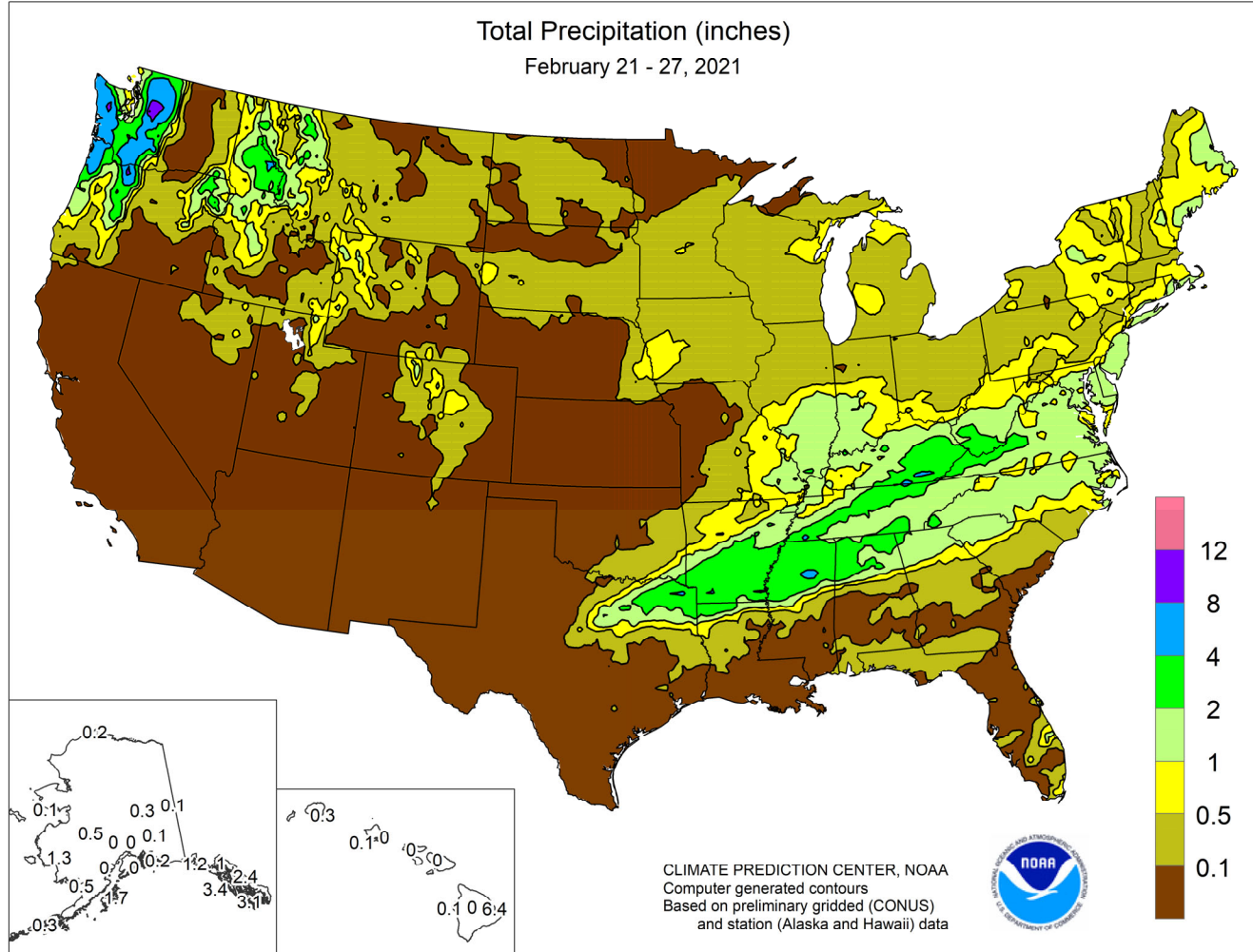


WEEKLY WEATHER AND CROP BULLETIN

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

February 21 – 27, 2021

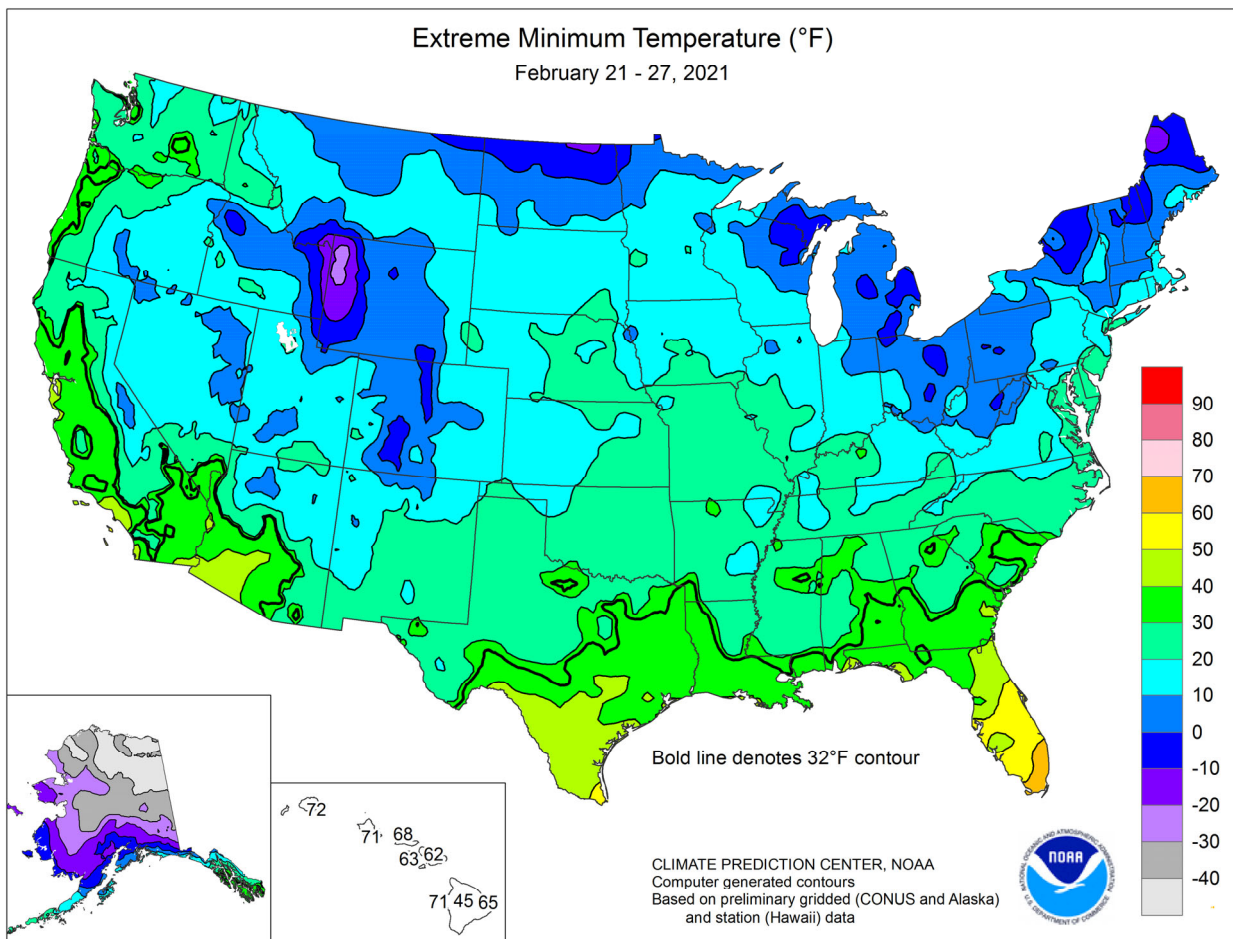
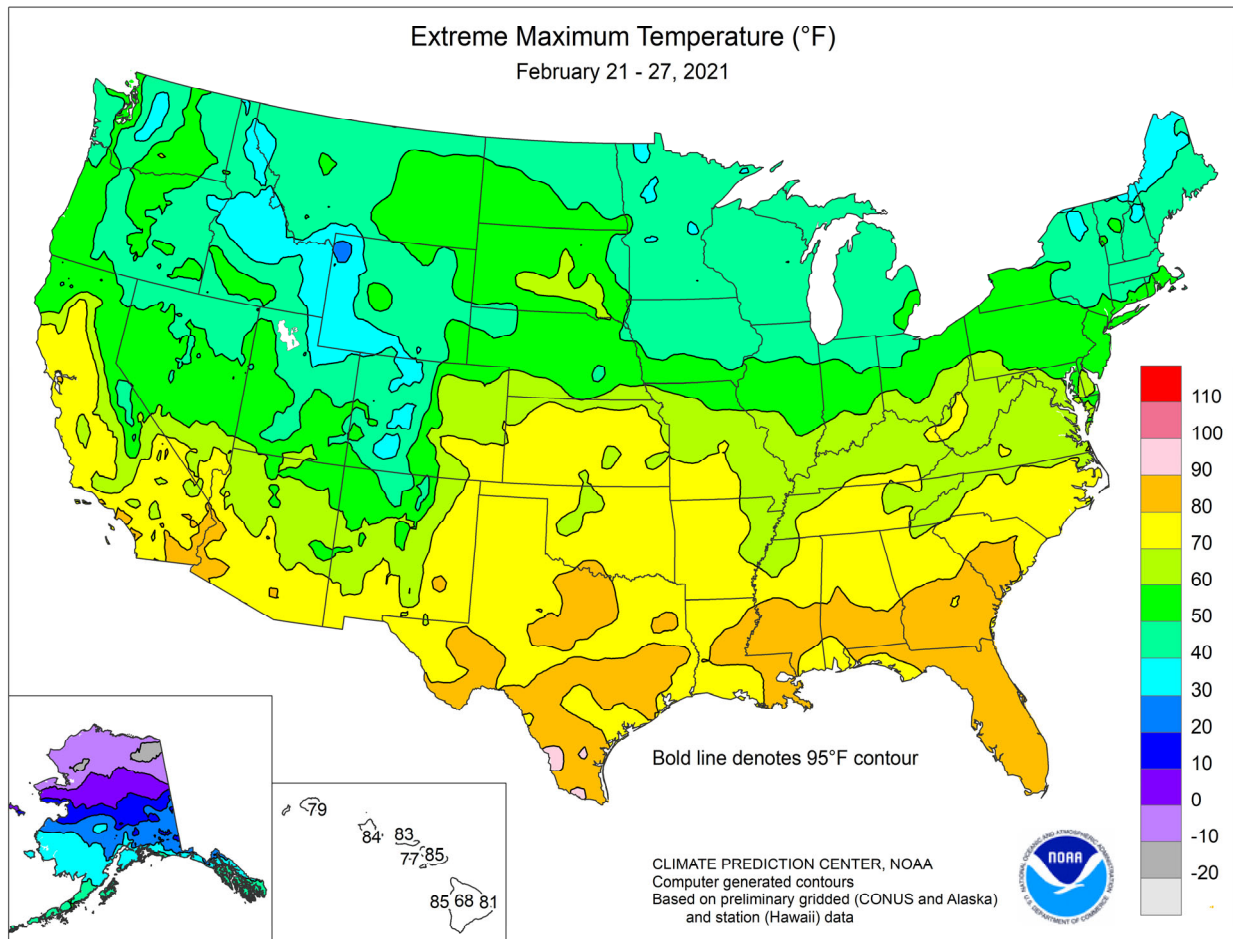
Highlights provided by USDA/WAOB

Following 2 weeks of extreme weather, a sudden return to normalcy allowed cold- and storm-recovery efforts—including repair of broken water pipes—to commence in the hardest-hit areas. Notably, **Texas** experienced several days of dry weather and a quick bounce to above-normal temperatures. In fact, near- or above-normal weekly temperatures dominated the **central and eastern U.S.**, with readings averaging at least 10°F above normal across parts of the **northern Plains** and **upper Midwest**. In contrast, cool conditions across the **Intermountain West**

Contents

Extreme Maximum & Minimum Temperature Maps	2
Temperature Departure Map	3
February 23 Drought Monitor & U.S. Monthly Drought Outlook	4
National Weather Data for Selected Cities	5
International Weather and Crop Summary & February Temperature/Precipitation Table	8
Bulletin Information & Snow Cover Map	18

(Continued on page 3)



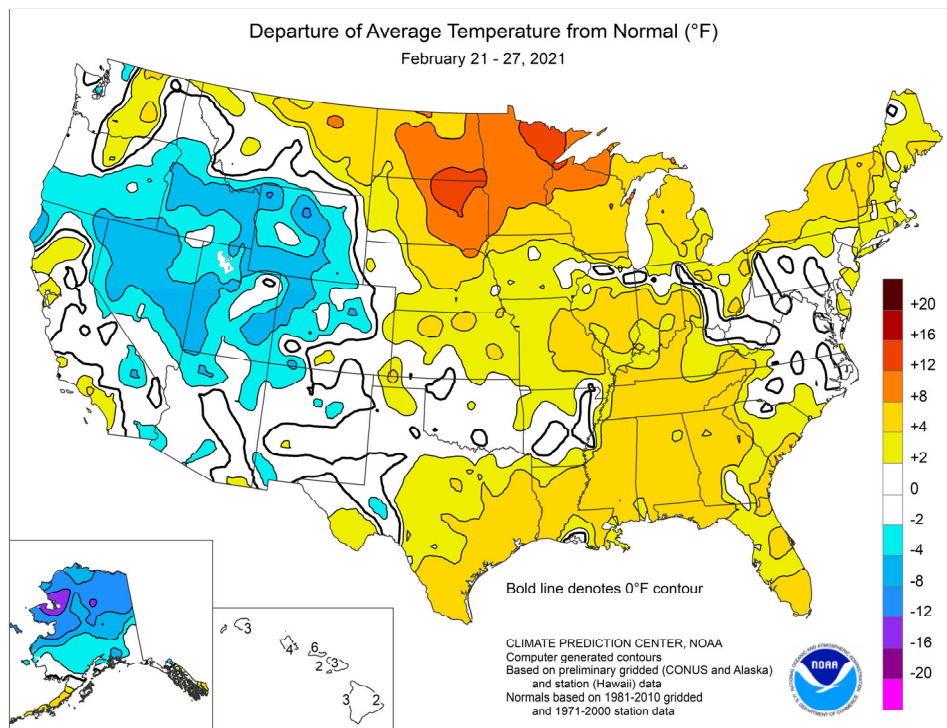
(Continued from front cover)

held temperatures more than 5°F below normal in numerous locations. As bitterly cold air quickly retreated, sub-zero temperatures were generally confined to the **Rockies** and the **nation's northern tier**. Late in the week, wet weather developed across the **interior South**. During the last weekend in February, moderate to major flooding developed along the **Kentucky River** and several tributaries, while minor flooding extended across a much larger area from **northeastern Texas to the central Appalachians**.

