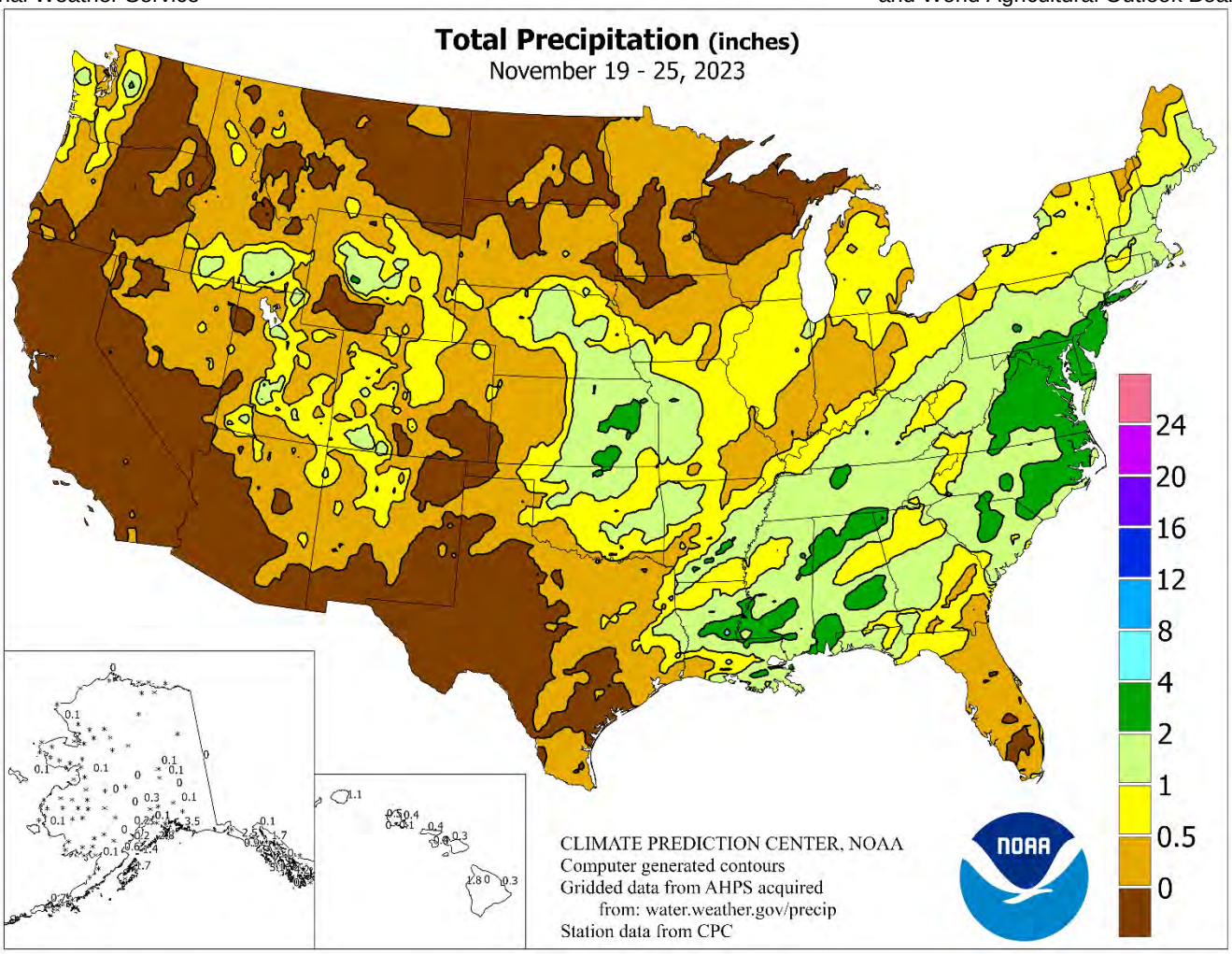
Volume 110, No. 48 *www.usda.gov/oce/weather-drought-monitor* **November 28, 2023**

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

November 19 – 25, 2023

Highlights provided by USDA/WAOB

Drought-easing rain fell on November 20-22 across the **South**, **East**, and lo**wer Midwest**. The rain halted late-season fieldwork but greatly benefited pastures and recently planted winter grains and cover crops. With fieldwork active in advance of the rain's arrival, national harvest progress by November 26 advanced to 96 percent complete for corn, 96 percent for peanuts, and 83 percent for cotton—ahead of the respective 5-year averages of 95, 95, and 79 percent. Some early-week precipitation was also observed across the **central Plains** and environs, with

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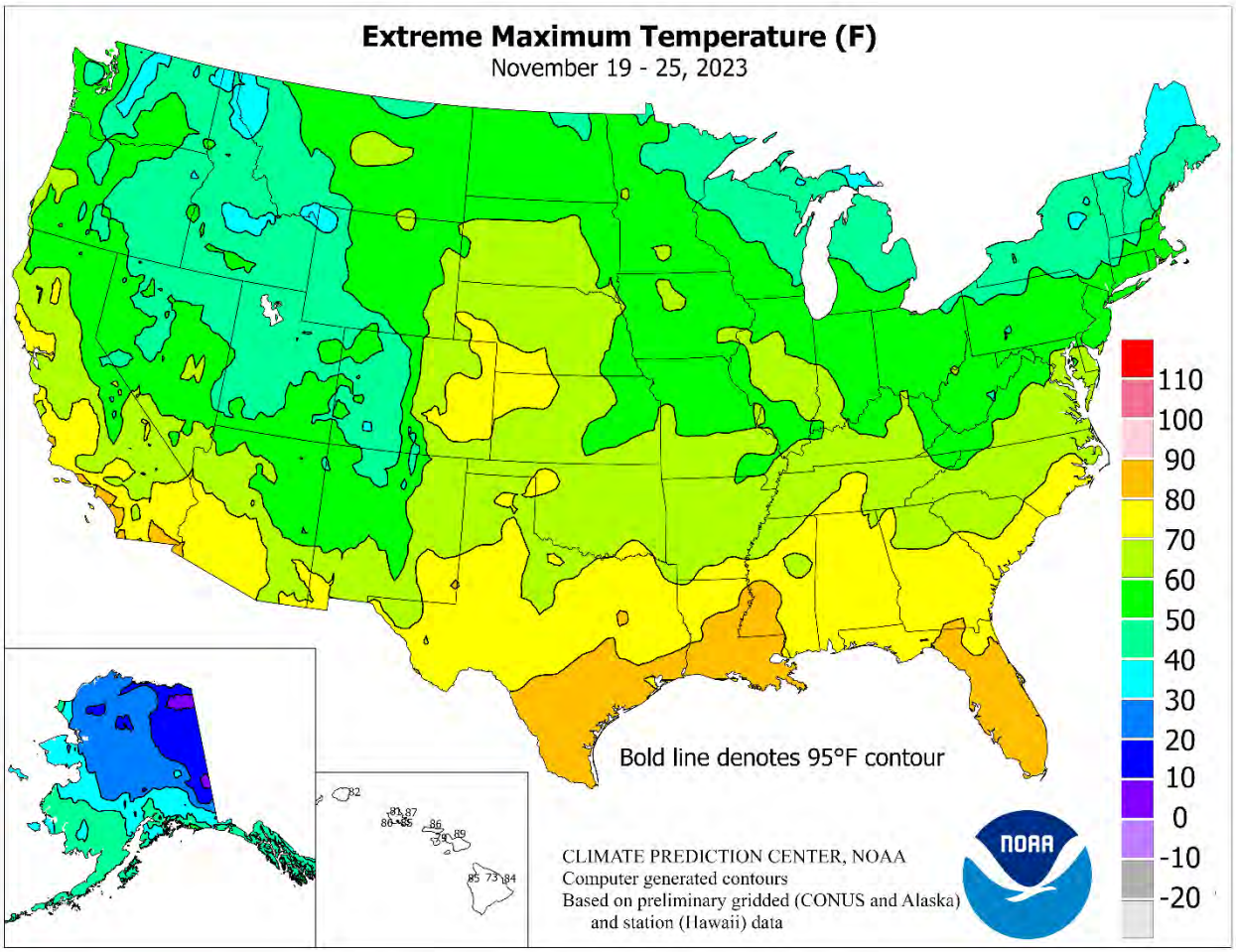
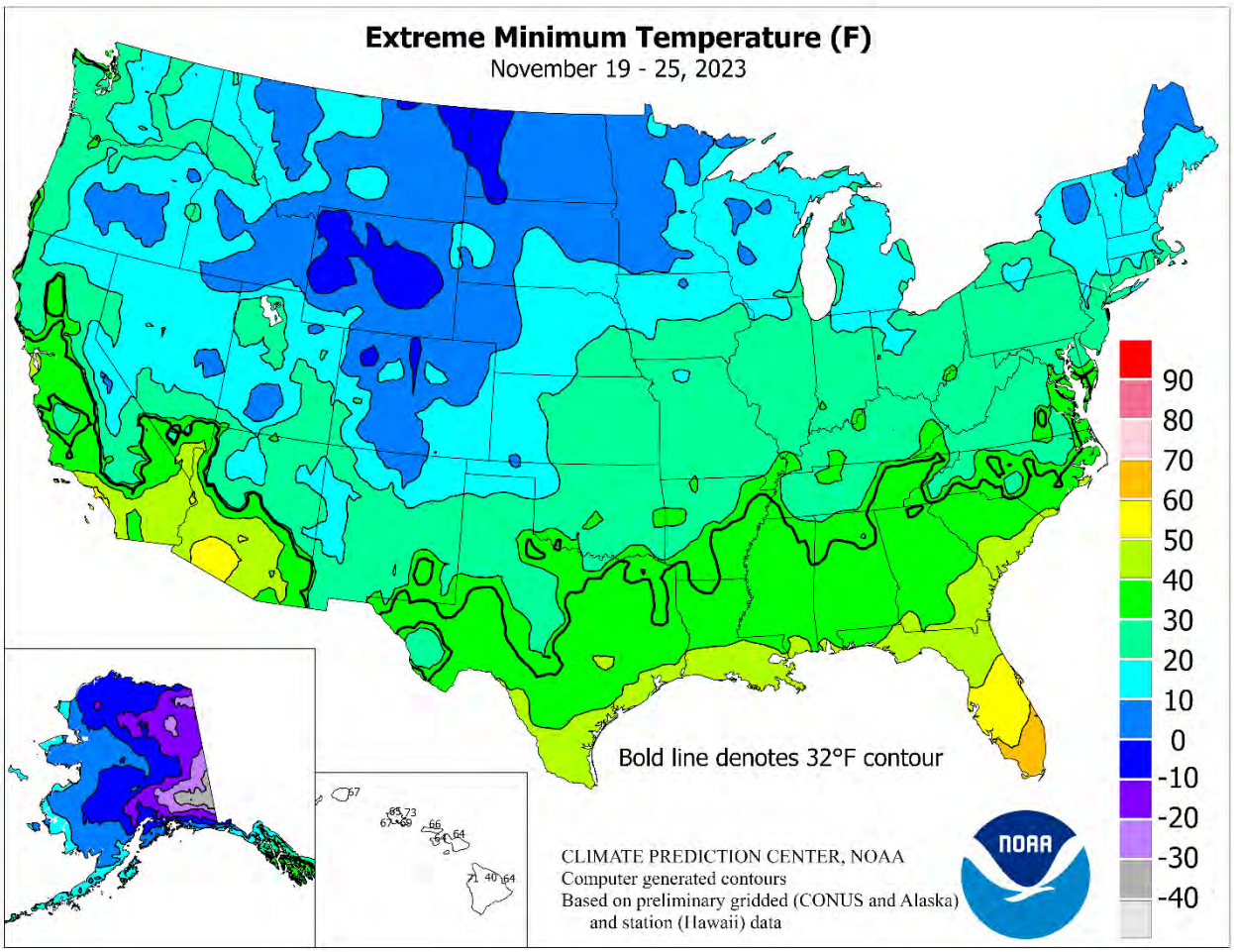
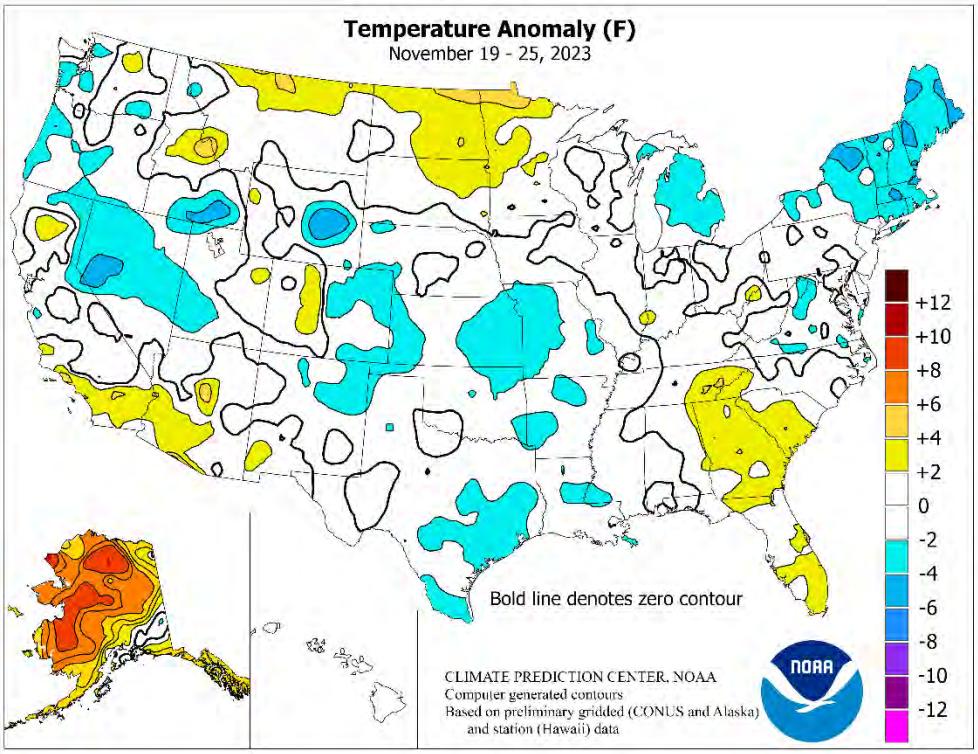

Extreme Maximum Temperature (F)
November 19 - 25, 2023
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA


Extreme Minimum Temperature (F)
November 19 - 25, 2023
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA

