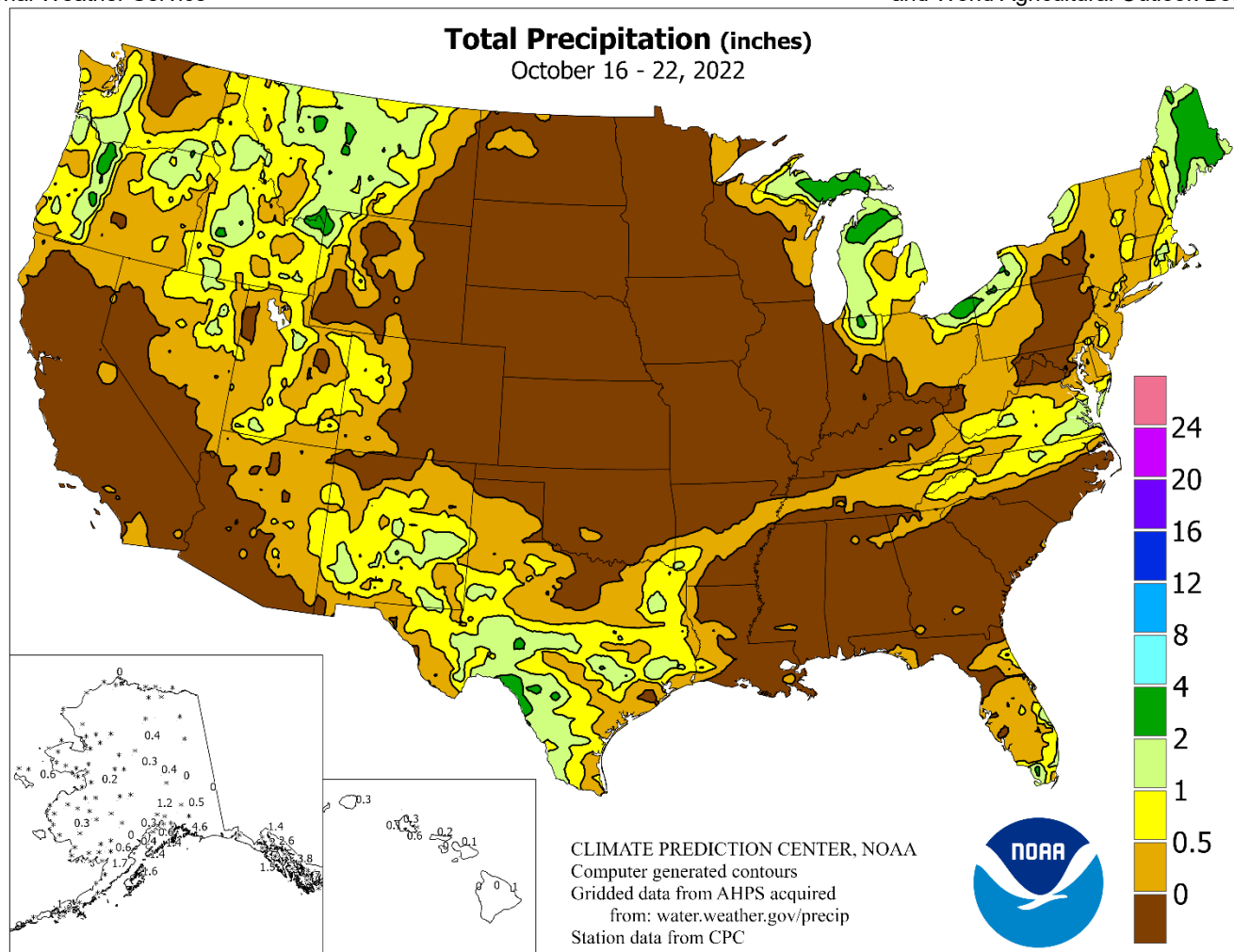


WEEKLY WEATHER AND CROP BULLETIN

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

October 16 – 22, 2022

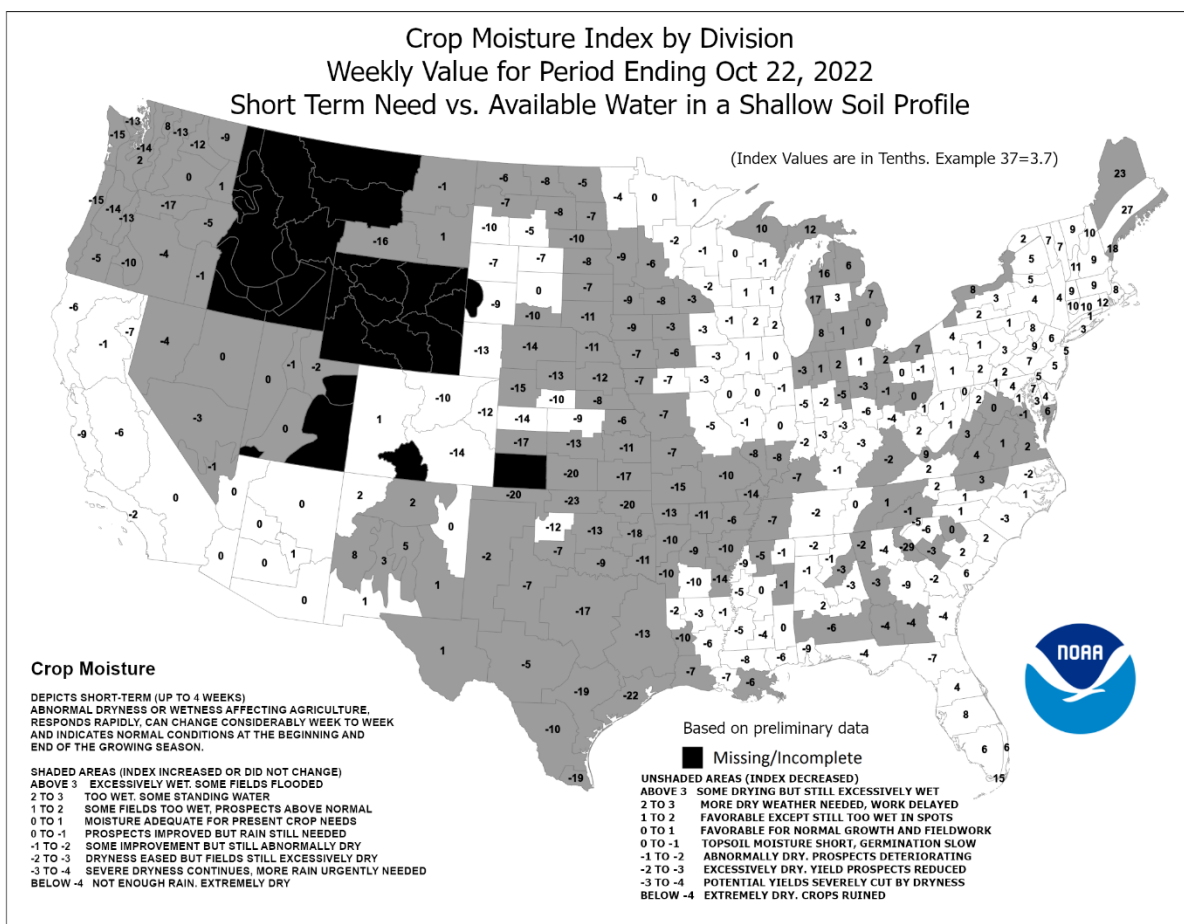
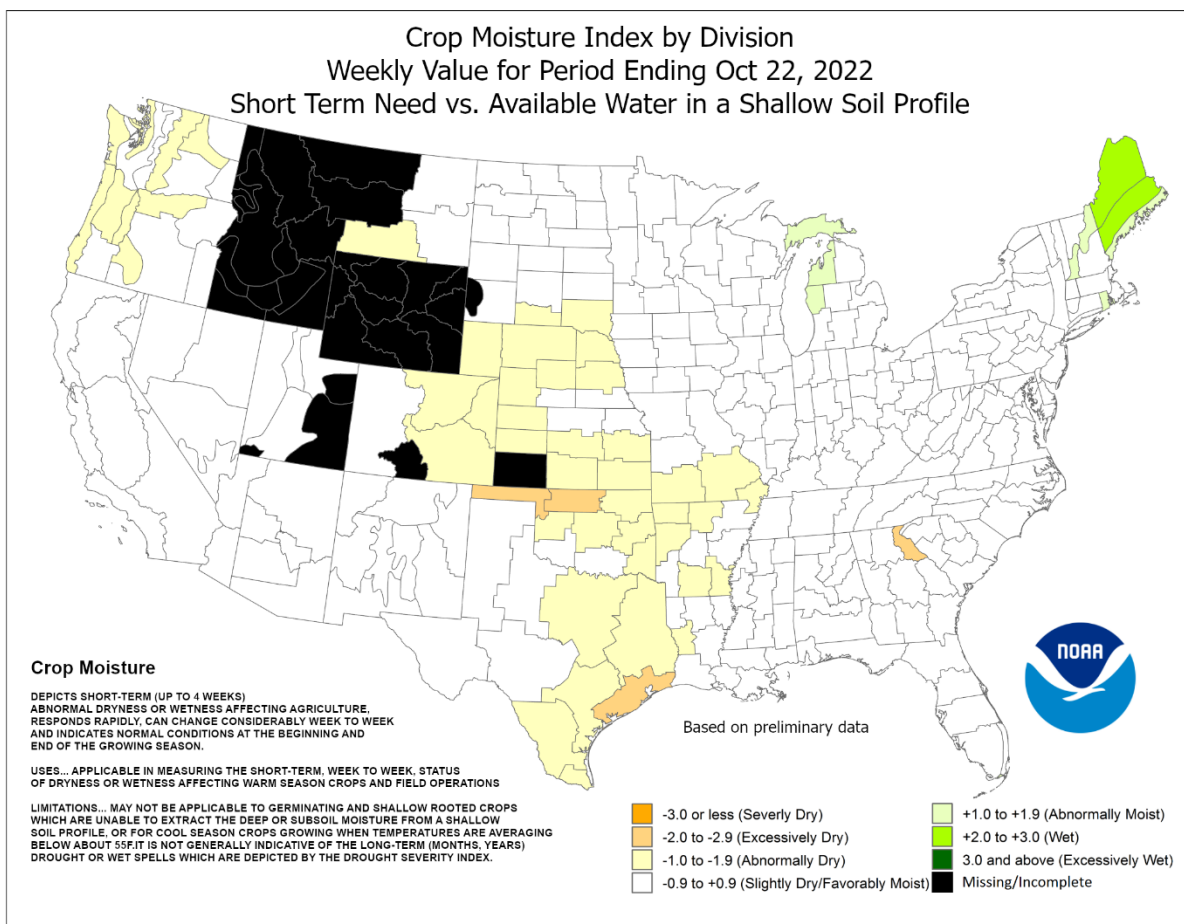
Highlights provided by USDA/WAOB

Continuing a recent trend, dry weather dominated the country, including large sections of the **Plains**, **Midwest**, and **Southeast**. During the 2-week period ending October 23, nearly one-third (30 percent) of the U.S. corn and 36 percent of the soybeans were harvested, as dryness favored **Midwestern** fieldwork. Elsewhere, national harvest numbers were at or ahead of the 5-year average pace on that date for all major crops, including rice (94 percent harvested), sugarbeets (80 percent), peanuts (68 percent), sorghum (67 percent), cotton (45 percent), and sunflowers

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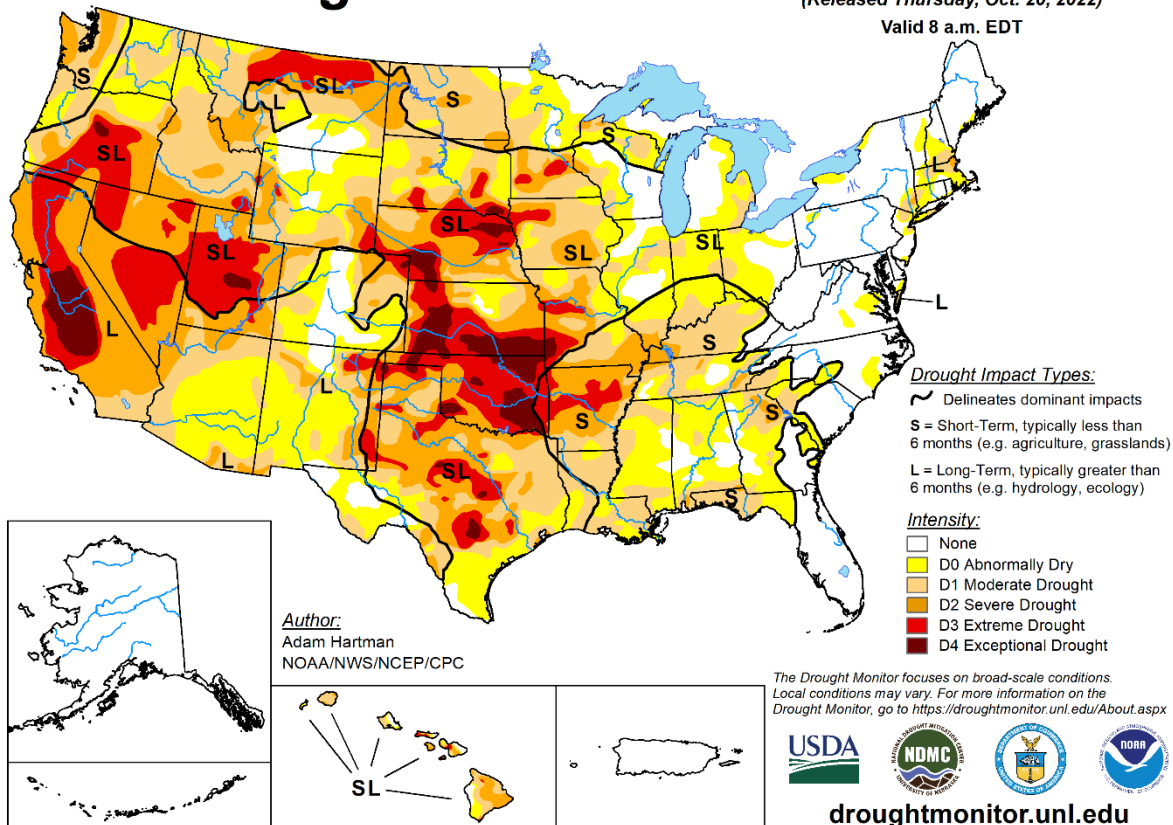
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U.S. Drought Monitor

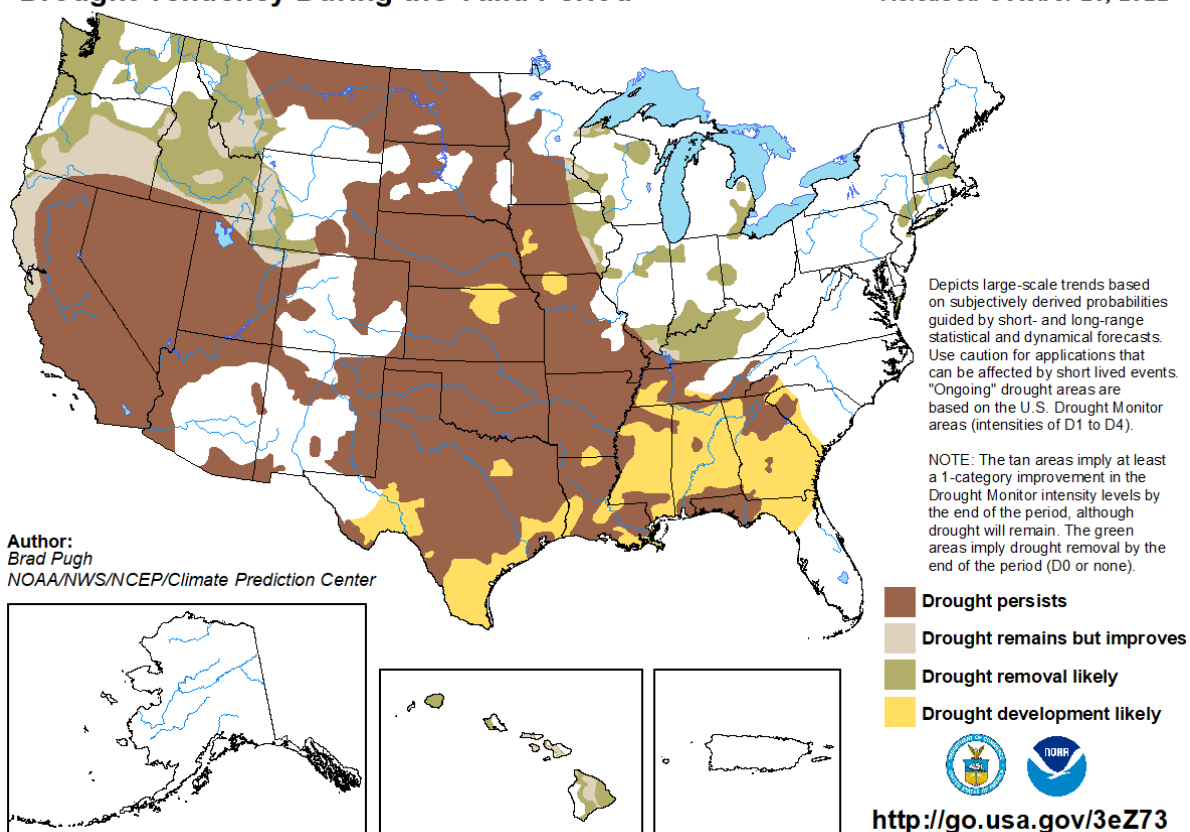
October 18, 2022
(Released Thursday, Oct. 20, 2022)
Valid 8 a.m. EDT

