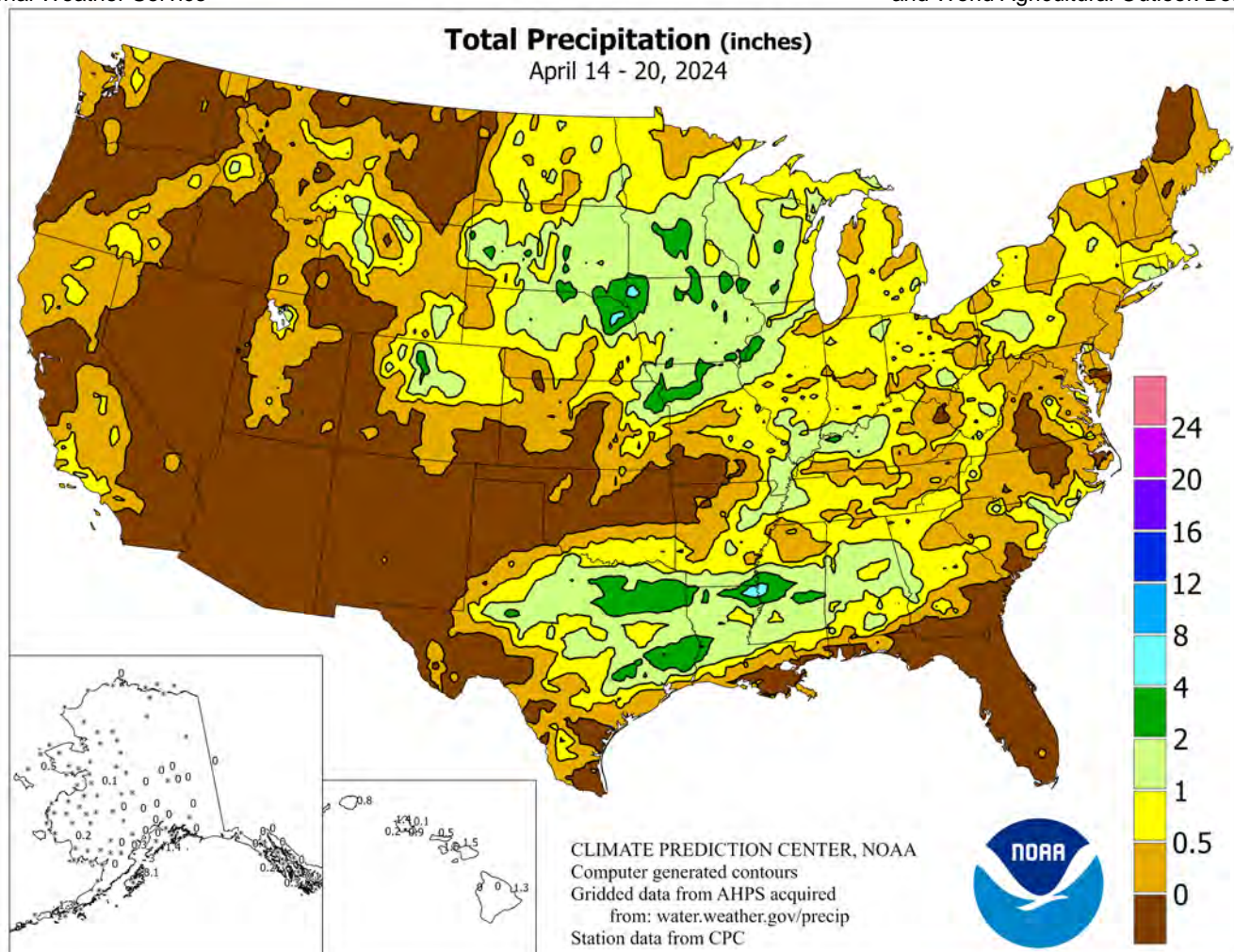


# WEEKLY WEATHER AND CROP BULLETIN

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

**April 14 – 20, 2024**

*Highlights provided by USDA/WAOB*

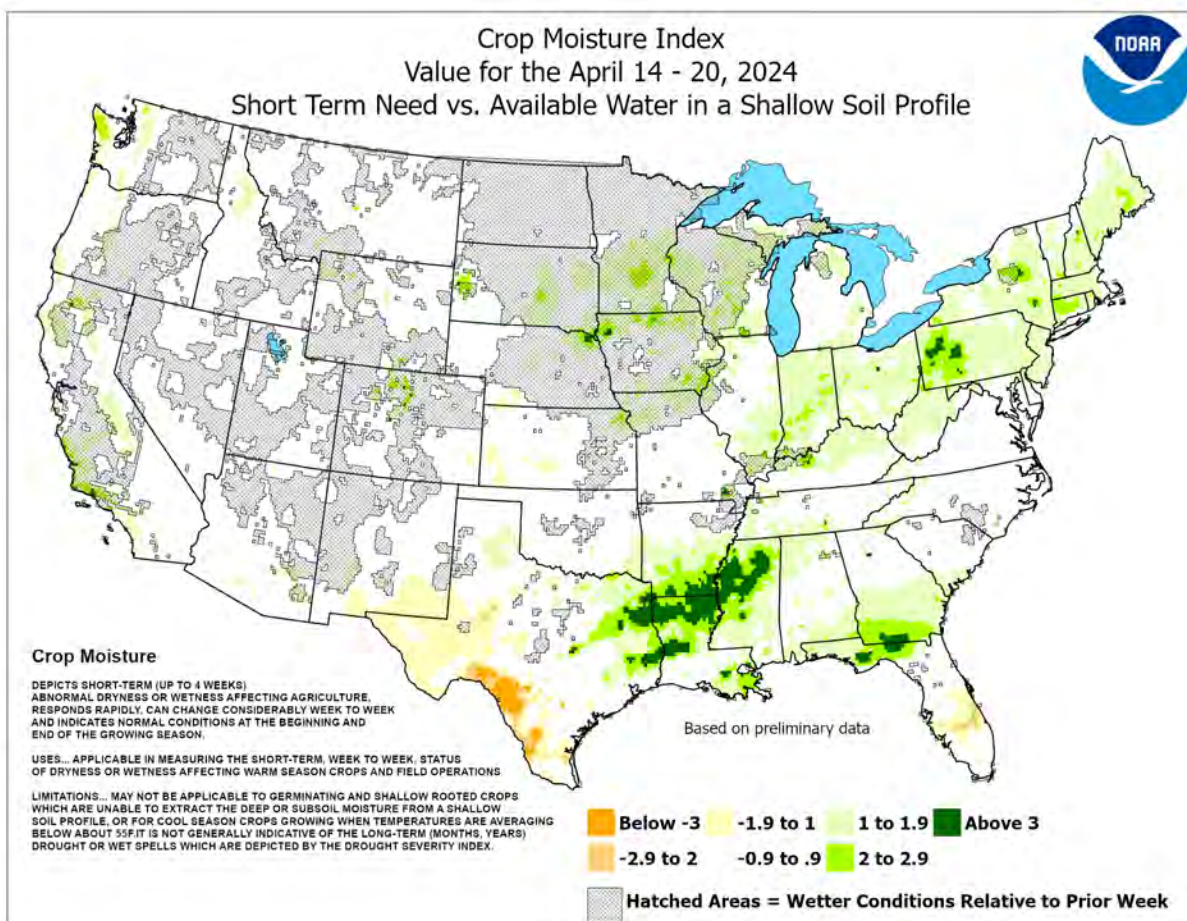
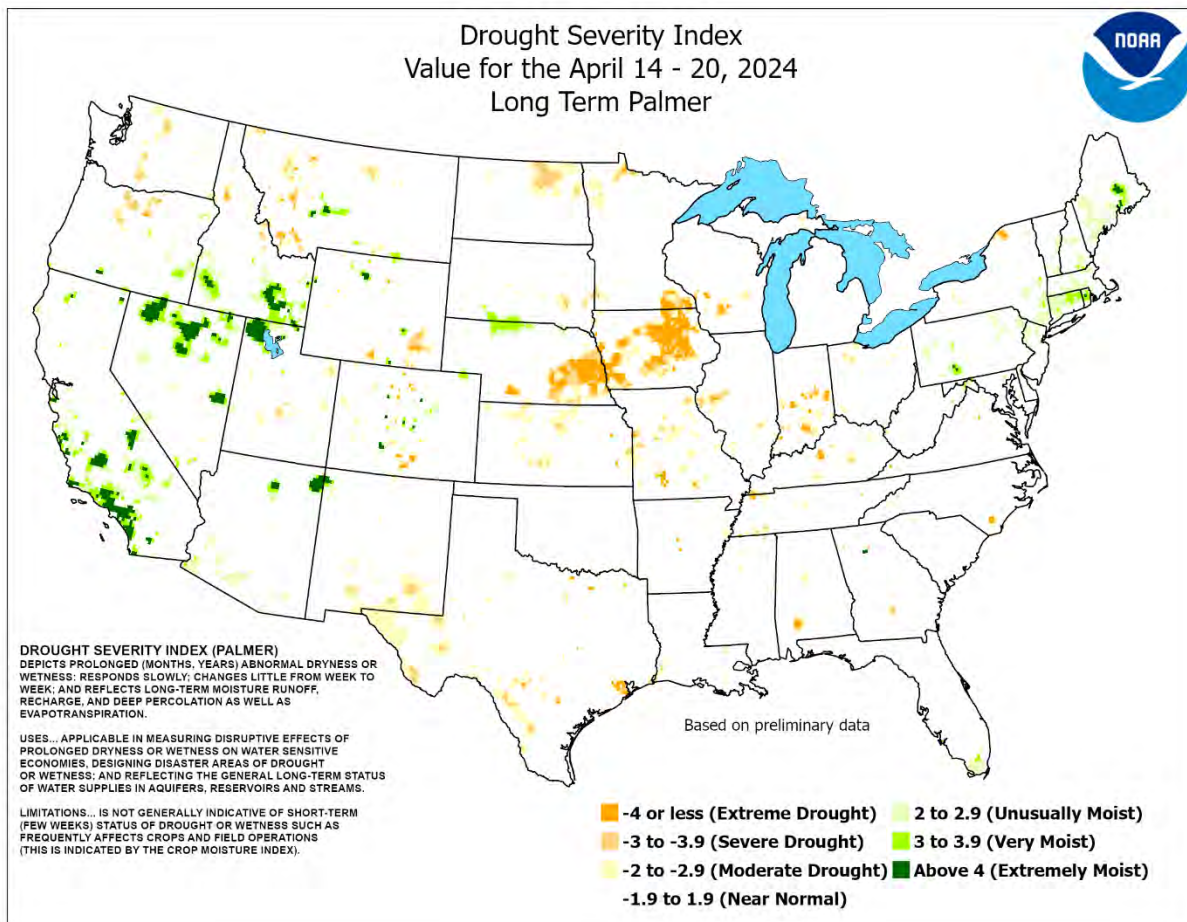
A slow-moving spring storm produced significant rain (locally 2 inches or more) in the **north-central U.S.**, helping to replenish topsoil moisture in the wake of last summer's drought and a winter with below-average snowfall. Storm-related impacts extended to other areas, with locally severe thunderstorms developing across the **Plains** on April 15 before spreading into the **Midwest** over the ensuing 2 days. Some additional severe weather occurred on April 18, mainly in the **middle Mississippi Valley**. Although rain largely cleared the **Atlantic**

