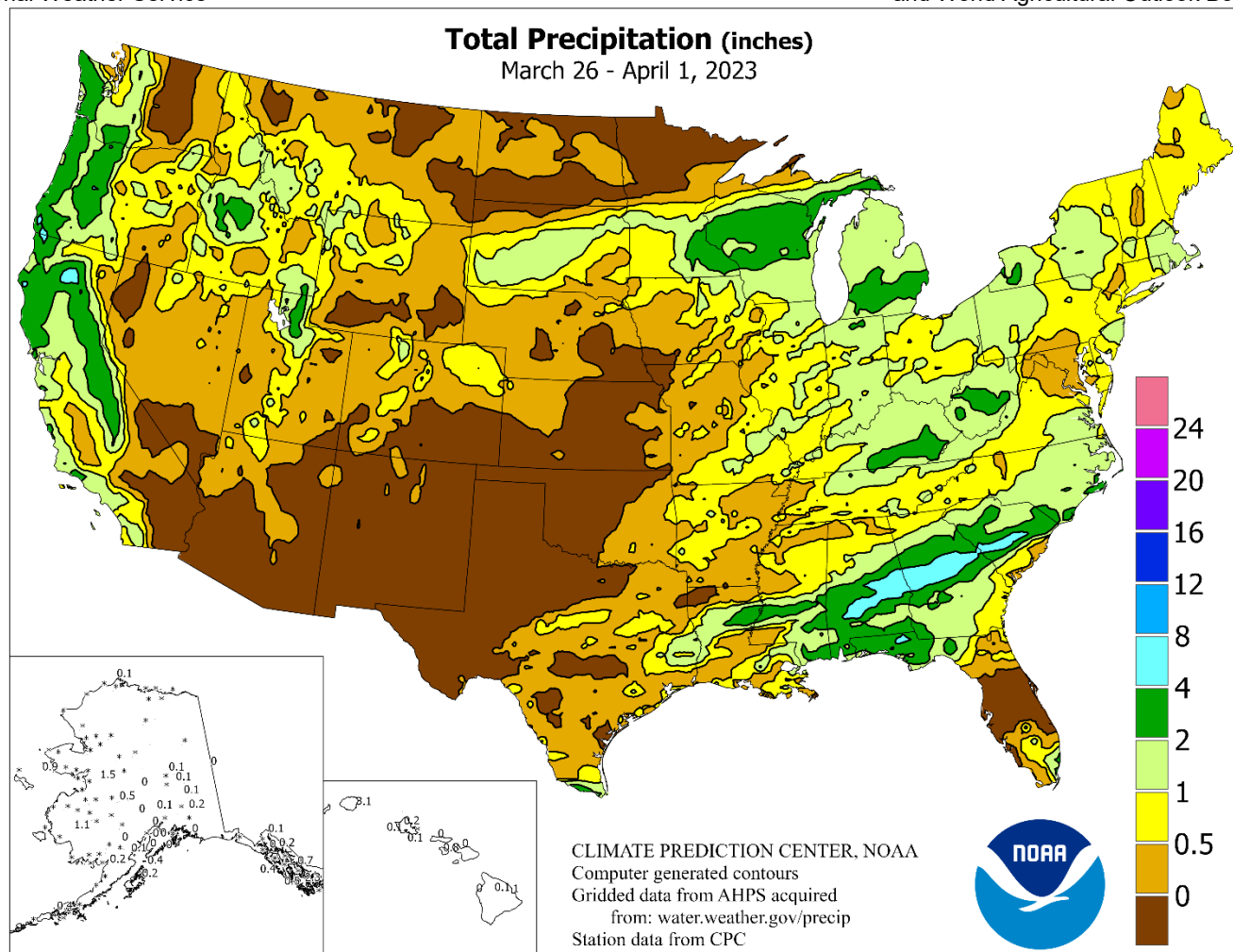


WEEKLY WEATHER AND CROP BULLETIN

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

March 26 – April 1, 2023

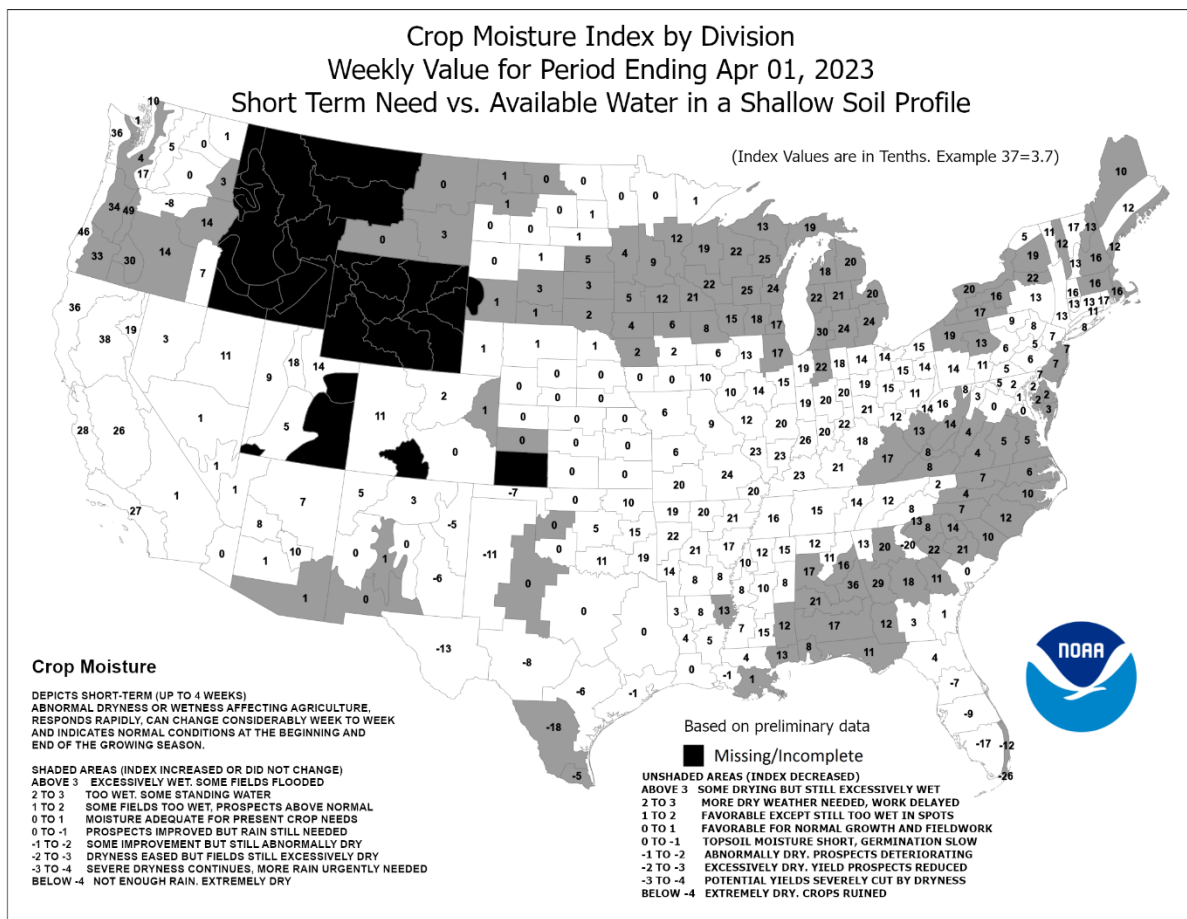
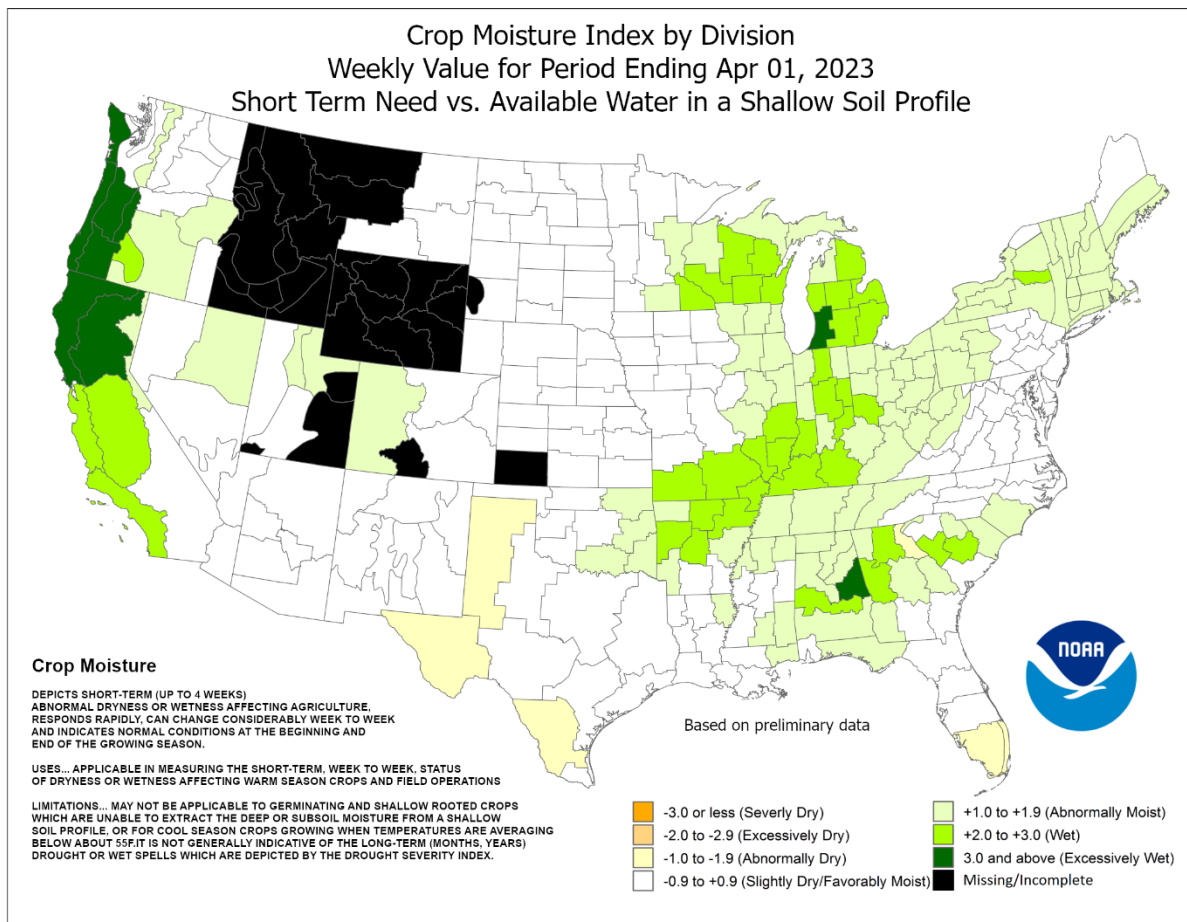
Highlights provided by USDA/WAOB

A storm system drifted southward near the **Pacific Coast** before veering inland and accelerating across the **central Plains** and **Midwest**. Storm-related impacts, including rain, snow, high winds, and severe weather, affected many parts of the country. Notably, widespread severe thunderstorms on March 31 in the **mid-South** and **Midwest** occurred exactly a week after another deadly **Southern** tornado outbreak. During the end-of-March event, more than 100 tornadoes were spotted, some as far north as **southern Wisconsin**, based on preliminary

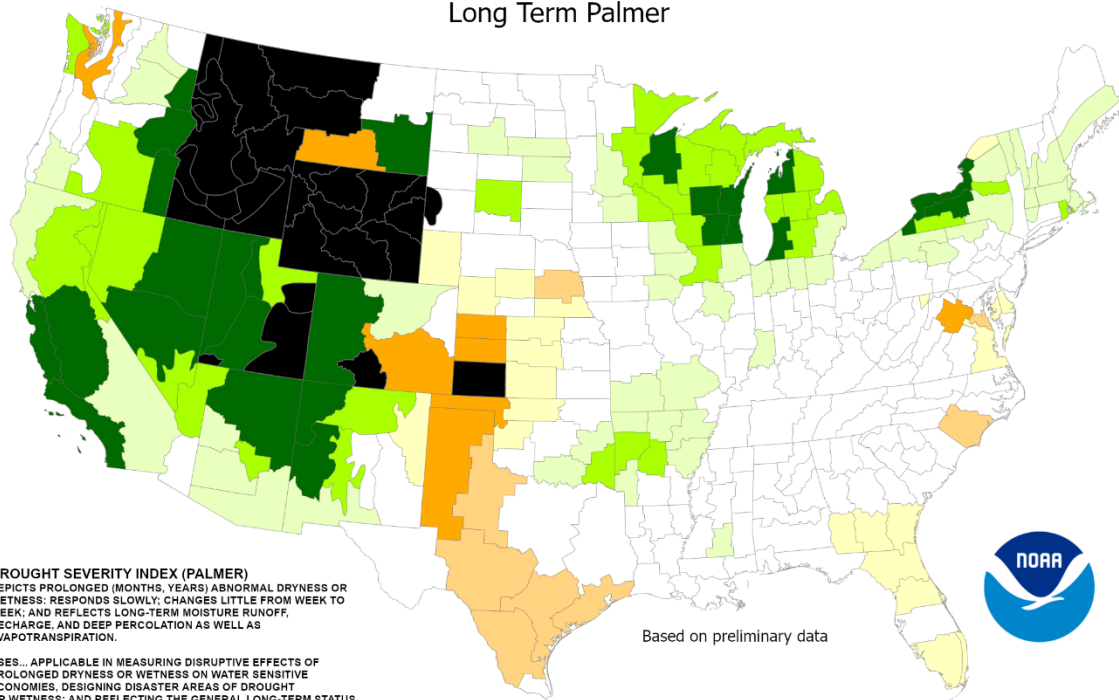
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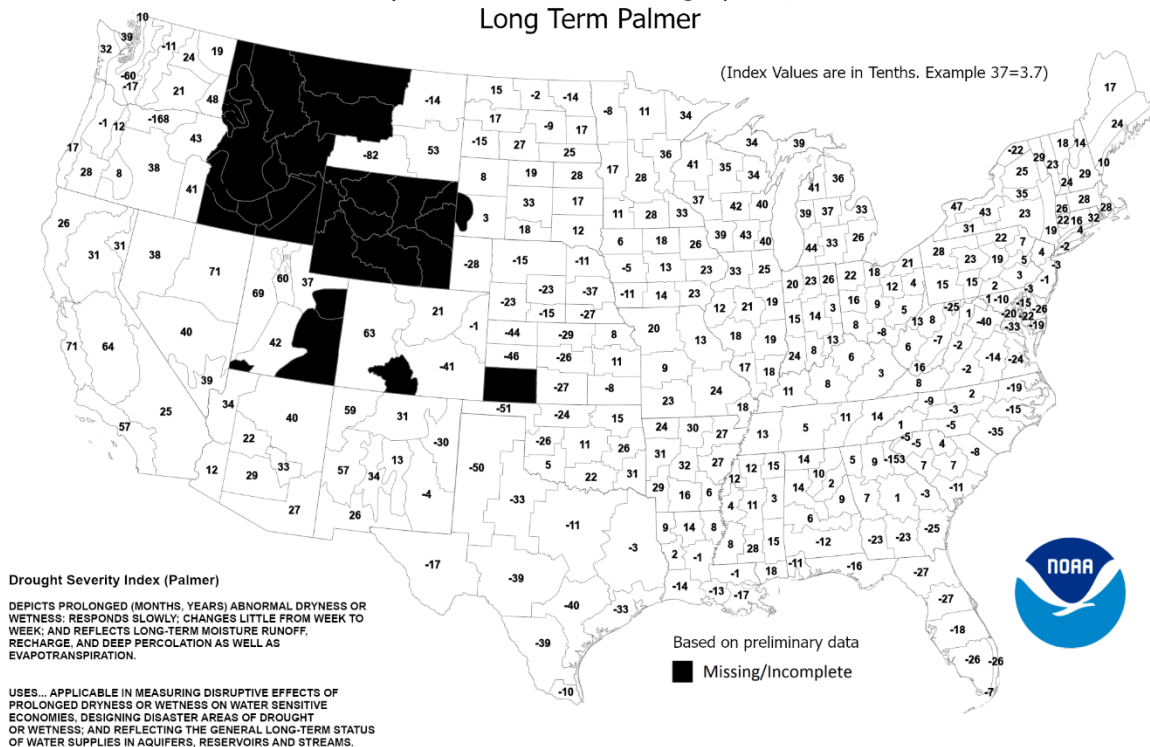
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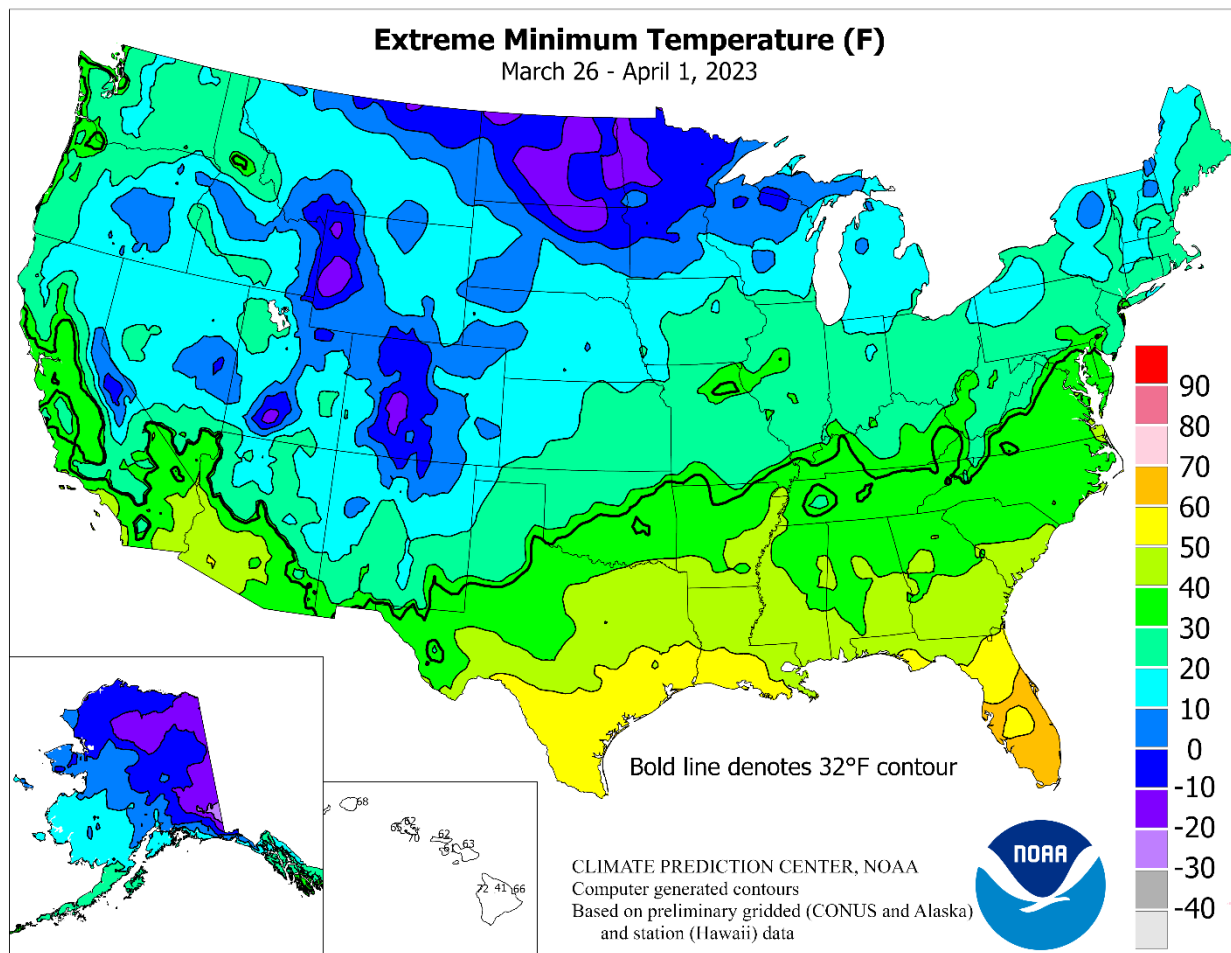
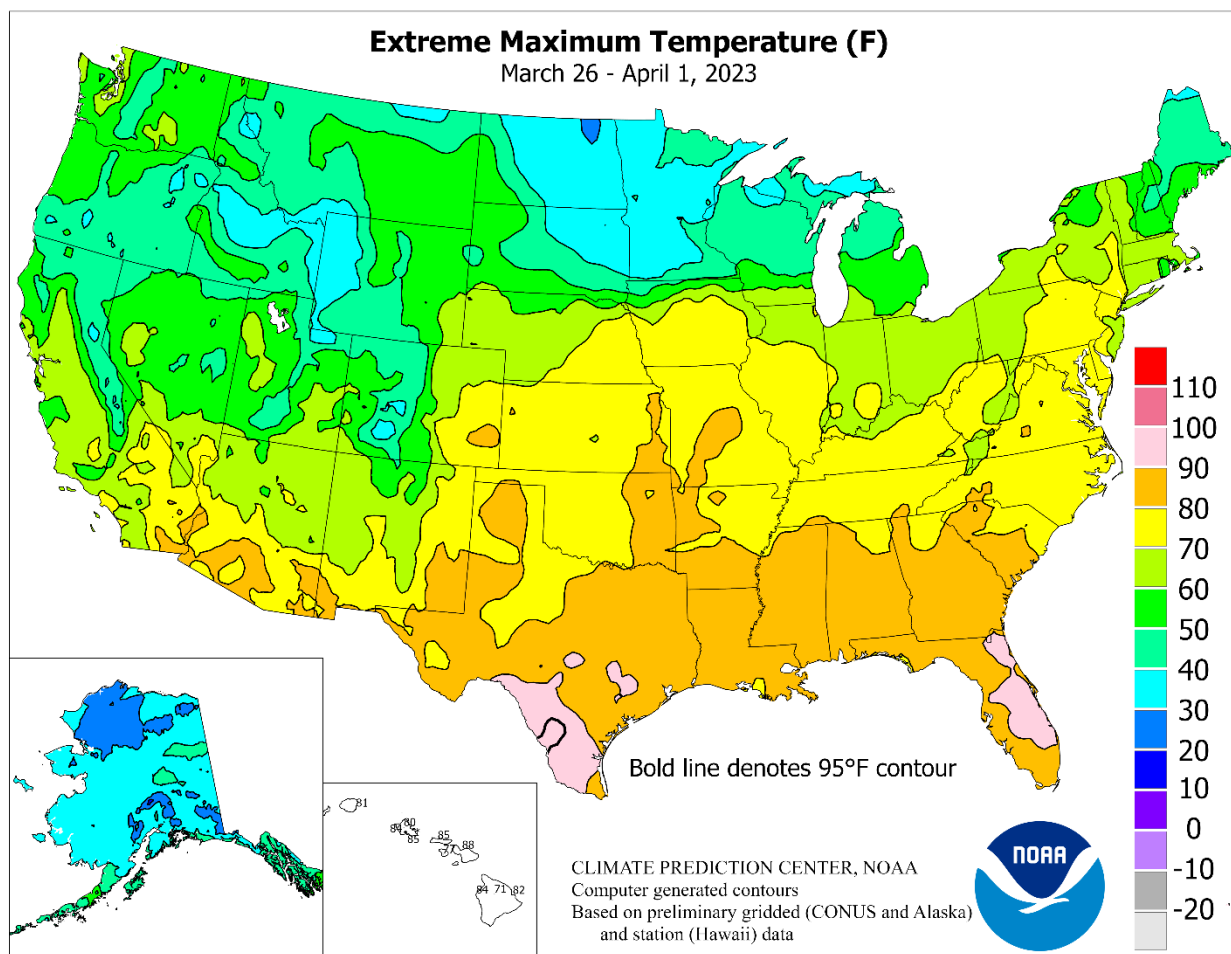