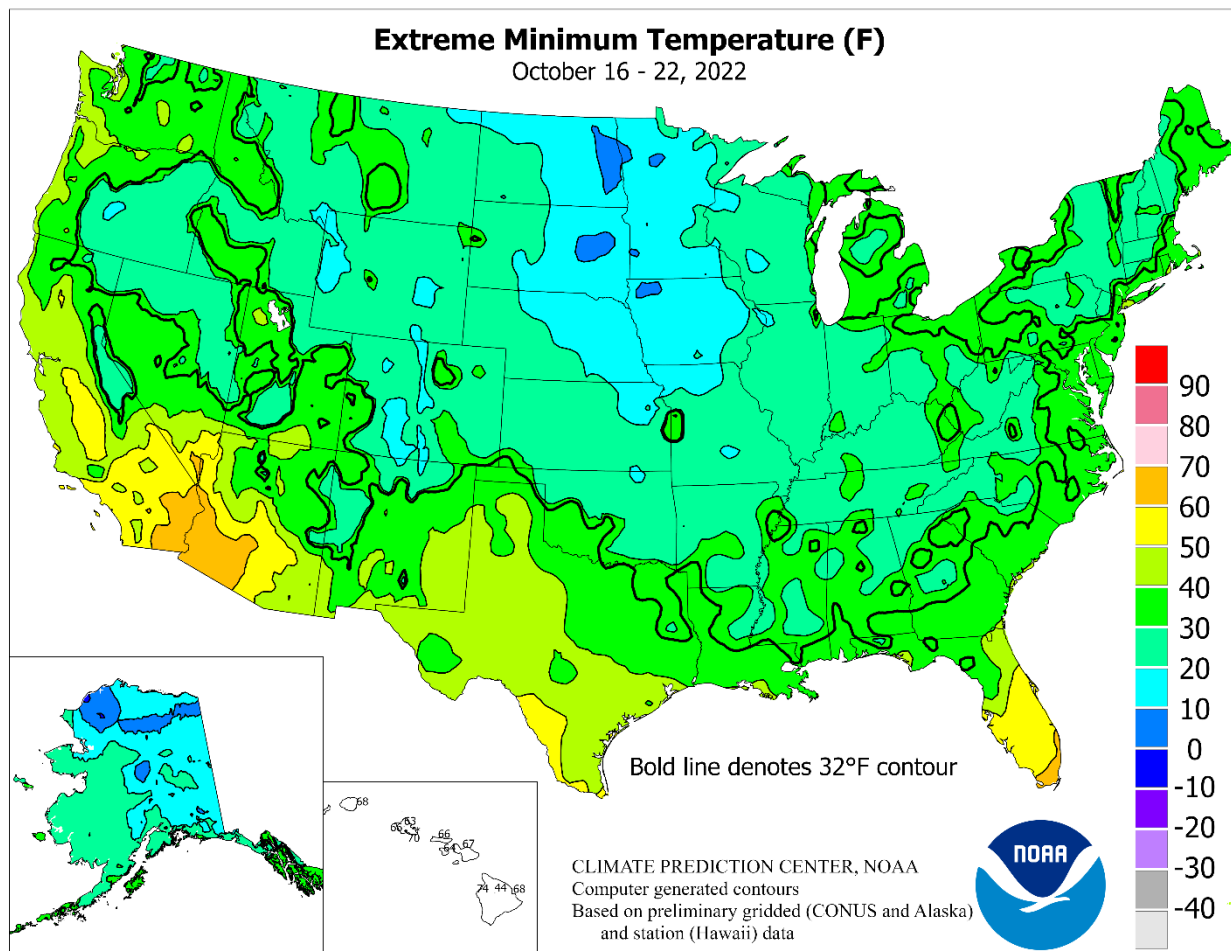
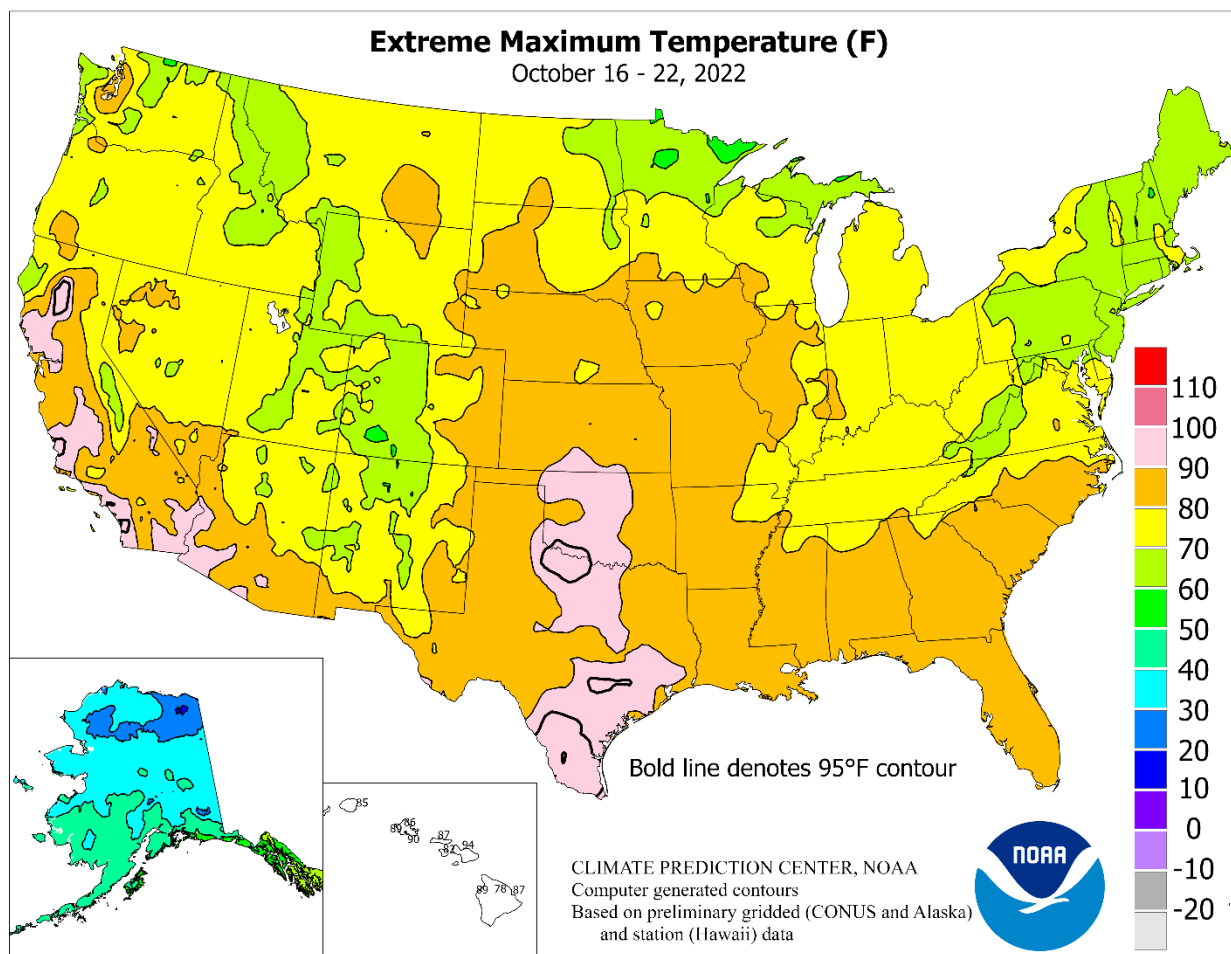


U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for October 20, 2022 - January 31, 2023
Released October 20, 2022



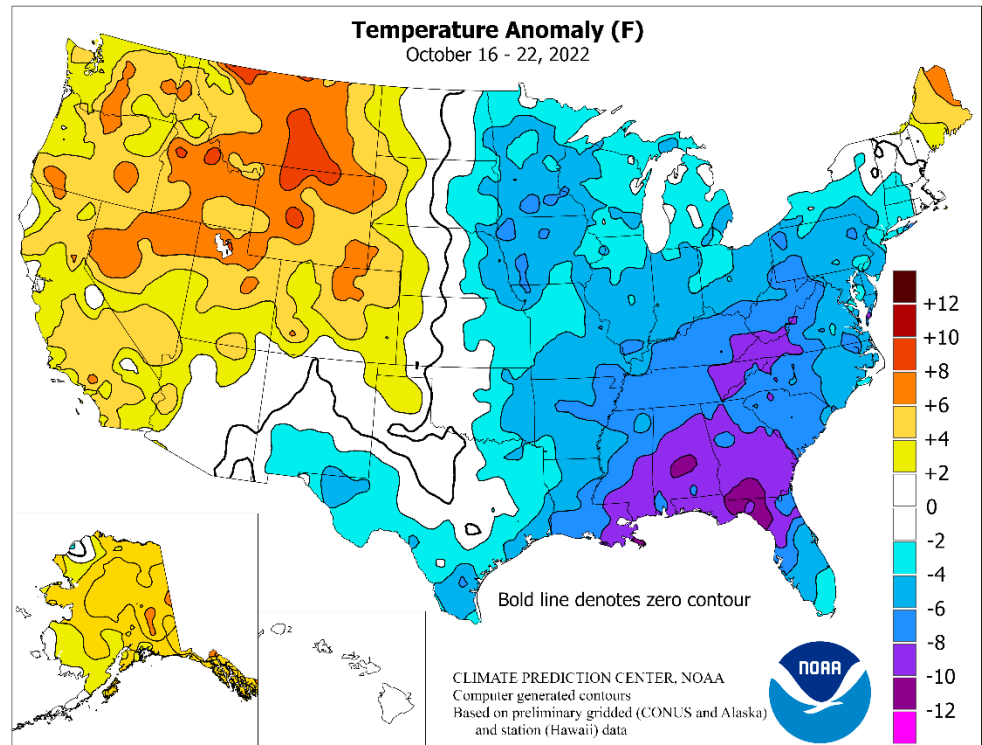


(Continued from front cover)

(35 percent). However, some rain lingered early in the week across the **south-central U.S.**, where a boost in topsoil moisture briefly slowed fieldwork but benefited rangeland, pastures, and winter grains. Patchy precipitation was also observed from the **Great Lakes region to the Atlantic Coast**, although many areas remained dry. Late in the week, a dramatic pattern change led to a sudden increase in **Northwestern** shower activity. The precipitation, including valley rain and high-elevation snow, aided **Northwestern** wildfire containment efforts and promoted the germination and establishment of recently planted winter grains and cover crops. Meanwhile, weekly temperatures averaged 5 to 10°F above normal throughout the **western U.S.**, except along the **Pacific Coast** and in parts of the **Southwest**. In contrast, readings averaged at least 10°F below normal in much of the **Southeast**, extending northward into the **central Appalachians**. In fact, below-normal temperatures broadly covered the **eastern half of the country**, except **northern New England**. Cold air plunging deep into the **South** ended the 2022 growing season as far south as the **Gulf Coast States** of **Louisiana, Mississippi, and Alabama**. Freezes (32°F or below) were also noted in portions of the **Atlantic Coast States** as far south as **northern Florida**. This marked an unusually early end of the growing season in much of the **Southeast**.

Mid-month temperatures were significantly elevated in the **Northwest**, where a trio of daily-record highs occurred from October 15-17 in **Washington** locations such as **Ephrata** (80, 80, and 79°F) and **Yakima** (80, 79, and 77°F). Late-season heat extended into **northern California**, where **Montague** posted a pair of daily-record highs (89 and 87°F, respectively) on October 15-16. Elsewhere on the 16th, daily-record highs soared to 88°F in **Medford, OR**, and **Seattle, WA**. Another flurry of **Western** daily-record highs occurred at mid-week. With a high of 100°F on October 19, **Red Bluff, CA**, observed its latest triple-digit heat on record (previously, 100°F on October 16, 1988). In **southern California**, daily-record highs for the 19th soared to 99°F in **Anaheim** and 98°F in **Chula Vista**. Meanwhile, heat lingered in the **western Gulf Coast region**, where **Brownsville, TX**, logged consecutive daily-record highs (94 and 95°F, respectively) on October 16-17. The remainder of the **central and eastern U.S.** turned sharply colder, with **Watertown, SD**, measuring a daily-record low of 13°F on October 17. Record-setting lows in **South Dakota** for the 18th included 9°F in **Huron**, 10°F in **Watertown**, and 12°F in **Mitchell**. October 18 daily-record lows below the 20-degree mark were also set in locations such as **Fargo, ND** (10°F), **Sioux City, IA** (15°F); and **Norfolk, NE** (15°F). **Chanute, KS**, collected consecutive daily-record lows (21 and 17°F, respectively) on October 18-19. Farther east, October 19 featured the earliest first autumn freeze on record in **Montgomery, AL** (32°F); previously, the record had been October 20, 1989. **Montgomery** measured a lower temperature the next day, October 20, dipping to 29°F. Consecutive daily-record lows were also established on October 19-20 in **Southeastern** locations such as **Tallahassee, FL** (33 and 31°F), and **Greenwood, MS** (28 and 31°F). In **Missouri**, **Cape Girardeau** set a monthly record on October 20 with a low of 22°F; previously, the record had been 23°F on October 24, 1981, and October 29, 1976. In **Georgia**, **Augusta** reported three consecutive freezes (30, 31, and 31°F) from October 20-22. Farther west, however, late-week heat surged across the **Plains and Midwest**, with record-setting highs for October 22 soaring to 97°F in **Wichita Falls, TX**; 91°F in **Oklahoma City, OK**; 88°F in **Broken Bow, NE**; and 85°F in **Quincy, IL**.

Early-week rain lingered in the **southwestern and south-central U.S.** **Phoenix, AZ**, received a daily-record total of 0.32 inch on the 16th, boosting



its October 15-16 sum to 0.94 inch. In **Oklahoma**, **Lawton** netted a daily-record total (1.43 inches) for October 16. **Del Rio, TX**, reported a record-setting rainfall total (2.12 inches) for October 17. Meanwhile, snow showers developed or continued downwind of the **Great Lakes**. **Marquette, MI**, received 19.1 inches of snow from October 17-19. In addition, **Marquette's** 18.1-inch total on the 17th and 18th set a station record for any 2-day period in October. **Alpena, MI**, received weekly precipitation totaling 2.36 inches, aided by a daily-record rainfall of 1.30 inches on October 17. Heavy rain briefly returned to **northern New England** on October 18, when **Portland, ME**, achieved a daily-record total of 1.49 inches. Elsewhere, a trace of snow fell on the 18th in **Kentucky** locations such as **Jackson, Lexington**, and **Louisville**. In the last 40 years, **Jackson's** earliest observed snowfall had fallen on October 19, 1989. Late in the week, significant precipitation arrived in the **Northwest** and quickly overspread the **northern and central Rockies, Great Basin, and Intermountain West**. In **Utah**, **Alta** received 9.3 inches of snow in a 24-hour period on October 22-23, while **Tooele** reported 5.7 inches. **Ely, NV**, tallied daily records on October 22 for precipitation (0.35 inch) and snowfall (3.8 inches). Other record-setting precipitation totals for October 22 included 0.65 inch in **Salt Lake City, UT**, and 0.98 inch in **Livingston, MT**. **Montana's Bozeman Airport** received precipitation totaling 1.19 inches, including 4.1 inches of snow, on October 22-23.

Above-normal temperatures continued in **southeastern Alaska** and returned across the remainder of the state, accompanied by ample precipitation. From October 15-18, **Juneau** posted four consecutive daily-record highs (56, 62, 60, and 57°F). **Sitka** also notched a daily-record high (63°F) on October 18. Meanwhile, widespread **Alaskan** precipitation resulted in several daily-record totals, including 0.33 inch in **Anchorage** on October 20. Aided by daily totals exceeding an inch on October 4, 5, 14, and 15, **Kodiak's** month-to-date sum (through the 22nd) climbed to 8.80 inches, or 141 percent of normal. Month-to-date snowfall in **Bettles** reached 9.7 inches, with a snow depth of 6 inches reported by October 22. Farther south, significant **Hawaiian** rainfall remained scarce, with October 1-22 totals at the state's major airport observation sites ranging from 0.19 inch (38 percent of normal) in **Kahului, Maui**, to 2.37 inches (34 percent) in **Hilo**, on the **Big Island**. **Kahului** tallied a trio of daily-record highs (94, 93, and 93°F) from October 21-23. **Hilo** also registered a daily-record high, reaching 88°F on October 20.