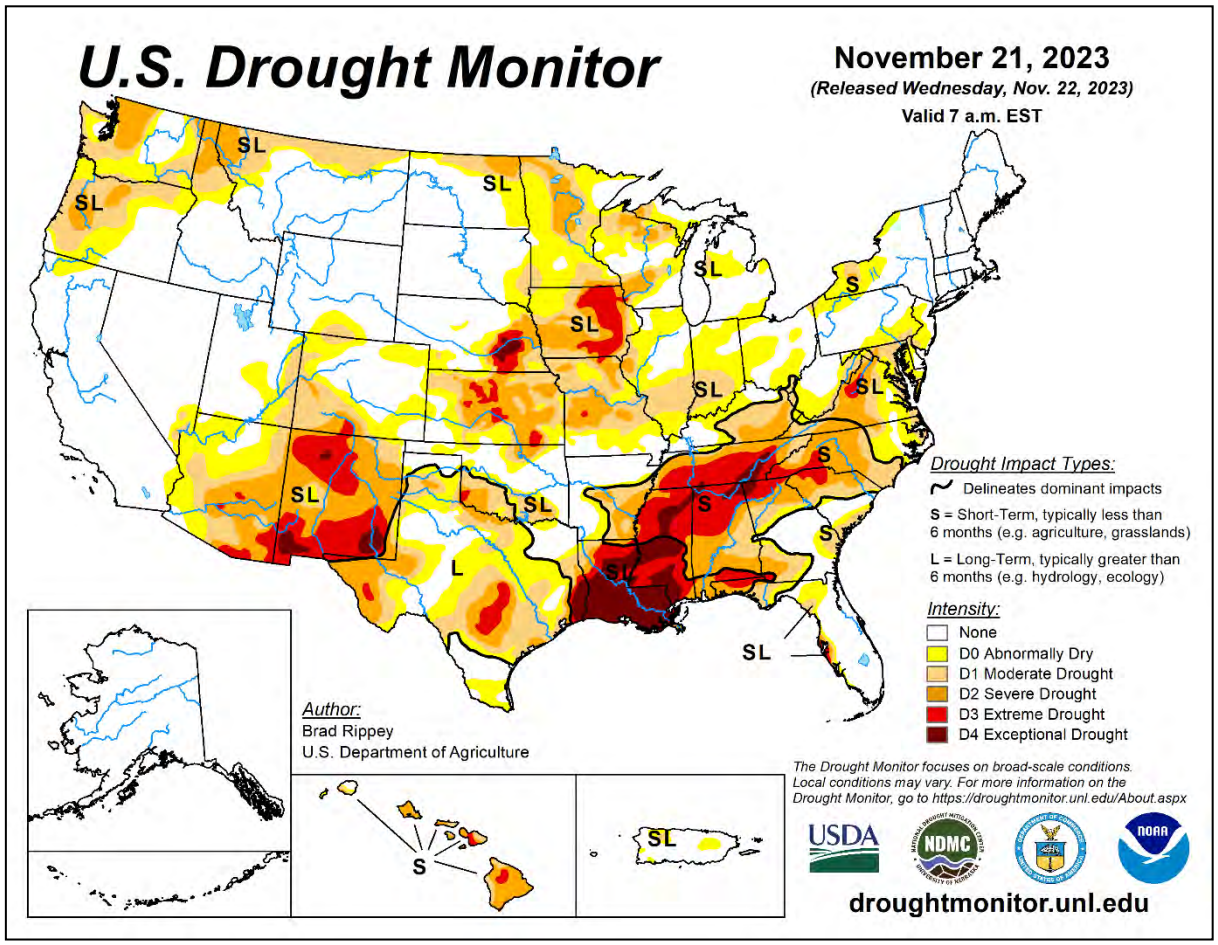
(Continued from front cover)
mostly positive implications for winter wheat. Late in the week, additional precipitation—in the form of the season's first significant snowfall—fell across portions of the **nation's mid-section**, providing wheat with insulation and additional moisture. Unsettled weather extended across the **Rockies**, **Intermountain West**, and **Pacific Northwest**, with heavy snow blanketing some areas. In contrast, mostly dry weather favored late-autumn fieldwork in several regions, including large sections of the **northern Plains** and **upper Midwest**, as well as an area stretching from **California to the Rio Grande Valley**. Meanwhile, cool weather returned across much of the country, following more than 2 weeks of late-autumn warmth. Weekly temperatures averaged at least 5°F below normal in parts of the **Great Basin** and **Northeast**. Late-week temperatures below 0°F were scattered across the **northern and central Rockies** and neighboring areas, extending as far east as **western North Dakota**. However, warm weather lingered for much of the week in a few areas, including the **Southeast**.

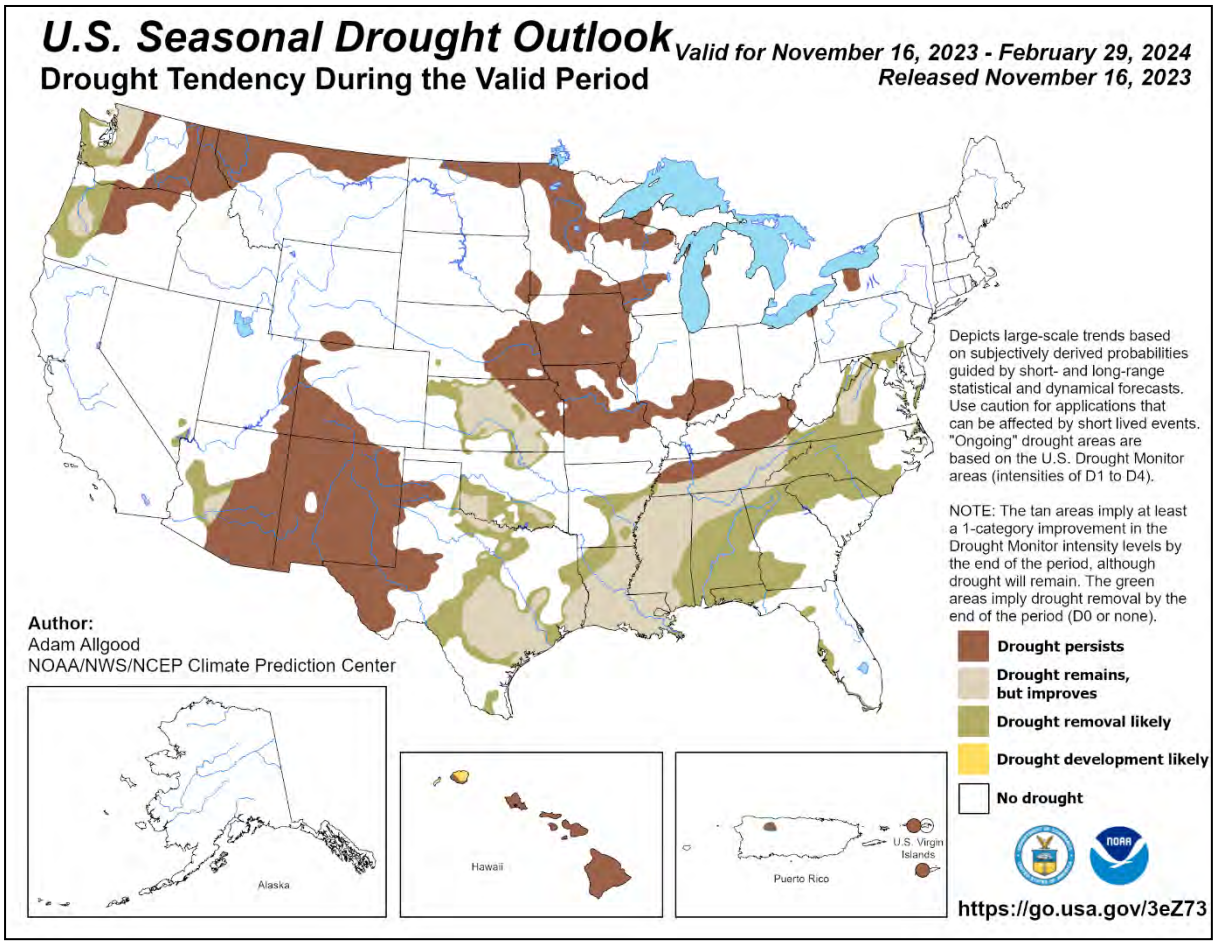


Southern warmth generally peaked early in the week, with daily-record highs for November 20 soaring to 84°F in **Lafayette, LA**, and 82°F in **Jackson, MS**. Some warmth also briefly appeared in **coastal California**, where **San Francisco International Airport** tied a daily record with a high of 69°F on the 20th. By mid-week, lingering warmth in **southern Florida** led to a daily record-tying high (86°F on November 22) in **Miami**. Meanwhile, a surge of mild air in advance of a storm system led to a handful of daily-record highs, including 59°F in **Laramie, WY**, on November 22. However, just 3 days later, on the 25th, the temperature in **Laramie** dipped to 2°F. Sub-zero readings were reported on November 25 in several **Wyoming** locations, including **Casper** (-10°F), **Big Piney** (-6°F), and **Douglas** (-5°F). Chilly conditions extended to the **Pacific Coast**, where **North Bend, OR**, posted a daily-record low of 28°F on November 25.

During the transition to colder weather in the **Rockies**, heavy snow fell. In **Wyoming**, November 23-24 snowfall included 8.5 inches in **Cheyenne**, 10.5 inches in **Casper**, and 22.9 inches in **Lander**. Much of **Lander's** snow, 18.8 inches, fell on November 23, Thanksgiving Day, becoming the ninth-snowiest day on record in that location. It was also **Lander's** snowiest November day since 1985, when 20.7 inches fell on the 13th. Snow extended to other **Northwestern** locations, with **Pocatello, ID**, reporting daily-record snowfall totals of 4.9 and 5.5 inches, respectively, on November 19 and 23. By November 24, snow began to spread across the **central Plains**, where **North Platte, NE**, measured a daily-record sum of 4.4 inches. The following day in **Kansas**, snowfall records for the 25th included 7.8 inches in **Wichita**, 6.3 inches in **Topeka**, and 5.3 inches in **Dodge City**. For **Wichita**, a November snowfall total exceeding one-half foot has occurred in November only six other times: 1888, 1906, 1951, 1952, 1984, and 1987, with a monthly maximum value of 9.0 inches in 1888. Farther east, heavy rain erupted across parts of the **southern and eastern U.S.** from November 20-22. **McComb, MS**, collected a daily-record rainfall of 3.06 inches on the 20th, the same day more than a dozen tornadoes were spotted in the **central Gulf Coast States**. By November 21, daily-record rainfall topped 2 inches in locations such as **Harrisburg, PA** (2.31 inches); **Martinsburg, WV** (2.27 inches); **Roanoke, VA** (2.23 inches); and **Gulfport, MS** (2.21 inches). The rainfall effectively ended the **Eastern** wildfire season, shortly after the Matts Creek Fire near **Big Island, VA**, grew to more than 11,000 acres. On November 22, lingering downpours along the **Atlantic Coast** resulted in daily-record rainfall totals in **Wilmington, NC** (2.56 inches), and **Bridgeport, CT** (2.37 inches). At the height of the storm, on November 21, daily-record precipitation totals extended as far west as **Michigan**, where **Lansing** netted 0.92 inch. In some **Northern** areas, precipitation fell as wet snow, with **Worcester, MA**, collecting 2.8 inches on November 21-22, prior to a transition to freezing rain and rain.

Ongoing wetness in **southeastern Alaska** contributed to a deadly landslide—with at least four fatalities—on the evening of November 20 near **Wrangell**. More than 150 miles to the north, in **Juneau**, measurable precipitation fell on each of the 14 days from November 13-26, totaling 5.13 inches. **Juneau** also received 6.5 inches of snow, all on November 14 and 19-21. Elsewhere in **southeastern Alaska**, month-to-date precipitation through November 26 totaled 14.24 inches (165 percent of normal) in **Sitka**; 18.03 inches (153 percent) in **Yakutat**; and 22.71 inches (152 percent) in **Ketchikan**. A particularly wet period occurred in **Ketchikan** from November 16-20, when rainfall totaled 11.32 inches. Meanwhile, near- or above-normal temperatures covered the state, with weekly readings averaging at least 10°F above normal in parts of **interior and western Alaska**. On November 25, daily-record highs climbed to 48°F in **King Salmon** and 41°F in **Bethel**. The **Alaskan** warmth followed a brief cold snap, which featured the first sub-zero reading of the season (-2°F on November 20) in **Anchorage**. Four days later, on the 24th, **Anchorage** recorded 44°F, the highest reading in that location since October 18. Farther south, parts of **Hawaii** began to see a break in the drought that began during the summer. The most significant rain fell on **Kauai**, where **Lihue** received at least a trace each day from November 4-25, totaling 2.64 inches. Elsewhere, November 1-25 rainfall at the state's major airport observation sites ranged from 0.15 inch (8 percent of normal) in **Honolulu, Oahu**, to 3.43 inches (29 percent) in **Hilo**, on the **Big Island**. On Thanksgiving Day, November 23, a daily record-tying high of 89°F was reported in **Kahului, Maui**.


U.S. Drought Monitor
November 21, 2023
(Released Wednesday, Nov. 22, 2023)
Valid 7 a.m. EST
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
Author:
Brad Rippey
U.S. Department of Agriculture
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx
USDA
NDMC
NOAA
droughtmonitor.unl.edu


U.S. Seasonal Drought Outlook
Valid for November 16, 2023 - February 29, 2024
Released November 16, 2023
Drought Tendency During the Valid Period
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).
Drought persists
Drought remains, but improves
Drought removal likely
Drought development likely
No drought
Author:
Adam Allgood
NOAA/NWS/NCEP Climate Prediction Center
Alaska
Hawaii
U.S. Virgin Islands
Puerto Rico
https://go.usa.gov/3eZ73