Late-February precipitation also fell in parts of the **Northeast** and **Northwest**, but other areas of the country were mostly dry. Meanwhile, extensive melting reduced national snow coverage (across the **Lower 48 States**) from more than 70 percent from February 15-19 to 30 percent by February 27. Lack of late-winter precipitation across the **southern two-thirds of the western U.S.** has contributed to the likelihood of poor runoff prospects and future water-supply shortages. According to the *U.S. Drought Monitor*, late-February coverage of extreme to exceptional drought (D3 to D4) ranged from 75 to 90 percent in **Arizona, Nevada, New Mexico, and Utah**.

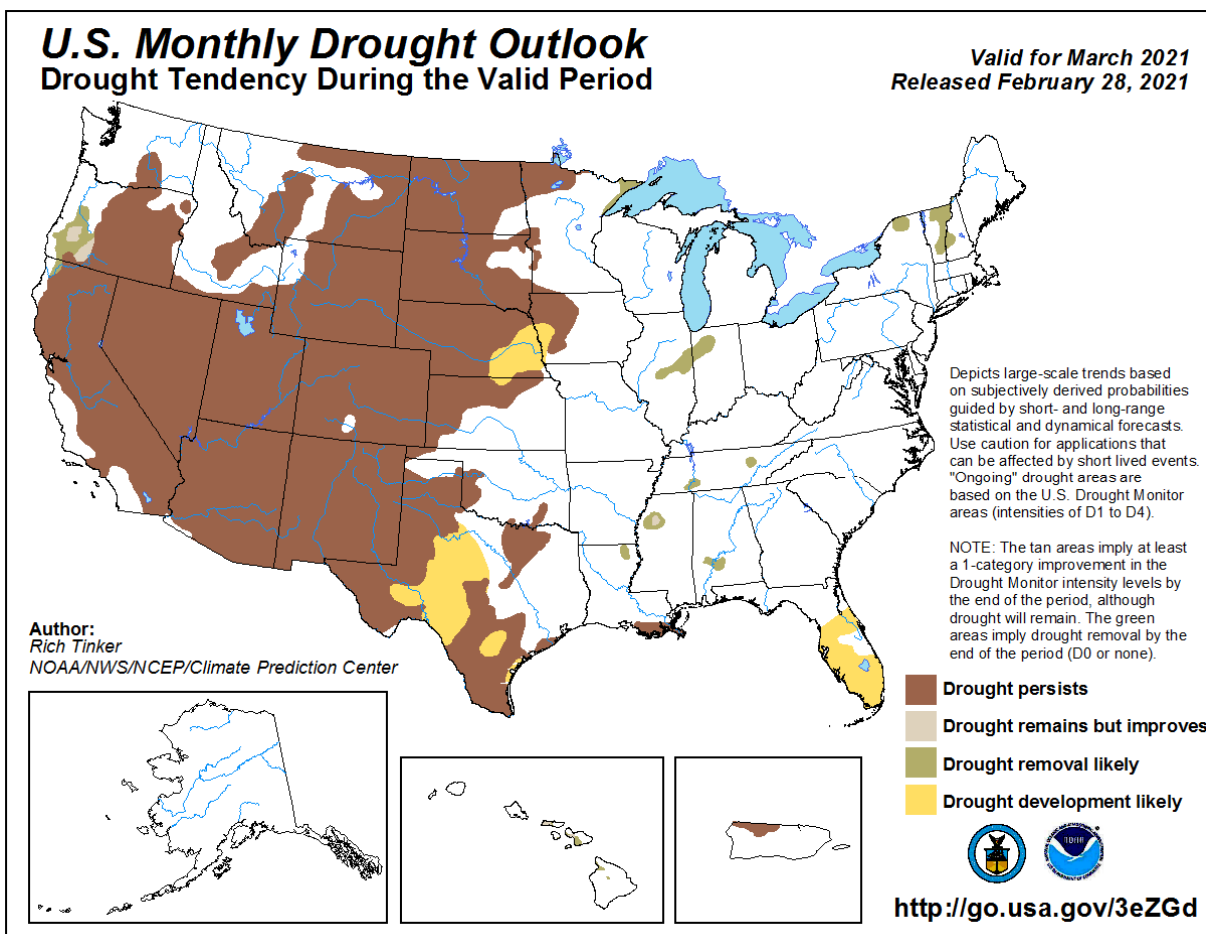
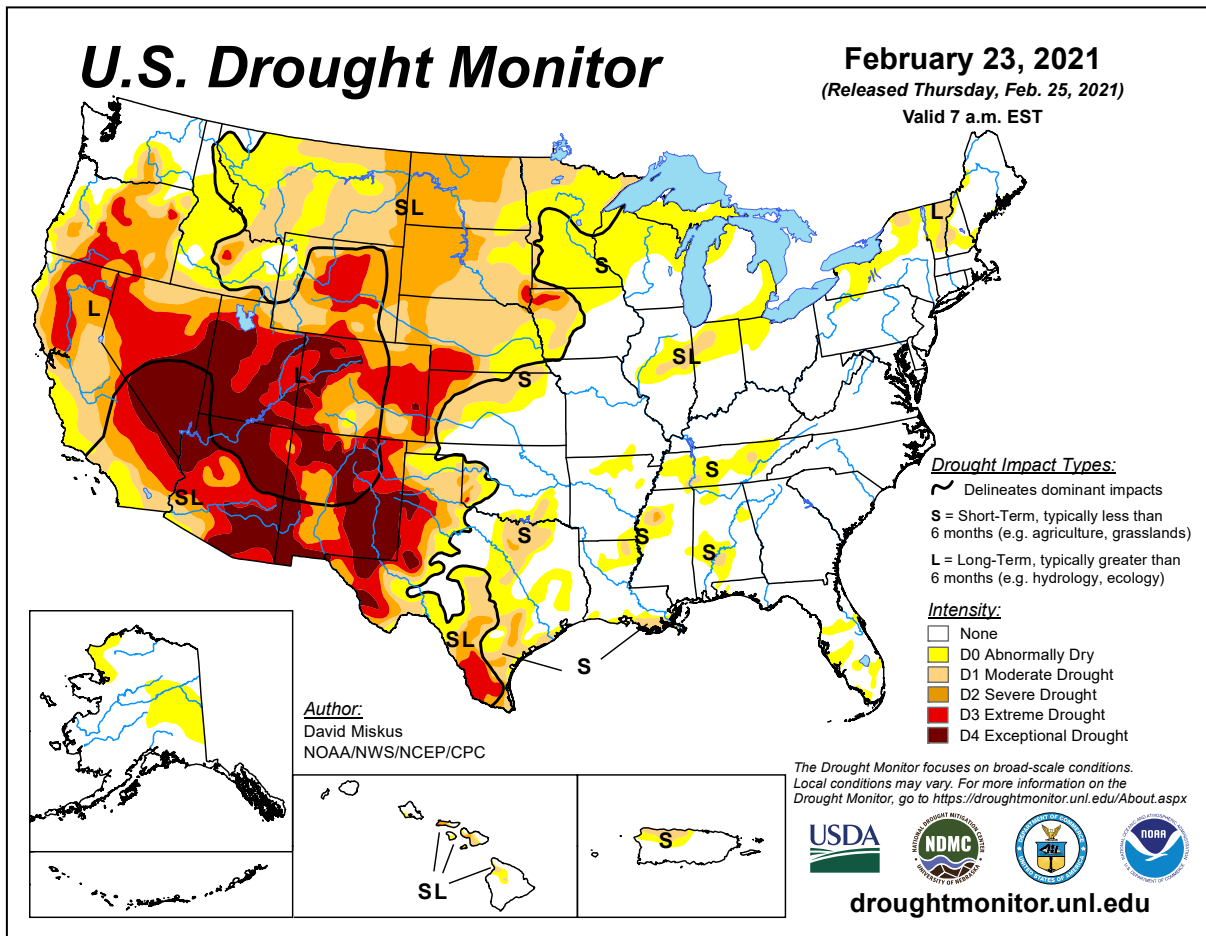
Early in the week, lingering effects of the brutal cold outbreak across the **central U.S.** continued to wane. Still, sub-zero temperatures were reported across the **lower Great Lakes region** as late as February 21. On that date, lows dipped to -1°F in **Toledo, OH**, and -4°F in **Flint, MI**; neither were daily records. Meanwhile in **Arkansas**, lingering daily-record lows on February 21 dipped to 16°F in **Little Rock** and **Pine Bluff**. Three days earlier, on February 18, all-time snow depth records had been tied in **Little Rock** (15 inches, tying January 21, 1918) and broken in **Pine Bluff** (18 inches; previously, 14 inches on March 17, 1892). Farther west, mild, windy weather developed across the **northern Plains**. **Aberdeen, SD**, collected a daily-record high of 60°F on February 22. In **Montana**, **Cut Bank** clocked wind gusts above 70 mph on February 21, 22, and 25, with a peak of 80 mph on the first day of the high-wind event. Warm weather also developed across **California**, where record-setting highs for February 23 included 81°F in **Santa Rosa** and 76°F in **Sacramento**. During the second half of the week, colder air settled across the **Intermountain West**, while record-setting warmth overspread the **Southeast**. On February 25, **Big Piney, WY**, tallied a daily-record low of -14°F. Later, record-setting highs for February 27 reached 88°F in **Naples, FL**, and 86°F in **Savannah, GA**.

Although no additional snow fell after February 18, **Little Rock, AR**, completed its snowiest month on record (20.3 inches; previously, 20.0 inches in January 1918). With a monthly sum of 18.5 inches, **Pine Bluff, AR**, had its snowiest February (previously, 12.5 inches in 1985). It was also **Pine Bluff's** second-snowiest month on record, behind only 20.5 inches in January 1966. February 14-17 snowfall totals of 16.0 inches in **Texarkana, AR**, and 9.5 inches in **Tyler, TX**, resulted in February records; previous marks had been 7.0 inches in 1966 and 7.7 inches in 2010, respectively. Combined with snow that fell on January 10-11, **Texarkana** (16.2 inches) and **Tyler** (14.0 inches) also achieved seasonal snowfall records, previously set with



totals of 13.4 inches in 1965-66 and 13.5 inches in 1929-30, respectively. February snowfall records were broken in many other **Southern** locations, including **El Dorado, AR** (11.0 inches); **Longview, TX** (10.0 inches); and **Shreveport, LA** (6.3 inches). In **Little Rock**, the snow depth was reduced to zero by February 23, when the high temperature reached 74°F. The temperature in **Dallas-Fort Worth, TX**, rose to 81°F on February 23, exactly a week after plunging to -2°F—the lowest reading in that location in more than 72 years. Late in the week, heavy showers erupted across the **mid-South**, where record-setting amounts for February 26 totaled 2.06 inches in **Pine Bluff, AR**, and 2.05 inches in **Greenwood, MS**. In fact, **Pine Bluff** received 4.49 inches during the last 4 days of February. Meanwhile in **Kentucky**, February 26-28 rainfall totaled 6.32 inches in **London**, 6.00 inches in **Bowling Green**, and 5.04 inches in **Jackson**. More details on the **Southern** downpours, which peaked on February 28, as well as subsequent flooding, will appear next week.

Cold air remained entrenched across the **northern two-thirds of Alaska**, while mild weather graced the **state's southern tier**. **Kodiak** logged a daily-record high of 46°F on February 26. In the **Aleutians**, **Cold Bay** posted consecutive daily-record highs (48 and 50°F, respectively) on February 24-25. In contrast, temperatures in **Utqiagvik** remained below 0°F throughout an entire month for the first time since February 2013. **Utqiagvik's** highest temperature in February 2021 was -1°F on the 6th and 13th. On February 22, **Fairbanks** (-42°F) noted a reading below the minus-40-degree mark for the first time since March 5, 2020. Late in the week, some heavy precipitation developed across **southeastern Alaska**, where February 27 totals included 1.89 inches in **Ketchikan** and 1.45 inches (a record for the date) in **Sitka**. Farther south, heavy showers dotted **Hawaii's** windward locations. On the **Big Island**, **Hilo** received 9.61 inches during the last 4 days of the month, aided by a daily-record sum of 4.26 inches on February 27. **Hilo's** monthly total reached 13.13 inches, 137 percent of normal. Meanwhile, warmth covered the **Hawaiian Islands**, with **Honolulu, Oahu**, reporting a daily record-tying high of 85°F on February 22.