*(Continued on page 5)*

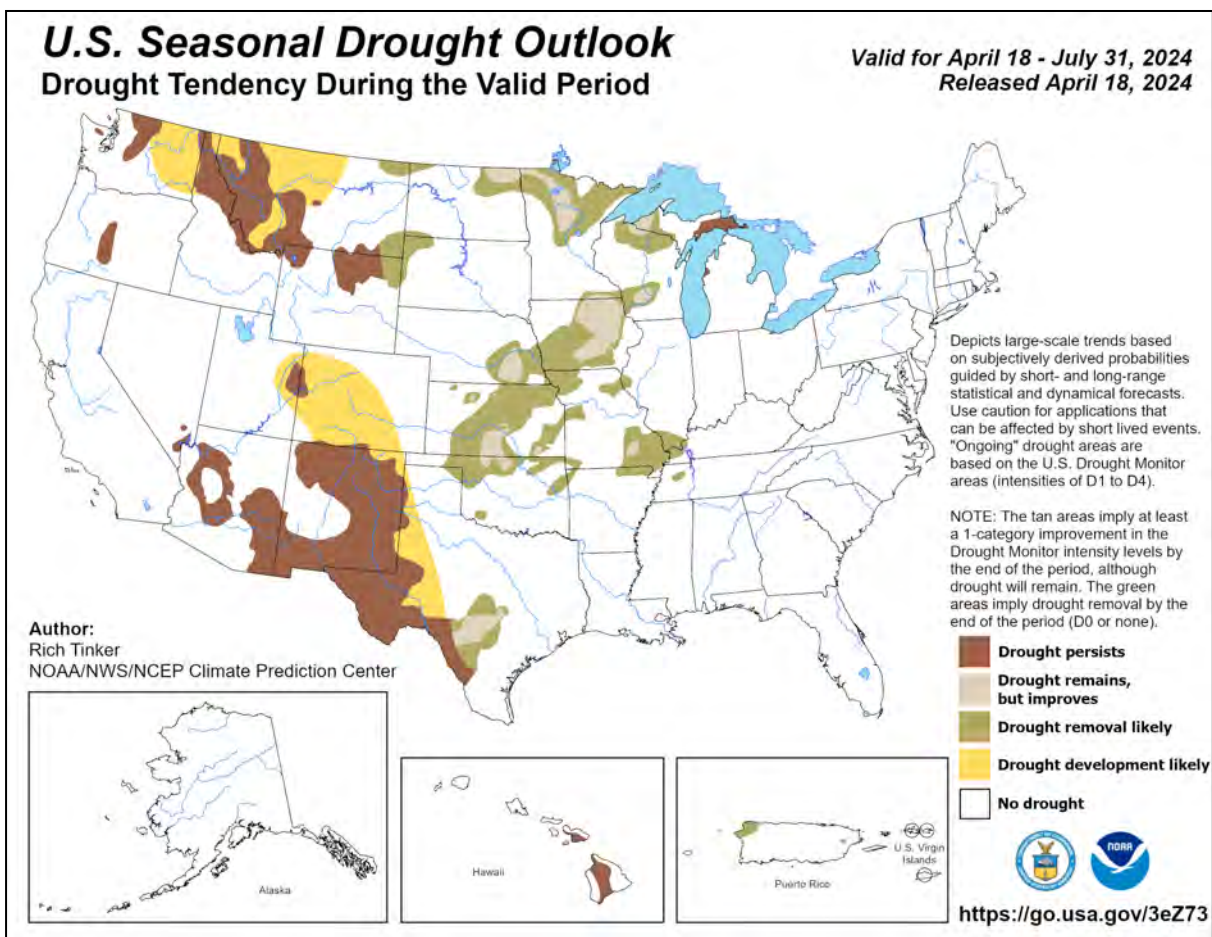
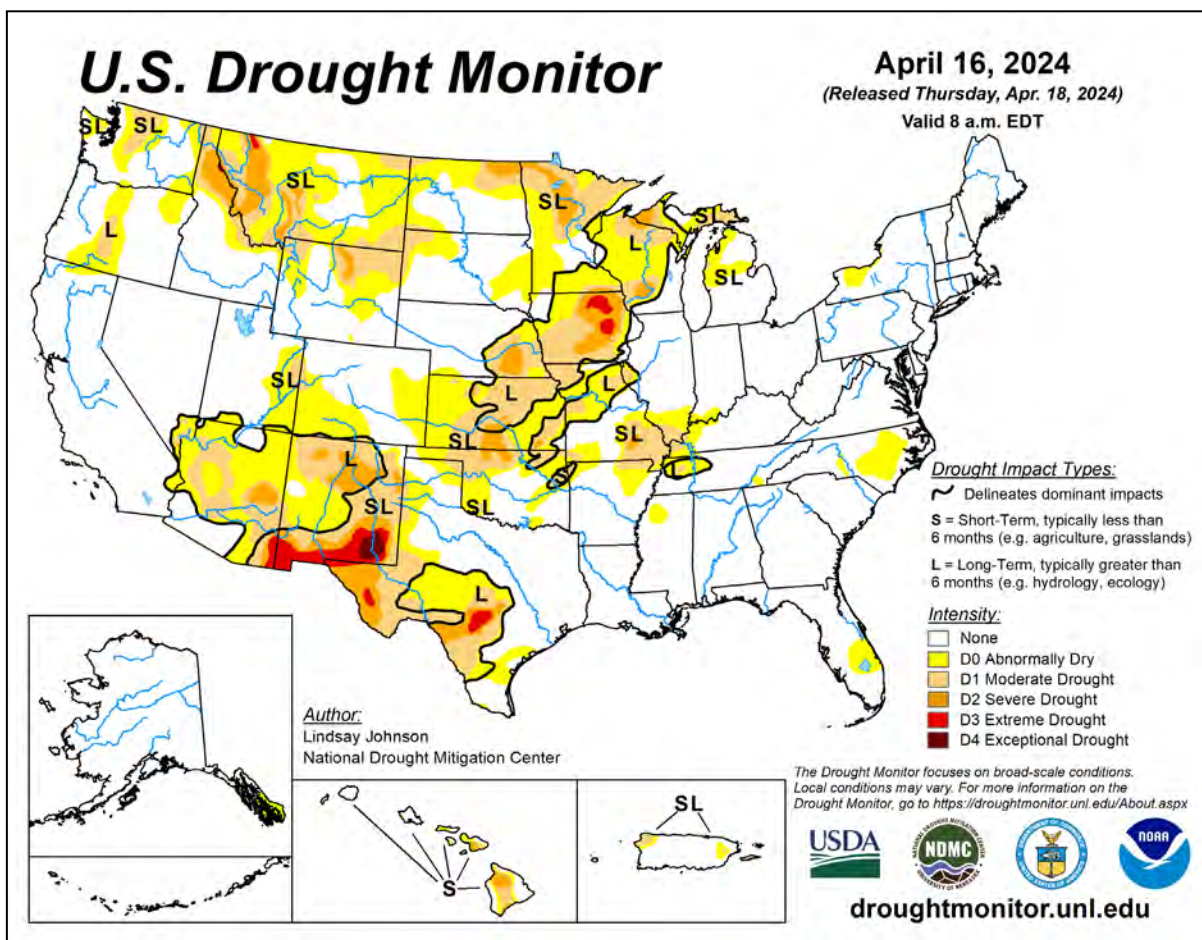
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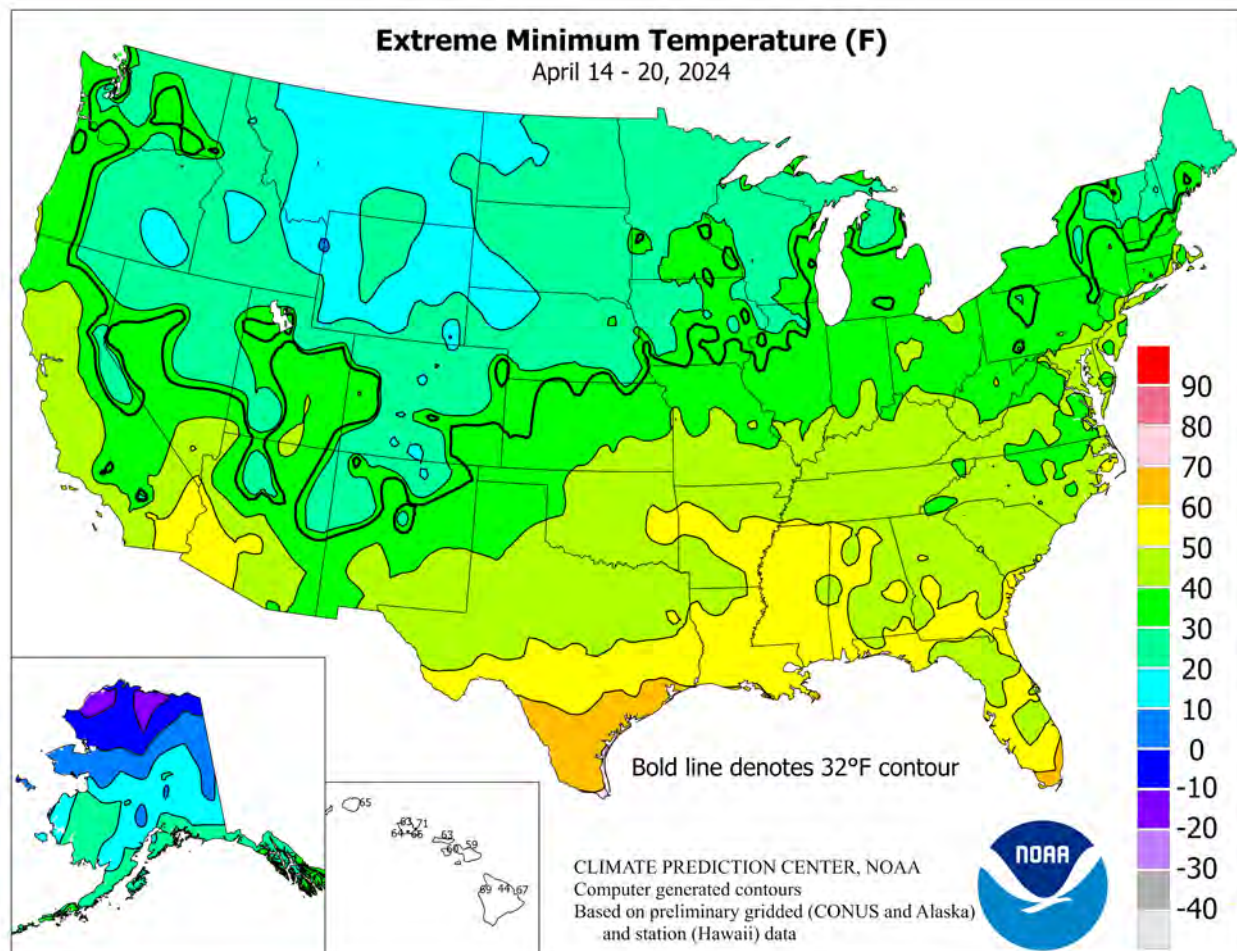
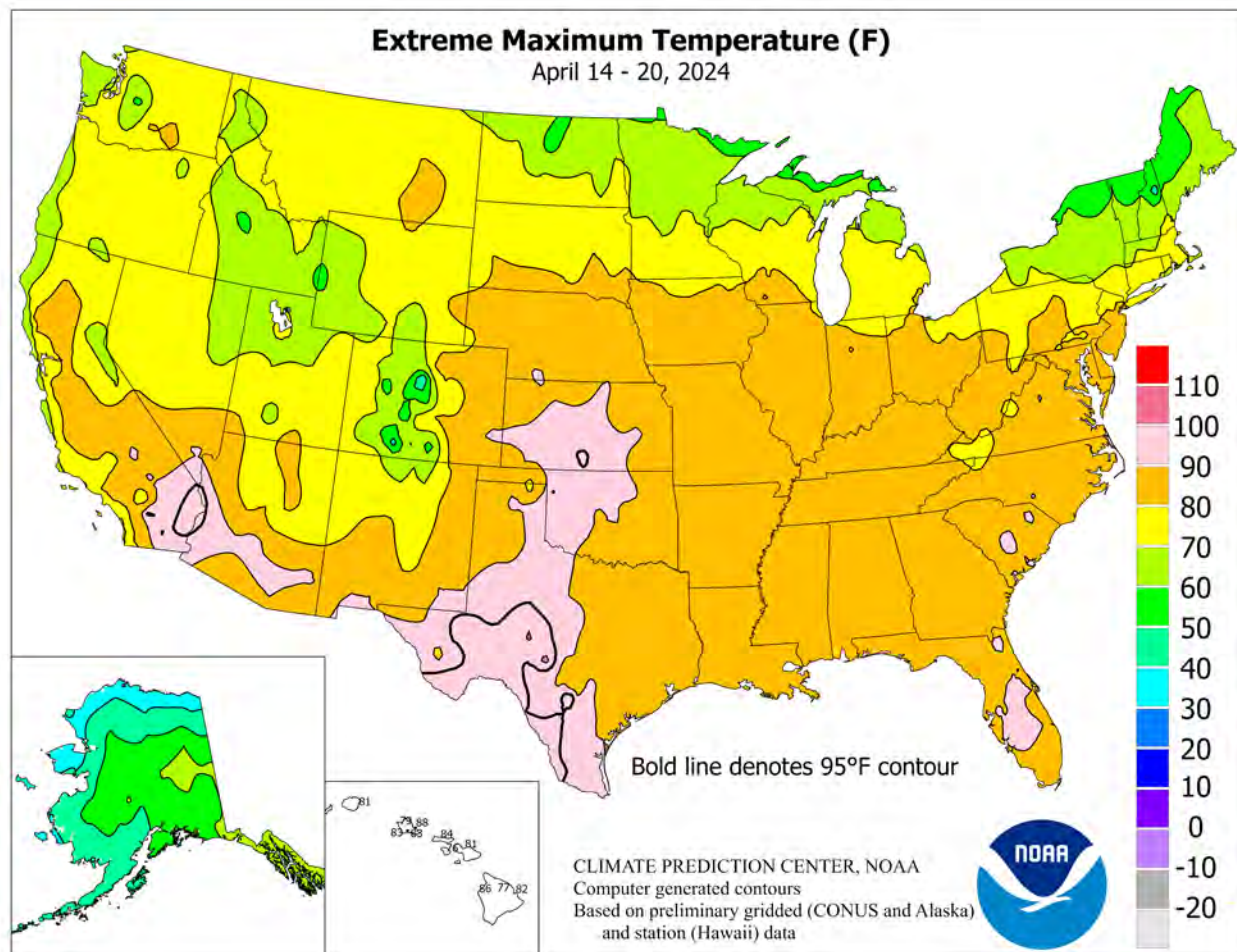












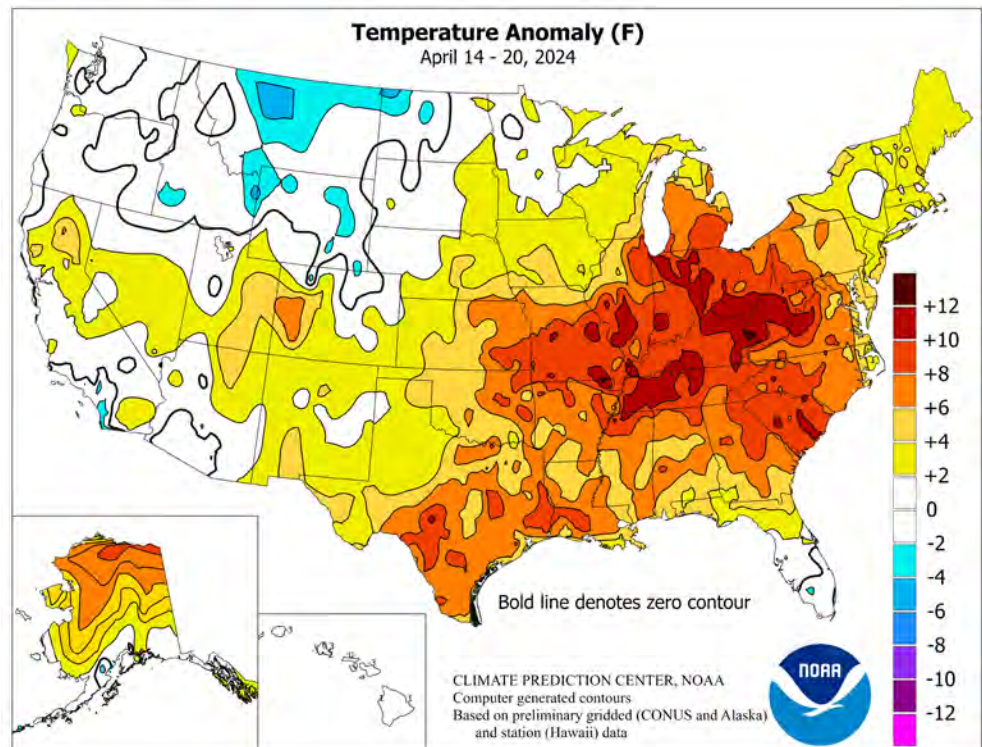


(Continued from front cover)

**Seaboard** late in the week, some heavy showers lingered across the **South**. In fact, weekly rainfall totaled 2 inches or more in several locations from **Texas to the Carolinas**. Conversely, mostly dry weather dominated areas **west of the Rockies**. Additionally, dry weather extended across portions of the **nation's mid-section**, including the **northern High Plains**, as well as portions of **Kansas, Oklahoma**, and the **northern panhandle of Texas**. Warmth covered much of the country, with weekly temperatures averaging some 5 to 10°F above normal from **eastern sections of the central and southern Plains to middle and southern Atlantic States**, excluding **Florida's peninsula**. The warmest weather, relative to normal, prevailed in the **Ohio and Tennessee Valleys**, as well as the **central and southern Appalachians**. In contrast, cooler-than-normal conditions were largely limited to the **nation's northern tier**, mainly across **northern sections of the Rockies and High Plains**. As the week progressed, markedly cooler air overspread the **Plains, Midwest, and Northwest**.

As the week began, record-setting heat in advance of a cold front spread from the **Plains into the Midwest**. On April 14, daily-record highs in **Oklahoma** soared to 96°F in **Gage** and 94°F **Hobart**. On the same date, record-setting highs in **Kansas** reached 93°F in **Wichita** and 91°F in **Concordia**. In **Iowa**, daily-record highs for the 14th included 88°F in **Des Moines** and 86°F in **Lamoni**. Warmth made another eastward shift on April 15, when daily-record highs surged to 90°F in **Norfolk, VA**; 88°F in **Louisville, KY**; 87°F in **Huntington, WV**; and 86°F in **Evansville, IN**. **Huntington** posted another daily-record high, 89°F, on April 16. By mid-week, chilly air arrived in the **Northwest**, where **Olympia, WA**, posted a daily-record low of 25°F. Additional **Western** daily-record lows included 17°F (on April 18) in **Burns, OR**, and 19°F (on April 20) in **Miles City, MT**. Farther south, maximum temperatures on April 20 remained below the 40-degree mark in locations such as **Goodland, KS** (high of 35°F), and **Dubuque, IA** (39°F). By Sunday morning, April 21, **Dubuque** logged a daily-record low of 24°F.

With the late-week cold spell, accumulating snow fell as far south as the **central High Plains**. In fact, snow in **Goodland, KS**, totaled 1.8 inches on April 19-20. During the same 2 days, **Denver, CO**, received snowfall totaling 6.3 inches. In **southwestern Kansas**, however, precipitation from March 1 – April 20 totaled just 0.27 inch (11 percent of normal) in **Dodge City** and 0.17 inch (8 percent) in **Garden City**. Earlier, precipitation had spread from the **Northwest to the nation's mid-section**. Daily-record totals for April 14 had included 0.67 inch in **Montague, CA**, and 0.65 inch in **Klamath Falls, OR**. On April 15, as showers arrived on the **Plains**, **Rapid City, SD**, collected a daily-record sum of 1.23 inches. Farther south, a



thunderstorm wind gust to 75 mph was clocked in **Ord, NE**, on the 15th. The following day in Iowa, wind gusts reached 62 mph in **Estherville** and 61 mph in **Lamoni**. Elsewhere on April 16, daily-record totals topped an inch in many locations, including **Watertown, SD** (1.85 inches), **Minneapolis-St. Paul, MN** (1.33 inches), and **Norfolk, NE** (1.15 inches). As showers shifted eastward, **Evansville, IN**, collected a record-setting rainfall total (2.27 inches) for April 18. At week's end, heavy rain developed in the **south-central U.S.**, including parts of **Texas**, where daily-record totals for April 20 reached 2.88 inches in **College Station**, 2.34 inches in **Dallas-Ft. Worth**, and 2.12 inches in **Longview**.

Weekly temperatures averaged at least 10°F above normal in parts of **northern Alaska**, with record-setting high temperatures appearing in other parts of the state as the week progressed. On the **Arctic Coast**, **Utqiagvik** posted a daily-record high of 36°F on April 16. Later, the week ended (on April 19-20) with consecutive daily-record highs in **Yakutat** (64 and 61°F) and **Sitka** (65 and 63°F). Other **Alaskan** daily-record highs for April 20 included 57°F in **Anchorage** and 59°F in **McGrath**. During the warm spell, significant **Alaskan** precipitation was scarce, with no measurable precipitation reported from April 14-20 in locations such as **Anchorage, Fairbanks, King Salmon, and Yakutat**. **Kodiak** was a notable exception to the dry pattern, with the weekly sum of 8.19 inches being boosted by daily-record totals (3.23 and 2.59 inches, respectively) on April 17 and 18. Farther south, locally heavy showers lingered early in the week across **Oahu** and **Maui**, followed by more tranquil weather. On **Maui**, **Kahului** netted a daily-record rainfall of 1.47 inches on April 15. Several days of cool weather trailed the rain, with **Kahului** reporting daily record-tying lows (58 and 60°F, respectively) on April 16 and 18. Through April 20, rainfall at the state's major airport observation sites ranged from 1.41 inches (243 percent of normal) in **Honolulu, Oahu**, to 12.38 inches (848 percent) in **Lihue, Kauai**.

