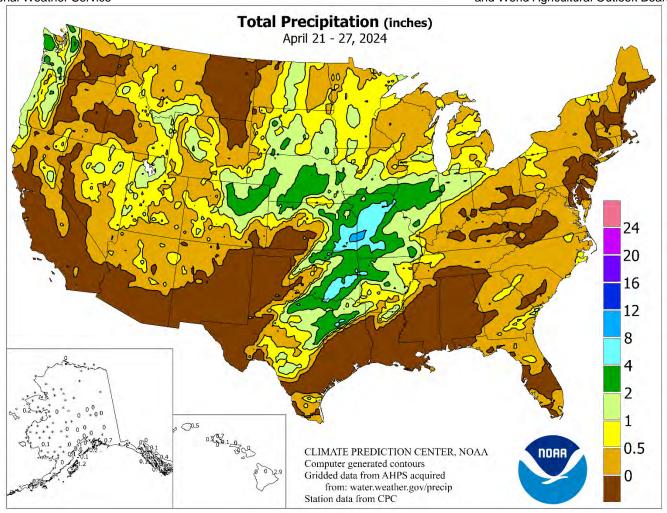
WEEKE MATHER AND CROP BULLETIN

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



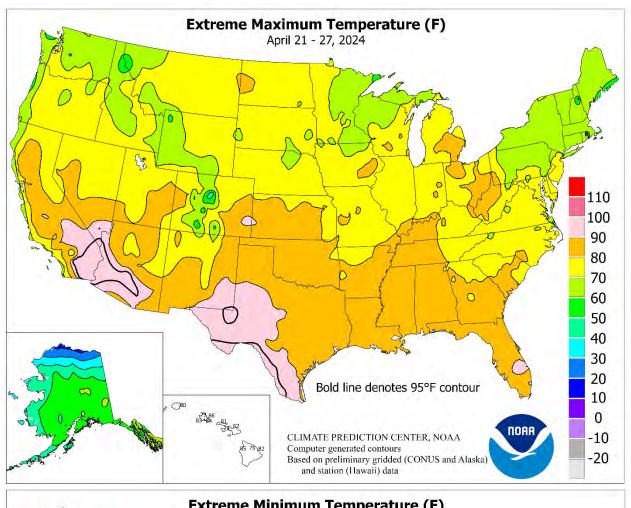
HIGHLIGHTS April 21 – 27, 2024

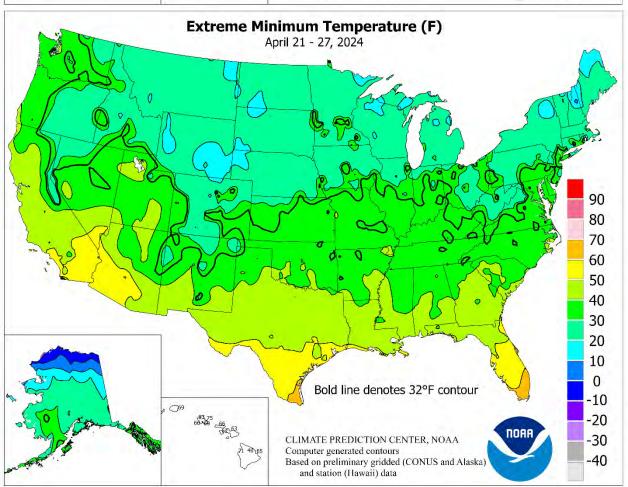
Highlights provided by USDA/WAOB

ollowing several days of mostly tranquil weather, back-to-back storm systems emerged from the **western U.S.** Prior to the storms' arrival, warm weather in the **West** had contrasted with chilly conditions farther east, especially in the **Midwest** and **Northeast**. In fact, weekly temperatures averaged at least 5°F below normal across large sections of the **middle and northern Atlantic States**, with cooler-than-normal conditions extending westward into the **Mississippi Valley**. Freezes were broadly reported as far south as the **Ohio Valley**, **central Appalachians**, and

(Continued on page 3)

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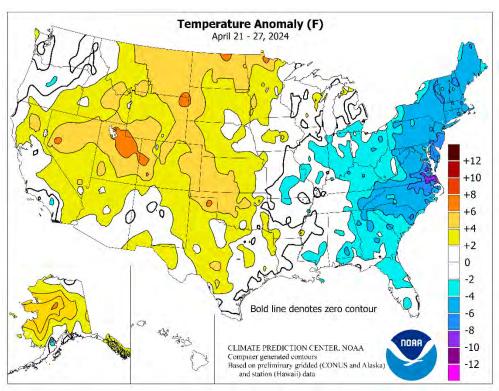


(Continued from front cover)

middle Atlantic States, with scattered frost and light freezes reaching into the Tennessee Valley. (Earlier in the week, freezes had occurred throughout the northwestern half of the Plains.) In freeze-affected areas where fruits were blooming or winter wheat was heading, producers monitored crops for signs of In contrast, temperatures injury. averaged more than 5°F above normal in numerous locations across Intermountain West, as well as the northern and central High Plains. As the weather pattern began to change, separate areas of rain developed across the Pacific Northwest and mid-South, starting on April 25. That day also marked the start of a protracted spell of severe weather, beginning with several tornadoes—mainly Colorado, in Kansas, and Oklahoma. Subsequently. the severe weather outbreak peaked on April 26-27, with well over 100 tornadoes spotted—based on preliminary

reports—across the **Plains** and **western Corn Belt**. Some of the thunderstorms also produced heavy rain and resulted in localized damage due to high winds and large hail. Elsewhere, periodic rain and snow showers dotted the **West**, while a long stretch of dry weather in much of the **South** and **East** favored fieldwork, including spring planting. However, dryness also persisted across the **southern half of the High Plains**, with cascading impacts on drought-stressed winter wheat.

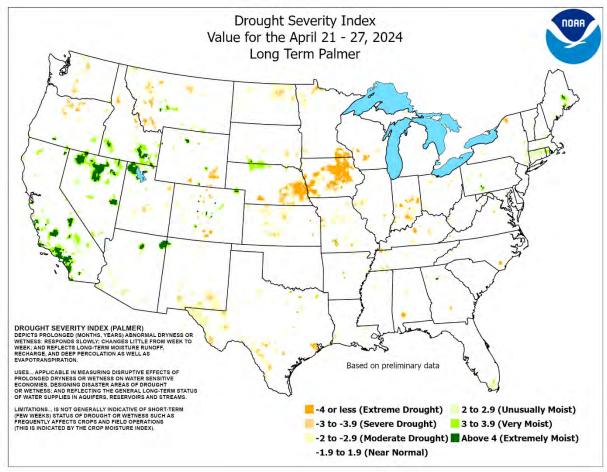
No measurable precipitation fell during the week in Dodge City, KS, leaving the March 1 – April 27 total at 0.27 inch (9 percent of normal). Additionally, Dodge City's winds gusted to 50 mph or higher this month on April 6, 15, 16, 18, 22, and 23. Elsewhere in Kansas, however, Concordia, KS, netted a daily-record rainfall total of 2.50 inches on April 25. Totals also topped 2 inches on the 25th, setting daily records, in Springfield, MO (2.54 inches), and **Russellville**, **AR** (2.44 inches). Farther west, rain on April 25 resulted in daily-record totals in locations such as Astoria, OR (1.29 inches), and Hoquiam, WA (1.11 inches). Farther inland, record-setting amounts for April 26 in Nevada included 0.72 inch in Winnemucca, 0.31 inch in Eureka, and 0.24 inch in Las Vegas. Across the Plains and Midwest, dailyrecord totals topped an inch on the 26th in Quincy, IL (1.66 inches); Vichy-Rolla, MO (1.60 inches); and Lincoln, NE (1.29 inches). Those totals occurred the same day that dozens of tornadoes prowled the Plains and western Corn Belt. While storm surveys and damage documentation are still ongoing, several of the April 26 and 27 tornadoes reached at least EF-3 intensity, featuring estimated winds greater than 135 mph. A twister that struck on April 27 in parts of Marietta, Love County, **OK**, was rated an EF-4, with estimated winds above 165 mph, becoming the nation's strongest twister since late-March 2023. Elsewhere, locally catastrophic damage was reported on April 26 in communities such as Elkhorn, NE, and Minden, IA, and on

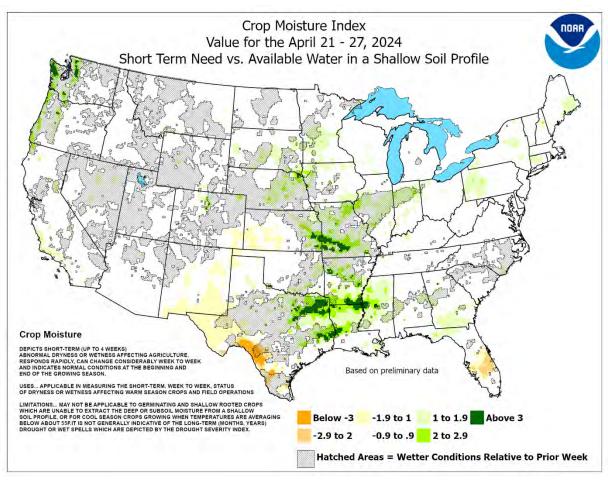


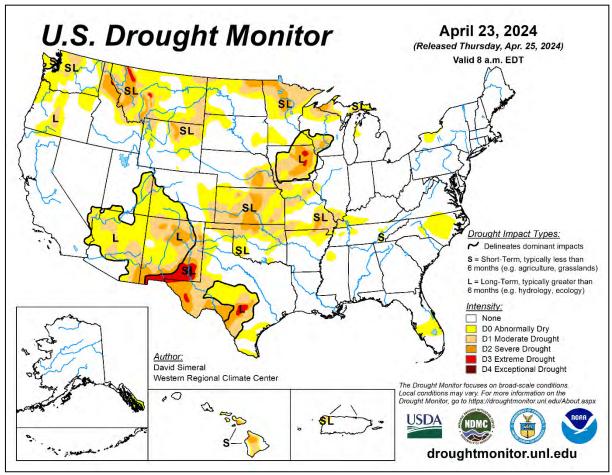
April 27 in multiple **Oklahoma** towns, including **Sulphur** (**Murray County**) and **Holdenville** (**Hughes County**). Early reports indicated five tornado-related fatalities—four in **Oklahoma** and one in **Minden**, **IA**.

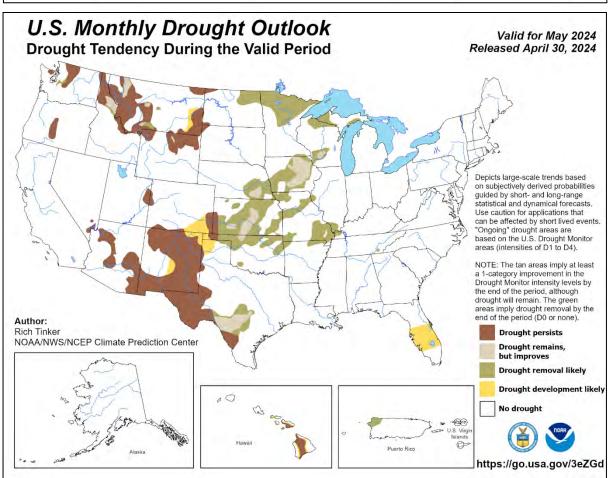
As the week began, chilly conditions covered the **Midwest**, where **Dubuque, IA**, notched a daily-record low (24°F) for April 21. Soon, cool air covered much of the remainder of the central and eastern U.S. By April 23, daily-record lows dipped to 40°F in McComb, MS, and 46°F in New Iberia, LA. Meanwhile, general warmth covered areas west of the Rockies, where Grand Junction, CO, collected a daily record-tying high of 85°F on April 22. During the second half of the week, a fresh surge of cool air covered the Great Lakes and Northeastern States. In Michigan, record-setting lows for April 25 included 20°F in Alpena and 26°F in Flint. In Maine, Augusta reported a freeze each calendar day from April 23-27, including a daily-record low of 26°F on the 25th. Elsewhere in **Maine**, record-setting minima for April 26 fell to 23°F in Bangor and 26°F in Portland. Montpelier, VT (22°F), also measured a daily-record low for April 26. Warmth returned, however, across the Deep South, where daily-record highs soared to 89°F (on April 26) in Baton Rouge, LA, and 98°F (on April 27) in Del Rio, TX.