National Weather Data for Selected Cities

Weather Data for the Week Ending November 25, 2023

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE ˚F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. ˚F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AK	ANCHORAGE	36	18	54	0	27	5	0.12	-0.15	0.06	9.34	157	23.54	156	92	60	0	6	3	0
	BARROW	17	4	27	-2	11	0	0.00	-0.08	0.00	0.00	0	4.59	91	91	80	0	7	0	0
	FAIRBANKS	17	1	28	-7	9	8	0.06	-0.11	0.04	2.57	93	9.47	86	83	70	0	7	2	0
	JUNEAU	41	35	46	25	38	6	1.73	0.19	0.54	29.66	128	63.77	107	93	76	0	3	7	1
	KODIAK	40	30	47	20	35	0	1.69	0.10	0.63	12.89	57	55.65	81	89	69	0	4	4	1
	NOME	31	18	40	4	24	9	0.07	-0.21	0.07	6.79	132	21.18	132	86	68	0	6	1	0
AL	BIRMINGHAM	64	41	72	35	53	1	0.44	-0.57	0.36	3.00	27	43.37	85	86	45	0	0	2	0
	HUNTSVILLE	62	39	74	31	51	0	1.73	0.66	1.29	3.51	33	38.51	81	94	52	0	1	3	1
	MOBILE	68	47	76	41	58	1	2.07	1.00	1.86	8.41	64	49.22	80	90	52	0	0	4	1
	MONTGOMERY	67	42	76	37	55	0	2.08	1.13	2.07	9.00	92	44.61	98	95	52	0	0	2	1
AR	FORT SMITH	58	37	66	31	48	-1	0.00	-0.81	0.00	8.72	74	38.41	88	94	45	0	1	0	0
	LITTLE ROCK	59	41	67	34	50	1	0.80	-0.32	0.80	6.96	61	49.97	112	87	44	0	0	1	1
AZ	FLAGSTAFF	47	25	57	19	36	1	0.38	-0.01	0.29	1.87	40	23.59	128	83	42	0	6	2	0
	PHOENIX	75	55	79	52	65	3	0.00	-0.15	0.00	0.32	20	3.20	50	50	20	0	0	0	0
	PRESCOTT	57	31	63	25	44	-1	0.00	-0.18	0.00	0.89	33	9.30	79	74	27	0	4	0	0
	TUCSON	72	48	75	45	60	1	0.14	-0.01	0.14	0.80	34	8.65	91	60	24	0	0	1	0
CA	BAKERSFIELD	66	44	75	39	55	1	0.00	-0.13	0.00	0.33	45	8.59	166	75	30	0	0	0	0
	EUREKA	58	38	61	33	48	-2	0.06	-1.24	0.06	6.96	102	27.87	89	94	56	0	0	1	0
	FRESNO	65	43	71	38	54	1	0.01	-0.20	0.01	0.20	15	12.82	142	83	33	0	0	1	0
	LOS ANGELES	74	55	82	51	64	3	0.00	-0.23	0.00	0.17	14	21.80	222	76	25	0	0	0	0
	REDDING	66	42	71	36	54	3	0.00	-0.95	0.00	3.83	75	32.34	122	69	24	0	0	0	0
	SACRAMENTO	64	40	70	35	52	0	0.00	-0.46	0.00	1.06	47	14.34	100	87	34	0	0	0	0
	SAN DIEGO	70	53	77	50	62	0	0.01	-0.21	0.01	0.22	18	13.11	165	81	40	0	0	1	0
	SAN FRANCISCO	65	51	68	48	58	3	0.00	-0.56	0.00	1.17	48	21.10	140	71	35	0	0	0	0
	STOCKTON	65	39	69	33	52	0	0.00	-0.36	0.00	0.67	35	13.94	129	88	35	0	0	0	0
CO	ALAMOSA	46	11	50	5	29	2	0.00	-0.08	0.00	1.31	67	3.84	54	87	30	0	7	0	0
	CO SPRINGS	46	26	68	15	36	-1	0.02	-0.05	0.02	2.45	100	24.88	159	78	39	0	5	1	0
	DENVER INTL	46	24	68	12	35	-2	0.18	0.05	0.09	1.28	44	18.36	130	74	40	0	5	4	0
	GRAND JUNCTION	48	28	53	16	38	1	0.52	0.39	0.24	1.31	48	6.86	81	90	48	0	5	3	0
	PUEBLO	49	26	70	18	38	0	0.03	-0.06	0.02	1.71	94	11.43	97	74	38	0	6	2	0
CT	BRIDGEPORT	50	33	54	24	41	-3	2.26	1.50	1.99	13.52	131	43.05	109	79	45	0	5	2	1
	HARTFORD	46	28	54	21	37	-3	1.08	0.23	0.74	16.46	140	56.08	132	82	45	0	5	2	1
DC	WASHINGTON	56	40	61	34	48	1	2.15	1.49	2.15	6.69	66	28.98	76	79	43	0	0	1	1
DE	WILMINGTON	54	33	58	24	44	-1	2.05	1.33	1.83	8.20	77	42.52	103	85	46	0	4	2	1
FL	DAYTONA BEACH	74	59	81	52	67	1	0.02	-0.58	0.02	21.42	149	55.48	114	95	66	0	0	1	0
	JACKSONVILLE	72	52	79	43	62	1	0.28	-0.19	0.24	12.96	98	43.23	86	94	59	0	0	3	0
	KEY WEST	81	75	84	73	78	2	0.07	-0.33	0.05	14.53	99	28.80	75	90	71	0	0	2	0
	MIAMI	85	72	86	69	78	5	0.02	-0.69	0.02	27.37	130	73.58	114	85	58	0	0	1	0
	ORLANDO	78	61	84	56	70	3	0.04	-0.34	0.04	14.39	127	44.75	92	93	53	0	0	1	0
	PENSACOLA	69	51	77	41	60	0	0.61	-0.44	0.58	8.08	54	52.10	83	84	46	0	0	2	1
	TALLAHASSEE	72	49	80	40	60	2	0.26	-0.53	0.18	9.07	84	46.36	85	97	54	0	0	3	0
	TAMPA	76	61	85	56	69	0	0.11	-0.22	0.08	7.18	75	30.98	66	89	57	0	0	2	0
	WEST PALM BEACH	83	69	87	66	76	4	2.21	1.44	1.34	22.02	130	68.39	118	89	58	0	0	3	2
GA	ATHENS	63	44	68	35	53	2	0.87	-0.04	0.87	2.86	27	44.78	102	88	50	0	0	1	1
	ATLANTA	64	47	70	40	55	3	1.23	0.30	1.23	4.98	47	36.97	81	85	56	0	0	1	1
	AUGUSTA	67	44	72	36	55	1	0.81	0.16	0.47	11.20	134	57.23	143	97	51	0	0	3	0
	COLUMBUS	68	46	76	39	57	1	1.34	0.34	1.34	6.92	73	44.43	102	93	48	0	0	1	1
	MACON	69	45	77	37	57	3	0.63	-0.20	0.61	5.19	57	41.44	99	96	52	0	0	2	1
	SAVANNAH	70	51	76	44	60	3	0.69	0.09	0.46	3.72	37	36.68	82	93	56	0	0	4	0
HI	HILO	82	68	84	64	75	1	0.29	-3.24	0.15	10.95	35	85.64	80	95	62	0	0	5	0
	HONOLULU	83	71	85	69	77	0	0.13	-0.35	0.09	0.84	19	10.61	76	94	65	0	0	4	0
	KAHULUI	86	67	89	64	76	0	0.28	-0.19	0.28	0.65	23	10.10	77	95	54	0	0	1	0
	LIHUE	81	71	82	67	76	0	1.09	0.13	0.65	4.71	53	36.26	117	93	67	0	0	6	1
IA	BURLINGTON	46	31	58	26	38	0	0.20	-0.28	0.20	3.46	40	24.93	69	88	51	0	5	1	0
	CEDAR RAPIDS	44	27	59	21	36	2	0.15	-0.28	0.12	4.20	52	17.19	50	87	48	0	6	3	0
	DES MOINES	45	29	59	22	37	1	0.22	-0.19	0.16	4.54	59	23.21	66	79	39	0	5	2	0
	DUBUQUE	42	28	54	20	35	2	0.21	-0.27	0.10	8.11	94	29.20	81	85	48	0	5	3	0
	SIOUX CITY	43	24	61	17	34	1	0.19	-0.11	0.15	6.55	108	23.17	82	85	46	0	6	3	0
	WATERLOO	44	26	60	17	35	0	0.10	-0.28	0.06	5.33	71	21.26	61	83	46	0	6	3	0
ID	BOISE	46	29	52	19	38	0	0.56	0.26	0.54	2.61	118	9.67	99	87	47	0	6	2	1
	LEWISTON	45	34	54	27	40	0	0.06	-0.21	0.05	4.12	152	9.43	81	89	57	0	2	2	0
	POCATELLO	36	19	45	7	28	-5	1.45	1.21	0.78	5.47	206	13.06	124	98	72	0	7	3	2
IL	CHICAGO/O_HARE	45	33	54	24	39	0	0.56	0.02	0.43	6.25	72	30.14	85	82	55	0	3	2	0
	MOLINE	46	31	61	24	39	1	0.39	-0.12	0.26	8.30	102	25.79	71	83	48	0	5	2	0
	PEORIA	48	33	63	28	40	1	0.52	-0.07	0.41	5.48	61	29.94	85	81	48	0	4	2	0
	ROCKFORD	43	27	55	17	35	-1	0.58	0.07	0.42	7.54	92	28.67	82	88	51	0	6	2	0
	SPRINGFIELD	47	33	61	27	40	-1	0.44	-0.17	0.40	6.23	73	30.40	85	87	55	0	3	2	0
IN	EVANSVILLE	54	35	60	28	44	0	0.46	-0.54	0.43	4.56	45	37.96	87	91	49	0	4	2	0
	FORT WAYNE	46	31	57	21	38	0	0.38	-0.33	0.32	5.37	63	31.16	85	85	58	0	3	2	0
	INDIANAPOLIS	49	35	59	29	42	1	0.24	-0.58	0.12	4.74	51	32.60	81	89	54	0	3	2	0
	SOUTH BEND	46	31	57	19	38	1	0.41	-0.20	0.38	8.18	85	36.26	99	85	57	0	4	3	0
KS	CONCORDIA	47	33	64	24	40	1	1.28	1.02	0.83	5.24	90	22.41	82	83	46	0	5	3	1
	DODGE CITY	48	30	66	19	39	-1	0.45	0.30	0.37	3.35	83	21.05	100	84	50	0	5	2	0
	GOODLAND	45	25	71	15	35	-2	0.28	0.18	0.14	0.65	19	19.76	106	85	48	0	6	3	0
	TOPEKA	46	32	55	25	39	-3	1.28	0.89	0.53	3.66	46	20.53	59	85	51	0	5	3	1

Based on 1991-2020 normals ***** Not Available**

Weather Data for the Week Ending November 25, 2023

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEP 1	PCT. NORMAL SINCE SEP 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
	WICHITA	49	33	59	26	41	-2	2.37	2.09	1.11	9.50	134	27.35	83	89	55	0	5	3	2
KY	LEXINGTON	54	35	61	29	44	1	1.47	0.65	1.30	4.80	48	38.28	85	87	54	0	4	2	1
	LOUISVILLE	55	38	61	33	47	1	1.14	0.30	0.75	4.91	48	36.59	83	82	45	0	0	2	1
	PADUCAH	56	35	62	30	46	0	0.58	-0.40	0.57	5.65	51	51.93	114	93	49	0	4	2	1
LA	BATON ROUGE	69	47	86	43	58	1	1.48	0.63	1.34	7.63	61	41.83	74	91	51	0	0	3	1
	LAKE CHARLES	68	48	82	42	58	-2	0.69	-0.24	0.58	5.16	38	35.70	65	92	51	0	0	2	1
	NEW ORLEANS	68	54	83	50	61	0	0.82	-0.05	0.73	7.19	59	29.15	50	90	61	0	0	3	1
	SHREVEPORT	65	45	72	36	55	1	***	***	***	***	***	***	***	90	43	0	0	***	***
MA	BOSTON	47	32	53	27	39	-3	1.17	0.31	1.05	6.16	58	41.08	106	75	44	0	4	2	1
	WORCESTER	42	28	49	20	35	-3	0.96	0.01	0.64	13.37	108	55.43	128	80	47	0	6	2	1
MD	BALTIMORE	55	36	61	29	46	1	2.27	1.56	2.27	9.84	89	34.55	84	82	43	0	1	1	1
ME	CARIBOU	32	20	37	6	26	-4	0.61	-0.16	0.57	9.52	93	35.72	97	85	60	0	7	3	1
	PORTLAND	43	25	51	17	34	-4	1.83	0.85	1.83	10.07	80	47.70	111	88	50	0	5	1	1
MI	ALPENA	38	24	42	18	31	-3	0.37	-0.10	0.37	4.89	64	27.51	100	92	55	0	6	1	0
	GRAND RAPIDS	41	28	52	18	34	-3	0.73	0.06	0.73	8.17	81	33.21	91	90	59	0	6	1	1
	HOUGHTON LAKE	34	22	44	21	28	-6	0.00	-0.22	0.00	4.17	60	19.44	93	94	66	0	2	0	0
	LANSING	42	26	49	18	34	-3	0.93	0.39	0.93	8.53	105	33.95	109	88	57	0	5	1	1
	MUSKEGON	44	30	54	22	37	-2	0.59	-0.05	0.49	7.98	83	28.71	89	81	52	0	4	3	0
	TRAVERSE CITY	40	29	46	23	35	-2	0.26	-0.23	0.25	6.93	78	22.79	84	85	52	0	5	2	0
MN	DULUTH	36	20	45	11	28	1	0.02	-0.41	0.01	12.97	160	31.54	107	82	48	0	7	2	0
	INT_L FALLS	36	17	47	9	26	4	0.16	-0.11	0.12	5.76	89	22.60	93	88	46	0	7	2	0
	MINNEAPOLIS	41	26	55	13	34	2	0.01	-0.35	0.01	9.95	143	26.86	89	76	43	0	6	1	0
	ROCHESTER	39	22	55	11	31	0	0.05	-0.34	0.03	8.26	109	28.08	84	86	52	0	6	2	0
	ST. CLOUD	40	21	55	9	31	3	0.06	-0.22	0.05	6.55	96	24.30	88	82	40	0	6	2	0
MO	COLUMBIA	49	31	57	23	40	-3	0.37	-0.22	0.37	3.81	39	30.12	77	82	48	0	4	1	0
	KANSAS CITY	45	31	55	24	38	-3	1.10	0.66	0.53	5.43	60	31.82	85	88	53	0	5	3	1
	SAINT LOUIS	51	37	61	30	44	0	0.49	-0.28	0.49	5.32	58	29.41	76	76	43	0	1	1	0
	SPRINGFIELD	51	34	64	26	42	-2	0.17	-0.56	0.09	8.45	77	41.00	98	88	55	0	4	4	0
MS	JACKSON	65	41	82	35	53	0	0.65	-0.37	0.63	2.69	24	36.53	71	96	51	0	0	3	1
	MERIDIAN	66	40	75	35	53	-1	1.08	0.09	1.00	3.61	34	51.13	100	97	49	0	0	3	1
	TUPELO	64	40	73	32	52	1	0.80	-0.37	0.80	2.66	24	43.30	85	91	46	0	1	1	1
MT	BILLINGS	44	26	56	14	35	1	0.00	-0.13	0.00	2.61	80	16.54	121	75	42	0	6	0	0
	BUTTE	36	18	45	4	27	2	0.02	-0.11	0.01	4.11	169	17.31	141	86	49	0	7	2	0
	CUT BANK	43	22	57	8	32	4	0.02	-0.06	0.02	1.54	75	7.81	75	82	51	0	6	1	0
	GLASGOW	42	20	54	8	31	4	0.02	-0.08	0.02	2.20	92	12.74	98	81	47	0	7	1	0
	GREAT FALLS	43	25	56	11	34	2	0.02	-0.12	0.02	4.55	152	17.07	120	81	50	0	5	1	0
	HAVRE	43	23	54	13	33	5	0.02	-0.08	0.02	3.17	142	11.12	97	87	49	0	7	1	0
	MISSOULA	40	23	47	12	31	1	0.02	-0.24	0.02	3.14	100	12.48	97	88	54	0	7	1	0
NC	ASHEVILLE	56	38	65	31	47	1	0.77	-0.16	0.77	3.23	30	31.66	70	88	48	0	1	1	1
	CHARLOTTE	62	41	66	35	51	2	2.33	1.54	2.04	4.10	42	38.78	98	85	48	0	0	2	1
	GREENSBORO	57	35	62	31	46	-2	1.57	0.81	1.53	7.41	71	37.55	93	85	45	0	2	2	1
	HATTERAS	63	51	71	43	57	0	2.12	1.06	2.12	10.84	63	41.09	73	92	64	0	0	1	1
	RALEIGH	62	39	69	33	51	1	1.42	0.65	0.87	9.06	80	37.50	89	86	46	0	0	2	2
	WILMINGTON	65	44	74	38	55	0	2.74	1.89	2.57	7.70	47	49.47	88	88	52	0	0	2	1
ND	BISMARCK	42	19	54	5	30	3	0.04	-0.10	0.03	4.83	129	19.95	108	86	35	0	6	2	0
	DICKINSON	42	15	51	0	28	0	0.00	-0.07	0.00	3.73	115	14.63	95	86	35	0	7	0	0
	FARGO	40	20	57	6	30	4	0.03	-0.17	0.03	3.53	62	18.67	81	75	44	0	6	1	0
	GRAND FORKS	39	17	56	7	28	5	0.02	-0.15	0.02	4.86	97	13.78	65	77	42	0	6	1	0
	JAMESTOWN	38	17	56	6	28	3	0.00	-0.07	0.00	3.74	91	15.89	82	76	38	0	5	0	0
NE	GRAND ISLAND	44	29	66	20	37	0	0.74	0.48	0.56	3.07	62	14.26	55	85	47	0	5	3	1
	LINCOLN	44	28	60	22	36	-1	0.45	0.17	0.22	2.44	39	18.27	65	84	45	0	5	3	0
	NORFOLK	43	27	65	16	35	1	0.52	0.24	0.35	9.33	168	24.85	96	83	48	0	5	4	0
	NORTH PLATTE	45	25	68	12	35	1	0.51	0.42	0.41	2.79	75	20.87	101	89	49	0	5	3	0
	OMAHA	43	28	56	22	36	-2	0.35	0.04	0.22	3.52	54	23.02	75	86	44	0	5	4	0
	SCOTTSBLUFF	47	22	71	7	34	0	0.38	0.27	0.23	3.13	105	19.45	129	89	47	0	7	2	0
	VALENTINE	45	26	69	16	35	2	0.15	0.04	0.06	7.50	206	30.87	151	88	43	0	4	3	0
NH	CONCORD	42	22	49	12	32	-4	1.09	0.30	0.93	8.04	73	34.03	90	91	49	0	6	2	1
NJ	ATLANTIC_CITY	54	32	60	24	43	-2	2.28	1.51	1.26	11.28	107	34.28	83	86	50	0	5	2	2
	NEWARK	53	37	58	31	45	0	2.24	1.45	1.33	12.07	117	42.90	102	72	42	0	2	2	2
NM	ALBUQUERQUE	51	34	56	28	42	-1	0.37	0.23	0.18	2.05	81	4.14	50	89	45	0	3	4	0
NV	ELY	41	17	60	8	29	-3	0.61	0.47	0.30	1.91	96	11.39	131	91	49	0	7	3	0
	LAS VEGAS	62	48	66	44	55	1	0.00	-0.08	0.00	1.36	156	4.15	113	43	20	0	0	0	0
	RENO	48	28	54	24	38	-4	0.11	-0.06	0.08	0.94	78	10.09	164	75	37	0	6	2	0
	WINNEMUCCA	41	24	50	16	32	-4	0.12	0.00	0.12	2.56	166	8.05	127	83	51	0	5	1	0
NY	ALBANY	44	26	50	17	35	-3	0.70	-0.02	0.56	7.24	72	40.26	109	81	49	0	5	2	1
	BINGHAMTON	42	28	47	23	35	-1	0.37	-0.36	0.35	7.94	76	38.87	101	82	59	0	5	2	0
	BUFFALO	42	29	48	24	35	-3	1.12	0.31	1.04	8.69	78	35.38	97	83	58	0	6	2	1
	ROCHESTER	43	30	50	24	36	-3	1.16	0.52	1.06	5.39	62	33.37	104	83	55	0	5	3	1
	SYRACUSE	44	30	50	24	37	-1	0.78	0.04	0.59	6.80	68	38.27	106	77	50	0	5	2	1
OH	AKRON-CANTON	44	31	52	25	38	-3	0.52	-0.20	0.50	4.34	46	34.24	89	92	57	0	5	2	1
	CINCINNATI	50	33	58	28	42	-1	0.81	0.02	0.76	5.90	64	36.96	90	95	54	0	5	2	1
	CLEVELAND	47	35	52	27	41	-1	0.52	-0.27	0.48	6.96	67	40.17	107	84	57	0	2	2	0
	COLUMBUS	49	33	58	25	41	-1	0.87	0.20	0.87	5.50	65	37.63	99	94	54	0	4	1	1
	DAYTON	49	32	57	21	40	-1	0.35	-0.40	0.28	4.26	48	32.09	85	85	51	0	3	2	0
	MANSFIELD	44	30	51	22	37	-2	0.59	-0.15	0.59	5.15	56	39.13	100	91	62	0	5	1	1