## National Weather Data for Selected Cities

Weather Data for the Week Ending April 20, 2024

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	PRECIP		
																			.01 INCH OR MORE	.50 INCH OR MORE	
AK	ANCHORAGE	45	32	57	25	39	0	0.00	-0.09	0.00	1.36	140	3.44	131	70	42	0	4	0	0	
	BARROW	20	9	36	-4	15	0	0.00	-0.04	0.00	0.00	0	0.00	0	89	76	0	7	0	0	
	FAIRBANKS	52	26	63	21	39	3	0.00	-0.08	0.00	0.39	63	0.97	55	74	26	0	6	0	0	
	JUNEAU	56	27	63	25	42	0	0.02	-0.78	0.02	5.75	97	17.96	109	91	30	0	7	1	0	
	KODIAK	42	35	45	24	38	-1	8.09	6.62	2.85	13.14	147	27.75	116	92	72	0	2	5	4	
AL	NOME	35	20	40	8	27	4	0.46	0.29	0.25	3.28	267	5.61	176	94	76	0	7	6	0	
	BIRMINGHAM	79	60	84	52	69	6	0.94	-0.23	0.44	7.78	85	18.64	96	86	51	0	0	3	0	
	HUNTSVILLE	79	57	84	51	68	5	0.44	-0.67	0.35	6.78	78	17.51	92	96	49	0	0	3	0	
	MOBILE	83	63	87	52	73	6	0.00	-1.35	0.00	8.01	86	17.74	90	96	50	0	0	0	0	
	MONTGOMERY	83	59	86	49	71	5	0.84	-0.07	0.84	9.79	122	25.28	142	93	47	0	0	1	1	
AR	FORT SMITH	78	59	88	54	69	6	0.06	-1.12	0.04	7.93	113	12.63	99	88	52	0	0	2	0	
	LITTLE ROCK	77	63	85	53	70	8	0.72	-0.65	0.40	8.55	100	20.76	128	84	59	0	0	3	0	
AZ	FLAGSTAFF	64	29	71	26	47	3	0.00	-0.20	0.00	3.29	130	8.76	128	68	17	0	7	0	0	
	PHOENIX	89	63	96	58	76	3	0.00	-0.04	0.00	1.70	166	3.74	133	34	9	4	0	0	0	
CA	PRESCOTT	72	41	78	34	56	2	0.00	-0.10	0.00	1.99	152	4.30	112	50	15	0	0	0	0	
	TUCSON	87	53	93	46	70	2	0.00	-0.04	0.00	2.07	271	5.18	209	37	8	3	0	0	0	
	BAKERSFIELD	76	52	85	42	64	0	0.13	0.00	0.13	1.64	102	5.31	132	84	39	0	0	1	0	
	EUREKA	55	42	57	38	48	-3	0.28	-0.56	0.28	7.73	91	24.78	118	99	77	0	0	1	0	
	FRESNO	76	55	85	45	65	3	0.42	0.19	0.42	3.47	128	8.66	126	85	38	0	0	1	0	
CO	LOS ANGELES	64	52	72	47	58	-3	0.38	0.26	0.38	3.76	170	15.26	187	93	65	0	0	1	0	
	REDDING	76	52	83	44	64	4	0.92	0.37	0.92	6.34	98	19.27	106	78	33	0	0	1	1	
	SACRAMENTO	74	49	81	44	62	2	0.00	-0.28	0.00	3.13	85	11.30	103	92	44	0	0	0	0	
	SAN DIEGO	68	56	71	50	62	-1	0.01	-0.12	0.01	2.69	136	10.76	172	83	55	0	0	1	0	
	SAN FRANCISCO	67	51	76	48	59	2	0.08	-0.23	0.08	4.13	108	13.36	113	85	53	0	0	1	0	
CT	STOCKTON	75	48	81	43	62	0	0.09	-0.16	0.09	3.64	132	10.13	126	93	43	0	0	1	0	
	ALAMOSA	67	26	72	18	47	4	0.04	-0.09	0.04	1.26	144	1.96	132	69	14	0	6	1	0	
	CO SPRINGS	61	37	78	29	49	1	0.23	-0.13	0.17	1.77	107	3.77	165	74	34	0	1	3	0	
	DENVER INTL	59	36	80	30	47	0	0.96	0.55	0.32	2.98	161	4.70	177	76	42	0	3	4	0	
	GRAND JUNCTION	75	46	80	41	61	8	0.04	-0.19	0.04	1.15	78	1.81	69	50	13	0	0	1	0	
DC	PUEBLO	69	38	84	32	54	2	0.12	-0.27	0.08	2.04	113	3.81	157	67	24	0	1	2	0	
	BRIDGEPORT	61	45	79	43	53	3	0.36	-0.61	0.22	12.93	188	20.70	155	86	47	0	0	3	0	
DE	HARTFORD	64	43	77	41	54	4	0.93	0.04	0.37	11.76	185	21.91	170	85	37	0	0	4	0	
	WASHINGTON	75	55	83	48	65	6	0.18	-0.53	0.16	6.27	112	13.42	120	80	39	0	0	3	0	
FL	WILMINGTON	69	47	84	42	58	3	0.67	-0.11	0.46	11.52	177	19.54	154	90	44	0	0	3	0	
	DAYTONA BEACH	84	60	91	51	72	2	0.00	-0.48	0.00	4.47	86	9.94	96	98	45	1	0	0	0	
	JACKSONVILLE	88	59	90	52	74	5	0.00	-0.69	0.00	6.81	127	13.20	113	90	36	2	0	0	0	
	KEY WEST	82	73	84	71	78	-1	0.00	-0.55	0.00	5.49	196	11.55	186	80	59	0	0	0	0	
	MIAMI	83	69	85	64	76	-1	0.00	-0.84	0.00	4.73	103	8.65	100	76	50	0	0	0	0	
GA	ORLANDO	87	62	91	52	74	2	0.00	-0.59	0.00	2.31	48	6.27	67	93	37	2	0	0	0	
	PENSACOLA	79	64	82	55	72	3	0.00	-1.32	0.00	7.75	85	15.21	80	92	54	0	0	0	0	
	TALLAHASSEE	86	57	90	48	71	4	0.00	-0.79	0.00	14.99	193	22.14	133	95	40	2	0	0	0	
	TAMPA	85	66	88	57	75	1	0.00	-0.63	0.00	3.80	90	10.08	105	83	41	0	0	0	0	
	WEST PALM BEACH	83	68	87	61	75	0	0.00	-0.91	0.00	8.63	149	14.32	119	80	51	0	0	0	0	
HI	ATHENS	84	57	87	47	70	8	0.04	-0.75	0.04	9.44	140	24.61	157	89	32	0	0	1	0	
	ATLANTA	83	60	86	54	72	8	0.67	-0.19	0.59	12.86	177	22.48	135	82	40	0	0	2	1	
	AUGUSTA	86	55	88	42	71	6	0.00	-0.65	0.00	4.96	80	10.81	78	97	34	0	0	0	0	
	COLUMBUS	81	58	84	50	69	3	0.00	-0.80	0.00	11.14	153	23.40	154	89	44	0	0	0	0	
	MACON	85	57	87	45	71	6	0.22	-0.62	0.22	10.81	157	21.72	140	98	41	0	0	1	0	
IA	SAVANNAH	87	62	90	52	74	8	0.00	-0.80	0.00	8.20	140	13.42	111	84	35	3	0	0	0	
	HILO	79	69	82	67	74	1	1.29	-0.80	0.84	25.35	131	34.21	90	96	69	0	0	4	1	
	HONOLULU	81	69	83	66	75	-2	0.89	0.74	0.86	1.66	56	4.54	66	87	55	0	0	3	1	
	KAHULUI	79	65	81	59	72	-3	1.48	1.19	1.43	2.47	68	7.38	91	95	63	0	0	3	1	
	LIHUE	77	67	81	65	72	-3	0.77	0.40	0.38	13.51	191	17.99	132	88	58	0	0	4	0	
ID	BURLINGTON	66	47	85	33	57	4	2.58	1.63	1.80	9.48	197	11.44	142	81	44	0	0	2	2	
	CEDAR RAPIDS	64	42	86	27	53	3	0.87	-0.02	0.59	2.93	69	3.53	54	85	41	0	2	2	1	
	DES MOINES	69	47	88	33	58	6	0.78	-0.19	0.43	3.63	79	7.94	112	74	31	0	0	3	0	
	DUBUQUE	62	43	82	27	52	4	1.54	0.54	1.09	6.57	135	8.54	109	83	44	0	2	3	1	
	SIOUX CITY	64	40	82	28	52	3	1.46	0.70	0.96	4.64	123	6.27	117	86	42	0	3	3	1	
IL	WATERLOO	64	40	85	31	52	2	0.96	-0.05	0.68	3.87	85	5.39	79	79	35	0	1	3	1	
	BOISE	63	39	72	31	51	0	0.01	-0.27	0.01	3.89	179	8.22	178	61	22	0	1	1	0	
	LEWISTON	65	41	75	34	53	1	0.00	-0.34	0.00	1.58	70	4.31	96	70	27	0	0	0	0	
	POCATELLO	58	30	69	21	44	-2	0.20	-0.08	0.20	3.48	174	7.04	171	81	26	0	4	1	0	
	CHICAGO/O'HARE	66	46	81	35	56	6	0.39	-0.51	0.20	5.51	114	9.50	107	75	40	0	0	3	0	
IN	MOLINE	67	46	85	34	56	4	1.74	0.83	1.11	6.92	139	9.94	116	79	42	0	0	2	2	
	PEORIA	70	49	86	35	60	6	0.80	-0.17	0.79	6.12	117	9.78	104	80	37	0	0	2	1	
	ROCKFORD	66	44	84	30	55	5	0.71	-0.20	0.35	7.56	156	10.10	124	78	41	0	1	3	0	
	SPRINGFIELD	73	51	87	37	62	6	0.02	-0.94	0.02	5.81	111	10.46	114	77	38	0	0	1	0	
	EVANSVILLE	78	55	86	42	67	9	2.80	1.53	2.24	7.31	94	14.16	97	86	34	0	0	3	1	
KS	FORT WAYNE																				

## Weather Data for the Week Ending April 20, 2024

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE 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	75	50	93	43	62	6	0.08	-0.66	0.07	1.85	45	4.17	67	84	36	1	0	2	0	
	LEXINGTON	77	55	83	44	66	9	0.23	-0.80	0.14	6.78	93	15.59	107	76	43	0	0	3	0	
	LOUISVILLE	80	59	88	46	69	9	1.06	-0.07	0.41	6.17	80	13.97	95	78	31	0	0	4	0	
LA	PADUCAH	78	58	85	44	68	8	0.28	-1.00	0.24	4.52	57	14.27	89	83	39	0	0	4	0	
	BATON ROUGE	86	66	89	55	76	8	0.00	-1.24	0.00	10.62	135	20.88	111	92	53	0	0	0	0	
	LAKE CHARLES	82	67	84	57	74	5	0.14	-0.93	0.14	5.58	85	17.18	108	97	65	0	0	1	0	
MA	NEW ORLEANS	83	68	86	59	75	5	0.00	-1.25	0.00	14.70	189	26.09	151	96	62	0	0	0	0	
	SHREVEPORT	79	65	84	52	72	6	***	***	***	***	***	***	***	88	65	0	0	***	***	
	BOSTON	59	44	73	42	52	2	0.48	-0.31	0.29	10.91	163	18.97	141	87	43	0	0	3	0	
MD	WORCESTER	59	41	70	38	50	3	0.41	-0.52	0.23	12.80	183	22.34	160	80	36	0	0	3	0	
	BALTIMORE	73	51	85	40	62	6	0.08	-0.68	0.04	7.95	127	15.56	126	83	41	0	0	3	0	
	CARIBOU	52	32	62	28	42	3	0.13	-0.58	0.06	5.94	125	9.06	88	86	43	0	4	3	0	
MI	PORTLAND	57	38	65	35	47	2	0.26	-0.76	0.26	12.31	175	20.65	145	91	46	0	0	1	0	
	ALPENA	53	37	68	32	45	3	0.69	-0.04	0.34	6.06	161	9.33	130	93	54	0	1	4	0	
	GRAND RAPIDS	63	44	76	35	54	5	0.22	-0.78	0.11	5.23	104	10.32	106	79	41	0	0	3	0	
MN	HOUGHTON LAKE	57	37	69	29	47	4	0.95	0.19	0.65	4.67	128	6.17	111	92	43	0	2	3	1	
	LANSING	64	44	77	35	54	6	0.72	-0.08	0.44	4.71	110	8.79	108	84	39	0	0	4	0	
	MUSKEGON	64	45	77	39	54	7	0.38	-0.46	0.27	5.13	109	8.65	93	75	40	0	0	3	0	
MO	TRAVERSE CITY	59	39	71	31	49	5	0.69	0.00	0.36	3.61	106	5.24	85	88	38	0	1	4	0	
	DULUTH	50	33	66	28	42	1	0.56	-0.05	0.39	2.82	92	3.87	76	78	43	0	2	2	0	
	INT'L FALLS	48	30	63	23	39	0	0.28	-0.09	0.20	1.50	73	2.89	81	87	45	0	5	3	0	
MS	MINNEAPOLIS	56	42	71	31	49	1	1.64	0.95	1.32	4.88	138	5.66	106	72	34	0	1	2	1	
	ROCHESTER	57	39	77	29	48	2	0.96	0.12	0.71	4.23	98	5.02	79	78	41	0	3	3	1	
	ST. CLOUD	55	38	71	29	47	3	2.01	1.41	1.71	4.82	151	6.01	129	79	35	0	2	3	1	
MT	COLUMBIA	76	53	86	40	65	8	0.09	-1.12	0.07	4.97	83	7.89	76	73	37	0	0	2	0	
	KANSAS CITY	71	50	85	37	61	6	1.99	1.00	1.77	4.26	89	6.47	86	84	40	0	0	2	1	
	SAINT LOUIS	79	56	89	41	67	9	0.98	-0.17	0.98	7.05	108	11.41	99	74	33	0	0	1	1	
NC	SPRINGFIELD	75	55	83	44	65	8	0.00	-1.15	0.00	4.48	70	7.83	68	81	43	0	0	0	0	
	JACKSON	80	63	86	53	72	7	0.44	-0.98	0.44	17.39	176	31.51	153	93	58	0	0	1	0	
	MERIDIAN	81	60	87	51	71	5	0.02	-1.35	0.02	12.96	137	23.69	115	94	52	0	0	1	0	
ND	TUPELO	78	60	85	53	69	6	0.15	-1.14	0.08	12.59	139	24.14	124	89	54	0	0	2	0	
	BILLINGS	56	33	80	22	44	-2	0.27	-0.15	0.16	1.65	80	2.87	90	78	27	0	4	2	0	
	BUTTE	50	24	70	15	37	-2	0.00	-0.33	0.00	1.33	88	2.78	116	80	27	0	6	0	0	
NE	CUT BANK	50	22	71	11	36	-5	0.00	-0.24	0.00	0.48	50	0.87	61	82	31	0	5	0	0	
	GLASGOW	54	33	77	18	43	-2	0.00	-0.24	0.00	1.27	121	2.30	124	74	34	0	4	0	0	
	GREAT FALLS	52	25	74	14	38	-5	0.07	-0.36	0.07	2.33	129	4.41	148	85	36	0	5	1	0	
NH	HAVRE	54	28	75	15	41	-4	0.01	-0.23	0.01	1.16	103	2.98	154	86	36	0	4	1	0	
	MISSOULA	57	35	77	28	46	2	0.20	-0.15	0.20	1.66	89	3.33	89	73	29	0	3	1	0	
	ASHEVILLE	79	51	84	40	65	8	0.23	-0.74	0.20	7.38	113	17.11	120	90	36	0	0	3	0	
NJ	CHARLOTTE	86	58	89	45	72	10	0.36	-0.56	0.19	5.70	87	13.89	105	79	35	0	0	2	0	
	GREENSBORO	81	56	86	42	68	8	0.23	-0.67	0.23	5.23	84	14.33	114	85	36	0	0	1	0	
	HATTERAS	72	59	79	54	65	3	0.05	-0.86	0.05	10.86	154	14.59	88	96	65	0	0	1	0	
NM	RALEIGH	82	58	89	44	70	9	0.00	-0.84	0.00	4.95	76	11.03	86	82	38	0	0	0	0	
	WILMINGTON	84	59	89	44	71	7	0.13	-0.56	0.12	7.30	122	10.76	80	89	40	0	0	2	0	
	BISMARCK	53	33	72	24	43	-1	0.26	-0.04	0.14	1.43	86	2.13	79	82	39	0	4	2	0	
NV	DICKINSON	52	32	73	20	42	0	0.61	0.29	0.61	0.81	58	0.86	43	77	40	0	4	1	1	
	FARGO	56	37	74	29	47	3	0.89	0.55	0.48	1.96	90	2.80	77	73	33	0	2	4	0	
	GRAND FORKS	52	31	69	22	41	0	0.50	0.24	0.28	0.87	53	1.37	52	81	39	0	5	3	0	
NY	JAMESTOWN	52	34	72	25	43	1	0.62	0.36	0.55	1.24	92	1.30	63	77	36	0	3	3	1	
	GRAND ISLAND	67	41	86	25	54	3	0.29	-0.32	0.21	2.17	74	3.68	85	81	31	0	2	2	0	
	LINCOLN	61	38	72	29	49	-3	0.00	-0.36	0.00	0.98	45	2.31	60	76	30	0	1	0	0	
OH	NORFOLK	65	40	84	31	53	3	1.73	1.07	1.14	3.92	125	5.33	116	84	33	0	3	3	2	
	NORTH PLATTE	65	34	87	24	49	1	0.44	-0.14	0.24	1.68	70	3.13	92	87	35	0	3	3	0	
	OMAHA	69	45	88	32	57	4	0.63	-0.09	0.35	2.63	71	3.55	65	80	28	0	1	4	0	
PA	SCOTTSBLUFF	62	35	84	24	49	1	0.06	-0.41	0.04	1.55	70	3.32	104	79	31	0	3	2	0	
	VALENTINE	62	35	84	20	48	1	0.40	-0.22	0.23	3.00	118	4.44	126	85	34	0	3	2	0	
	CONCORD	61	36	68	30	49	3	0.63	-0.17	0.53	8.64	155	15.72	140	99	34	0	2	3	1	
RI	ATLANTIC CITY	68	47	86	44	57	4	0.39	-0.34	0.30	12.06	178	20.20	149	86	40	0	0	3	0	
	NEWARK	67	48	83	44	58	4	0.11	-0.76	0.05	9.74	146	16.05	121	83	37	0	0	3	0	
	ALBUQUERQUE	75	45	80	37	60	3	0.00	-0.13	0.00	0.49	59	1.23	75	47	12	0	0	0	0	
TN	ELY	63	28	69	24	46	3	0.00	-0.24	0.00	1.64	95	3.53	106	70	20	0	6	0	0	
	LAS VEGAS	81	59	89	48	70	2	0.00	-0.04	0.00	0.66	116	1.82	93	36	12	0	0	0	0	
	RENO	69	43	77	38	56	5	0.00	-0.09	0.00	2.46	225	4.87	142	63	21	0	0	0	0	
TX	WINNEMUCCA	57	35	65	31	46	-1	0.21	0.01	0.21	2.57	172	5.99	187	77	32	0	1	1	0	
	ALBANY	60	41	66	37	51	2	0.40	-0.32	0.16	9.29	180	14.74	145	83	39	0	0	3	0	
	BINGHAMTON	58	41	63	37	50	4	0.45	-0.40	0.16	7.93	145	14.07	133	86	53	0	0	4	0	
UT	BUFFALO	59	43	66	40	51	5	0.54	-0.26	0.38	5.09	98	10.75	96	87	49	0	0	4	0	
	ROCHESTER	59	41	63	38	50	3	0.55	-0.17	0.39	5.50	122	9								