Drought Severity Index by Division Weekly Value for Period Ending Apr 01, 2023 Long Term Palmer



Drought Severity Index by Division Weekly Value for Period Ending Apr 01, 2023 Long Term Palmer



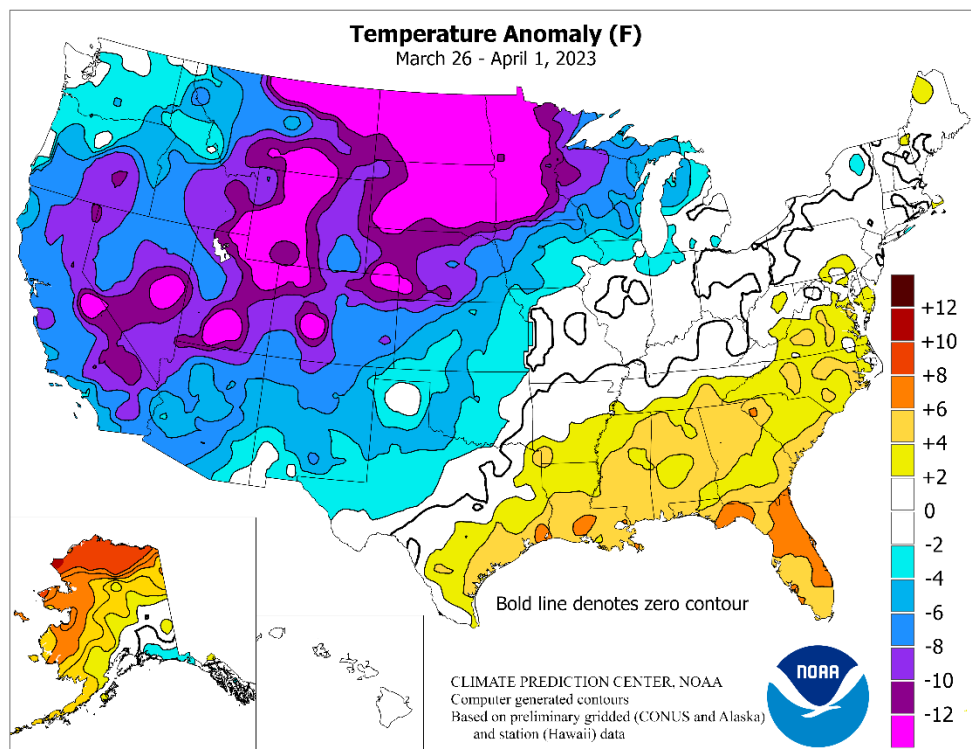


(Continued from front cover)

reports. Meanwhile, heavy rain (locally 2 to 4 inches or more) fell across the **lower Southeast**, excluding **Florida's peninsula**, while snow blanketed areas from **South Dakota to northern Michigan**. Mountain snow fell in the **West**, boosting the water equivalency of the **Sierra Nevada** snowpack above 60 inches (about 235 percent of average), according to the California Department of Water Resources. Elsewhere, windy, dry weather dominated the **southern High Plains** and parts of the **Southwest**, periodically raising dust and maintaining significant stress on rangeland, pastures, and winter grains. In **western Texas**, **Lubbock** reported wind gusts to 50 mph on higher on March 24, 25, 27, and 31. Weekly temperatures averaged 10 to 20°F below normal in the **north-central U.S.**, including much of **western Minnesota**, **northeastern Montana**, and the **Dakotas**. Readings also averaged at least 10°F below normal in scattered locations across **California**, the **Great Basin**, and the **Intermountain West**. In contrast, temperatures averaged more than 5°F above normal in the **Southeast**, from the **western Gulf Coast region to the southern Atlantic Coast**.

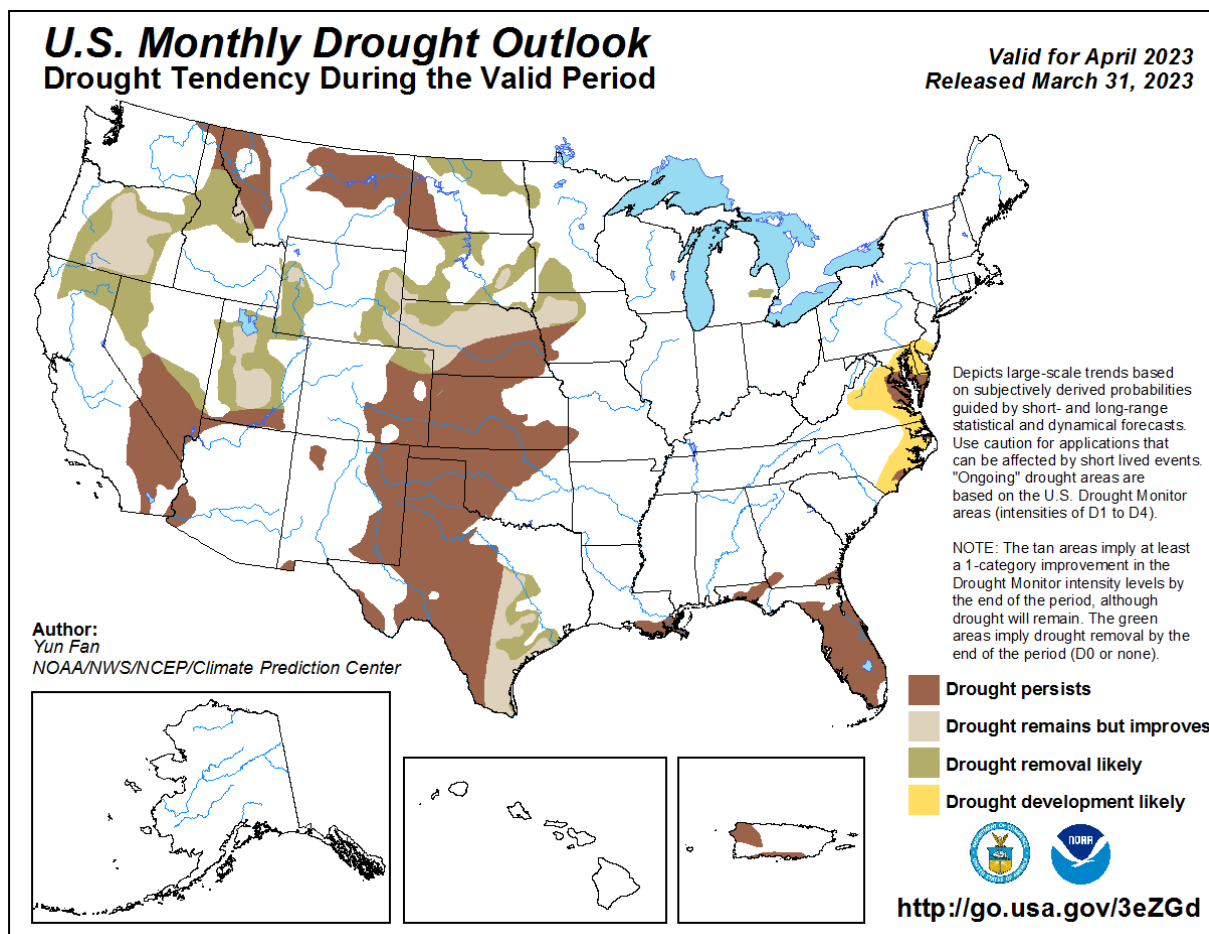
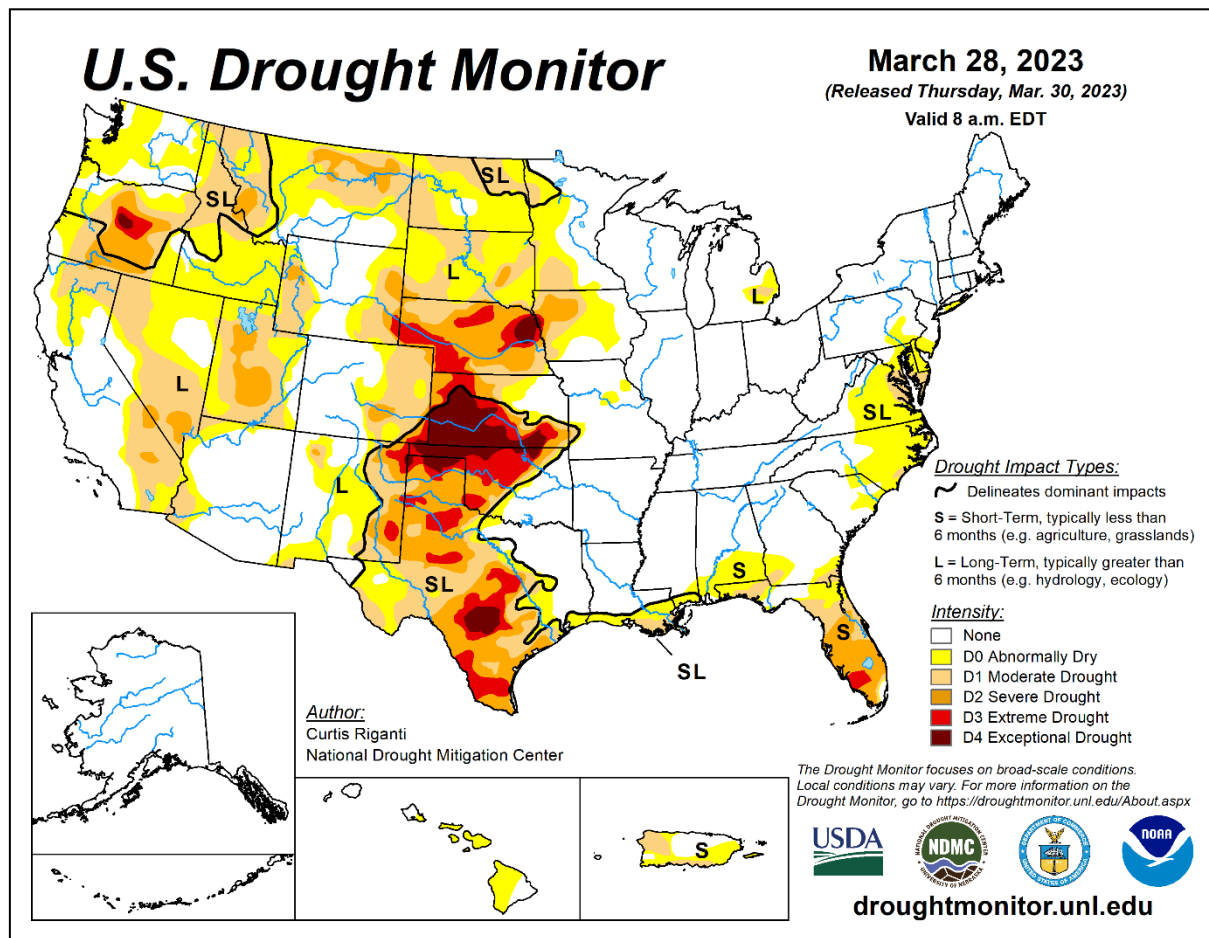
Record-setting warmth dominated the **southern Atlantic States**, following the previous week's cold snap. Nevertheless, **Southeastern** producers continued to assess sensitive crops, such as peaches and blueberries, for signs of freeze injury. On March 26, daily-record highs topped the 90-degree mark in **Florida** locations such as **Leesburg** (92°F) and **Daytona Beach** (91°F). The following day, record-setting highs for March 27 reached 90°F at **Jacksonville, FL**, and **St. Simons Island, GA**. **West Palm Beach, FL**, collected a daily-record high of 91°F on March 28. Late in the week, warmth continued in **Florida** and expanded across the **Deep South**. On the last day of March, **Fort Myers, FL**, posted a daily-record high. By April 1, highs again reached or exceeded the 90-degree mark, setting daily records, in **Florida** locations such as **Melbourne** (92°F) and **Jacksonville** (90°F). **St. Simons Island** again attained 90°F on April 1. Elsewhere on the first day of April, daily-record highs included 90°F in **Lafayette, LA**, and 89°F in **Houston, TX**. In contrast, chilly conditions gripped the **northern Plains** and much of the **West**. **Yakima, WA**, opened the week on March 26-27 with consecutive lows of 21°F, tying a daily record with the initial reading. March 27 featured daily-record lows in dozens of **Western** communities, including sub-zero readings in **Big Piney, WY** (-10°F), and **Ely, NV** (-1°F). **Big Piney** set another sub-zero, daily-record reading on March 28, with -16°F—and notched 18 days during the month with readings below 0°F, a 21st century record for March (previously, 11 days in 2019). By mid-week, already-cold conditions intensified across the **north-central U.S.**, where daily-record lows for March 29 plunged to -14°F in **Aberdeen, SD**; -13°F in **Bismarck, ND**; and -10°F in **Brainerd, MN**. Late in the week, daily-record minima in **California** included 12°F (on March 31) at **Big Bear Lake** and 33°F (on April 1) in **Thermal**. Elsewhere, April 1 was the last of 143 consecutive days with high temperatures below 40°F in **Fargo, ND**, the second-longest such streak on record in that location, behind only 152 days from November 10, 1978 – April 10, 1979.