National Weather Data for Selected Cities

Weather Data for the Week Ending February 27, 2021

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE DEC 1	PCT. NORMAL SINCE DEC 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	
AK	ANCHORAGE	24	12	29	0	18	-4	0.31	0.15	0.12	3.03	117	1.58	108	90	68	0	7	6	0	
	BARROW	-15	-27	-4	-42	-21	0	0.18	0.13	0.10	1.31	271	0.57	180	77	67	0	7	3	0	
	FAIRBANKS	6	-14	18	-38	-4	-6	0.40	0.30	0.18	1.40	85	1.17	116	81	69	0	7	4	0	
	JUNEAU	37	32	41	28	35	4	1.89	0.87	0.69	22.74	149	9.84	105	89	72	0	3	7	2	
	KODIAK	39	26	46	14	33	2	1.65	0.21	1.30	30.43	132	17.38	122	82	59	0	4	3	1	
	NOME	6	-9	15	-19	-2	-10	0.11	-0.12	0.09	2.44	81	1.13	59	76	56	0	7	2	0	
AL	BIRMINGHAM	72	44	77	31	58	8	0.18	-1.00	0.13	10.65	77	6.86	74	78	31	0	1	2	0	
	HUNTSVILLE	67	41	74	28	54	6	1.81	0.56	1.44	11.93	77	7.34	76	88	44	0	2	3	1	
	MOBILE	73	46	79	31	60	4	0.12	-1.18	0.06	9.60	61	5.03	47	98	49	0	2	3	0	
	MONTGOMERY	75	44	81	31	60	7	0.11	-1.20	0.11	7.05	48	5.17	53	86	36	0	1	1	0	
AR	FORT SMITH	61	38	76	30	49	2	0.22	-0.50	0.17	7.08	81	3.43	63	88	49	0	2	3	0	
	LITTLE ROCK	59	37	74	16	48	1	1.85	0.85	1.36	11.04	91	6.29	89	91	52	0	2	4	1	
AZ	FLAGSTAFF	49	18	55	13	33	0	0.00	-0.56	0.00	4.78	79	4.44	107	74	19	0	7	0	0	
	PHOENIX	74	47	81	44	60	-1	0.00	-0.26	0.00	0.89	32	0.44	23	35	10	0	0	0	0	
	PRESCOTT	58	25	64	22	42	-1	0.00	-0.38	0.00	1.98	57	1.91	77	57	13	0	7	0	0	
	TUCSON	74	40	81	34	57	1	0.00	-0.21	0.00	0.96	34	0.71	38	27	6	0	0	0	0	
CA	BAKERSFIELD	68	42	73	38	55	0	0.00	-0.31	0.00	1.39	40	1.05	44	60	21	0	0	0	0	
	EUREKA	51	37	53	32	44	-5	0.00	-1.40	0.00	12.79	63	8.99	75	97	76	0	1	0	0	
	FRESNO	67	42	70	39	54	1	0.00	-0.51	0.00	4.78	80	3.65	87	76	26	0	0	0	0	
	LOS ANGELES	72	49	80	47	60	3	0.00	-0.81	0.00	3.53	44	1.90	32	81	17	0	0	0	0	
	REDDING	61	42	70	33	51	0	0.00	-1.16	0.00	8.46	49	6.11	56	56	26	0	0	0	0	
	SACRAMENTO	67	41	75	35	54	2	0.00	-0.84	0.00	4.95	48	3.41	49	71	22	0	0	0	0	
	SAN DIEGO	72	49	81	46	60	2	0.00	-0.59	0.00	2.49	43	1.89	45	80	24	0	0	0	0	
	SAN FRANCISCO	67	48	76	45	57	3	0.00	-0.99	0.00	5.45	44	4.08	50	79	28	0	0	0	0	
	STOCKTON	68	39	76	36	54	1	0.00	-0.61	0.00	6.70	90	4.91	94	74	26	0	0	0	0	
CO	ALAMOSA	45	14	55	9	29	3	0.00	-0.08	0.00	0.87	87	0.50	83	84	23	0	7	0	0	
	CO SPRINGS	45	21	65	14	33	-1	0.26	0.15	0.21	1.94	173	1.42	194	73	30	0	7	2	0	
	DENVER INTL	45	18	63	13	31	-3	0.43	0.33	0.28	1.52	124	1.01	121	80	33	0	7	2	0	
	GRAND JUNCTION	48	19	53	16	33	-5	0.00	-0.16	0.00	0.98	58	0.67	61	72	17	0	7	0	0	
	PUEBLO	56	23	74	17	39	3	0.19	0.09	0.19	1.20	105	1.04	144	81	20	0	7	1	0	
CT	BRIDGEPORT	44	30	50	19	37	3	1.07	0.31	0.54	9.46	104	5.42	94	84	49	0	4	2	2	
	HARTFORD	42	25	48	15	33	2	0.62	-0.12	0.35	10.43	111	5.65	94	80	48	0	7	2	0	
DC	WASHINGTON	52	34	60	25	43	2	0.71	0.06	0.41	10.32	123	5.60	104	84	42	0	4	3	0	
DE	WILMINGTON	47	29	57	18	38	1	0.69	0.02	0.30	10.35	114	5.20	93	83	44	0	6	3	0	
FL	DAYTONA BEACH	77	53	84	49	65	4	0.11	-0.63	0.11	4.72	59	4.16	77	89	43	0	0	1	0	
	JACKSONVILLE	77	46	85	38	62	3	0.04	-0.81	0.04	9.40	103	7.86	124	98	43	0	0	1	0	
	KEY WEST	81	72	84	67	77	5	0.39	-0.04	0.37	2.84	49	1.40	40	87	65	0	0	2	0	
	MIAMI	82	70	86	64	76	5	0.21	-0.35	0.13	4.96	85	3.39	89	88	58	0	0	4	0	
	ORLANDO	80	55	87	50	68	4	0.00	-0.62	0.00	3.87	53	2.83	61	90	43	0	0	0	0	
	PENSACOLA	75	57	81	46	66	10	0.05	-1.24	0.05	10.47	74	5.69	59	89	51	0	0	1	0	
	TALLAHASSEE	75	46	82	30	61	4	0.22	-1.15	0.22	13.43	104	10.31	114	97	47	0	1	1	0	
	TAMPA	80	59	85	51	69	5	0.05	-0.61	0.05	7.21	97	4.54	92	85	43	0	0	1	0	
	WEST PALM BEACH	82	69	85	63	75	6	0.08	-0.69	0.07	5.14	56	2.89	49	86	56	0	0	2	0	
GA	ATHENS	68	41	79	32	55	5	0.29	-0.83	0.21	10.34	85	7.32	87	77	29	0	1	2	0	
	ATLANTA	68	44	75	33	56	6	0.17	-0.99	0.13	9.52	75	7.25	83	78	32	0	0	2	0	
	AUGUSTA	73	38	84	27	56	5	0.10	-0.93	0.10	14.35	129	11.25	146	95	33	0	1	1	0	
	COLUMBUS	73	43	80	30	58	5	0.17	-0.99	0.12	11.32	91	8.21	101	89	36	0	1	2	0	
	MACON	75	40	82	26	57	5	0.08	-1.02	0.08	9.79	78	7.53	88	89	37	0	1	1	0	
	SAVANNAH	77	45	86	32	61	6	0.00	-0.72	0.00	7.71	83	5.99	94	91	37	0	1	0	0	
HI	HILO	80	67	81	65	73	2	6.36	3.83	3.17	39.98	133	25.70	139	88	62	0	0	7	4	
	HONOLULU	83	72	84	71	78	5	0.29	-0.25	0.29	5.02	67	4.72	112	77	47	0	0	1	0	
	KAHULUI	83	67	85	62	75	3	0.00	-0.46	0.00	4.42	55	4.27	91	81	47	0	0	0	0	
	LIHUE	78	73	79	72	75	3	0.28	-0.53	0.28	7.37	61	5.33	79	82	68	0	0	1	0	
IA	BURLINGTON	45	27	55	21	36	3	0.05	-0.44	0.05	3.55	72	1.73	62	93	59	0	7	1	0	
	CEDAR RAPIDS	37	20	42	15	29	1	0.10	-0.26	0.10	1.59	44	0.93	43	94	70	0	7	1	0	
	DES MOINES	44	25	53	22	35	4	0.24	-0.14	0.24	3.30	89	1.38	61	88	56	0	7	1	0	
	DUBUQUE	37	21	41	14	29	2	0.18	-0.23	0.18	3.11	70	1.84	72	92	67	0	7	1	0	
	SIOUX CITY	43	20	47	6	31	3	0.40	0.18	0.40	2.13	102	1.77	140	92	61	0	7	1	0	
	WATERLOO	39	20	44	14	29	3	0.34	0.06	0.33	2.89	95	2.06	113	90	65	0	7	2	0	
ID	BOISE	44	28	51	24	36	-3	0.04	-0.22	0.02	3.57	94	3.01	136	84	43	0	6	2	0	
	LEWISTON	46	34	52	30	40	0	0.23	0.02	0.10	2.80	97	2.17	116	81	47	0	2	4	0	
	POCATELLO	36	23	43	17	30	-1	0.05	-0.22	0.05	2.36	73	1.96	99	80	53	0	7	1	0	
IL	CHICAGO/O'HARE	43	28	52	17	36	5	0.28	-0.25	0.26	4.85	85	2.30	66	84	52	0	5	2	0	
	MOLINE	44	24	50	10	34	3	0.15	-0.34	0.15	5.91	113	3.15	103	85	57	0	6	1	0	
	PEORIA	47	28	58	21	38	5	0.09	-0.43	0.05	5.46	92	4.22	121	89	52	0	6	2	0	
	ROCKFORD	41	25	45	16	33	4	0.16	-0.26	0.16	4.47	95	2.73	100	81	56	0	6	1	0	
	SPRINGFIELD	50	28	58	24	39	5	0.04	-0.47	0.04	5.07	83	4.02	113	91	48	0	7	1	0	
	EVANSVILLE	54	35	65	24	44	5	0.35	-0.41	0.20	7.41	75	5.43	88	82	44	0	1	4	0	

Weather Data for the Week Ending February 27, 2021

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE DEC 1	PCT. NORMAL SINCE DEC 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	57	28	69	22	42	3	0.02	-0.31	0.02	4.54	142	2.89	145	84	40	0	6	1	0	
	LEXINGTON	51	33	65	19	42	3	0.48	-0.34	0.23	10.10	99	7.53	120	87	48	0	3	3	0	
	LOUISVILLE	55	36	68	21	46	4	0.24	-0.56	0.16	8.63	85	6.16	98	83	41	0	1	3	0	
LA	PADUCAH	56	35	63	18	46	4	0.47	-0.52	0.27	9.69	80	7.15	95	86	45	0	1	3	0	
	BATON ROUGE	76	48	85	32	62	4	0.00	-1.07	0.00	11.57	76	7.35	68	93	44	0	1	0	0	
	LAKE CHARLES	75	50	80	36	63	6	0.00	-0.79	0.00	9.17	69	4.80	56	99	53	0	0	0	0	
MA	NEW ORLEANS	76	53	83	41	64	6	0.00	-1.22	0.00	10.63	68	6.61	64	90	47	0	0	0	0	
	SHREVEPORT	73	43	82	32	58	5	0.46	-0.68	0.23	13.78	101	5.74	65	85	46	0	1	3	0	
	BOSTON	43	28	50	19	36	2	0.31	-0.55	0.16	8.44	82	4.97	77	81	46	0	5	2	0	
MD	WORCESTER	41	26	46	15	33	4	0.59	-0.23	0.31	15.94	153	9.89	151	74	46	0	6	2	0	
	BALTIMORE	51	30	63	19	40	3	0.78	0.04	0.43	10.41	113	5.90	101	81	38	0	6	3	0	
	CARIBOU	32	9	41	-3	20	3	0.80	0.22	0.41	6.17	76	3.76	78	84	46	0	7	5	0	
MI	PORTLAND	40	20	47	11	30	3	1.13	0.26	0.64	8.78	83	4.81	74	87	48	0	7	2	1	
	ALPENA	39	19	48	-1	29	7	0.26	-0.12	0.11	2.67	57	1.43	48	94	53	0	7	4	0	
	GRAND RAPIDS	40	23	45	3	31	3	0.36	-0.15	0.16	4.74	75	2.66	70	93	58	0	6	4	0	
MN	HOUGHTON LAKE	37	18	43	0	28	5	0.16	-0.20	0.10	3.62	83	1.87	69	91	55	0	7	5	0	
	LANSING	41	23	50	6	32	4	0.23	-0.19	0.08	4.96	100	2.93	95	89	55	0	6	4	0	
	MUSKEGON	39	24	43	9	32	3	0.35	-0.15	0.14	5.52	87	3.13	82	89	58	0	6	4	0	
MO	TRAVERSE CITY	41	23	50	11	32	8	0.06	-0.33	0.03	1.35	20	0.70	16	88	51	0	6	3	0	
	DULUTH	37	24	42	17	31	13	0.15	-0.11	0.12	1.82	61	1.00	56	86	51	0	7	2	0	
	INT_L FALLS	37	19	46	6	28	14	0.06	-0.11	0.03	1.54	77	0.69	59	88	54	0	7	3	0	
MS	MINNEAPOLIS	38	25	47	18	32	8	0.07	-0.18	0.06	1.98	69	1.24	73	91	55	0	7	2	0	
	ROCHESTER	35	21	41	16	28	0	0.37	0.13	0.37	1.80	61	1.67	97	93	69	0	7	1	0	
	ST. CLOUD	37	21	42	15	29	9	0.15	-0.05	0.08	1.36	65	0.91	74	94	61	0	7	2	0	
MT	COLUMBIA	54	30	67	24	42	5	0.21	-0.39	0.20	4.80	73	4.16	102	87	40	0	5	2	0	
	KANSAS CITY	55	29	69	25	42	5	0.01	-0.39	0.01	4.25	105	3.00	120	88	41	0	6	1	0	
	SAINT LOUIS	56	33	66	27	44	5	0.17	-0.39	0.16	6.58	89	5.00	110	80	37	0	3	2	0	
NC	SPRINGFIELD	55	31	71	27	43	3	0.39	-0.30	0.35	6.64	84	5.15	105	88	40	0	4	3	0	
	JACKSON	75	43	82	27	59	7	0.06	-1.10	0.06	10.56	71	5.56	58	88	40	0	2	1	0	
	MERIDIAN	75	42	82	26	58	8	0.00	-1.36	0.00	11.24	71	7.63	72	87	33	0	2	0	0	
ND	TUPELO	68	41	76	24	55	6	2.16	0.81	1.71	13.41	86	8.36	90	89	42	0	2	4	1	
	BILLINGS	41	25	53	19	33	1	0.19	0.05	0.15	1.65	111	1.30	133	71	39	0	6	3	0	
	BUTTE	33	11	44	-6	22	-2	0.09	-0.03	0.05	0.97	67	0.87	94	82	42	0	6	3	0	
NE	CUT BANK	35	20	44	8	27	2	0.00	-0.07	0.00	0.34	46	0.13	28	89	53	0	7	0	0	
	GLASGOW	41	22	50	13	32	10	0.00	-0.09	0.00	0.20	18	0.19	27	82	43	0	6	0	0	
	GREAT FALLS	38	23	51	10	30	2	0.07	-0.06	0.03	0.99	64	0.89	90	78	41	0	6	3	0	
NH	HAVRE	37	22	44	7	30	5	0.32	0.23	0.22	0.91	80	0.83	120	83	61	0	6	3	0	
	MISSOULA	38	24	47	18	31	-1	0.35	0.16	0.20	2.15	81	1.72	110	96	57	0	6	5	0	
	ASHEVILLE	61	33	71	22	47	5	1.02	0.08	0.66	11.38	104	7.38	101	91	34	0	2	3	1	
NJ	CHARLOTTE	61	35	73	29	48	3	0.95	0.06	0.52	11.85	120	8.92	135	87	41	0	3	3	1	
	GREENSBORO	57	33	69	22	45	0	1.26	0.46	0.81	13.33	151	9.36	159	87	38	0	3	3	1	
	HATTERAS	57	42	63	30	49	2	0.75	-0.26	0.40	20.72	154	14.05	153	93	62	0	1	3	0	
NM	RALEIGH	60	35	72	22	47	1	1.13	0.28	0.60	16.63	173	11.06	168	92	44	0	2	3	1	
	WILMINGTON	67	42	82	28	54	4	0.30	-0.63	0.26	12.98	120	10.23	141	91	44	0	1	2	0	
	BISMARCK	45	20	54	8	33	11	0.04	-0.12	0.04	0.68	46	0.42	44	88	42	0	7	1	0	
NV	DICKINSON	42	18	53	7	30	8	0.00	-0.11	0.00	0.00	0	0.00	0	83	43	0	7	0	0	
	FARGO	37	19	44	8	28	9	0.21	0.00	0.21	1.13	52	0.55	42	90	71	0	7	1	0	
	GRAND FORKS	35	13	47	0	24	8	0.12	-0.06	0.10	0.83	49	0.42	39	87	62	0	7	2	0	
NY	JAMESTOWN	42	19	50	8	31	12	0.15	0.02	0.13	0.62	47	0.36	41	87	53	0	6	2	0	
	GRAND ISLAND	47	27	54	23	37	5	0.01	-0.20	0.01	2.42	131	1.58	131	80	48	0	7	1	0	
	LINCOLN	46	23	57	21	35	3	0.21	-0.02	0.15	2.74	115	1.65	118	86	54	0	7	2	0	
OH	NORFOLK	47	26	56	20	36	7	0.00	-0.23	0.00	1.30	61	0.81	60	80	47	0	7	0	0	
	NORTH PLATTE	48	19	56	14	34	2	0.00	-0.17	0.00	2.54	190	1.82	204	83	37	0	7	0	0	
	OMAHA	46	24	54	15	35	4	0.66	0.41	0.66	3.33	127	2.20	141	90	54	0	7	1	1	
PA	SCOTTSBLUFF	45	26	55	22	36	3	0.03	-0.15	0.03	1.39	90	0.99	96	75	32	0	7	1	0	
	VALENTINE	50	25	54	19	37	8	0.00	-0.16	0.00	1.47	122	1.06	135	80	32	0	4	0	0	
	CONCORD	39	17	48	2	28	1	0.61	-0.07	0.33	8.15	97	4.47	85	87	49	0	7	2	0	
RI	ATLANTIC_CITY	50	30	56	21	40	3	1.57	0.80	0.91	13.53	141	8.48	143	87	45	0	4	3	2	
	NEWARK	46	32	54	21	39	2	0.91	0.15	0.54	10.48	104	6.81	108	80	45	0	2	2	1	
	ALBUQUERQUE	57	29	62	25	43	-1	0.00	-0.12	0.00	0.82	58	0.61	68	57	15	0	5	0	0	
SC	ELY	41	13	53	6	27	-5	0.01	-0.21	0.01	1.41	69	1.04	72	80	29	0	7	1	0	
	LAS VEGAS	66	44	74	37	55	-1	0.00	-0.21	0.00	0.13	7	0.09	7	27	9	0	0	0	0	
	RENO	52	25	60	22	38	-4	0.00	-0.28	0.00	1.67	54	1.39	68	68	19	0	7	0	0	
TX	WINNEMUCCA	44	20	50	12	32	-5	0.10	-0.08	0.09	2.49	101	2.10	141	80	32	0	7	2	0	
	ALBANY	39	24	45	13	32	3	0.06	-0.51	0.03	7.35	96	3.66	78	85	52	0	6	2	0	
	BINGHAMTON	37	23	48	16	30	3	0.63	0.02	0.34	10.16	136	4.37	94	86	53	0	7	4	0	
UT	BUFFALO	40	27	53	16	33	6	0.36	-0.28	0.24	6.81	72	3.06	55	86	50	0	6	2	0	
	ROCHESTER	40	24	54	6	32	4	0.12	-0.41	0.07	5.24	76	3.37	79</							