Weather Data for the Week Ending April 20, 2024

STATES AND STATIONS		TEMPERATURE °F					PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE 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	69	48	81	38	59	7	0.59	-0.25	0.32	8.36	171	13.54	140	80	36	0	0	2	0
	YOUNGSTOWN	69	46	80	39	58	8	0.76	-0.14	0.48	8.65	150	14.15	124	82	37	0	0	3	0
	OKLAHOMA CITY	76	55	89	46	65	6	0.00	-0.82	0.00	3.76	80	6.76	90	85	44	0	0	0	0
OR	TULSA	78	56	87	47	67	6	0.00	-1.05	0.00	2.48	43	6.48	71	82	41	0	0	0	0
	ASTORIA	60	41	72	34	51	2	0.17	-1.19	0.08	8.39	69	31.23	103	86	44	0	0	3	0
	BURNS	61	29	71	17	45	1	0.02	-0.20	0.02	1.31	80	5.59	142	78	24	0	5	1	0
PA	EUGENE	64	40	72	36	52	1	0.02	-0.74	0.02	5.26	74	14.55	80	89	40	0	0	1	0
	MEDFORD	68	41	78	35	55	2	0.42	0.07	0.42	3.22	111	9.39	123	83	29	0	0	1	0
	PENDLETON	65	37	75	30	51	1	0.00	-0.28	0.00	1.18	54	4.52	92	72	26	0	3	0	0
RI	PORTLAND	66	46	72	40	56	3	0.01	-0.67	0.01	3.17	52	16.48	110	70	31	0	0	1	0
	SALEM	65	41	72	33	53	1	0.00	-0.73	0.00	4.69	70	19.20	110	78	35	0	0	0	0
	ALLENTOWN	66	43	77	37	55	2	0.17	-0.67	0.12	9.32	154	16.87	138	89	43	0	0	4	0
SD	ERIE	64	45	78	40	55	6	0.31	-0.51	0.26	4.88	89	9.93	86	83	40	0	0	2	0
	MIDDLETOWN	70	47	80	40	58	5	0.32	-0.48	0.21	8.28	137	16.48	140	90	43	0	0	4	0
	PHILADELPHIA	69	48	84	44	59	3	0.24	-0.54	0.13	11.00	175	18.34	149	88	39	0	0	3	0
SC	PITTSBURGH	74	49	82	36	62	10	0.21	-0.57	0.20	10.61	198	16.55	150	75	30	0	0	2	0
	WILKES-BARRE	66	44	78	36	55	4	0.23	-0.54	0.19	7.74	157	14.82	153	88	39	0	0	3	0
	WILLIAMSPORT	69	43	85	35	56	5	0.38	-0.46	0.20	8.77	159	16.89	155	91	42	0	0	2	0
TN	PROVIDENCE	62	43	77	41	52	2	0.43	-0.53	0.28	15.17	192	25.29	164	92	40	0	0	4	0
	CHARLESTON	87	61	91	48	74	8	0.00	-0.80	0.00	11.35	203	16.29	134	84	36	2	0	0	0
	COLUMBIA	88	59	90	44	73	9	0.07	-0.56	0.07	9.28	170	14.59	117	87	35	2	0	1	0
TX	FLORENCE	88	58	91	42	73	8	0.00	-0.69	0.00	6.41	123	11.00	96	89	32	2	0	0	0
	GREENVILLE	86	56	88	44	71	9	0.00	-0.94	0.00	8.30	116	20.94	137	81	32	0	0	0	0
	ABERDEEN	59	36	78	25	48	3	1.47	1.05	1.16	2.71	140	3.00	95	77	30	0	3	2	1
UT	HURON	61	36	80	25	49	2	1.15	0.55	0.93	2.00	74	3.04	75	81	32	0	3	2	1
	RAPID CITY	60	35	81	19	47	3	1.29	0.78	1.22	4.44	204	5.25	174	78	31	0	3	3	1
	SIOUX FALLS	62	41	83	30	51	3	1.30	0.57	1.27	3.40	96	4.72	94	71	35	0	1	2	1
VA	BRISTOL	78	51	82	38	65	8	0.08	-0.80	0.08	5.74	88	13.07	92	88	43	0	0	1	0
	CHATTANOOGA	81	58	86	49	69	7	1.10	0.01	0.83	7.55	88	16.90	89	89	41	0	0	2	1
	KNOXVILLE	80	56	85	48	68	8	0.35	-0.75	0.28	7.12	88	17.60	98	87	39	0	0	3	0
WV	MEMPHIS	77	62	83	51	70	6	0.16	-1.28	0.08	7.79	81	18.00	97	85	54	0	0	4	0
	NASHVILLE	81	60	87	48	70	9	0.43	-0.69	0.35	6.10	81	15.06	93	79	35	0	0	3	0
	ABILENE	80	61	91	48	71	5	0.87	0.44	0.87	2.77	98	6.17	117	95	38	1	0	1	1
WY	AMARILLO	74	44	87	35	59	2	0.00	-0.33	0.00	2.54	117	4.17	122	65	19	0	0	0	0
	AUSTIN	81	67	88	53	74	4	0.31	-0.21	0.28	3.36	76	10.30	114	92	64	0	0	2	0
	BEAUMONT	82	68	85	58	75	5	0.14	-0.76	0.14	5.65	90	18.96	128	95	69	0	0	1	0
WY	BROWNSVILLE	90	76	92	73	83	6	0.01	-0.37	0.01	0.78	31	4.05	87	91	55	4	0	1	0
	CORPUS CHRISTI	87	72	91	67	80	6	0.01	-0.48	0.01	1.22	34	5.47	86	96	66	1	0	1	0
	DEL RIO	92	71	98	60	82	9	0.03	-0.31	0.02	0.11	5	0.69	20	81	36	5	0	2	0
WY	EL PASO	86	57	90	50	71	5	0.00	-0.04	0.00	0.06	18	0.78	67	28	8	1	0	0	0
	FORT WORTH	79	63	88	48	71	5	2.37	1.63	2.33	9.43	177	14.30	133	90	57	0	0	2	1
	GALVESTON	79	71	81	64	75	3	0.00	-0.47	0.00	3.45	78	11.06	101	97	80	0	0	0	0
WY	HOUSTON	83	68	88	60	76	5	1.17	0.24	1.17	5.24	86	15.89	123	93	62	0	0	1	1
	LUBBOCK	78	50	91	40	64	3	0.48	0.19	0.48	1.76	93	3.06	95	64	19	3	0	1	0
	MIDLAND	82	55	94	45	69	2	0.66	0.51	0.66	1.25	107	1.82	75	67	23	3	0	1	1
WY	SAN ANGELO	86	59	101	50	73	5	0.72	0.40	0.72	1.15	47	2.31	50	84	33	5	0	1	1
	SAN ANTONIO	83	68	88	58	76	6	0.32	-0.22	0.28	2.67	70	8.87	116	93	64	0	0	3	0
	VICTORIA	85	69	87	62	77	6	0.00	-0.69	0.00	2.58	52	12.98	134	95	60	0	0	0	0
WY	WACO	78	64	87	49	71	5	1.55	0.76	1.55	5.37	99	11.06	102	92	70	0	0	1	1
	WICHITA FALLS	76	57	87	48	67	4	0.63	0.04	0.61	4.46	126	8.75	141	89	53	0	0	2	1
	SALT LAKE CITY	62	43	72	34	53	1	0.22	-0.29	0.22	2.33	72	6.31	105	71	27	0	0	1	0
WY	LYNCHBURG	79	52	88	41	65	9	0.01	-0.79	0.01	6.38	106	14.22	114	83	37	0	0	1	0
	NORFOLK	75	54	90	46	64	4	0.28	-0.50	0.20	11.16	189	17.20	139	85	41	1	0	2	0
	RICHMOND	78	53	90	41	65	6	0.24	-0.47	0.22	8.42	139	16.43	137	85	38	1	0	2	0
WY	ROANOKE	80	57	88	50	69	10	0.02	-0.79	0.02	4.52	78	11.07	92	72	34	0	0	1	0
	WASH/DULLES	76	52	85	42	64	8	0.02	-0.75	0.01	5.17	90	12.36	108	78	36	0	0	2	0
	BURLINGTON	56	39	60	33	48	1	0.32	-0.43	0.31	6.33	149	9.85	120	85	40	0	0	2	0
WY	OLYMPIA	64	33	71	28	49	1	0.01	-0.83	0.01	5.20	62	19.66	91	89	29	0	3	1	0
	QUILLAYUTE	62	39	69	35	51	4	0.12	-1.78	0.12	14.16	80	40.20	92	78	35	0	0	1	0
	SEATTLE-TACOMA	62	42	70	36	52	1	0.00	-0.76	0.00	2.73	42	12.36	76	73	29	0	0	0	0
WY	SPOKANE	60	37	76	29	48	1	0.05	-0.23	0.03	1.49	54	5.43	87	71	27	0	1	2	0
	YAKIMA	66	38	81	31	52	2	0.00	-0.13	0.00	0.63	61	2.95	96	61	20	0	2	0	0
	EAU CLAIRE	57	38	74	29	48	2	1.75	1.03	0.95	5.21	131	5.84	95	77	36	0	1	2	2
WY	GREEN BAY	59	41	76	33	50	5	1.17	0.44	0.87	3.83	98	5.08	77	81	44	0	0	2	1
	LA CROSSE	61	41	79	32	51	2	0.92	0.00	0.60	4.04	90	5.19	74	77	37	0	1	3	1
	MADISON	61	40	82	31	51	4	0.93	0.01	0.80	6.94	147	9.46	121	81	40	0	1	3	1
WY	MILWAUKEE	61	44	76	35	52	5	0.52	-0.44	0.43	8.67	182	12.54	150	77	43	0	0	3	0
	BECKLEY	74	52	81	40	63	9	0.62	-0.20	0.40	5.70	89	13.57	106	79	32	0	0	3	0
	CHARLESTON	81	54	87	41	67	10	0.13	-0.67	0.09	8.17	127	16.18	122	79	31	0	0	3	0
WY	ELKINS	75	44	83	32	60	7	0.48	-0.46	0.31	8.43	127	15.69	117	96	32	0	1	4	0



## National Agricultural Summary

April 15 – 21, 2024

*Weekly National Agricultural Summary provided by USDA/NASS*

### HIGHLIGHTS

**Most of the eastern and western one-thirds of the U.S. were drier than normal, while large parts of the nation's mid-section recorded above-normal precipitation. Some locations across the Great Plains and lower Mississippi Valley recorded weekly rainfall totaling 4 inches or more. Meanwhile, much of the mid-Atlantic, Midwest, South, and Southwest recorded above-normal**

**temperatures for the week. Many locations in the Ohio Valley, Southeast, and Tennessee Valley recorded temperatures 8°F or more above normal. In contrast, parts of the Great Plains, Pacific Northwest, and northern Rockies were cooler than normal. A few areas in Montana and North Dakota recorded temperatures 6°F or more below normal.**

**Corn:** By April 21, producers had planted 12 percent of the nation's corn crop, equal to last year but 2 percentage points ahead of the 5-year average. Texas was the furthest advanced in progress with 68 percent planted, 2 percentage points behind last year but 3 points ahead of average. Three percent of the nation's corn acreage had emerged by April 21, one percentage point ahead of both the previous year and the 5-year average.

**Soybean:** Eight percent of the nation's soybean acreage was planted by April 21, equal to last year but 4 percentage points ahead of the 5-year average. Progress was furthest advanced in Arkansas and Louisiana, with 43 and 42 percent planted, respectively.

**Winter Wheat:** By April 21, seventeen percent of the nation's winter wheat crop was headed, 1 percentage point ahead of last year and 4 points ahead of the 5-year average. On April 21, fifty percent of the 2024 winter wheat crop was reported in good to excellent condition, 5 percentage points below the previous week but 24 points above last year. In Kansas, the largest winter wheat-producing state, 36 percent of the winter wheat crop was rated in good to excellent condition.

**Cotton:** Nationwide, 11 percent of the cotton crop was planted by April 21, equal to both the previous year and the 5-year average. Planting progress was furthest advanced in Arizona with 42 percent, 12 percentage points ahead of last year and 1 point ahead of average.

**Sorghum:** Seventeen percent of the nation's sorghum acreage was planted by April 21, equal to last year but 1 percentage point behind the 5-year average. Texas had planted 60 percent of its sorghum acreage by April 21, equal to both last year and the 5-year average.

**Rice:** By April 21, producers had seeded 59 percent of the 2024 rice acreage, 12 percentage points ahead of the previous year and 24 points ahead of the 5-year average. Louisiana and Texas had the largest percentages of acreage planted, with

87 and 72 percent, respectively. By April 21, thirty-three percent of the nation's rice acreage had emerged, 6 percentage points ahead of last year and 13 points ahead of average.

**Small Grains:** Nationally, oat producers had seeded 51 percent of this year's acreage by April 21, eleven percentage points ahead of last year and 9 points ahead of the 5-year average. Thirty-five percent of the nation's oat acreage was emerged by April 21, eight percentage points ahead of the previous year and 7 points ahead of average.

Twenty-four percent of the nation's barley crop was planted by April 21, fifteen percentage points ahead of last year and 5 points ahead of the 5-year average. Progress was furthest advanced in Idaho and Washington, with 53 and 52 percent planted, respectively. Two percent of the nation's barley crop had emerged by April 21, one percentage point ahead of the previous year but 1 point behind average.

By April 21, fifteen percent of the spring wheat crop was seeded, 11 percentage points ahead of last year and 5 points ahead of the 5-year average. Progress was furthest advanced in Washington and Idaho, with 60 and 55 percent planted, respectively. By April 21, two percent of the nation's spring wheat crop had emerged, 1 percentage point ahead of the previous year but 1 point behind average.

**Other Crops:** Nationally, peanut producers had planted 3 percent of the 2024 peanut acreage by April 21, equal to both the previous year and the 5-year average. Producers in Florida had planted 11 percent of the 2024 intended acreage by week's end, 6 percentage points behind last year and 3 points behind average.

By April 21, twenty-six percent of the sugarbeet crop was planted, 10 percentage points ahead of last year and 7 points ahead of the 5-year average. Progress was furthest advanced in Idaho and Minnesota, with 39 and 29 percent planted, respectively.

## Crop Progress and Condition

### Week Ending April 21, 2024

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

Corn Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
CO	2	0	1	4
IL	16	3	11	10
IN	7	1	2	5
IA	9	4	13	8
KS	22	13	26	18
KY	30	9	23	24
MI	1	0	1	1
MN	1	3	8	4
MO	50	26	47	21
NE	8	2	6	5
NC	45	27	51	45
ND	0	0	0	1
OH	4	0	0	2
PA	6	0	0	2
SD	0	1	3	1
TN	42	13	31	28
TX	70	63	68	65
WI	1	1	2	2
18 Sts	12	6	12	10
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Emerged				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
CO	0	NA	0	0
IL	0	0	1	0
IN	0	NA	0	0
IA	0	NA	0	0
KS	2	NA	3	1
KY	9	NA	8	5
MI	0	NA	0	0
MN	0	NA	0	0
MO	9	1	12	3
NE	0	NA	0	0
NC	21	7	26	20
ND	0	NA	0	0
OH	0	NA	0	0
PA	0	NA	0	0
SD	0	NA	0	0
TN	8	NA	5	7
TX	59	50	55	52
WI	0	NA	0	0
18 Sts	2	NA	3	2
These 18 States planted 92% of last year's corn acreage.				

Soybeans Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
AR	30	26	43	15
IL	12	4	11	6
IN	6	0	2	3
IA	4	2	8	2
KS	3	1	6	1
KY	16	8	13	8
LA	38	20	42	25
MI	2	0	1	1
MN	0	1	5	0
MS	31	16	28	23
MO	13	8	16	3
NE	3	0	2	2
NC	3	0	6	3
ND	0	0	0	0
OH	4	0	0	2
SD	0	0	0	0
TN	13	8	17	5
WI	0	0	2	0
18 Sts	8	3	8	4
These 18 States planted 96% of last year's soybean acreage.				



**Crop Progress and Condition****Week Ending April 21, 2024**

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

Cotton Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
AL	5	1	3	3
AZ	30	25	42	41
AR	4	2	6	1
CA	14	5	20	36
GA	3	1	4	5
KS	0	0	0	0
LA	4	0	5	5
MS	1	0	1	2
MO	1	2	3	1
NC	1	0	1	1
OK	0	0	0	1
SC	1	1	4	1
TN	2	0	1	1
TX	17	13	16	16
VA	17	3	12	6
15 Sts	11	8	11	11
These 15 States planted 99% of last year's cotton acreage.				

Sugarbeets Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
ID	49	16	39	63
MI	46	14	18	35
MN	0	2	29	4
ND	0	0	17	2
4 Sts	16	6	26	19
These 4 States planted 86% of last year's sugarbeet acreage.				

Sorghum Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
CO	0	0	0	0
KS	0	0	1	0
NE	0	0	0	0
OK	13	0	0	3
SD	0	0	3	0
TX	60	51	60	60
6 Sts	17	14	17	18
These 6 States planted 100% of last year's sorghum acreage.				

Peanuts Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
AL	3	1	1	2
FL	17	3	11	14
GA	1	1	3	2
NC	1	0	1	1
OK	0	0	0	0
SC	1	1	4	2
TX	0	0	0	0
VA	0	0	0	0
8 Sts	3	1	3	3
These 8 States planted 96% of last year's peanut acreage.				

Rice Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
AR	46	46	67	28
CA	0	0	5	2
LA	85	80	87	80
MS	35	17	27	26
MO	54	35	56	25
TX	69	63	72	75
6 Sts	47	44	59	35
These 6 States planted 100% of last year's rice acreage.				

Rice Percent Emerged				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
AR	16	7	29	9
CA	0	0	0	0
LA	79	65	77	71
MS	8	2	13	9
MO	9	0	14	5
TX	53	42	56	58
6 Sts	27	18	33	20
These 6 States planted 100% of last year's rice acreage.				

## Crop Progress and Condition

### Week Ending April 21, 2024

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

Winter Wheat Percent Headed				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
AR	40	37	50	37
CA	71	55	65	53
CO	0	0	0	0
ID	0	0	0	0
IL	6	5	11	5
IN	0	0	0	0
KS	2	0	4	1
MI	0	0	0	0
MO	9	5	23	5
MT	0	0	0	0
NE	0	0	0	0
NC	50	18	41	31
OH	0	0	0	0
OK	28	15	30	20
OR	0	0	0	0
SD	0	0	0	0
TX	48	40	50	47
WA	0	0	0	0
18 Sts	16	11	17	13
These 18 States planted 89% of last year's winter wheat acreage.				

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	1	5	26	62	6
CA	0	0	0	25	75
CO	5	11	33	46	5
ID	0	5	27	62	6
IL	1	3	13	67	16
IN	1	3	19	62	15
KS	8	18	38	33	3
MI	0	4	28	45	23
MO	1	1	21	64	13
MT	0	5	43	50	2
NE	2	3	27	52	16
NC	0	2	18	74	6
OH	1	3	28	54	14
OK	3	9	39	43	6
OR	1	2	32	62	3
SD	1	3	33	61	2
TX	8	13	33	39	7
WA	7	11	34	45	3
18 Sts	5	11	34	43	7
Prev Wk	4	9	32	47	8
Prev Yr	18	23	33	23	3

Oats Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
IA	62	66	78	56
MN	4	17	29	13
NE	63	59	71	60
ND	0	1	4	1
OH	55	11	27	43
PA	49	15	25	42
SD	10	30	45	23
TX	100	100	100	100
WI	12	10	19	18
9 Sts	40	43	51	42
These 9 States planted 66% of last year's oat acreage.				

Oats Percent Emerged				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
IA	8	20	34	10
MN	1	5	10	2
NE	20	20	36	20
ND	0	0	1	0
OH	15	6	10	15
PA	14	0	5	21
SD	0	7	13	5
TX	100	100	100	100
WI	0	2	7	3
9 Sts	27	30	35	28
These 9 States planted 66% of last year's oat acreage.				

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

NA - Not Available  
\* Revised

Spring Wheat Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
ID	26	39	55	42
MN	0	3	18	3
MT	4	2	7	10
ND	1	3	7	5
SD	3	23	40	21
WA	42	42	60	57
6 Sts	4	7	15	10
These 6 States planted 100% of last year's spring wheat acreage.				