National Weather Data for Selected Cities

Weather Data for the Week Ending October 22, 2022

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 SEP 1	PCT. NORMAL SINCE SEP 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	44	35	50	28	39	4	0.56	0.20	0.33	7.20	159	22.89	167	99	75	0	2	3	0	
	BARROW	29	23	31	16	26	0	0.04	-0.07	0.03	0.86	73	7.81	168	91	80	0	7	2	0	
	FAIRBANKS	38	28	45	24	33	9	0.23	0.08	0.17	2.17	113	6.76	66	90	76	0	6	3	0	
	JUNEAU	53	43	62	36	48	7	2.65	0.77	0.73	20.14	131	72.35	140	99	78	0	0	6	3	
	KODIAK	51	40	53	36	45	4	1.62	-0.38	0.63	12.56	91	62.76	104	85	58	0	0	4	1	
AL	NOME	39	34	41	28	37	7	0.62	0.21	0.21	6.67	187	17.03	118	93	74	0	1	6	0	
	BIRMINGHAM	69	41	83	32	55	-9	0.00	-0.75	0.00	3.81	60	42.24	90	87	31	0	2	0	0	
	HUNTSVILLE	68	40	78	31	54	-9	0.04	-0.79	0.04	5.02	83	42.50	98	91	34	0	2	1	0	
	MOBILE	75	46	86	36	61	-7	0.00	-0.85	0.00	1.86	22	45.47	81	85	30	0	0	0	0	
	MONTGOMERY	71	40	83	29	56	-11	0.00	-0.61	0.00	2.95	51	43.90	105	93	32	0	2	0	0	
AR	FORT SMITH	71	44	87	30	58	-5	0.67	-0.43	0.67	3.68	51	38.80	100	83	26	0	1	1	1	
	LITTLE ROCK	71	45	82	33	58	-3	0.57	-0.59	0.57	1.71	28	34.31	87	76	29	0	0	1	1	
AZ	FLAGSTAFF	61	37	68	30	49	3	0.29	-0.06	0.29	2.51	85	13.59	81	91	41	0	1	1	0	
	PHOENIX	87	67	91	63	77	1	0.31	0.19	0.31	1.72	175	3.59	62	57	26	3	0	1	0	
	PRESCOTT	70	43	73	40	56	0	0.21	0.03	0.21	3.50	187	10.44	95	87	31	0	0	1	0	
CA	TUCSON	85	61	91	54	73	1	0.00	-0.15	0.00	1.34	74	4.81	54	63	26	1	0	0	0	
	BAKERSFIELD	83	60	91	55	72	5	0.00	-0.08	0.00	0.00	0	1.85	40	68	32	2	0	0	0	
	EUREKA	59	48	65	44	54	-1	0.12	-0.44	0.08	0.56	27	14.60	55	96	82	0	0	2	0	
	FRESNO	84	59	90	55	71	6	0.00	-0.15	0.00	0.06	17	1.15	14	77	31	1	0	0	0	
	LOS ANGELES	78	64	92	59	71	4	0.01	-0.11	0.01	0.36	92	1.83	20	86	51	1	0	1	0	
CO	REDDING	84	52	99	49	68	5	0.00	-0.50	0.00	0.91	56	5.80	25	70	20	2	0	0	0	
	SACRAMENTO	81	54	88	49	67	3	0.00	-0.23	0.00	0.28	48	2.46	19	88	30	0	0	0	0	
	SAN DIEGO	77	63	93	61	70	3	0.02	-0.12	0.02	0.70	165	3.18	44	87	51	1	0	1	0	
	SAN FRANCISCO	71	55	80	52	63	0	0.01	-0.19	0.01	0.29	55	2.10	16	91	51	0	0	1	0	
	STOCKTON	82	53	89	50	68	3	0.00	-0.17	0.00	0.06	12	1.66	17	87	33	0	0	0	0	
CT	ALAMOSA	65	23	69	19	44	1	0.00	-0.16	0.00	0.93	63	10.16	156	85	19	0	7	0	0	
	CO SPRINGS	71	39	78	31	55	6	0.00	-0.19	0.00	0.62	32	10.61	70	48	18	0	2	0	0	
	DENVER INTL	72	42	79	35	57	7	0.00	-0.23	0.00	1.57	74	9.78	73	50	16	0	0	0	0	
	GRAND JUNCTION	72	41	73	37	56	5	0.01	-0.22	0.01	2.90	150	6.23	81	60	21	0	0	1	0	
	PUEBLO	75	37	83	32	56	5	0.00	-0.19	0.00	0.65	54	9.00	81	55	18	0	2	0	0	
DC	BRIDGEPORT	61	44	66	40	53	-3	0.17	-0.70	0.17	7.62	112	27.39	76	85	43	0	0	1	0	
	HARTFORD	62	36	70	30	49	-3	0.39	-0.65	0.39	9.99	129	37.02	96	92	38	0	1	1	0	
DE	WASHINGTON	66	44	72	38	55	-4	0.05	-0.80	0.03	4.13	63	33.62	97	83	33	0	0	2	0	
FL	WILMINGTON	64	40	72	36	52	-4	0.26	-0.57	0.26	6.44	91	32.70	87	89	36	0	0	1	0	
	DAYTONA BEACH	78	58	88	52	68	-5	0.00	-1.00	0.00	12.10	109	39.13	86	83	46	0	0	0	0	
GA	JACKSONVILLE	76	47	87	39	62	-9	0.01	-0.71	0.01	6.70	60	44.68	92	94	35	0	0	1	0	
	KEY WEST	82	72	88	66	77	-4	1.34	0.13	0.77	14.02	121	32.83	94	91	69	0	0	3	1	
	MIAMI	85	71	89	63	78	-2	0.36	-1.19	0.28	16.33	100	59.91	100	85	58	0	0	4	0	
	ORLANDO	81	60	89	53	71	-4	0.34	-0.38	0.34	22.35	243	53.90	115	84	44	0	0	1	0	
	PENSACOLA	75	49	87	40	62	-8	0.00	-1.02	0.00	2.34	23	52.47	91	82	31	0	0	0	0	
HI	TALLAHASSEE	76	42	87	31	59	-10	0.00	-0.69	0.00	1.43	19	49.38	97	86	28	0	1	0	0	
	TAMPA	80	59	90	49	69	-7	0.01	-0.43	0.01	10.49	131	47.46	105	77	40	1	0	1	0	
	WEST PALM BEACH	83	69	87	62	76	-3	0.19	-1.02	0.08	12.49	100	41.09	77	88	61	0	0	4	0	
	ATHENS	70	38	85	32	54	-8	0.00	-0.73	0.00	3.38	53	33.26	83	86	25	0	1	0	0	
	ATLANTA	69	43	82	36	56	-8	0.00	-0.72	0.00	2.09	34	38.54	94	71	29	0	0	0	0	
IA	AUGUSTA	72	37	85	30	55	-10	0.00	-0.55	0.00	4.00	72	40.93	110	95	23	0	3	0	0	
	COLUMBUS	71	42	83	33	57	-10	0.00	-0.61	0.00	4.01	74	36.85	93	87	27	0	0	0	0	
	MACON	73	38	86	29	56	-9	0.00	-0.57	0.00	2.53	45	38.37	100	93	26	0	1	0	0	
	SAVANNAH	73	45	84	38	59	-9	0.00	-0.80	0.00	5.88	80	32.22	77	86	28	0	0	0	0	
	HILO	85	71	87	68	78	2	0.96	-1.39	0.92	6.92	44	64.00	70	91	59	0	0	3	1	
ID	HONOLULU	87	73	90	70	80	-1	0.62	0.26	0.59	1.11	61	10.16	89	88	52	1	0	3	1	
	KAHULUI	90	71	94	67	80	1	0.12	-0.09	0.12	0.73	76	1.55	13	75	45	2	0	1	0	
	LIHUE	83	71	85	68	77	-2	0.31	-0.43	0.16	2.08	47	21.35	80	90	65	0	0	4	0	
	BURLINGTON	62	34	82	23	48	-5	0.00	-0.69	0.00	5.96	102	22.35	68	73	29	0	4	0	0	
	CEDAR RAPIDS	61	30	84	16	46	-4	0.00	-0.63	0.00	1.50	27	17.77	56	76	28	0	5	0	0	
IL	DES MOINES	61	34	83	20	48	-4	0.00	-0.61	0.00	1.89	36	23.89	73	67	26	0	3	0	0	
	DUBUQUE	58	32	80	20	45	-3	0.00	-0.64	0.00	0.87	14	23.46	70	80	33	0	4	0	0	
	SIOUX CITY	62	26	82	14	44	-5	0.00	-0.46	0.00	0.79	17	11.91	44	72	23	0	5	0	0	
	WATERLOO	61	30	84	20	45	-5	0.00	-0.61	0.00	1.42	27	28.45	88	77	27	0	4	0	0	
	BOISE	72	45	77	40	58	7	0.79	0.59	0.75	0.90	93	6.46	75	65	19	0	0	2	1	
IN	LEWISTON	66	44	76	41	55	4	0.85	0.59	0.48	2.21	169	11.84	116	81	37	0	0	2	0	
	POCATELLO	72	31	77	26	51	6	0.41	0.18	0.41	1.50	93	8.78	92	71	18	0	5	1	0	
	CHICAGO/O_HARE	59	39	79	33	49	-4	0.00	-0.78	0.00	3.00	53	26.63	82	70	36	0	0	0	0	
	MOLINE	63	36	84	24	49	-3	0.00	-0.64	0.00	3.99	74	26.54	80	76	29	0	2	0	0	
	PEORIA	63	37	82	27	50	-4	0.00	-0.74	0.00	0.93	16	20.33	64	73	29	0	3	0	0	
KS	ROCKFORD	59	34	80	26	46	-5	0.02	-0.56	0.02	6.64	120	34.45	106	81	37	0	4	1	0	
	SPRINGFIELD	63	36	81	23	49	-6	0.00	-0.78	0.00	4.45	85	26.98	83	72	30	0	3	0	0	
	EVANSVILLE	65	38	79	31	52	-6	0.00	-0.79	0.00	6.18	109	38.63	99	76	28	0	2	0	0	
	FORT WAYNE	59	36	78	29	47	-5</														

Weather Data for the Week Ending October 22, 2022

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 SEP 1	PCT. NORMAL SINCE SEP 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	72	39	88	26	55	-3	0.00	-0.68	0.00	0.74	14	24.91	80	66	17	0	3	0	0	
	LEXINGTON	63	38	79	32	50	-6	0.01	-0.84	0.01	1.68	27	37.03	89	72	29	0	2	1	0	
	LOUISVILLE	65	40	80	32	53	-7	0.04	-0.81	0.04	2.10	32	33.46	84	69	28	0	1	1	0	
LA	PADUCAH	66	39	79	26	53	-6	0.01	-0.93	0.01	0.86	13	34.12	83	73	27	0	3	1	0	
	BATON ROUGE	76	46	89	34	61	-7	0.00	-1.24	0.00	0.94	11	33.65	65	90	35	0	0	0	0	
	LAKE CHARLES	74	49	86	36	62	-9	0.02	-1.17	0.02	2.12	24	25.94	52	97	39	0	0	1	0	
MA	NEW ORLEANS	74	52	85	40	63	-8	0.00	-0.90	0.00	2.64	34	39.94	74	85	39	0	0	0	0	
	SHREVEPORT	77	50	88	36	63	-3	0.09	-1.02	0.09	2.36	35	37.74	91	78	32	0	0	1	0	
	BOSTON	64	47	69	42	55	1	0.42	-0.52	0.24	6.14	95	23.10	67	87	44	0	0	2	0	
MD	WORCESTER	58	41	66	35	49	0	0.83	-0.32	0.60	9.53	123	37.00	95	92	42	0	0	2	1	
	BALTIMORE	66	40	73	34	53	-4	0.00	-0.89	0.00	7.60	104	38.96	105	89	33	0	0	0	0	
	CARIBOU	61	40	66	35	50	7	1.78	0.84	0.98	5.50	87	33.44	102	91	47	0	0	2	2	
MI	PORTLAND	59	40	63	33	50	1	2.76	1.51	1.98	10.36	137	44.38	117	96	58	0	0	2	2	
	ALPENA	52	36	75	32	44	-2	2.31	1.64	1.21	4.28	85	24.88	100	96	59	0	1	5	2	
	GRAND RAPIDS	55	38	75	33	46	-4	0.78	-0.13	0.46	3.69	58	29.80	91	86	55	0	0	3	0	
MN	HOUGHTON LAKE	51	35	72	29	43	-3	0.49	-0.22	0.22	3.98	83	22.46	93	91	63	0	2	5	0	
	LANSING	55	39	76	35	47	-3	0.37	-0.34	0.21	3.24	63	29.77	106	81	51	0	0	5	0	
	MUSKEGON	57	40	79	34	48	-2	0.96	0.10	0.41	5.81	97	27.94	97	82	53	0	0	3	0	
MO	TRAVERSE CITY	55	39	79	35	47	-2	1.23	0.43	0.56	8.07	134	24.11	100	84	56	0	0	5	1	
	DULUTH	49	30	63	22	40	-3	0.02	-0.61	0.02	3.16	55	25.70	95	77	44	0	5	1	0	
	INT_L FALLS	47	28	61	18	38	-2	0.04	-0.45	0.02	2.81	60	29.51	131	86	44	0	5	2	0	
MS	MINNEAPOLIS	55	32	77	23	44	-5	0.00	-0.55	0.00	0.40	7	18.22	64	70	31	0	3	0	0	
	ROCHESTER	55	29	79	18	42	-5	0.00	-0.51	0.00	1.09	20	31.11	100	76	34	0	4	0	0	
	ST. CLOUD	54	28	73	17	41	-4	0.00	-0.58	0.00	2.23	44	20.99	82	78	33	0	5	0	0	
MT	COLUMBIA	67	37	87	25	52	-5	0.00	-0.81	0.00	2.59	40	26.91	75	68	24	0	4	0	0	
	KANSAS CITY	67	39	88	24	53	-2	0.00	-0.71	0.00	1.15	17	27.31	78	63	22	0	3	0	0	
	SAINT LOUIS	67	42	84	31	54	-4	0.00	-0.76	0.00	2.00	38	40.66	116	61	24	0	2	0	0	
NC	SPRINGFIELD	66	37	84	21	51	-6	0.04	-0.83	0.04	1.38	20	31.93	85	74	23	0	3	1	0	
	JACKSON	73	43	83	30	58	-7	0.00	-0.90	0.00	0.89	14	47.57	102	85	29	0	2	0	0	
	MERIDIAN	70	41	80	31	55	-10	0.00	-0.93	0.00	3.61	61	43.94	95	89	35	0	2	0	0	
ND	TUPELO	71	44	83	33	58	-6	0.00	-0.93	0.00	2.43	37	38.45	83	78	30	0	0	0	0	
	BILLINGS	69	42	80	37	56	9	0.20	-0.11	0.16	1.72	70	13.44	104	72	29	0	0	2	0	
	BUTTE	69	28	74	22	48	9	0.00	-0.19	0.00	2.05	121	8.61	75	74	15	0	5	0	0	
NE	CUT BANK	65	32	79	28	49	8	0.13	0.02	0.12	0.96	63	7.47	75	81	35	0	4	2	0	
	GLASGOW	63	37	80	31	50	7	0.18	-0.01	0.15	1.05	59	7.21	58	77	37	0	1	2	0	
	GREAT FALLS	67	36	76	32	51	8	0.75	0.51	0.75	3.61	168	11.92	89	83	31	0	3	1	1	
OH	HAVRE	66	32	79	27	49	7	0.94	0.80	0.65	1.41	86	7.94	73	83	35	0	4	2	1	
	MISSOULA	63	33	70	28	48	5	0.24	-0.04	0.17	1.65	93	8.00	69	87	37	0	5	2	0	
	ASHEVILLE	62	33	74	28	48	-9	0.06	-0.68	0.04	4.35	66	37.83	92	89	31	0	5	2	0	
OR	CHARLOTTE	69	38	81	30	54	-7	0.00	-0.69	0.00	4.85	79	31.75	88	91	29	0	3	0	0	
	GREENSBORO	66	38	77	31	52	-7	0.63	-0.04	0.41	6.45	94	37.52	102	88	35	0	2	2	0	
	HATTERAS	69	56	78	41	63	-5	0.02	-1.22	0.02	2.65	22	35.22	70	92	56	0	0	1	0	
PA	RALEIGH	71	41	82	34	56	-5	0.58	-0.16	0.58	5.54	72	35.41	92	93	35	0	0	1	1	
	WILMINGTON	75	47	85	37	61	-4	0.00	-0.98	0.00	5.39	43	35.69	68	89	37	0	0	0	0	
	BISMARCK	58	31	81	20	44	1	0.00	-0.33	0.00	1.02	36	24.00	137	73	28	0	5	0	0	
RI	DICKINSON	59	32	76	21	46	4	0.00	-0.26	0.00	0.16	6	13.70	93	74	35	0	3	0	0	
	FARGO	53	25	66	10	39	-5	0.00	-0.50	0.00	0.51	11	17.78	82	76	30	0	5	0	0	
	GRAND FORKS	55	25	70	9	40	-2	0.00	-0.42	0.00	0.66	18	20.40	103	79	32	0	5	0	0	
SD	JAMESTOWN	57	27	75	13	42	0	0.00	-0.39	0.00	0.77	22	14.57	78	76	26	0	4	0	0	
	GRAND ISLAND	68	31	86	18	49	-2	0.00	-0.44	0.00	0.80	22	10.99	45	68	17	0	4	0	0	
	LINCOLN	66	27	82	16	47	-6	0.00	-0.45	0.00	1.48	32	17.95	68	74	22	0	5	0	0	
TN	NORFOLK	65	28	87	15	46	-3	0.00	-0.46	0.00	1.47	36	11.40	46	66	19	0	3	0	0	
	NORTH PLATTE	72	28	87	23	50	1	0.00	-0.39	0.00	1.37	47	12.18	61	80	18	0	7	0	0	
	OMAHA	62	30	81	16	46	-7	0.00	-0.49	0.00	1.86	39	19.82	69	78	25	0	4	0	0	
TX	SCOTTSBLUFF	75	32	83	27	53	6	0.00	-0.28	0.00	1.13	51	7.73	54	67	13	0	5	0	0	
	VALENTINE	66	28	83	16	47	0	0.00	-0.30	0.00	0.21	7	9.66	49	67	20	0	4	0	0	
	CONCORD	62	31	70	27	46	-2	0.24	-0.82	0.16	5.97	87	30.16	89	98	41	0	4	2	0	
VA	ATLANTIC_CITY	64	39	69	32	51	-5	0.02	-0.96	0.01	9.70	150	43.75	118	91	39	0	1	2	0	
	NEWARK	65	43	69	37	54	-2	0.28	-0.61	0.28	6.72	103	29.66	77	80	34	0	0	1	0	
	ALBUQUERQUE	67	46	75	41	57	0	0.63	0.43	0.46	1.74	95	7.99	105	82	39	0	0	2	0	
WY	ELY	67	29	73	27	48	3	0.21	0.02	0.21	1.80	151	5.52	70	73	16	0	6	1	0	
	LAS VEGAS	84	64	86	62	74	5	0.00	-0.08	0.00	0.46	86	1.59	47	40	15	0	0	0	0	
	RENO	78	42	80	41	60	6	0.01	-0.10	0.01	0.26	47	2.67	48	55	11	0	0	1	0	
AZ	WINNEMUCCA	73	30	81	27	55	7	0.00	-0.16	0.00	0.40	48	3.18	50	65	22	0	5	0	0	
	ALBANY	59	36	69	31	47	-3	0.43	-0.44	0.43	7.86	120	37.29	111	90	45	0	1	1	0	
	BINGHAMTON	52	36	66	30	44	-4	0.00	-0.85	0.00	8.71	129	34.95	100	78	45	0	2	0	0	
CA	BUFFALO	56	40	73	34	48	-3	1.56	0.69	0.74	7.28	103	29.54	91	81	48	0	0	5	1	
	ROCHESTER	57	36	73	31	46	-5	0.42	-0.31	0.26	3.86	70	22.84	79	90	44	0	2			