Weather Data for the Week Ending February 27, 2021

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE DEC 1	PCT. NORMAL SINCE DEC 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	43	24	49	-1	34	3	0.26	-0.30	0.12	4.49	67	3.23	80	86	53	0	5	4	0	
	YOUNGSTOWN	44	25	56	0	35	4	0.13	-0.44	0.13	6.65	87	3.04	66	81	47	0	7	1	0	
	OKLAHOMA CITY	59	33	72	26	46	0	0.11	-0.32	0.08	4.92	102	2.22	76	87	45	0	4	3	0	
OR	TULSA	61	34	74	27	47	3	0.11	-0.43	0.10	6.39	108	3.07	89	89	42	0	3	2	0	
	ASTORIA	48	40	49	32	44	-1	3.96	2.20	2.63	36.24	133	28.21	164	94	69	0	1	7	1	
	BURNS	41	20	50	15	30	-1	0.17	-0.10	0.08	4.12	109	3.41	156	88	50	0	7	3	0	
PA	EUGENE	51	38	56	33	44	1	0.30	-1.02	0.16	15.88	79	9.53	78	91	65	0	0	5	0	
	MEDFORD	53	35	57	31	44	-1	0.02	-0.48	0.02	6.57	83	3.65	83	82	43	0	2	1	0	
	PENDLETON	47	34	53	29	41	1	0.10	-0.19	0.07	3.93	98	2.96	118	82	47	0	2	2	0	
	PORTLAND	50	40	53	35	45	0	0.50	-0.41	0.18	15.86	114	10.87	129	86	62	0	0	6	0	
	SALEM	49	38	51	32	44	0	0.69	-0.41	0.23	19.24	111	12.88	124	88	59	0	1	6	0	
	ALLENTOWN	42	26	51	13	34	1	0.69	0.02	0.39	9.89	108	5.78	103	83	45	0	7	2	0	
	ERIE	42	27	56	10	35	5	0.37	-0.26	0.24	9.12	102	5.69	109	80	48	0	5	3	0	
	MIDDLETOWN	47	28	57	19	38	2	0.63	0.00	0.39	9.52	113	5.37	104	81	40	0	5	3	0	
	PHILADELPHIA	47	31	56	22	39	1	0.90	0.23	0.51	9.68	106	5.36	96	86	46	0	4	3	1	
	PITTSBURGH	46	26	63	2	36	3	0.20	-0.40	0.09	7.12	91	3.31	66	85	43	0	5	3	0	
RI	WILKES-BARRE	42	26	54	16	34	3	0.32	-0.18	0.20	7.95	113	4.46	103	80	47	0	6	3	0	
	WILLIAMSPORT	43	22	54	14	33	1	0.44	-0.14	0.30	9.29	118	4.67	94	87	44	0	7	3	0	
	PROVIDENCE	46	28	53	18	37	3	1.13	0.25	0.65	12.82	114	5.41	77	82	46	0	6	2	1	
SC	CHARLESTON	73	44	81	30	58	5	0.06	-0.69	0.06	10.74	111	9.04	138	96	35	0	1	1	0	
	COLUMBIA	68	39	81	28	53	3	0.11	-0.83	0.09	14.47	141	11.61	165	90	37	0	1	2	0	
	FLORENCE	68	40	80	31	54	4	0.27	-0.48	0.27	15.35	171	12.38	206	87	38	0	1	1	0	
SD	GREENVILLE	63	35	73	26	49	1	1.00	-0.05	0.56	11.32	96	8.59	112	79	35	0	3	3	1	
	ABERDEEN	49	22	60	14	35	14	0.00	-0.17	0.00	0.90	58	0.59	57	83	42	0	7	0	0	
	HURON	49	24	60	16	37	12	0.05	-0.12	0.04	1.00	61	0.69	63	87	41	0	7	2	0	
TN	RAPID CITY	45	19	57	10	32	2	0.12	-0.03	0.12	0.89	71	0.60	76	80	30	0	7	1	0	
	SIOUX FALLS	45	23	55	13	34	9	0.15	-0.04	0.12	1.74	94	1.31	114	88	57	0	7	2	0	
	BRISTOL	59	34	70	20	46	5	1.29	0.46	0.52	11.99	119	8.48	127	89	38	0	4	3	1	
TX	CHATTANOOGA	66	40	73	27	53	6	1.60	0.35	1.22	12.57	86	8.13	84	88	32	0	1	2	1	
	KNOXVILLE	62	38	70	23	50	5	1.06	-0.01	0.72	10.46	80	6.86	81	88	39	0	1	3	1	
	MEMPHIS	62	43	69	31	52	4	3.33	2.19	2.17	14.69	105	8.61	104	86	46	0	1	5	2	
	NASHVILLE	63	41	75	24	52	8	1.83	0.83	1.26	9.64	81	6.30	83	78	38	0	1	3	1	
	ABILENE	67	44	81	30	55	5	0.00	-0.36	0.00	3.31	92	1.51	63	83	35	0	1	0	0	
	AMARILLO	62	26	77	20	44	1	0.00	-0.14	0.00	1.20	60	0.96	75	72	17	0	7	0	0	
	AUSTIN	74	50	86	42	62	6	0.07	-0.44	0.04	5.23	79	2.57	61	85	42	0	0	3	0	
	BEAUMONT	74	51	79	36	62	5	0.01	-0.81	0.01	11.26	80	5.55	63	100	58	0	0	1	0	
	BROWNSVILLE	82	63	86	54	73	7	0.00	-0.20	0.00	2.14	61	1.10	47	91	54	0	0	0	0	
	CORPUS CHRISTI	80	58	84	46	69	7	0.00	-0.51	0.00	3.44	65	1.73	51	99	54	0	0	0	0	
UT	DEL RIO	77	60	78	59	68	9	0.00	-0.08	0.00	1.88	96	0.64	48	92	53	0	0	0	0	
	EL PASO	72	35	76	29	53	1	0.00	-0.11	0.00	0.74	43	0.72	79	37	7	0	2	0	0	
	FORT WORTH	68	44	81	34	56	4	1.75	1.05	1.07	5.98	82	3.02	64	88	42	0	0	3	2	
	GALVESTON	69	56	73	47	63	3	0.04	0.00	0.04	6.19	0	2.21	0	95	68	0	0	1	0	
	HOUSTON	78	54	81	37	66	7	0.06	-0.73	0.04	8.56	84	4.11	64	93	47	0	0	2	0	
	LUBBOCK	65	30	79	25	48	1	0.00	-0.19	0.00	1.32	60	1.24	88	65	16	0	5	0	0	
	MIDLAND	69	35	79	28	52	1	0.00	-0.16	0.00	1.02	55	0.51	40	75	17	0	2	0	0	
	SAN ANGELO	72	40	80	29	56	4	0.01	-0.34	0.01	2.54	81	1.52	67	87	30	0	1	1	0	
	SAN ANTONIO	72	51	78	44	62	4	0.06	-0.37	0.04	3.12	58	2.28	65	89	52	0	0	2	0	
	VICTORIA	78	54	80	39	66	7	0.06	-0.46	0.02	4.10	60	1.54	34	91	47	0	0	3	0	
VA	WACO	71	44	78	30	57	4	0.13	-0.57	0.06	7.09	96	2.66	57	90	45	0	1	3	0	
	WICHITA FALLS	65	35	82	30	50	2	0.17	-0.34	0.17	2.62	59	1.41	50	88	42	0	3	1	0	
	SALT LAKE CITY	42	28	49	22	35	-2	0.07	-0.27	0.04	2.86	73	2.52	103	78	33	0	7	2	0	
WV	LYNCHBURG	55	31	69	17	43	3	0.99	0.26	0.52	12.51	136	7.68	129	83	38	0	3	3	1	
	NORFOLK	59	36	70	30	47	3	0.97	0.17	0.49	14.11	146	9.93	155	89	44	0	2	3	0	
	RICHMOND	54	31	68	19	43	0	0.86	0.15	0.31	14.97	168	8.30	147	88	40	0	4	3	0	
WA	ROANOKE	57	33	72	17	45	3	0.83	0.14	0.30	11.63	135	8.01	141	80	35	0	2	3	0	
	WASH/DULLES	51	29	66	16	40	2	0.63	-0.05	0.31	10.91	132	5.13	96	88	41	0	5	3	0	
	BURLINGTON	38	22	44	10	30	6	0.19	-0.26	0.05	4.38	71	3.20	85	80	44	0	6	5	0	
WI	OLYMPIA	48	36	51	26	42	0	2.34	1.09	1.19	26.42	129	19.19	148	95	65	0	2	6	1	
	QUILLAYUTE	46	35	48	27	41	-2	4.26	1.73	1.96	42.13	112	26.41	107	96	69	0	2	6	3	
	SEATTLE-TACOMA	49	37	52	32	43	-1	1.40	0.56	0.58	19.67	137	13.11	146	96	60	0	1	7	1	
WY	SPOKANE	40	28	45	19	34	-1	0.26	-0.08	0.18	5.82	108	3.54	114	88	54	0	6	3	0	
	YAKIMA	51	33	61	30	42	4	0.01	-0.17	0.01	2.94	84	2.36	122	74	34	0	5	1	0	
	EAU CLAIRE	38	22	47	15	30	8	0.10	-0.13	0.06	0.70	25	0.52	30	90	53	0	7	3	0	
WY	GREEN BAY	40	22	46	0	31	8	0.23	-0.11	0.16	1.87	50	1.43	65	89	56	0	6	4	0	
	LA CROSSE	42	24	48	15	33	7	0.26	-0.03	0.26	1.81	51	1.52	71	86	54	0	6	1	0	
	MADISON	40	22	46	17	31	5	0.24	-0.18	0.24	3.06	70	1.93	74	93	53	0	6	1	0	
WY	MILWAUKEE	43	28	49	19	35	7	0.17	-0.29	0.15	5.28	98	3.16	94	82	52	0	6	2	0	
	BECKLEY	50	28	65	11	39	3	1.48	0.79	0.90	20.76	246	7.53	138	92	50	0	5	5	1	
	CHARLESTON	54																			

International Weather and Crop Summary

February 21-27, 2021

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

EUROPE: Very warm, mostly dry weather hastened winter crops out of dormancy up to four weeks ahead of average.