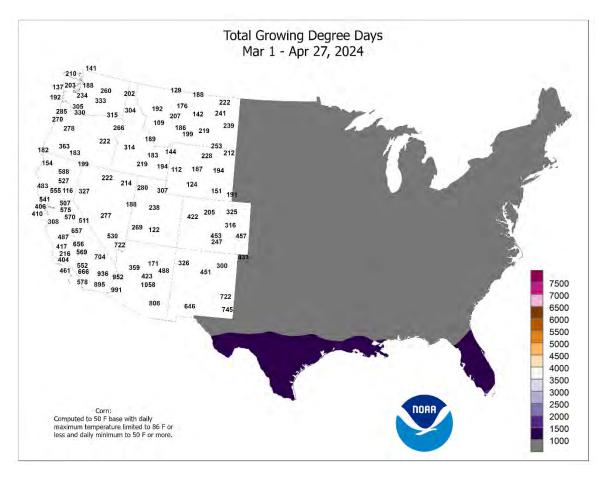
In **Alaska**, near- or above-normal temperatures accompanied mostly dry weather. In **Fairbanks**, where measurable precipitation last fell on April 12, maximum temperatures topped 60°F on April 19, 20, 24, and 25. **Anchorage** also last received measurable precipitation on April 12. Farther south, frequent showers in **Hawaii**—mainly in windward locations—continued to ease any remaining short-term drought. Through April 27, month-to-date rainfall totaled 13.20 inches (153 percent of normal) in **Hilo**, on the **Big Island**, and 13.13 inches (710 percent) in **Lihue**, **Kauai**.

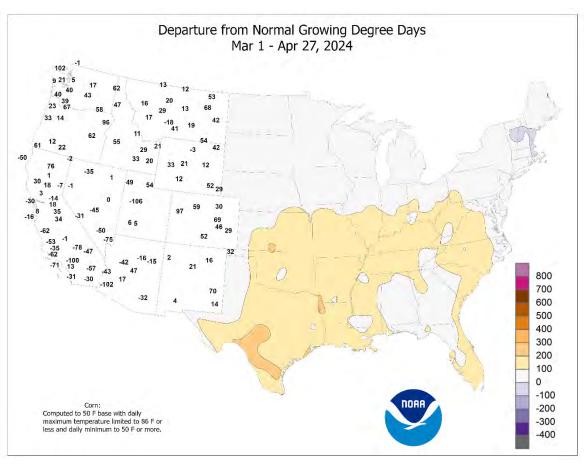


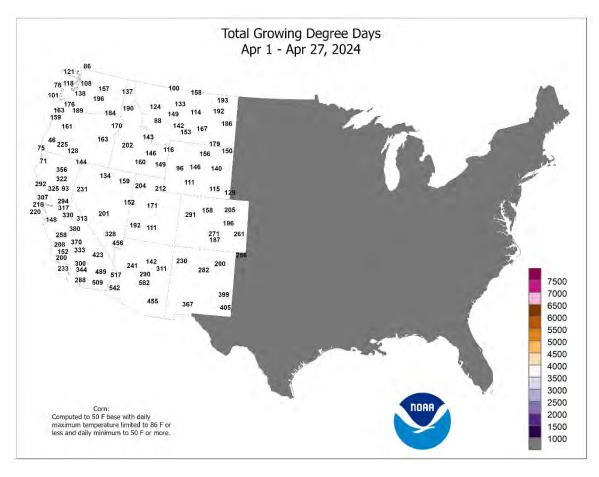


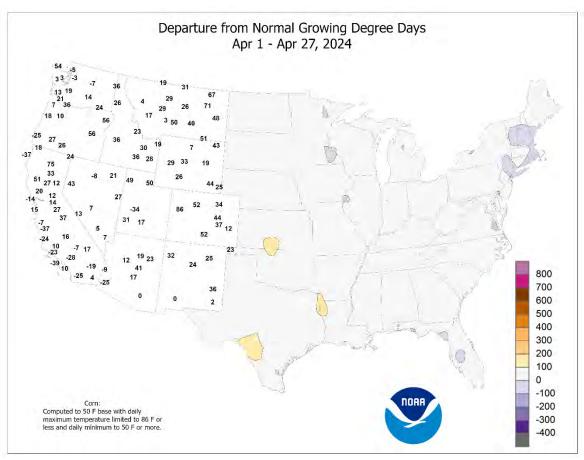












National Weather Data for Selected Cities

Weather Data for the Week Ending April 27, 2024
Data Provided by Climate Prediction Center

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	STATES			ı	ı		1							1	PER	CENT				
	AND	SE	3E M	, WE	. WE	3E	DEPARTURE FROM NORMAL	> ≧	URE RMAL	ST IN	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	₩. 4V.	RMAL 9N 1	SE	3E JM	90 AND ABOVE	AND BELOW	Y H	문 문
5	STATIONS	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	ART. W NO.	WEEKLY TOTAL, IN	DEPARTURE FROM NORMAL	GREATEST I 24-HOUR, IN	TAL, CE M	NOF CE M	TOTAL, IN., SINCE JAN	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	ND AE	ND BE	.01 INCH OR MORE	.50 INCH OR MORE
		A N	₹ ≥	Û	Û	Ą	DEF FROI	я 5	DEF	GRE 24-1	SIN	PCT	70 SIN	PCT	A A	₹ ≥	90 A	32 AI	9.6	3: 10
AK	ANCHORAGE	53	35	58	33	44	3	0.00	-0.10	0.00	1.36	126	3.44	126	81	43	0	0	0	0
	BARROW FAIRBANKS	12 59	5 34	16 62	-2 28	8 46	0 6	0.00	-0.04 -0.09	0.00	0.00 0.39	0 55	0.00 0.97	0 52	86 72	75 26	0	7	0	0
	JUNEAU	57	35	61	31	46	3	0.08	-0.78	0.08	5.83	86	18.04	104	88	40	0	1	1	0
	KODIAK NOME	44 39	37	47 46	32	41	-1 7	1.21 0.17	-0.21 0.00	0.35 0.05	14.35	138 246	28.96 5.78	114 172	97 94	78 70	0	1	7 5	0
AL	BIRMINGHAM	76	32 53	84	27 38	35 64	-1	0.17	-0.96	0.05	3.45 7.94	77	18.81	92	80	78 38	0	0	1	0
	HUNTSVILLE	77	50	88	37	64	-2	0.00	-1.17	0.00	6.78	69	17.51	87	81	33	0	0	0	0
	MOBILE	80	55	86	45	67	-1	0.03	-1.32	0.03	8.04	75	17.78	84	91	39	0	0	1	0
AR	MONTGOMERY FORT SMITH	78 75	52 53	87 81	41 37	65 64	-3 -1	0.24 0.76	-0.62 -0.49	0.24 0.71	10.02 8.69	113 105	25.52 13.39	137 96	94 88	39 48	0	0	1 3	0
,	LITTLE ROCK	75	54	84	41	65	1	1.74	0.31	1.15	10.29	103	22.50	127	80	44	0	0	3	2
AZ	FLAGSTAFF	62	33	73	30	47	2	0.57	0.40	0.38	3.86	143	9.33	133	78	29	0	3	3	0
	PHOENIX PRESCOTT	92 71	68 45	102 81	63 42	80 58	5 3	0.00 0.35	-0.02 0.26	0.00 0.24	1.70 2.34	163 167	3.74 4.65	132 118	30 63	11 22	4 0	0	0 3	0
	TUCSON	86	58	95	53	72	2	0.00	-0.02	0.00	2.07	263	5.18	207	38	12	3	0	0	0
CA	BAKERSFIELD	77	55	91	48	66	1	0.00	-0.11	0.00	1.64	95	5.31	128	75	33	1	0	0	0
	EUREKA FRESNO	56 77	45 55	60 88	40 50	51 66	-1 2	0.52 0.01	-0.14 -0.18	0.35 0.01	8.25 3.48	90 120	25.30 8.67	116 123	99 79	77 35	0	0	2	0
	LOS ANGELES	64	55	66	53	60	-2	0.00	-0.18	0.00	3.76	163	15.26	185	89	64	0	0	0	0
	REDDING	76	56	88	50	66	5	0.12	-0.33	0.12	6.46	94	19.39	104	75	35	0	0	1	0
	SACRAMENTO SAN DIEGO	74 65	51 59	85 67	45 57	62 62	1 -1	0.10 0.00	-0.11 -0.11	0.10 0.00	3.22 2.69	83 129	11.40 10.76	102 169	89 80	42 62	0	0	1 0	0
	SAN FRANCISCO	65	54	71	51	59	1	0.00	-0.21	0.00	4.13	102	13.36	111	82	55	0	0	0	0
	STOCKTON	75	52	86	48	64	1	0.03	-0.16	0.03	3.67	124	10.17	124	85	39	0	0	1	0
СО	ALAMOSA CO SPRINGS	67 66	28 39	75 78	24 33	48 53	3	0.05 1.24	-0.09 0.82	0.05 1.18	1.31 3.01	129 146	2.02 5.01	124 186	78 87	16 31	0	6	1 3	0
	DENVER INTL	67	41	78	31	54	5 5	1.84	1.37	1.18	4.81	208	6.54	210	81	35	0	1	3	1
	GRAND JUNCTION	74	48	86	41	61	7	0.33	0.11	0.20	1.48	87	2.14	75	52	20	0	0	2	0
СТ	PUEBLO	73	41	86	33	57	4 -5	0.89 0.01	0.47	0.89 0.01	2.93	132 165	4.71	165	77 76	25 34	0	0	1	1
CI	BRIDGEPORT HARTFORD	58 64	39 35	68 70	36 31	49 49	-5 -4	0.01	-0.96 -0.92	0.01	12.94 11.77	161	20.72 21.92	145 158	75	24	0	1	1	0
DC	WASHINGTON	66	48	77	42	57	-4	0.03	-0.76	0.03	6.30	99	13.45	112	72	33	0	0	1	0
DE	WILMINGTON	61	39	71	32	50	-7	0.00	-0.82	0.00	11.52	157	19.54	144	83	38	0	1	0	0
FL	DAYTONA BEACH JACKSONVILLE	80 80	59 56	88 86	50 49	69 68	-2 -2	0.04 0.13	-0.44 -0.49	0.03 0.13	4.51 6.94	79 116	9.99 13.33	92 109	95 91	46 43	0	0	2	0
	KEY WEST	84	74	87	73	79	0	0.01	-0.57	0.01	5.50	163	11.56	170	79	59	0	0	1	0
	MIAMI	83	70	86	68	77	-1	1.04	0.13	1.00	5.77	105	9.69	101	78	48	0	0	2	1
	ORLANDO PENSACOLA	83 76	59 58	89 82	54 49	71 67	-2 -3	0.14 0.05	-0.46 -1.20	0.14 0.05	2.45 7.80	45 75	6.41 15.26	64 75	89 83	41 45	0	0	1	0
	TALLAHASSEE	83	53	88	44	68	-1	0.03	-0.71	0.03	15.02	177	22.17	127	91	39	0	0	1	0
	TAMPA	83	65	88	58	74	-1	0.00	-0.61	0.00	3.80	78	10.08	99	79	42	0	0	0	0
GA	WEST PALM BEACH ATHENS	83 74	70 50	88 80	65 41	77 62	1 -3	0.11 0.86	-0.77 0.03	0.11 0.86	8.74 10.30	131 136	14.43 25.46	112 154	77 92	49 47	0	0	1	0
0/1	ATLANTA	73	53	82	44	63	-2	0.39	-0.49	0.39	13.25	162	22.87	131	82	41	0	0	1	0
	AUGUSTA	76	47	82	39	62	-5	0.27	-0.34	0.27	5.23	77	11.08	76	97	38	0	0	1	0
	MACON SAVANNAH	76 78	48 55	83 85	40 46	62 66	-5 -3	0.23 0.62	-0.52 -0.14	0.23 0.62	11.04 8.81	144 133	21.94 14.04	134 109	100 92	45 40	0	0	1	0
н	HILO	80	67	82	65	74	1	2.91	0.90	0.93	28.26	132	37.13	93	98	66	0	0	7	3
	HONOLULU	82	71	84	69	77	0	0.00	-0.14	0.00	1.66	54	4.54	65	81	50	0	0	0	0
	KAHULUI LIHUE	80 79	67 71	82 80	63 69	73 75	-3 0	0.02 0.52	-0.24 0.13	0.01 0.31	2.49 14.03	64 188	7.40 18.51	88 132	92 85	59 66	0	0	2 5	0
IA	BURLINGTON	66	44	78	33	55	0	2.02	0.15	1.09	11.50	196	13.46	148	86	41	0	0	2	2
	CEDAR RAPIDS	67	40	82	26	53	1	0.14	-0.79	0.07	3.07	59 77	3.67	49	85	34	0	2	2	0
1	DES MOINES DUBUQUE	68 64	46 40	77 79	31 24	57 52	3 1	0.79 0.22	-0.30 -0.80	0.65 0.14	4.42 6.79	77 115	8.73 8.76	107 99	76 84	36 36	0	1	2	1
1	SIOUX CITY	66	40	74	27	53	1	1.46	0.65	1.44	6.10	133	7.72	125	85	47	0	2	2	1
1	WATERLOO	67	40	75	28	53	1	1.78	0.74	1.17	5.65	101	7.17	91	77	32	0	1	2	2
ID	BOISE LEWISTON	68 66	43 43	74 72	34 35	55 55	2 1	0.01 0.12	-0.26 -0.22	0.01 0.10	3.90 1.70	159 65	8.23 4.44	168 92	67 70	24 30	0	0	1 3	0
1	POCATELLO	65	38	72	29	51	4	0.12	0.00	0.10	3.77	165	7.33	166	76	31	0	2	3	0
IL	CHICAGO/O_HARE	62	41	79	33	51	-1	0.41	-0.55	0.38	5.92	102	9.91	101	78	37	0	0	2	0
1	MOLINE PEORIA	67 65	43 44	80 79	31 33	55 54	0 -2	0.96 1.72	-0.04 0.69	0.64 0.78	7.87 7.83	131 125	10.89 11.50	114 110	81 88	36 40	0	1	2	1 2
	ROCKFORD	65	39	79	26	52	0	0.49	-0.43	0.78	8.05	140	10.59	117	83	33	0	2	2	0
	SPRINGFIELD	65	45	79	32	55	-3	0.13	-0.92	0.12	5.94	95	10.59	104	88	41	0	1	2	0
IN	EVANSVILLE	70 61	47	80 70	36	59 50	-2	0.16	-1.21 0.50	0.16	7.47	81 173	14.31	90	85 97	40	0	0	1	0
	FORT WAYNE INDIANAPOLIS	61 64	40 43	79 79	31 34	50 53	-3 -3	1.46 0.19	0.59 -0.87	0.83 0.16	10.68 8.69	173 115	15.55 14.76	143 111	87 86	44 41	0	1	2	1
	SOUTH BEND	61	38	80	28	50	-2	0.35	-0.53	0.20	8.02	147	13.25	126	84	42	0	2	3	0
KS	CONCORDIA	72 77	48 47	80 97	33	60	4 6	3.10 0.00	2.42	2.50	4.33 0.27	115	6.73	126	80	36 27	0	0	2	2
1	DODGE CITY GOODLAND	71	47	87 85	31 31	62 57	6	0.00	-0.54 0.00	0.00	1.43	8 60	1.85 3.26	42 102	81 85	33	0	1	3	0
	TOPEKA	72	52	81	36	62	4	0.55	-0.50	0.54	1.63	29	4.42	56	73	40	0	0	2	1
	WICHITA	73	51	84	36	62	3	1.04	0.15	0.79	2.88	57	5.20	73	81	37	0	0	2	1