Based on 1991-2020 normals ***** Not Available**

Weather Data for the Week Ending November 25, 2023

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEP 1	PCT. NORMAL SINCE SEP 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
	TOLEDO	47	33	56	20	40	-1	0.48	-0.16	0.47	5.21	67	28.89	90	83	54	0	2	2	0
	YOUNGSTOWN	45	31	53	23	38	-1	0.72	0.04	0.70	5.85	60	32.94	87	87	55	0	4	2	1
OK	OKLAHOMA CITY	56	37	66	29	47	0	1.18	0.85	0.77	7.51	88	32.91	95	89	50	0	2	2	1
	TULSA	56	34	65	28	45	-3	0.41	-0.11	0.19	9.00	90	34.59	90	86	47	0	4	3	0
OR	ASTORIA	53	36	56	30	44	-1	0.52	-2.19	0.42	14.45	78	44.91	77	97	59	0	3	3	0
	BURNS	42	20	47	9	31	-2	0.07	-0.19	0.06	1.69	85	11.95	137	87	46	0	7	2	0
	EUGENE	53	35	69	24	44	0	0.16	-1.34	0.11	7.00	75	21.54	66	96	65	0	2	2	0
	MEDFORD	55	32	62	24	43	0	0.09	-0.57	0.08	4.98	131	10.67	74	94	45	0	2	2	0
	PENDLETON	46	30	53	23	38	-1	0.13	-0.19	0.12	3.68	132	8.45	76	90	56	0	4	2	0
	PORTLAND	53	38	55	29	46	0	0.25	-1.07	0.22	8.74	93	26.45	87	89	55	0	2	2	0
	SALEM	49	33	53	26	41	-4	0.37	-1.12	0.33	10.09	103	28.15	88	96	67	0	2	2	0
PA	ALLENTOWN	49	30	54	23	39	-2	1.77	0.97	1.53	7.40	63	36.30	84	82	46	0	5	2	1
	ERIE	44	35	49	28	39	-2	0.16	-0.72	0.11	7.13	60	37.42	98	82	52	0	3	2	0
	MIDDLETOWN	51	33	58	26	42	0	2.33	1.65	2.32	9.26	83	32.22	80	79	43	0	5	2	1
	PHILADELPHIA	54	37	59	29	46	0	1.79	1.10	1.28	8.47	82	33.06	83	76	43	0	2	2	2
	PITTSBURGH	47	33	55	25	40	0	0.97	0.30	0.93	6.02	70	28.23	77	85	51	0	3	2	1
	WILKES-BARRE	46	31	53	23	38	-2	1.35	0.70	1.22	12.00	117	38.74	109	78	49	0	5	2	1
	WILLIAMSPORT	49	31	55	24	40	0	1.24	0.44	1.14	6.51	58	36.06	90	85	45	0	5	2	1
RI	PROVIDENCE	48	29	57	23	39	-4	1.80	0.75	1.60	11.49	97	49.15	116	88	46	0	5	2	1
SC	CHARLESTON	69	49	73	43	59	3	1.11	0.48	0.79	11.82	94	46.43	95	92	53	0	0	4	1
	COLUMBIA	65	47	68	38	56	4	2.20	1.53	1.46	8.83	94	49.93	121	93	50	0	0	2	2
	FLORENCE	65	44	70	38	54	1	1.24	0.61	0.99	5.35	52	37.27	90	90	48	0	0	2	1
	GREENVILLE	60	40	66	33	50	0	0.80	-0.15	0.78	2.52	24	45.52	102	86	47	0	0	2	1
SD	ABERDEEN	44	19	60	5	31	3	0.04	-0.11	0.02	4.71	98	21.72	102	82	41	0	6	2	0
	HURON	42	23	62	8	33	3	0.05	-0.13	0.04	6.11	120	17.30	76	82	44	0	5	2	0
	RAPID CITY	44	23	65	11	33	1	0.13	0.04	0.07	3.86	126	20.59	120	83	40	0	6	3	0
	SIOUX FALLS	43	25	60	13	34	2	0.01	-0.28	0.01	3.02	49	16.81	62	73	40	0	6	1	0
TN	BRISTOL	59	36	65	28	47	3	0.73	-0.06	0.73	2.78	35	35.13	88	95	43	0	4	1	1
	CHATTANOOGA	63	43	70	35	53	4	2.76	1.52	2.76	3.23	27	40.72	83	86	45	0	0	1	1
	KNOXVILLE	61	42	68	37	51	4	1.52	0.43	1.48	2.60	27	40.09	87	91	49	0	0	2	1
	MEMPHIS	60	42	67	35	51	0	1.54	0.37	1.54	5.30	49	50.79	104	90	49	0	0	1	1
	NASHVILLE	60	38	71	31	49	1	0.95	-0.04	0.61	4.42	43	34.28	75	88	46	0	1	2	1
TX	ABILENE	65	41	70	30	53	0	0.01	-0.24	0.01	5.48	81	21.21	89	84	40	0	1	1	0
	AMARILLO	55	33	69	22	44	-1	0.04	-0.11	0.03	1.13	27	15.44	81	84	30	0	4	2	0
	AUSTIN	65	47	82	39	56	-3	0.08	-0.52	0.08	9.70	98	22.95	69	90	52	0	0	1	0
	BEAUMONT	68	49	82	41	58	-2	0.07	-0.81	0.04	5.76	37	32.67	57	92	52	0	0	2	0
	BROWNSVILLE	74	59	85	50	66	-3	0.37	0.03	0.19	6.70	60	20.28	80	92	63	0	0	3	0
	CORPUS CHRISTI	72	55	82	43	63	-1	0.04	-0.37	0.04	8.38	81	25.68	86	94	58	0	0	1	0
	DEL RIO	70	51	81	43	60	2	0.00	-0.19	0.00	2.53	46	14.11	74	96	40	0	0	0	0
	EL PASO	65	42	71	32	54	2	0.00	-0.11	0.00	1.51	61	3.94	48	54	23	0	1	0	0
	FORT WORTH	65	44	76	39	55	0	0.17	-0.33	0.14	10.75	116	24.64	72	85	43	0	0	2	0
	GALVESTON	67	56	80	50	62	-2	0.07	-0.92	0.07	5.96	38	21.57	51	87	58	0	0	1	0
	HOUSTON	67	48	82	40	58	-3	0.07	-0.75	0.04	8.56	63	37.70	79	91	49	0	0	2	0
	LUBBOCK	60	36	73	28	48	1	0.03	-0.12	0.03	6.89	144	15.89	90	79	32	0	2	1	0
	MIDLAND	62	41	75	34	51	0	0.04	-0.12	0.04	5.09	146	6.84	53	87	36	0	0	1	0
	SAN ANGELO	65	41	76	32	53	-1	0.00	-0.21	0.00	7.88	132	17.00	85	90	43	0	2	0	0
	SAN ANTONIO	66	47	82	38	57	-2	0.16	-0.26	0.12	4.57	48	18.18	60	88	51	0	0	2	0
	VICTORIA	69	49	81	38	59	-2	0.00	-0.67	0.00	10.93	99	28.93	76	92	54	0	0	0	0
	WACO	64	41	78	34	53	-3	0.54	-0.01	0.35	9.93	103	25.60	77	91	46	0	0	3	0
	WICHITA FALLS	63	39	69	31	51	1	0.16	-0.17	0.10	5.69	78	20.21	77	88	44	0	1	2	0
UT	SALT LAKE CITY	44	32	49	29	38	-1	0.94	0.63	0.62	4.22	123	16.59	119	97	60	0	5	3	1
VA	LYNCHBURG	55	32	62	26	43	-1	2.23	1.40	2.23	6.69	67	37.97	98	90	42	0	4	1	1
	NORFOLK	59	43	67	36	51	0	1.74	1.06	1.59	5.50	46	41.44	91	89	52	0	0	2	1
	RICHMOND	58	37	63	32	47	0	1.92	1.21	1.38	8.15	77	33.81	81	83	44	0	2	2	2
	ROANOKE	56	37	64	30	46	0	2.21	1.44	2.21	5.65	59	28.82	73	80	43	0	1	1	1
	WASH/DULLES	55	33	60	29	44	0	2.15	1.44	2.15	9.80	96	28.90	73	84	43	0	4	1	1
VT	BURLINGTON	40	26	45	18	33	-4	0.40	-0.22	0.27	10.53	107	37.07	107	83	50	0	5	4	0
WA	OLYMPIA	51	31	54	26	41	-1	0.30	-1.67	0.12	11.56	83	30.11	72	92	62	0	4	3	0
	QUILLAYUTE	54	35	59	29	44	1	0.78	-2.83	0.66	25.43	91	66.17	77	86	55	0	3	2	1
	SEATTLE-TACOMA	49	37	53	30	43	-2	0.37	-1.12	0.20	11.85	110	25.99	79	91	59	0	1	3	0
	SPOKANE	41	28	46	18	35	0	0.11	-0.38	0.10	2.69	73	10.11	73	92	62	0	6	2	0
	YAKIMA	48	26	53	19	37	1	0.04	-0.16	0.04	1.21	77	5.44	85	86	43	0	7	1	0
WI	EAU CLAIRE	40	21	53	11	31	1	0.01	-0.39	0.01	5.92	77	24.67	78	80	42	0	6	1	0
	GREEN BAY	40	24	47	17	32	-1	0.07	-0.38	0.06	4.17	55	24.17	81	84	49	0	7	2	0
	LA CROSSE	43	26	55	15	34	0	0.02	-0.39	0.02	5.24	68	22.27	66	79	43	0	6	1	0
	MADISON	41	26	53	17	33	0	0.35	-0.14	0.31	6.34	78	27.50	78	89	45	0	6	2	0
	MILWAUKEE	44	33	50	24	38	1	0.71	0.20	0.63	8.65	110	30.69	94	73	53	0	3	2	1
WV	BECKLEY	49	33	53	26	41	-1	0.74	0.06	0.66	8.28	100	37.28	93	89	59	0	4	2	1
	CHARLESTON	53	34	59	28	44	-1	0.81	0.03	0.78	7.07	78	33.01	78	97	51	0	5	2	1
	ELKINS	51	29	54	22	40	-1	1.13	0.44	1.01	7.37	82	39.04	90	93	54	0	5	3	1
	HUNTINGTON	53	35	59	29	44	0	0.54	-0.22	0.54	4.10	47	30.27	73	87	47	0	3	1	1
WY	CASPER	38	15	55	-10	27	-5	0.40	0.26	0.27	2.87	106	15.19	131	87	54	0	6	2	0
	CHEYENNE	41	23	63	8	32	-2	0.59	0.46	0.40	1.93	64	18.65	125	78	43	0	5	3	0
	LANDER	41	19	58	2	30	1	1.26	1.08	0.98	3.80	125	17.05	136	84	47	0	7	3	1
	SHERIDAN	47	20	62	8	33	3	0.41	0.24	0.38	6.29	170	22.23	155	80	43	0	7	2	0

Based on 1991-2020 normals ***** Not Available**

National Agricultural Summary

November 20 – 26, 2023

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Much of Florida, the upper Midwest, Pacific Northwest, northern Plains, northern Rockies, Southwest, and Texas were drier than normal. In contrast, large parts of the mid-Atlantic, Great Plains, and Rockies, as well as parts of the Great Basin and Southeast, recorded at least twice the normal amount of weekly precipitation. Some locations in Alabama, Mississippi, and Virginia recorded at least 3 inches of rain during the week. Meanwhile, most of the nation was cooler than normal. Several locations in the Great Basin, northern New England, and the Rockies recorded weekly temperatures 6°F or more below normal. In contrast, above-normal temperatures were recorded in much of the upper Midwest, northern Plains, and Southeast, as well as parts of southern Arizona, California, the Rockies, and Washington. A few locations in Georgia recorded temperatures 8°F or more above normal.

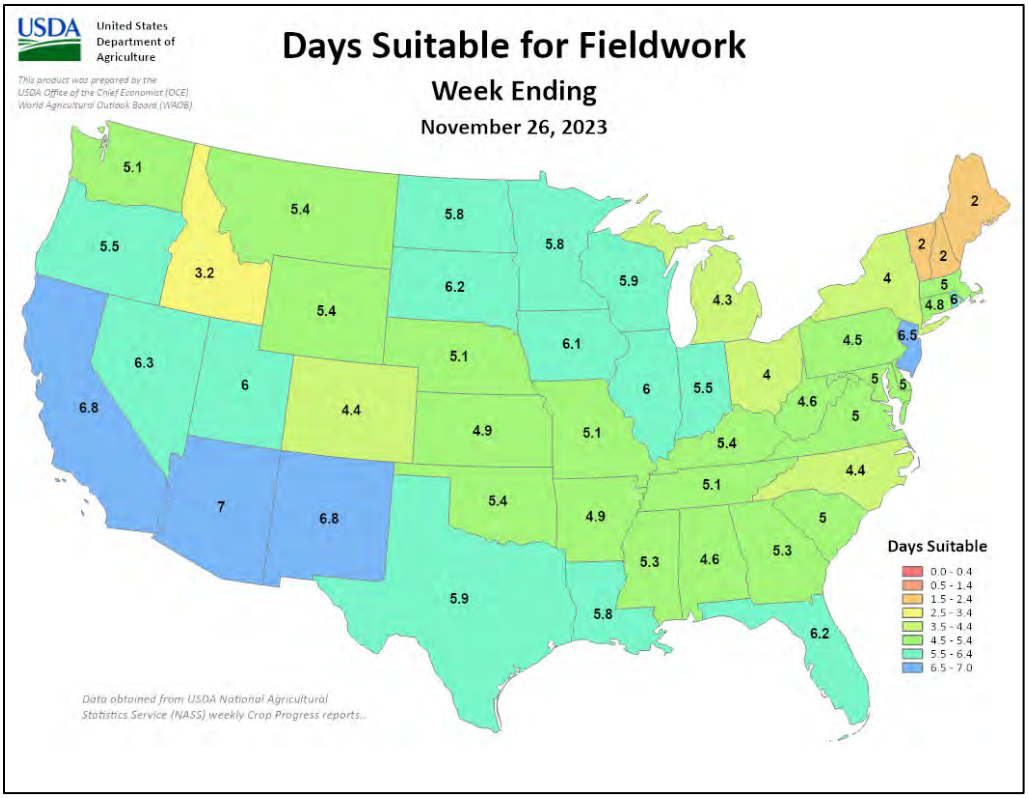
Cotton: By November 26, eighty-three percent of the nation's cotton acreage was harvested, equal to last year but 4 percentage points ahead of the 5-year average. Cotton harvest advanced 10 percentage points or more during the week in Georgia, Oklahoma, South Carolina, and Virginia.

Winter Wheat: Nationwide, 91 percent of the winter wheat acreage had emerged by November 26, one percentage point ahead of last year and 2 points ahead of the 5-year average. Winter wheat emergence advanced by 11 percentage points or more during the week in Arkansas, Missouri, and North Carolina. As of November 26, fifty percent of the 2024 winter wheat acreage was reported in good to excellent condition, 2 percentage points above the previous week and 16 points above the same time last year.

Corn: Ninety-six percent of the 2023 corn acreage was harvested by November 26, three percentage points behind last year but 1 point ahead of the 5-year average. Harvest progress was complete or nearing completion in 14 of the 18 estimating states.

Other Crops: Ninety-six percent of the nation's peanut acreage was harvested as of November 26, one percentage point behind last year but 1 point ahead of the 5-year average. Peanut harvest progress was complete or nearing completion in seven of the eight estimating states.