MIDDLE EAST: Cool, dry conditions kept winter grains dormant in seasonably colder northern growing areas.

NORTHWESTERN AFRICA: Timely showers in Morocco boosted yield prospects for reproductive winter grains, while parts of Algeria and Tunisia continued to grapple with short-term dryness.

SOUTHEAST ASIA: Wet weather continued in the eastern Philippines and southern Indonesia.

AUSTRALIA: Rain continued to benefit immature summer crops but hampered maturation in some areas.

SOUTH AFRICA: Widespread rain provided timely moisture for reproductive to filling corn.

ARGENTINA: Mostly dry, warmer-than-normal weather reduced moisture for summer grains, oilseeds, and cotton.

BRAZIL: Dryness persisted in southern farming areas, further reducing moisture for second-crop corn and immature soybeans

February 2021

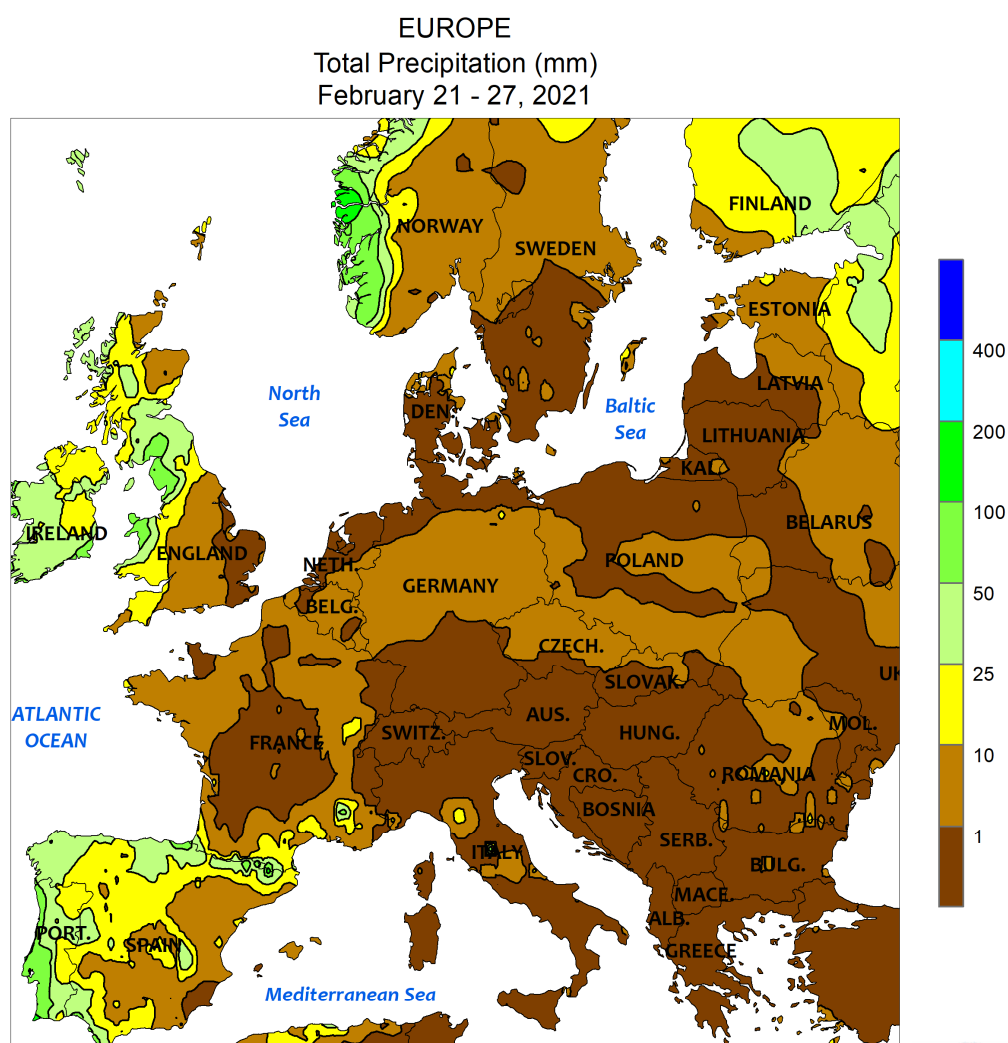
COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	DEP AVG	NRM	TOT	DEP NRM
ALGERI	ALGER	21	8	28	1	15	3.7	11	-51
	BATNA	19	3	26	-5	11	4.1	2	-22
ARGENT	IGUAZU	31	19	36	14	25	-0.8	55	-91
	FORMOSA	32	21	40	17	27	0.1	202	73
	CERES	30	18	36	15	24	-0.7	61	-51
	CORDOBA	28	15	32	12	21	-0.1	68	-39
	RIO CUARTO	26	16	31	12	21	-0.5	92	-4
	ROSARIO	30	16	34	9	23	-0.4	12	-108
	BUENOS AIRES	29	16	35	7	23	-0.3	68	-42
	SANTA ROSA	30	14	35	8	22	0.1	65	-16
	TRES ARROYOS	28	14	37	8	21	0.5	32	-67
AUSTRA	DARWIN	31	25	32	22	28	-0.2	162	-214
	BRISBANE	28	21	33	18	25	-0.3	91	-55
	PERTH	30	18	39	11	24	-0.9	26	8
	CEDUNA	27	15	42	9	21	-1.2	*****	*****
	ADELAIDE	26	16	37	12	21	-1.4	*****	*****
	MELBOURNE	24	14	34	8	19	-0.9	11	-19
	WAGGA	28	16	35	8	22	-1.8	82	41
	CANBERRA	25	13	30	6	19	-1	73	23
AUSTRI	VIENNA	6	-2	20	-9	2	0.6	36	2
	INNSBRUCK	10	-2	19	-12	4	3.8	13	-32
BAHAMA	NASSAU	28	21	31	11	25	2.2	17	-36
BARBAD	BRIDGETOWN	29	24	30	22	27	1.4	44	3
BELARU	MINSK	-4	-10	11	-26	-7	-2.6	39	1
BERMUD	ST GEORGES	20	17	22	12	19	0.7	91	-20
BOLIVI	LA PAZ	16	4	19	0	10	0.8	53	-32
BRAZIL	FORTALEZA	31	26	32	24	28	0.5	46	*****
	RECIFE	29	25	30	22	27	-2	29	-49
	CAMPO GRANDE	30	20	33	17	25	-1.1	204	58
	FRANCA	***	***	31	16	***	*****	209	-8
	RIO DE JANEI	30	23	37	21	27	-1.4	98	13
	LONDRINA	31	20	35	17	25	0.8	97	-84
	SANTA MARIA	29	18	33	14	24	-1.4	88	-42
	TORRES	29	20	31	17	25	*****	102	-48
BULGAR	SOFIA	10	-1	18	-15	5	3.9	21	-9
BURKIN	OUAGADOUGOU	37	21	40	17	29	1	0	0
CANADA	LETHBRIDGE	-6	-19	14	-37	-12	-2.8	3	*****
	REGINA	-14	-24	3	-39	-19	-6.3	2	-12
	WINNIPEG	-12	-21	7	-32	-16	-3.4	4	-11
	TORONTO	-2	-9	8	-16	-5	-0.8	48	0
	MONTREAL	-4	-12	5	-23	-8	-0.1	75	13
	PRINCE ALBER	-14	-27	5	-43	-21	-6.6	2	-9
	CALGARY	-7	-17	9	-31	-12	-7.2	28	20
	VANCOUVER	6	1	12	-7	3	-1.4	83	-23
CANARY	LAS PALMAS	22	15	26	12	18	0.4	7	-13
CHILE	SANTIAGO	28	13	34	11	21	1	0	-1
CHINA	HARBIN	-8	-19	6	-28	-13	-0.7	6	0
	HAMI	10	-6	18	-14	2	4.8	0	-2
	BEIJING	10	-3	26	-9	4	3.4	18	13
	TIENTSIN	10	-2	23	-9	4	3.4	16	10
	LHASA	11	-4	21	-9	4	1.6	1	0
	KUNMING	19	8	22	3	13	2.1	14	-3
	CHENGCHOW	15	3	28	-1	9	5.7	45	32
	YEHCHANG	16	7	28	4	12	5.7	41	0
	HANKOW	16	6	28	2	11	5.9	80	14
	CHUNGKING	18	11	28	8	15	3.9	9	-15
	CHIHKIANG	15	8	28	4	12	4.5	101	44
	WU HU	15	7	27	0	11	4.7	68	-6
	SHANGHAI	14	6	26	-2	10	4.5	65	6
	NANCHANG	17	10	26	6	13	5.3	94	-14
	TAIPEI	22	17	28	12	20	2.7	42	-157
	CANTON	25	13	30	9	19	5.2	44	-26
	NANNING	24	14	28	11	19	5	70	25
COTE D	ABIDJAN	31	26	32	22	29	0	70	38
CUBA	CAMAGUEY	30	19	33	13	25	1.4	*****	*****
CYPRUS	LARNACA	19	9	23	2	14	2.1	*****	*****
CZECHR	PRAGUE	3	-4	14	-17	-1	-0.2	31	11
DENMAR	COPENHAGEN	3	-2	14	-10	0	-0.5	17	-6
EGYPT	CAIRO	22	12	30	7	17	1.3	9	*****
ESTONI	TALLINN	-3	-8	8	-20	-5	-0.9	42	6