Based on 1991-2020 normals

Weekly Weather and Crop Bulletin
Weather Data for the Week Ending April 27, 2024

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		7	ГЕМЕ	PERA	TUR	E °	F			PREC	CIPITA	ATION	l		HUM	IDITY		IP. °F		ECIP
	STATES		_	_					1		1				PER	CENT				.0
ş	AND STATIONS	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
KY	LEXINGTON LOUISVILLE	68 70	43 48	78 82	31 39	55 59	-4 -3	0.06 0.19	-1.07 -1.04	0.06 0.18	6.84 6.37	81 71	15.65 14.17	100 89	84 74	42 34	0	1	1 2	0
	PADUCAH	73	48	83	35	60	-1	0.26	-1.09	0.10	4.78	51	14.53	84	88	32	0	0	4	0
LA	BATON ROUGE LAKE CHARLES	82 78	57 60	89 82	46 49	70 69	0 -2	0.13 0.23	-1.04 -0.85	0.13 0.23	10.75 5.81	119 76	21.01 17.41	105 103	90 93	41 49	0	0	1	0
	NEW ORLEANS	79	61	85	49	70	-2 -2	0.23	-1.23	0.23	14.74	163	26.13	141	90	49	0	0	1	0
	SHREVEPORT	81	62	88	46	71	3	0.00	-1.19	0.00	0.00	0	0.00	0	84	44	0	0	0	0
MA	BOSTON	57	38	66	34	48	-4	***	***	***	***	400	***	***	75 60	31	0	0	***	***
MD	WORCESTER BALTIMORE	58 64	35 43	63 75	30 35	46 53	-4 -5	0.06 0.02	-0.86 -0.78	0.04 0.02	12.86 7.97	163 113	22.41 15.58	151 118	68 76	25 34	0	2	2	0
ME	CARIBOU	49	24	63	19	37	-6	0.23	-0.48	0.22	6.18	113	9.30	85	74	32	0	7	2	0
	PORTLAND	55	29	59	26	42	-6	0.03	-1.01	0.03	12.34	153	20.69	135	80	31	0	6	1	0
MI	ALPENA GRAND RAPIDS	59 61	28 37	80 80	20 28	43 49	-1 -2	0.18 0.18	-0.52 -0.76	0.12 0.12	6.23 5.41	140 90	9.51 10.50	121 98	91 80	30 37	0	5 2	2	0
	HOUGHTON LAKE	59	30	72	22	45	-1	0.29	-0.45	0.16	4.96	113	6.45	102	93	32	0	5	2	0
	LANSING	61	35	81	27	48	-2	0.53	-0.24	0.37	5.24	104	9.32	105	83	38	0	3	2	0
	MUSKEGON TRAVERSE CITY	60 62	39 35	74 80	32 27	50 48	0 2	0.10 0.15	-0.72 -0.53	0.06 0.08	5.23 3.76	95 92	8.74 5.39	86 79	75 81	39 29	0	1	2	0
MN	DULUTH	55	33	65	28	44	1	0.63	0.00	0.50	3.46	93	4.50	79	86	43	0	4	4	1
	INT_L FALLS	59	32	68	24	46	4	0.51	0.10	0.23	2.00	81	3.40	86	86	31	0	4	3	0
Ī	MINNEAPOLIS ROCHESTER	62 62	41 36	70 67	33 27	52 49	1 0	0.31 0.21	-0.42 -0.67	0.24 0.18	5.19 4.44	121 85	5.97 5.24	98 72	72 76	35 38	0	0	3	0
	ST. CLOUD	62	40	71	30	51	4	0.64	-0.05	0.41	5.46	141	6.65	124	75	36	0	1	2	0
MO	COLUMBIA	68	47	76	35	57	-2	1.50	0.16	0.59	6.47	88	9.39	80	85	44	0	0	4	2
	KANSAS CITY SAINT LOUIS	70 68	47 48	79 77	34 38	58 58	1 -2	2.62 1.23	1.48 0.03	1.30 0.79	6.88 8.28	116 107	9.09 12.64	105 100	82 82	42 39	0	0	3	2
	SPRINGFIELD	69	46	77	33	57	-2	2.58	1.27	1.73	7.06	92	10.42	82	89	47	0	0	2	2
MS	JACKSON	78	53	85	40	66	-1	0.63	-0.59	0.63	18.02	163	32.14	147	93	42	0	0	1	1
	MERIDIAN TUPELO	79 77	51 50	86 87	39 38	65 64	-3 -2	0.98	-0.28 -1.30	0.98 0.00	13.94 12.59	130 121	24.68 24.14	112 116	93 81	41 35	0	0	1	1 0
МТ	BILLINGS	65	39	74	29	52	-2 4	0.00	-0.33	0.00	1.72	70	24.14	82	63	25	0	1	1	0
	BUTTE	57	29	68	19	43	3	0.16	-0.17	0.16	1.49	81	2.94	108	76	29	0	4	1	0
	CUT BANK GLASGOW	58 70	32 37	67 75	26 27	45 53	3 5	0.30	0.05 -0.29	0.30	0.78 1.27	64 94	1.17 2.30	69 107	68 61	25 22	0	2	1	0
	GREAT FALLS	62	35	75 74	27	49	5 4	0.00	-0.29	0.00	2.46	110	4.54	133	65	29	0	2	1	0
	HAVRE	67	35	75	22	51	4	0.08	-0.20	0.08	1.24	89	3.06	138	73	20	0	2	1	0
	MISSOULA ASHEVILLE	60 66	34 43	71 73	25 34	47 54	1 -5	0.40 0.45	0.09 -0.59	0.24 0.38	2.06	95	3.73	92	80 89	34 41	0	4 0	2	0
NC	CHARLOTTE	71	50	77	34 41	60	-5 -3	0.45	-0.59	0.38	7.83 6.03	103 81	17.56 14.22	115 100	86	38	0	0	1	0
	GREENSBORO	69	47	75	38	58	-4	0.43	-0.48	0.41	5.66	79	14.76	109	87	38	0	0	2	0
	HATTERAS	65	53	70	48	59	-5 -	0.74	-0.20	0.72	11.61	145	15.33	88	91	57	0	0	2	1
	RALEIGH WILMINGTON	71 72	46 49	80 78	37 39	59 61	-5 -5	0.34 0.89	-0.50 0.15	0.26 0.89	5.29 8.19	72 121	11.37 11.65	83 82	91 89	38 46	0	0	2	0
ND	BISMARCK	64	36	77	23	50	4	0.91	0.54	0.85	2.33	116	3.03	100	84	36	0	2	4	1
	DICKINSON	65	33	80	23	49	5	0.08	-0.27	0.08	0.89	51	0.94	40	83	31	0	4	1	0
	GRAND FORKS	66 63	40 33	80 78	27 22	53 48	6 3	0.35 0.33	-0.05 -0.02	0.27 0.32	2.31 1.20	89 61	3.15 1.70	78 57	69 80	29 29	0	2	2	0
	JAMESTOWN	64	35	78	25	49	4	0.23	-0.17	0.23	1.47	85	1.52	62	79	35	0	4	1	0
NE	GRAND ISLAND LINCOLN	69 70	43 42	76 79	29 26	56 56	3 1	3.57 1.99	2.91 1.21	2.50 1.43	5.74 2.97	160 100	7.25 4.30	146 93	83 83	37 35	0	1	3	2
	NORFOLK	66	42	79	30	54	3	1.99	1.26	1.43	5.91	153	7.33	138	83	43	0	2	2	2
	NORTH PLATTE	67	39	73	21	53	3	1.47	0.85	0.68	3.15	104	4.60	115	88	39	0	1	4	2
	OMAHA SCOTTSBLUFF	69 68	44 39	77 78	31 20	56 54	1 4	0.97 1.08	0.11 0.59	0.75 0.96	3.60 2.63	78 97	4.52 4.41	71 120	84 79	37 32	0	1	3	1
Ī	VALENTINE	64	39	76	22	52	2	0.25	-0.42	0.96	3.26	101	4.41	112	86	40	0	1	3	0
NH	CONCORD	60	27	67	24	44	-5	0.08	-0.71	0.07	8.72	137	15.80	131	85	23	0	7	2	0
NJ	ATLANTIC_CITY NEWARK	59 62	36 42	74 74	31 38	47 52	-8 -5	0.00 0.04	-0.75 -0.89	0.00 0.04	12.06 9.78	160 128	20.20 16.09	141 113	83 66	33 28	0	3	0	0
NM	ALBUQUERQUE	74	49	83	45	61	3	0.04	0.00	0.04	0.60	64	1.34	77	58	18	0	0	1	0
NV	ELY	64	33	74	31	48	3	0.74	0.50	0.61	2.38	122	4.28	119	82	29	0	4	3	1
	LAS VEGAS RENO	82 71	62 47	92 82	52 38	72 58	2 5	0.25 0.08	0.21 -0.02	0.25 0.07	0.91 2.55	151 212	2.07 4.95	104 140	44 64	16 22	2	0	1 2	0
	WINNEMUCCA	64	42	72	33	53	3	0.81	0.67	0.73	3.38	207	6.80	204	91	34	0	0	3	1
NY	ALBANY	61	33	70	30	47	-5	0.00	-0.72	0.00	9.29	158	14.74	136	70	26	0	2	0	0
Ī	BINGHAMTON BUFFALO	56 56	32 37	66 66	27 29	44 47	-4 -2	0.17 0.32	-0.68 -0.45	0.10 0.13	8.10 5.41	128 91	14.25 11.07	124 93	71 81	31 37	0	5 3	2	0
Ī	ROCHESTER	55	36	68	28	46	-2 -5	0.32	-0.45	0.13	5.61	108	9.99	100	82	35	0	4	2	0
Ī	SYRACUSE	58	35	71	28	47	-4	0.66	-0.13	0.53	6.87	111	12.43	109	80	31	0	3	3	1
ОН	AKRON-CANTON CINCINNATI	60 65	37 42	77 78	30 32	49 53	-5 -4	0.19 0.04	-0.69 -1.09	0.10 0.04	7.77 6.97	115 84	11.92 14.33	97 96	86 90	44 42	0	3	3	0
Ī	CLEVELAND	62	42	80	30	51	-4	0.04	-0.70	0.04	6.94	107	11.39	96	81	38	0	1	2	0
	COLUMBUS	64	42	80	33	53	-3	0.08	-0.84	0.08	7.74	109	13.64	108	83	39	0	0	1	0
Ī	DAYTON MANSFIELD	64 61	43 38	79 79	33 27	53 50	-4 -3	0.13 0.21	-0.96 -0.79	0.13 0.10	6.57 7.85	87 109	13.54 13.22	104 101	84 80	42 40	0	0	1	0
	TOLEDO	61	37	81	30	49	-5 -5	0.21	0.10	0.63	9.29	163	14.47	138	85	41	0	3	3	1
	Based on 1001 2020																			_

