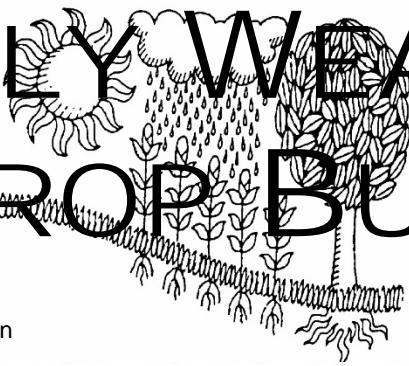
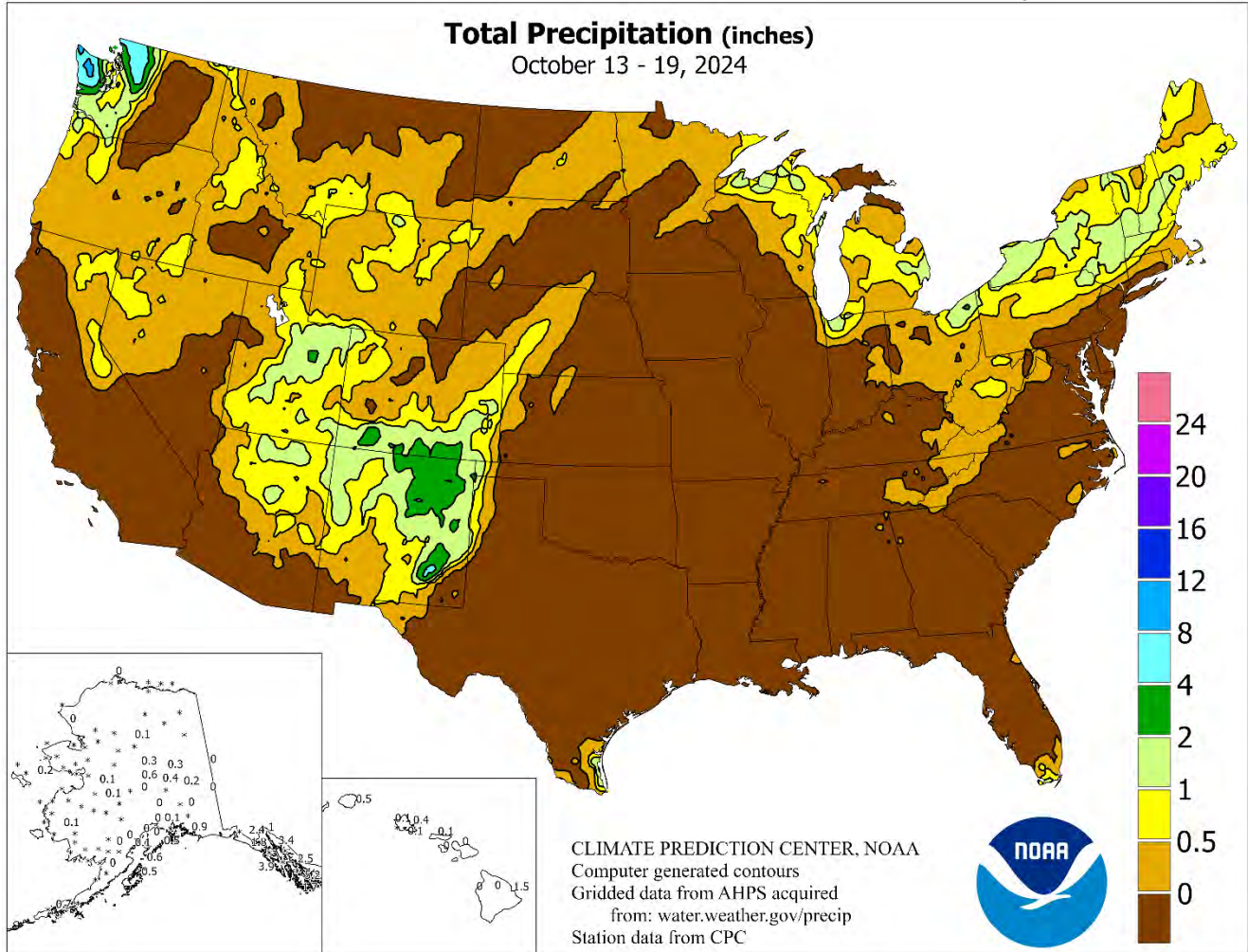


WEEKLY WEATHER AND CROP BULLETIN



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 13 – 19, 2024

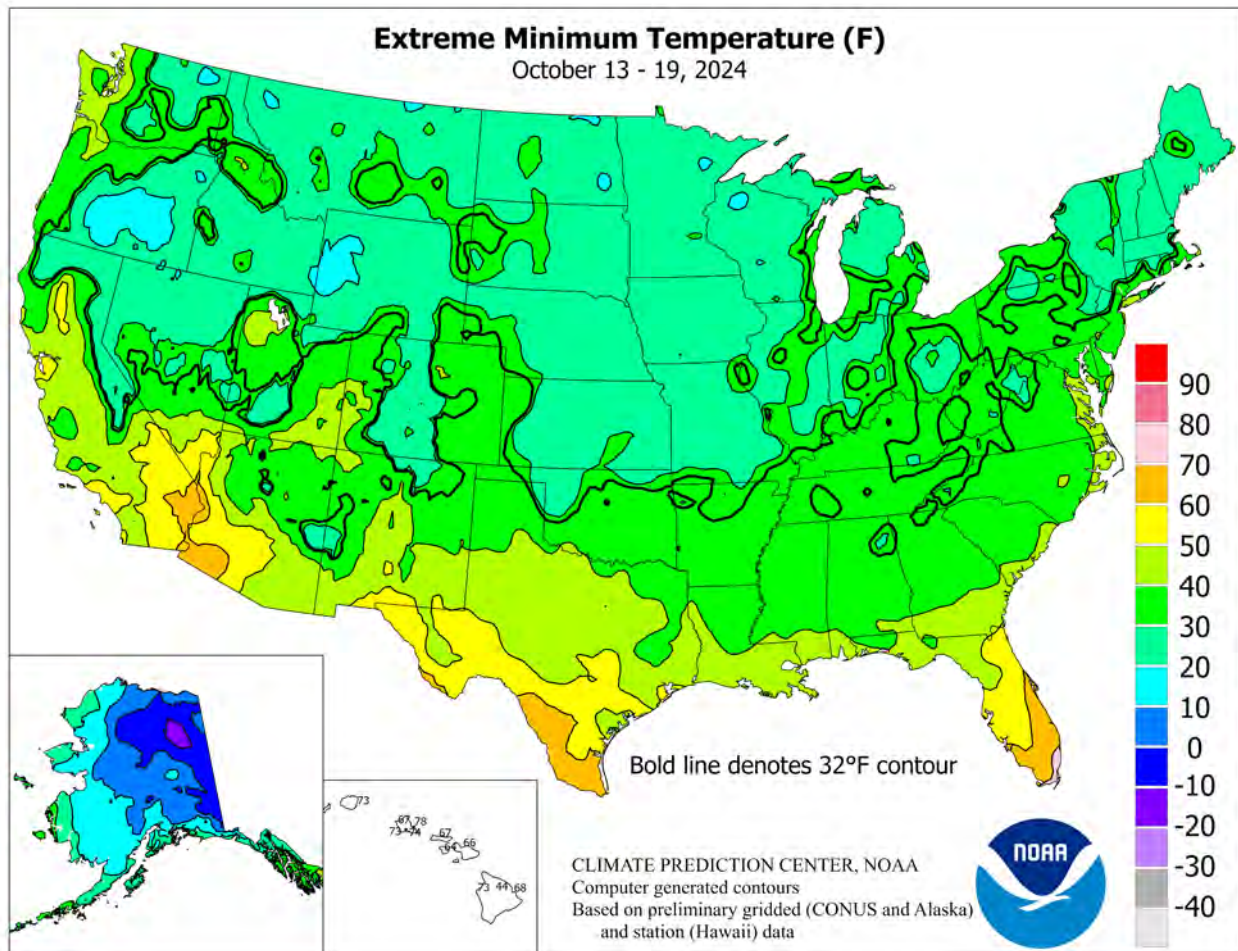
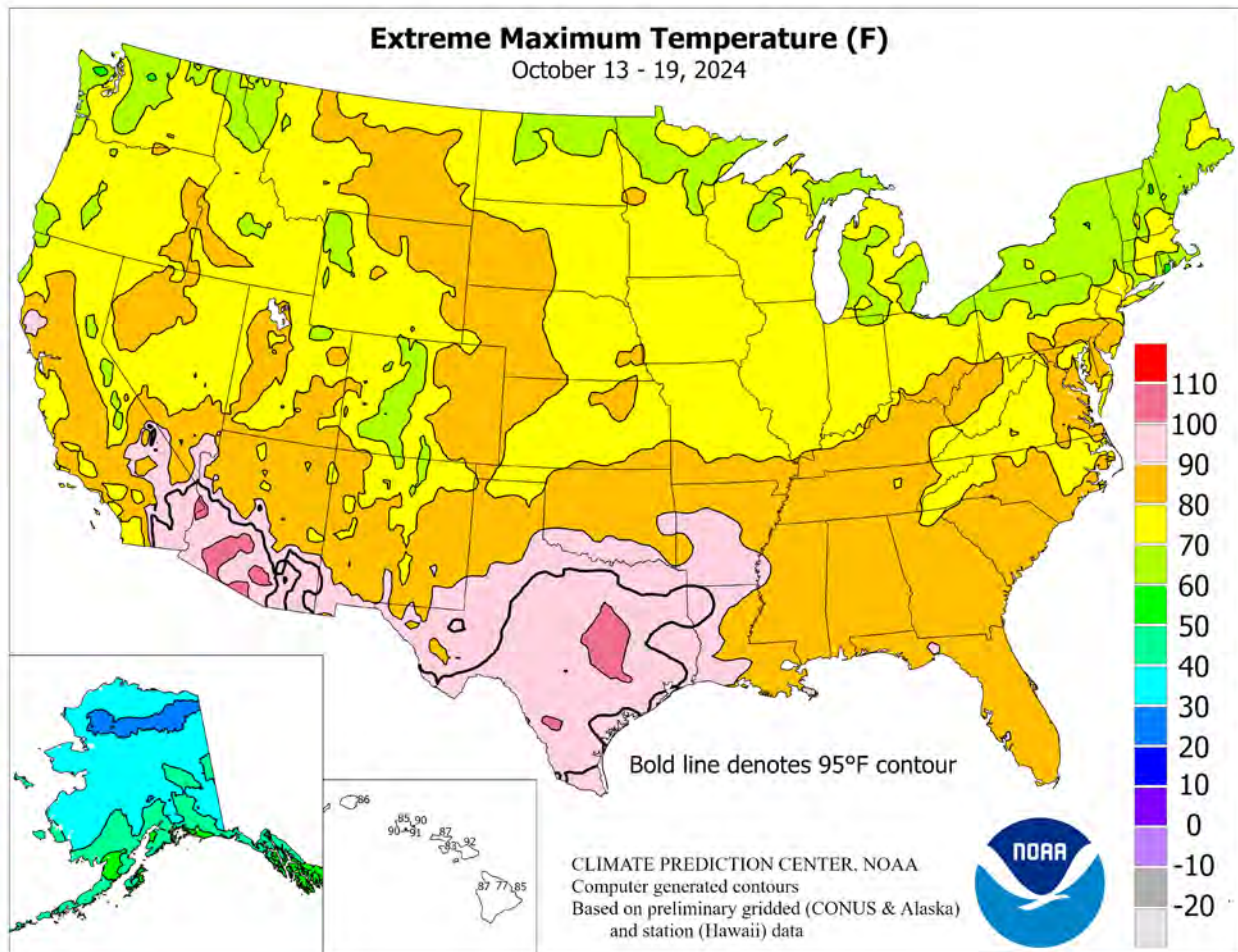
Highlights provided by USDA/WAOB

Another week of mostly dry weather across the **Plains**, **Midwest**, and **South** promoted a torrid fieldwork pace, with 81 percent of the U.S. soybeans and 65 percent of the corn harvested by October 20. However, ongoing dryness also