Based on Preliminary Reports

February 2021

COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM			AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ETHIOP	ADDIS ABABA	***	***	20	8	***	*****	*****	*****	MOZAMB	MAPUTO	30	24	35	20	27	0	242	143
F GUIA	CAYENNE	29	24	30	21	27	0.8	264	-36	N KORE	PYONGYANG	6	-5	17	-12	0	2.4	3	-12
FIJI	NAUSORI	31	24	33	22	28	0.8	208	-50	NEW CA	NOUMEA	30	24	34	21	27	0.9	95	-35
FINLAN	HELSINKI	-5	-12	8	-27	-8	-2.5	19	-18	NIGER	NIAMEY	35	21	38	17	28	0.7	0	0
FRANCE	PARIS/ORLY	10	4	20	-6	7	2.3	32	-8	NORWAY	OSLO	-3	-9	12	-19	-6	-0.7	29	-18
	STRASBOURG	10	0	21	-12	5	2.5	30	-4	NZEALA	AUCKLAND	25	16	27	12	20	-0.1	50	-12
	BOURGES	11	4	20	-6	8	3.0	29	-23		WELLINGTON	21	14	25	8	18	-0.3	63	6
	BORDEAUX	15	7	20	0	11	4.0	45	-27	P RICO	SAN JUAN	29	23	31	22	26	0.5	74	14
	TOULOUSE	14	8	19	2	11	4.2	22	-20	PAKIST	KARACHI	31	18	34	12	25	3.4	0	-7
	MARSEILLE	15	7	19	-1	11	3.1	25	-8	PERU	LIMA	26	20	29	18	23	-0.1	0	*****
GABON	LIBREVILLE	***	***	32	***	***	*****	*****	*****	PHILIP	MANILA	31	24	34	22	27	-0.1	36	15
GERMAN	HAMBURG	6	-1	19	-14	2	0.4	18	-31	PNEWGU	PORT MORESBY	31	24	33	23	28	-0.1	133	-5
	BERLIN	5	-2	20	-12	2	0.1	28	-10	POLAND	WARSAW	2	-6	18	-15	-2	-1.0	27	1
	DUSSELDORF	8	1	20	-13	5	1.3	54	4		LODZ	2	-6	18	-17	-2	-1.0	22	-9
	LEIPZIG	5	-2	19	-16	1	0.1	35	8		KATOWICE	4	-4	18	-18	0	0.1	35	-3
	DRESDEN	4	-2	20	-16	1	-0.1	33	-5	PORTUG	LISBON	***	***	20	7	***	*****	60	-12
	STUTTGART	9	-1	20	-14	4	2.3	42	8	ROMANI	BUCHAREST	8	-2	21	-13	3	2.9	16	-18
	NURNBERG	7	-2	20	-18	2	1.5	38	2	RUSSIA	ST.PETERSBUR	-6	-12	4	-24	-9	-3.6	52	19
	AUGSBURG	8	-2	19	-17	3	2.5	46	12		KAZAN	-12	-18	2	-31	-15	-5.5	70	37
GREECE	THESSALONIKA	14	5	20	-5	9	2.2	9	-24		MOSCOW	-8	-14	6	-24	-11	-4.0	49	7
	LARISSA	14	1	21	-8	8	1.2	17	-14		YEKATERINBUR	-12	-19	2	-32	-16	-5.2	27	9
	ATHENS	17	9	22	0	13	2.4	28	-9		OMSK	-13	-22	0	-36	-18	-2.6	24	7
GUADEL	RAIZET	29	22	30	19	25	1.1	64	21		BARNAUL	-9	-18	4	-34	-14	-0.6	28	12
HONGKO	HONG KONG IN	24	17	27	14	20	2.2	81	*****		KHABAROVSK	-11	-20	-1	-30	-15	0.1	13	3
HUNGAR	BUDAPEST	7	-1	19	-11	3	1.7	46	20		VLADIVOSTOK	-5	-11	3	-21	-8	0.3	9	-8
ICELAN	REYKJAVIK	4	1	8	-4	3	2.7	79	-7		VOLGOGRAD	-2	-8	10	-25	-5	1.4	*****	*****
INDIA	AMRITSAR	23	10	30	3	16	1.9	3	-36		ASTRAKHAN	0	-6	12	-23	-3	0.5	27	13
	NEW DELHI	28	10	33	5	19	1.8	3	-22		ORENBURG	-9	-15	3	-31	-12	-0.6	56	36
	AHMEDABAD	33	15	36	11	24	1.4	0	-1	S AFRI	JOHANNESBURG	24	15	30	9	20	-0.2	93	-8
	INDORE	30	14	35	10	22	1.2	0	-4		DURBAN	28	20	31	16	24	-0.4	22	-96
	CALCUTTA	30	17	37	10	23	0.8	1	-29		CAPE TOWN	26	17	33	14	22	0.6	2	-12
	VERAVAL	31	19	35	16	25	1.5	0	*****	S KORE	SEOUL	8	-1	17	-11	3	3.0	8	-17
	BOMBAY	34	20	36	17	27	2.0	1	*****	SAMOA	PAGO PAGO	30	25	32	24	28	-0.5	431	110
	POONA	32	13	36	9	22	0.0	0	-2	SENEGA	DAKAR	25	18	34	17	21	0.5	0	-2
	BEGAMPET	32	17	37	14	24	-0.8	6	-4	SPAIN	VALLADOLID	13	5	18	0	9	3.4	64	36
	VISHAKHAPATN	30	22	33	19	26	0.2	0	-25		MADRID	15	5	20	0	10	2.7	39	8
	MADRAS	31	22	35	19	26	-0.3	2	-4		SEVILLE	19	10	24	5	14	1.6	45	*****
	MANGALORE	34	22	35	20	28	0.3	3	*****	SWITZE	GENEVA	10	2	16	-5	6	3.3	40	-23
INDONE	SERANG	31	24	33	23	28	0.4	284	55	SYRIA	DAMASCUS	18	4	25	-1	11	2.6	11	-25
IRELAN	DUBLIN	9	4	14	-1	6	1.4	56	7	TAHITI	PAPEETE	31	24	32	21	27	-0.7	155	-55
ITALY	MILAN	12	4	21	-4	8	2.8	44	8	TANZAN	DAR ES SALAA	32	25	35	23	29	0.5	25	-31
	VERONA	12	2	22	-7	7	2.1	23	-12	THAILA	PHITSANULOK	34	20	37	17	27	-0.4	29	14
	VENICE	11	4	22	-4	8	2.8	13	-43		BANGKOK	34	24	36	20	29	1.0	81	63
	GENOA	13	9	17	0	11	1.4	58	0	TOGO	TABLIGBO	37	25	38	23	31	1.0	3	*****
	ROME	15	6	20	-3	11	1.6	55	-9	TRINID	PORT OF SPAI	30	22	32	20	26	0.7	64	14
	NAPLES	15	5	21	-3	10	0.9	126	54	TUNISI	TUNIS	19	9	26	4	14	2.2	30	-19
JAMAIC	KINGSTON	31	23	32	20	27	0.6	28	13	TURKEY	ISTANBUL	11	4	21	-2	8	1.2	42	-21
JAPAN	SAPPORO	1	-5	8	-11	-2	1.2	82	-12		ANKARA	9	-4	18	-18	2	1.6	13	-21
	NAGOYA	13	4	21	-2	8	2.8	48	-18	TURKME	ASHKHABAD	15	3	30	-8	9	6.3	4	-25
	TOKYO	14	4	22	0	9	2.2	89	33	UKINGD	ABERDEEN	6	0	14	-15	3	-0.5	68	13
	YOKOHAMA	13	5	22	0	9	2.6	*****	*****		LONDON	9	4	16	-4	6	0.5	33	-4
	KYOTO	12	4	21	-2	8	2.3	*****	*****	UKRAIN	KIEV	-2	-7	13	-17	-4	-1.3	62	26
	OSAKA	13	5	20	0	9	2.9	46	-17		LVOV	2	-6	14	-21	-2	-0.4	118	75
KAZAKH	KUSTANAY	-11	-18	2	-34	-14	-0.5	46	33		KIROVOGRAD	-2	-7	10	-25	-4	-1.2	57	24
	TSELINOGRAD	-8	-16	5	-29	-12	2.0	32	18		ODESSA	4	-2	18	-12	1	1.4	51	13
	KARAGANDA	-7	-14	5	-29	-11	2.5	34	12		KHARKOV	-2	-8	12	-21	-5	-0.4	60	26
KENYA	NAIROBI	27	16	30	12	21	-0.9	*****	*****	UZBEKI	TASHKENT	14	5	26	-12	9	5.4	37	-25
LIBYA	BENGHAZI	19	10	24	6	14	2.0	24	*****	YUGOSL	BELGRADE	11	3	21	-8	7	3.9	26	-12
LITHUA	KAUNAS	-2	-9	12	-22	-6	-3.2	13	-20	ZAMBIA	LUSAKA	27	20	31	18	23	0.7	*****	*****
LUXEMB	LUXEMBOURG	8	1	18	-10	4	2.7	85	22	ZIMBAB	KADOMA	***	***	30	***	***	*****	*****	*****
MALAYS	KUALA LUMPUR	34	24	36	23	29	1.8	16	-181										
MALI	BAMAKO	36	20	40	13	28	-0.5	0	0										
MARSHA	MAJURO	30	27	39	24	28	0.7	110	-83										
MARTIN	LAMENTIN	29	23	30	20	26	0.7	136	53										
MAURIT	NOUAKCHOTT	32	16	38	11	24	0.6	*****	*****										
MEXICO	GUADALAJARA	28	9	32	5	18	1.3	0	*****										
	TLAXCALA	24	6	28	2	15	0.6	0	-13										
	ORIZABA	22	13	32	7	18	0.9	38	*****										
MOROCC	CASABLANCA	19	11	26	8	15	1.2	61	10										
	MARRAKECH	22	9	30	3	16	1.8	52	24										

Based on Preliminary Reports



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

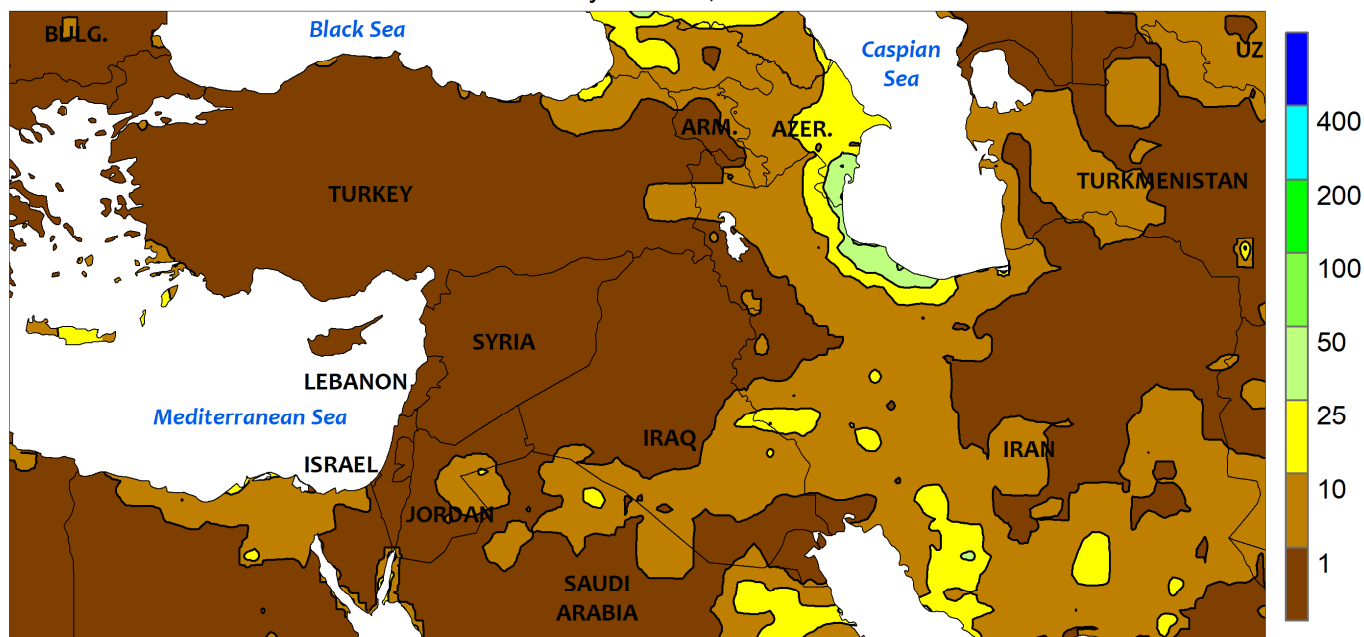


EUROPE

Very warm and mostly dry weather promoted fieldwork but hastened winter crops out of dormancy well ahead of normal. A broad area of high pressure anchored over southcentral Europe brought sunny skies and much-above-normal temperatures (5-10°C above normal) from France eastward. The warmth sped winter grains and oilseeds out of dormancy up to four weeks ahead of average in France and Germany, while winter crops were losing cold hardiness in northeastern Europe but were still semi-dormant at the end of the period. While unusually early vegetative growth is not directly

detrimental for crop prospects, it increases the risk of burnback or winterkill from any potential late-season hard freezes. Despite the dry weather regime, storms traversing the perimeter of the high brought moderate to heavy showers (10-100 mm, locally more) to western portions of Spain, England, and Norway, maintaining good to excellent moisture supplies for vegetative (south) to greening (north) winter crops. Overall, moisture supplies remained adequate to abundant for spring growth across Europe due to a wet fall and winter, and current winter crop prospects remained favorable.

MIDDLE EAST
Total Precipitation (mm)
February 21 - 27, 2021



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

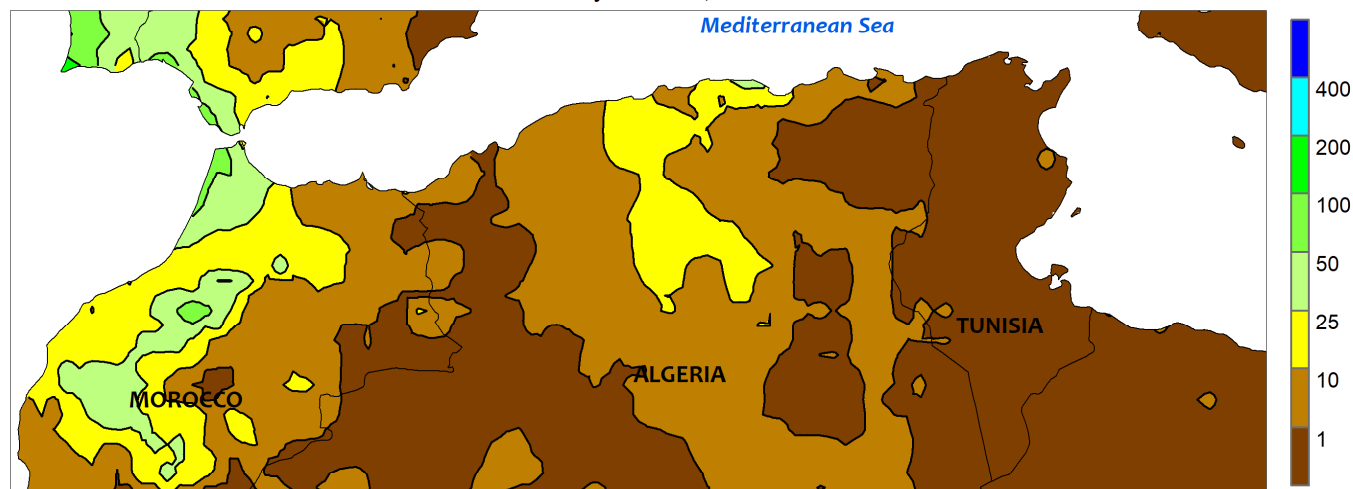


MIDDLE EAST

Cool, mostly dry weather prevailed, keeping northern winter grains dormant while promoting seasonal fieldwork and crop development elsewhere. After recent rain and snow, drier weather facilitated seasonal fieldwork across much of the region. However, light to moderate showers (1-25 mm) were reported from eastern Jordan into southern Iran, maintaining adequate to abundant moisture supplies for vegetative winter grains. Conversely, acute

short-term dryness over northeastern Iran (Khorasan) further reduced soil moisture reserves for spring growth; precipitation in this region has averaged less than 20 percent of normal since the end of December, following a favorably wet autumn. Temperatures during the period averaged 2 to 5°C below normal from central Turkey into northern Iran, keeping wheat and barley dormant in these primary northern crop areas.