Weather Data for the Week Ending October 22, 2022

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		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
OK	TOLEDO	59	39	79	33	49	-5	0.14	-0.44	0.07	3.02	63	34.87	119	82	41	0	0	2	0
	YOUNGSTOWN	55	37	73	32	46	-5	0.48	-0.28	0.43	4.22	68	36.05	105	79	46	0	1	2	0
	OKLAHOMA CITY	73	46	91	28	59	-1	0.00	-0.83	0.00	2.20	35	18.95	59	68	22	1	1	0	0
OR	TULSA	71	42	89	26	57	-5	0.01	-0.89	0.01	2.33	35	26.68	76	72	23	0	2	1	0
	ASTORIA	62	46	69	42	54	2	0.91	-0.74	0.54	1.68	24	43.33	93	97	69	0	0	2	1
	BURNS	72	29	78	24	51	6	0.07	-0.12	0.06	0.28	32	4.59	60	64	21	0	6	2	0
	EUGENE	69	45	75	41	57	5	0.19	-0.58	0.19	0.32	9	19.02	72	97	52	0	0	1	0
	MEDFORD	77	45	87	44	61	7	0.39	0.10	0.39	0.91	75	8.07	68	80	29	0	0	1	0
	PENDLETON	70	44	78	41	57	7	0.84	0.57	0.48	0.93	76	11.88	124	77	30	0	0	2	0
PA	PORTLAND	70	50	85	48	60	6	0.58	-0.26	0.45	0.89	24	23.77	97	92	49	0	0	2	0
	SALEM	69	46	75	42	57	4	0.25	-0.60	0.17	0.54	14	24.80	95	95	48	0	0	2	0
	ALLENTOWN	60	33	69	28	47	-7	0.07	-0.86	0.07	7.94	99	38.01	96	91	37	0	5	1	0
	ERIE	55	39	73	35	47	-6	2.11	1.14	1.16	12.37	165	38.59	114	79	48	0	0	4	1
	MIDDLETOWN	61	41	69	35	51	-3	0.00	-0.87	0.00	6.61	86	32.80	89	80	36	0	0	0	0
	PHILADELPHIA	64	44	70	41	54	-3	0.42	-0.37	0.42	6.88	99	30.90	85	92	38	0	0	1	0
	PITTSBURGH	56	36	71	33	46	-6	0.13	-0.50	0.10	4.70	88	31.17	94	78	39	0	0	2	0
	WILKES-BARRE	51	35	62	31	44	-8	0.00	-0.85	0.00	8.21	119	33.86	105	94	56	0	2	0	0
	WILLIAMSPORT	59	35	69	31	47	-5	0.00	-0.81	0.00	7.44	99	30.26	84	88	39	0	3	0	0
RI	PROVIDENCE	64	41	70	37	52	-1	0.35	-0.61	0.23	9.66	135	33.92	90	94	48	0	0	2	0
SC	CHARLESTON	73	46	84	37	60	-7	0.00	-0.91	0.00	8.54	90	43.74	95	91	38	0	0	0	0
	COLUMBIA	71	40	84	33	56	-7	0.00	-0.70	0.00	3.97	62	33.92	89	87	29	0	0	0	0
	FLORENCE	73	41	84	32	57	-7	0.00	-0.69	0.00	4.50	63	31.27	81	89	31	0	1	0	0
SD	GREENVILLE	68	37	83	30	53	-8	0.00	-0.80	0.00	5.18	80	40.89	101	83	26	0	3	0	0
	ABERDEEN	59	26	73	13	43	-2	0.00	-0.51	0.00	0.19	5	17.09	85	74	26	0	5	0	0
	HURON	59	26	76	9	42	-4	0.00	-0.44	0.00	0.31	7	14.05	65	74	24	0	4	0	0
TN	RAPID CITY	67	33	81	25	50	5	0.00	-0.31	0.00	0.83	35	14.66	89	71	25	0	4	0	0
	SIoux FALLS	60	30	83	17	45	-3	0.00	-0.50	0.00	2.02	43	20.76	82	68	23	0	4	0	0
	BRISTOL	62	34	73	27	48	-8	0.27	-0.29	0.26	3.54	77	34.33	94	86	36	0	5	2	0
	CHATTANOOGA	68	38	81	31	53	-8	0.00	-0.80	0.00	3.30	48	41.53	94	85	29	0	1	0	0
	KNOXVILLE	64	37	75	31	51	-8	0.50	-0.12	0.46	3.00	55	41.01	97	87	35	0	2	2	0
	MEMPHIS	68	46	80	35	57	-6	0.01	-0.99	0.01	3.69	63	40.77	93	74	36	0	0	1	0
TX	NASHVILLE	66	42	77	33	54	-7	0.10	-0.66	0.10	1.79	28	41.78	101	69	29	0	0	1	0
	ABILENE	79	53	89	45	66	0	0.21	-0.48	0.11	2.29	48	9.89	45	72	30	0	0	2	0
	AMARILLO	73	47	84	39	60	2	0.25	-0.14	0.25	2.95	96	14.15	79	80	28	0	0	1	0
	AUSTIN	83	55	93	42	69	-2	0.72	-0.30	0.54	1.17	18	13.56	46	83	27	1	0	2	1
	BEAUMONT	78	51	90	38	65	-6	0.01	-1.29	0.01	1.21	11	30.97	59	92	40	1	0	1	0
	BROWNSVILLE	85	62	94	52	74	-4	0.82	-0.07	0.80	5.36	61	21.20	92	88	45	2	0	2	1
	CORPUS CHRISTI	81	58	94	47	69	-5	0.45	-0.29	0.37	2.10	27	17.87	66	92	44	1	0	2	0
	DEL RIO	78	58	85	50	68	-4	0.00	-0.48	0.00	1.32	30	5.57	31	90	44	0	0	0	0
	EL PASO	76	53	85	47	64	-1	0.20	0.07	0.19	3.46	176	9.06	119	76	35	0	0	2	0
	FORT WORTH	78	53	92	42	65	-1	0.08	-1.06	0.08	0.41	7	26.57	87	69	28	1	0	1	0
	GALVESTON	77	64	86	50	70	-4	0.40	-0.87	0.40	3.41	32	25.28	67	77	43	0	0	1	0
	HOUSTON	79	54	92	42	67	-4	0.31	-1.05	0.31	1.06	12	30.15	71	85	34	1	0	1	0
	LUBBOCK	73	50	85	44	61	1	0.54	0.20	0.50	2.44	65	12.04	73	86	38	0	0	2	1
	MIDLAND	73	50	86	44	61	-4	0.83	0.57	0.43	1.94	74	7.78	65	94	41	0	0	3	0
	SAN ANGELO	78	52	90	45	65	-1	1.36	0.78	1.19	3.43	79	9.15	50	84	36	1	0	2	1
	SAN ANTONIO	80	57	91	46	69	-2	0.62	-0.30	0.62	1.56	23	8.57	31	81	30	1	0	1	1
	VICTORIA	82	55	91	42	68	-3	0.22	-0.76	0.22	1.22	16	15.45	45	89	35	1	0	1	0
	WACO	80	52	92	37	66	-1	0.60	-0.53	0.48	1.00	16	12.22	41	83	31	1	0	2	0
UT	WICHITA FALLS	79	49	97	36	64	1	0.31	-0.41	0.31	0.62	12	12.24	51	73	26	2	0	1	0
	SALT LAKE CITY	74	47	77	38	61	8	0.65	0.36	0.65	1.43	73	7.68	61	59	19	0	0	1	1
	VA	LYNCHBURG	65	37	73	28	51	-5	0.49	-0.19	0.45	2.84	45	35.44	101	88	33	0	3	2
	NORFOLK	66	47	78	37	57	-6	0.64	-0.23	0.64	5.64	68	29.57	70	90	45	0	0	1	1
	RICHMOND	67	42	76	34	55	-4	1.07	0.31	0.63	3.39	47	30.59	80	91	35	0	0	2	1
	ROANOKE	63	39	71	34	51	-7	0.51	-0.14	0.50	7.00	111	36.75	102	83	36	0	0	2	1
VT	WASH/DULLES	65	37	73	32	51	-4	0.00	-0.83	0.00	5.22	79	32.19	89	88	32	0	1	0	0
	BURLINGTON	59	41	69	36	50	1	0.17	-0.69	0.16	8.28	127	31.80	101	83	40	0	0	2	0
	WA	OLYMPIA	65	40	85	38	53	3	0.60	-0.63	0.60	0.73	14	32.56	99	99	56	0	0	1
	QUILLAYUTE	63	45	71	41	54	4	0.35	-2.23	0.26	1.42	12	61.19	89	99	64	0	0	3	0
	SEATTLE-TACOMA	65	49	88	44	57	4	0.70	-0.24	0.41	0.96	23	25.69	99	91	55	0	0	2	0
	SPOKANE	65	43	74	36	54	8	0.37	0.03	0.35	0.91	62	10.32	89	78	38	0	0	2	0
WI	YAKIMA	70	41	78	37	55	7	0.30	0.13	0.19	0.42	65	4.43	80	85	32	0	0	2	0
	EAU CLAIRE	55	30	77	22	42	-4	0.00	-0.53	0.00	2.52	45	17.63	60	83	39	0	5	0	0
	GREEN BAY	58	36	79	31	47	0	0.09	-0.51	0.08	4.24	82	27.02	99	80	42	0	1	2	0
	LA CROSSE	58	33	81	23	45	-5	0.00	-0.54	0.00	0.77	14	21.83	69	78	34	0	2	0	0
	MADISON	56	35	77	27	46	-3	0.04	-0.56	0.02	4.33	79	29.73	91	78	40	0	3	2	0
	MILWAUKEE	58	39	77	34	48	-3	0.04	-0.55	0.04	6.96	134	30.07	101	70	41	0	0	1	0
WV	BECKLEY	55	36	70	30	46	-8	0.92	0.28	0.91	5.85	114	41.62.6							

National Agricultural Summary

October 17 – 23, 2022

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Most of the nation remained drier than normal during the week. In contrast, parts of the Great Basin, Great Lakes, Maine, Pacific Northwest, Rockies, Southwest, and Texas recorded at least twice the normal amount of weekly precipitation. Some locations in Maine, Michigan, Oregon, and Texas recorded at least 2 inches of rain during the week. Meanwhile, most of the western half of the

U.S. recorded above-normal temperatures. Parts of the Rockies and scattered locations in the Pacific Northwest noted temperatures 9°F or more above normal. In contrast, most of the eastern half of the nation was cooler than normal. Parts of the Mississippi Valley and much of the Southeast recorded temperatures 9°F or more below normal.

Corn: Ninety-seven percent of the nation's corn acreage was mature by October 23, three percentage points behind last year but equal to the 5-year average. Sixty-one percent of the 2022 corn acreage was harvested by week's end, 3 percentage points behind last year but 9 points ahead of the average pace. Harvest progress advanced 20 percentage points or more for the week in Iowa, Minnesota, North Dakota, and South Dakota.

Soybeans: Soybean harvest across the nation was 80 percent complete by October 23, nine percentage points ahead of last year and 13 points ahead of the 5-year average. Harvest progress advanced more than 10 percentage points for the week in 15 of the 18 estimating states.

Winter Wheat: Nationwide, producers had sown 79 percent of the intended 2023 winter wheat acreage by October 23, equal to last year but 1 percentage point ahead of the 5-year average. Planting progress advanced more than 10 percentage points during the week in 10 of the 18 estimating states. Nationwide, 49 percent of the winter wheat acreage had emerged by October 23, four percentage points behind last year and 7 points behind average. During the week, winter wheat emergence advanced by 20 percentage points or more in Michigan, Ohio, and Oregon.

Cotton: By October 23, ninety-two percent of the nation's cotton had open bolls, 2 percentage points ahead of last year and 1 point ahead of the 5-year average. By October 23, forty-five percent of the nation's cotton acreage was harvested, 11 percentage points ahead of last year and 6 points ahead of average. Cotton harvest advanced 10 percentage points or more for the week in 11 of the 15 estimating states. On October 23, thirty percent of the 2022 cotton acreage was rated in good to excellent condition,

1 percentage point below the previous week and 34 points below the same time last year.

Sorghum: By October 23, ninety-five percent of the nation's sorghum acreage was mature, 1 percentage point behind last year but 2 points ahead of the 5-year average. Sixty-seven percent of the 2022 sorghum acreage had been harvested by October 23, two percentage points behind last year but 8 points ahead of average. Sorghum harvest advanced 14 percentage points or more during the week in Kansas, Nebraska, and Oklahoma.

Rice: Nationally, 94 percent of the rice acreage was harvested by October 23, one percentage point behind the previous year but equal to the 5-year average. California showed an increase of 15 percentage points from the previous week.

Other Crops: Sixty-eight percent of the nation's peanut acreage was harvested as of October 23, nineteen percentage points ahead of last year and 9 points ahead of the 5-year average. Peanut harvest advanced 10 percentage points or more during the week in seven of the eight estimating states.

By October 23, sugarbeet producers had harvested 80 percent of the nation's crop, 19 percentage points ahead of last year and 12 points ahead of the 5-year average. Sugarbeet harvest advanced 14 percentage points or more during the week in three of the four estimating states.

By October 23, thirty-five percent of this year's sunflower crop was harvested, 3 percentage points behind last year but 4 points ahead of the 5-year average. Sunflower harvest advanced more than 10 percentage points during the week in three of the four estimating states.

Crop Progress and Condition

Week Ending October 23, 2022

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

Corn Percent Mature				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
CO	98	95	97	95
IL	100	88	93	98
IN	100	92	95	97
IA	99	96	98	97
KS	100	97	99	98
KY	99	99	100	99
MI	95	86	93	89
MN	100	96	98	98
MO	100	97	98	100
NE	99	94	97	98
NC	100	100	100	100
ND	100	93	97	92
OH	99	84	91	91
PA	98	80	90	94
SD	99	97	99	94
TN	100	100	100	100
TX	100	100	100	98
WI	99	92	96	89
18 Sts	100	94	97	97
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Harvested				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
CO	56	27	32	46
IL	76	47	65	69
IN	55	39	54	54
IA	58	38	59	42
KS	83	73	83	74
KY	77	78	85	84
MI	45	22	30	33
MN	68	36	61	42
MO	80	67	78	73
NE	57	46	65	46
NC	96	91	94	95
ND	53	25	48	34
OH	39	24	36	38
PA	35	17	20	42
SD	62	44	64	40
TN	85	89	94	92
TX	93	88	93	86
WI	46	14	22	29
18 Sts	64	45	61	52
These 18 States harvested 93% of last year's corn acreage.				

Soybeans Percent Harvested				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
AR	68	62	79	67
IL	66	55	78	74
IN	61	57	75	68
IA	81	74	88	68
KS	55	45	66	52
KY	45	48	60	50
LA	86	93	96	94
MI	48	49	63	57
MN	94	83	95	79
MS	76	84	90	82
MO	46	38	59	42
NE	86	76	93	76
NC	27	31	38	29
ND	90	76	92	72
OH	68	51	70	68
SD	92	82	93	74
TN	42	46	61	52
WI	72	56	76	60
18 Sts	71	63	80	67
These 18 States harvested 96% of last year's soybean acreage.				

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
AL	88	94	98	93
AZ	100	100	100	100
AR	100	100	100	100
CA	96	85	90	90
GA	90	92	94	94
KS	92	88	92	90
LA	100	100	100	100
MS	96	96	98	98
MO	96	99	100	99
NC	96	96	98	96
OK	94	93	95	94
SC	93	94	97	94
TN	88	93	96	97
TX	88	85	88	88
VA	98	97	98	98
15 Sts	90	89	92	91
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Harvested				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
AL	21	33	47	39
AZ	36	33	38	32
AR	55	50	71	68
CA	48	30	55	31
GA	22	27	37	34
KS	5	26	45	7
LA	70	87	93	80
MS	40	63	77	60
MO	50	30	55	54
NC	25	26	44	32
OK	17	7	21	21
SC	13	26	33	30
TN	24	32	51	48
TX	39	40	41	37
VA	26	42	56	37
15 Sts	34	37	45	39
These 15 States harvested 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	3	19	74	4
AZ	1	1	9	36	53
AR	6	5	15	51	23
CA	0	0	5	95	0
GA	1	6	31	53	9
KS	10	41	31	17	1
LA	6	17	44	31	2
MS	0	6	27	63	4
MO	6	6	28	57	3
NC	2	10	34	49	5
OK	51	7	37	5	0
SC	1	8	20	70	1
TN	3	8	34	49	6
TX	31	37	22	8	2
VA	0	2	17	78	3
15 Sts	21	24	25	26	4
Prev Wk	17	29	23	26	5
Prev Yr	1	5	30	48	16

Crop Progress and Condition**Week Ending October 23, 2022**

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

Sorghum Percent Mature				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
CO	97	80	86	94
KS	92	83	93	91
NE	96	87	93	97
OK	97	90	99	91
SD	100	98	100	91
TX	100	100	100	97
6 Sts	96	89	95	93
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Harvested				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
CO	58	39	47	44
KS	59	39	53	42
NE	70	34	55	52
OK	53	40	55	54
SD	78	61	68	47
TX	95	98	100	89
6 Sts	69	57	67	59
These 6 States harvested 100% of last year's sorghum acreage.				

Peanuts Percent Harvested				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
AL	46	58	70	64
FL	67	73	84	77
GA	51	59	72	63
NC	53	52	65	53
OK	32	15	45	42
SC	44	42	51	52
TX	29	25	42	29
VA	67	75	85	68
8 Sts	49	55	68	59
These 8 States harvested 96% of last year's peanut acreage.				

Sugarbeets Percent Harvested				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
ID	62	43	57	60
MI	46	34	41	44
MN	64	82	96	76
ND	63	79	95	77
4 Sts	61	67	80	68
These 4 States harvested 84% of last year's sugarbeet acreage.				