resulted in reduced moisture availability for emerging winter wheat and cover crops, as well as declining rangeland and pasture conditions. Across the **eastern half of the country**, spotty showers were confined to **Deep South Texas**, the **southern tip of Florida**, and an area stretching from the **Great Lakes region into the**

(Continued on page 3)

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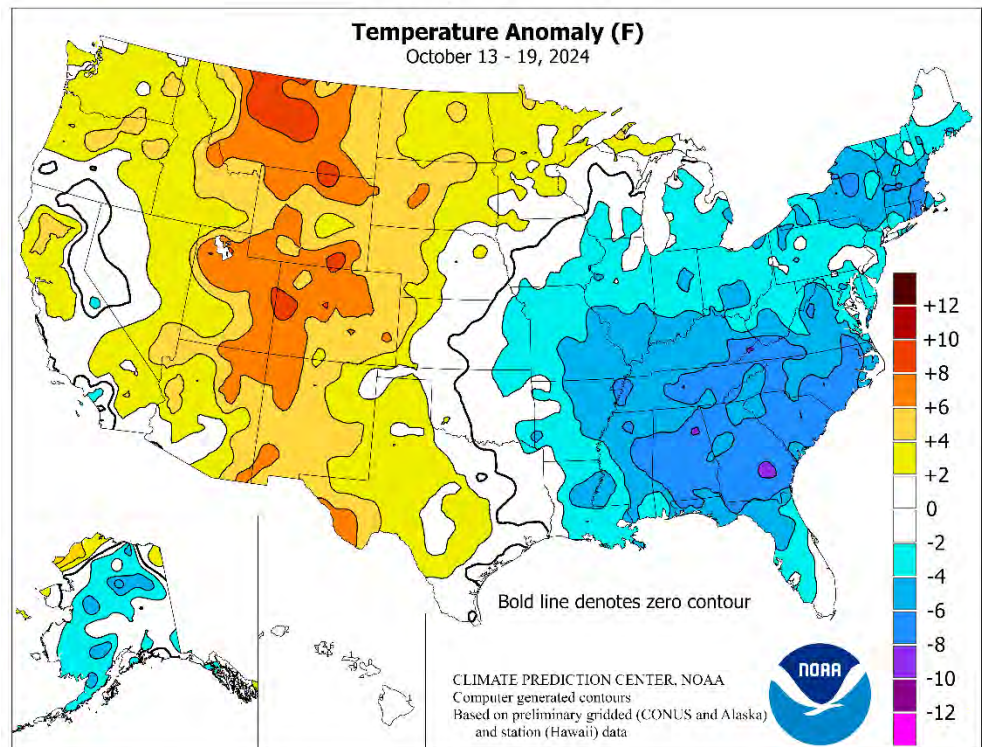


(Continued from front cover)

Northeast. Late in the week, a pattern change delivered cooler, wetter weather across the **West**, with locally heavy precipitation sparking flash flooding in parts of **eastern New Mexico** and environs. Significant precipitation also fell in **western Washington**, while other areas—excluding much of **California** and the **Desert Southwest**—received scattered rain and snow showers. Despite the cooler conditions at week's end, temperatures averaged at least 5°F above normal across large sections of the **northern Plains, Rockies, and Intermountain West**. Readings averaged as much as 10°F above normal in parts of the **northern and central Rockies** and adjacent **High Plains**. Meanwhile, a fleeting cool spell ended the growing season across the **northern and central Plains** and large sections of the **Midwest**. Temperatures averaged at least 5 to 10°F below normal in much of the **Southeast**, as well as portions of the **Ohio Valley and Northeast**. In the **South**, scattered frost and light freezes were reported on multiple days as far south as **Arkansas** and **northern sections of Mississippi, Alabama, and Georgia**.