*** Not Available Based on 1991-2020 normals

Weekly Weather and Crop Bulletin
Weather Data for the Week Ending April 27, 2024

			weather Data for the Week Ending April 27, 2024 RELATI							ATIVE	NUN	/IBER	OF D	AYS						
	STATES	1	ΓEMF	PERA	TUR	E °	F			PREC	CIPITA	ATION				IDITY CENT	TEM	IP. °F	PRE	ECIP
	AND						E ML		E ML	≥ >	, ,	1 7b	. +	1 74			VE	NO.		
5	STATIONS	AVERAGE MAXIMUM	AVERAGE	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR	PCT. NORMAL SINCE MAR 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
ОК	YOUNGSTOWN OKLAHOMA CITY	62 77	37 54	79 84	30 37	49 65	-3 4	0.26 1.10	-0.60 0.05	0.11 0.73	8.91 4.85	134 85	14.41 7.86	117 92	83 87	44 46	0	2	3	0
OIC	TULSA	77	53	82	39	65	2	2.71	1.48	1.53	5.19	75	9.19	89	90	46	0	0	3	2
OR	ASTORIA	57	45	63	37	51	1	2.12	0.93	1.24	10.51	79 72	33.35	106	93	68	0	0	5	2
	BURNS EUGENE	65 63	35 42	75 76	25 34	50 52	4 0	0.04 0.33	-0.16 -0.31	0.03 0.22	1.35 5.59	73 72	5.63 14.88	136 79	77 92	25 53	0	1 0	2	0
	MEDFORD	68	46	81	42	57	3	0.26	-0.06	0.19	3.48	108	9.65	121	78	35	0	0	2	0
	PENDLETON	64	40	70	31	53	1	0.08	-0.19	0.08	1.26	52	4.61	88	75	29	0	1	1	0
	PORTLAND SALEM	65 62	48 44	78 74	42 35	56 53	2 0	0.45 0.60	-0.15 -0.02	0.36 0.34	3.61 5.29	54 73	16.93 19.80	109 109	78 87	43 49	0	0	3	0
PA	ALLENTOWN	62	34	69	30	48	-7	0.04	-0.84	0.04	9.36	135	16.91	129	76	27	0	3	1	0
	ERIE	58	38	75	31	48	-3	0.37	-0.41	0.16	5.25	84	10.30	84	84	44	0	3	3	0
	MIDDLETOWN	61	41	70	37	51	-5	0.07	-0.79	0.04	8.35	121	16.56	131	79	34	0	0	2	0
	PHILADELPHIA PITTSBURGH	63 64	42 40	72 81	39 33	53 52	-5 -3	0.01 0.08	-0.79 -0.70	0.01 0.07	11.02 10.70	155 174	18.35 16.63	140 140	76 77	29 37	0	0	1 2	0
	WILKES-BARRE	61	35	69	31	48	-6	0.05	-0.72	0.03	7.79	137	14.87	142	65	26	0	3	2	0
	WILLIAMSPORT	62	35	70	30	49	-5	0.09	-0.77	0.05	8.86	139	16.98	144	77	29	0	3	2	0
RI SC	PROVIDENCE CHARLESTON	59 76	35 54	66 83	33 42	47 65	-6 -3	0.00 0.24	-0.94 -0.52	0.00 0.24	15.17 11.59	172 183	25.29 16.53	154 128	85 89	31 41	0	0	0	0
30	COLUMBIA	76 75	54 50	83	42	62	-3 -4	0.24	-0.52 -0.22	0.24	9.72	159	15.03	128	98	41 45	0	0	2	0
	FLORENCE	75	48	82	36	61	-5	0.30	-0.41	0.22	6.71	113	11.30	93	94	41	0	0	2	0
	GREENVILLE	71	47	78	40	59	-5	0.46	-0.54	0.44	8.76	107	21.40	131	86	42	0	0	2	0
SD	ABERDEEN HURON	65 64	39 39	75 72	26 25	52 52	4 3	0.50 1.37	-0.09 0.69	0.43 1.12	3.21 3.36	127 99	3.50 4.41	94 93	79 87	37 42	0	2	3 2	0
	RAPID CITY	67	38	76	24	52	6	0.74	0.19	0.47	5.18	189	5.99	168	76	36	0	1	2	0
	SIOUX FALLS	66	42	74	27	54	3	1.07	0.31	1.07	4.47	104	5.79	100	72	39	0	1	1	1
TN	BRISTOL	69	41	79	32	55	-4	0.42	-0.45	0.19	6.16	83	13.49	90	90	37	0	1	3	0
	CHATTANOOGA KNOXVILLE	74 70	51 46	80 78	41 38	63 58	-2 -4	0.00 0.51	-1.17 -0.60	0.00 0.39	7.55 7.63	77 83	16.90 18.11	84 95	76 88	33 38	0	0	0 2	0
	MEMPHIS	74	53	85	41	64	-2	0.42	-1.05	0.34	8.20	74	18.42	92	82	37	0	0	3	0
	NASHVILLE	74	49	84	37	62	-2	0.28	-0.96	0.24	6.38	73	15.33	88	78	33	0	0	2	0
TX	ABILENE AMARILLO	80 75	59 49	89 84	45 36	69 62	1 3	0.83 0.01	0.31 -0.39	0.79 0.01	3.59 2.55	107 100	7.00 4.19	121 110	93 79	45 30	0	0	2	1 0
	AUSTIN	75 79	63	84	49	71	0	0.01	-0.39	0.01	3.38	67	10.32	107	79 89	57	0	0	1	0
	BEAUMONT	79	62	83	51	70	-1	0.11	-0.80	0.11	5.76	80	19.07	121	92	57	0	0	1	0
	BROWNSVILLE	85	72	91	63	78	0	0.50	0.20	0.41	1.28	46	4.54	92	93	66	1	0	3	0
	CORPUS CHRISTI DEL RIO	81 88	68 69	86 98	58 59	75 79	0 4	0.03	-0.44 -0.37	0.02 0.00	1.25 0.11	30 4	5.50 0.69	80 18	94 75	67 37	0	0	2	0
	EL PASO	84	60	92	50	72	3	0.00	-0.04	0.00	0.06	16	0.09	65	39	13	2	0	0	0
	FORT WORTH	76	61	82	46	69	1	0.41	-0.43	0.41	9.85	160	14.72	127	89	58	0	0	1	0
	GALVESTON HOUSTON	77	67	82	59	72	-1	0.14	-0.31	0.14	3.59	73	11.20	98	92	68	0	0	1	0
	LUBBOCK	79 81	63 53	84 93	52 44	71 67	-1 4	0.20 0.00	-0.74 -0.36	0.20 0.00	5.44 1.76	77 78	16.09 3.06	116 85	91 73	57 26	0 2	0	1 0	0
	MIDLAND	82	57	91	44	69	1	0.02	-0.13	0.02	1.27	96	1.84	71	84	29	1	0	1	0
	SAN ANGELO	84	59	93	48	72	3	0.02	-0.35	0.02	1.17	42	2.33	47	87	37	4	0	1	0
	SAN ANTONIO VICTORIA	80 81	64 64	86 89	52 51	72 73	1 0	0.04 0.02	-0.57 -0.67	0.04 0.02	2.71 2.60	61 46	8.91 13.00	108 125	89 92	57 57	0	0	1	0
	WACO	77	60	83	42	69	0	0.02	-0.80	0.02	5.43	87	11.11	95	95	63	0	0	2	0
	WICHITA FALLS	78	56	86	41	67	2	3.98	3.28	3.31	8.44	200	12.73	185	90	53	0	0	2	2
UT VA	SALT LAKE CITY LYNCHBURG	69 68	50 44	79 75	45 33	59 56	6 -3	1.12 0.02	0.63 -0.83	0.85 0.02	3.45 6.40	93 93	7.43 14.24	114 106	71 84	33 37	0	0	2	1 0
٧٨	NORFOLK	62	44	68	41	55	-3 -8	0.02	-0.83	0.02	11.48	171	17.52	133	84	53	0	0	2	0
	RICHMOND	67	45	77	37	56	-6	0.22	-0.57	0.21	8.64	126	16.65	130	86	42	0	0	2	0
	ROANOKE	70 65	47	78 75	38	58	-2 4	0.01	-0.86	0.01	4.54	68	11.08	86	70	33	0	0	1	0
VT	WASH/DULLES BURLINGTON	65 57	43 31	75 70	34 27	54 44	-4 -5	0.08 0.16	-0.79 -0.60	0.08 0.12	5.25 6.49	79 130	12.44 10.00	101 111	78 74	33 27	0	0 3	1 2	0
WA	OLYMPIA	60	43	73	32	51	2	1.08	0.34	0.85	6.28	69	20.74	93	96	57	0	1	4	1
	QUILLAYUTE	59	44	65	35	52	4	2.79	1.16	1.69	16.95	87	42.99	95	85	58	0	0	5	2
	SEATTLE-TACOMA SPOKANE	58 62	46 41	70 68	42 32	52 51	-1 2	0.63 0.00	-0.04 -0.26	0.43 0.00	3.35 1.49	47 49	12.99 5.43	77 84	87 68	52 29	0	0 1	4 0	0
	YAKIMA	62 65	36	71	32	51	-1	0.00	-0.26 -0.05	0.00	0.70	49 61	3.03	95	80	31	0	2	1	0
WI	EAU CLAIRE	61	37	68	27	49	0	0.01	-0.75	0.01	5.22	110	5.85	85	79	35	0	4	0	0
	GREEN BAY	63	34	79	29	49	1	0.62	-0.13	0.31	4.44	95	5.70	78	82	31	0	3	4	0
	LA CROSSE MADISON	64 64	39 38	70 80	29 28	52 51	-1 1	0.47 0.20	-0.46 -0.72	0.43 0.16	4.52 7.15	83 126	5.66 9.66	71 111	78 77	31 31	0	2	2	0
	MILWAUKEE	61	38	80	31	49	0	0.20	-0.72	0.16	8.86	156	12.72	138	78	38	0	2	3	0
WV	BECKLEY	65	41	77	29	53	-4	0.05	-0.82	0.05	5.75	79	13.63	100	76	32	0	1	1	0
	CHARLESTON	70	41	82	31	55	-4	0.19	-0.72	0.12	8.35	114	16.37	116	85	29	0	1	2	0
	ELKINS HUNTINGTON	65 71	37 42	79 84	26 31	51 56	-3 -3	0.27 0.10	-0.76 -0.91	0.16 0.07	8.70 6.30	113 82	15.96 15.56	110 109	94 79	36 29	0	3 1	2	0
WY	CASPER	64	29	74	18	47	-3 3	0.10	-0.91	0.07	1.76	84	2.78	88	86	28	0	3	2	0
	CHEYENNE	61	36	72	20	48	4	0.46	-0.04	0.39	1.63	64	2.92	85	84	34	0	2	3	0
	LANDER SHERIDAN	63 66	34 34	71 76	25 20	49 50	4 5	0.93	0.41	0.60 0.00	2.57	83 76	4.49 3.17	103 80	77 72	31 26	0	2	3	1 0
	SHERIDAN	סט	34	70	20	50	Э	0.00	-0.51	0.00	2.03	76	3.17	δU	72	∠0	U	J	U	U