Sunflowers Percent Harvested				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
CO	40	21	27	43
KS	51	32	43	38
ND	35	26	39	34
SD	41	18	32	26
4 Sts	38	22	35	31
These 4 States harvested 86% of last year's sunflower acreage.				

Rice Percent Harvested				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
AR	93	95	97	95
CA	97	60	75	89
LA	100	99	100	100
MS	94	89	94	95
MO	84	88	97	89
TX	100	100	100	100
6 Sts	95	89	94	94
These 6 States harvested 100% of last year's rice acreage.				

Winter Wheat Percent Planted				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
AR	44	23	34	46
CA	19	17	20	22
CO	96	95	97	96
ID	98	83	92	95
IL	65	39	67	69
IN	63	47	65	70
KS	83	64	76	79
MI	66	74	85	77
MO	51	34	51	44
MT	87	89	93	87
NE	96	94	96	96
NC	21	11	24	19
OH	73	66	84	81
OK	71	53	72	77
OR	68	71	90	78
SD	98	91	96	96
TX	71	70	75	69
WA	96	89	95	92
18 Sts	79	69	79	78
These 18 States planted 89% of last year's winter wheat acreage.				

Winter Wheat Percent Emerged				
	Prev Year	Prev Week	Oct 23 2022	5-Yr Avg
AR	21	3	9	26
CA	5	2	5	6
CO	67	60	65	72
ID	68	40	57	63
IL	46	8	17	41
IN	36	11	24	41
KS	57	33	46	56
MI	53	37	58	53
MO	28	9	18	25
MT	61	63	77	61
NE	83	73	86	83
NC	7	3	8	7
OH	49	10	30	55
OK	50	30	40	61
OR	24	23	46	36
SD	66	54	62	77
TX	45	37	46	48
WA	67	64	72	66
18 Sts	53	38	49	56
These 18 States planted 90% of last year's winter wheat acreage.				

Crop Progress and Condition**Week Ending October 23, 2022**

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

Pasture and Range Condition by Percent Week Ending Oct 23, 2022												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	4	18	51	27	0		NH	0	4	25	71	0
AZ	8	13	39	22	18		NJ	0	10	32	58	0
AR	40	35	20	5	0		NM	1	24	36	28	11
CA	25	20	35	20	0		NY	4	2	37	49	8
CO	13	23	27	33	4		NC	2	5	39	54	0
CT	0	0	100	0	0		ND	2	25	50	22	1
DE	2	28	53	11	6		OH	3	6	32	53	6
FL	3	15	29	40	13		OK	40	37	21	2	0
GA	7	22	45	23	3		OR	27	22	37	12	2
ID	12	22	35	31	0		PA	2	9	20	60	9
IL	25	16	32	25	2		RI	0	0	20	80	0
IN	11	29	40	18	2		SC	2	22	42	33	1
IA	13	27	34	24	2		SD	30	33	26	11	0
KS	49	30	17	4	0		TN	11	25	41	22	1
KY	21	38	30	10	1		TX	33	27	29	10	1
LA	3	17	33	37	10		UT	5	24	29	40	2
ME	0	0	0	100	0		VT	5	5	38	47	5
MD	0	12	42	41	5		VA	7	17	35	37	4
MA	0	0	80	20	0		WA	2	40	36	20	2
MI	4	12	41	39	4		WV	1	11	24	62	2
MN	7	14	35	37	7		WI	3	10	31	42	14
MS	9	22	37	30	2		WY	12	29	29	29	1
MO	27	41	21	11	0		48 Sts	23	26	29	19	3
MT	21	20	29	30	0							
NE	50	32	17	1	0		Prev Wk	23	25	29	19	4
NV	25	30	30	15	0		Prev Yr	21	22	33	21	3

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

NA - Not Available
* Revised

Crop Progress and Condition

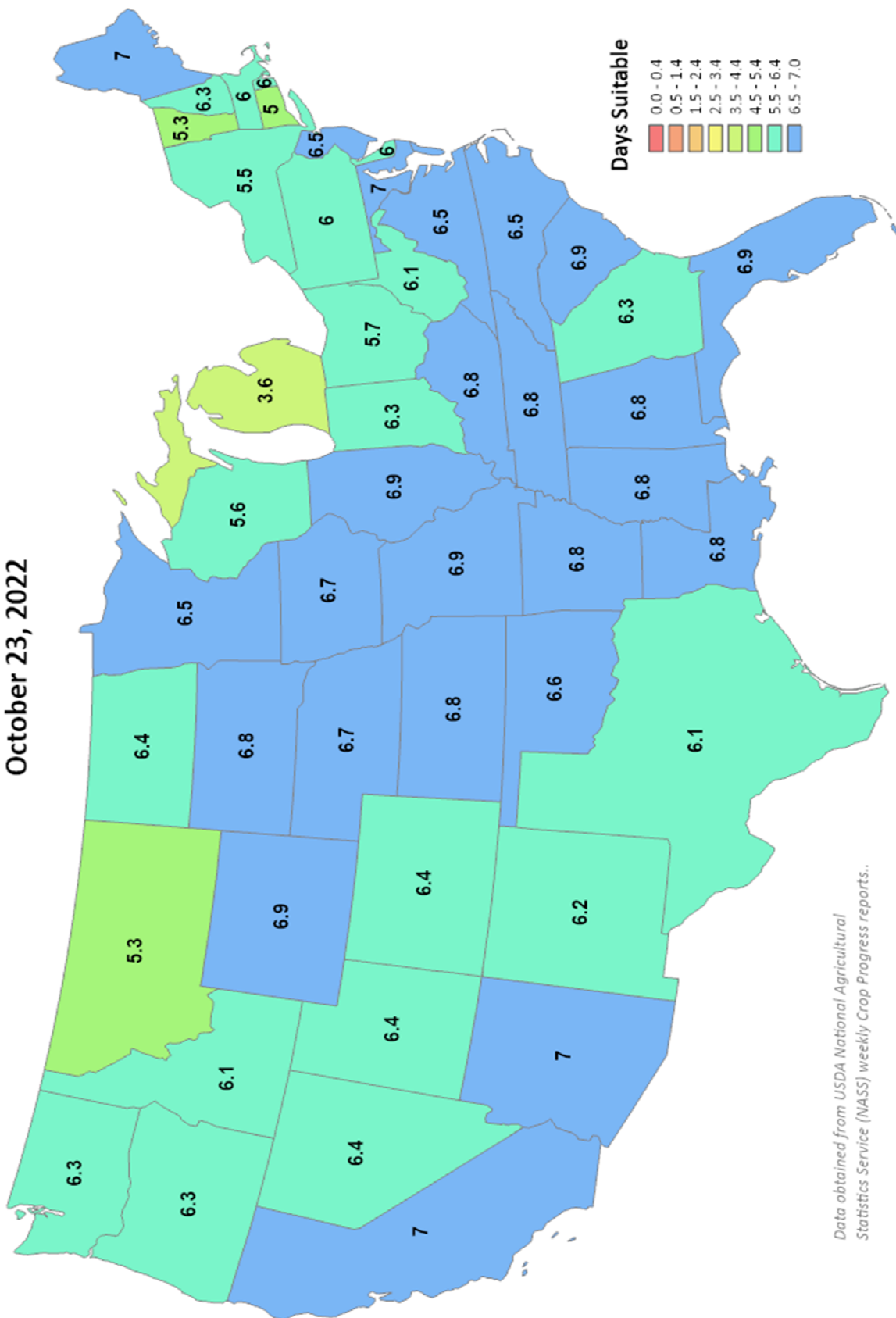
Week Ending October 23, 2022

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

Days Suitable for Fieldwork

Week Ending

October 23, 2022

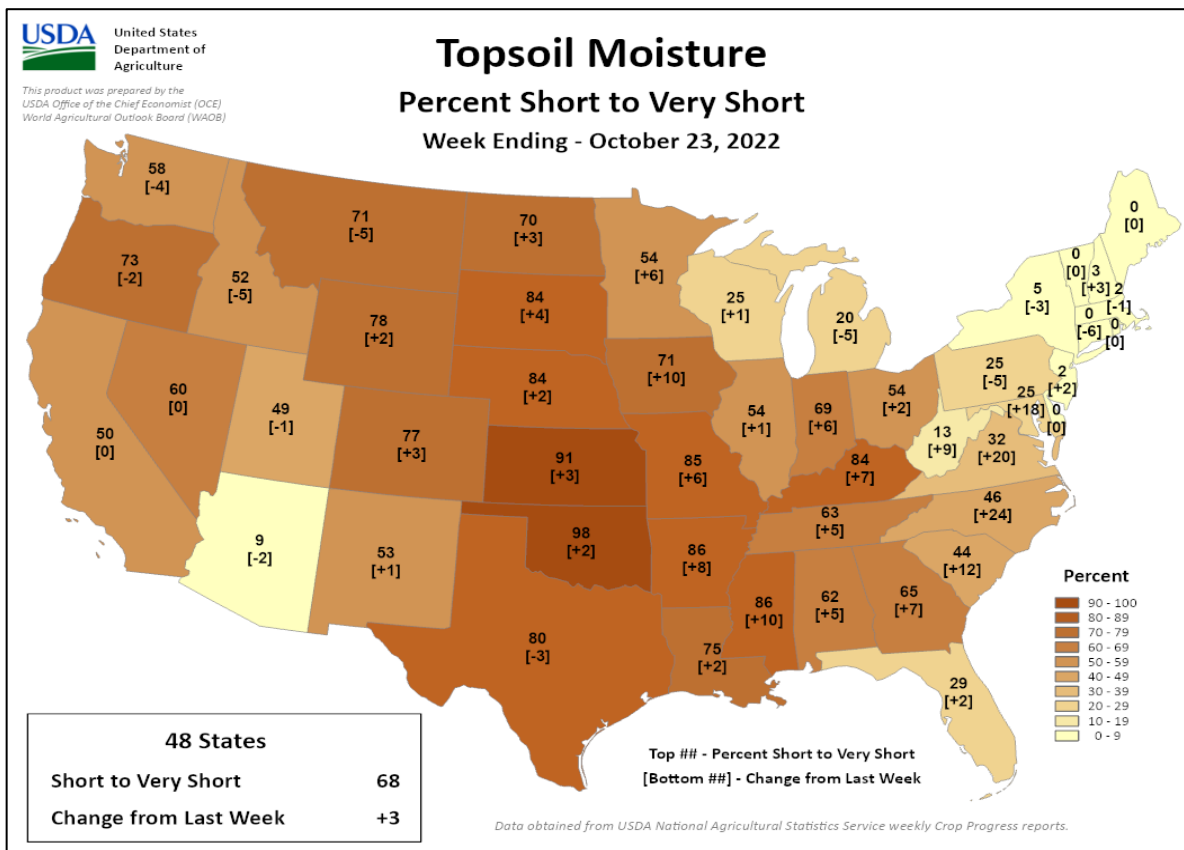
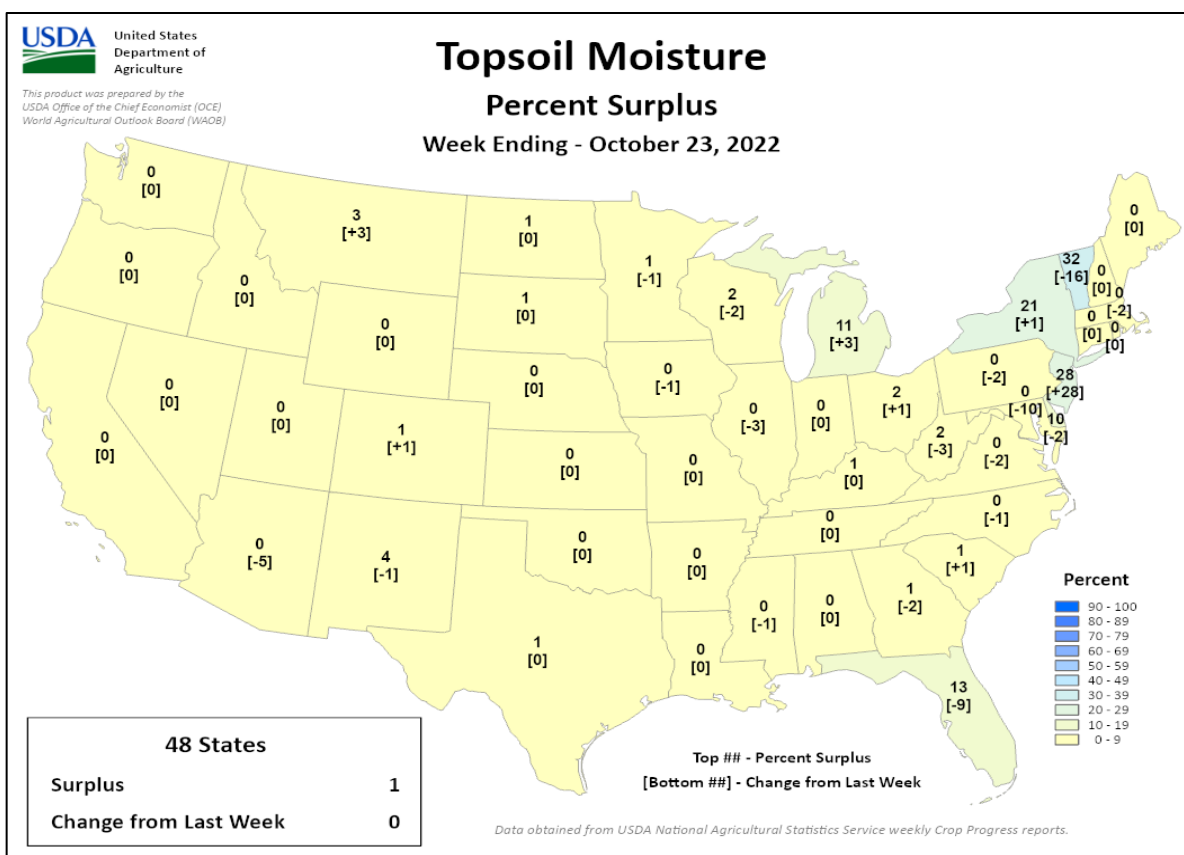


Data obtained from USDA National Agricultural Statistics Service (NASS) weekly Crop Progress reports...

Crop Progress and Condition

Week Ending October 23, 2022

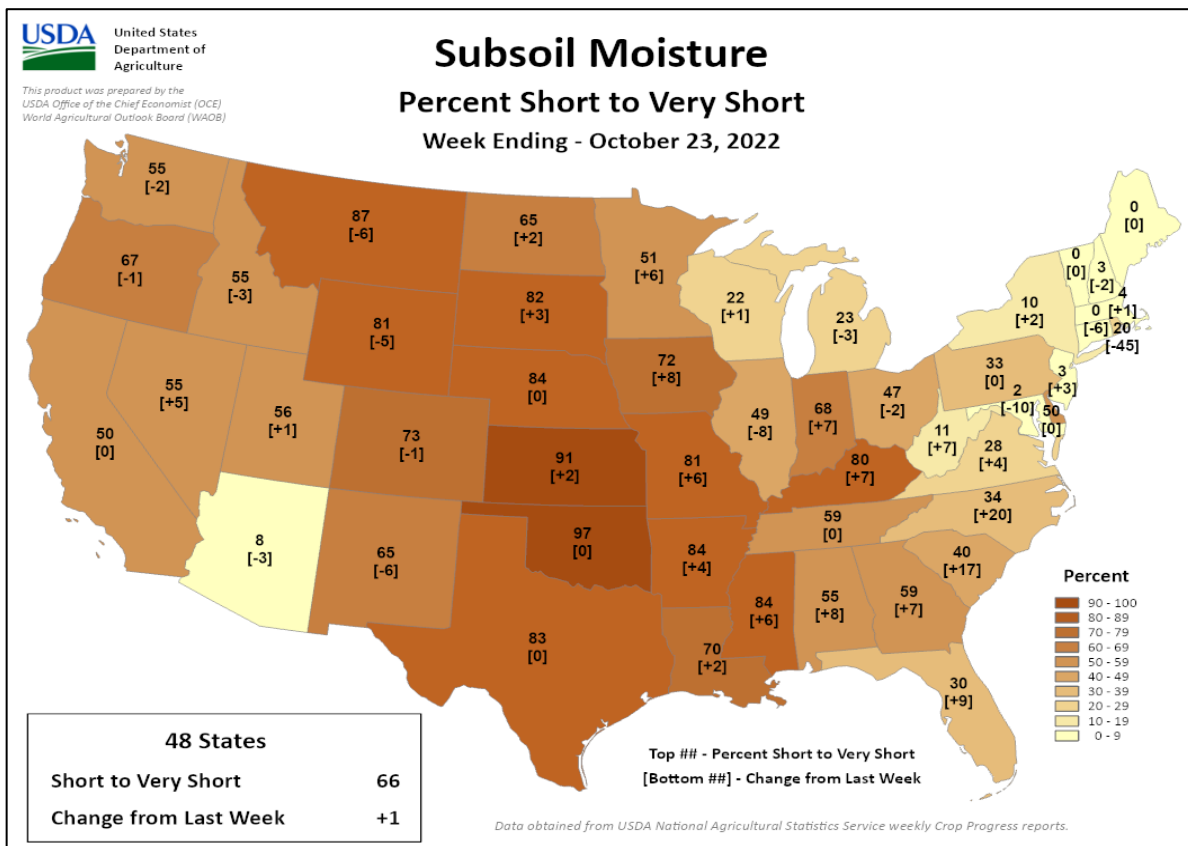
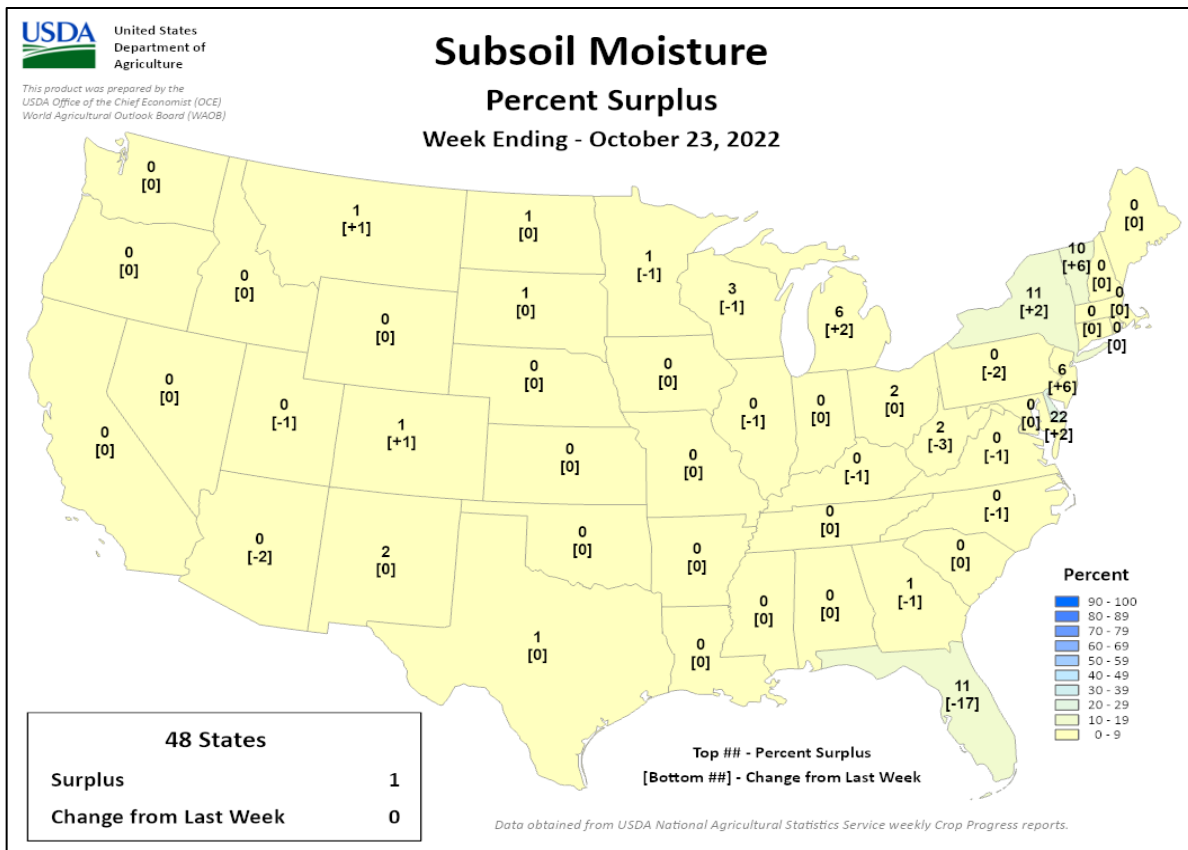
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending October 23, 2022