Spring Wheat Percent Emerged				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
ID	1	5	10	6
MN	0	0	2	0
MT	0	NA	0	0
ND	0	NA	0	0
SD	0	NA	6	5
WA	8	9	18	22
6 Sts	1	NA	2	3
These 6 States planted 100% of last year's spring wheat acreage.				

Barley Percent Planted				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
ID	25	36	53	41
MN	0	3	12	3
MT	5	4	21	14
ND	0	1	3	2
WA	24	28	52	48
5 Sts	9	11	24	19
These 5 States planted 84% of last year's barley acreage.				

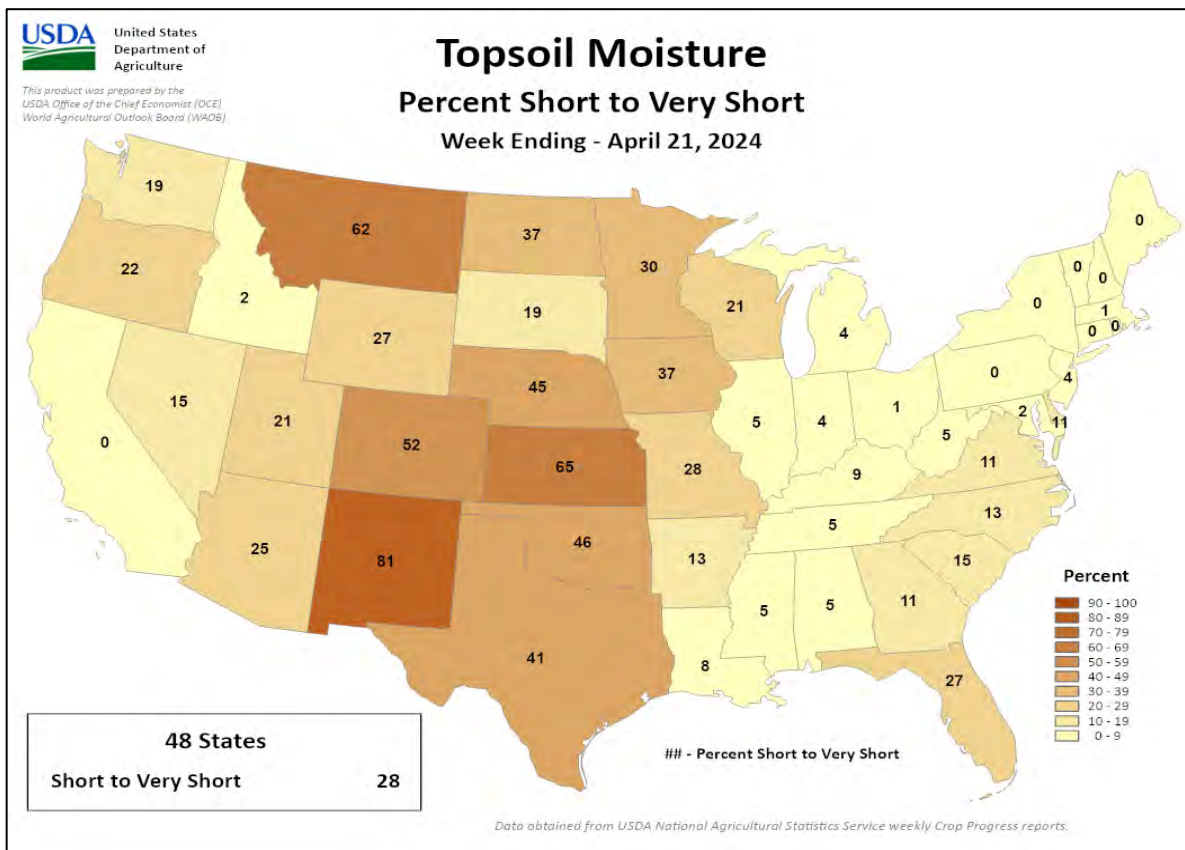
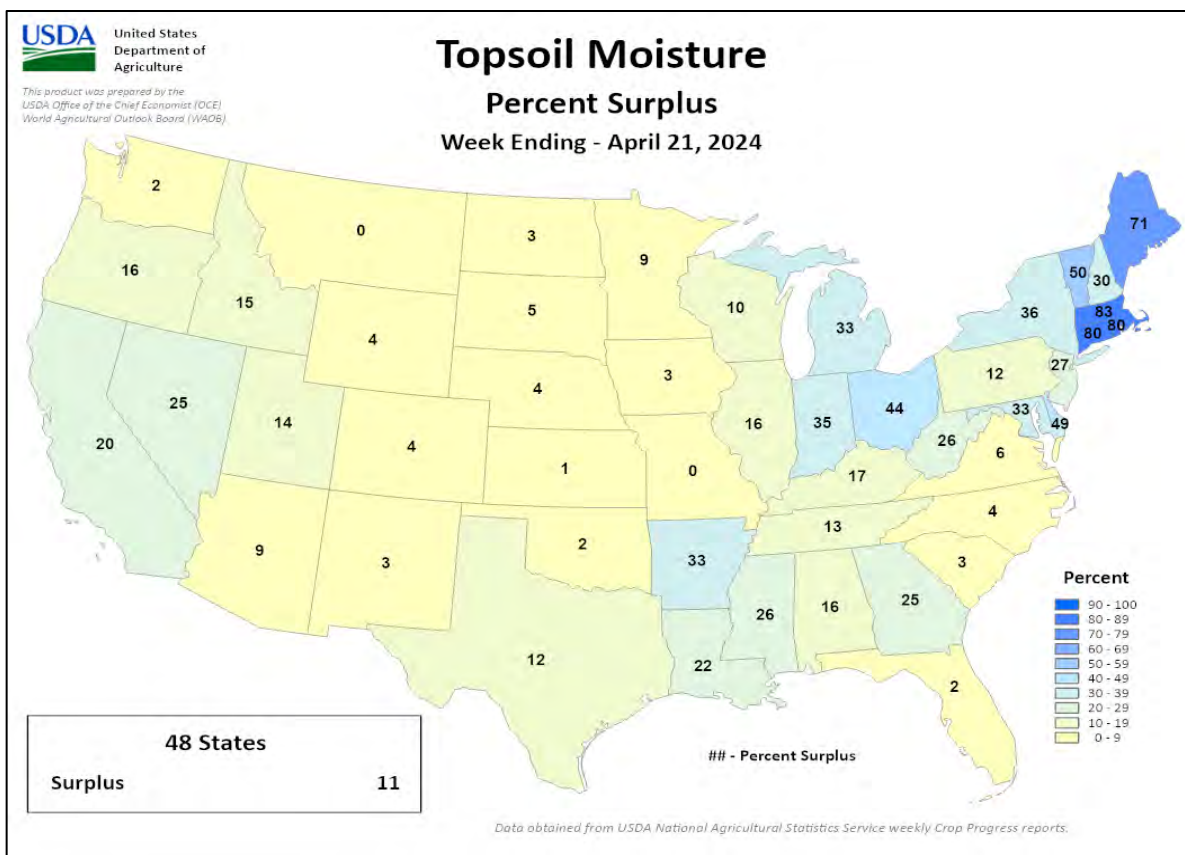
Barley Percent Emerged				
	Prev Year	Prev Week	Apr 21 2024	5-Yr Avg
ID	1	4	8	9
MN	0	0	1	0
MT	0	0	0	0
ND	0	NA	0	0
WA	3	1	4	16
5 Sts	1	NA	2	3
These 5 States planted 84% of last year's barley acreage.				



# Crop Progress and Condition

Week Ending April 21, 2024

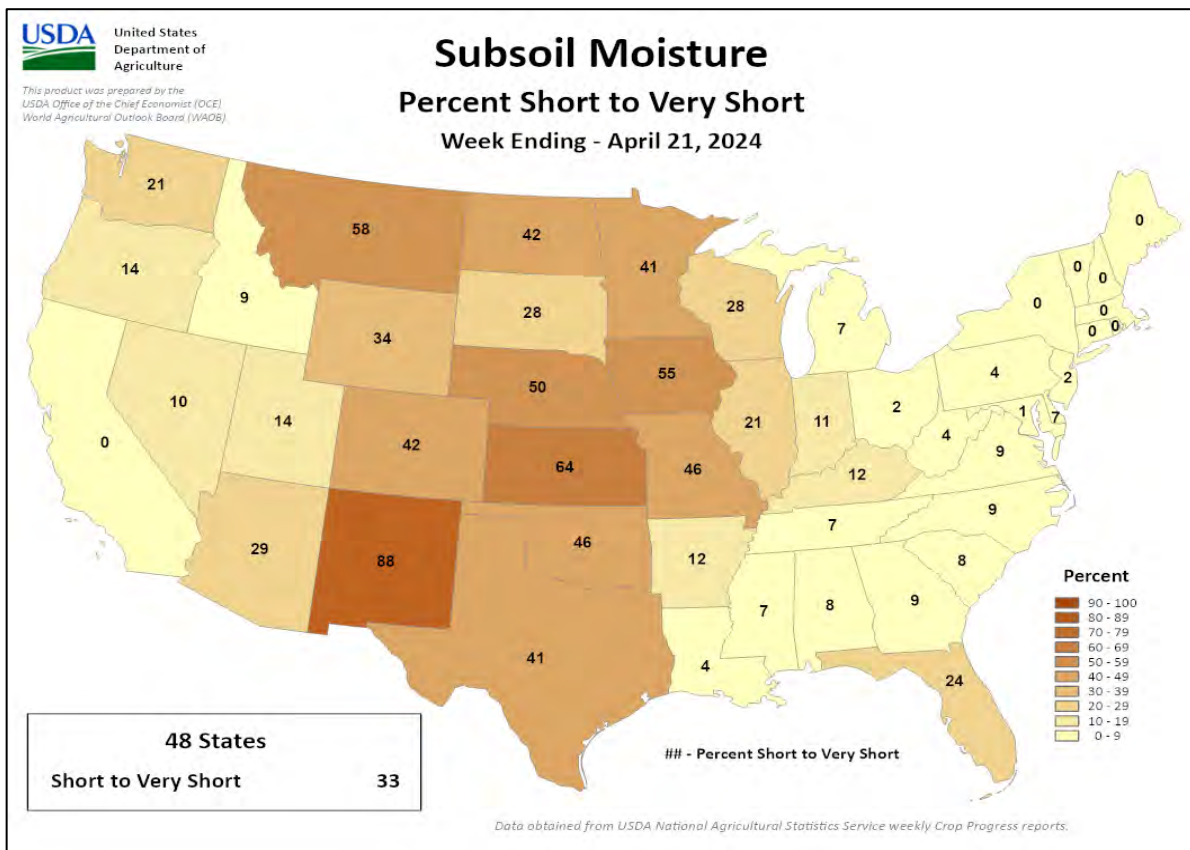
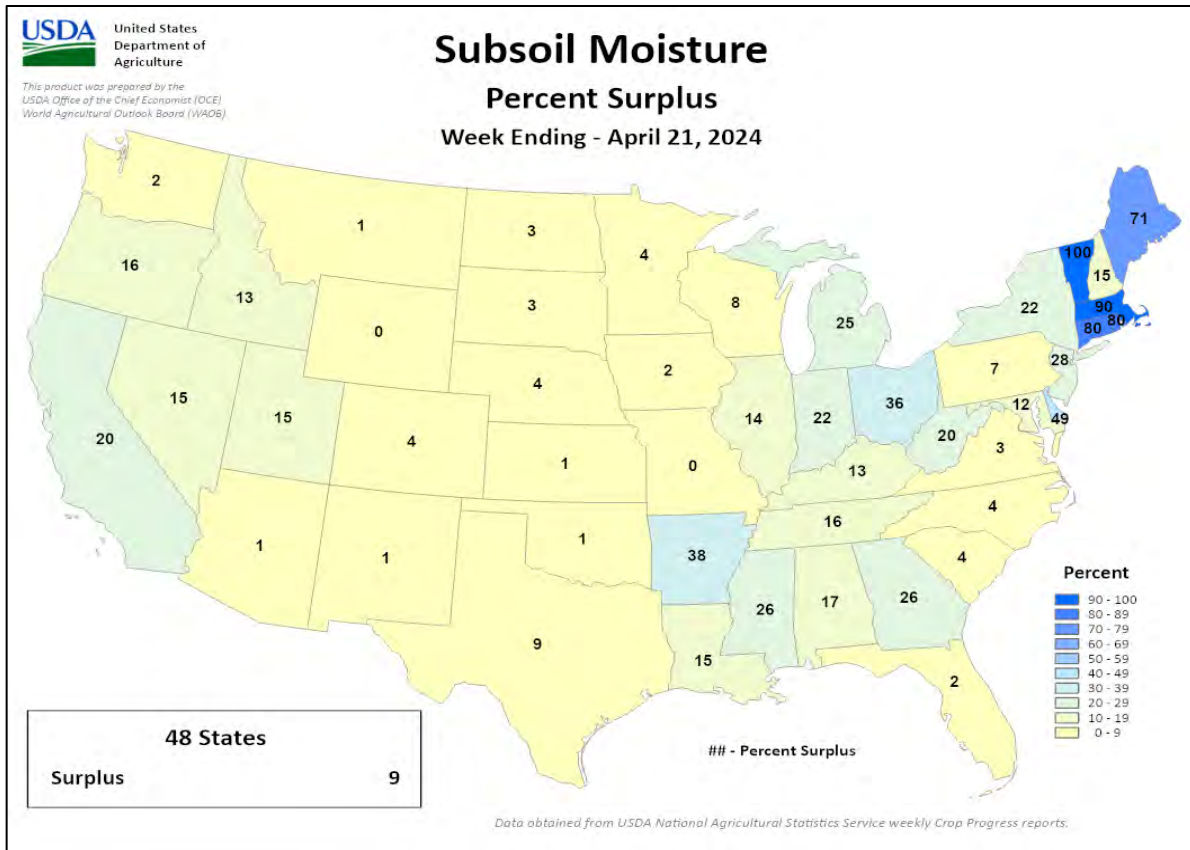
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending April 21, 2024

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

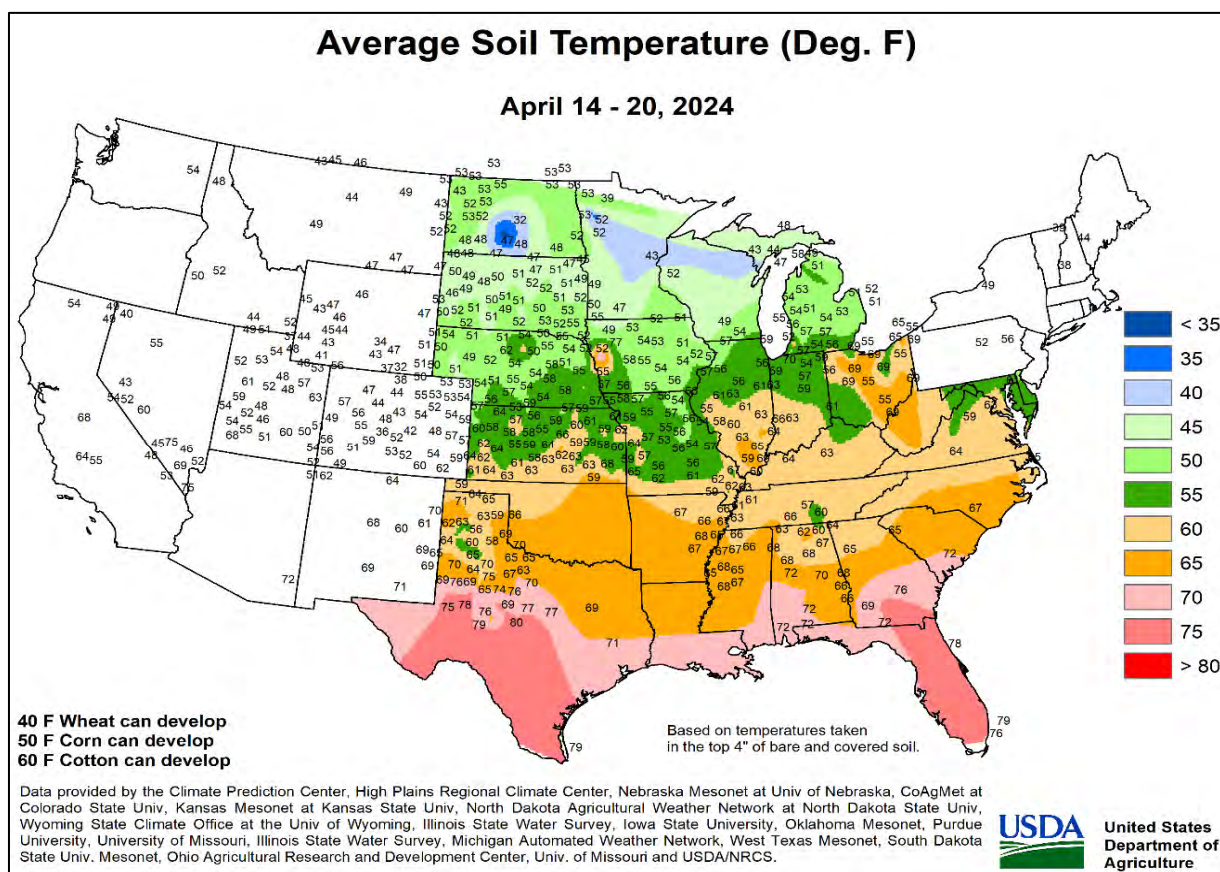
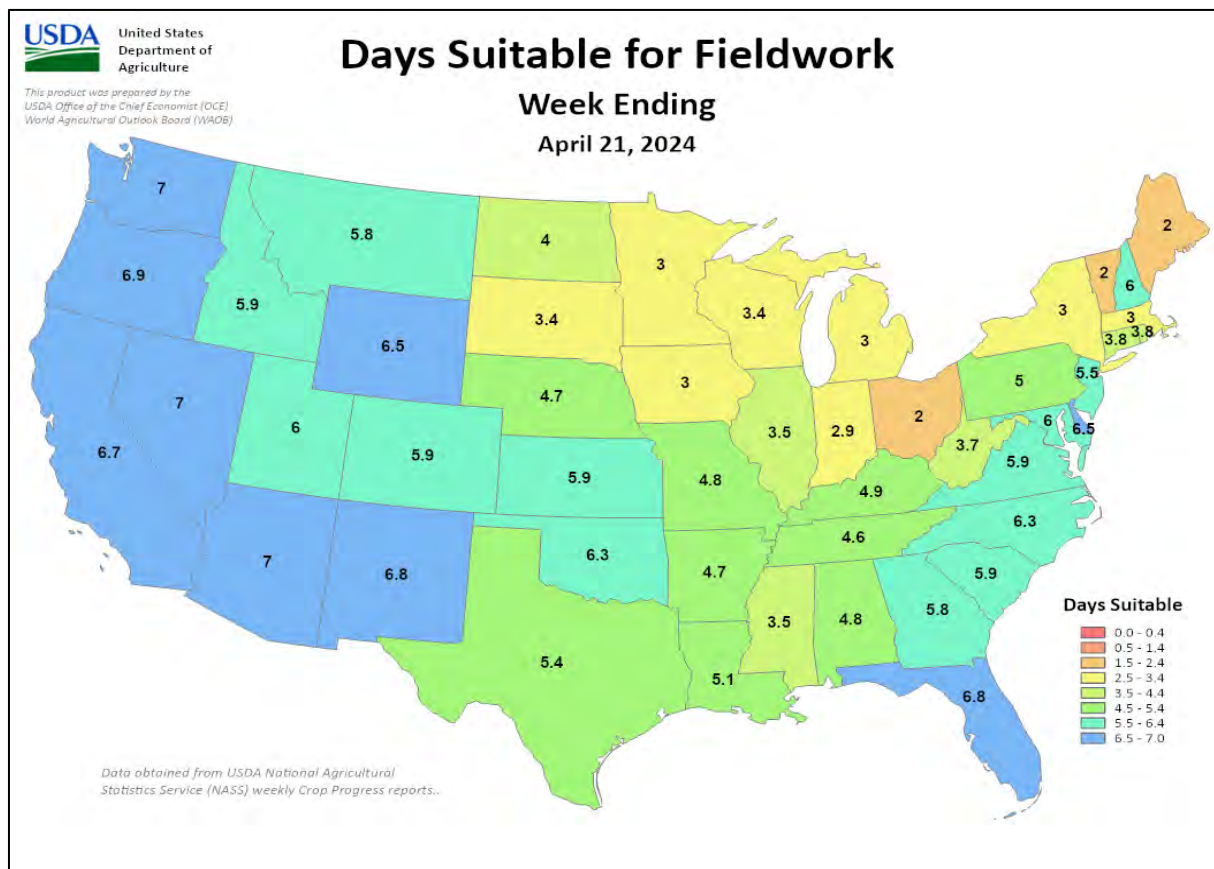




# Crop Progress and Condition

Week Ending April 21, 2024

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



## International Weather and Crop Summary

April 14-20, 2024

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

### HIGHLIGHTS

**EUROPE:** Early-week heat in the south gave way to an expanding and intensifying cold snap over central and northern Europe.