As the week began, heavy snow in **northern Maine** totaled 8.0 inches (on March 26) in **Caribou**, a record for the date. Snow also blanketed the **northern Rockies** and adjacent **High Plains**, where daily-record totals (for the 26th) in **Montana** reached 7.8 inches at **Montana State University (MSU) in Bozeman** and 5.0 inches in **Billings**. The 3-day (March 25-27) total in **Billings** climbed to 11.7 inches. Similarly, **MSU** reported a March 26-27 total of 17.1 inches, while the nearby **Bozeman Airport** set March records for 1- and 2-day snowfall—9.5 inches on March 25 and 11.5 inches on March 25-26, respectively. Meanwhile, heavy showers dotted the **Southeast**, resulting in a daily-record total (2.93 inches) for March 27 in **Florence, SC**. On March 28 in **Georgia**, the **Flint River near Carsonville** crested 16.43 feet above flood stage, reaching its highest level since the record-setting flood of July 1994. On the same date in **Macon, GA**, at the 5th Street Bridge, the **Ocmulgee River** rose 9.78 feet above flood stage, the highest level in that location since March 1998. Heavy rain also fell across the **southern tip of Texas**, where **McAllen** netted a



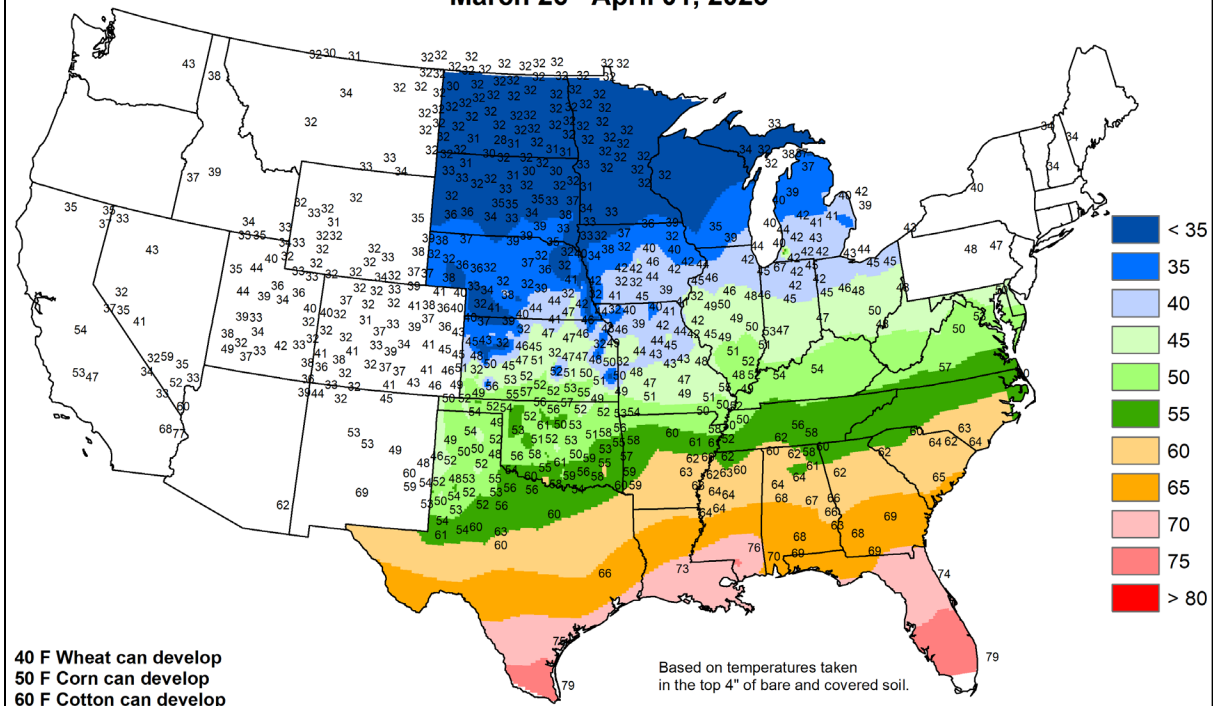
daily-record sum (2.91 inches) for March 28. Farther west, heavy precipitation returned across parts of **California** and later spread inland. In **northern California**, record-setting rainfall totals for March 28 reached 1.97 inches in **Mt. Shasta City** and 1.64 inches in **Ukiah**. A day later in **southern California**, daily-record totals (for the 29th) included 0.98 inch at **LAX Airport** and 0.94 inch in **Long Beach**. A flood disaster, months in the making, continued to unfold in the formerly dry and heavily agricultural **Tulare Lake basin of California's San Joaquin Valley**, with a record-setting snowpack in the **southern Sierra Nevada** still left to melt. Farther inland, **Winnemucca, NV**, received 6.8 inches of snow on March 28-29, including a daily-record sum of 4.6 inches on the latter date. With 33.3 inches of snow falling in **Alta, UT**, on the last 2 days of the month, the March total climbed to 191.0 inches, 268 percent of normal. Late in the week, the storm careened eastward. On March 31, snowfall in **South Dakota** totaled 10.0 inches in **Pierre**, 8.6 inches in **Sisseton**, and 7.5 inches in **Aberdeen**, with respective peak wind gusts clocked to 53, 46, and 53 mph. Daily-record snowfall amounts on April 1 reached 18.6 inches in **Sault Sainte Marie, MI**, and 10.4 inches in **Rhineland, WI**. Farther south, daily-record precipitation totaled topped 2 inches on March 31 in **Rochester, MN** (2.15 inches) and **Grand Rapids, MI** (2.02 inches). Meanwhile, dozens of tornadoes swept across at least 10 states on March 31, resulting in well over two dozen fatalities. One long-track tornado, an EF-3 that touched down at 11:02 pm CDT, swept some 86 miles in 95 minutes across **Tennessee** from **Hardeman** to **Lewis County**, with nine deaths reported in **McNairy County**.

Mild weather continued across much of **Alaska**, with near-normal temperatures limited to the southeastern part of the state. Weekly temperatures averaged 10 to 15°F above normal in parts of **northern and western Alaska**. Although much of **Alaska** received only light precipitation, higher totals were reported in some western locations. Notably, **Bethel** netted a daily-record precipitation total (0.72 inch) on March 26, accompanied by a southerly wind gust to 43 mph. Monthly precipitation climbed to 2.62 inches (354 percent of normal) in **Nome** and 1.80 inches (346 percent) in **Kotzebue**. In contrast, **Anchorage** completed a rather dry month, with a March sum of 0.14 inch (20 percent of normal) and just 2.1 inches of snow. Meanwhile in **Sitka**, March precipitation totaled 3.06 inches (55 percent of normal). Farther south, warm weather and spotty showers in **Hawaii** capped a month featuring mostly near- or below-normal rainfall. On **Maui**, **Kahului** tied a daily record with a high of 88°F on March 30. **Lihue, Kauai**, was one of the late-month wet spots, with rainfall totaling 1.63 and 1.26 inches, respectively, on March 29 and 31. **Lihue's** March rainfall of 6.12 inches was 109 percent of normal. Meanwhile on the **Big Island**, **Hilo** received a March sum of 7.40 inches (58 percent of normal).



Average Soil Temperature (Deg. F)

March 26 - April 01, 2023

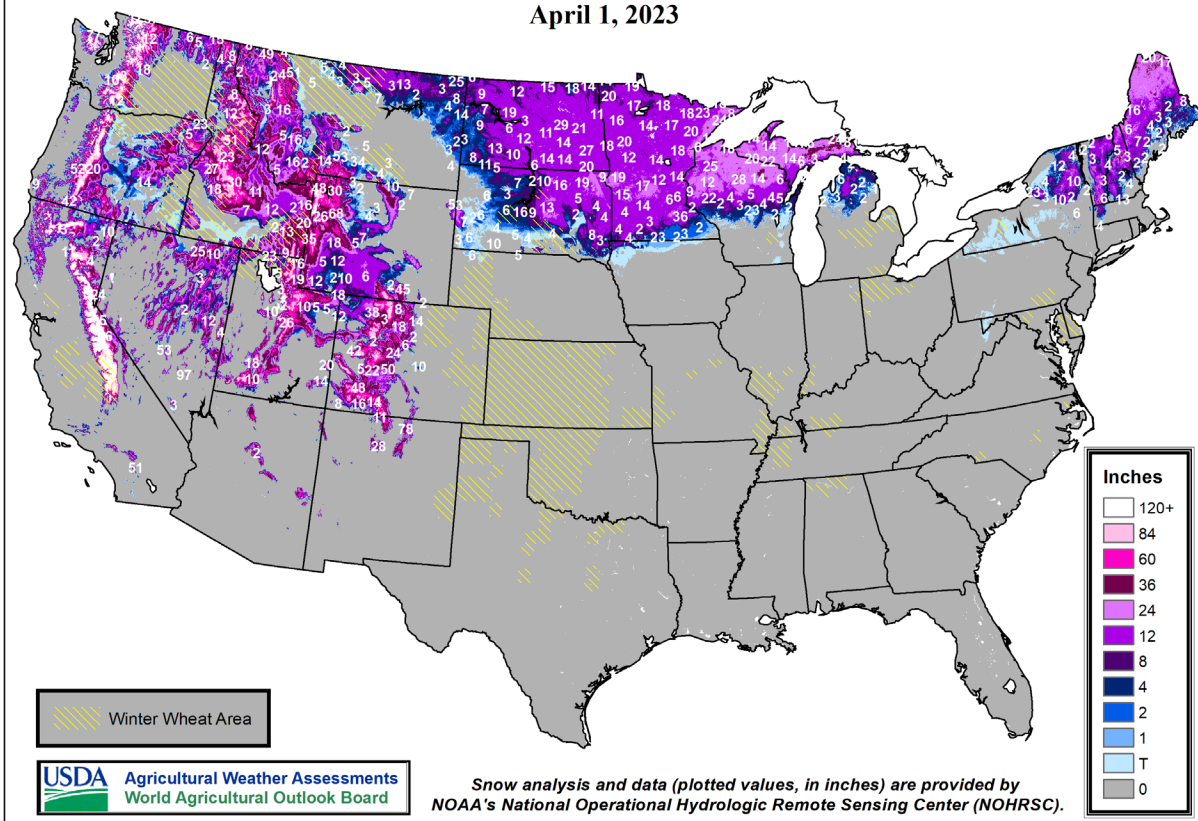


Data provided by the Climate Prediction Center, High Plains Regional Climate Center, Nebraska Mesonet at Univ of Nebraska, CoAgMet at Colorado State Univ, Kansas Mesonet at Kansas State Univ, North Dakota Agricultural Weather Network at North Dakota State Univ, Wyoming State Climate Office at the Univ 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.



Snow Depth

April 1, 2023



National Weather Data for Selected Cities

Weather Data for the Week Ending April 1, 2023

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	TEMP. °F		PRECIP	
																			01 INCH OR MORE	.50 INCH OR MORE		
AK	ANCHORAGE	35	24	38	13	29	0	0.01	-0.12	0.01	0.15	21	2.38	102	88	57	0	7	1	0		
	BARROW	15	2	27	-6	8	0	0.06	0.01	0.03	0.19	102	1.76	324	91	73	0	7	3	0		
	FAIRBANKS	34	10	42	0	22	3	0.10	0.02	0.08	0.33	80	1.99	129	77	39	0	7	2	0		
	JUNEAU	44	28	47	23	36	0	0.19	-0.54	0.14	2.83	75	14.08	99	93	49	0	6	3	0		
	KODIAK	42	30	48	27	36	1	0.19	-1.01	0.11	1.95	39	12.73	64	84	56	0	5	2	0		
AL	NOME	28	13	35	0	20	8	0.89	0.73	0.33	2.94	385	5.23	194	98	81	0	7	4	0		
	BIRMINGHAM	77	51	83	41	64	5	0.28	-0.91	0.28	4.57	78	16.41	103	84	31	0	0	1	0		
	HUNTSVILLE	74	49	80	39	61	3	0.25	-0.94	0.14	5.86	105	15.83	101	87	30	0	0	3	0		
	MOBILE	79	60	87	47	70	6	2.90	1.69	2.08	5.05	89	12.11	76	92	50	0	0	5	2		
	MONTGOMERY	79	55	84	42	67	5	3.30	2.24	2.26	5.08	94	13.37	89	91	45	0	0	4	2		
AR	FORT SMITH	72	47	86	39	59	2	0.22	-0.74	0.22	7.05	174	12.91	133	83	29	0	0	1	0		
	LITTLE ROCK	73	50	81	41	62	5	0.13	-0.99	0.13	8.44	164	22.07	175	74	31	0	0	1	0		
AZ	FLAGSTAFF	46	17	55	10	32	-9	0.24	-0.08	0.22	7.22	375	16.08	261	81	27	0	7	2	0		
	PHOENIX	75	51	82	48	63	-6	0.00	-0.12	0.00	1.44	170	2.81	109	52	12	0	0	0	0		
CA	PRESCOTT	58	29	67	23	43	-7	0.04	-0.12	0.04	2.06	208	5.47	157	71	16	0	5	1	0		
	TUCSON	75	45	84	41	60	-4	0.00	-0.11	0.00	0.66	114	2.96	131	44	11	0	0	0	0		
	BAKERSFIELD	64	41	72	36	53	-7	0.44	0.20	0.44	2.30	194	6.68	188	86	36	0	0	1	0		
	EUREKA	51	39	54	30	45	-5	0.85	-0.35	0.63	7.19	121	17.05	93	88	67	0	1	4	1		
	FRESNO	62	43	67	38	52	-7	0.39	0.00	0.31	4.09	209	12.11	200	89	37	0	0	3	0		
CO	LOS ANGELES	63	48	72	45	56	-4	1.66	1.38	0.84	7.35	415	18.69	245	84	44	0	0	2	2		
	REDDING	56	39	60	32	47	-8	1.70	0.85	1.09	11.33	239	24.42	150	86	47	0	1	5	2		
	SACRAMENTO	58	42	64	33	50	-7	0.89	0.39	0.85	5.10	185	12.89	130	90	47	0	0	2	1		
	SAN DIEGO	64	49	69	47	56	-5	0.43	0.19	0.22	3.91	260	10.81	190	81	45	0	0	2	0		
	SAN FRANCISCO	57	45	61	41	51	-5	1.28	0.77	0.63	6.56	234	19.07	179	83	48	0	0	3	2		
CT	STOCKTON	60	40	66	34	50	-8	0.98	0.59	0.69	5.20	265	12.80	179	91	46	0	0	2	1		
	ALAMOSA	49	10	60	-1	30	-9	0.00	-0.13	0.00	0.31	58	0.98	86	77	14	0	7	0	0		
	CO SPRINGS	54	21	67	9	37	-7	0.03	-0.18	0.02	0.08	10	0.98	67	62	13	0	7	2	0		
	DENVER INTL	52	21	69	13	36	-9	0.05	-0.20	0.05	0.47	52	1.94	115	77	25	0	7	1	0		
	GRAND JUNCTION	51	26	64	16	38	-10	0.08	-0.13	0.08	1.68	202	3.06	155	82	29	0	7	1	0		
DC	PUEBLO	62	20	76	6	41	-7	0.00	-0.23	0.00	0.10	11	0.72	48	61	9	0	6	0	0		
	BRIDGEPORT	53	35	63	28	44	1	0.55	-0.35	0.35	3.72	88	9.93	94	88	35	0	2	2	0		
	HARTFORD	56	32	68	24	44	2	0.64	-0.18	0.32	4.42	112	11.96	115	87	32	0	4	4	0		
	WASHINGTON	65	44	78	37	55	3	0.27	-0.53	0.24	1.75	48	5.42	59	80	35	0	0	3	0		
	WILMINGTON	62	37	74	31	50	2	0.50	-0.43	0.42	2.69	62	6.73	65	82	34	0	1	2	0		
DE	FL	84	63	91	54	74	6	0.00	-0.79	0.00	1.61	43	3.56	40	94	46	3	0	0	0		
	JACKSONVILLE	83	58	90	46	70	6	0.15	-0.61	0.15	3.04	89	6.35	66	95	46	2	0	1	0		
	KEY WEST	83	76	87	73	80	4	0.10	-0.24	0.10	0.27	16	0.36	7	87	67	0	0	1	0		
	MIAMI	85	73	88	68	79	5	3.55	2.91	2.48	4.00	156	7.63	116	89	57	0	0	4	2		
	ORLANDO	88	64	92	60	76	7	0.00	-0.70	0.00	0.14	4	1.68	21	93	38	4	0	0	0		
GA	PENSACOLA	79	64	86	52	71	6	1.02	-0.19	0.96	3.06	56	9.42	61	92	59	0	0	4	1		
	TALLAHASSEE	82	60	88	47	71	8	0.97	-0.03	0.93	3.34	62	13.89	98	95	49	0	0	3	1		
	TAMPA	85	68	87	63	76	6	0.00	-0.59	0.00	0.35	13	2.35	29	90	54	0	0	0	0		
	WEST PALM BEACH	87	73	91	70	80	7	0.03	-0.74	0.02	0.13	3	1.44	15	84	50	2	0	2	0		
	ATHENS	74	51	81	39	63	5	1.62	0.73	1.02	4.39	97	16.40	124	90	39	0	0	3	1		
HI	ATLANTA	75	53	81	45	64	5	2.67	1.71	1.91	5.89	122	15.37	110	79	36	0	0	3	2		
	AUGUSTA	74	51	82	37	62	2	1.90	1.04	0.99	4.32	102	16.09	137	98	48	0	0	3	2		
	COLUMBUS	77	54	83	42	65	4	2.77	1.76	1.70	4.79	94	13.41	97	95	44	0	0	4	2		
	MACON	76	53	83	39	65	4	1.79	0.84	1.72	5.41	121	16.39	126	97	49	0	0	2	1		
	SAVANNAH	78	57	85	45	68	5	0.30	-0.53	0.21	2.92	80	10.11	104	90	43	0	0	2	0		
IA	HILO	80	69	82	66	74	2	0.97	-1.73	0.48	7.48	57	46.03	147	92	64	0	0	7	0		
	HONOLULU	83	72	85	70	78	2	0.10	-0.33	0.05	2.71	113	6.25	101	87	62	0	0	3	0		
	KAHULUI	86	66	88	63	76	2	0.00	-0.52	0.00	1.44	53	7.23	101	88	48	0	0	0	0		
	LIHUE	79	71	81	68	75	1	3.06	2.02	1.25	6.23	109	19.81	163	90	70	0	0	4	3		
	BURLINGTON	57	34	74	30	45	-1	0.00	-0.61	0.00	2.82	112	6.80	120	84	40	0	2	0	0		
ID	CEDAR RAPIDS	53	28	72	22	41	-2	0.23	-0.30	0.22	0.60	29	3.70	87	85	40	0	6	2	0		
	DES MOINES	55	29	78	23	42	-3	0.03	-0.57	0.03	1.33	58	4.94	105	81	38	0	6	1	0		
	DUBUQUE	50	27	69	24	38	-3	0.27	-0.37	0.14	1.57	66	6.71	127	87	49	0	6	2	0		
	SIOUX CITY	49	23	72	17	37	-6	0.29	-0.26	0.16	1.22	66	3.94	116	86	39	0	7	3	0		
	WATERLOO	52	25	77	18	39	-4	0.64	0.06	0.32	1.69	80	5.89	138	84	42	0	6	3	0		
IL	BOISE	48	33	51	22	40	-7	1.07	0.75	0.80	2.45	178	3.52	93	82	44	0	2	3	1		
	LEWISTON	52	38	56	31	45	-3	0.28	-0.04	0.11	1.09	80	1.81	51	83	36	0	2	4	0		
	POCATELLO	42	27	53	17	35	-8	0.57	0.30	0.24	1.73	138	3.60	108	94	52	0	6	5	0		
	CHICAGO/O_HARE	52	33	70	27	42	-1	1.35	0.72	1.19	3.80	149	10.09	155	80	43	0	5	3	1		
	MOLINE	57	32	70	28	44	-1	0.57	-0.06	0.53	2.58	94	8.21	132	80	40	0	5	2	1		
IN	PEORIA	59	35	73	32	47	1	1.03	0.35	0.97	4.60	164	9.45	137	85	40	0	2	3	1		
	ROCKFORD	51	28	70	24	39	-4	1.04	0.39	0.77	3.28	131	8.93	155	86	46	0	6	2	1		
	SPRINGFIELD	62	35	79	28	48	0	0.48	-0.21	0.39	3.46	121	7.03	103	87	39	0	2	2	0		
	EVANSVILLE	63	37	71	32	50	-1	0.79	-0.24	0.79	8.57	180	16.85	148	90	39	0	1	1	1		
	FORT WAYNE	64	30	124	21	47	4	0.91	0.17	0.83	4.78	163	11.57	153	88	43	1	5	4	1		
KS	INDIANAPOLIS	58	34	68	27	46	-1	0.89	-													