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



International Weather and Crop Summary

October 16-22, 2022

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

HIGHLIGHTS

EUROPE: Widespread, locally heavy showers in western and northern Europe contrasted with additional dry weather in southeastern growing areas.

WESTERN FSU: Favorably dry weather early in the period promoted summer crop harvesting in Ukraine, while showers lingered over much of western Russia.

MIDDLE EAST: Pockets of moderate to heavy rain benefited winter grains in Turkey and immediate environs.

SOUTH ASIA: The withdrawal of the southwest monsoon accelerated, bringing needed drier weather to northern India.

EAST ASIA: Dry, mild weather supported seasonal fieldwork in China.

SOUTHEAST ASIA: Typhoon Nesat brought locally heavy rainfall to the northern Philippines and central Vietnam.

AUSTRALIA: Heavy rain in the east exacerbated local flooding and increased concerns about winter crop quality.

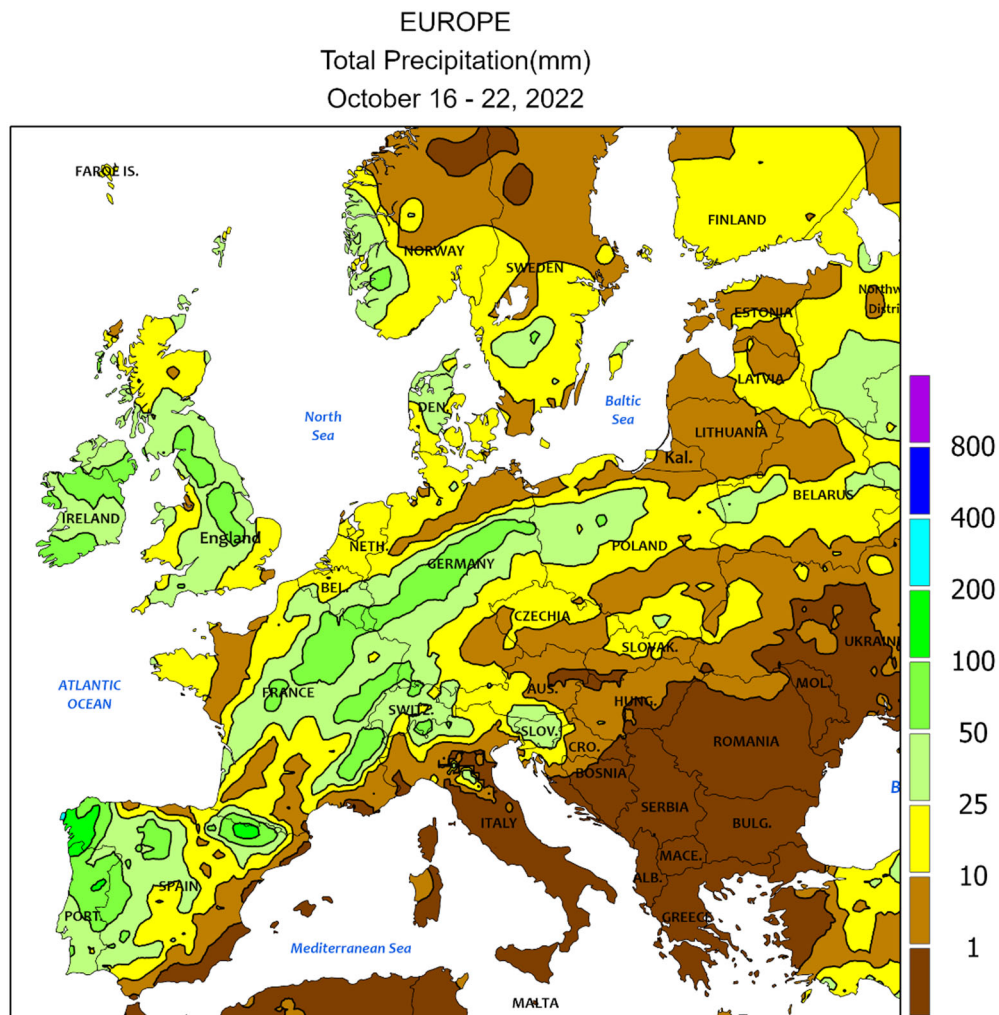
SOUTH AFRICA: Timely moisture prompted early planting of corn and other rain-fed summer crops.

ARGENTINA: Beneficial rain provided localized relief from drought.

BRAZIL: Showers benefited emerging soybeans in southern and central Brazil.

MEXICO: Seasonal dryness dominated the northwest, as a hurricane approached the southwest.





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Computer generated contours
Based on preliminary data



EUROPE

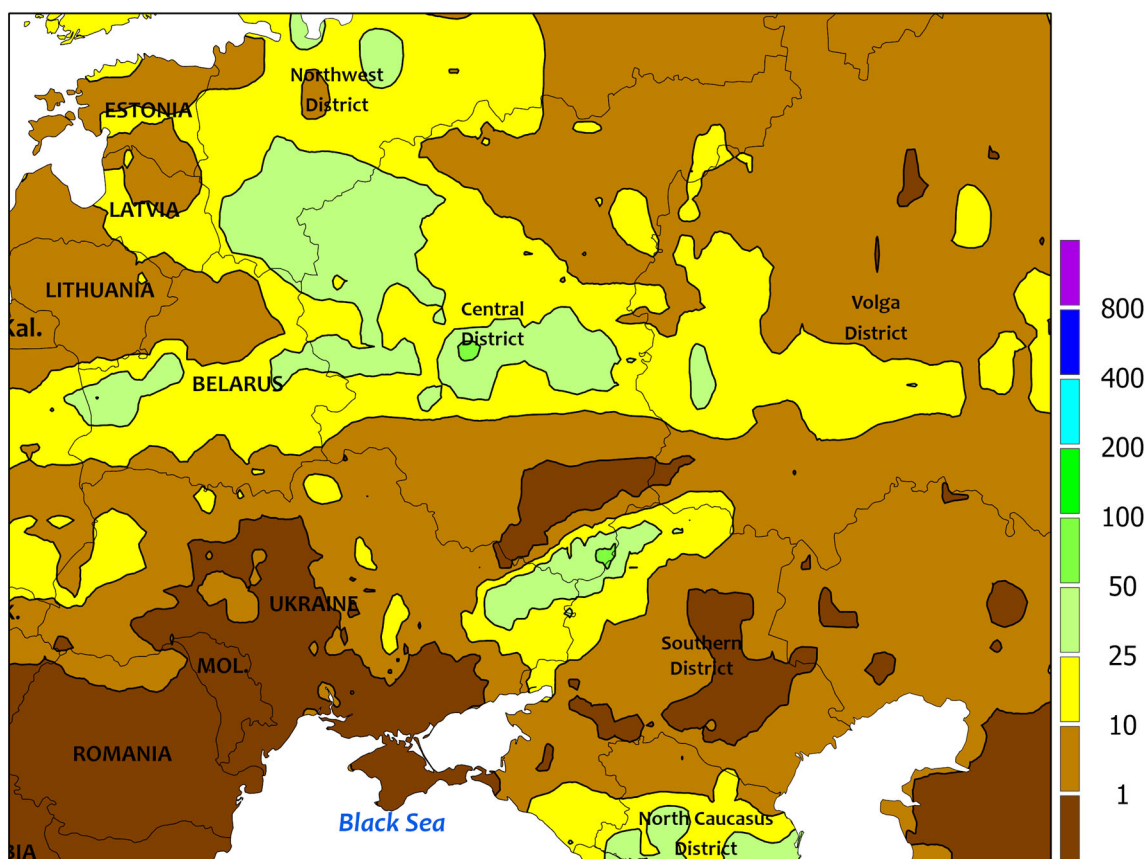
Rainy weather across much of northern and western Europe contrasted with dry conditions in southeastern growing areas. In Spain, moderate to heavy rain (25-100 mm, locally more) eased drought and improved soil moisture for winter grain establishment, especially in northern growing areas (Castilla y León). Widespread showers (10-50 mm, locally more) from southeastern England and northern France into northern Poland benefited emerging to vegetative winter barley, wheat, and rapeseed. Showers rapidly diminished to the south, however, with totals generally between 2 and 15 mm from southern

Poland into western Hungary. Completely dry weather from Italy into Greece and the Balkans promoted fieldwork and winter crop establishment, though long-term drought remained firmly entrenched over northern Italy's Po River Valley. However, rain in the mountains and foothills of northern Italy improved summer crop irrigation reserves. Unusually warm conditions (3-8°C above normal) over western and central portions of the continent gave way to lesser anomalies in northeastern Europe (1-3°C above normal) and the Danube River Valley (within 1°C of normal).

WESTERN FSU

Total Precipitation(mm)

October 16 - 22, 2022



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Computer generated contours
Based on preliminary data



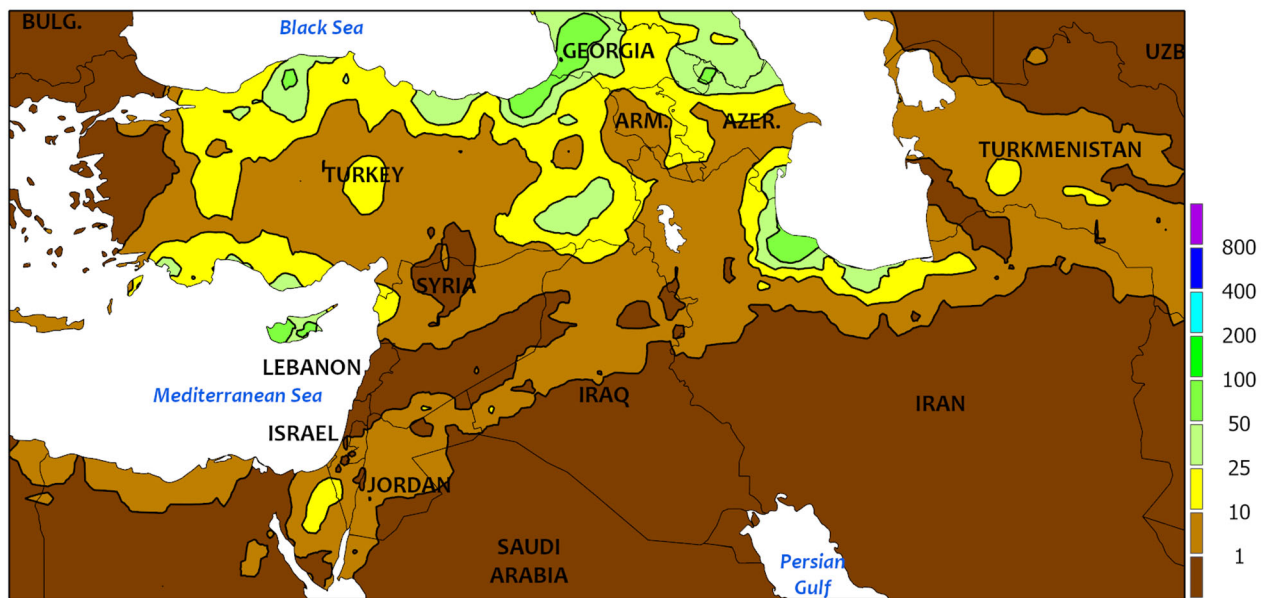
WESTERN FSU

Dry weather for the first half of the period favored summer crop harvesting in Ukraine, while variable showers lingered over Russia. Early in the week, sunny skies in Ukraine facilitated summer crop harvesting, which had been severely delayed by unrelenting wet weather in September. However, some rain returned later in the period as detected by satellite imagery, especially over northern and eastern portions of the country (Note: rainfall data for Ukraine is missing for much of the period). Conversely, highly variable showers persisted over western and southern Russia (2-60 mm), boosting

moisture supplies locally for winter wheat. However, some Russian winter wheat areas in the southern Central District were completely dry. Temperatures during the week averaged near to slightly below normal, easing winter grains and oilseeds toward dormancy in the climatologically colder northern growing areas.

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

MIDDLE EAST
Total Precipitation(mm)
October 16 - 22, 2022



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Computer generated contours
Based on preliminary data



MIDDLE EAST

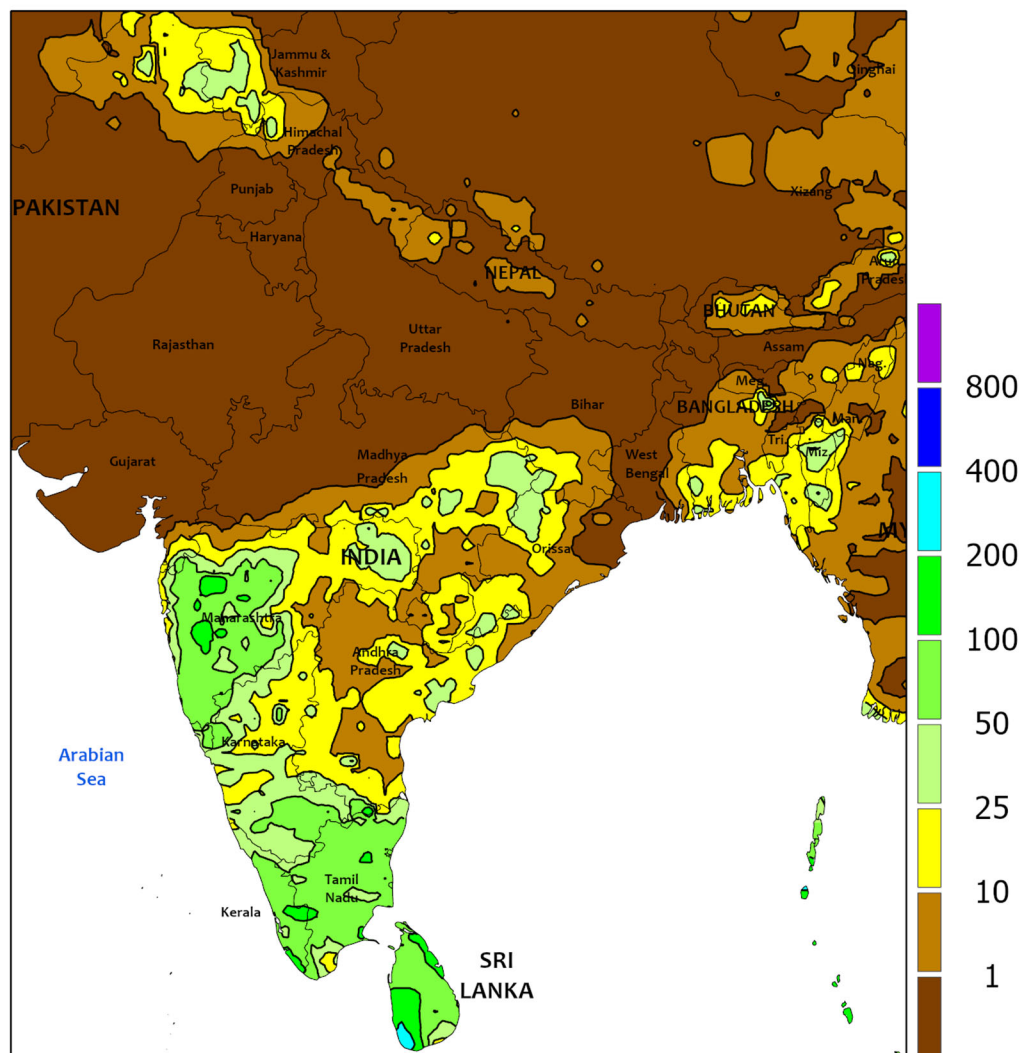
Pockets of moderate to heavy rain in Turkey and immediate environs juxtaposed with seasonably dry weather elsewhere. In Turkey, a swath of 10 to 40 mm of rainfall extending from the Mediterranean Sea to the Black Sea Coast moistened soils on the Anatolian Plateau for winter grain emergence, though east-central portions of the plateau were drier (5 mm or less). Farther east, up to 50 mm of rain in the eastern GAP Region boosted summer crop irrigation reserves as well as soil moisture for winter wheat and barley. Lighter albeit still beneficial showers spilled into winter grain areas of coastal Syria (up to 30 mm),

northern Iraq (2-25 mm), as well as northwestern and northeastern Iran (2-10 mm). Unusual showers dotted the southeastern Mediterranean Coast (up to 12 mm), but the rain fell outside of this region's sparse growing areas save for the irrigated croplands of Egypt's Nile River Delta. Otherwise, seasonably sunny skies across the rest of the Middle East encouraged early winter crop sowing activities. Temperatures averaged 2 to 5°C above normal over central and eastern portions of the region, while chillier conditions (up to 2°C below normal) were noted in the western Anatolian Plateau of Turkey.