Based on 1991-2020 normals

*** Not Available

National Agricultural Summary

April 22 - 28, 2024

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Large sections of the Great Basin, Mississippi Valley, Great Plains, Rockies, and Southwest recorded at least twice the normal amount of weekly precipitation. Parts of eastern Kansas received at least 6 inches of rain. Meanwhile, most of the nation's mid-section and West recorded above-normal temperatures for

the week. Parts of the Great Plains and Rockies recorded temperatures 6°F or more above normal. In contrast, most of the eastern one-third of the nation was cooler than normal. Some locations in eastern Kentucky, the mid-Atlantic, and Northeast noted temperatures 6°F or more below normal.

Corn: By April 28, producers had planted 27 percent of the nation's corn crop, 4 percentage points ahead of last year and 5 points ahead of the 5-year average. Progress was furthest advanced in Texas and North Carolina, with 71 and 70 percent planted, respectively. Seven percent of the nation's corn acreage had emerged by April 28, two percentage points ahead of the previous year and 3 points ahead of average.

Soybean: Eighteen percent of the nation's soybean acreage was planted by April 28, two percentage points ahead of last year and 8 points ahead of the 5-year average. Progress was furthest advanced in Arkansas and Mississippi, with 56 and 52 percent planted, respectively.

Winter Wheat: By April 28, thirty percent of the nation's winter wheat crop was headed, 7 percentage points ahead of last year and 9 points ahead of the 5-year average. On April 28, forty-nine percent of the 2024 winter wheat crop was reported in good to excellent condition, 1 percentage point below the previous week but 21 points above last year. In Kansas, the largest winter wheat-producing state, 31 percent of the winter wheat crop was rated in good to excellent condition.

Cotton: Nationwide, 15 percent of the cotton crop was planted by April 28, one percentage point ahead of both the previous year and the 5-year average. Planting progress was furthest advanced in Arizona at 64 percent, 21 percentage points ahead of last year and 9 points ahead of average.

Sorghum: Nineteen percent of the nation's sorghum acreage was planted by April 28, one percentage point behind both last year and the 5-year average. Texas had planted 65 percent of its sorghum acreage by April 28, two percentage points behind last year and 1 point behind average.

Rice: By April 28, producers had seeded 72 percent of the 2024 rice acreage, 12 percentage points ahead of the previous year and 26 points ahead of the 5-year average. Louisiana and Texas had the largest percentages of acreage planted, at 92 and

86 percent, respectively. By April 28, forty-eight percent of the nation's rice acreage had emerged, 12 percentage points ahead of last year and 20 points ahead of average.

Small Grains: Nationally, oat producers had seeded 63 percent of this year's acreage by April 28, sixteen percentage points ahead of last year and 12 points ahead of the 5-year average. Forty-two percent of the nation's oat acreage had emerged by April 28, ten percentage points ahead of the previous year and 8 points ahead of average.

Thirty-five percent of the nation's barley crop was planted by April 28, nineteen percentage points ahead of last year and 6 points ahead of the 5-year average. Progress was furthest advanced in Washington and Idaho, with 70 and 65 percent planted, respectively. Six percent of the nation's barley crop had emerged by April 28, four percentage points ahead of the previous year but 2 points behind average.

By April 28, thirty-four percent of the spring wheat crop was seeded, 24 percentage points ahead of last year and 15 points ahead of the 5-year average. Progress was furthest advanced in Washington and Idaho, with 76 and 72 percent planted, respectively. By April 28, five percent of the nation's spring wheat crop had emerged, 3 percentage points ahead of the previous year but equal to the 5-year average.

Other Crops: Nationally, producers had planted 9 percent of the 2024 peanut acreage by April 28, two percentage points ahead of the previous year and 1 point ahead of the 5-year average. Producers in Florida had planted 23 percent of the 2024 intended acreage by week's end, equal to last year but 1 percentage point ahead of average.

By April 28, sixty-six percent of the sugarbeet crop was planted, 44 percentage points ahead of last year and 34 points ahead of the 5-year average. Progress was furthest advanced in Minnesota and Idaho, with 81 and 63 percent planted, respectively.

Crop Progress and Condition Week Ending April 28, 2024

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

Corn Percent Planted										
	Prev	Prev	Apr 28	5-Yr						
	Year	Week	2024	Avg						
СО	5	1	8	12						
IL	34	11	25	25						
IN	17	2	8	13						
IA	24	13	39	28						
KS	31	26	39	29						
KY	47	23	35	38						
МІ	2	1	4	5						
MN	4	8	30	18						
MO	74	47	63	40						
NE	24	6	22	23						
NC	65	51	70	65						
ND	0	0	6	2						
ОН	9	0	6	6						
PA	13	0	2	6						
SD	1	3	13	6						
TN	57	31	49	45						
TX	73	68	71	69						
WI	2	2	10	8						
18 Sts 23 12 27 22										
These 18 States planted 92%										
of last year's o	of last year's corn acreage.									

Corn Percent Emerged										
	Prev	Prev	Apr 28	5-Yr						
	Year	Week	2024	Avg						
СО	0	0	0	0						
IL	3	1	6	3						
IN	1	0	0	1						
IA	1	0	2	1						
KS	8	3	17	6						
KY 21 8 15 14										
МІ	0	0	0	0						
MN	0	0	1	0						
MO	25	12	35	10						
NE	1	0	1	1						
NC	41	26	46	40						
ND	0	0	0	0						
ОН	0	0	0	0						
PA	1	0	0	0						
SD	0	0	0	0						
TN	20	5	18	18						
TX	64	55	62	58						
WI	0	0	0	0						
18 Sts 5 3 7 4										
These 18 States planted 92%										
of last year's	corn acr	eage.								

Soybeans Percent Planted										
	Prev	Prev	Apr 28	5-Yr						
	Year	Week	2024	Avg						
AR	40	43	56	23						
IL	32	11	26	18						
IN	15	2	8	9						
IA	13	8	25	12						
KS 11 6 12 6										
KY 25 13 22 15										
LA	54	42	49	37						
MI	5	1	7	6						
MN	1	5	14	5						
MS	40	28	52	35						
MO	29	16	24	9						
NE	13	2	10	11						
NC	8	6	14	9						
ND	0	0	0	0						
ОН	12	0	7	6						
SD	0	0	4	2						
TN	21	17	28	10						
WI	2	2	11	3						
18 Sts 16 8 18 10										
These 18 States planted 96%										
of last year's s	oybean	acreag	e.							

Cotto	Cotton Percent Planted										
	Prev	Prev	Apr 28	5-Yr							
	Year	Week	2024	Avg							
AL	13	3	8	10							
AZ	43	42	64	55							
AR	8	6	14	6							
CA	66	20	40	60							
GA	7	4	10	9							
KS	1	0	1	1							
LA	14	5	13	15							
MS	3	1	12	5							
МО	4	3	10	3							
NC	5	1	3	5							
ок	0	0	0	1							
sc	2	4	10	6							
TN	4	1	5	2							
TX	19	16	18	18							
VA	28	12	26	12							
15 Sts	14	11	15	14							
These 15 States planted 99%											
of last year's	of last year's cotton acreage.										

	Sorghum	Pe	rcent F	Planted							
	Pro	ev	Prev	Apr 28	5-Yr						
	Ye	ar	Week	2024	Avg						
CO		2	0	0	0						
KS		1	1	2	1						
NE		1	0	1	1						
OK		16	0	5	6						
SD		0	3	12	1						
TX		67	60	65	66						
6 Sts		20	17	19	20						
These 6 States planted 100%											
of last	of last year's sorghum acreage.										

Crop Progress and Condition

Week Ending April 28, 2024

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

R	ice Perce	ent Pla	nted							
	Prev	Prev	Apr 28	5-Yr						
	Year	Week	2024	Avg						
AR	63	67	83	43						
CA	4	5	15	10						
LA	88	87	92	84						
MS	49	27	45	40						
МО	70	56	68	37						
TX	80	72	86	82						
6 Sts	60	59	72	46						
These 6 States planted 100%										
of last year	's rice acre	age.								

Rice	Perce	nt Eme	erged							
	Prev Prev Apr 28									
	Year	Week	2024	Avg						
AR	30	29	54	19						
CA	0	0	0	0						
LA	82	77	82	77						
MS	26	13	25	20						
MO	26	14	24	16						
TX	66	56	72	68						
6 Sts	36	33	48	28						
These 6 States planted 100%										
of last year's rice acreage.										

Oats	Oats Percent Planted									
	Prev	Prev	Apr 28	5-Yr						
	Year	Week	2024	Avg						
IA	80	78	90	77						
MN	9	29	50	25						
NE	79	71	82	77						
ND	1	4	16	4						
ОН	68	27	66	57						
PA	63	25	44	53						
SD	24	45	60	38						
TX	100	100	100	100						
WI	21	19	39	30						
9 Sts	47	51	63	51						
These 9 States planted 66%										
of last year's oat acreage.										