**WESTERN FSU:** Cool and rainy weather in the west contrasted sharply with heat and dryness farther east.

**MIDDLE EAST:** Sunny and hot weather followed last week's heavy rain across central and eastern portions of the Middle East, while historic rainfall was reported in the southeast.

**NORTHWESTERN AFRICA:** Sunny and hot weather in western crop areas further lowered yield prospects and hastened wheat and barley maturation.

**EAST ASIA:** Continued rainfall in southern China benefited vegetative early-crop rice and reproductive rapeseed.

**SOUTHEAST ASIA:** Showers in southern portions of the region contrasted with heat to the north.

**AUSTRALIA:** Initial winter crop sowing continued, but rain is needed in the south and west to aid germination.

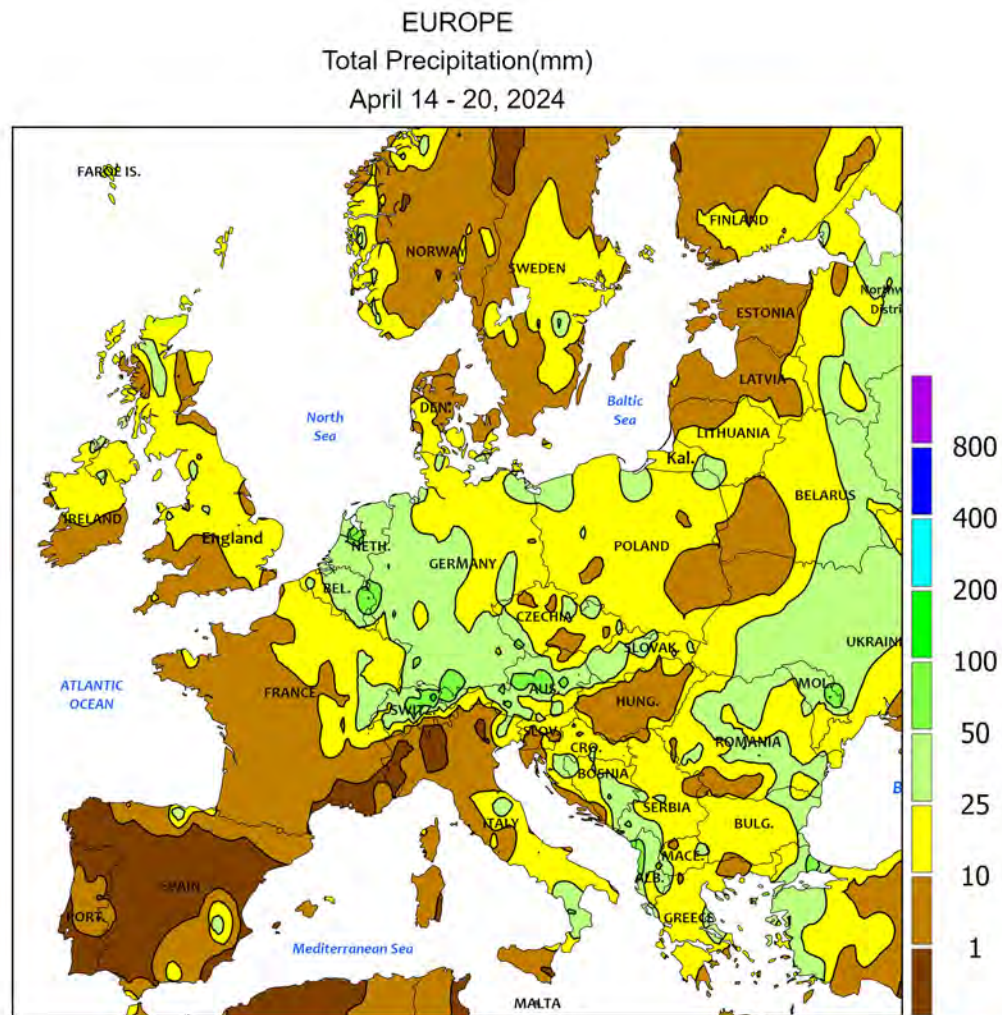
**SOUTH AFRICA:** Lingering showers improved local moisture reserves.

**ARGENTINA:** Heavy rain slowed summer crop harvesting, while increasing long-term moisture reserves for winter grains.

**BRAZIL:** Showers benefited immature corn and cotton in the main second-season production areas.

**MEXICO:** Warm, dry weather prevailed across the country.





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



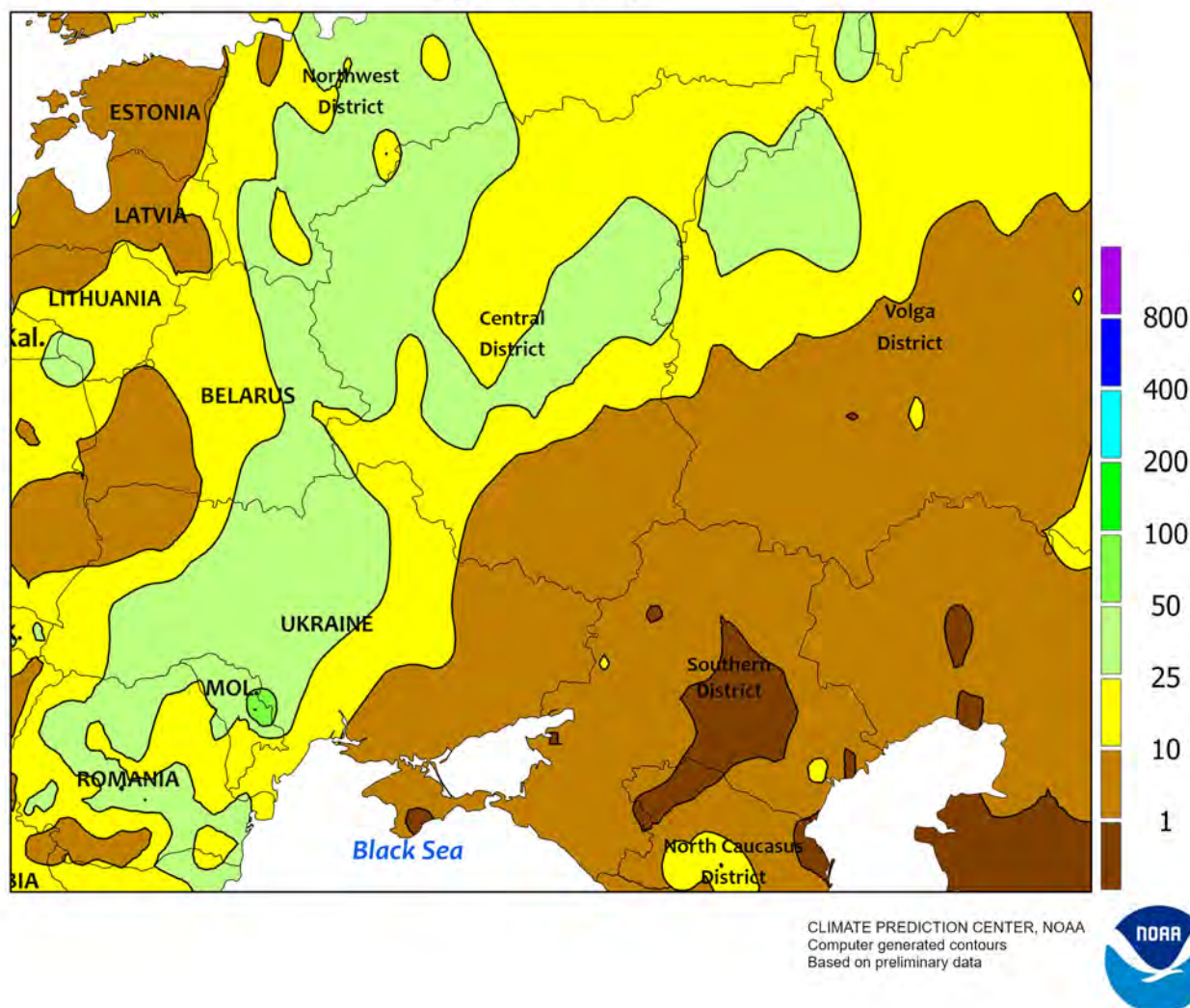
## EUROPE

Early-week heat in the south gave way to an expanding and intensifying late-season cold snap across central and northern Europe. Abnormal warmth early in the period over southern Europe sustained a rapid winter crop development pace, with temperatures averaging 3 to 7°C above normal on the Iberian Peninsula and from Greece into the southern Balkans. Heat was most pronounced (32-34°C) in southern Romania before a strong cold front pushed through. The cold front produced a wide swath of 10 to 50 mm of rain from England and eastern France into eastern Europe, maintaining water-logged soils in Germany but easing short-term dryness and drought in

southeastern Europe. Behind the cold front, sharply colder air overspread the continent save for southern-most growing areas. Minimum temperatures dropped as low as -2°C across northeastern Germany, Poland, and the Baltic States, and reached -4°C in croplands of southern Sweden. While the initial surge of cold air did not pose an immediate risk of widespread damage to winter crops, temperatures after the monitoring period dropped further and likely caused some freeze damage to flowering rapeseed in the northeast and heading winter wheat in the west. *More information regarding the ongoing late-season freeze will be provided in next week's Bulletin.*



WESTERN FSU  
Total Precipitation(mm)  
April 14 - 20, 2024

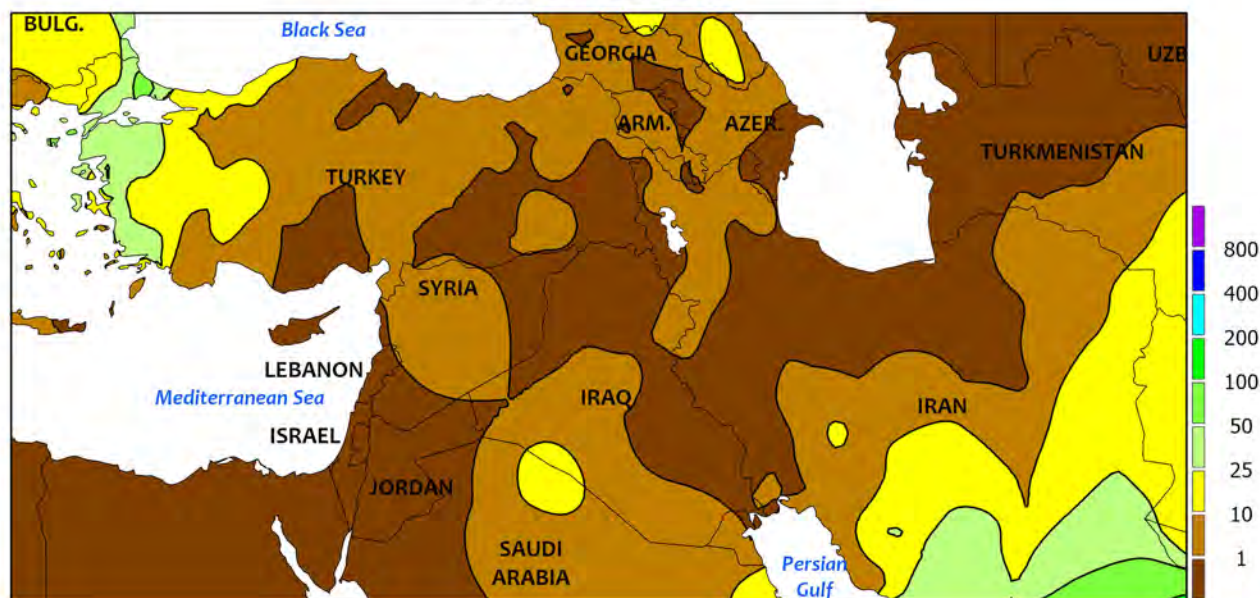


WESTERN FSU

Continued hot and dry weather across Russia and eastern Ukraine juxtaposed with rainy and cooler conditions in western growing areas. Temperatures averaged 4 to 8°C above normal from southeastern Ukraine into Russia, accelerating winter crop growth but heightening soil moisture losses. In particular, daytimes highs into the lower 30s (degrees C) in southern Russia hastened winter wheat through the jointing stage of development up to two weeks ahead of average. Many of these same primary winter crop areas have received little to no rainfall since early February, increasing concerns over developing drought. However,

spring grain and summer crop sowing proceeded without delay in areas where producers opted to plant in the very dry soils. Meanwhile, widespread moderate to heavy rain (10-40 mm) across Moldova, central and western Ukraine, southeastern Belarus, and northwestern Russia improved moisture reserves for emerging spring grains in the north and late-vegetative winter crops in the south. The cloudy, showery weather in the west was accompanied by near-normal temperatures, though abnormal warmth (up to 5°C above normal) was noted in growing areas immediately adjacent to the Black Sea.

MIDDLE EAST  
Total Precipitation(mm)  
April 14 - 20, 2024



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



MIDDLE EAST

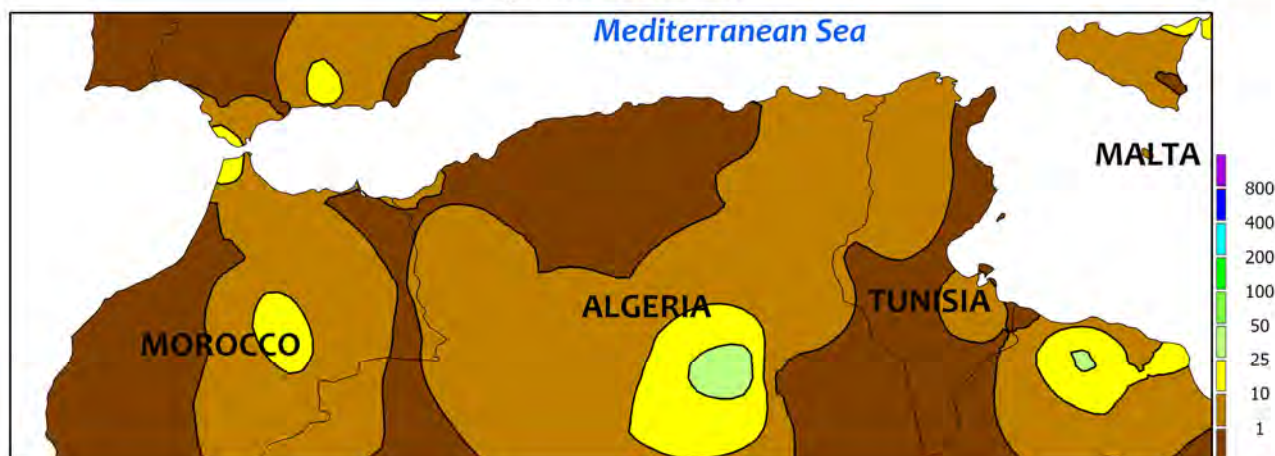
Sunny and hot weather returned to central growing areas, while historic rain was reported in southeastern-most portions of the Middle East. After the preceding week's soaking rain, sunny skies and above-normal temperatures (up to 5°C above normal) from southeastern Turkey and the eastern Mediterranean Coast into northern Syria, Iraq, and western Iran facilitated winter grain development. Meanwhile, a slow-moving storm system triggered heavy to historic rain (50-200

mm, locally more) from the United Arab Emirates into southeastern Iran, falling outside of major crop areas but causing widespread flooding and damage to infrastructure. Farther north and west, showers and thunderstorms (15-70 mm) in western Turkey moistened soils for winter wheat (Thrace) and cotton (Aegean Region). Conversely, short-term dryness remained a concern for late-vegetative to reproductive wheat and barley on the Anatolian Plateau.