By November 26, eighty-six percent of this year's sunflower crop was harvested, 12 percentage points behind last year but 2 points ahead of the 5-year average. Sunflower harvest advanced 10 percentage points during the week in North Dakota.



Crop Progress and Condition

Week Ending November 26, 2023

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

Corn Percent Harvested

	Prev Year	Prev Week	Nov 26 2023	5-Yr Avg
CO	98	91	95	98
IL	99	97	99	97
IN	98	90	95	95
IA	100	97	99	96
KS	100	100	100	98
KY	100	95	99	99
MI	94	67	79	83
MN	100	97	98	97
MO	99	97	99	98
NE	100	95	98	97
NC	100	100	100	100
ND	100	87	93	82
OH	95	81	86	89
PA	89	70	80	87
SD	100	93	96	91
TN	100	98	99	100
TX	100	100	100	99
WI	86	78	85	85
18 Sts	99	93	96	95

These 18 States harvested 94% of last year's corn acreage.

Cotton Percent Harvested

	Prev Year	Prev Week	Nov 26 2023	5-Yr Avg
AL	90	89	91	86
AZ	67	62	70	72
AR	100	100	100	99
CA	98	75	80	91
GA	85	67	78	79
KS	90	73	80	63
LA	100	100	100	99
MS	100	99	100	96
MO	98	98	99	96
NC	93	86	92	84
OK	83	74	84	78
SC	78	73	84	77
TN	94	95	96	92
TX	76	68	74	73
VA	90	71	84	83
15 Sts	83	77	83	79

These 15 States harvested 98% of last year's cotton acreage.

Peanuts Percent Harvested

	Prev Year	Prev Week	Nov 26 2023	5-Yr Avg
AL	99	94	96	96
FL	100	97	98	99
GA	98	92	97	97
NC	100	97	98	94
OK	97	97	100	93
SC	98	91	97	92
TX	86	75	85	84
VA	100	100	100	99
8 Sts	97	92	96	95

These 8 States harvested 96% of last year's peanut acreage.

Sunflowers Percent Harvested

	Prev Year	Prev Week	Nov 26 2023	5-Yr Avg
CO	96	96	98	95
KS	96	90	92	93
ND	95	72	82	82
SD	99	80	89	84
4 Sts	98	78	86	84

These 4 States harvested 87% of last year's sunflower acreage.

Winter Wheat Percent Emerged

	Prev Year	Prev Week	Nov 26 2023	5-Yr Avg
AR	84	77	90	82
CA	54	35	40	47
CO	100	95	96	96
ID	97	100	100	98
IL	83	90	93	90
IN	92	81	89	91
KS	86	91	93	90
MI	100	86	93	93
MO	91	81	92	82
MT	99	95	97	91
NE	100	100	100	100
NC	71	60	76	63
OH	96	95	99	96
OK	94	89	94	93
OR	89	80	85	82
SD	94	96	100	98
TX	84	73	78	80
WA	97	100	100	95
18 Sts	90	87	91	89

These 18 States planted 88% of last year's winter wheat acreage.

Winter Wheat Condition by Percent

	VP	P	F	G	EX
AR	3	5	34	51	7
CA	0	0	0	30	70
CO	0	2	33	59	6
ID	1	1	16	81	1
IL	2	5	21	57	15
IN	1	4	25	61	9
KS	16	16	36	28	4
MI	0	10	44	39	7
MO	0	5	24	65	6
MT	0	5	37	21	37
NE	3	11	37	40	9
NC	0	1	28	66	5
OH	0	2	18	65	15
OK	1	6	40	50	3
OR	0	23	40	33	4
SD	4	4	40	46	6
TX	9	10	35	35	11
WA	2	9	37	42	10
18 Sts	6	9	35	41	9
Prev Wk	7	10	35	39	9
Prev Yr	10	16	40	28	6

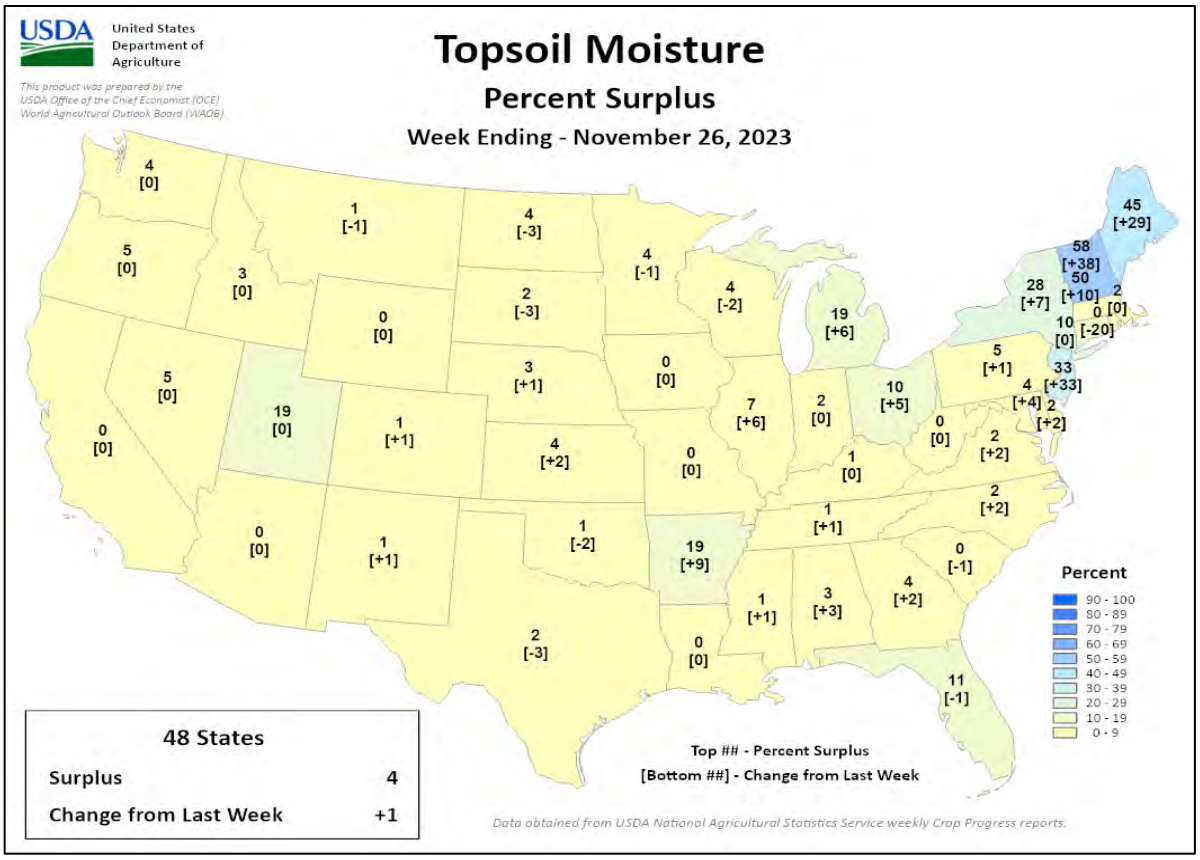
VP - Very Poor; P - Poor;
F - Fair;
G - Good; EX - Excellent

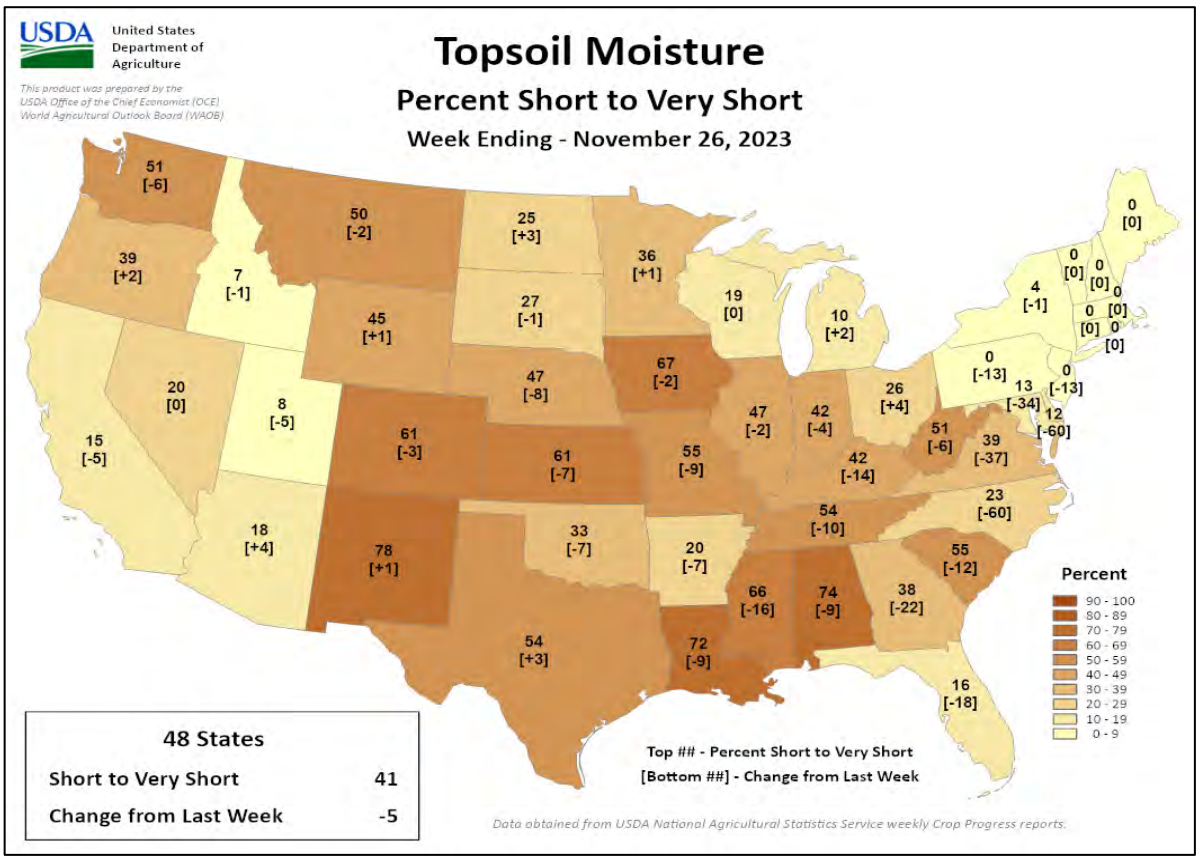
NA - Not Available
*** Revised**

Crop Progress and Condition

Week Ending November 26, 2023

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

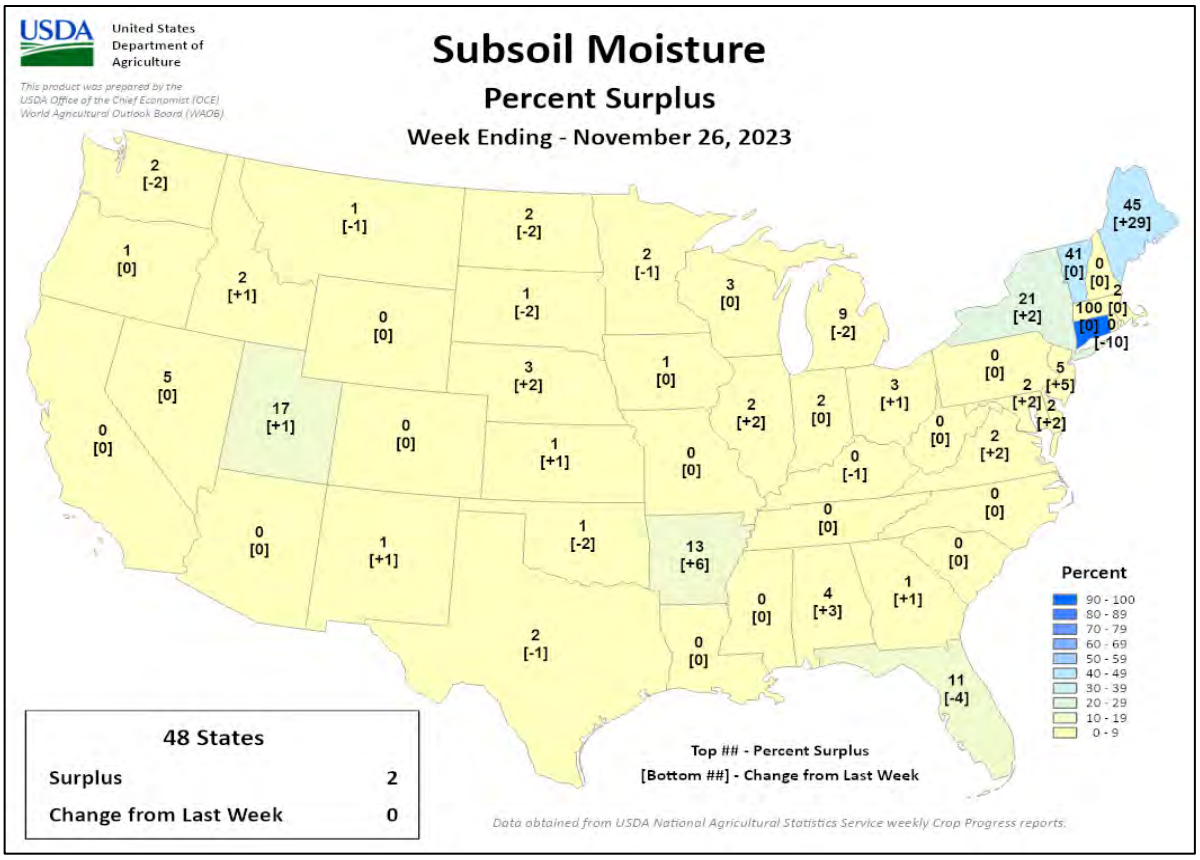


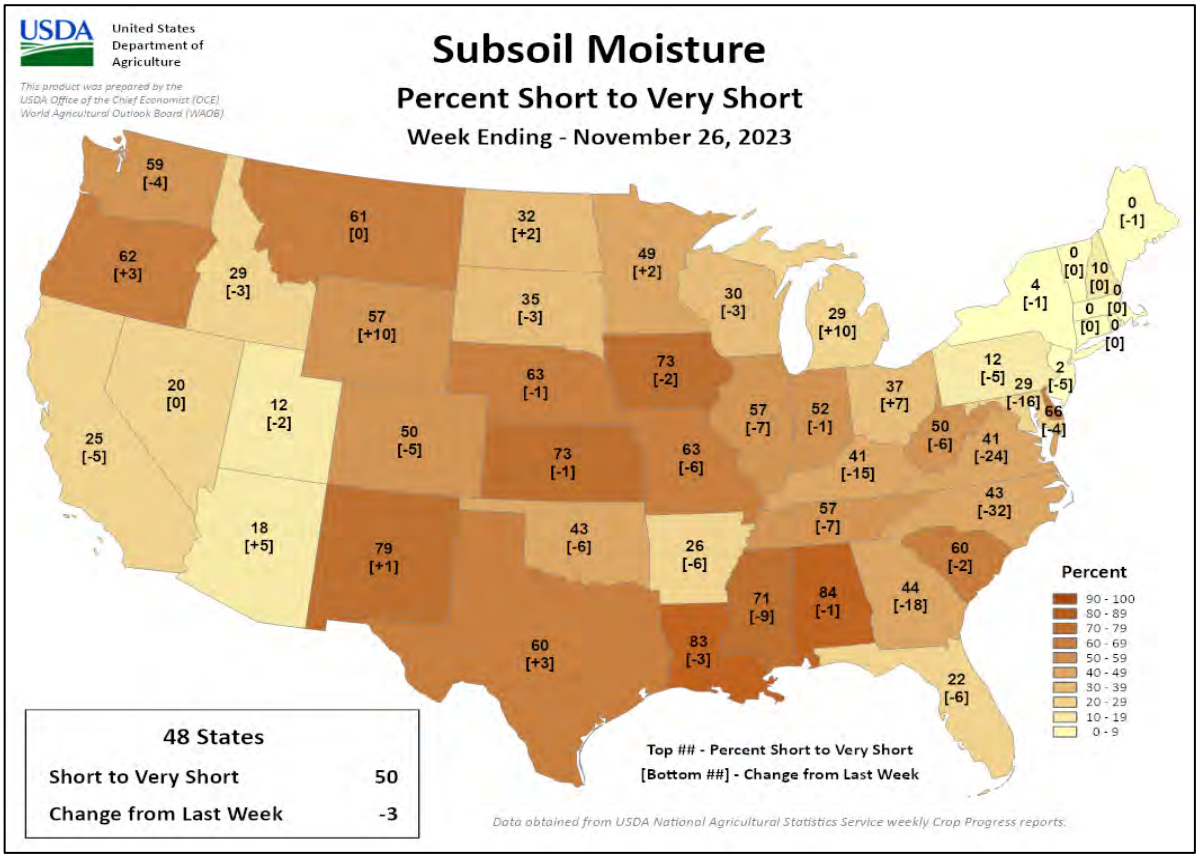


Crop Progress and Condition

Week Ending November 26, 2023

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





International Weather and Crop Summary

November 19-25, 2023

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

HIGHLIGHTS

EUROPE: Wetter-than-normal weather persisted over much of the continent save for southwestern growing areas, with sharply colder conditions ushering winter crops into dormancy over eastern Europe.