Oats Percent Emerged							
	Prev	Prev	Apr 28	5-Yr			
	Year	Week	2024	Avg			
IA	24	34	53	24			
MN	2	10	15	7			
NE	37	36	55	39			
ND	0	1	2	0			
ОН	27	10	19	26			
PA	31	5	35	33			
SD	1	13	24	11			
TX	100	100	100	100			
WI	4	7	11	9			
9 Sts 32 35 42 34							
These 9 States planted 66%							
of last year's oat acreage.							

Peanuts Percent Planted							
	Prev Prev Apr 28 5-Y						
	Year	Week	2024	Avg			
AL	10	1	4	8			
FL	23	11	23	22			
GA	5	3	9	7			
NC	6	1	4	3			
ок	0	0	0	2			
SC	6	4	13	8			
TX	0	0	0	2			
VA	11	0	9	6			
8 Sts 7 3 9 8							
These 8 States planted 96%							
of last year's peanut acreage.							

Sugarbeets Percent Planted						
	Prev Prev		Apr 28	5-Yr		
	Year	Week	2024	Avg		
ID	66	39	63	82		
МІ	68	18	49	52		
MN	0	29	81	18		
ND	0	17	50	10		
4 Sts 22 26 66 32						
These 4 States planted 86%						
of last year's sugarbeet acreage.						

Crop Progress and Condition Week Ending April 28, 2024

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

Winter Wheat Percent Headed					
	Prev Prev Apr 28				
	Year	Week	2024	Avg	
AR	64	50	65	57	
CA	80	65	75	68	
СО	0	0	0	0	
ID	0	0	0	0	
IL	13	11	16	11	
IN	4	0	7	2	
KS	9	4	33	6	
MI	0	0	0	0	
MO	21	23	51	17	
MT	0	0	0	0	
NE	0	0	0	0	
NC	71	41	67	55	
ОН	0	0	0	0	
ок	40	30	45	41	
OR	0	0	0	2	
SD	0	0	0	0	
TX	64	50	64	64	
WA	0	0	0	1	
18 Sts 23 17 30 21					
These 18 States planted 89% of last year's winter wheat acreage.					

Winter Wheat Condition by Percent					
	VP	Р	F	G	EX
AR	0	4	31	59	6
CA	0	0	5	25	70
СО	10	13	31	44	2
ID	0	5	28	62	5
IL	0	1	12	71	16
IN	1	3	18	62	16
KS	10	21	38	28	3
MI	0	4	29	44	23
MO	1	1	20	69	9
MT	0	5	52	41	2
NE	2	5	30	48	15
NC	0	2	20	71	7
ОН	1	3	27	55	14
ок	3	11	40	43	3
OR	2	9	26	51	12
SD	1	3	29	61	6
TX	5	9	38	41	7
WA	4	8	32	52	4
18 Sts	5	11	35	43	6
Prev Wk	5	11	34	43	7
Prev Yr	19	23	30	25	3

Spring Wheat Percent Planted				
	Prev	Prev	Apr 28	5-Yr
	Year	Week	2024	Avg
ID	40	55	72	57
MN	0	18	48	11
MT	10	7	35	20
ND	5	7	20	11
SD	13	40	62	36
WA	67	60	76	73
6 Sts 10 15 34 1				
These 6 States planted 100%				
of last year's spring wheat acreage.				

Spring Wheat Percent Emerged				
	Prev	Prev Prev		5-Yr
	Year	Week	2024	Avg
ID	9	10	30	18
MN	0	2	5	2
MT	0	0	0	2
ND	0	0	1	1
SD	0	6	10	11
WA	30	18	38	38
6 Sts	2	2	5	5
These 6 States planted 100%				

of last year's spring wheat acreage.

Barley Percent Planted						
	Prev Prev Apr 28 5-Yr					
	Year	Week	2024	Avg		
ID	42	53	65	59		
MN	1	12	30	10		
MT	12	21	30	24		
ND	1	3	16	6		
WA	47	52	70	62		
5 Sts 16 24 35 29						
These 5 States planted 84%						
of last year's barley acreage.						

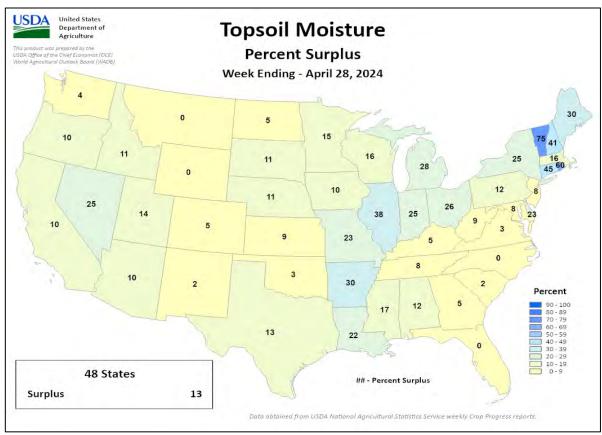
Barley Percent Emerged						
	Prev	Prev	Apr 28	5-Yr		
	Year	Week	2024	Avg		
ID	10	8	23	22		
MN	0	1	4	1		
MT	0	0	0	1		
ND	0	0	1	0		
WA	10	4	24	25		
5 Sts 2 2 6 8						
These 5 States planted 84%						
of last year's barley acreage.						

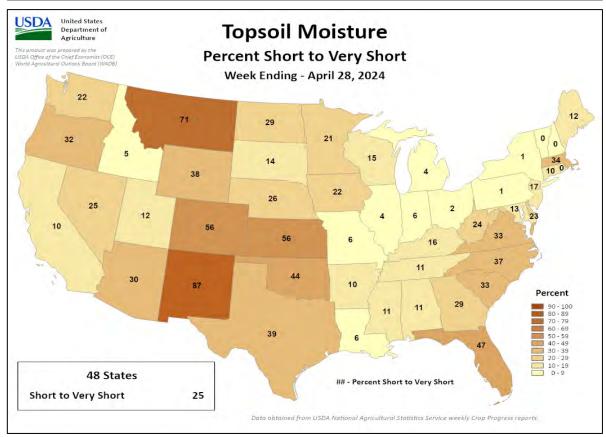
VP - Very Poor	P - Poor	F - Fair	G - Good	EX - Excellent
	NA - Not A	Available	*Revised	

Crop Progress and Condition

Week Ending April 28, 2024

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

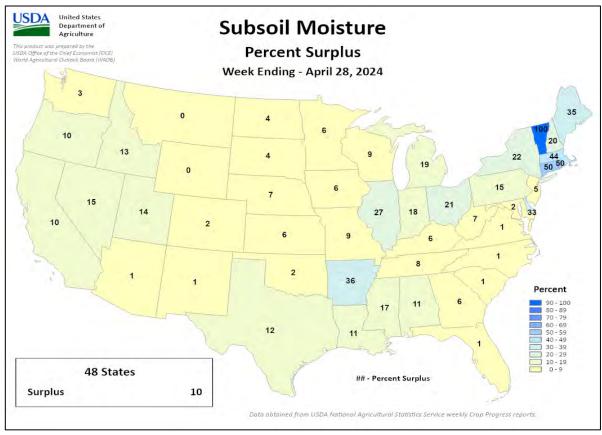


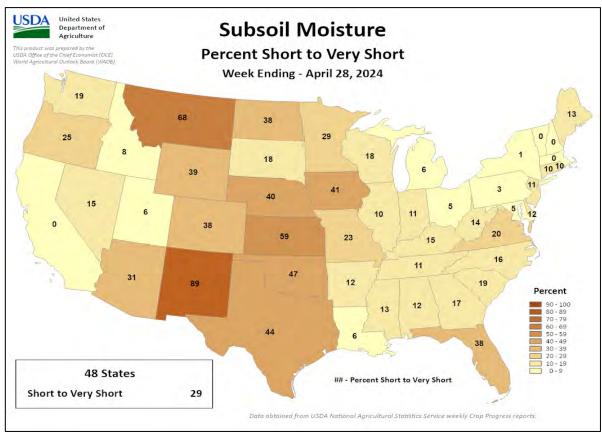


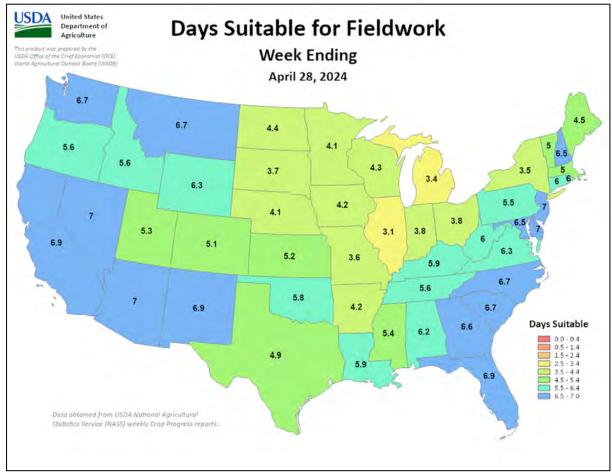
Crop Progress and Condition

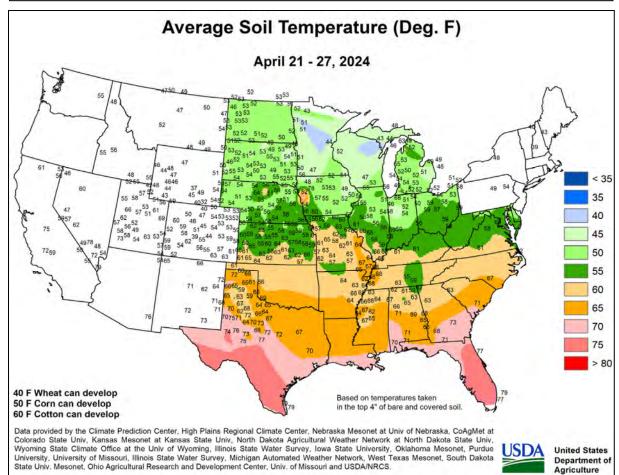
Week Ending April 28, 2024

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









International Weather and Crop Summary

April 21-27, 2024 International Weather and Crop Highlights and Summaries provided by USDA/WAOB

HIGHLIGHTS

EUROPE: An untimely hard freeze impacted reproductive winter crops across western, central, and northeastern Europe, while rain eased dryness concerns in the Balkans.

WESTERN FSU: Continued cool and rainy weather in the west stood in sharp contrast with persistent heat and dryness farther east.

EASTERN FSU: Sunny skies encouraged early spring grain sowing in the north and cotton sowing in the south, though some showers across eastern Uzbekistan and environs boosted soil moisture and irrigation reserves.

MIDDLE EAST: Sunny and hot weather expanded across the region, though rain lingered in southeastern croplands.

EAST ASIA: Heavy showers in southern China supported rice, while unseasonable warmth in winter crop areas promoted development.

SOUTHEAST ASIA: Showers prevailed in southern portions of the region, while extreme heat plagued northern locales.

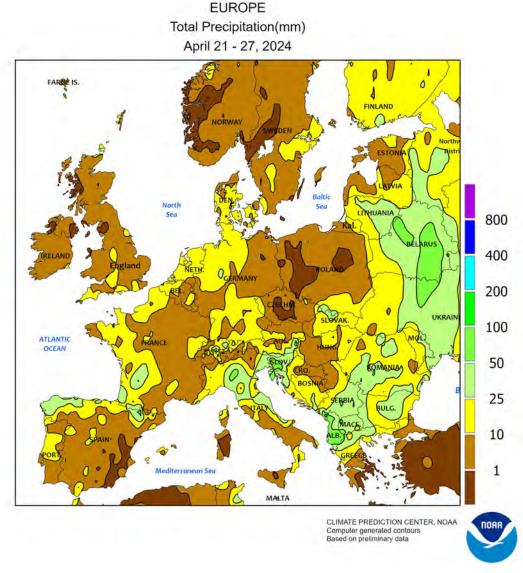
AUSTRALIA: Rain is needed in the south and west to promote winter crop planting and germination.