Weather Data for the Week Ending April 1, 2023

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
KY	WICHITA	62	36	75	30	49	-3	0.02	-0.56	0.02	0.11	4	2.59	58	81	34	0	2	1	0
	LEXINGTON	64	38	70	30	51	1	1.18	0.20	0.98	4.78	103	14.71	126	83	33	0	1	2	1
LA	LOUISVILLE	65	41	71	34	53	0	1.18	0.17	1.10	7.09	149	14.83	128	80	32	0	0	2	1
	PADUCAH	67	40	75	32	53	0	0.26	-0.76	0.22	9.17	191	20.13	159	89	34	0	1	2	0
MA	BATON ROUGE	82	61	88	49	71	7	1.19	0.17	0.85	3.45	74	17.07	110	92	47	0	0	5	1
	LAKE CHARLES	79	62	88	52	71	5	0.17	-0.71	0.07	1.55	40	8.81	68	94	53	0	0	4	0
ME	NEW ORLEANS	79	64	86	51	72	5	0.39	-0.62	0.31	2.14	47	7.74	55	94	55	0	0	3	0
	SHREVEPORT	78	54	84	48	66	4	0.00	-1.11	0.00	0.00	0	0.00	0	85	34	0	0	0	0
MI	BOSTON	51	36	63	32	43	1	1.06	0.12	0.39	4.31	100	10.81	99	86	38	0	2	5	0
	WORCESTER	51	31	63	24	41	3	0.99	0.06	0.44	4.78	110	12.55	113	85	32	0	4	4	0
MN	BALTIMORE	64	39	77	33	52	3	0.45	-0.43	0.39	1.83	44	5.63	55	79	33	0	0	2	0
	CARIBOU	36	26	40	20	31	1	0.69	0.07	0.46	2.20	76	8.83	107	89	61	0	7	4	0
MO	PORTLAND	46	28	51	23	37	-1	0.84	-0.08	0.50	3.06	72	12.31	109	89	41	0	5	3	1
	ALPENA	42	21	49	12	32	-3	1.11	0.63	0.64	3.08	162	7.43	142	94	45	0	7	2	1
MS	GRAND RAPIDS	49	28	58	17	38	-2	2.44	1.78	2.00	5.00	200	11.07	155	88	44	0	6	6	1
	HOUGHTON LAKE	42	21	45	14	31	-4	1.62	1.10	1.21	3.68	196	7.37	148	92	48	0	7	4	1
MT	LANSING	51	28	58	18	40	-1	2.31	1.74	1.72	4.58	206	9.59	159	88	39	0	6	6	1
	MUSKEGON	48	28	57	19	38	-2	1.37	0.74	1.18	4.31	172	10.10	143	85	45	0	6	4	1
NC	TRAVERSE CITY	44	23	48	18	34	-3	1.16	0.72	0.93	2.14	131	4.61	106	89	46	0	6	3	1
	DULUTH	32	14	39	2	23	-9	0.21	-0.19	0.16	2.96	193	7.66	220	78	36	0	7	2	0
ND	INT_L FALLS	32	5	42	-5	19	-12	0.01	-0.28	0.01	3.90	368	4.67	184	74	32	0	7	1	0
	MINNEAPOLIS	38	21	44	11	29	-10	1.56	1.06	1.37	2.80	159	7.36	209	82	41	0	7	3	1
NE	ROCHESTER	38	21	42	13	30	-8	2.48	1.85	2.13	3.62	171	8.29	201	93	56	0	7	4	1
	ST. CLOUD	33	12	41	-1	22	-13	1.11	0.66	1.03	2.88	176	6.24	204	85	46	0	7	3	1
OH	COLUMBIA	63	39	82	30	51	1	0.16	-0.62	0.07	2.63	84	6.67	90	85	36	0	1	4	0
	KANSAS CITY	59	33	79	27	46	-3	0.03	-0.59	0.03	2.68	109	7.28	142	86	38	0	4	1	0
OK	SAINT LOUIS	64	41	79	33	52	1	0.41	-0.52	0.20	4.97	136	9.07	107	81	34	0	0	5	0
	SPRINGFIELD	63	38	80	30	50	-1	0.73	-0.13	0.69	6.75	185	12.21	142	89	35	0	3	3	1
OR	JACKSON	79	54	85	43	66	5	2.42	1.09	2.13	5.33	90	17.20	104	88	35	0	0	3	1
	MERIDIAN	80	52	85	40	66	5	1.83	0.68	1.42	3.76	64	19.86	118	92	34	0	0	3	1
PA	TUPELO	76	49	85	38	63	4	0.69	-0.51	0.67	9.13	164	18.38	117	80	26	0	0	3	1
	BILLINGS	36	23	54	17	29	-13	0.46	0.17	0.37	1.46	155	2.57	125	91	66	0	6	3	0
RI	BUTTE	34	17	40	7	26	-10	0.44	0.23	0.26	0.86	127	1.47	96	93	56	0	7	6	0
	CUT BANK	38	21	47	14	29	-7	0.03	-0.09	0.03	0.22	57	0.49	58	93	54	0	7	1	0
SC	GLASGOW	30	10	42	-1	20	-18	0.08	-0.06	0.06	1.07	215	2.92	228	85	70	0	7	2	0
	GREAT FALLS	43	22	54	16	32	-6	0.14	-0.09	0.14	1.23	169	2.87	153	94	48	0	7	1	0
SD	HAVRE	33	15	48	1	24	-14	0.04	-0.11	0.02	0.43	80	1.27	94	95	68	0	7	3	0
	MISSOULA	45	29	48	20	37	-4	0.21	-0.05	0.09	0.71	73	2.18	77	93	48	0	4	5	0
TN	ASHEVILLE	67	40	78	1	53	1	0.31	-0.57	0.29	2.19	55	9.87	85	89	34	0	1	2	0
	CHARLOTTE	71	49	79	39	60	4	0.73	-0.15	0.38	2.15	52	10.82	101	90	38	0	0	3	0
TX	GREENSBORO	67	47	76	38	57	3	0.65	-0.22	0.24	3.00	78	10.32	102	92	36	0	0	5	0
	HATTERAS	66	50	74	38	58	1	1.38	0.41	0.73	3.02	66	8.66	62	93	49	0	0	5	2
VA	RALEIGH	71	50	79	39	60	5	1.12	0.19	0.54	3.10	73	8.67	83	90	44	0	0	6	1
	WILMINGTON	74	54	79	41	64	5	1.92	1.08	1.18	2.71	66	8.13	71	91	51	0	0	4	2
WY	BISMARCK	28	3	37	-13	16	-21	0.03	-0.20	0.03	1.52	173	2.48	131	85	62	0	7	1	0
	DICKINSON	29	10	42	-4	20	-16	0.00	-0.19	0.00	0.19	31	0.29	25	92	67	0	7	0	0
AZ	FARGO	27	0	38	-14	14	-21	0.15	-0.16	0.14	1.87	144	2.51	93	82	54	0	7	2	0
	GRAND FORKS	25	-2	34	-13	11	-21	0.12	-0.11	0.12	1.10	116	1.54	79	84	61	0	7	1	0
CA	JAMESTOWN	26	1	32	-6	13	-20	0.01	-0.18	0.01	0.25	34	0.47	33	83	60	0	7	1	0
	GRAND ISLAND	51	22	76	9	36	-10	0.19	-0.24	0.19	0.70	48	2.60	92	84	47	0	7	1	0
ID	LINCOLN	56	26	79	13	41	-5	0.00	-0.45	0.00	0.61	37	2.81	87	80	34	0	6	0	0
	NORFOLK	52	22	72	16	37	-6	0.04	-0.41	0.04	0.55	36	2.90	99	86	33	0	7	1	0
MT	NORTH PLATTE	50	19	66	12	34	-10	0.06	-0.24	0.03	0.41	39	2.35	116	88	39	0	7	2	0
	OMAHA	54	25	75	17	40	-7	0.12	-0.42	0.12	0.81	43	3.81	106	87	37	0	6	1	0
NE	SCOTTSBLUFF	50	20	68	10	35	-9	0.09	-0.21	0.06	0.41	39	2.22	111	91	48	0	7	3	0
	VALENTINE	43	17	59	11	30	-12	0.21	-0.11	0.21	0.69	64	4.27	213	91	44	0	7	1	0
NH	CONCORD	48	24	55	18	36	-2	0.63	-0.11	0.37	4.05	119	11.13	124	94	39	0	6	5	0
	ATLANTIC CITY	59	34	67	26	47	0	0.95	0.00	0.58	2.89	62	8.37	74	89	41	0	3	2	1
NJ	NEWARK	60	39	74	31	50	3	0.47	-0.43	0.26	3.53	83	9.14	85	79	25	0	1	3	0
	ALBUQUERQUE	60	33	70	28	47	-6	0.01	-0.10	0.01	0.52	109	1.14	90	55	12	0	3	1	0
NM	ELY	39	13	49	0	26	-14	0.40	0.15	0.40	1.98	193	4.83	185	80	39	0	7	1	0
	LAS VEGAS	64	44	72	40	54	-10	0.01	-0.05	0.01	0.50	116	1.45	81	46	12	0	0	1	0
NV	RENO	51	29	57	22	40	-8	0.20	0.07	0.09	1.95	238	5.53	178	79	25	0	5	3	0
	WINNEMUCCA	47	25	59	13	36	-8	0.80	0.58	0.47	2.10	232	3.12	164	83	38	0	4	3	0
NY	ALBANY	54	28	74	20	41	0	0.89	0.21	0.45	4.50	141	9.61	119	86	29	0	6	6	0
	BINGHAMTON	51	28	69	19	39	3	0.87	0.12	0.46	3.11	98	8.29	101	86	35	0	6	5	0
OH	BUFFALO	47	29	62	22	38	0	1.57	0.91	0.90	4.70	157	11.12	126	89	52	0	5	4	1
	ROCHESTER	50	28	67	21	39	-1	0.91	0.33	0.67	3.47	134	9.38	129	90	43	0	7	5	1
PA	SYRACUSE	51	28	73	24	40	1	0.90	0.17	0.62	3.81	120	10.37	126	84	36	0	6	4	1

Weather Data for the Week Ending April 1, 2023

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	55	32	62	22	43	-1	0.26	-0.39	0.21	3.21	118	10.59	144	86	43	0	3	4	0
	YOUNGSTOWN	54	30	66	19	42	0	0.81	0.04	0.42	4.56	137	11.41	128	89	42	0	4	4	0
	OKLAHOMA CITY	64	41	76	34	53	-3	0.02	-0.63	0.02	2.56	97	4.93	91	84	36	0	0	1	0
OR	TULSA	66	42	80	31	54	-2	0.39	-0.41	0.39	3.68	114	8.30	128	86	31	0	1	1	0
	ASTORIA	50	38	58	34	44	-3	1.64	0.00	0.83	8.01	98	19.26	74	92	60	0	0	5	1
	BURNS	39	22	44	8	30	-11	0.49	0.26	0.31	3.17	316	5.26	160	87	55	0	7	3	0
	EUGENE	51	37	59	31	44	-4	1.72	0.72	0.71	4.92	102	9.66	62	94	59	0	2	5	2
	MEDFORD	52	36	55	31	44	-6	0.53	0.13	0.28	2.14	115	3.67	56	88	38	0	2	3	0
	PENDLETON	51	37	55	26	44	-3	0.33	0.03	0.11	0.93	67	2.26	55	83	43	0	1	5	0
PA	PORTLAND	53	40	58	35	47	-3	0.67	-0.15	0.24	4.37	106	10.13	79	88	47	0	0	5	0
	SALEM	51	36	58	29	43	-6	1.45	0.56	0.50	5.35	119	11.50	76	95	61	0	2	5	1
	ALLENTOWN	58	32	73	24	45	0	0.59	-0.23	0.47	3.20	85	8.24	83	85	30	0	4	3	0
	ERIE	50	32	68	20	41	1	1.56	0.84	0.80	5.03	157	13.71	150	88	45	0	3	4	1
	MIDDLETOWN	59	37	72	31	48	2	0.37	-0.50	0.19	2.97	77	6.43	68	82	33	0	1	3	0
	PHILADELPHIA	60	39	71	33	50	2	0.65	-0.23	0.50	2.47	60	7.11	71	86	32	0	0	2	1
RI	PITTSBURGH	56	33	67	25	44	0	0.64	-0.09	0.35	2.89	88	7.86	89	83	33	0	3	4	0
	WILKES-BARRE	56	32	72	24	44	1	0.42	-0.24	0.28	2.37	82	6.11	81	83	29	0	3	4	0
	WILLIAMSPORT	57	31	74	24	44	1	0.57	-0.19	0.29	1.52	46	4.89	57	83	28	0	4	4	0
SC	PROVIDENCE	51	32	61	26	42	-1	0.89	-0.24	0.47	5.34	105	13.49	108	91	38	0	4	4	0
	CHARLESTON	76	57	83	44	67	5	0.08	-0.70	0.05	1.32	38	8.77	88	91	51	0	0	2	0
	COLUMBIA	74	53	80	39	63	4	3.21	2.46	2.03	5.00	136	14.23	134	95	48	0	0	3	2
SD	FLORENCE	73	52	80	38	62	3	3.72	2.99	1.90	4.82	146	12.87	137	95	50	0	0	3	2
	GREENVILLE	73	49	81	36	61	5	1.57	0.60	1.10	4.19	90	14.79	117	85	32	0	0	3	1
	ABERDEEN	28	3	32	-14	15	-22	0.31	0.05	0.31	1.74	186	2.84	135	89	65	0	7	1	0
TN	HURON	31	15	38	7	23	-16	0.22	-0.16	0.22	0.80	66	1.70	66	88	65	0	7	1	0
	RAPID CITY	39	14	51	8	27	-13	0.54	0.23	0.48	1.46	151	2.70	152	95	55	0	7	3	0
	SIOUX FALLS	37	20	43	13	28	-12	0.39	-0.14	0.37	1.16	68	4.88	157	79	54	0	7	2	0
TX	BRISTOL	68	38	76	30	53	2	0.69	-0.20	0.49	4.19	102	13.26	114	87	30	0	2	2	0
	CHATTANOOGA	75	47	81	38	61	5	0.53	-0.62	0.39	5.73	103	15.36	98	81	27	0	0	3	0
	KNOXVILLE	71	44	78	35	58	3	0.62	-0.49	0.54	5.96	118	15.69	107	83	27	0	0	2	1
	MEMPHIS	71	50	79	42	60	2	0.07	-1.19	0.04	8.30	140	20.76	142	78	29	0	0	2	0
	NASHVILLE	71	43	79	34	57	2	0.34	-0.67	0.19	3.38	72	9.96	75	78	28	0	0	2	0
	ABILENE	71	49	78	40	60	-2	0.00	-0.33	0.00	1.03	59	3.04	73	69	33	0	0	0	0
UT	AMARILLO	68	34	82	24	51	-3	0.00	-0.32	0.00	0.32	24	0.81	32	66	11	0	4	0	0
	AUSTIN	79	56	90	52	68	2	0.04	-0.59	0.04	0.63	21	3.61	48	77	38	1	0	1	0
	BEAUMONT	80	64	89	57	72	6	0.10	-0.78	0.08	1.18	31	7.57	62	94	57	0	0	2	0
VA	BROWNSVILLE	83	67	89	59	75	1	0.85	0.53	0.85	1.16	77	1.70	47	100	65	0	0	1	1
	CORPUS CHRISTI	82	68	89	58	75	5	0.03	-0.40	0.02	0.72	31	1.61	32	96	59	0	0	2	0
	DEL RIO	82	59	94	56	71	2	0.27	0.00	0.27	1.84	150	2.06	83	71	28	3	0	1	0
	EL PASO	75	45	82	38	60	-2	0.00	-0.04	0.00	0.06	22	0.64	60	26	7	0	0	0	0
	FORT WORTH	74	54	88	47	64	2	0.04	-0.68	0.03	2.62	76	7.45	85	74	34	0	0	2	0
	GALVESTON	78	68	87	62	73	5	0.27	-0.33	0.14	2.04	66	5.81	61	93	66	0	0	3	0
WY	HOUSTON	79	61	89	54	70	4	0.08	-0.66	0.07	1.14	31	9.14	88	92	52	0	0	2	0
	LUBBOCK	70	37	81	28	53	-4	0.00	-0.27	0.00	0.00	0	0.74	30	64	15	0	3	0	0
	MIDLAND	73	42	79	36	58	-4	0.00	-0.18	0.00	0.00	0	0.40	20	64	19	0	0	0	0
WI	SAN ANGELO	73	46	82	40	60	-3	0.02	-0.30	0.01	0.57	37	2.00	54	88	29	0	0	2	0
	SAN ANTONIO	80	58	87	52	69	3	0.11	-0.40	0.10	1.28	54	3.16	52	85	40	0	0	2	0
	VICTORIA	81	64	90	53	72	5	0.38	-0.28	0.31	1.07	34	8.34	108	98	58	1	0	3	0
WV	WACO	75	48	89	39	62	-1	0.24	-0.43	0.22	1.38	40	6.06	69	93	37	0	0	3	0
	WICHITA FALLS	69	43	78	34	56	-3	0.00	-0.47	0.00	2.78	133	5.74	122	85	33	0	0	0	0
	SALT LAKE CITY	49	31	63	25	40	-9	1.20	0.73	0.55	2.83	155	6.38	140	83	39	0	4	5	1
	LYNCHBURG	70	44	81	35	57	6	0.61	-0.26	0.37	1.94	50	8.00	78	81	27	0	0	2	0
	NORFOLK	65	47	77	41	56	2	0.65	-0.16	0.27	1.64	43	6.86	67	93	44	0	0	5	0
	RICHMOND	68	45	76	39	56	4	0.94	0.09	0.37	1.52	36	6.50	65	89	38	0	0	5	0
WA	ROANOKE	70	44	81	38	57	5	0.61	-0.19	0.38	1.96	54	7.60	78	74	26	0	0	2	0
	WASH/DULLES	64	39	77	35	51	3	0.21	-0.60	0.20	1.76	48	5.38	58	83	35	0	0	2	0
	BURLINGTON	48	27	68	21	38	0	0.57	0.03	0.24	2.82	121	7.67	123	87	34	0	6	4	0
	OLYMPIA	53	35	62	26	44	-2	0.97	-0.16	0.43	3.83	65	10.70	57	91	49	0	3	4	0
	QUILLAYUTE	52	34	64	31	43	-2	1.73	-0.74	1.43	9.03	74	25.76	68	95	53	0	3	4	1
	SEATTLE-TACOMA	54	40	61	33	47	-2	0.40	-0.46	0.40	2.54	59	7.89	57	75	39	0	0	1	0
WI	SPOKANE	48	33	52	30	40	-3	0.21	-0.17	0.18	1.27	67	3.33	62	85	37	0	3	2	0
	YAKIMA	54	29	62	22	42	-5	0.01	-0.12	0.01	1.08	163	2.39	89	74	28	0	5	1	0
	EAU CLAIRE	38	20	43	8	29	-8	1.71	1.12	1.49	2.88	140	6.00	143	84	46	0	6	3	1
	GREEN BAY	40	20	46	11	30	-7	1.47	0.93	1.07	3.50	171	6.48	139	87	48	0	6	3	1
	LA CROSSE	46	26	51	19	36	-6	1.33	0.70	1.28	2.84	132	6.92	151	85	38	0	6	3	1
	MADISON	45	24	64	18	35	-5	1.20	0.52	1.18	3.60	152	8.35	155	86	47	0	6	2	1
WV	MILWAUKEE	46	29	61	22	37	-3	0.94	0.29	0.82	3.98	171	10.28	177	79	46	0	6	3	1
	BECKLEY	61	37	71	28	49	2	0.88	-0.01	0.50	2.97	71	10.08	96	83	29	0	2	3	1
	CHARLESTON	65	37	74	32	51	0	1.59	0.74	0.85	3.59	84	11.62	106	90	32	0	1	3	2
	ELKINS	61	31	72	27	46	1	1.34	0.43	0.67	4.37	106	10.65							

National Agricultural Summary

March 27 – April 2, 2023

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

During the week ending April 2, large sections of the Great Lakes, Rockies, Southeast, southern Texas, upper Midwest, and West received at least twice the normal amount of precipitation. Some locations in the Pacific Northwest and Southeast recorded more than 4 inches during the week. Meanwhile, temperatures were below normal for most of the

western half of the nation. Parts of the northern Plains experienced temperatures 20°F or more below normal. Except for the Great Lakes, Midwest, and parts of the Northeast, most of the eastern half of the U.S. was warmer than average. Portions of Florida and much of the Gulf Coast region experienced temperatures 5°F or more above normal.

Corn: By April 2, producers had planted 2 percent of the nation's corn crop, equal to both last year and the 5-year average. Texas was the furthest advanced in corn planting progress, with 57 percent.

Sorghum: Thirteen percent of the nation's sorghum acreage was planted by April 2, equal to both last year and the 5-year average. Texas had planted 46 percent of its sorghum acreage by April 2, four percentage points ahead of last year and 1 point ahead of the 5-year average.

Rice: By April 2, producers had seeded 17 percent of the 2023 rice acreage, 6 percentage points ahead of the previous year and 3 points ahead of the 5-year average. Louisiana and Texas had the highest percentages of acreage planted, with 68 and 35 percent, respectively. By April 2, ten percent of the nation's rice acreage had emerged, 4 percentage points ahead of both last year and the 5-year average.

Cotton: Nationwide, 4 percent of the cotton crop was planted by April 2, equal to the previous year but 1 percentage point behind the 5-year average.