NORTHWESTERN AFRICA
Total Precipitation (mm)
February 21 - 27, 2021



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

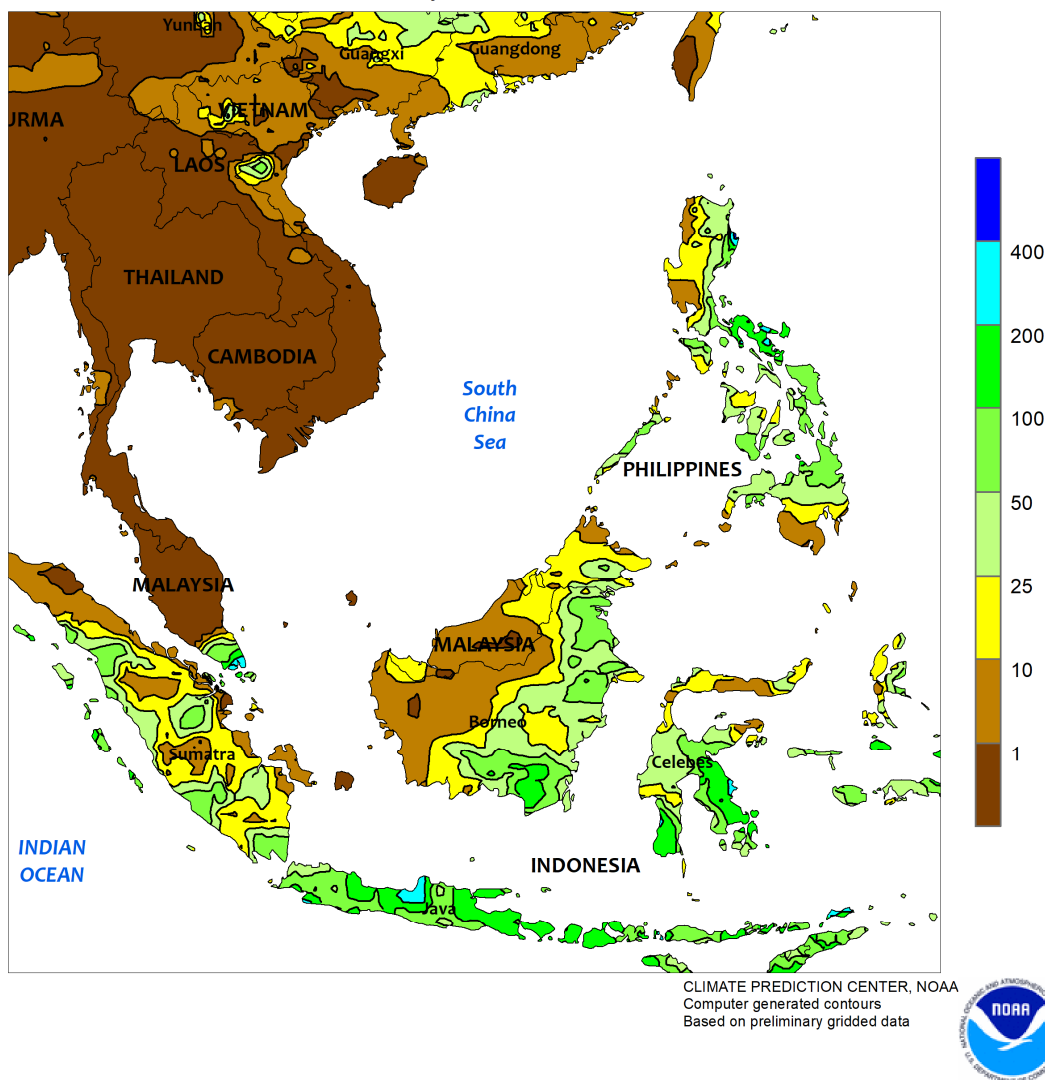


NORTHWESTERN AFRICA

Timely rain in Morocco contrasted with intensifying short-term drought in parts of Algeria and Tunisia. Moderate to heavy showers (5-45 mm) in Morocco boosted moisture supplies for wheat and barley approaching or progressing through reproduction; the latest satellite-derived Vegetation Health Index (VHI) indicated Moroccan winter grain prospects are vastly improved over last year's drought-afflicted crops. Farther east, rain in central Algeria (10-20

mm) boosted moisture supplies locally, while short-term dryness and drought intensified elsewhere. Since January 10, rainfall deficits were most pronounced in western Algeria (15 percent of average) and the inland Steppe Region of Tunisia (less than 25 percent), while areas closer to the coast in Tunisia have fared better. Despite the recent dryness, the VHI at the end of February was on par with last year in Algeria and better than last year in Tunisia.

SOUTHEAST ASIA
Total Precipitation (mm)
February 21 - 27, 2021

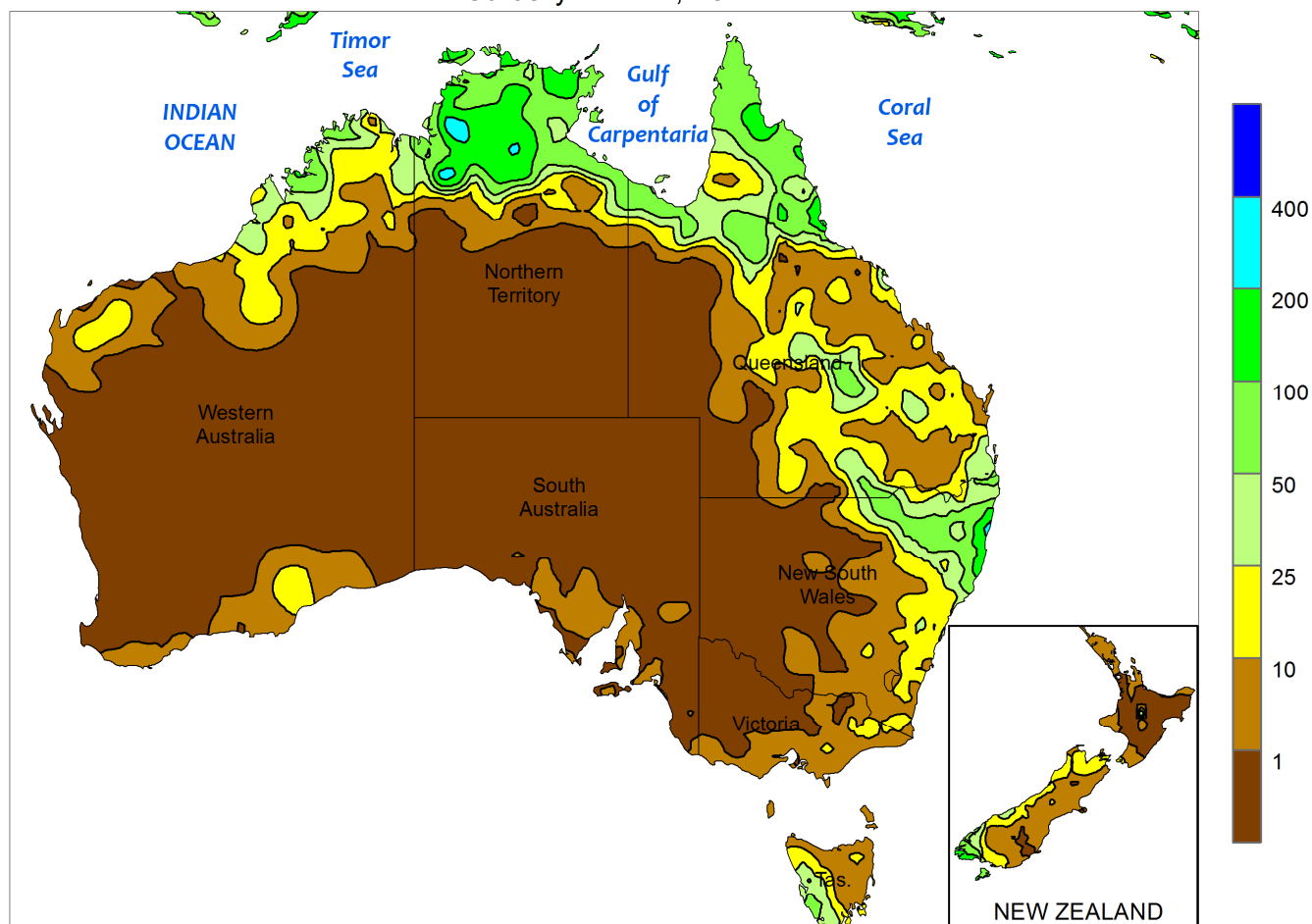


SOUTHEAST ASIA

Tropical Cyclone Dujuan brought additional rainfall to much of the eastern Philippines as it dissipated in the eastern Visayas. Rainfall totals for the week varied, but the wettest locations received 50 to over 200 mm, maintaining abundant to locally excessive water supplies for rice. Heavy showers were also reported across southern Indonesia (Java), with 25 to 50

mm in western areas and 50 to 150 mm in central and eastern areas. The sustained wet weather for the season ensured ample water supplies for both irrigated and non-irrigated rice. In contrast, drier-than-normal conditions in oil palm sections of Indonesia and Malaysia over the last 60 days (similar to last year) reduced soil moisture for trees.

AUSTRALIA
Total Precipitation (mm)
February 21 - 27, 2021



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 gridded data

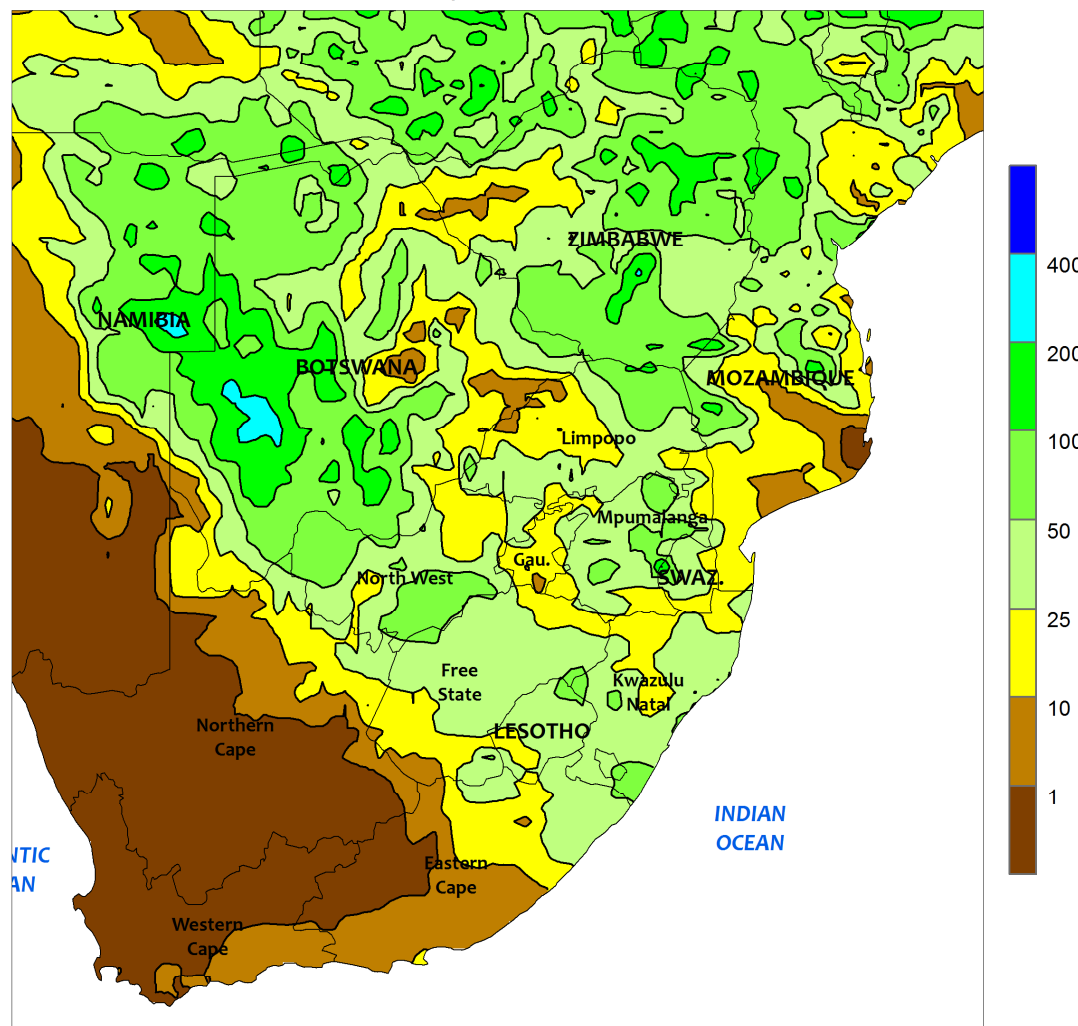


AUSTRALIA

In southern Queensland, scattered showers (5-25 mm) sustained local moisture supplies for immature summer crops while pockets of drier weather aided maturation of crops sown early in the growing season. Warmer-than-normal weather hastened crop development, with temperatures averaging 2°C above normal and maximum temperatures in the middle to upper 30s (degrees C). Farther south, soaking rain (25-50 mm,

locally more) in northeastern New South Wales maintained adequate to abundant soil moisture for immature cotton and sorghum. However, the rain hampered drydown of the earliest maturing varieties and may have raised some concerns about crop quality as the harvest approaches. Temperatures averaged near to below normal (up to 2°C below normal), with maximum temperatures mostly in the middle 30s.

SOUTH AFRICA
Total Precipitation (mm)
February 21 - 27, 2021



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

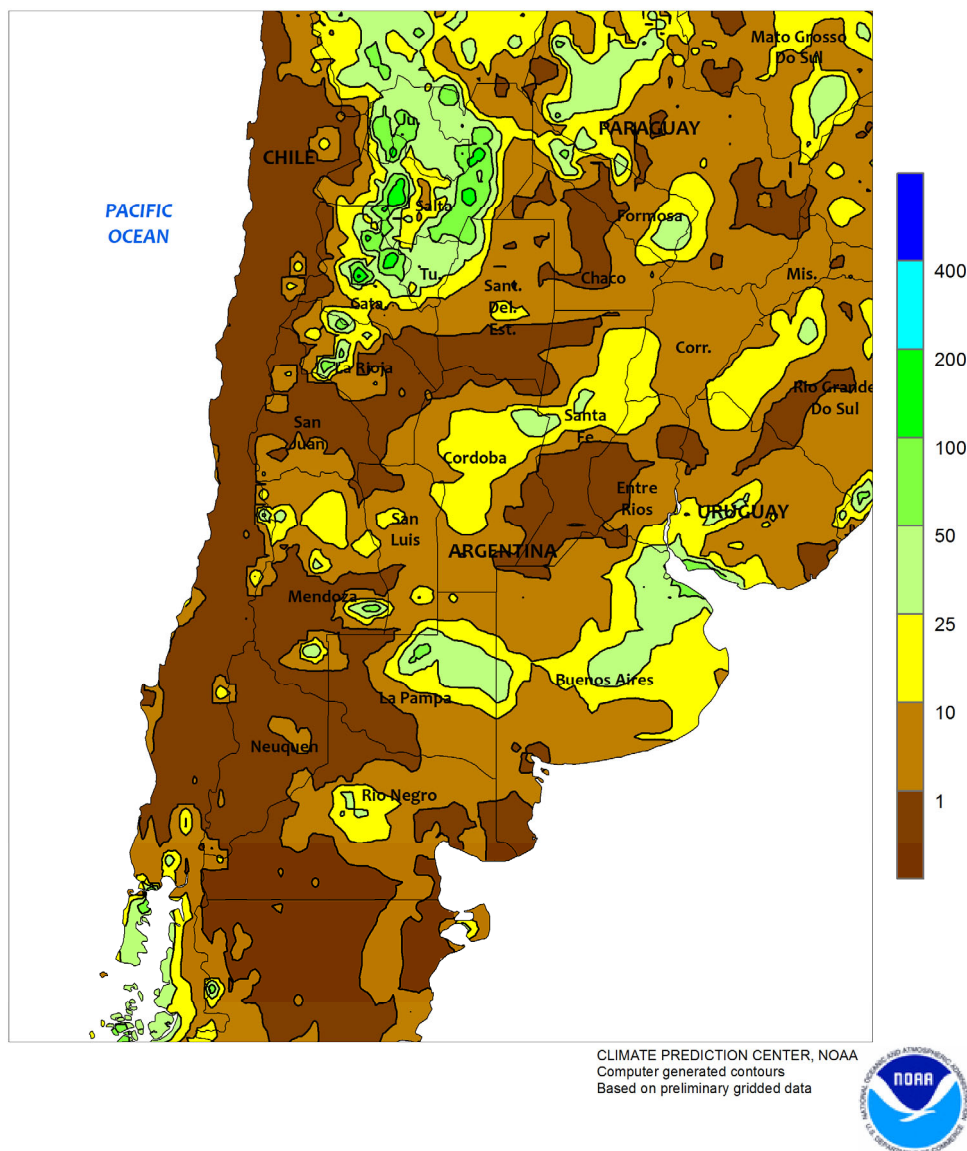


SOUTH AFRICA

Widespread, locally heavy showers returned to the region, following several weeks of only localized rainfall. The rain was particularly welcome in western sections of the corn belt (North West and Free State), where traditionally later-planted corn is advancing through the reproductive and filling stages of development. Amounts totaled 10 to 50 mm (locally approaching 75 mm) across the corn belt, with highest amounts concentrated over the aforementioned western production areas and in the vicinity of Mpumalanga. Locally heavy showers (25-50 mm) also returned to rain-fed sugarcane plantations in southern