ARGENTINA: Scattered showers provided additional moisture for winter grain development in eastern farming areas.

BRAZIL: Dry, sunny weather dominated large sections of central Brazil.

MEXICO: Local showers helped to condition fields for planting corn and other rain-fed summer crops.



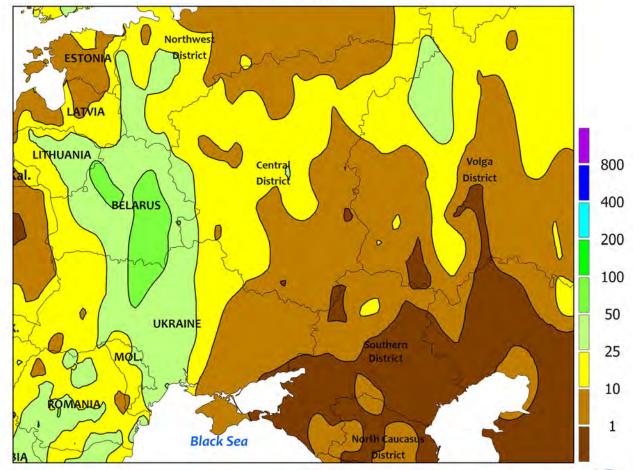


EUROPE

An untimely hard freeze overspread much of Europe, with additional showers in western and central growing areas transitioning to heavy rain in southeastern portions of the continent. Sharply colder weather (3-7°C below normal) overspread Europe, with hard freezes (-8 to -2°C) posing a threat to reproductive winter crops from central and eastern France eastward into Poland and environs. Similarly, the cold snap also impacted winter grains in northern portions of Spain and England; more information regarding the hard freeze can be found on page 29 of this week's *Bulletin*. Widespread albeit highly variable showers (2-55 mm) over much of western and central Europe maintained adequate to

locally abundant moisture supplies for winter grains and oilseeds. Conversely, dry weather in eastern Germany and Poland facilitated spring grain and summer crop planting, though moderate to heavy rain wrapping into the Baltic States (locally more than 40 mm) slowed fieldwork. Meanwhile, 10 to 55 mm of rainfall in the Balkans eased soil moisture deficits and improved prospects for reproductive winter crops, though the rain largely bypassed northern Serbia, eastern Croatia, and western Hungary. Similarly, moderate to heavy rain (locally more than 60 mm) in northern Italy boosted moisture supplies for reproductive winter grains and emerging summer crops.

WESTERN FSU Total Precipitation(mm) April 21 - 27, 2024



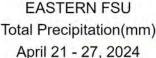
CLIMATE PREDICTION CENTER, NOAA Computer generated contours Based on preliminary data

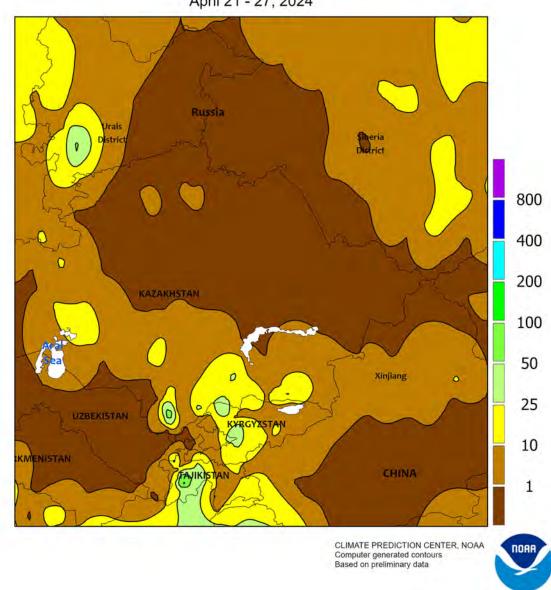


WESTERN FSU

Continued hot and dry weather across Russia and eastern Ukraine contrasted sharply with rainy and cooler conditions in western growing areas. Temperatures averaged 4 to 9°C above normal from southeastern Ukraine into Russia, accelerating winter crop growth but heightening soil moisture losses. In particular, daytime highs into the lower and middle 30s (degrees C) in southern Russia hastened winter wheat toward or into the heading 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,

with this week's isolated showers (5 mm or less) doing little to ease concerns over developing drought. However, spring grain and summer crop sowing proceeded without delay. Similar to previous weeks, moderate to heavy rain (10-70 mm) across Moldova, central and western Ukraine, Belarus, and northwestern Russia boosted moisture reserves for emerging spring grains in the north and late-vegetative winter crops in the south but curtailed fieldwork. The cloudy, showery weather in the west was accompanied by near- to belownormal temperatures (up to 4°C below normal in the far west).



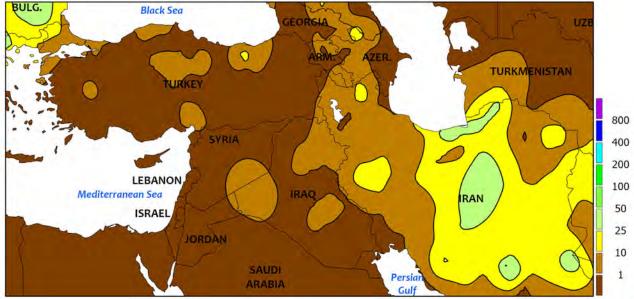


EASTERN FSU

Dry weather prevailed in the north, while showers in the eastern cotton belt gave way to drier, hotter conditions farther west. Mostly sunny skies across northern Kazakhstan and central Russia promoted early spring grain and summer crop sowing. Above-normal temperatures (up to 7°C above normal) in the western spring grain belt facilitated spring wheat and barley emergence, while chilly conditions (2-5°C below normal) lingered in eastern croplands. Farther south across the

Commonwealth of Independent States (CIS), dry and hot weather (up to 6°C above normal, highs reaching 35°C) in western portions of Uzbekistan and Turkmenistan accelerated cotton planting but hastened winter wheat through the reproductive stages of development. Conversely, additional rain and mountain snow (10-125 mm liquid equivalent) in eastern portions of the CIS boosted soil moisture for winter crops as well as irrigation supplies for cotton and other summer crops.

MIDDLE EAST Total Precipitation(mm) April 21 - 27, 2024



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

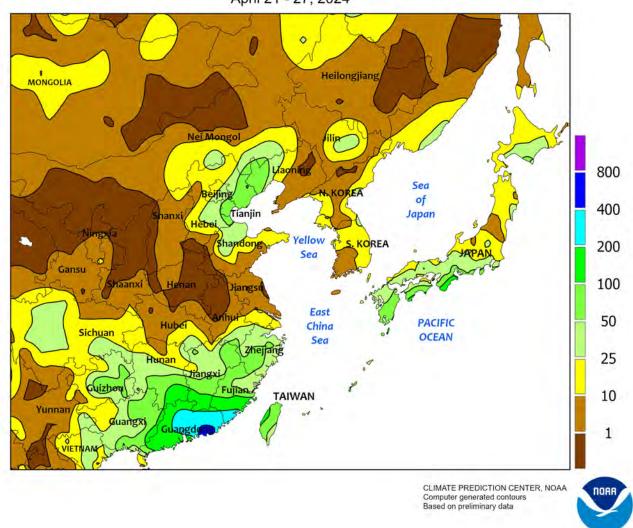


MIDDLE EAST

Lingering rain in southeastern Iran gave way to sunny skies and increasing heat across western and central growing areas. Early-week showers primarily associated with the previous week's slow-moving storm tallied 5 to 50 mm over much of central and southern Iran, further boosting moisture supplies for reproductive to filling winter grains. Conversely, dry and hot weather (3-7°C above normal) prevailed elsewhere, with daytime highs reaching into the

lower and middle 30s (degrees C) in Turkey and Syria. Even higher temperatures (36-41°C) were reported from the southeastern Mediterranean Coast into central and southern Iraq. The latest satellite-derived Vegetation Health Index (VHI) indicated good to excellent conditions across most of the region, but the recent turn to anomalous heat and dryness has likely trimmed yield prospects for reproductive (north) to filling (south) winter grains.

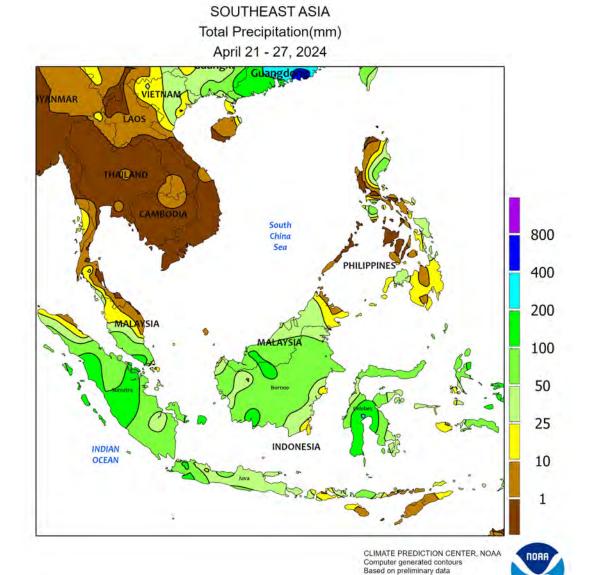
EASTERN ASIA Total Precipitation(mm) April 21 - 27, 2024



EASTERN ASIA

Daily showers in southern China further boosted moisture supplies for early-crop rice approaching reproduction. In some locales, rainfall totals topped 200 mm, with two-week totals nearing 400 mm. Rainfall became light (less than 25 mm) and more spotty into the Yangtze Valley where flowering rapeseed could benefit from additional moisture. Meanwhile, precipitation (10-50 mm) in wheat areas was limited to eastern- and northern-most portions of the North China Plain; spring rainfall has trended near normal, maintaining good soil

moisture for the crop now in reproductive stages of development. Furthermore, temperatures for the period across all winter crop areas were as much as 4°C above average, promoting crop development but increasing moisture requirements. Elsewhere, cotton sowing proceeded in western China, while corn and soybean planting activities expanded in the northeast under unseasonably mild conditions. Additionally, warmer-than-normal weather on the Korean peninsula and in Japan supported rice sowing.

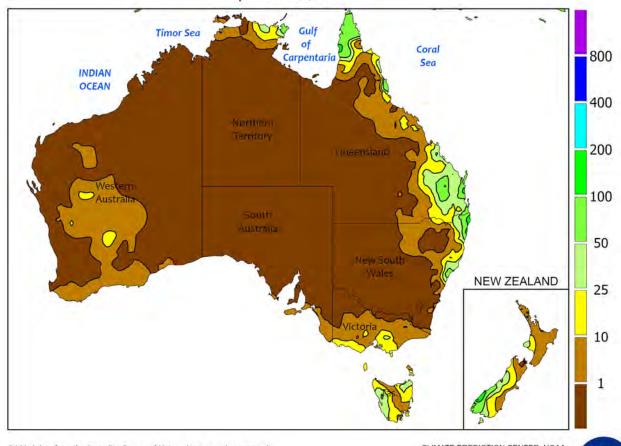


SOUTHEAST ASIA

Widespread showers continued across Indonesia and Malaysia, with most locales receiving 25 to 100 mm. The moisture continued to benefit seasonal rice as well as ease lingering moisture deficits for oil palm following poor rainfall in February and March. The Philippines experienced some improvement in precipitation, although amounts over 25 mm were spotty; year-to-date totals in key growing areas in the north continued to be half of normal,

lowering seasonal rice and corn yield prospects. Meanwhile, blistering heat (up to 44°C) plagued Thailand and some of the surrounding areas. While seasonal heat is common prior to the onset of the southwest monsoon, daytime temperatures were nearly 6°C above average. The excessive heat caused significant stress and possible yield loss to seasonal rice and other crops while also taxing irrigation supplies with evaporative losses.