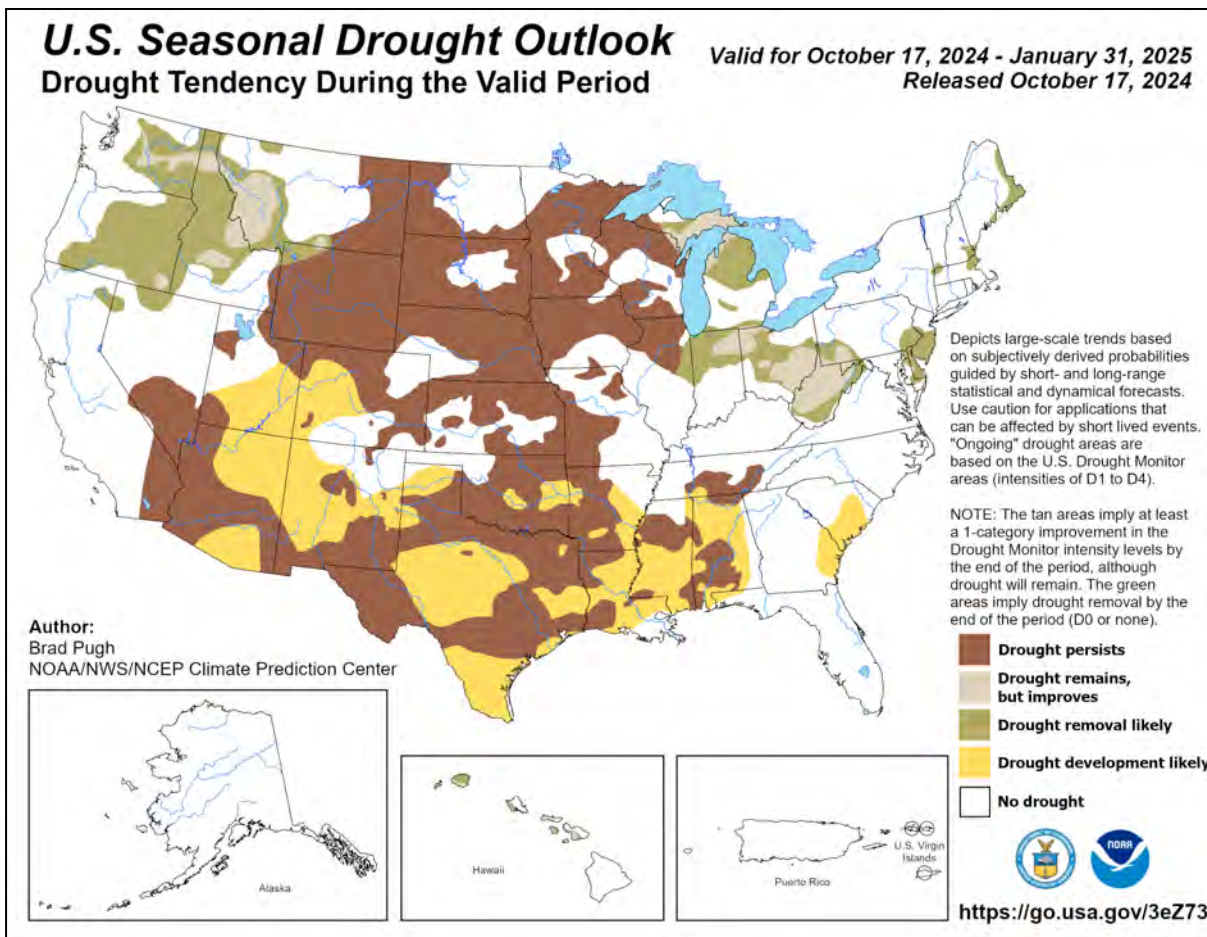
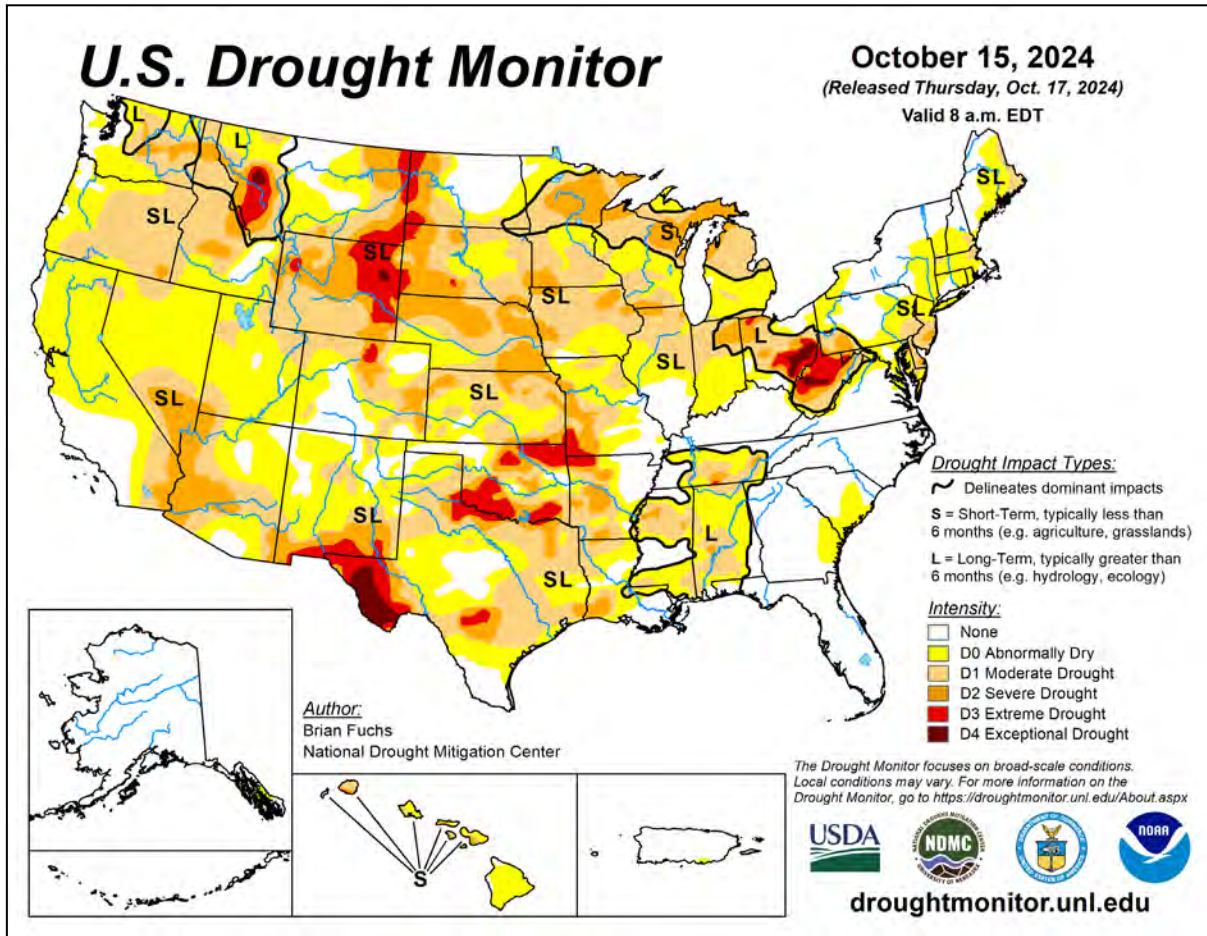
The first notable cold wave of the season resulted in several daily-record lows, starting on October 16. On that date, lows—all records for the date—dipped to 24°F in **Hill City and Salina, KS**; 24°F in **Dubuque, IA**; 27°F in **Springfield, IL**; and 28°F in **Vichy-Rolla, MO**. Elsewhere in **Missouri, Cape Girardeau** collected consecutive daily-record lows (30 and 28°F, respectively) on October 16-17. With a minimum temperature of 24°F on October 17, **Lincoln, IL**, noted its lowest reading since March 28. Chilly weather briefly extended to the **southern Plains and Southeast**; record-setting lows for October 17 included 33°F in **Oklahoma City, OK**, and 35°F in **Alexandria, LA**, and **Macon, GA**. In advance of the cool spell, summer-like heat had prevailed across the **nation's southern tier**. In **Arizona**, triple-digit heat occurred on each of the first 13 days of October in **Tucson** and 14 days in **Phoenix**. **Tucson** had never recorded more than 8 October days (in 2020) with high temperatures reaching 100°F or higher. Meanwhile in **Texas, Austin (Camp Mabry)** set a monthly record with a high of 101°F on October 13 (previously, 100°F on October 2, 1923, and October 2, 1938). On the 14th, **Houston, TX**, tied a monthly record originally set with a high of 99°F on October 1, 1900. With maxima of 104 and 100°F, respectively, on October 13 and 15, **Waco, TX**, set multiple records, including highest October reading and most days of triple-digit heat during October. **Waco** had never experienced more than a single day of triple-digit October heat, and the monthly standard had been 101°F on October 3, 1979, and October 2, 1989. Prior to this year, **Waco's** latest date with a high of 100°F or greater had been October 12, 2022. During the second half of the week, warmth on the **northern Plains** replaced previously cool conditions. In **South Dakota**, record-breaking highs for October 17 soared to 90°F in **Pierre** and 85°F in **Mobridge**.