KwaZulu-Natal, while the predominantly irrigated eastern sugarcane region (eastern Mpumalanga and northern KwaZulu-Natal) continued to record unseasonably heavy rainfall (greater than 25 mm). Although weekly average temperatures were near to below normal, daytime highs reached the lower 30s (degrees C) prior to the onset of the rainfall, advancing development of corn, sugarcane, and other summer crops in these regions. Elsewhere, warm, sunny weather benefited tree and vine crops in Western Cape and irrigated cotton in northern Cape, with daytime highs locally reaching the middle 30s in both provinces.

ARGENTINA
Total Precipitation (mm)
February 21 - 27, 2021

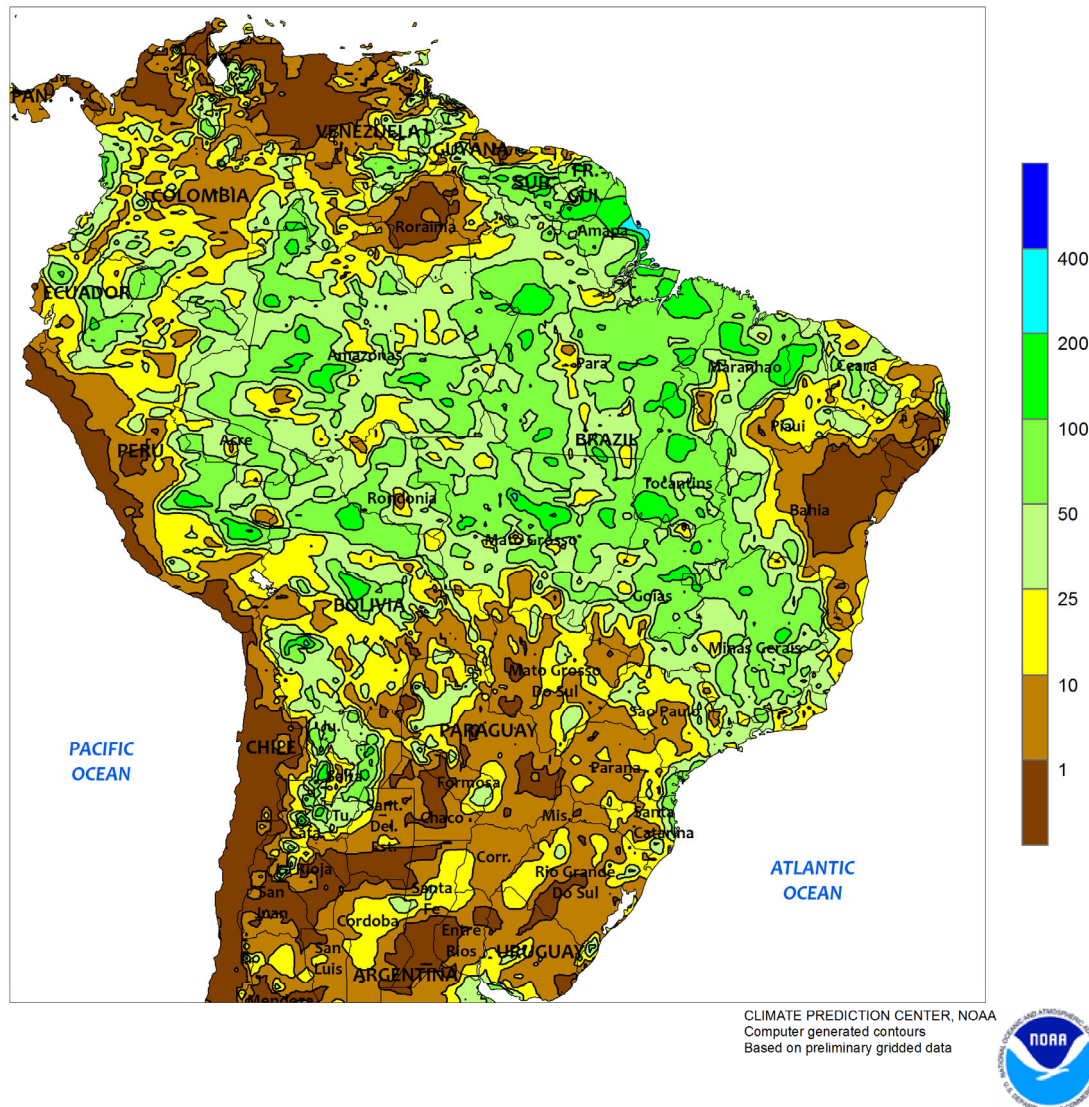


ARGENTINA

Mostly dry, unseasonably warm weather dominated much of the region, increasing moisture demands of immature summer crops and drying soils. Although widely scattered showers (rainfall totaling 10-25 mm, locally reaching 50 mm) were recorded, pockets of dryness persisted in high-yielding farming areas of central Argentina (notably Santa Fe, Entre Rios, and neighboring locations in eastern Cordoba and northwestern Buenos Aires) and rain was needed to sustain current yield prospects. Drier conditions also returned to most northern cotton delegations after last

week's beneficial rainfall. Unlike recent weeks, temperatures averaged 2°C above normal in nearly all Argentine farming areas, enhancing moisture losses through evapotranspiration. Daytime highs reached the lower and middle 30s (degrees C) in central Argentina and the lower 40s in the far north, on multiple days. According to the government of Argentina, sunflower harvesting was unchanged at 26 percent complete (versus 36 percent last year) as of February 25, though fieldwork was beginning in southern production areas.

BRAZIL
Total Precipitation (mm)
February 21 - 27, 2021



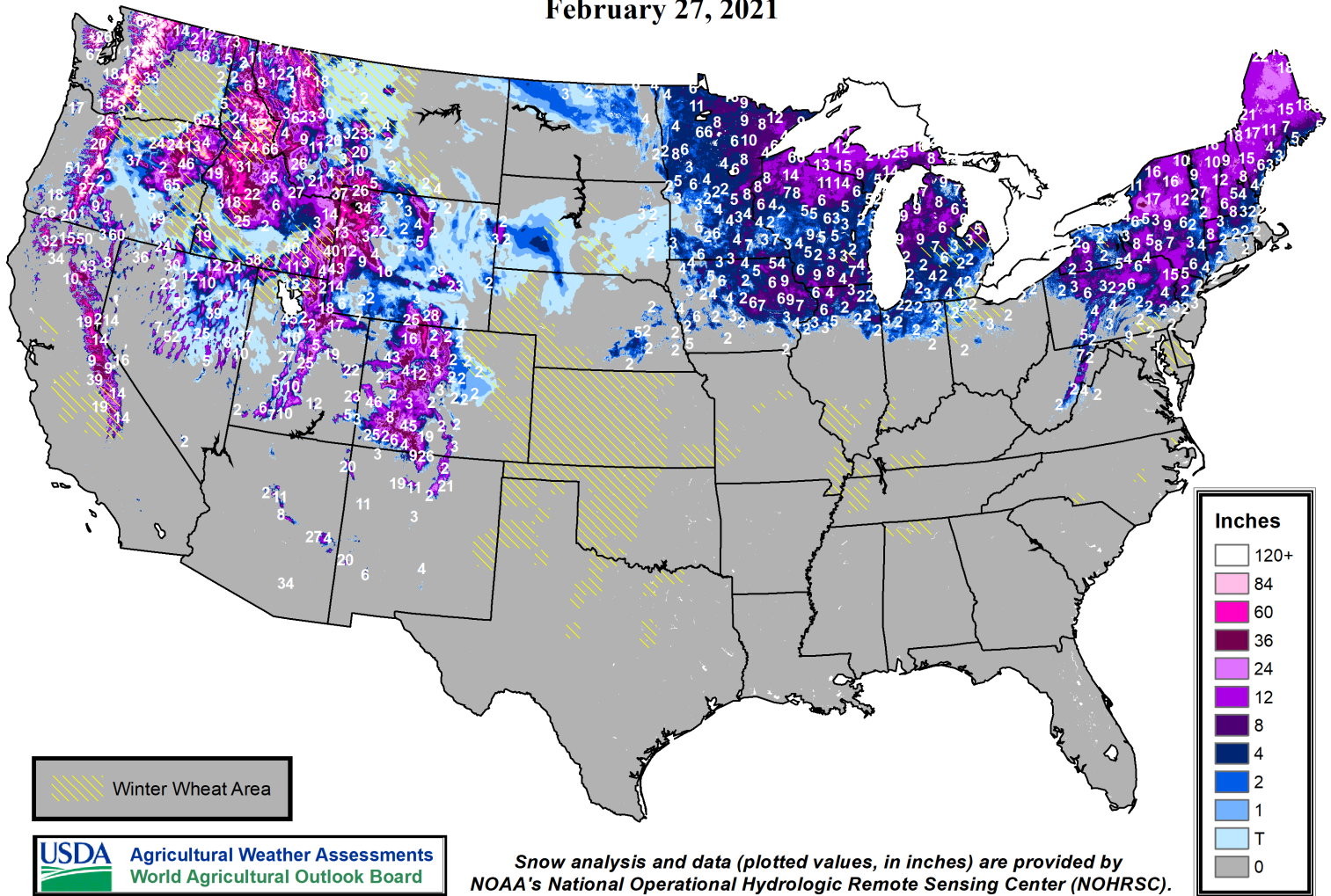
BRAZIL

Unseasonable dryness persisted in southern farming areas, aiding fieldwork but further reducing moisture for immature main-season crops and emerging second-crop corn. For a third week, much of the region between southern Mato Grosso and Rio Grande do Sul recorded less than 10 mm of rainfall; although timely, locally heavy rain preceded the current drying trend, additional rain is needed, especially for the late-planted soybeans. Additionally, above-normal temperatures (daytime highs reaching the middle 30s degrees C) maintained high evaporative losses. According to the government of Rio Grande do Sul, soybeans were 87 percent reproductive to filling on February 25, while the earlier-planted corn crop was 48 percent harvested. In Parana, first plantings of soybeans and corn were 34 and 8 percent harvested, respectively, as of

February 22; second-crop corn was 11 percent planted. Elsewhere, late-week showers (10-25 mm) brought some relief to sugarcane in Sao Paulo's northern farming areas but season-long deficits persisted. Farther north, beneficial rainfall (25-100 mm) continued from northern and eastern Mato Grosso eastward through the northeastern interior, providing timely moisture for germinating second-crop corn and cotton. According to the government of Mato Grosso, soybeans were 52 percent harvested as of February 26, lagging the 5-year average pace by 18 points; additionally, corn was 55 percent planted, compared with 80 percent on average, while cotton planting was nearing completion. Beneficial rain (10-50 mm, locally approaching 100 mm) also continued in key coffee producing areas in and around Minas Gerais.

Snow Depth

February 27, 2021



The *Weekly Weather and Crop Bulletin* (ISSN 0043-1974) is jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the *Weekly Weather Chronicle*. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53rd Congress, 3rd Session. The contents may be redistributed freely with proper credit.

Correspondence to the meteorologists should be directed to:
***Weekly Weather and Crop Bulletin*, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 4443B, Washington, DC 20250.**

Internet URL: www.usda.gov/oce/weather-drought-monitor

E-mail address: brad.rippy@usda.gov

An archive of past *Weekly Weather and Crop Bulletins* can be found at <https://usda.library.cornell.edu/>, keyword search "*Weekly Weather and Crop Bulletin*".

U.S. DEPARTMENT OF AGRICULTURE

World Agricultural Outlook Board

Managing Editor..... **Brad Rippey** (202) 720-2397

Production Editor..... **Brian Morris** (202) 720-3062

International Editor..... **Mark Brusberg** (202) 720-2012

Agricultural Weather Analysts..... **Harlan Shannon**
and **Eric Luebehusen**

National Agricultural Statistics Service

Agricultural Statistician and State Summaries Editor.....

Irwin Anolik (202) 720-7621

U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

National Weather Service/Climate Prediction Center

Meteorologists..... **David Miskus, Brad Pugh, Adam Allgood,**
and **Rich Tinker**

USDA is an equal opportunity provider and employer. To file a complaint of discrimination, write: USDA, Office of the Assistant Secretary for Civil Rights, Office of Adjudication, 1400 Independence Ave., SW, Washington, DC 20250-9410 or call (866) 632-9992 (Toll-Free Customer Service), (800) 877-8339 (Local or Federal relay), (866) 377-8642 (Relay voice users).