MIDDLE EAST: Another slow-moving storm brought widespread moderate to heavy rain to western and central portions of the region.

NORTHWESTERN AFRICA: Much-needed rain in the east contrasted with intensifying short-term dryness in western crop areas.

EAST ASIA: Mostly sunny, warmer-than-normal weather in eastern and southern China promoted establishment of wheat and rapeseed.

SOUTHEAST ASIA: Moisture conditions continued to improve in western reaches of Java, Indonesia, but remained unseasonably dry to the east.

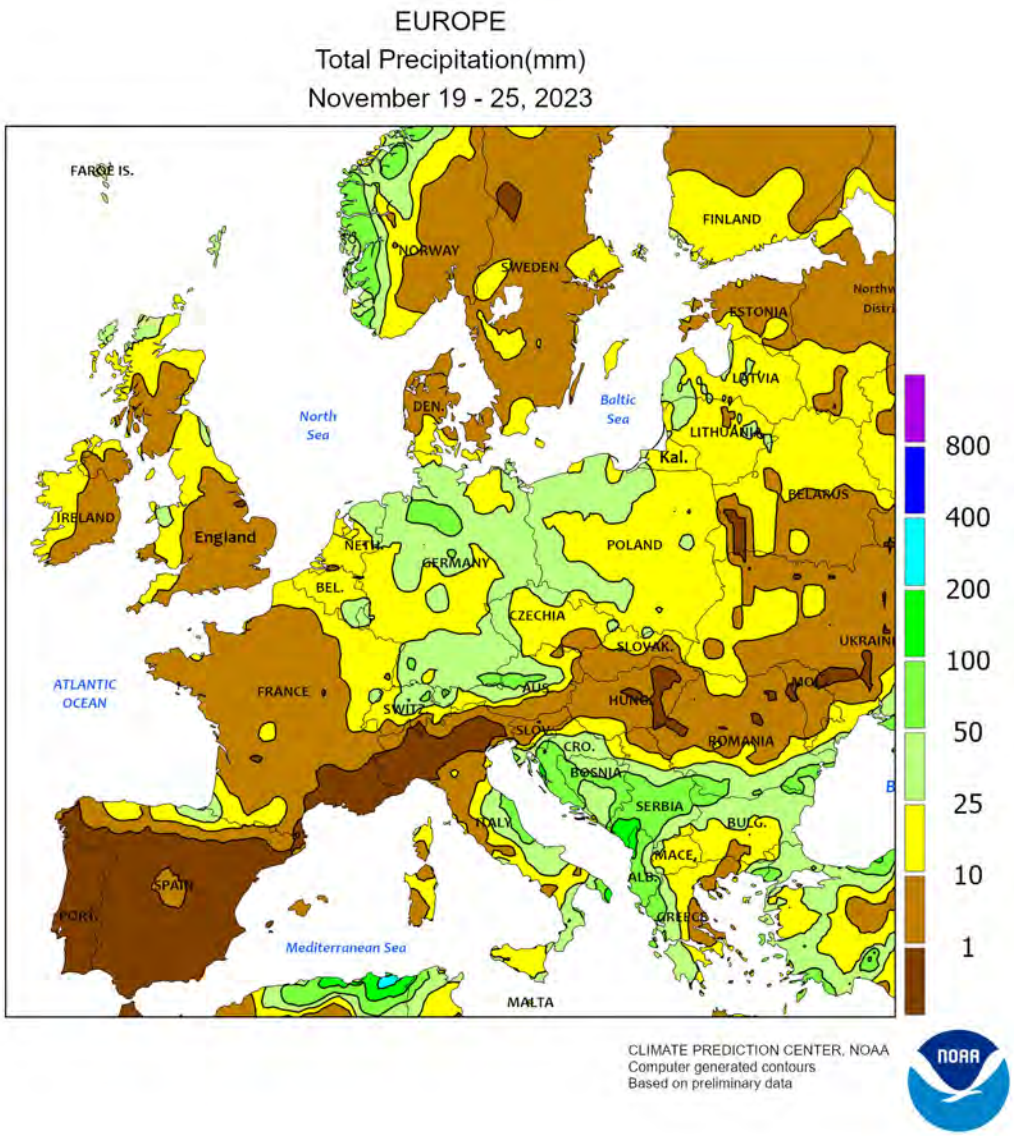
AUSTRALIA: Widespread, soaking rain in the east benefited summer crop germination, emergence, and establishment.

SOUTH AFRICA: Showers benefited emerging corn, although above-normal temperatures sustained high evaporative losses.

ARGENTINA: Sunny skies in southern corn and soybean areas contrasted with heavy showers in more northerly cotton areas.

BRAZIL: Showers brought much-needed relief from heat and dryness to soybean areas in central and northeastern Brazil.

For additional information contact: mark.brusberg@usda.gov



EUROPE

Wet weather continued across most of the continent, with seasonably cold temperatures arriving over eastern Europe. The unrelenting parade of disturbances and — at times — strong storms produced an additional 15 to 100 mm of precipitation (locally more) from Germany eastward. The rain and late-week snow maintained abundant to excessive moisture in the north and further eased lingering deficits from autumn drought over the Balkans. In fact, much of the lower Danube River Valley was under a moderate to deep snow cover (5-25 cm) as the week ended. However, a pocket of dry weather (5 mm or less) was noted in eastern Hungary and environs. The protracted wetness since the middle of October has impeded late winter crop establishment as well as the final stages of summer crop harvesting; 30-day rainfall has totaled 200 to 400 percent of normal over most of Europe save for southern-most growing areas. Unlike previous weeks, somewhat drier conditions (2-15 mm) in France and southeastern England benefited winter crop establishment and allowed fieldwork to resume. Likewise, sunny skies in Portugal, Spain, and Italy facilitated winter grain establishment following a very wet October. Initial warmth gave way to increasingly cold conditions (-8 to -2°C) over the eastern half of the continent, with 7-day average temperatures below 5°C indicating winter crops have gone dormant from eastern Germany and Poland southward into the northern Balkans. Conversely, near- to above-normal temperatures (1-3°C above normal) kept winter grains and oilseeds vegetative over Spain, France, and England, though sharply colder weather arrived over western Europe at the end of the monitoring period.

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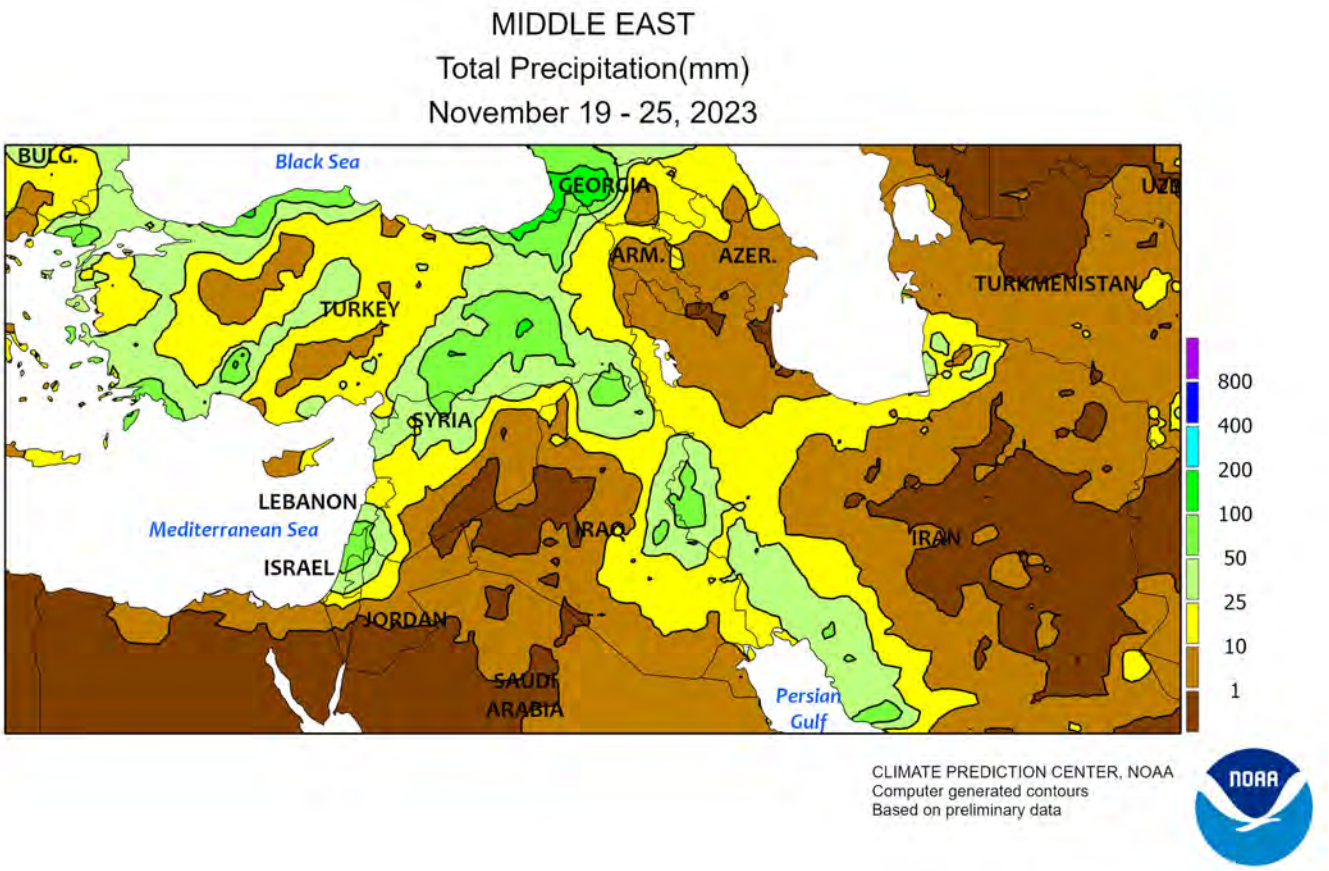

MIDDLE EAST

Another slow-moving storm system brought widespread rain and mountain snow to western and central portions of the region. In northwestern Turkey's Thrace Region, 20 to 60 mm of rain erased the last vestiges of autumn dryness and boosted prospects for winter wheat establishment. Similarly, moderate to heavy showers (10-45 mm) over central Turkey's Anatolian Plateau improved soil moisture for wheat and barley establishment. Moderate to very heavy rain and mountain snow (20-130 mm liquid equivalent) in eastern Turkey benefited winter grain establishment in the GAP Region and boosted irrigation reserves for summer crops. From the eastern Mediterranean Cost into Iraq and western Iran, another round of appreciable rain and mountain snow (10-85 mm liquid equivalent) further moistened soils for recently sown winter crops. Conversely, dry weather persisted over northeastern Iran (3 mm or less), where little to no rain has fallen since mid-October. Abnormal warmth (2-5°C above normal) prevailed over northern Turkey as well as northern and eastern Iran. Conversely, near- to below-normal temperatures accompanied the clouds and rain in central portions of the region.

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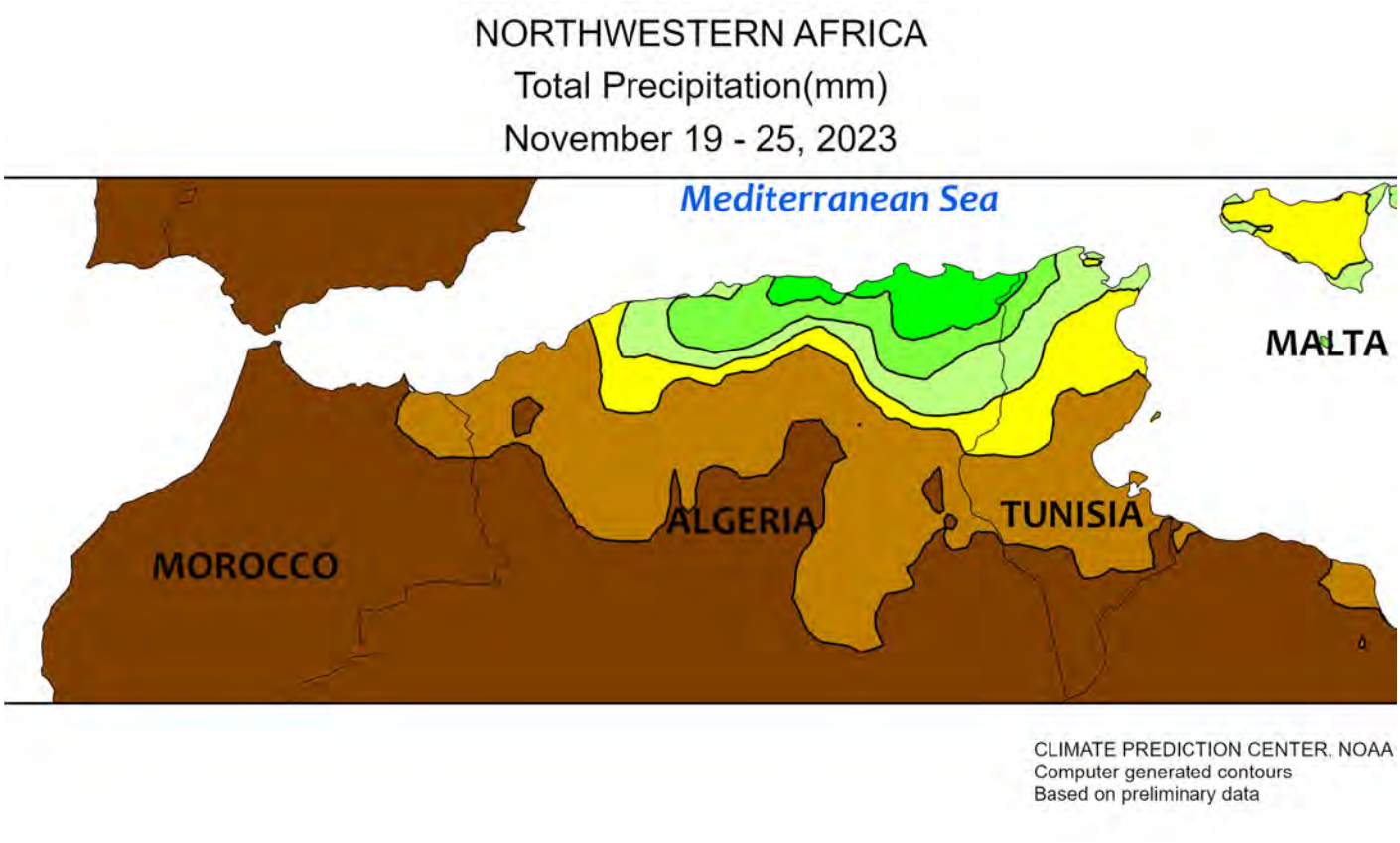

NORTHWESTERN AFRICA

Much-needed rain in the east contrasted with intensifying dryness in the west. A slow-moving area of low pressure over the central Mediterranean Sea generated moderate to very heavy showers over central and eastern Algeria (25-150 mm) as well as northern Tunisia (15-45 mm). The rainfall provided the first moisture of the season for winter grains, though the locally excessive rainfall rates on parched soils likely caused much of the water to run off. Furthermore, even with this week's sorely needed rain, season-to-date deficits persisted in both Algeria and Tunisia. In fact, season-to-date rainfall in northern Tunisia's Tell and Steppe Regions was the first and second lowest of the past 30 years, respectively. Nevertheless, producers were likely encouraged to sow winter grains once skies cleared. Conversely, dry conditions over Morocco and western Algeria ushered these croplands deeper into short-term drought. Rainfall since the beginning of September in Morocco's primary croplands has tallied half of normal, with the most recent satellite-derived Vegetation Health Index indicating poor to abysmal early season conditions. Temperatures averaged near to locally as much as 2°C above normal during the period.