SOUTH ASIA

Total Precipitation(mm)

October 16 - 22, 2022



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Computer generated contours
Based on preliminary data



SOUTH ASIA

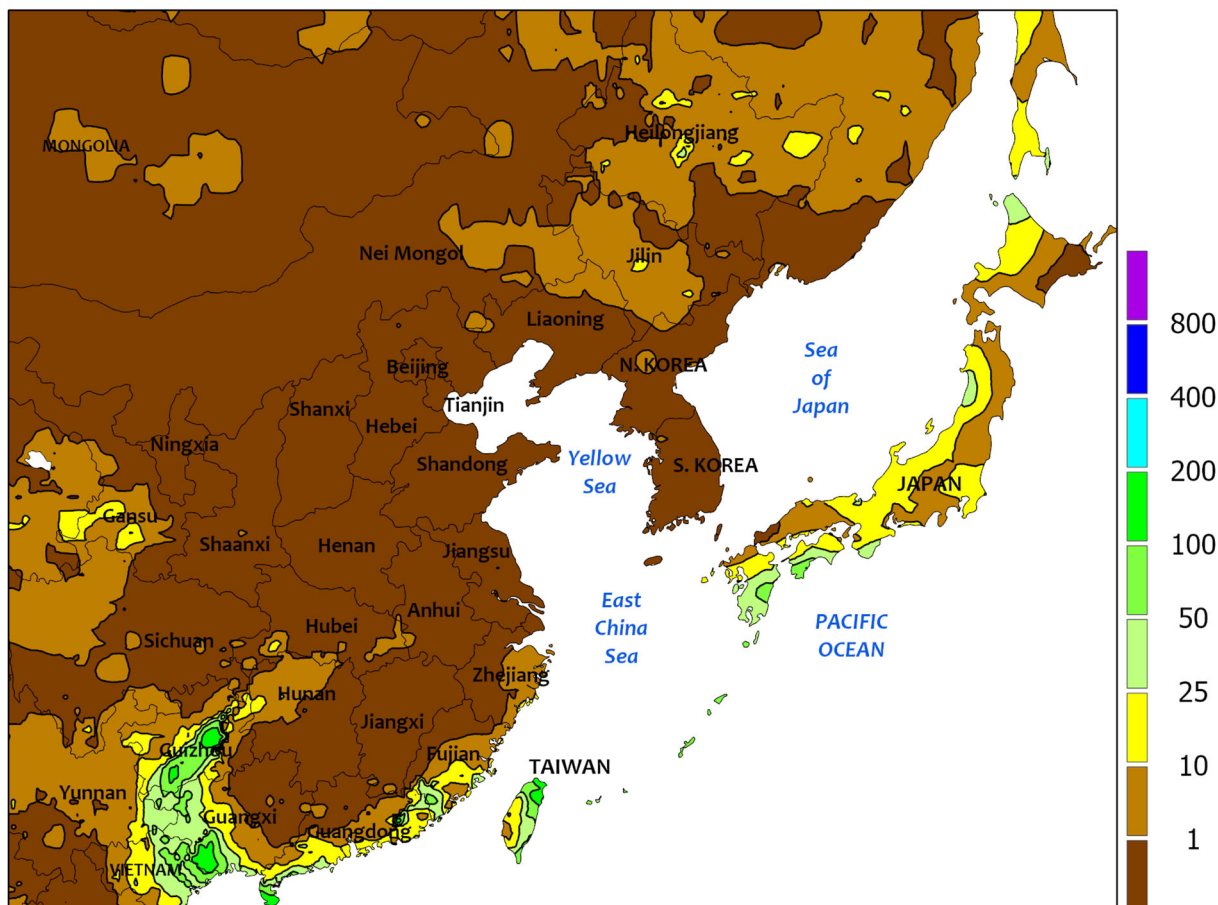
The withdrawal of the southwest monsoon accelerated after lingering longer than usual in northern India. By the end of the period, drier weather had moved into the northern half of India, easing late-season wetness for maturation and harvesting of kharif crops while also benefiting early rabi sowing.

Meanwhile, showers continued in the southern half of India, with 10 to 25 mm in eastern and interior sections and 25 to 100 mm (or more) in western and southern areas. The moisture benefited immature kharif crops and boosted irrigation reserves for rabi crops soon to be sown.

EASTERN ASIA

Total Precipitation(mm)

October 16 - 22, 2022



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Computer generated contours
Based on preliminary data

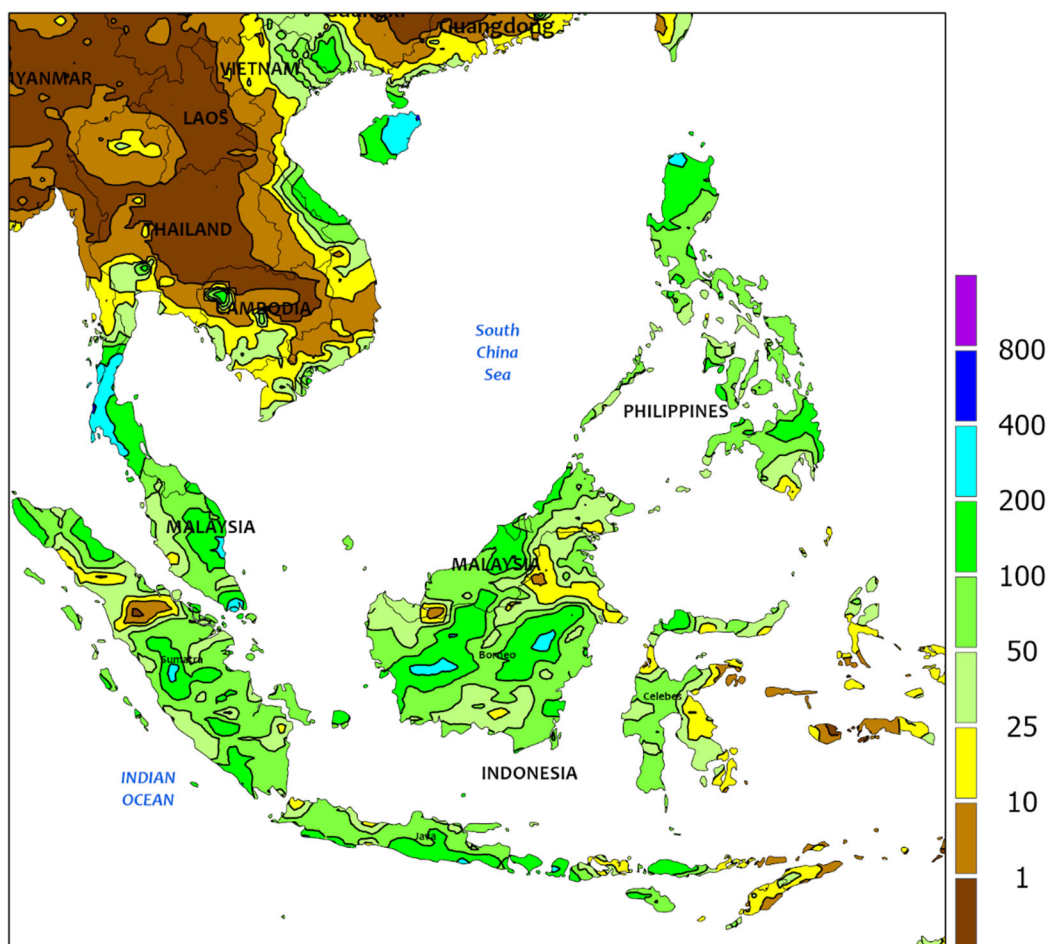


EASTERN ASIA

Seasonably drier weather prevailed throughout eastern and southern China, and along with some unseasonable warmth facilitated summer crop harvesting as well as winter wheat and rapeseed sowing. However, moisture conditions were somewhat tenuous for emerging winter crops in southern

areas following poor rainfall in the last half of the summer and early autumn (65 percent of normal). On the North China Plain, downpours earlier in the month benefited wheat establishment, but little rain has occurred since to further bolster moisture supplies.

SOUTHEAST ASIA
Total Precipitation(mm)
October 16 - 22, 2022



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

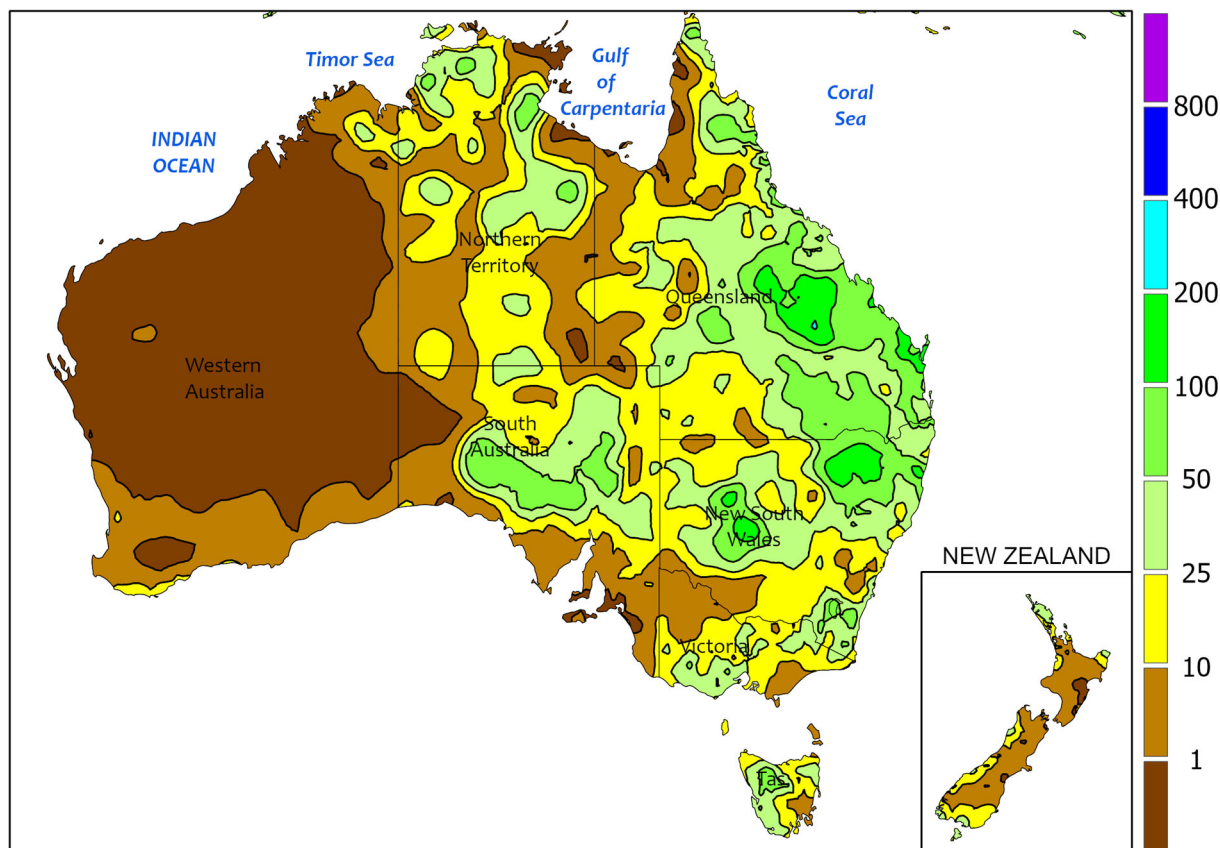


SOUTHEAST ASIA

Typhoon Nesat moved across the northern Philippines with maximum sustained winds of 75 kts and downpours (over 100 mm) in the northern-most growing areas (northern Luzon). The conditions were adverse to seasonal fieldwork but largely localized. Nesat strengthened while over the South China Sea (maximum sustained winds of 90 kts) but weakened before making final landfall in central Vietnam. Nevertheless, the storm brought more heavy, albeit localized,

showers (over 150 mm) to a relatively minor agricultural area. In contrast, much of the Indochina environs (including Thailand) recorded seasonably dry weather, supporting maturation and early harvesting of summer rice. Elsewhere, wet weather (25-100 mm or more) in Malaysia and neighboring portions of Indonesia slowed oil palm harvesting, while similar rainfall amounts in southern Indonesia (Java) supported main-season rice establishment.

AUSTRALIA
Total Precipitation(mm)
October 16 - 22, 2022



Gridded data from the Australian Bureau of Meteorology: www.bom.gov.au/
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Computer generated contours
Based on preliminary data

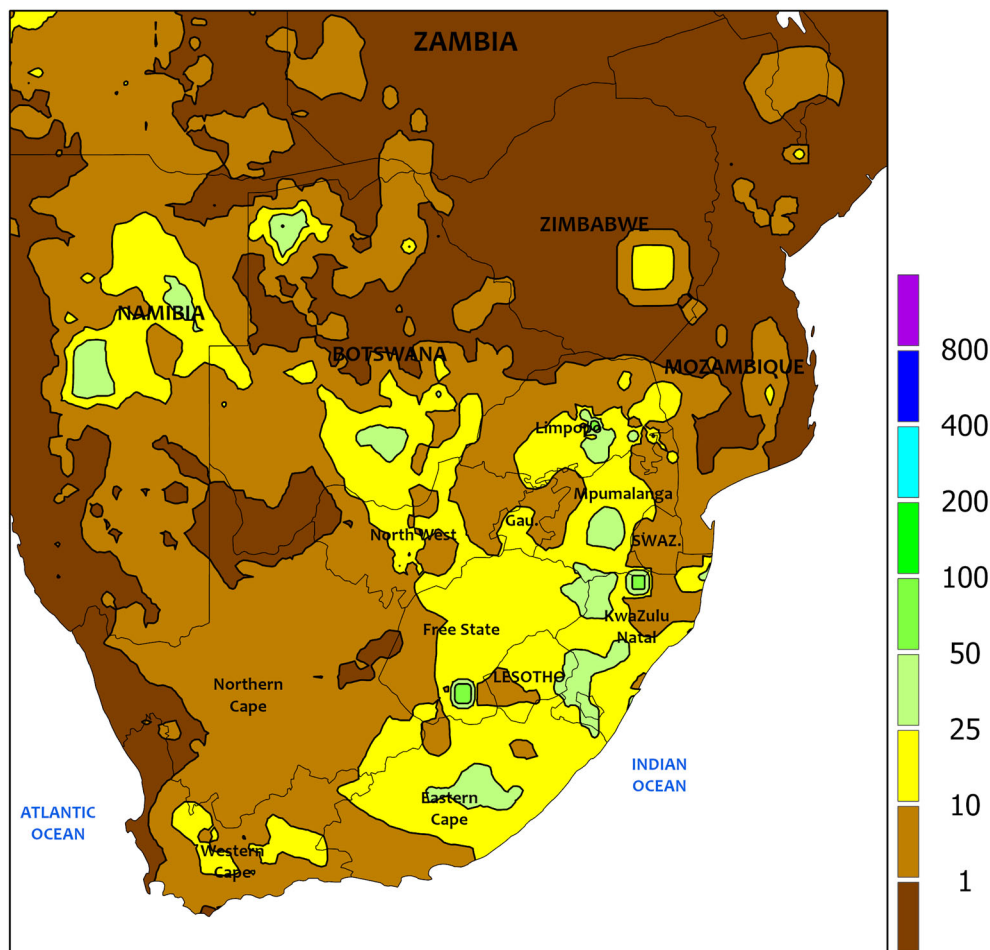


AUSTRALIA

Heavy rain continued to plague portions of eastern Australia, exacerbating local flooding and increasing concerns about winter crop quality. The heaviest rain fell across northern New South Wales and southern Queensland, where amounts of 50 to 100 mm or more were common. The wet weather continued to hamper or delay most fieldwork, including early winter crop harvesting and summer crop planting. Farther south, somewhat less rain fell (10-25 mm, locally more) across southern New South Wales and southern Victoria, maintaining abundant soil moisture for immature winter grains and

oilseeds. Elsewhere in the wheat belt, mostly dry weather (less than 10 mm) covered northern Victoria, South Australia, and Western Australia. The relative dryness benefited wheat, barley, and canola. Warm, mostly sunny weather spurred development of filling winter grains and oilseeds and promoted drydown and harvesting of the earliest maturing crops, sustaining good to excellent winter crop prospects. Temperatures averaged near normal in southern and western portions of the wheat belt and about 2°C below normal in northern New South Wales and southern Queensland.