Winter Wheat: By April 2, six percent of the nation's winter wheat crop was headed, 2 percentage points ahead of last year and 4 points ahead of the 5-year average. On April 2, twenty-eight percent of the 2023 winter wheat crop was reported in good to excellent condition, 2 percentage points below last year. In Kansas, the largest winter wheat-producing state, 16 percent of the winter wheat crop was rated in good to excellent condition.

Small Grains: Nationally, oat producers had seeded 25 percent of this year's acreage by April 2, equal to both last year and the 5-year average. Twenty-four percent of the nation's oat acreage had emerged by April 2, one percentage point ahead of both the previous year and the 5-year average.

Crop Progress and Condition

Week Ending April 2, 2023

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

Corn Percent Planted				
	Prev Year	Prev Week	Apr 2 2023	5-Yr Avg
CO	0	NA	0	0
IL	0	NA	0	0
IN	0	NA	0	0
IA	0	NA	0	0
KS	2	NA	1	1
KY	1	NA	2	0
MI	0	NA	0	0
MN	0	NA	0	0
MO	0	NA	0	0
NE	0	NA	0	0
NC	3	NA	1	2
ND	0	NA	0	0
OH	0	NA	0	0
PA	0	NA	0	0
SD	0	NA	0	0
TN	0	NA	1	1
TX	54	52	57	54
WI	0	NA	0	0
18 Sts	2	NA	2	2
These 18 States planted 92% of last year's corn acreage.				

Cotton Percent Planted				
	Prev Year	Prev Week	Apr 2 2023	5-Yr Avg
AL	0	NA	0	0
AZ	10	3	7	21
AR	0	NA	0	0
CA	9	NA	0	2
GA	0	NA	0	0
KS	0	NA	0	0
LA	0	NA	0	0
MS	0	NA	0	0
MO	0	NA	0	0
NC	0	NA	0	0
OK	0	NA	0	0
SC	0	NA	0	0
TN	0	NA	0	0
TX	5	NA	7	8
VA	0	NA	0	0
15 Sts	4	NA	4	5
These 15 States planted 99% of last year's cotton acreage.				

Rice Percent Planted				
	Prev Year	Prev Week	Apr 2 2023	5-Yr Avg
AR	2	0	5	4
CA	0	NA	0	0
LA	47	51	68	57
MS	3	0	1	4
MO	0	NA	0	0
TX	40	22	35	49
6 Sts	11	NA	17	14
These 6 States planted 100% of last year's rice acreage.				

Rice Percent Emerged				
	Prev Year	Prev Week	Apr 2 2023	5-Yr Avg
AR	0	NA	0	0
CA	0	NA	0	0
LA	30	30	49	30
MS	0	NA	0	0
MO	0	NA	0	0
TX	11	NA	18	18
6 Sts	6	NA	10	6
These 6 States planted 100% of last year's rice acreage.				

Sorghum Percent Planted				
	Prev Year	Prev Week	Apr 2 2023	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	42	38	46	45
6 Sts	13	NA	13	13
These 6 States planted 100% of last year's sorghum acreage.				

Oats Percent Planted				
	Prev Year	Prev Week	Apr 2 2023	5-Yr Avg
IA	6	NA	2	4
MN	0	NA	0	1
NE	12	NA	8	9
ND	0	NA	0	0
OH	3	NA	3	3
PA	1	NA	1	3
SD	8	NA	0	2
TX	100	NA	100	100
WI	0	NA	0	1
9 Sts	25	NA	25	25
These 9 States planted 69% of last year's oat acreage.				

Oats Percent Emerged				
	Prev Year	Prev Week	Apr 2 2023	5-Yr Avg
IA	0	NA	0	0
MN	0	NA	0	0
NE	0	NA	0	1
ND	0	NA	0	0
OH	1	NA	2	1
PA	0	NA	0	0
SD	1	NA	0	0
TX	100	NA	100	100
WI	0	NA	0	0
9 Sts	23	NA	24	23
These 9 States planted 69% of last year's oat acreage.				

Crop Progress and Condition

Week Ending April 2, 2023

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

Winter Wheat Percent Headed				
	Prev Year	Prev Week	Apr 2 2023	5-Yr Avg
AR	2	0	3	7
CA	17	NA	30	4
CO	0	NA	0	0
ID	0	NA	0	0
IL	0	NA	0	1
IN	0	NA	0	0
KS	0	NA	0	0
MI	0	NA	0	0
MO	1	NA	0	0
MT	0	NA	0	0
NE	0	NA	0	0
NC	2	NA	2	1
OH	0	NA	0	0
OK	0	NA	0	0
OR	0	NA	0	0
SD	0	NA	0	0
TX	23	25	29	20
WA	0	NA	0	0
18 Sts	4	NA	6	2
These 18 States planted 88% of last year's winter wheat acreage.				

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	1	7	35	48	9
CA	0	0	5	90	5
CO	11	22	40	26	1
ID	2	15	66	17	0
IL	4	5	35	43	13
IN	1	5	25	56	13
KS	31	26	27	14	2
MI	2	7	34	45	12
MO	1	2	22	73	2
MT	1	9	66	24	0
NE	8	30	40	19	3
NC	1	2	18	65	14
OH	2	12	27	49	10
OK	21	19	34	24	2
OR	4	19	33	39	5
SD	3	10	64	23	0
TX	22	25	35	14	4
WA	3	19	39	38	1
18 Sts	16	20	36	25	3
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	18	18	34	27	3

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

NA - Not Available
* Revised



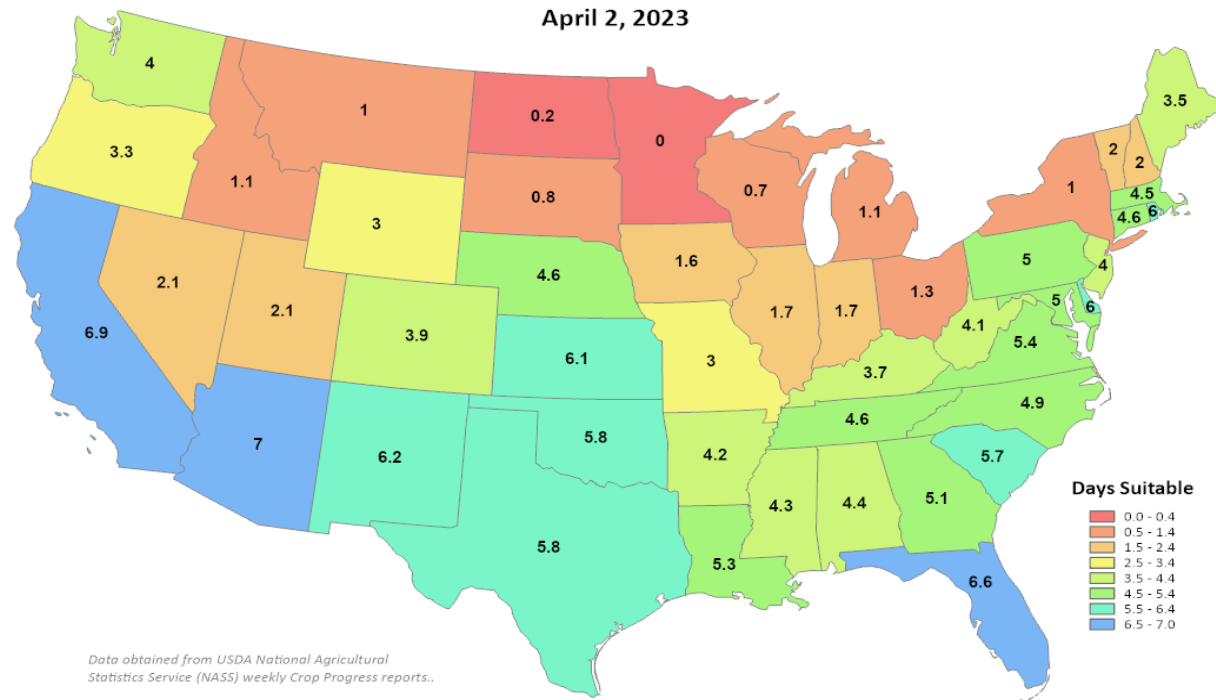
United States
Department of
Agriculture

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

Days Suitable for Fieldwork

Week Ending

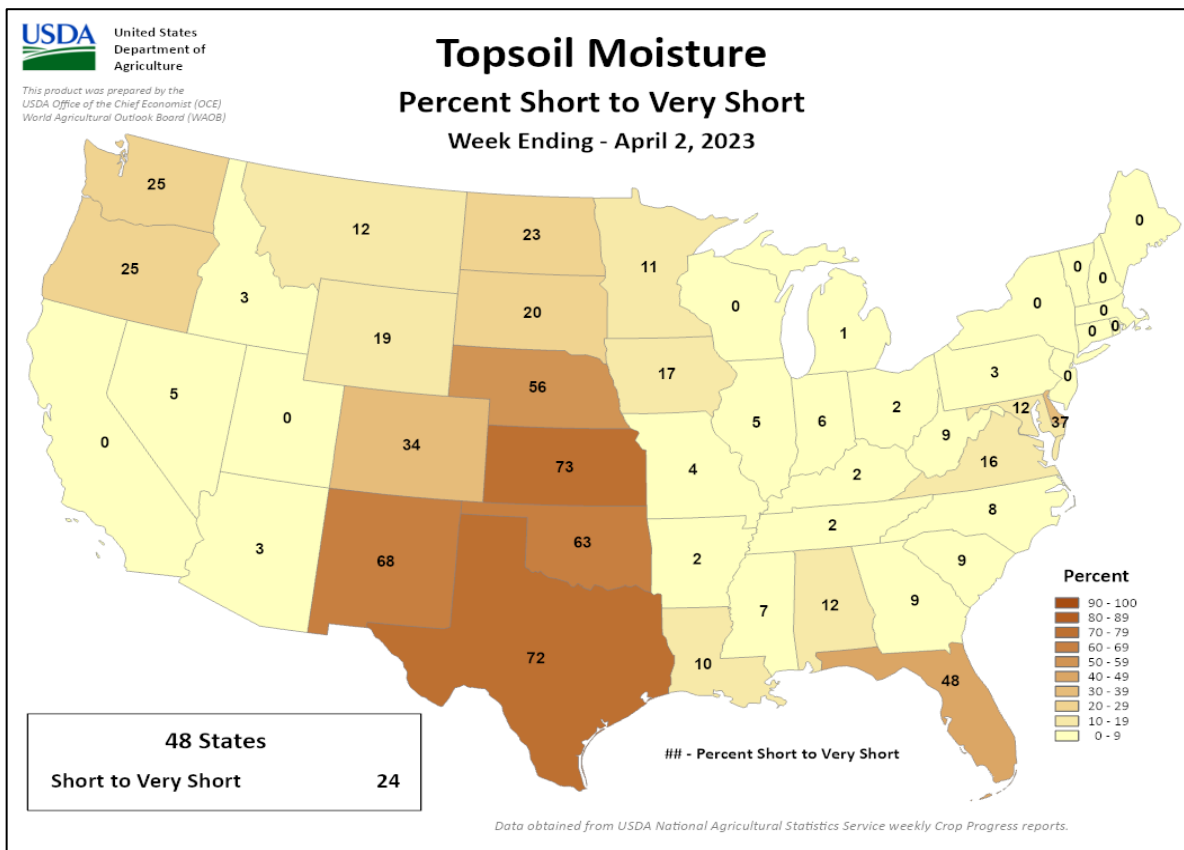
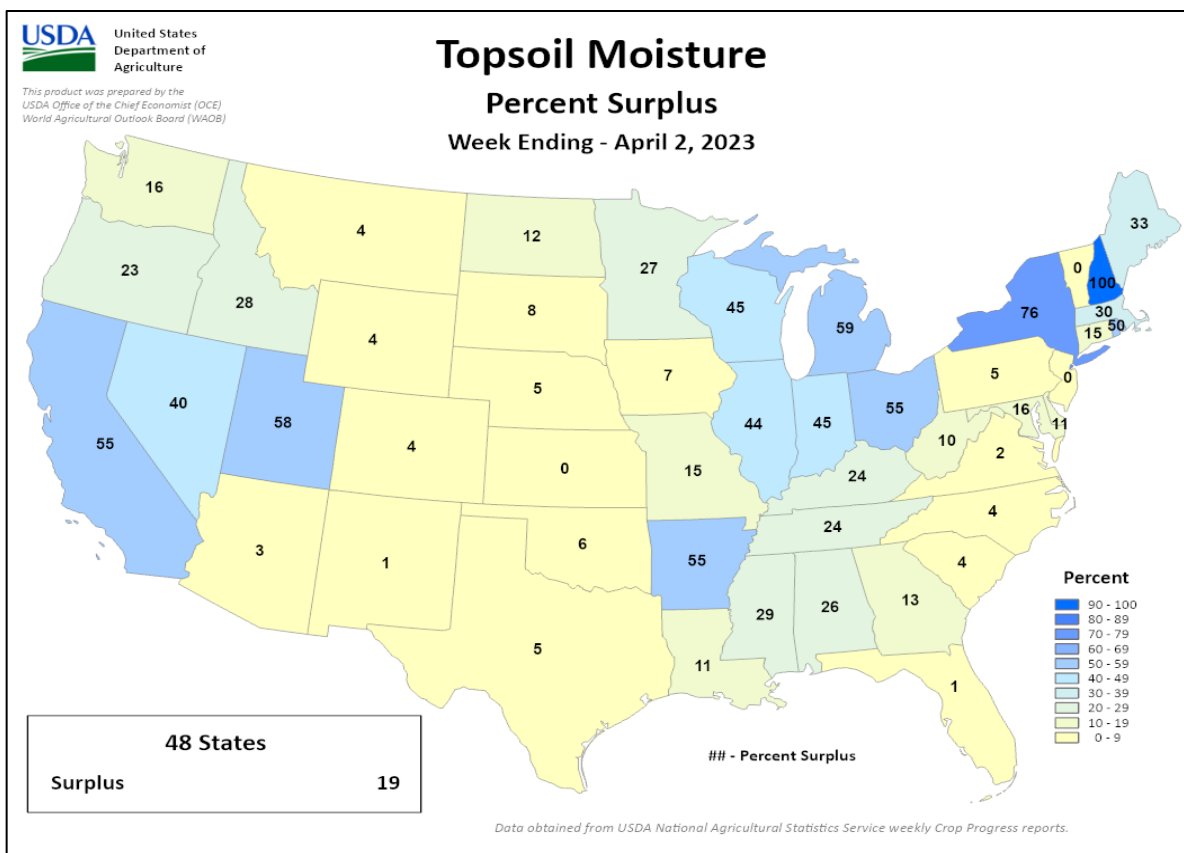
April 2, 2023



Crop Progress and Condition

Week Ending April 2, 2023

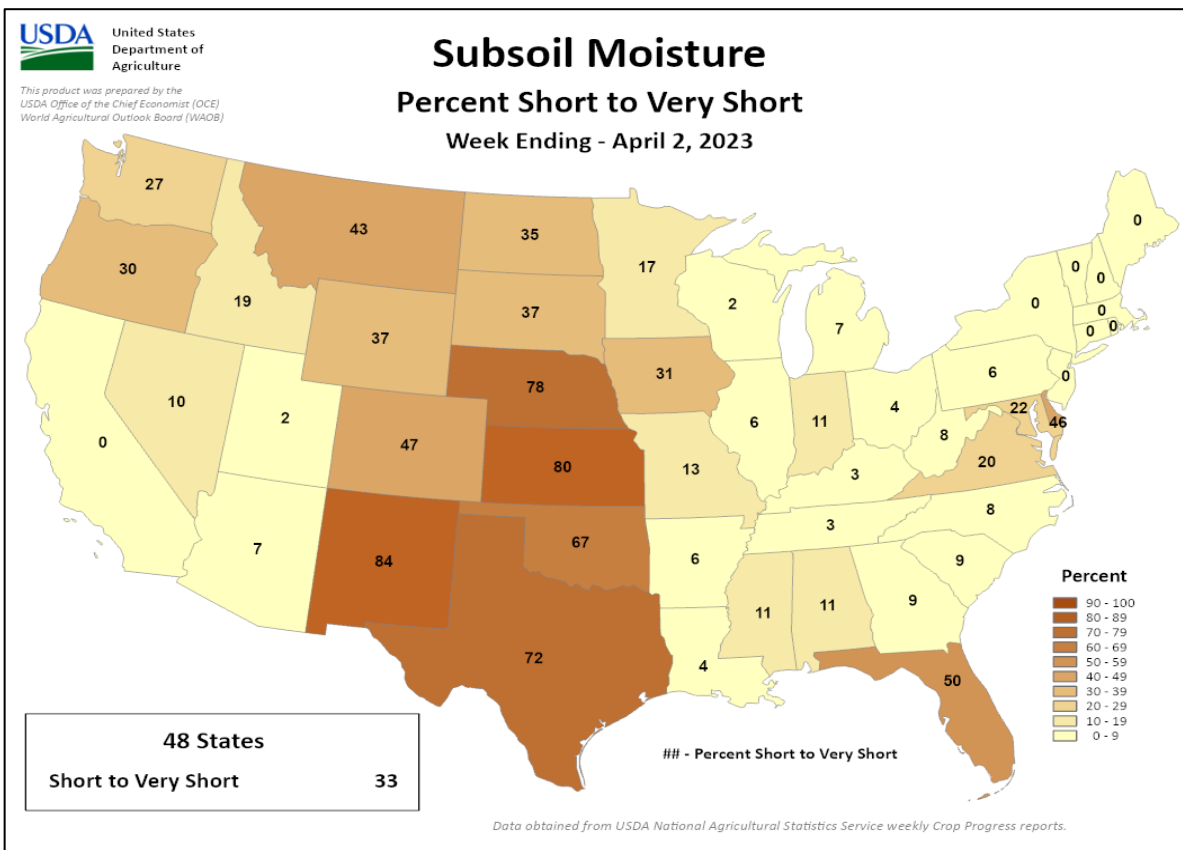
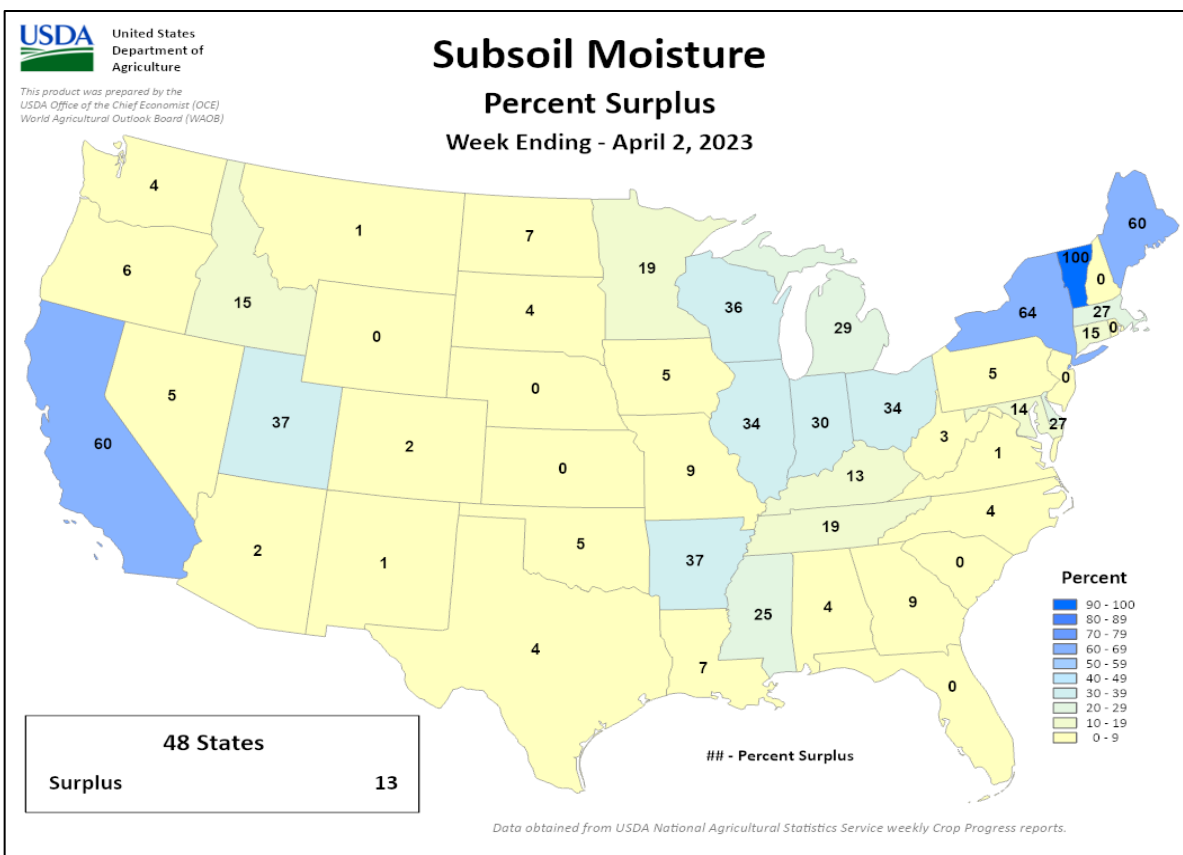
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending April 2, 2023

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



International Weather and Crop Summary

March 26 - April 1, 2023

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

EUROPE: Wet weather further eased drought in France and maintained favorable winter crop prospects in central and eastern Europe, though dryness and heat intensified in Spain.