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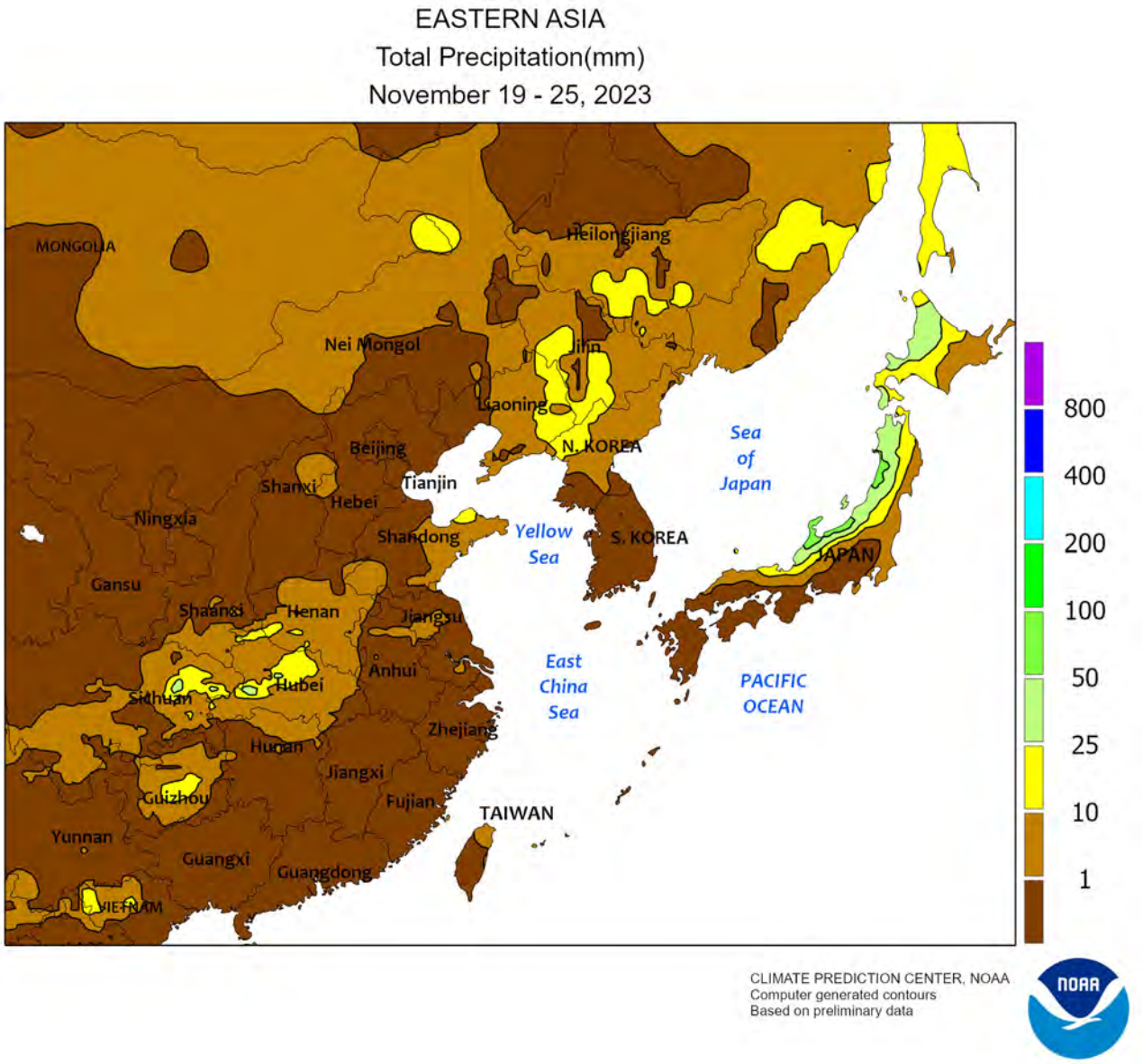
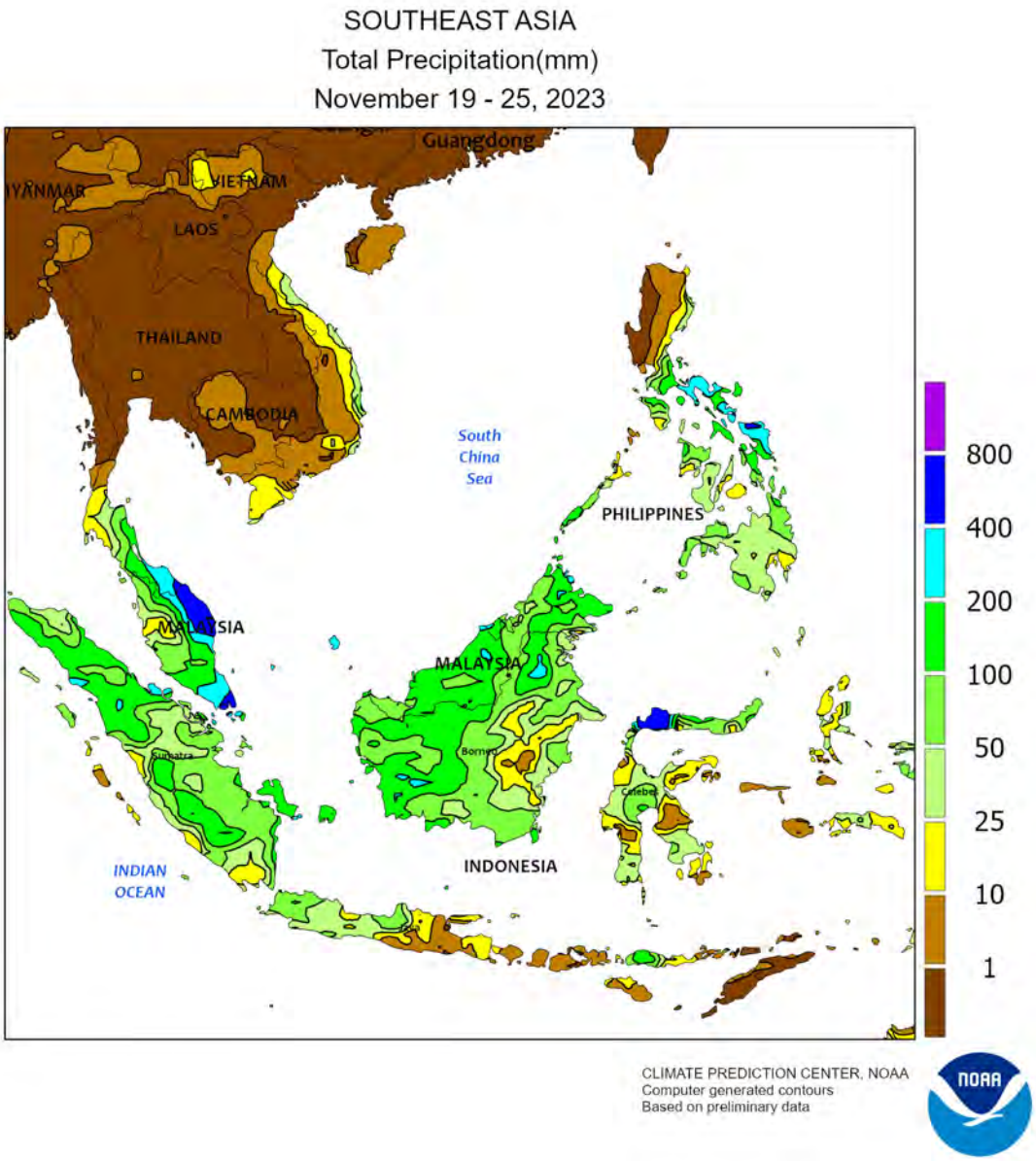


EASTERN ASIA

Following wet weather the last couple of weeks throughout eastern and southern China, showers (1-10 mm, locally more) were limited to the upper half of the Yangtze Valley and neighboring sections of the North China Plain (mainly Henan). The moisture further aided moisture conditions for wheat and rapeseed especially in the presence of unseasonable warmth (temperatures averaging up to 4°C above normal). Meanwhile, the prevailing warmer-than-normal weather along with abundant sunshine in the remainder of the winter crop areas promoted wheat and rapeseed establishment. However, wheat was entering dormancy in some of the northern-most portions of the North China Plain, typical for this time of year.

This will be the last weekly summary for East Asia. Coverage will resume in March 2024.

For additional information contact: mark.brusberg@usda.gov



SOUTHEAST ASIA

Showers further increased in western Java, Indonesia (the main rice-producing province), although seasonal rainfall had yet to become widely established. Rainfall amounts near 75 mm were recorded in western-most Java, diminishing to little if any in the east. The improved moisture in the west benefited first-crop rice (the largest of three crops), but the delayed onset of seasonal precipitation elsewhere likely led to some rice growers switching to less water-intensive crops. Meanwhile, many oil palm areas in other sections of Indonesia and neighboring Malaysia received well in excess of 25 mm of rain (topping 150 mm locally), delaying fieldwork but maintaining ample moisture for trees. However, locales on the eastern Malaysian peninsula were drenched with over 900 mm of rain, causing damage to oil palm fruit. Elsewhere, showers (25-150 mm or more) prevailed across much of the Philippines, with the highest totals in eastern areas; key northern growing areas were dry, though. Despite some localized flooding, the moisture was welcome for second-season crops.

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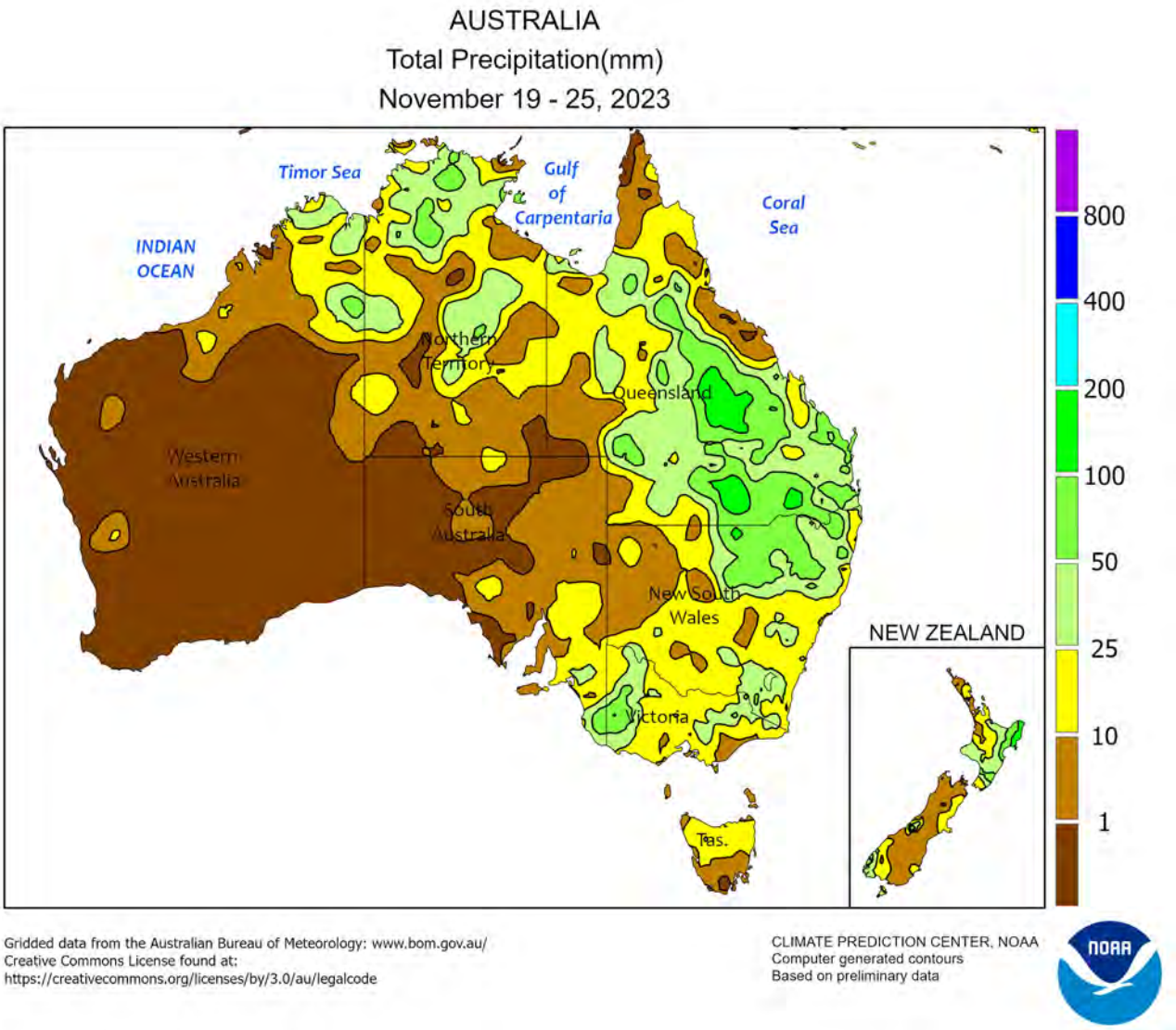

AUSTRALIA

Widespread, soaking rain (15-60 mm, locally near 100 mm) overspread eastern Australia, providing a welcome boost in topsoil moisture for recently sown summer crops. The wet weather halted most fieldwork, including winter crop harvesting and summer crop planting. The rainfall was overall beneficial nonetheless, aiding summer crop germination, emergence, and establishment while providing some much-needed drought relief. Elsewhere in the wheat belt, dry weather in Western Australia and much of South Australia favored rapid winter crop harvesting and helped maintain grain quality. Temperatures varied considerably across the wheat belt, with the hottest weather located in Western Australia (temperatures averaging up to 7°C above normal with maxima approaching 40 degrees C) and the coolest weather located in South Australia (temperatures averaging 1-2°C below normal with maxima generally in the 20s degrees C).