SOUTH AFRICA
Total Precipitation(mm)
October 16 - 22, 2022



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

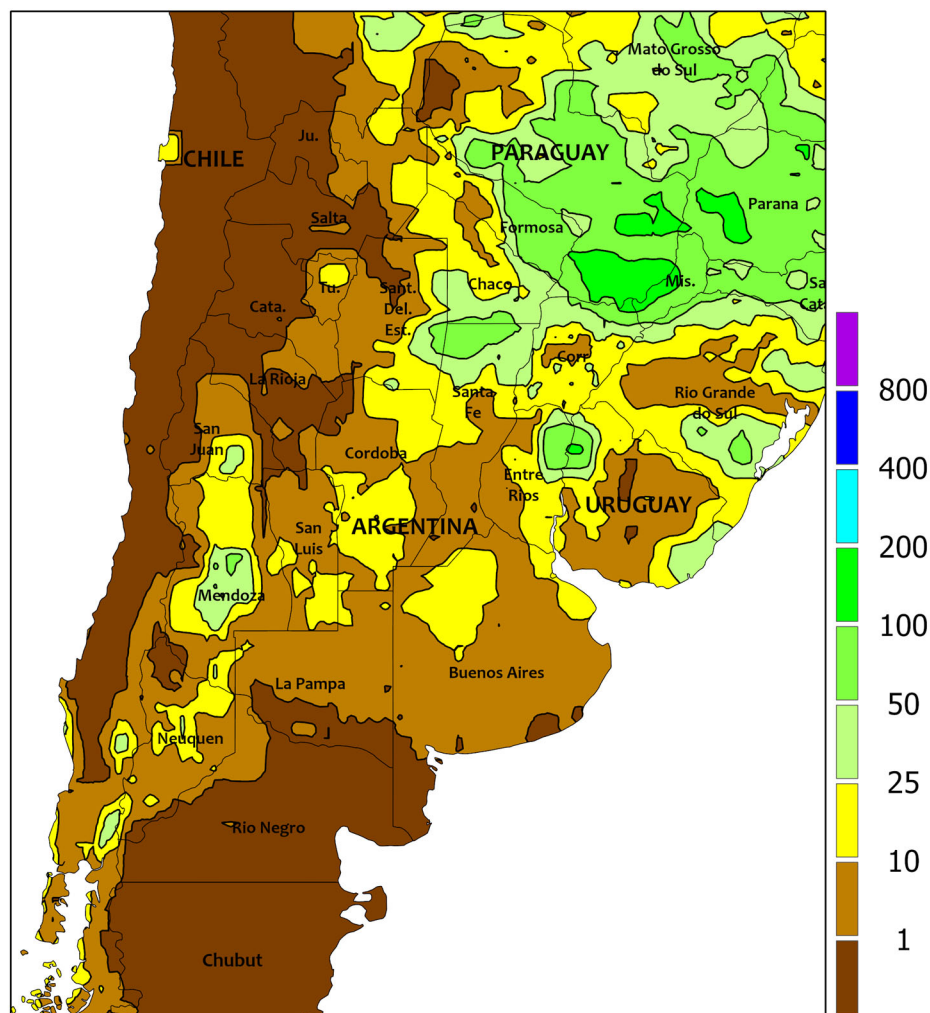


SOUTH AFRICA

Showers provided timely moisture for germination of corn and other rain-fed crops in major commercial farming areas. Rainfall totaled 10 to 50 mm over a broad area extending from Eastern Cape and KwaZulu-Natal northward to Limpopo. Included in this region was Mpumalanga, where corn planting is typically underway in October. Similar amounts were recorded in coastal sugarcane areas of KwaZulu-Natal, aiding early crop growth. Lighter rain (15 mm or less) in other parts of the corn belt helped to condition fields for activities related

to planting, although sowing in many locations typically occurs in November and December. Mostly dry conditions prevailed elsewhere in the country. Weekly temperatures averaged 1 to 2°C above normal in eastern production areas and as much as 4°C above normal in the drier western interior locations. In Western Cape, warm (daytime highs reaching the lower 30s degrees C), mostly dry weather spurred rapid development of wheat while fostering early fruit development in tree and vine crops.

ARGENTINA
Total Precipitation(mm)
October 16 - 22, 2022



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



ARGENTINA

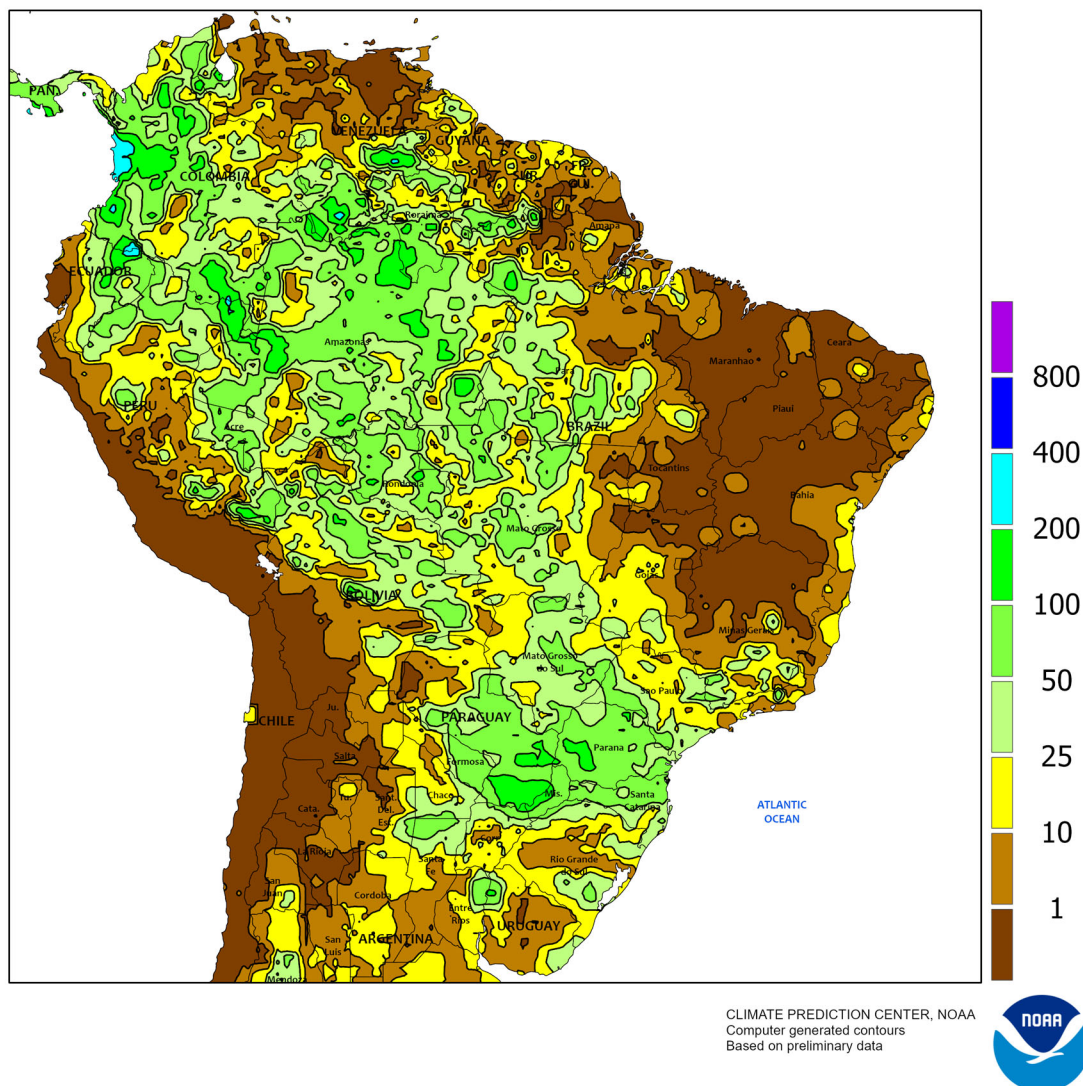
Showers provided limited drought relief to many key farming areas, but more rain was needed to significantly improve prospects of both winter and summer crops. Rainfall totaled 1 to 24 mm over much of central and northwestern Argentina (Buenos Aires and La Pampa northward to Salta), with higher amounts (25-100 mm) in sections of the northeast. Weekly temperatures averaged near to below normal in the aforementioned areas but frost (nighttime temperatures as low as

-1°C) was mostly confined to traditionally cooler locations in southern Buenos Aires. Highest daytime temperatures ranged from the middle and upper 20s (degrees C) in Buenos Aires to the middle and upper 30s in the far north. According to the government of Argentina, sunflowers and corn were 27 and 17 percent planted, respectively, as of October 20. Corn was just 7 percent planted in Buenos Aires, compared with 36 percent last year, with delays attributed to the lingering impacts of drought.

BRAZIL

Total Precipitation(mm)

October 16 - 22, 2022

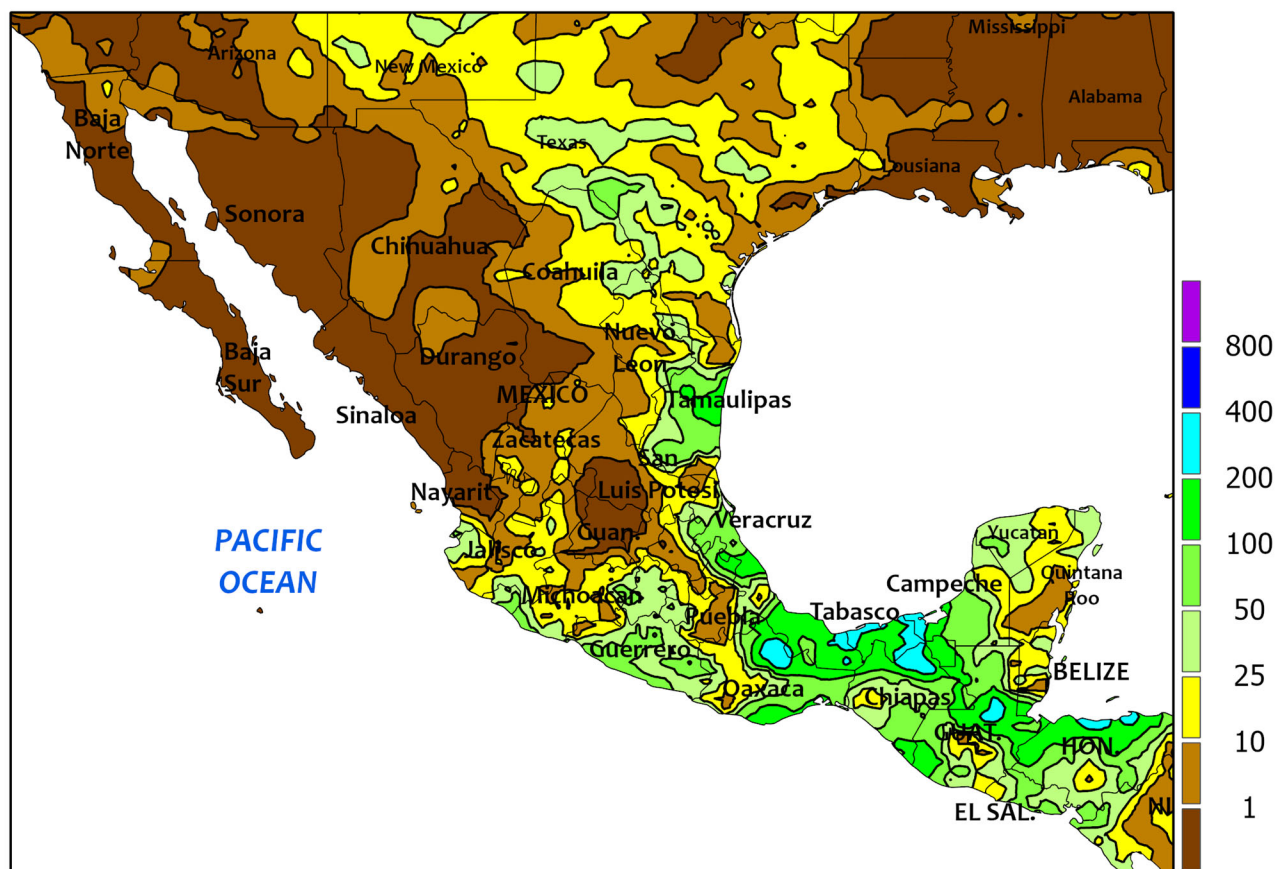


BRAZIL

Showers maintained overall favorable prospects for soybeans and other main-season summer crops. Rainfall totaled 10 to 50 mm – locally higher – from Rio Grande do Sul northward through Mato Grosso, extending eastward into Goiás, São Paulo, and Minas Gerais. According to the government of Mato Grosso, soybeans were 67 percent planted as of October 21, compared with 69 percent last year and the 5-year average of 42 percent. Seasonal fieldwork was also making good progress farther south; according to the government of Paraná, first-crop corn and

soybeans were 78 and 33 percent planted, respectively, as of October 17; in addition, wheat was 54 percent harvested. In contrast, dryness persisted over the northeast, including key soybean and main-season corn production areas from northern Minas Gerais northward through western Bahia. Hot weather (daytime highs reaching the upper 30s degrees C) maintained high evaporative losses in central and northeastern farming areas, necessitating the continuation and eastern expansion of seasonal rainfall to ensure timely planting and uniform germination of soybeans.

MEXICO
Total Precipitation(mm)
October 16 - 22, 2022



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



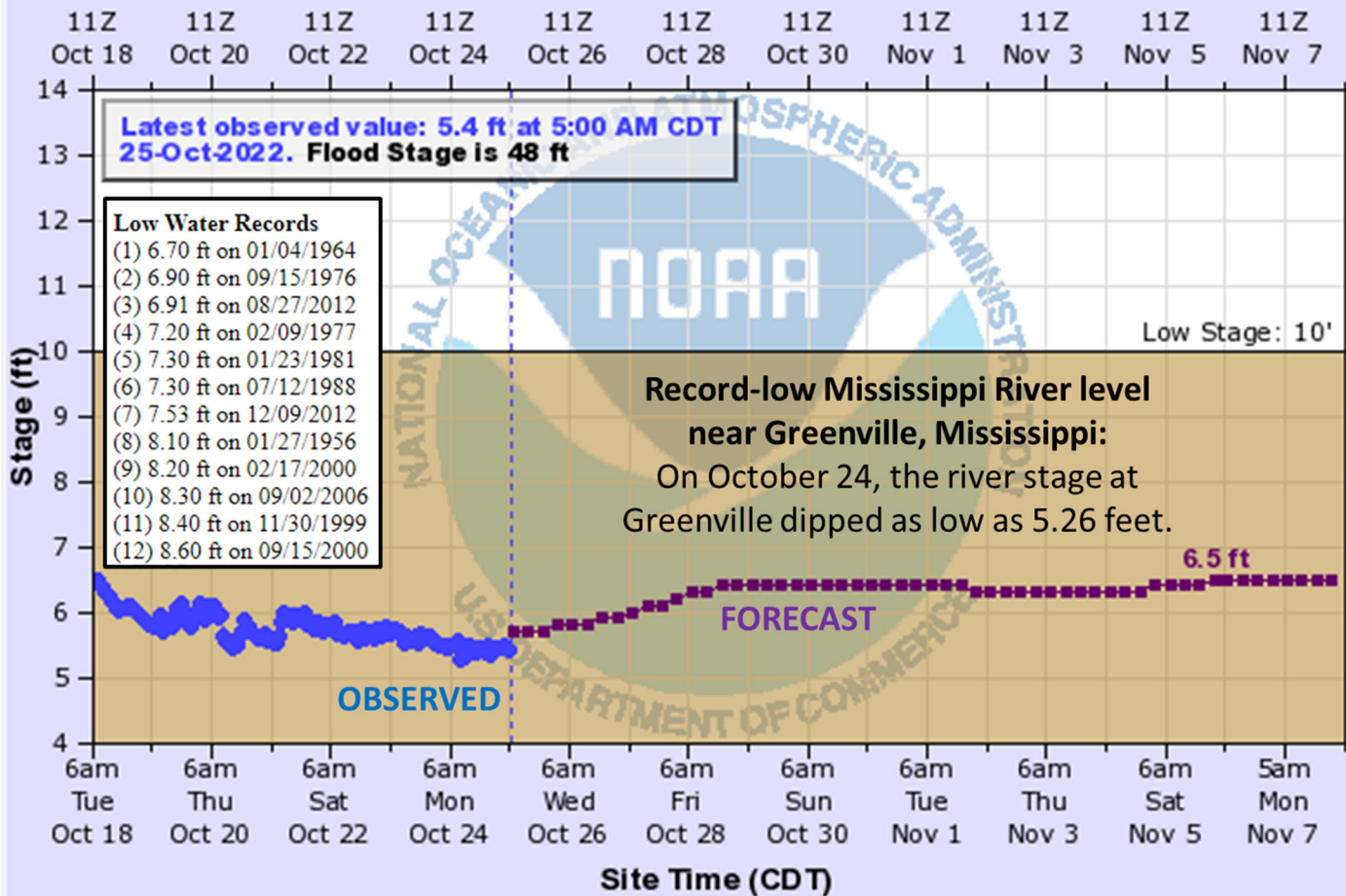
MEXICO

Seasonably drier conditions dominated the northwest, but showers lingered in other agricultural areas. The general pattern of seasonal dryness extended from Sonora and Chihuahua southeastward into Guanajuato, with lingering showers over much of the remainder of the southern plateau (Jalisco to Puebla). Heavier rain (25-100 mm, locally higher) fell along the southern Pacific Coast (Guerrero to Chiapas) and from the Rio Grande Valley (Coahuila and

Tamaulipas) southward through Veracruz. Very heavy rain (locally greater than 200 mm) was concentrated over Tabasco, sustaining high irrigation reserves as winter farming approaches. At week's end, Hurricane Roslyn was approaching the southwest coast; the storm made landfall over the weekend with maximum sustained winds of approximately 105 knots (*additional information will appear in next week's bulletin*).

MISSISSIPPI RIVER NEAR GREENVILLE

Universal Time (UTC)



GEEM6(plotting HGIRG) "Gage 0" Datum: 74.92'

Observations courtesy of U.S. Army Corps of Engineers

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