## NORTHWESTERN AFRICA

Total Precipitation(mm)

April 14 - 20, 2024



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



## NORTHWESTERN AFRICA

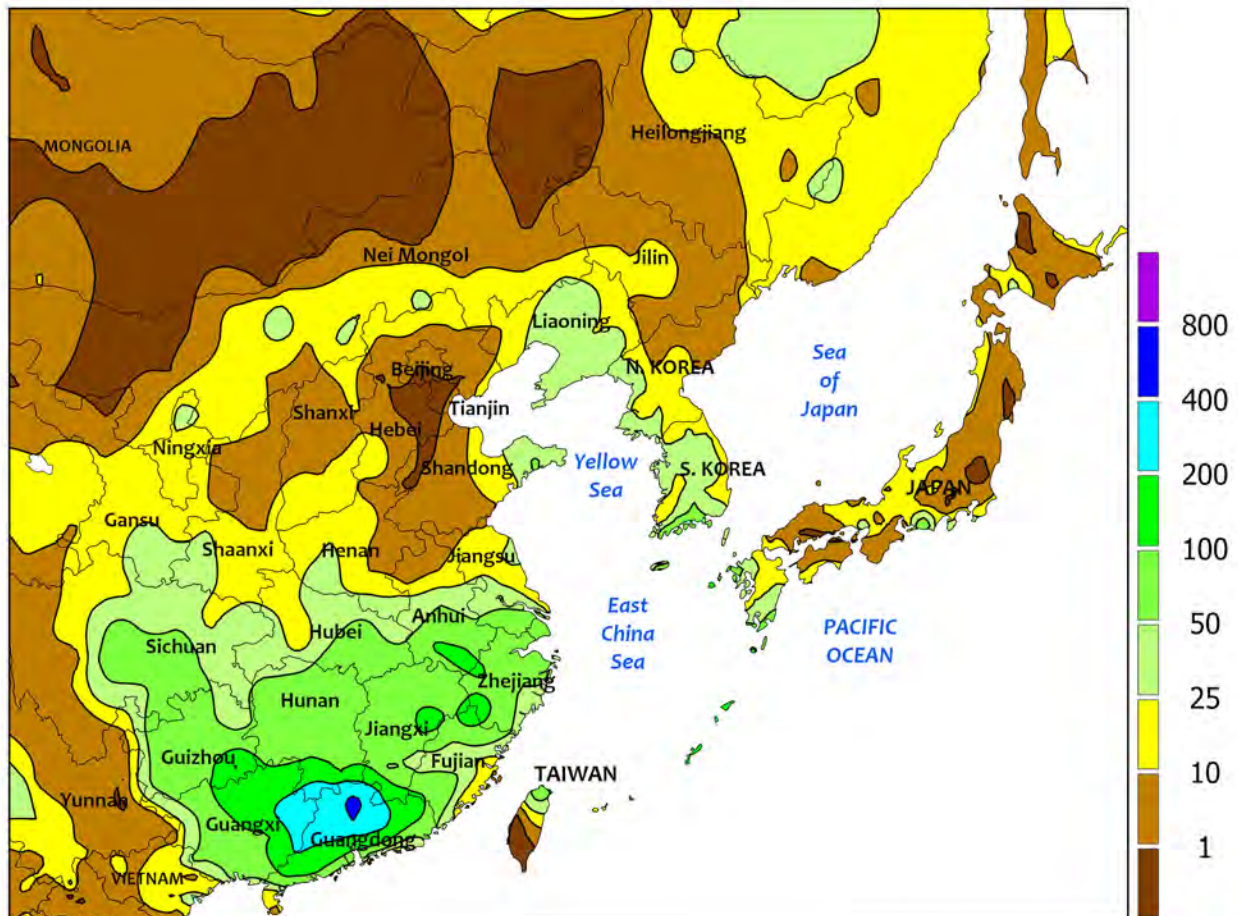
Dry weather expanded eastward across the region, with additional heat in the west giving way to seasonal temperatures farther east. Dry and hot weather continued for a third consecutive week in Morocco and western Algeria, with daytime highs in the lower and middle 30s (degrees C) hastening wheat and barley toward maturity and further lowering yield prospects for later-developing winter grains. Mostly sunny skies expanded eastward across Algeria and Tunisia, with very light rain (5 mm or less) reported in parts of northeastern Algeria and northern Tunisia. Temperatures in these eastern growing areas averaged near normal, though

winter wheat and barley yield prospects have slipped on recent dryness as crops advanced toward maturity. The 2023-24 winter grain growing campaign was coming to an end with some crops approaching maturity up to a month ahead of normal. While conditions are overall better than last year, this was the fifth consecutive water year (beginning September 1) of sub-par rainfall in Morocco, western Algeria, and Tunisia.

*This will be the last weekly summary for Northwest Africa. Coverage will resume in November, 2024 to coincide with winter grain planting.*



EASTERN ASIA  
Total Precipitation(mm)  
April 14 - 20, 2024



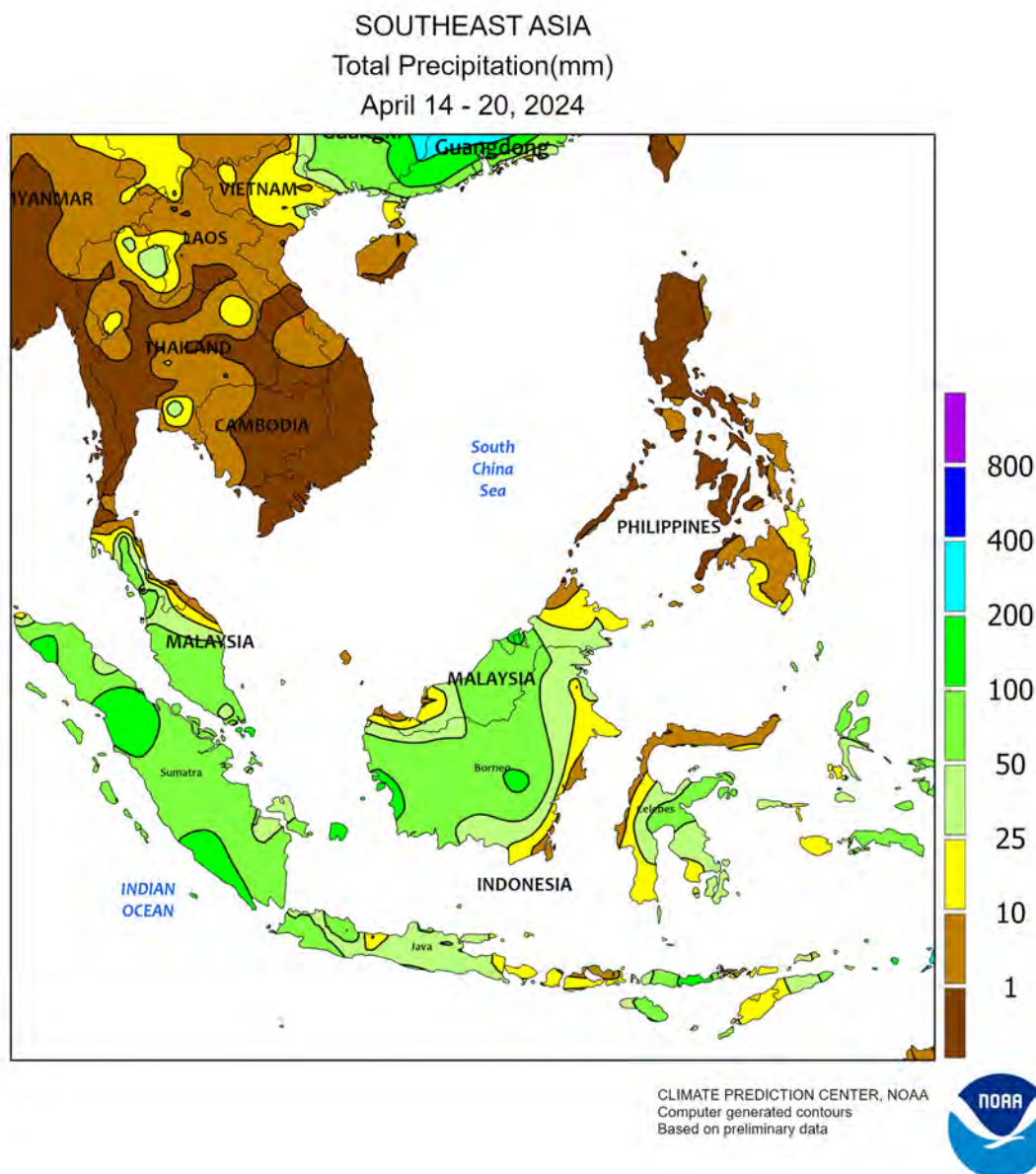
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



#### EASTERN ASIA

Waves of showers continued to move through southern China, with totals surpassing 400 mm locally. The bulk of the moisture was beneficial for vegetative early-crop rice in southern-most provinces as well as flowering rapeseed in the Yangtze Valley. However, flooding was likely where rainfall amounts were the highest (Guangdong). Rain (topping 25 mm) also filtered into northern wheat areas, aiding heading wheat, although central sections of the North China Plain

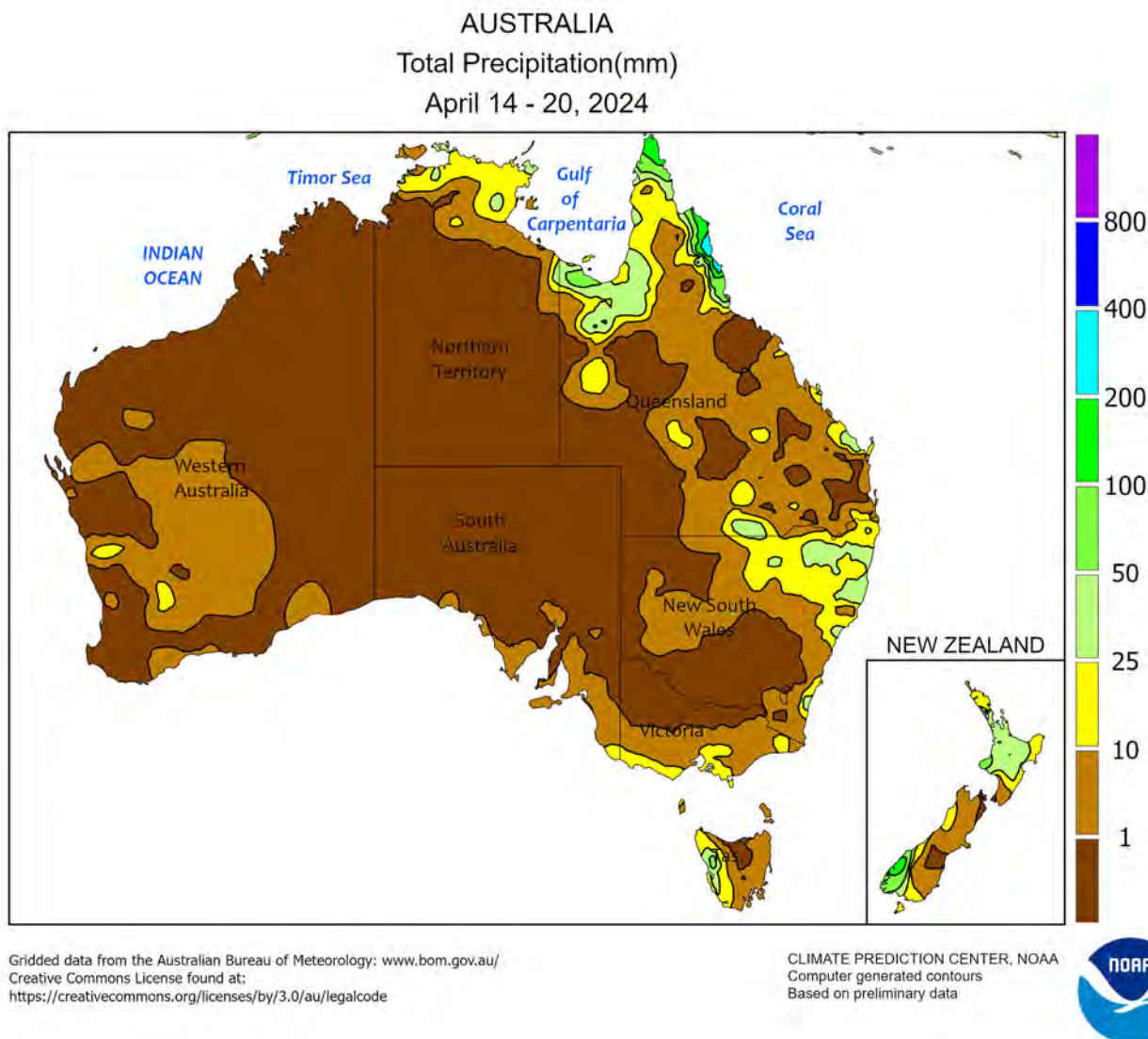
received less than 5 mm. Meanwhile, weekly average temperatures above 10°C in northeastern China supported early corn and soybean sowing in addition to rice sowing on the Korean peninsula and in Japan; temperatures were up to 7°C above average and more typical of mid-May. Furthermore, above-average temperatures (up to 4°C above average) in western China allowed cotton planting to begin slightly ahead of usual.



#### SOUTHEAST ASIA

Rainfall remained firmly entrenched in southern sections of the region (Indonesia and Malaysia), maintaining ample moisture supplies for seasonal rice while improving soil moisture for oil palm. Moisture conditions have only recently improved for oil palm following poor rainfall in February and March. Meanwhile, showers were unseasonably light (less than 25 mm) in the southern Philippines and completely absent in other parts of the

country. Most rice and corn producers are likely beginning preparations for the main growing season coinciding with the onset of the southwest monsoon (beginning in May). Elsewhere, temperatures continued to top 40°C across Thailand and some of the neighboring areas. While heat is common this time of year, temperatures have topped 40°C nearly the entire month thus far (the average daytime temperature for April is 36°C).



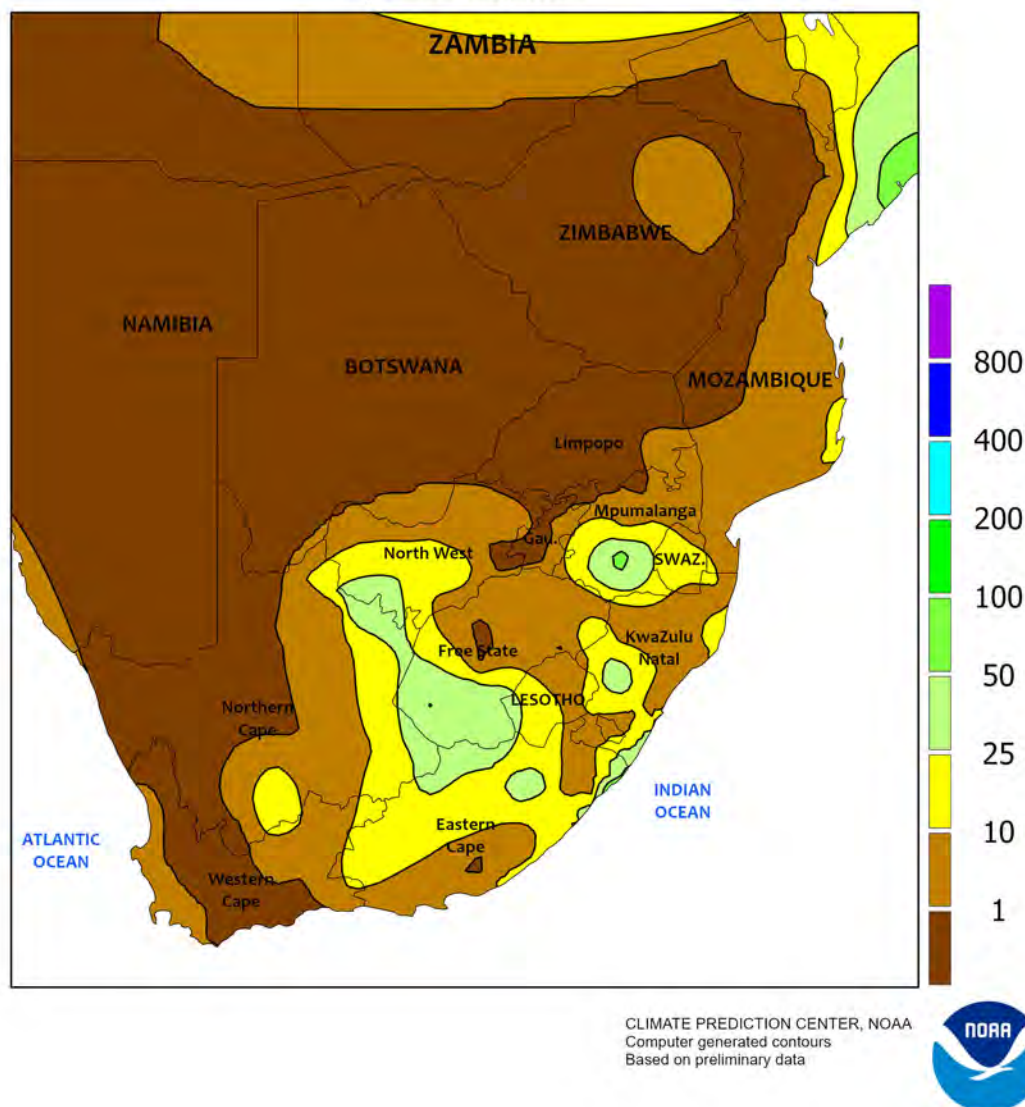
### AUSTRALIA

A concentrated area of showers (10-30 mm) in northern New South Wales slowed local cotton and sorghum harvesting, while sunny skies elsewhere in eastern Australia favored fieldwork, including initial wheat, canola, and other winter crop planting. Root zone soil moisture remained near to above average in southern Queensland, New South Wales, and most of Victoria, providing a promising start to the winter crop growing season as crops begin to germinate. Farther west,

isolated, light showers (less than 5 mm) brought little additional moisture to major crop producing areas in South Australia and Western Australia, where soil moisture was below normal. Farmers were reportedly dry sowing crops in these areas, but rain is needed to help encourage uniform germination and emergence. Temperatures averaged 2 to 3°C above normal in Western Australia, 2 to 4°C below normal in the southeast, and near normal in the northeast.