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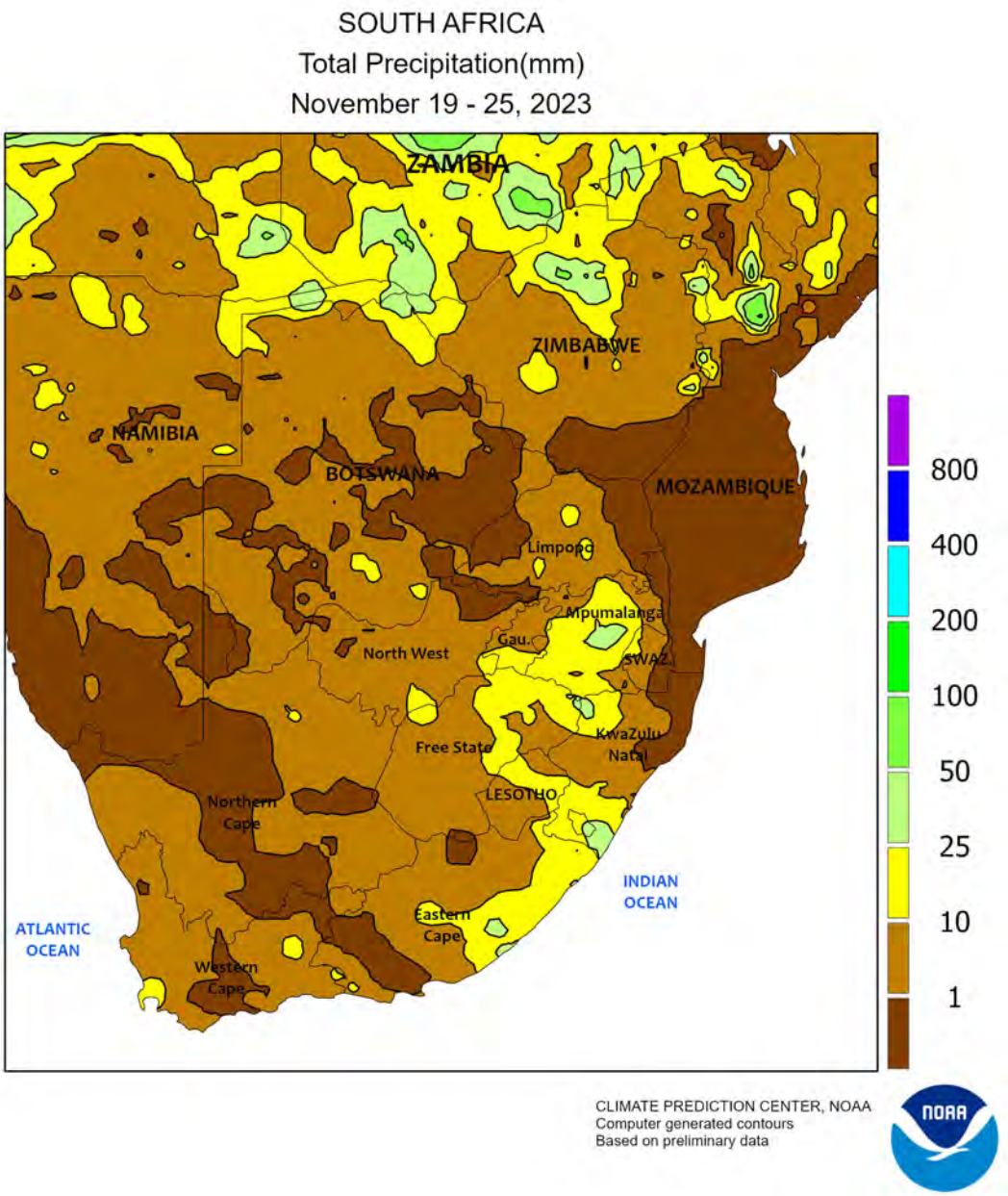

SOUTH AFRICA

Showers lingered in eastern commercial farming areas, although unseasonably hot weather sustained high evaporative losses and increased moisture demands of emerging to vegetative corn. Weekly average temperatures ranged from 4 to 6°C above normal throughout the eastern two-thirds of the country, with light showers (1-25 mm) scattered throughout. Highest daytime temperatures ranged from the upper 20s and lower 30s (degrees C) in eastern sections of the corn belt (southwestern Mpumalanga and environs), where the warmth – combined with the rainfall – spurred rapid development of summer crops. However, hotter, drier conditions (highs reaching the lower 40s, accompanied by near complete dryness) prevailed farther east, elevating irrigation requirements of sugarcane and other crops in eastern Mpumalanga and KwaZulu-Natal. Summer warmth (highs ranging from 35-40°C) also dried topsoils in western and northern sections of the corn belt, where farmers were awaiting the onset of seasonal rainfall for planting. Elsewhere, warm, sunny weather promoted growth of irrigated tree and vine crops in Western Cape, where daytime highs mostly ranged from the upper 20s and lower 30s.

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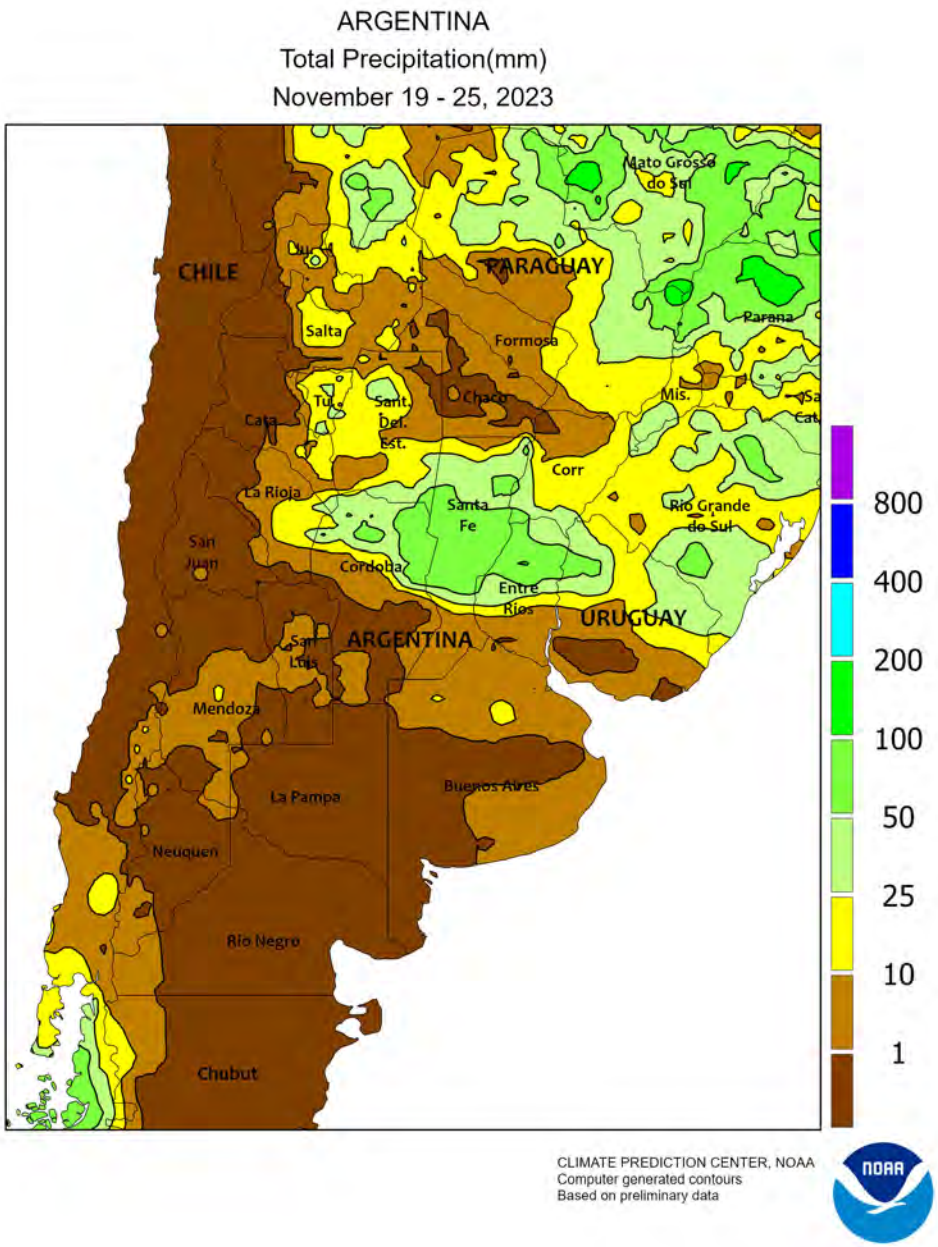

ARGENTINA

Sunny skies promoted rapid development of summer crops throughout central Argentina while also benefiting maturing winter crops. Showers were generally scattered and light in La Pampa, Buenos Aires, and from southern Córdoba to southern Entre Rios, where few locations recorded more than 5 mm. Weekly temperatures averaged within 1°C of normal in the region, with highest daytime temperatures reaching the lower and middle 30s (degrees C) and no recorded freezes. Meanwhile, unseasonable warmth (weekly temperatures averaging 2-3°C above normal) lingered over the northwest (Córdoba northward to Paraguay), where daytime highs again reached the upper 30s and lower 40s during the early part of the week. However, wetter conditions ushered somewhat cooler conditions into the region at midweek, and brought light to moderate rain (10-50 mm, locally approaching 100 mm) to a broad area stretching from Santiago del Estero and northern Córdoba eastward across northern Santa Fe. According to the government of Argentina, sunflowers and corn were 88 and 39 percent planted, respectively, as of November 23, with soybean planting reaching 33 percent completed; cotton was 21 percent planted, compared with 30 percent last year, while wheat was 25 percent harvested, 7 points ahead of last year's pace.

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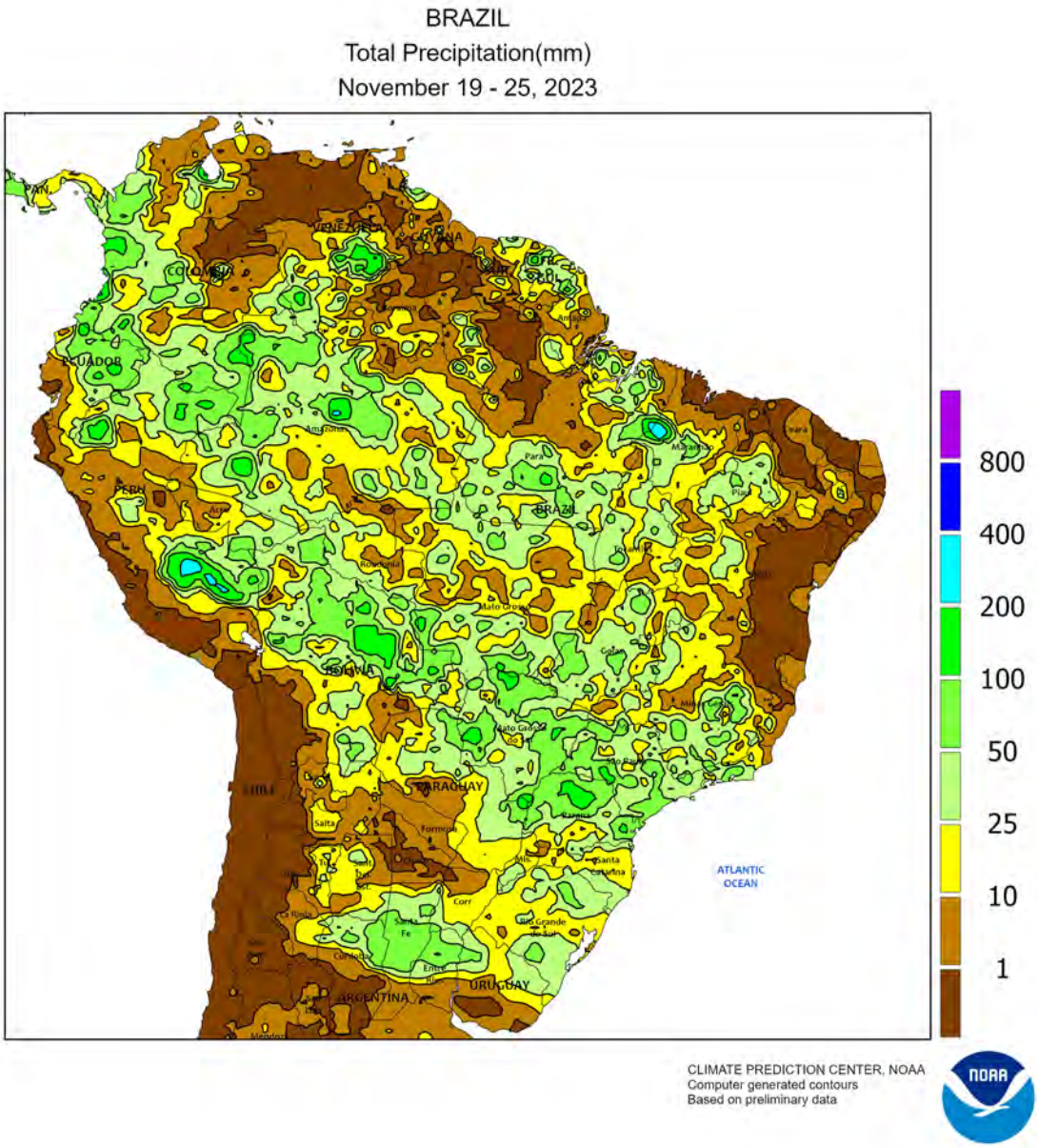

BRAZIL

Showers brought much-needed relief from heat and dryness to the major soybean producing areas of central and northeastern Brazil. Rainfall totaled 10 to 50 mm – locally higher – in most farming areas from Mato Grosso and Mato Grosso do Sul north and eastward. Although highly variable, the rain helped to lower regionwide temperatures from last week's unusually high levels, with daytime highs mostly in the lower and middle 30s (degrees C) after a warm start to the week. According to the government of Mato Grosso, soybeans were 98 percent planted as of November 24. The rainy conditions extended farther south, maintaining overall favorable conditions for summer crops, including sugarcane and coffee in São Paulo and Minas Gerais, which were also hit by last week's heat wave. According to the government of Rio Grande do Sul, corn was 82 percent planted as of November 23, while 25 percent of soybeans were planted; wheat was 93 percent harvested, up 4 points from the previous week. In Paraná, first-crop corn and soybeans were 98 and 93 percent planted, respectively, as of November 20, with at least 25 percent of both crops having entered reproduction.

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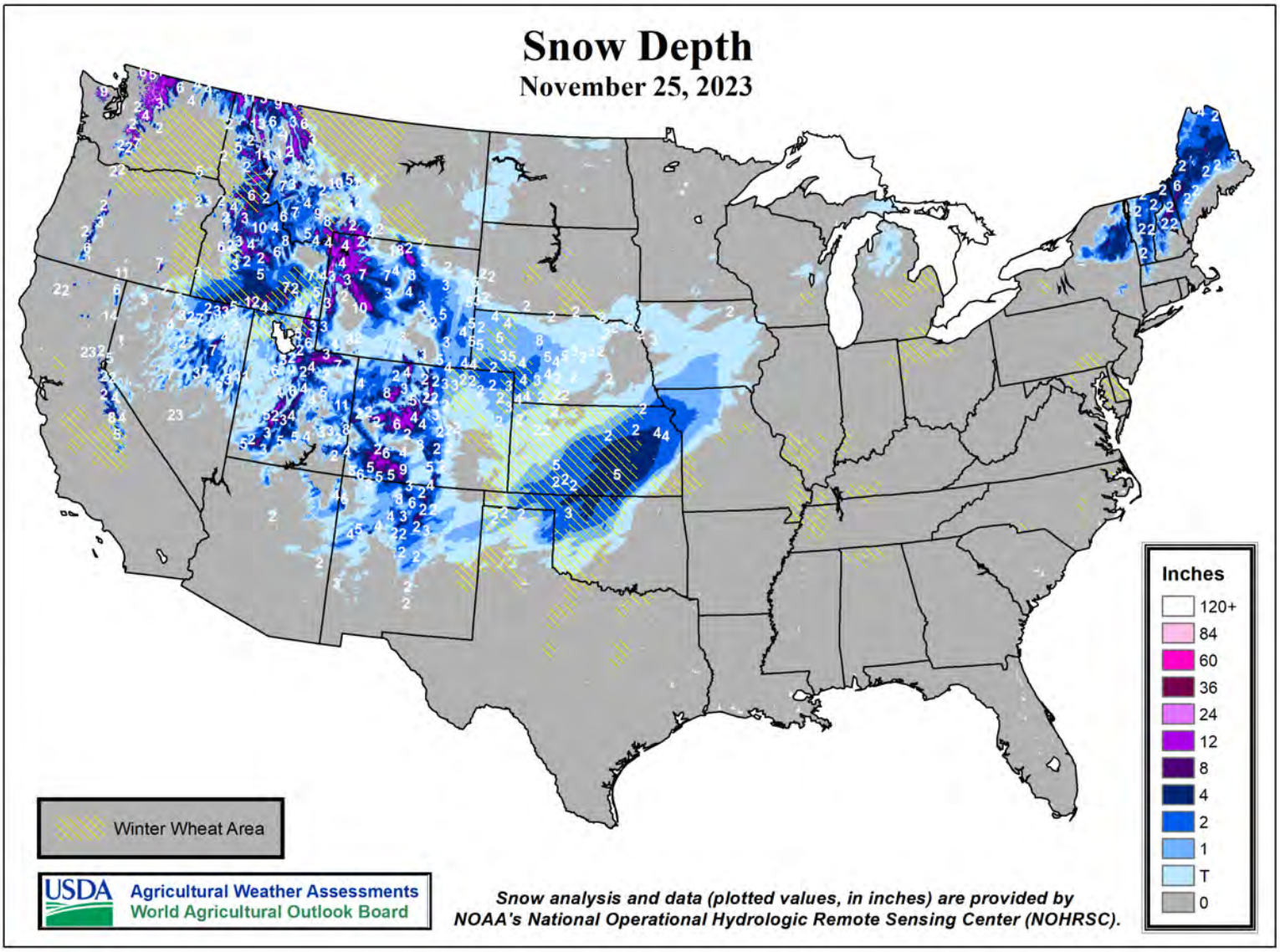

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