WESTERN FSU: Widespread showers favored vegetative winter crops across much of the region.

MIDDLE EAST: Additional moderate to heavy rain maintained or improved prospects for vegetative to reproductive winter wheat and barley.

NORTHWESTERN AFRICA: Drought and heat further lowered yield prospects for reproductive to filling winter grains over much of the region.

EAST ASIA: Unseasonably warm, dry weather necessitated increased irrigation for wheat and rapeseed.

SOUTHEAST ASIA: Tropical showers remained entrenched in southern portions of the region, as springtime heat occurred earlier than usual in Thailand.

AUSTRALIA: Wet weather slowed summer crop harvesting but boosted topsoil moisture in advance of winter crop planting.

SOUTH AFRICA: Mild, sunny weather benefited maturing summer crops.

ARGENTINA: Sunny skies favored late-season growth of corn and soybeans.

BRAZIL: Dry weather dominated Brazil's northern corn and cotton areas.

March 2023

COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	21	8	29	2	14	1	26	-35
	BATNA	21	2	29	-6	12	1.6	0	-34
ARGENT	IGUAZU	31	20	34	0	25	0.7	126	-22
	FORMOSA	35	20	38	0	27	1.4	47	-91
	CERES	33	21	38	17	27	3.9	54	-92
	CORDOBA	30	18	37	10	24	3.8	95	-35
	RIO CUARTO	29	17	36	0	23	2.3	189	91
	ROSARIO	32	20	39	13	26	4.4	112	-27
	BUENOS AIRES	32	21	40	10	26	5.4	32	-68
	SANTA ROSA	29	16	41	7	22	1.8	72	-22
AUSTRA	TRES ARROYOS	28	16	39	4	22	2.4	203	121
	DARWIN	32	25	34	23	29	0.7	95	*****
	BRISBANE	29	22	32	14	25	1.2	29	-83
	PERTH	30	17	36	12	23	0.1	35	16
	CEDUNA	25	14	42	8	20	-0.5	*****	*****
	ADELAIDE	23	15	33	12	19	-0.9	*****	*****
	MELBOURNE	23	14	38	10	18	-0.1	29	-3
	WAGGA	27	14	39	6	21	-0.1	109	61
AUSTRI	CANBERRA	25	12	37	4	18	0.5	79	38
	VIENNA	13	3	21	-3	8	1.8	11	-33
BAHAMA	INNSBRUCK	13	2	22	-2	8	1.3	59	0
	NASSAU	28	20	31	0	24	0.6	90	49
BARBAD	BRIDGETOWN	30	24	31	22	27	0.2	19	-11
BELARU	MINSK	6	-2	17	-13	2	1.4	87	46
BERMUD	ST GEORGES	20	16	24	11	18	1	85	-40
BOLIVI	LA PAZ	16	4	19	1	10	0.5	38	-44
BRAZIL	FORTALEZA	30	25	32	23	27	-0.1	241	0
	RECIFE	30	25	31	21	28	-1.1	54	-68
	CAMPO GRANDE	30	21	33	20	26	-0.8	88	-50
	FRANCA	28	19	31	16	24	0.5	303	92
	RIO DE JANEI	32	24	36	22	28	1.1	93	-6
	LONDRINA	***	***	35	18	***	*****	192	63
	SANTA MARIA	32	21	36	14	26	2.7	80	-61
	SOFIA	13	2	21	-5	7	1.1	32	-13
BURKIN	OUAGADOUGOU	40	8	42	0	24	-8.1	0	*****
CANADA	LETHBRIDGE	1	-10	11	-24	-5	*****	4	*****
	REGINA	-6	-16	1	-25	-11	-5.7	0	-14
	WINNIPEG	-4	-13	2	-22	-9	-4.2	3	-25
	TORONTO	4	-3	10	-8	1	0.6	90	41
	MONTREAL	3	-4	10	-13	-1	1.2	58	-15
	PRINCE ALBER	-7	-22	2	-32	-15	-6.8	10	-5
	CALGARY	-1	-12	12	-20	-6	-4.7	20	3
	VANCOUVER	10	2	17	-2	6	-0.8	38	-78
CANARY	LAS PALMAS	24	18	32	15	21	2.6	0	*****
CHILE	SANTIAGO	31	13	34	10	22	2.8	0	*****
CHINA	HARBIN	8	-5	22	-16	2	4.3	14	2
	HAMI	18	1	24	-8	9	3.1	0	-3
	BEIJING	17	4	28	-3	10	3.2	0	-10
	TIENTSIN	18	4	27	-3	11	3.4	1	-8
	LHASA	12	0	16	-4	6	0.2	11	8
	KUNMING	22	10	25	6	16	1.7	0	-20
	CHENGCHOW	20	8	31	1	14	3.4	21	1
	YEHCHANG	19	10	29	4	14	2.7	41	-16
	HANKOW	19	9	27	2	14	2.6	78	-13
	CHUNGKING	20	13	26	9	17	1.7	45	-11
	CHIHKIANG	17	9	27	6	13	1.1	115	18
	WU HU	18	9	29	3	13	2.5	91	-21
	SHANGHAI	17	8	28	0	13	2.6	84	-3
	NANCHANG	19	11	27	7	15	2.5	238	48
	TAIPEI	23	18	32	13	20	1.3	9	-145
	CANTON	24	16	28	11	20	1.8	174	73
	NANNING	24	17	34	12	20	2.2	23	-44
	BOGOTA	19	10	23	6	15	0.6	52	-31
COLOMB	ABIDJAN	31	20	33	0	26	-3	126	31
CUBA	CAMAGUEY	31	20	34	16	26	1.2	54	*****
CYPRUS	LARNACA	21	11	27	4	16	1.4	20	*****
CZECHR	PRAGUE	10	1	18	-7	6	1.4	54	25
DENMAR	COPENHAGEN	7	1	13	-6	4	0.7	70	40
EGYPT	CAIRO	25	15	34	11	20	1.6	3	*****
	ASWAN	31	14	37	0	22	-0.5	0	*****

Based on Preliminary Reports

March 2023

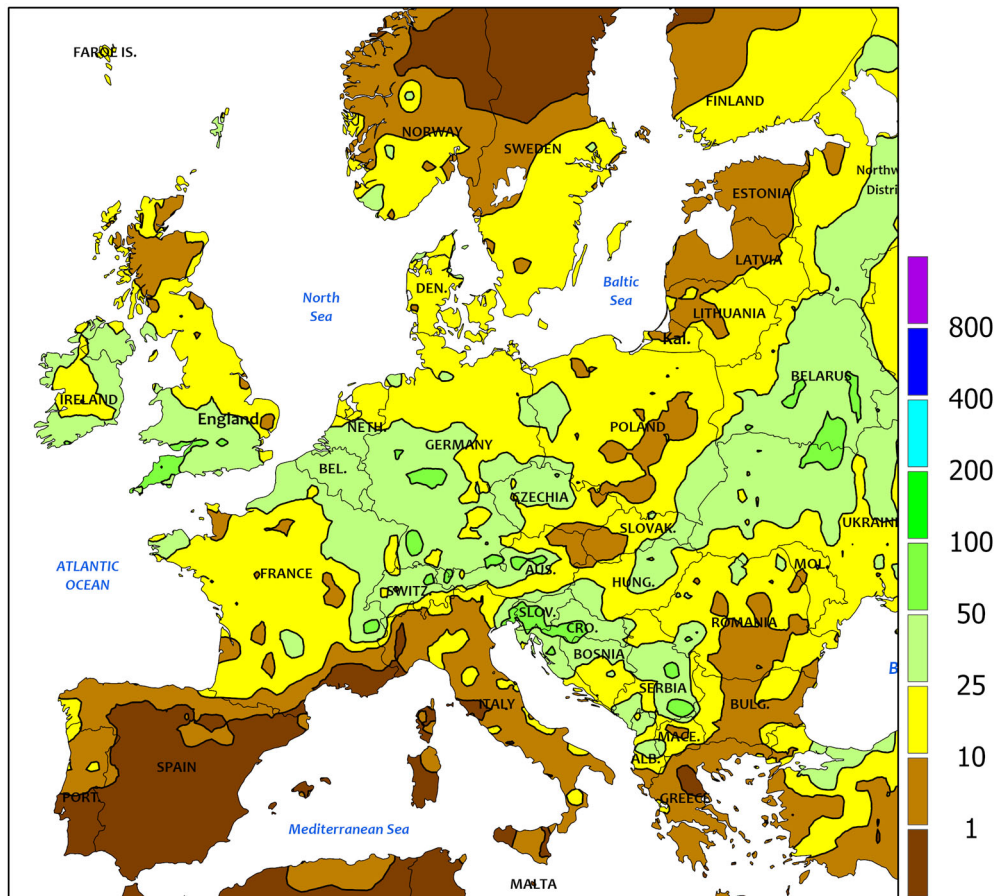
COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ESTONI	TALLINN	3	-2	11	-12	0	0.8	39	3
ETHIOP	ADDIS ABABA	***	***	27	7	***	*****	*****	*****
F GUIA	CAYENNE	30	23	31	20	26	-0.2	275	-41
FIJI	NAUSORI	31	23	34	20	27	0.8	131	-221
FINLAN	HELSINKI	2	-5	8	-18	-2	-0.5	80	46
FRANCE	PARIS/ORLY	13	6	21	-1	10	1.1	50	8
	STRASBOURG	14	4	23	-4	9	1.6	34	-4
	BOURGES	14	5	22	-3	9	0.6	43	-10
	BORDEAUX	16	8	28	-2	12	1.3	48	-16
	TOULOUSE	16	7	23	-3	12	1.3	43	-3
	MARSEILLE	17	6	21	-1	12	0.6	6	-24
GABON	LIBREVILLE	30	24	32	22	27	-0.1	298	-58
GERMAN	HAMBURG	9	3	17	-3	6	1.3	92	35
	BERLIN	10	3	19	-6	7	1.3	68	27
	DUSSELDORF	11	5	17	-4	8	0.9	96	41
	LEIPZIG	10	3	19	-5	7	1.6	57	20
	DRESDEN	10	3	18	-7	6	1.5	69	27
	STUTTGART	12	3	21	-4	8	1.7	69	26
	NURNBERG	11	3	19	-5	7	2.0	89	49
	AUGSBURG	11	2	19	-6	6	2.1	39	-8
GREECE	THESSALONIKA	16	7	22	1	11	1.2	46	8
	LARISSA	18	4	25	-2	11	1.0	24	-15
	ATHENS	19	10	24	6	15	1.9	12	*****
GUADEL	RAIZET	29	21	30	17	25	-0.1	78	6
HONGKO	HONG KONG IN	25	20	28	15	22	1.5	41	-33
HUNGAR	BUDAPEST	14	4	23	-2	8	1.9	34	2
ICELAN	REYKJAVIK	1	-4	8	-13	-1	-2.5	16	-65
INDIA	AMRITSAR	27	14	31	0	21	1.3	46	11
	NEW DELHI	31	16	34	14	24	0.5	59	33
	AHMEDABAD	36	20	39	18	28	0.5	11	*****
	INDORE	33	18	36	16	26	0.1	2	-8
	CALCUTTA	33	22	36	18	28	1.0	94	*****
	VERAVAL	32	22	38	21	27	1.3	0	*****
	BOMBAY	34	23	39	19	28	0.4	18	*****
	POONA	33	16	36	12	24	-1.5	10	*****
	BEGAMPET	34	21	37	18	27	-2.0	53	*****
	VISHAKHAPATN	32	24	35	20	28	0.4	80	*****
	MADRAS	34	24	35	20	29	-0.2	89	59
	MANGALORE	35	23	37	20	29	-0.2	0	*****
INDONE	SERANG	33	24	34	22	28	0.6	297	116
IRELAN	DUBLIN	10	4	16	-4	7	0.8	112	59
ITALY	MILAN	17	6	23	0	11	1.1	19	-24
	VERONA	17	5	22	-1	11	1.8	33	-12
	VENICE	14	6	20	2	10	0.9	0	-58
	GENOA	15	10	21	6	13	0.6	15	*****
	ROME	17	7	21	2	12	1.0	48	-3
	NAPLES	17	8	20	3	12	0.3	*****	*****
JAMAIC	KINGSTON	31	22	32	0	26	-0.3	19	-33
JAPAN	SAPPORO	9	2	19	-5	5	4.2	36	-42
	NAGOYA	19	8	25	2	13	3.6	98	-18
	TOKYO	18	9	25	4	14	4.0	148	32
	YOKOHAMA	17	10	24	5	14	4.1	145	8
	KYOTO	18	7	26	2	13	4.1	93	-11
	OSAKA	18	9	25	4	14	3.5	79	-24
KAZAKH	KUSTANAY	2	-6	12	-16	-2	4.2	19	-1
	TSELINOGRAD	3	-5	17	-14	-1	4.9	20	2
	KARAGANDA	2	-6	15	-18	-2	3.2	33	6
KENYA	NAIROBI	28	16	31	0	22	0.1	116	*****
LIBYA	BENGHAZI	21	11	29	7	16	0.8	2	*****
LITHUA	KAUNAS	7	0	16	-10	3	1.8	34	-4
LUXEMB	LUXEMBOURG	10	3	15	-3	6	0.6	154	97
MALAYS	KUALA LUMPUR	33	24	35	23	29	-0.2	385	120
MALI	TIMBUKTU	***	***	***	***	***	*****	*****	*****
	BAMAKO	40	21	41	16	30	-0.2	14	*****
MARSHA	MAJURO	30	27	31	24	28	0.5	298	79
MARTIN	LAMENTIN	30	22	32	18	26	-0.4	35	-44
MAURIT	NOUAKCHOTT	36	17	44	0	26	1.8	*****	*****
MEXICO	GUADALAJARA	31	10	35	0	21	1.1	30	*****
	TLAXCALA	27	10	30	5	18	1.8	7	*****
	ORIZABA	26	16	34	12	21	2.1	43	*****
MOROCC	CASABLANCA	21	13	29	9	17	1.4	5	*****
	MARRAKECH	29	14	36	10	21	4.3	2	*****
MOZAMB	MAPUTO	30	21	35	0	26	-0.7	70	-8
N KORE	PYONGYANG	14	2	23	-4	8	3.9	5	-16
NEW CA	NOUMEA	30	24	33	22	27	0.9	35	-106
NIGER	NIAMEY	40	7	43	0	24	-8.2	1	*****
NORWAY	OSLO	2	-6	8	-16	-2	-1.9	36	-10
NZEALA	AUCKLAND	22	14	25	9	18	-0.7	51	-19
	WELLINGTON	20	14	23	7	17	0.8	97	32
P RICO	SAN JUAN	29	23	31	21	26	-0.2	53	-3
PAKIST	KARACHI	33	23	36	20	28	2.0	6	*****
PERU	LIMA	28	23	30	20	25	1.6	3	*****
PHILIP	MANILA	31	24	35	22	28	-0.7	5	-19
PNEWGU	PORT MORESBY	31	23	34	0	27	-0.6	335	129
POLAND	WARSAW	9	0	20	-9	5	1.0	18	-11
	LODZ	9	-1	20	-11	4	0.9	36	0
	KATOWICE	10	1	19	-7	5	1.7	35	-14
PORTUG	LISBON	20	10	28	0	15	0.1	32	-34
ROMANI	BUCHAREST	15	1	23	-6	8	2.3	18	-25
RUSSIA	ST.PETERSBUR	2	-3	10	-17	0	0.7	64	29
	KAZAN	4	-1	15	-11	2	4.3	46	9
	MOSCOW	4	-2	12	-10	1	2.0	61	22
	YEKATERINBUR	4	-3	18	-16	1	3.9	11	-13
	OMSK	1	-7	9	-16	-3	3.6	23	4
	BARNAUL	3	-6	12	-18	-1	4.0	52	33
	KHABAROVSK	3	-6	14	-14	-1	4.5	36	13
	VLADIVOSTOK	5	-1	17	-7	2	3.1	36	8
	VOLGOGRAD	11	2	20	-9	6	5.8	1	-33
	ASTRAKHAN	15	2	22	-4	8	4.6	4	-13
	ORENBURG	6	-2	21	-14	2	6.5	11	-16
S AFRI	JOHANNESBURG	***	***	28	12	***	*****	*****	*****
	DURBAN	28	22	33	18	25	0.5	44	-57
	CAPE TOWN	25	16	34	8	20	0.5	76	62
S KORE	SEOUL	16	5	25	-2	10	3.8	1	-36
SAMOA	PAGO PAGO	31	26	33	23	28	-0.2	249	-29
SENEGA	DAKAR	27	20	34	17	23	2.1	0	*****
SPAIN	VALLADOLID	17	5	26	-4	11	1.8	16	-17
	MADRID	19	5	27	-5	12	1.6	17	-18
	SEVILLE	24	9	30	0	16	0.8	9	*****
SWITZE	ZURICH	11	4	19	-2	8	1.5	98	26
	GENEVA	13	4	21	-4	8	1.7	81	20
SYRIA	DAMASCUS	21	7	28	0	14	1.3	8	*****
TAHITI	PAPEETE	31	25	32	24	28	-0.2	177	14
TANZAN	DAR ES SALAA	33	24	35	0	28	0.3	94	-74
THAILA	PHITSANULOK	36	22	39	16	29	-0.5	0	-32
	BANGKOK	35	27	37	24	31	0.0	5	-43
TOGO	TABLIGBO	***	***	39	0	***	*****	*****	*****
TRINID	PORT OF SPAI	32	22	33	20	27	0.0	7	-34
TUNISI	TUNIS	22	11	30	5	16	1.6	7	-36
TURKEY	ISTANBUL	13	8	20	2	10	1.8	75	18
	ANKARA	12	2	19	-7	7	1.9	62	21
TURKME	ASHKHABAD	24	11	33	5	18	7.4	13	-27
UKINGD	ABERDEEN	8	2	15	-8	5	-0.7	61	8
	LONDON	11	6	16	-2	8	0.5	78	39
UKRAIN	KIEV	9	1	20	-4	5	2.4	41	1
	LVOV	10	0	19	-8	5	2.2	68	20
	KIROVOGRAD	10	1	20	-6	6	3.4	26	-7
	ODESSA	9	4	17	-2	6	1.8	20	-13
	KHARKOV	9	2	19	-5	5	3.6	37	0
UZBEKI	TASHKENT	22	10	27	0	16	4.9	39	-28
VENEZU	CARACAS	***	***	29	21	***	*****	0	-23
YUGOSL	BELGRADE	15	6	26	-1	11	2.2	38	-11
ZAMBIA	LUSAKA	***	***	31	18	***	*****	*****	*****
ZIMBAB	KADOMA	***	***	30	***	***	*****	*****	*****