AUSTRALIA Total Precipitation(mm) April 21 - 27, 2024



Gridded data from the Australian Bureau of Meteorology: www.bom.gov.au/ Creative Commons License found at; https://creativecommons.org/licenses/by/3.0/au/legalcode CLIMATE PREDICTION CENTER, NOAA Computer generated contours Based on preliminary data

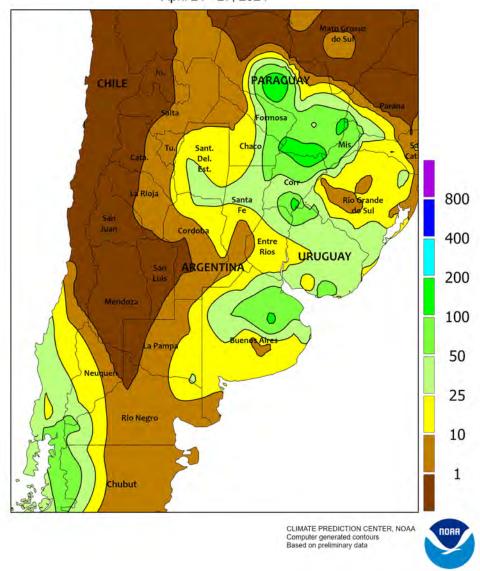


AUSTRALIA

After a wet start (10-50 mm, locally more) to the week, drier weather overspread southern Queensland, allowing cotton and sorghum harvesting and winter wheat planting to steadily regain momentum. Farther south, mostly dry weather prevailed across New South Wales and northern Victoria, enabling summer crop harvesting and early winter crop sowing to proceed without delay. A combination of sunny skies, mild temperatures, and average to above-average topsoil moisture favored germination of recently sown winter grains and oilseeds throughout eastern Australia. Elsewhere in the wheat

belt, dry weather persisted in South Australia and Western Australia. Farmers have reportedly been dry sowing winter crops, but some farmers are likely waiting for rain to arrive before planting. Regardless, more rain is needed in these states to help fill the soil moisture profile and to spur winter crop germination and emergence. Temperatures averaged 2 to 4°C below normal in South Australia and near to somewhat below normal (up to 2°C below normal) elsewhere in the wheat belt, with maximum temperatures generally in the lower to middle 20s (degrees C).

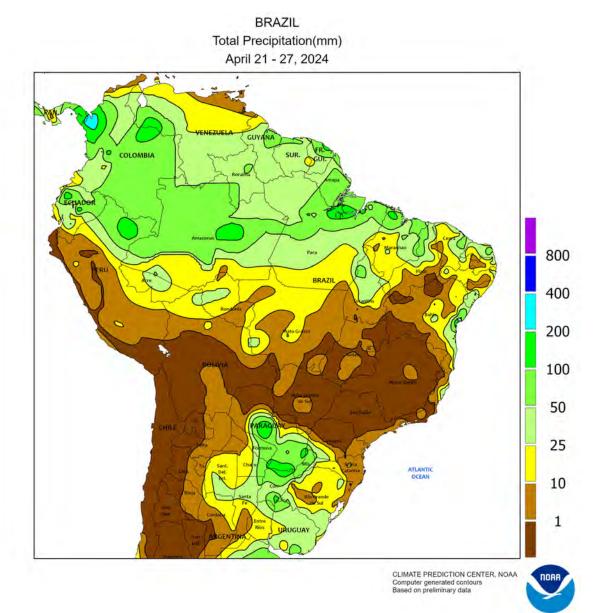
ARGENTINA
Total Precipitation(mm)
April 21 - 27, 2024



ARGENTINA

Lingering showers slowed summer crop harvesting but provided additional moisture for winter crop establishment. Moderate to heavy rainfall (25-100 mm, locally higher) continued over northern Buenos Aires and in northern locations in and around Corrientes and southern Paraguay. Lesser amounts were recorded elsewhere, particularly in western farming areas (notably Córdoba and Salta) that typically experience gradually drier conditions this time of year as the rainy season winds down. Weekly average temperatures ranged from 1 to 2°C

below normal in southern farming areas to as much as 5° C above normal in the far north, with nighttime lows dropping near freezing in southern-most production areas in La Pampa and Buenos Aires. Daytime highs reaching the middle and upper 30s (degrees C) hastened maturation and drydown of summer crops – including cotton – in northern farming areas. According to the government of Argentina, corn and soybeans were both 23 harvested, respectively, as of April 25, and cotton was 14 percent harvested.

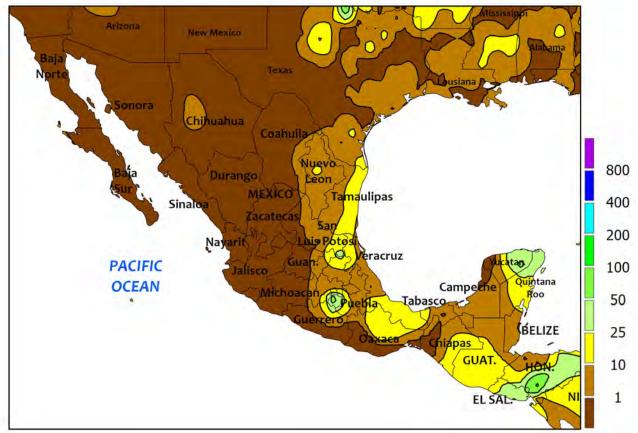


BRAZIL

Warm, sunny weather promoted rapid development of corn and cotton in key production areas of central Brazil. No rain fell from Mato Grosso do Sul and central Paraná northward into Bahia, including most of Goiás and neighboring sections of Mato Grosso, with highest temperatures reaching the middle 30s (degrees C) daily. In contrast, variable showers (10-50)

mm) benefited immature crops in the far northern (Maranhão and environs) and southern (Rio Grande do Sul and southern Paraná) production areas. According to the government of Paraná, over 80 percent of the second corn crop had flowered as of April 22, while harvesting of both first-crop corn (97 percent) and soybeans (99 percent) was nearing completion.

MEXICO Total Precipitation(mm) April 21 - 27, 2024



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



MEXICO

Scattered showers provided timely moisture for germination of rain-fed summer crops in eastern farming areas. Rain was widely scattered and light, however, with few locations recording more than 10 mm, and heavier, more widespread rain will be needed soon. This is particularly true for eastern summer crop areas on the southern plateau (Jalisco to Puebla)

and along the Gulf Coast, which have entered the summer growing season in varying degrees of drought. Warm, sunny weather prevailed elsewhere, with high temperatures reaching 40°C in some of the warmer locations in the north and southeast, prompting rapid maturation of winter grains and other winter-grown crops.

Untimely European Hard Freeze Follows Record-Shattering Warmth

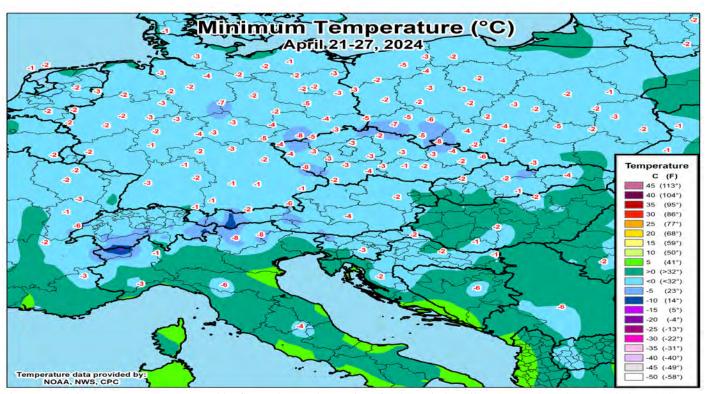


Figure 1: Minimum temperatures reported by first-order weather stations for the period April 21-27, 2024. Values at or below -1°C are plotted. Temperatures reached as low as -8°C in eastern Germany, western Poland, and the western Czech Republic.

Synopsis: Following record-shattering warmth which hastened winter crops into reproduction two to four weeks ahead of average, an ensuing and very untimely hard freeze impacted many primary growing areas.

An untimely hard freeze in Europe followed persistent, at times record-shattering warmth, adversely impacting winter grains and oilseeds. As seen in Figure 1, minimum temperatures during the monitoring period dropped below -2°C across central and northeastern growing areas, with numerous readings at or below -5°C across portions of Germany, Poland, and the Czech Republic. Hard freezes (-2°C or lower) were also noted in parts of Spain, France, and England.

The cold snap was not just widespread but long lasting. The first round of spotty freezes arrived on or about April 19 but intensified and expanded on the 21st before finally relenting on April 28. The freeze coincided with winter grains and oilseeds in the reproductive stages of development, with flowering rapeseed the most susceptible to deleterious impacts. In particular, Poland's rapeseed areas were subjected to six consecutive days with minimum temperatures at or below -2°C, with a low of -7°C notched on April 23.

The effects of the sharp cold snap were heightened by the record-shattering warmth which prevailed over Europe for much of the winter and early spring. Average temperatures from February 1 through April 21 were by far the warmest on record in nearly all of the continent's primary growing areas. Anomlaies were most pronounced across the eastern half of the region, where numerous daily record highs were set and

temperatures during the aforementioned timeframe averaged 3 to 5°C above normal (see Figure 2). As a result, winter grains and oilseeds reached the freeze-sensitive flowering stage two to four weeks ahead of normal.

The extent of the freeze's impacts will not be known for weeks or months. However, there was likely burnback or winterkill to rapeseed and — to a lesser extent — wheat and barley.

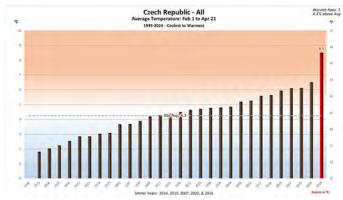
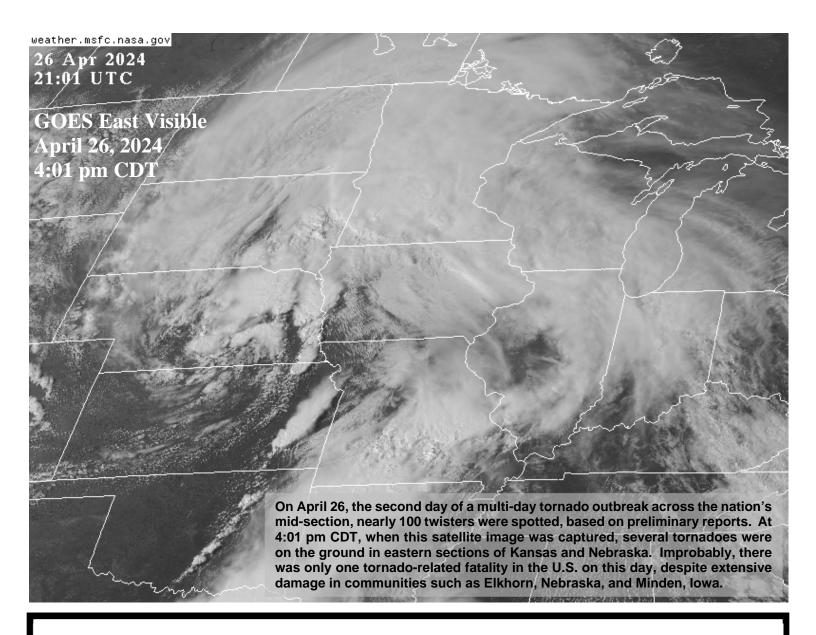


Figure 2: Average temperature (°C) for the period February 1 – April 21 from 1995 to 2024, for the Czech Republic, from coolest to warmest. This chart is representative of nearly all European croplands.



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