SOUTH AFRICA  
Total Precipitation(mm)  
April 14 - 20, 2024

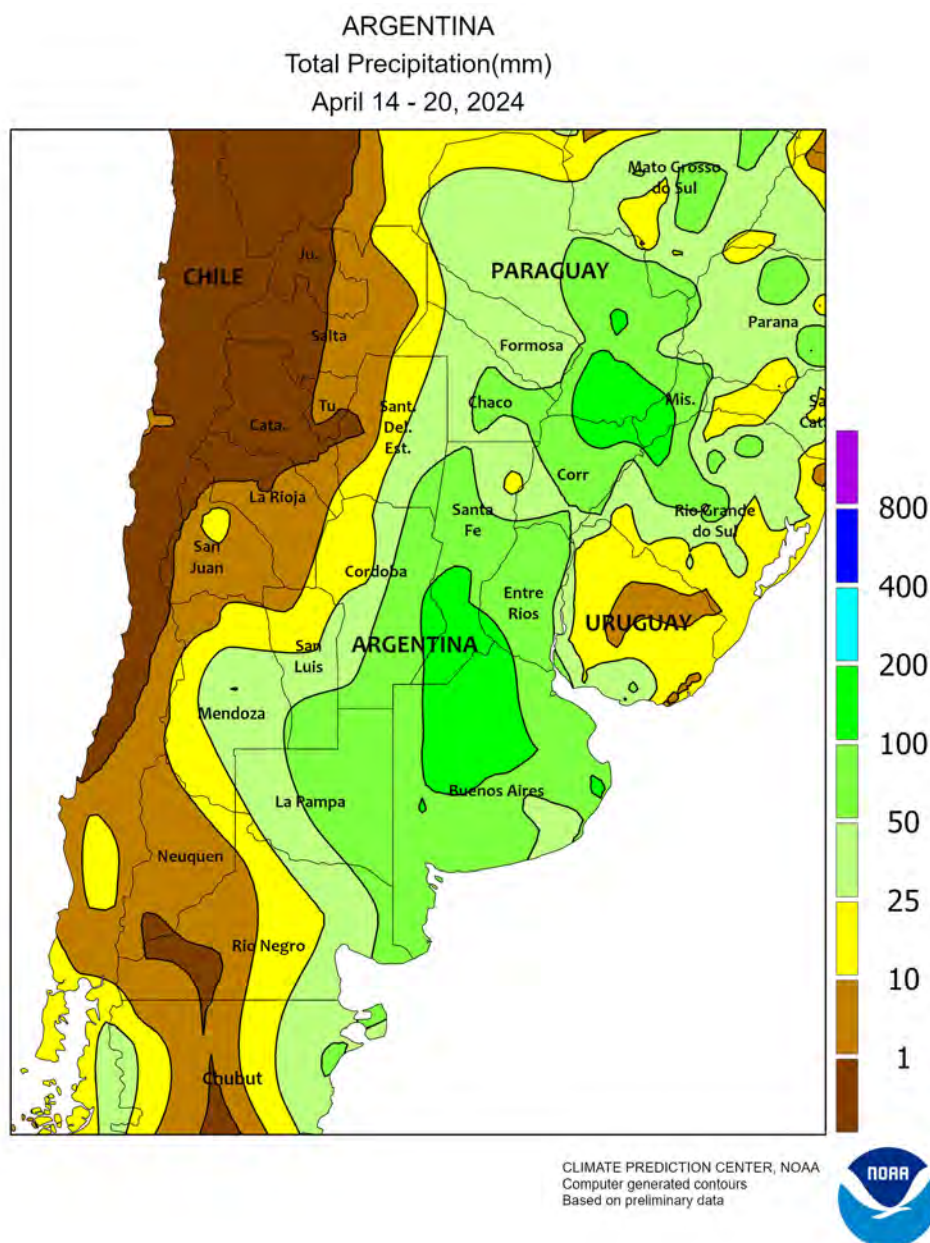


### SOUTH AFRICA

Scattered showers lingered across the region, further improving long-term moisture reserves but coming too late to significantly improve yield prospects of summer crops already impacted by the summer drought. Patches of heavy rain (25-50 mm) at the western, southern, and eastern edges of the corn belt contrasted with seasonably drier conditions (amounts totaling below 10 mm locally) from Limpopo southward into Free State. Mild weather accompanied the showers, with

daytime highs reaching the upper 20s and lower 30s (degrees C) and nighttime lows dropping below 10°C. Near-complete dryness prevailed farther west, promoting maturation and harvesting of irrigated crops, including corn and cotton in the Orange River Valley.

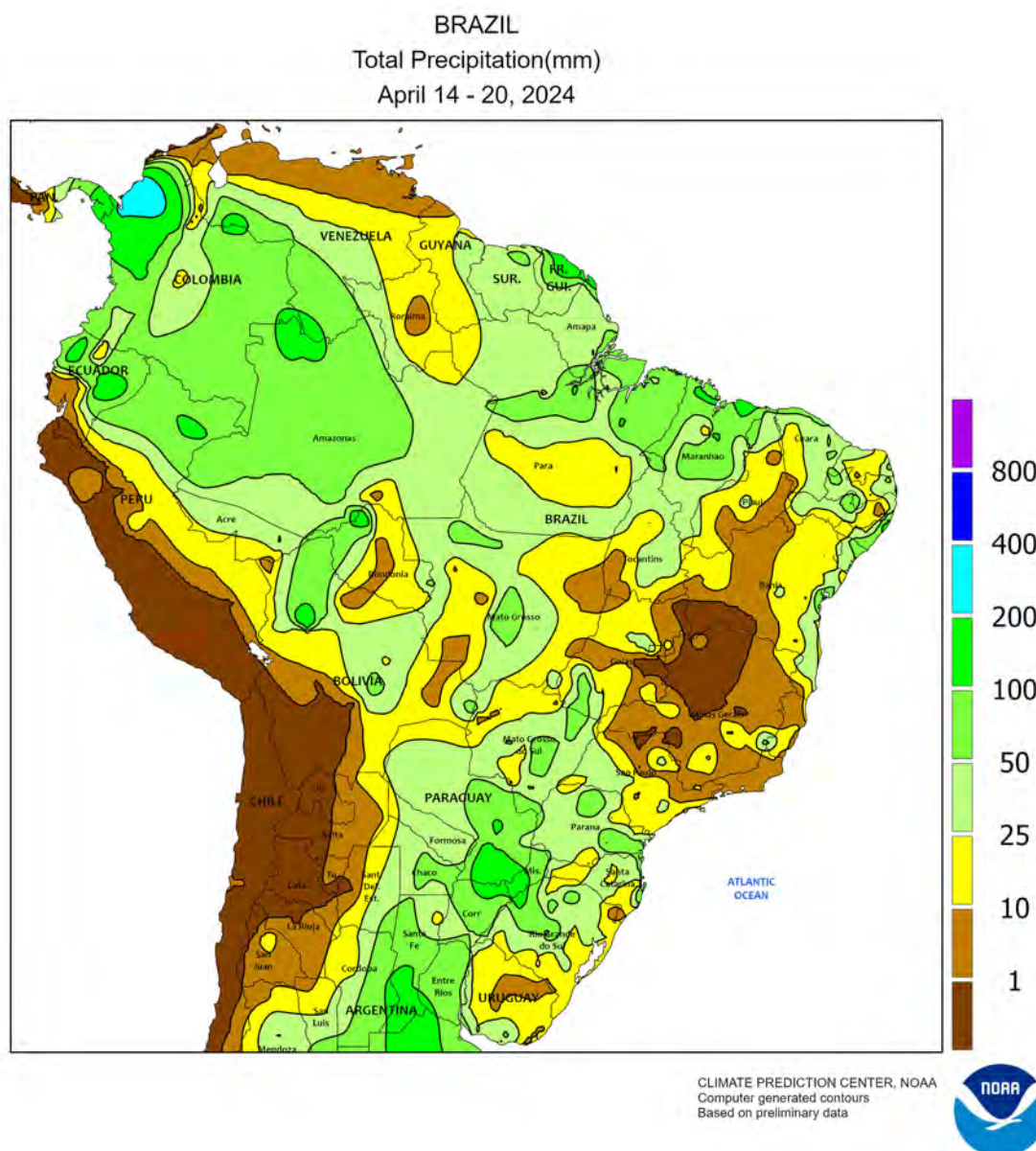
*This is the final weekly summary of the season; coverage will resume when planting of 2024/25 summer crops begins.*



### ARGENTINA

Soaking rain slowed summer crop harvesting in central Argentina, although the moisture will ultimately benefit winter grains. Rainfall totaling 50 to more than 100 mm extended from Buenos Aires and La Pampa northward to southeastern Paraguay, with lesser amounts (below 25 mm) recorded in and around southern Corrientes. Drier conditions also prevailed in the far northwest (in and around Salta). Seasonably mild

weather accompanied the showers, with highest daytime temperatures ranging from the lower and middle 20s (degrees C) in La Pampa and Buenos Aires to the lower 30s farther north. Although nighttime lows dropped below 5°C locally, no freezes were reported. According to the government of Argentina, corn and soybeans were 20 and 14 percent harvested, respectively, and cotton was 9 percent harvested.

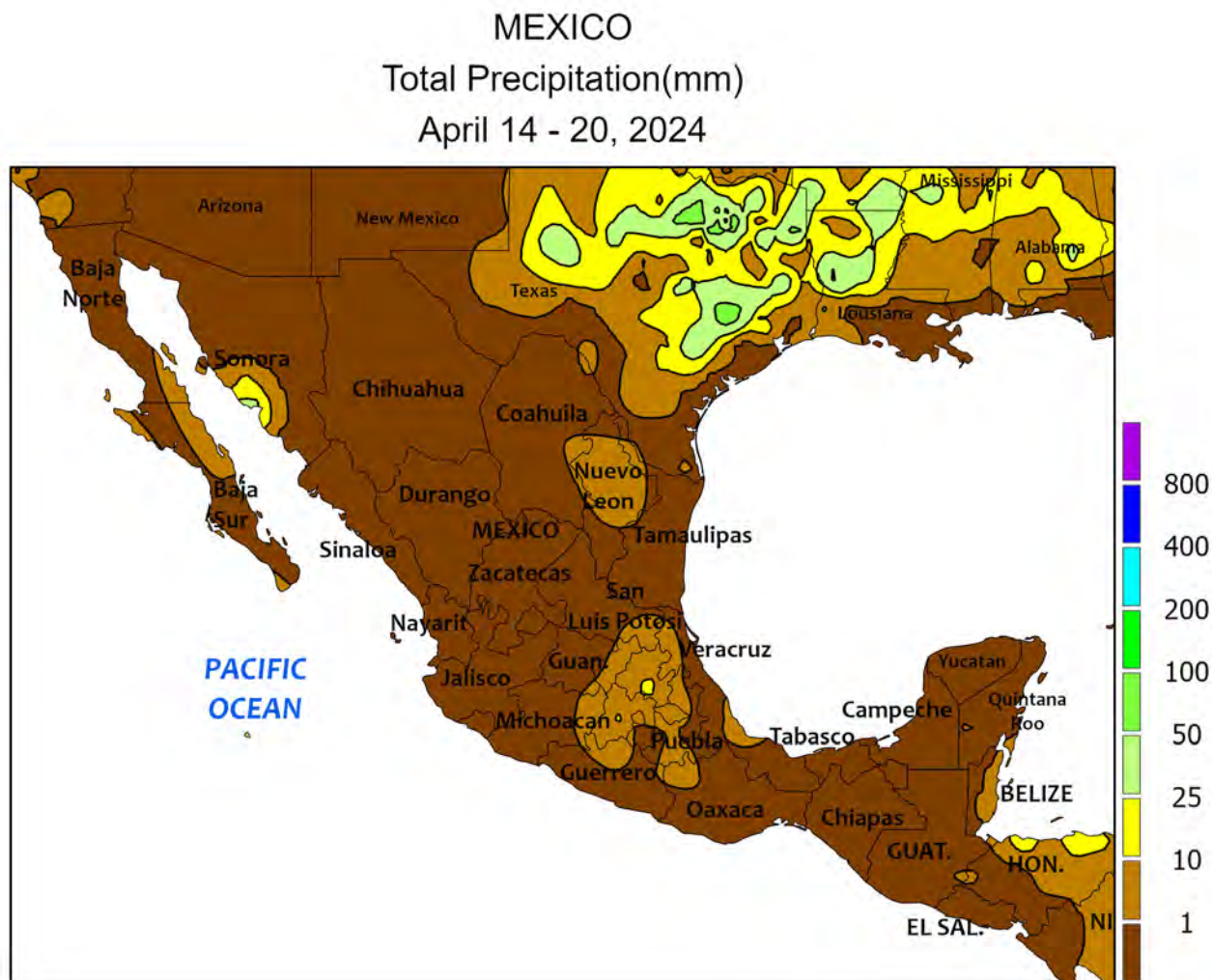


### BRAZIL

Locally heavy showers maintained overall favorable conditions for immature summer crops in major production areas of southern, central, and northeastern Brazil. In southern farming areas, rainfall totaled 25 to 100 mm from Rio Grande do Sul northward through Mato Grosso do Sul, with drier conditions continuing in eastern São Paulo and southern Minas Gerais. Mild weather accompanied the rain, with highest daytime temperatures mostly in the upper 20s and lower 30s (degrees C). According to government reports, 70 percent of the second corn crop was in flowering to filling stages of development in Paraná as of April 15, while harvesting of both first-crop corn (96 percent) and soybeans (98 percent) was nearing completion. In Rio

Grande do Sul, 49 percent of soybeans were harvested as of April 18, while corn was 78 percent harvested. Farther north, locally heavy rain (25-50 mm) fell over sections of Mato Grosso, Goiás, and the northeastern interior, while pockets of dryness dominated a large area spanning northern Minas Gerais, southwestern Bahia, and eastern Goiás. Meanwhile, seasonal rainfall (10-100 mm) intensified along the northeastern coast, increasing moisture for sugarcane, cocoa, and other crops. Temperatures reached the lower 30s throughout the region, hitting 35°C in the traditionally warmer sections of Mato Grosso and Tocantins. Seasonal dryness typically develops over Brazil's northeastern interior by late April or early May.





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

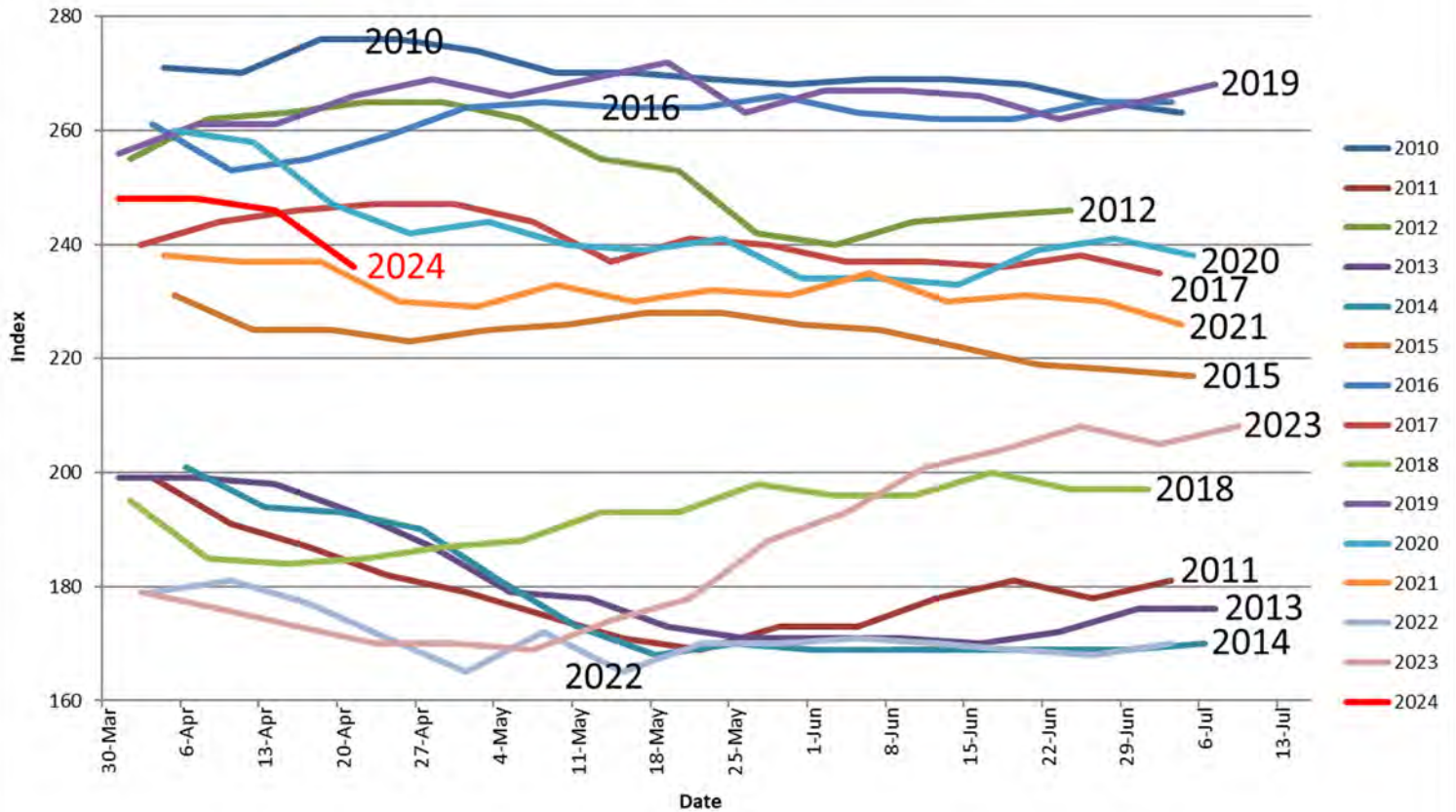


#### MEXICO

Mostly dry, unseasonably warm weather prevailed throughout the region, providing limited opportunities for planting corn and other rain-fed summer crops. Most locations were completely dry, with only isolated locations reporting more than 10 mm, including a section of the southern plateau corn belt to the west of Puebla. Weekly average temperatures were 3°C or more above normal in

central portions of the country, with daytime highs reaching above 35°C in most parts of the country. According to the Mexico Drought Monitor, large sections of central and northwestern Mexico entered the spring in Extreme (D3) to Exceptional (D4) Drought, requiring a timely start to the rainy season for planting summer crops and to begin replenishing reservoirs.

## U.S. WINTER WHEAT Condition Index



Based on NASS crop progress data.

**Condition Index = 4\*Excellent + 3\*Good + 2\*Fair + 1\*Poor**

Over the last 15 years, condition indices for U.S. winter wheat have fallen into two distinct groups, with lower spring values observed in 2011, 2013, 2014, 2018, 2022, and 2023. However, 2023 ended on a "high note," with improving wheat condition indices in May and June. In 2024, recent and ongoing dryness has led to April declines in crop condition.

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