Based on Preliminary Reports

EUROPE

Total Precipitation(mm)

March 26 - April 1, 2023



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



EUROPE

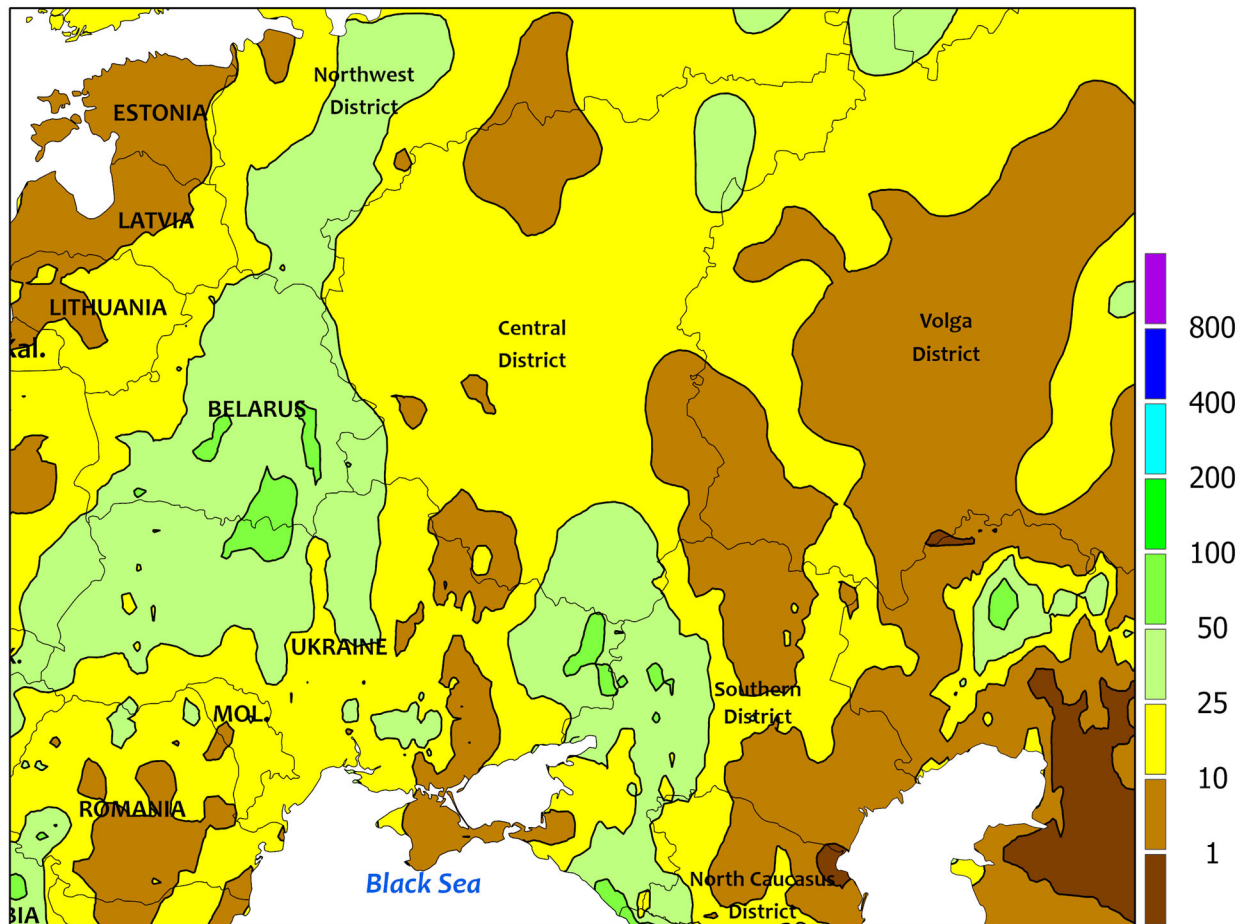
Wet albeit cooler conditions continued, though dryness and heat persisted on the Iberian Peninsula. March ended as it began, with widespread showers and thunderstorms (10-60 mm, locally more) from England and France into central and eastern Europe. The recent spate of wet weather has eliminated drought concerns in the west and boosted soil moisture reserves for vegetative winter crops in central and eastern growing areas. However, somewhat cooler temperatures slowed the recent rapid pace of crop development, though warm weather (1-3°C above normal) lingered in England and France. Consistent with previous weeks, rain continued to bypass southern Portugal, much

of Spain, southern France, and northwestern Italy. In particular, the favorable start to the 2022-23 Water Year in southern Spain (Andalucía) — courtesy of heavy December rainfall — continued to fade; southern Spain's water-year total rainfall (since September 1) slipped below 75 percent of normal as of April 2. If this dry trend continues, the current water year will surpass the 2021-22 water year for drought severity over the next week or two in Andalucía. Further compounding the drought in Spain were temperatures up to 7°C above normal, with daytime highs approaching or topping 30°C in southern and southeastern growing areas.

WESTERN FSU

Total Precipitation(mm)

March 26 - April 1, 2023



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



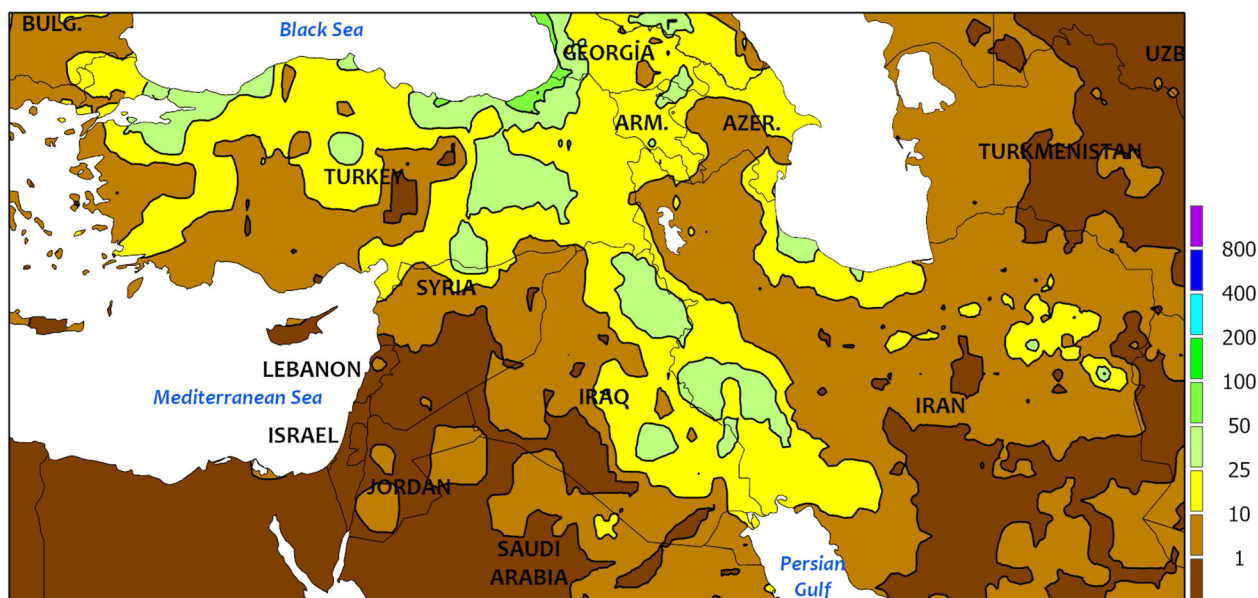
WESTERN FSU

Wet and mostly cooler weather overspread much of the region, though sunny and very warm conditions promoted fieldwork and early crop development in the east. Widespread moderate to heavy showers and thunderstorms (10-65 mm) maintained good to excellent moisture supplies for vegetative winter grains and oilseeds in Belarus, Ukraine, Moldova, and western Russia. However, dry conditions (5 mm or less) in southeastern Ukraine maintained localized short- and long-term dryness. Near- to below-normal temperatures in the south and west slowed the recent rapid winter crop development pace, while warm

conditions (2-5°C above normal) in northeastern Ukraine and western Russia accelerated winter crop green up and early vegetative growth. Farther east, mostly sunny skies and much-above-normal temperatures (5-10°C above normal) across Russia's Volga District and environs favored fieldwork and spring grain development.

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

MIDDLE EAST
Total Precipitation(mm)
March 26 - April 1, 2023



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



MIDDLE EAST

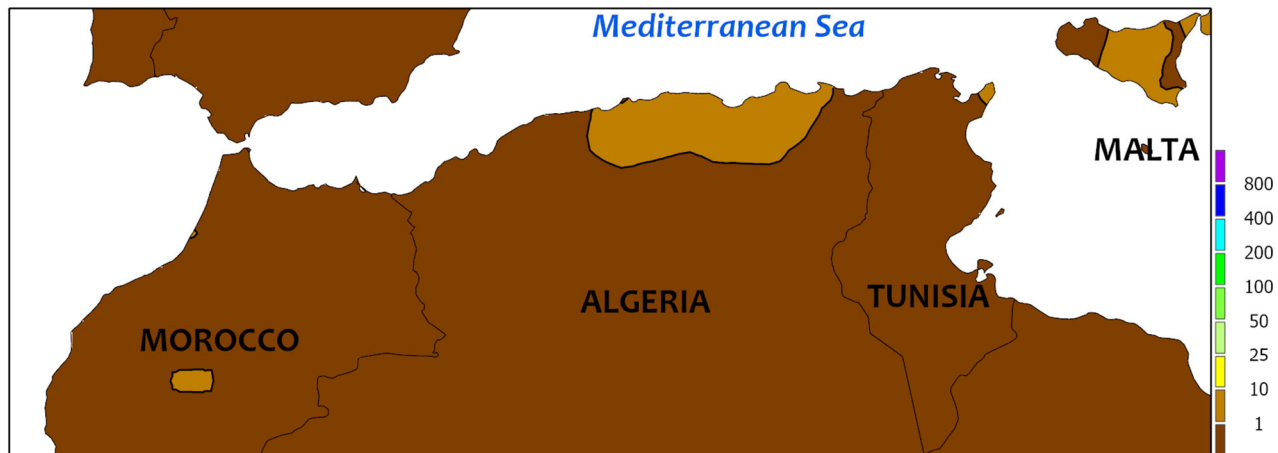
Persistent stormy weather further improved moisture supplies for winter grains over much of the region. Another in a series of slow-moving storms produced moderate to heavy showers and thunderstorms (10-100 mm) from northern and central Turkey southeastward into Iraq and western Iran. The fourth consecutive week of locally heavy

rain eased the lingering vestiges of drought and boosted prospects for vegetative (north) to reproductive (south) wheat and barley. Cooler conditions (2-5°C below normal) settled over western and central portions of the region, while temperatures averaged 2 to 5°C above normal in northern and eastern Iran.

NORTHWESTERN AFRICA

Total Precipitation(mm)

March 26 - April 1, 2023



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



NORTHWESTERN AFRICA

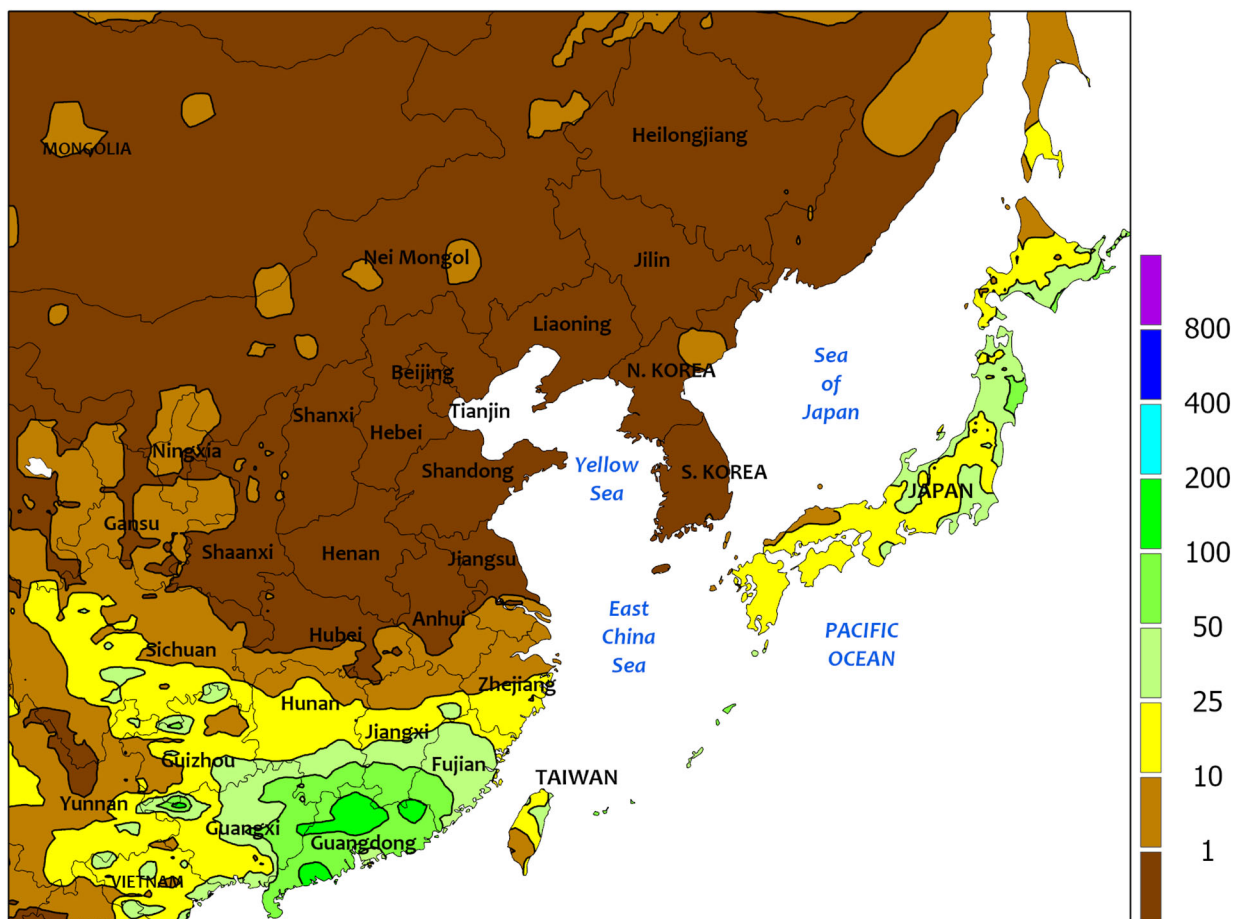
Dry and hot weather exacerbated drought across much of the region. In Morocco, sunny skies and much-above-normal temperatures (3-8°C above normal) further lowered yield prospects for filling to maturing winter grains. Exacerbating the drought impacts were temperatures in the middle and upper 30s (degrees C); in fact, a peak value of 40°C in southwestern Morocco — the second such occurrence since the beginning of the year — was more typical of highs seen during July. Likewise, dry and hot weather (up to 5°C above normal) across Algeria and Tunisia intensified drought in the already parched inland croplands of the Hautes Plateau (Algeria) and Steppe Region (Tunisia), adversely impacting

reproductive to filling winter grains. Late-week showers (2-10 mm) provided minimal soil moisture improvements in northeastern Algeria, though somewhat heavier showers arrived after April 1. The latest satellite-derived Vegetation Health Index (VHI) continued to depict highly variable albeit deteriorating conditions across the region. As of April 3, the VHI indicated shrinking pockets of favorable conditions in northern Morocco, northeastern Algeria, and northern Tunisia. Conversely, the already poor VHI deteriorated further across southern and central Morocco, western Algeria, as well as inland portions of eastern Algeria and northern Tunisia.

EASTERN ASIA

Total Precipitation(mm)

March 26 - April 1, 2023



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

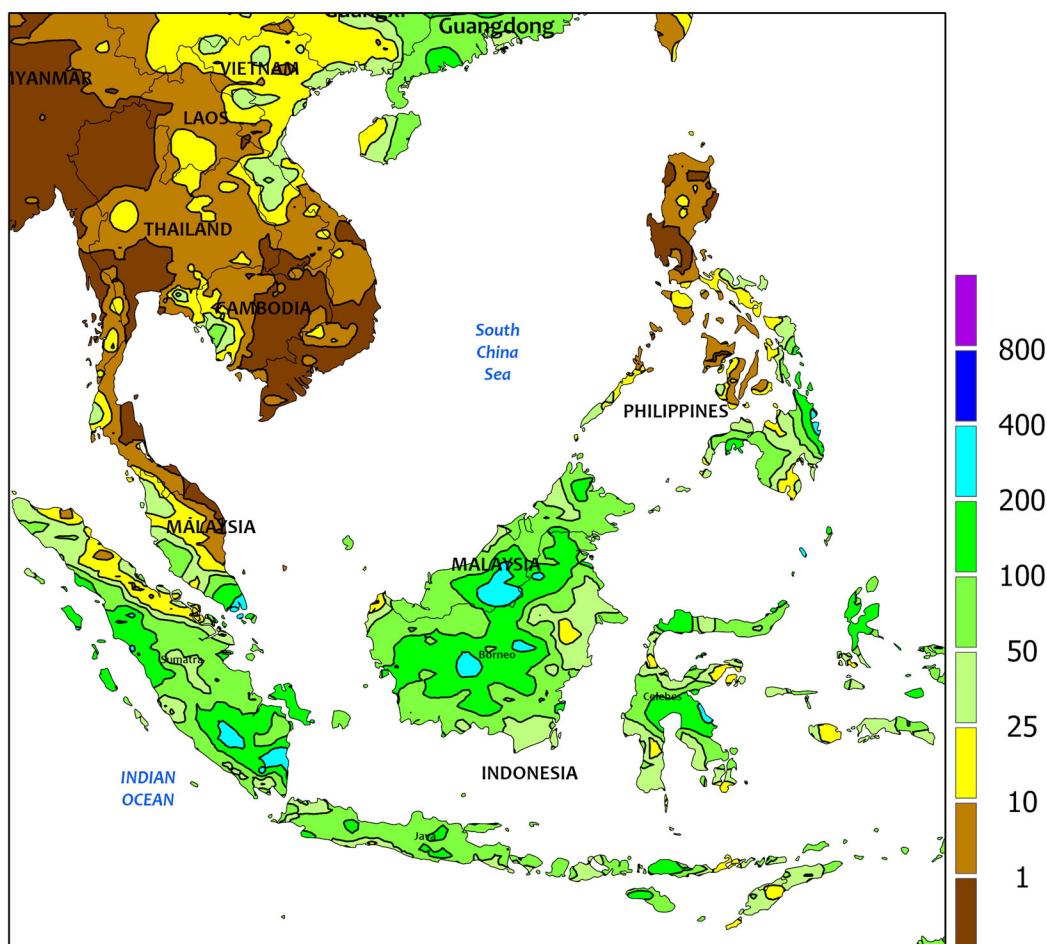


EASTERN ASIA

Unseasonably warm, dry weather prevailed across much of eastern and southern China during the period. Wheat areas on the North China Plain recorded little if any precipitation, with daily average temperatures as much as 4°C above normal. Likewise, little rainfall occurred in rapeseed areas of the Yangtze Valley where temperatures

were 1 to 2°C above normal. While both crops have access to irrigation, spring rainfall is welcome to limit the need. Meanwhile, more showers were reported in the southeast, benefiting vegetative early-crop rice. Nearer the coast, rainfall totals exceeded 100 mm and became progressively less farther inland.

SOUTHEAST ASIA
Total Precipitation(mm)
March 26 - April 1, 2023



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



SOUTHEAST ASIA

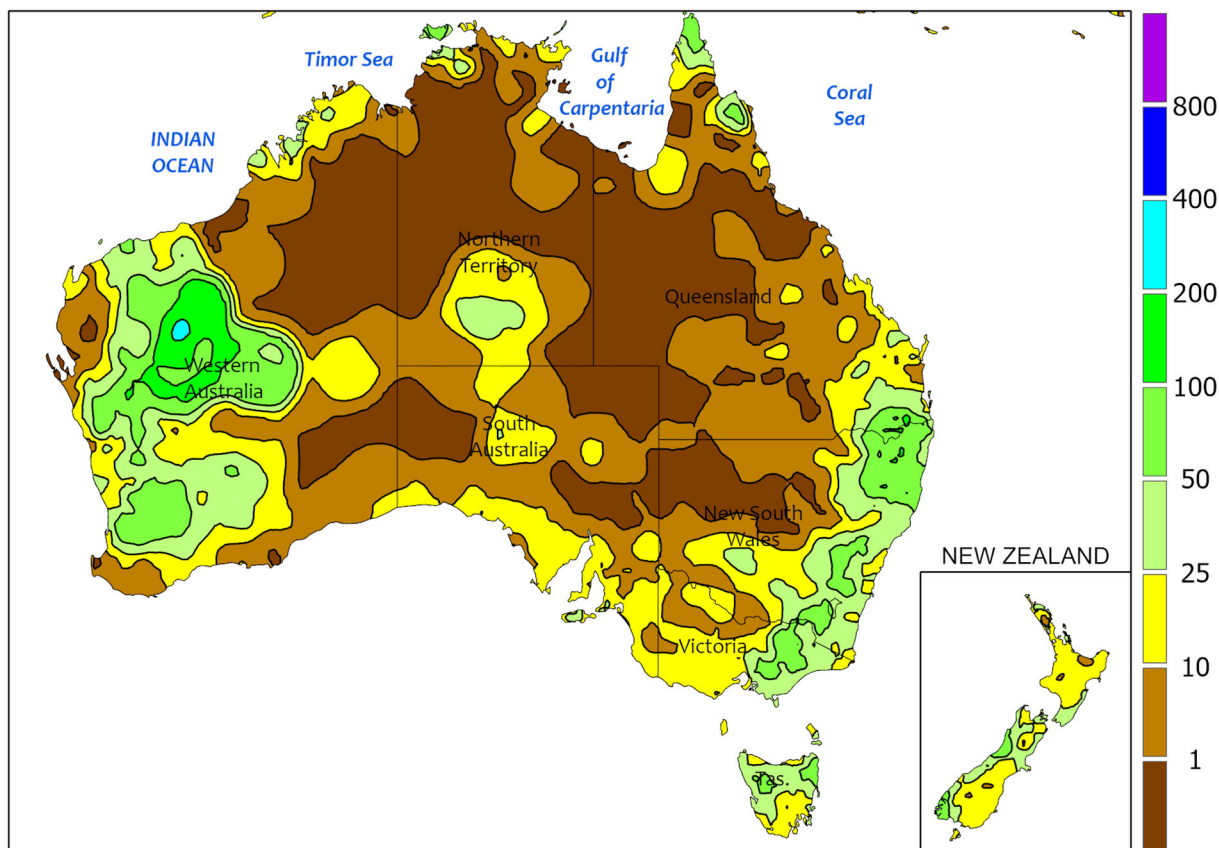
Tropical showers remained firmly entrenched in southern-most portions of the region. Most of Indonesia recorded 25 to 100 mm of rain as did sections of Malaysia. The moisture benefited oil palm and further bolstered irrigation supplies for the next cropping cycle of rice. Likewise, downpours (locally exceeding

300 mm) in the Philippines were generally limited to southern reaches, with little rain elsewhere. Meanwhile, daytime temperatures soared above 40°C in interior Thailand, causing stress to immature rice and limiting fieldwork; springtime heat of this magnitude typically occurs in mid-April.

AUSTRALIA

Total Precipitation(mm)

March 26 - April 1, 2023



Gridded data from the Australian Bureau of Meteorology: www.bom.gov.au/
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CLIMATE PREDICTION CENTER, NOAA
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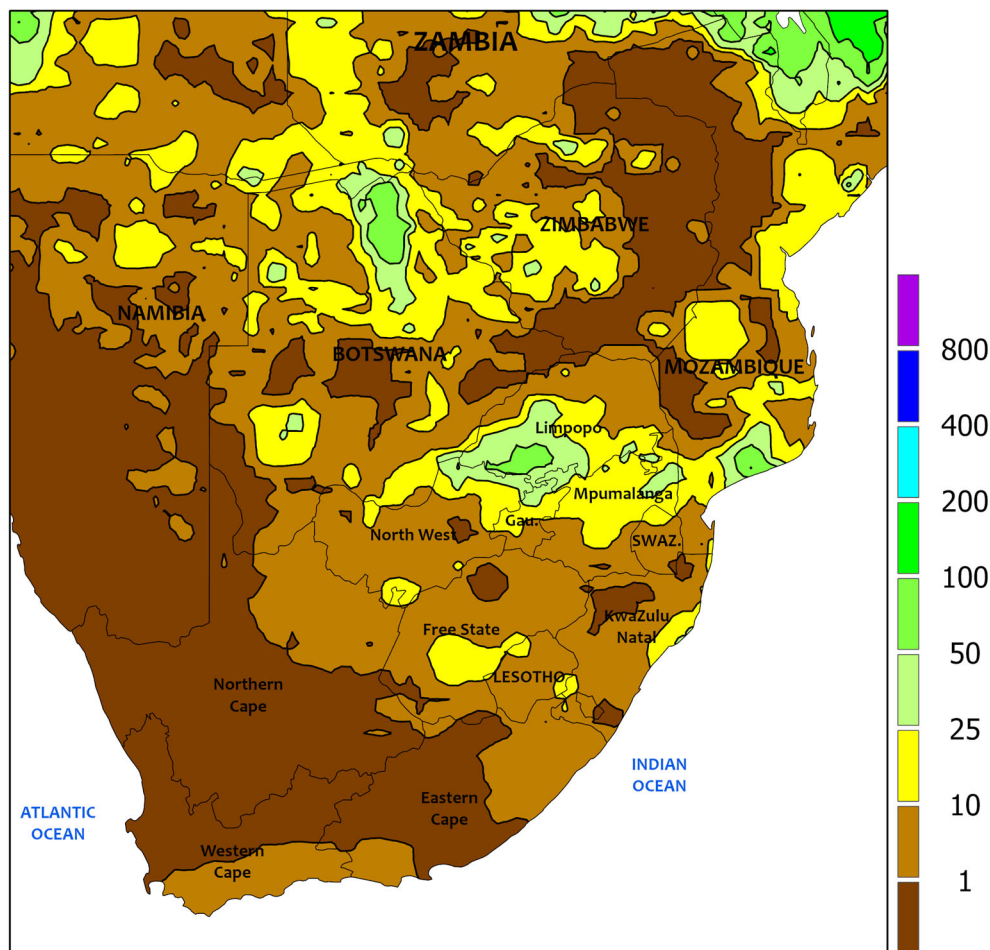


AUSTRALIA

Wet weather (10-25 mm, locally near 50 mm) overspread a large portion of eastern Australia, slowing cotton, sorghum, and rice harvesting in many areas. Although unfavorable for fieldwork, the rain benefited wheat and other winter crops by further boosting topsoil moisture in advance of sowing. Planting typically begins in mid-April each year. Elsewhere in the wheat belt, welcome rain overspread southern and western Australia as well. Showers (5-15 mm, locally more) were

scattered across Victoria and South Australia, while a more concentrated area of soaking rain (15-50 mm or more) fell over Western Australia. Temperatures averaged 2 to 3°C below normal throughout much of southern and western Australia with maximum temperatures generally in the 20s (degrees C). In the east, temperatures averaged near to below normal (up to 2°C below normal) with maximum temperatures mostly in the middle 20s to lower 30s.

SOUTH AFRICA
Total Precipitation(mm)
March 26 - April 1, 2023



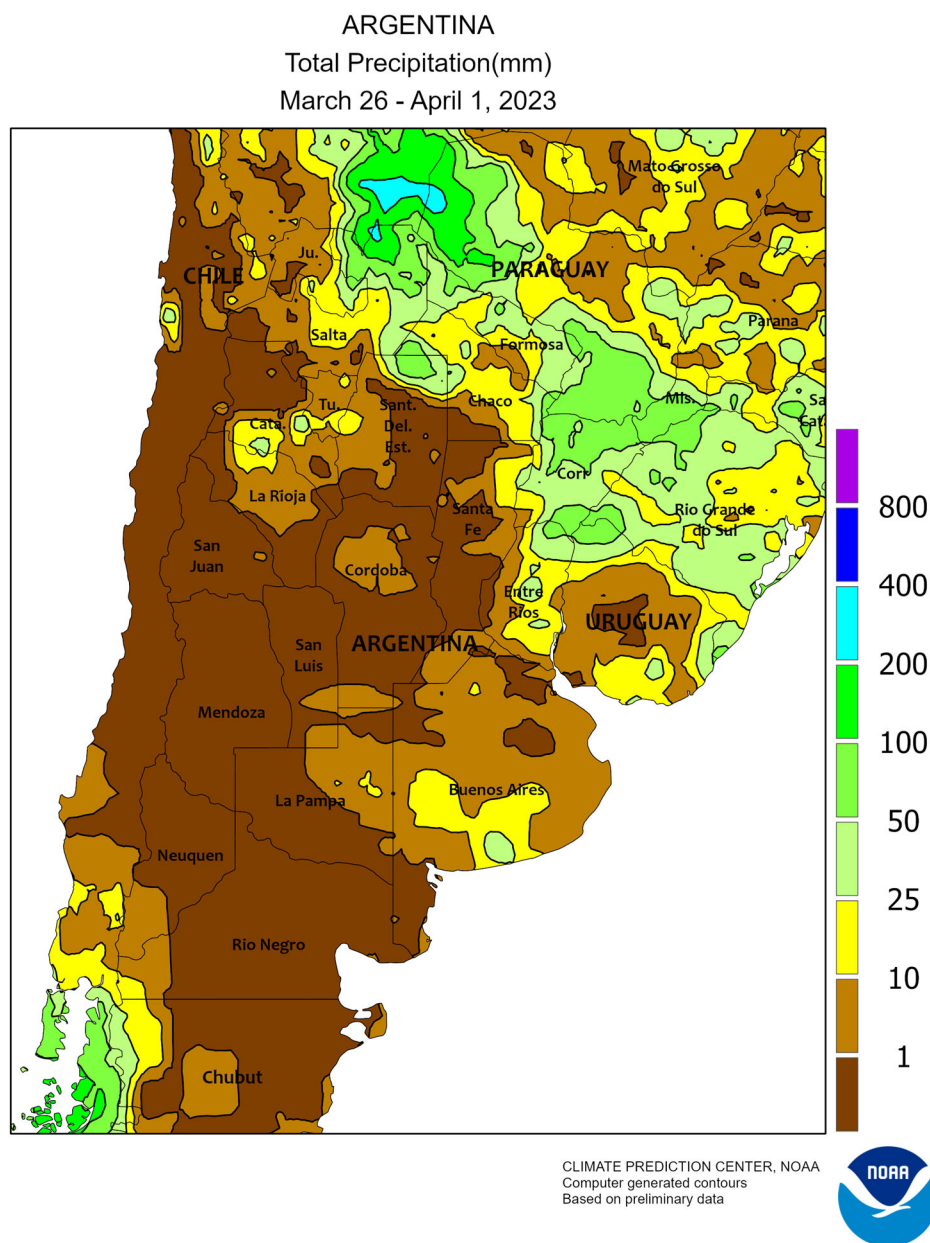
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



SOUTH AFRICA

Mild, mostly dry weather favored maturing summer crops. Weekly temperatures averaged 1 to 3°C below normal throughout the country, with highest daytime temperatures ranging from the middle 20s (degrees C) to the lower 30s. Despite the cooler conditions, however, nighttime lows stayed well above freezing. Rainfall totaled 10 to 25 mm – locally approaching 50

mm – at the northern edge of the corn belt (Limpopo and environs), otherwise generally light rain prevailed; much of the corn belt in and around Mpumalanga and major sugarcane production areas in KwaZulu-Natal recorded less than 5 mm. Similarly, sunny, mild weather aided maturation and harvesting of various crops in the Cape Provinces.



ARGENTINA

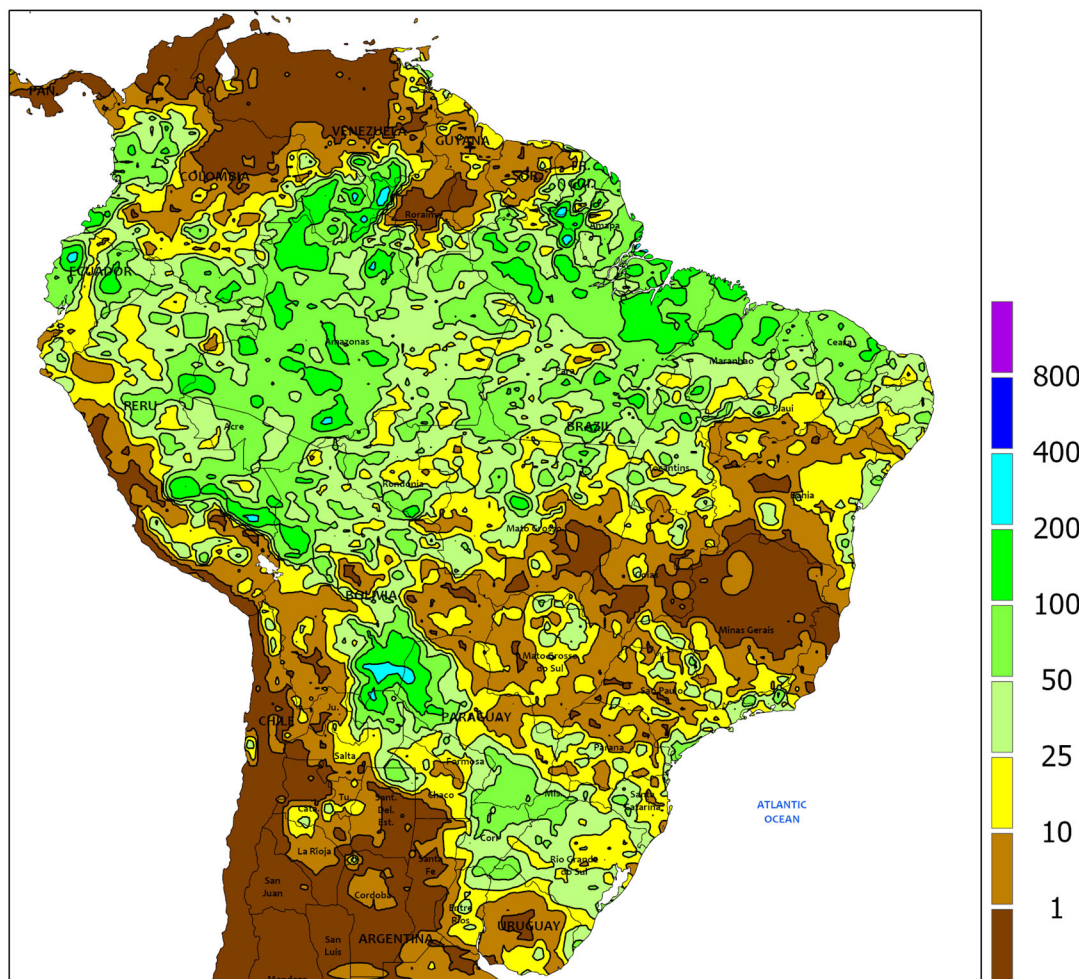
Drier conditions returned to large sections of central Argentina, following last week's heavy showers. Rainfall totaled less than 5 mm over key farming areas in Córdoba, Santa Fe, and neighboring locations in La Pampa and Buenos Aires, with amounts up to 25 mm reported in southern Buenos Aires and Entre Rios. Mild weather accompanied the dryness, with highest daytime temperatures ranging from the upper 20s to lower 30s (degrees C) and nighttime lows dropping below 5°C at week's end in Buenos Aires. Light to moderate

showers (10-50 mm, locally topping 75 mm) lingered across northern Argentina, although late-summer warmth (daytime highs reaching the upper 30s) maintained high moisture demands for late-developing summer crops. According to the government of Argentina, sunflowers were 73 percent harvested as of March 30, slightly lagging last year's pace (76 percent); harvesting reached 63 percent in Buenos Aires (50 percent last year), the country's largest producer. Meanwhile, corn was 10 percent harvested versus 17 percent last year.

BRAZIL

Total Precipitation(mm)

March 26 - April 1, 2023



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



BRAZIL

Drier-than-normal weather combined with summer warmth to reduce moisture for second-crop corn and cotton across a large section of central Brazil. Aside from some isolated showers, rainfall totaled below 10 mm from Mato Grosso and Mato Grosso do Sul eastward across northern Minas Gerais, where highest daytime temperatures reached the middle and upper 30s (degrees C). Pockets of dryness were also noted in western Bahia and western São Paulo, but locally heavy showers (greater than 25 mm) lingered in other parts of the northeast and southeast. In the south, light rain (10-25 mm)

provided timely moisture to immature corn and soybeans from central Paraná southward through Rio Grande do Sul, but amounts were insufficient to offset losses through evaporation, as daytime highs again reached the lower and middle 30s. According to the government of Rio Grande do Sul, soybeans were 48 percent reproductive to filling as of March 30, with 8 percent harvested; meanwhile, corn was 77 percent harvested. In Paraná, soybeans and first crop corn were 77 and 63 percent harvested, respectively, as of March 27, with second-crop corn 93 percent planted.

U.S. Prospective Planting Highlights

The following information was released by USDA's Agricultural Statistics Board on March 31, 2023.

Corn planted area for all purposes in 2023 is estimated at 92.0 million acres, up 4 percent or 3.42 million acres from last year (figure 1). Compared with last year, planted acreage is expected to be up or unchanged in 40 of the 48 estimating states.

Soybean planted area for 2023 is estimated at 87.5 million acres, up slightly from last year. Compared with last year, planted acreage is up or unchanged in 15 of the 29 estimating states.

All wheat planted area for 2023 is estimated at 49.9 million acres, up 9 percent from 2022.

The 2023 winter wheat planted area, at 37.5 million acres, is up 13 percent from last year and up 2 percent from the previous estimate. Of this total, about 26.0 million acres are Hard Red Winter, 7.80 million acres are Soft Red Winter, and 3.71 million acres are White Winter.

Area expected to be planted to other spring wheat for 2023 is estimated at 10.6 million acres, down 2 percent from 2022. Of this total, about 9.95 million acres are Hard Red Spring wheat.

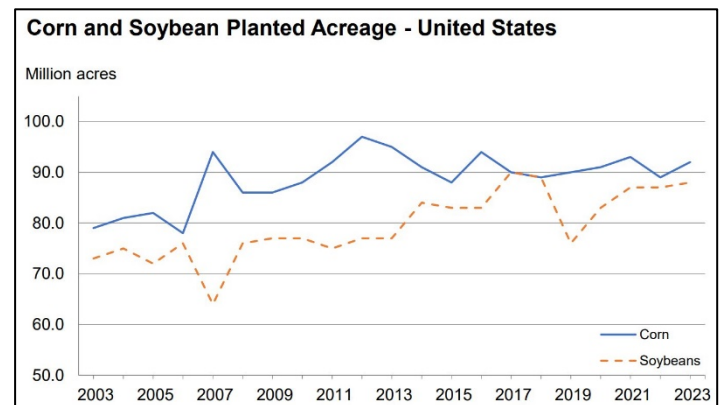


Figure 1.

Durum planted area for 2023 is expected to total 1.78 million acres, up 9 percent from the previous year.

All cotton planted area for 2023 is estimated at 11.3 million acres, down 18 percent from last year. Upland area is estimated at 11.1 million acres, down 18 percent from 2022. American Pima area is estimated at 154,000 acres, down 16 percent from 2022.

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U.S. DEPARTMENT OF AGRICULTURE

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