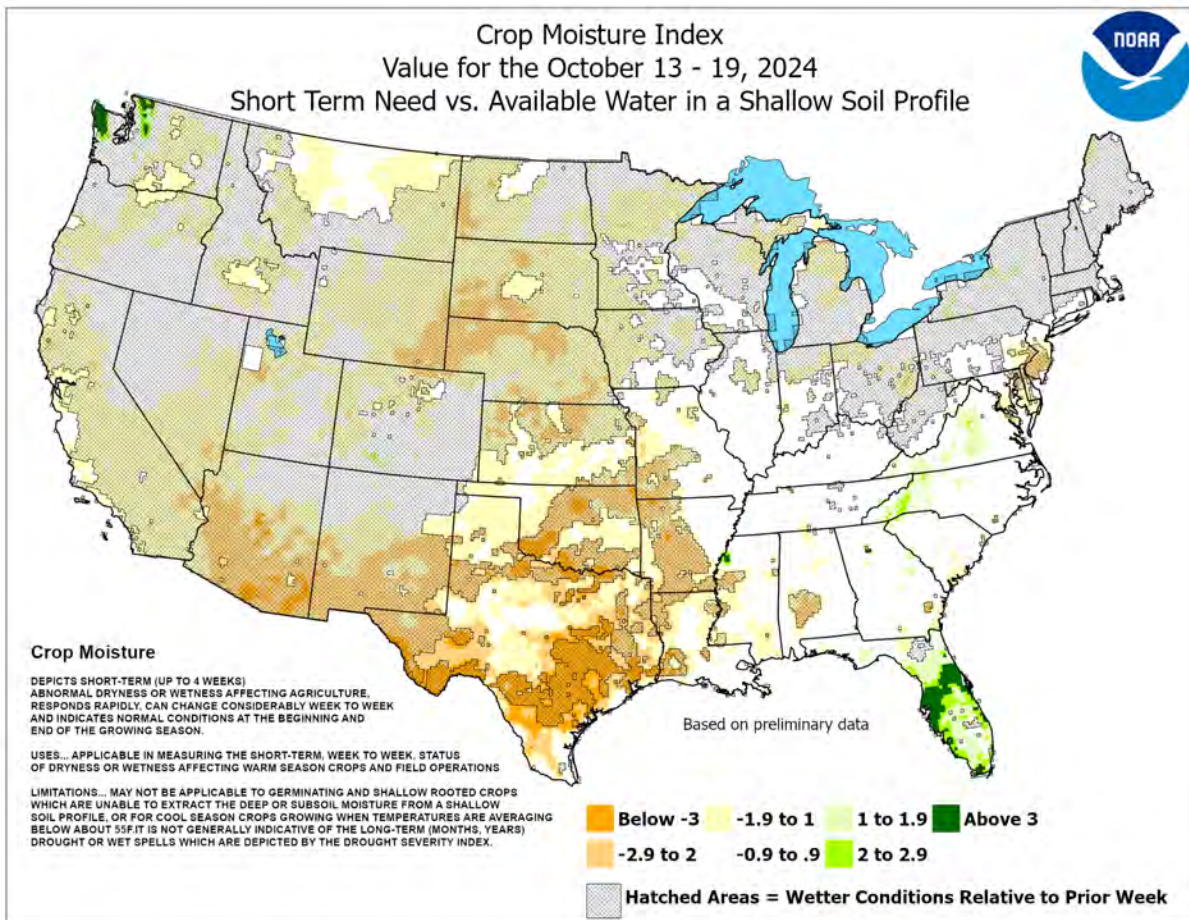
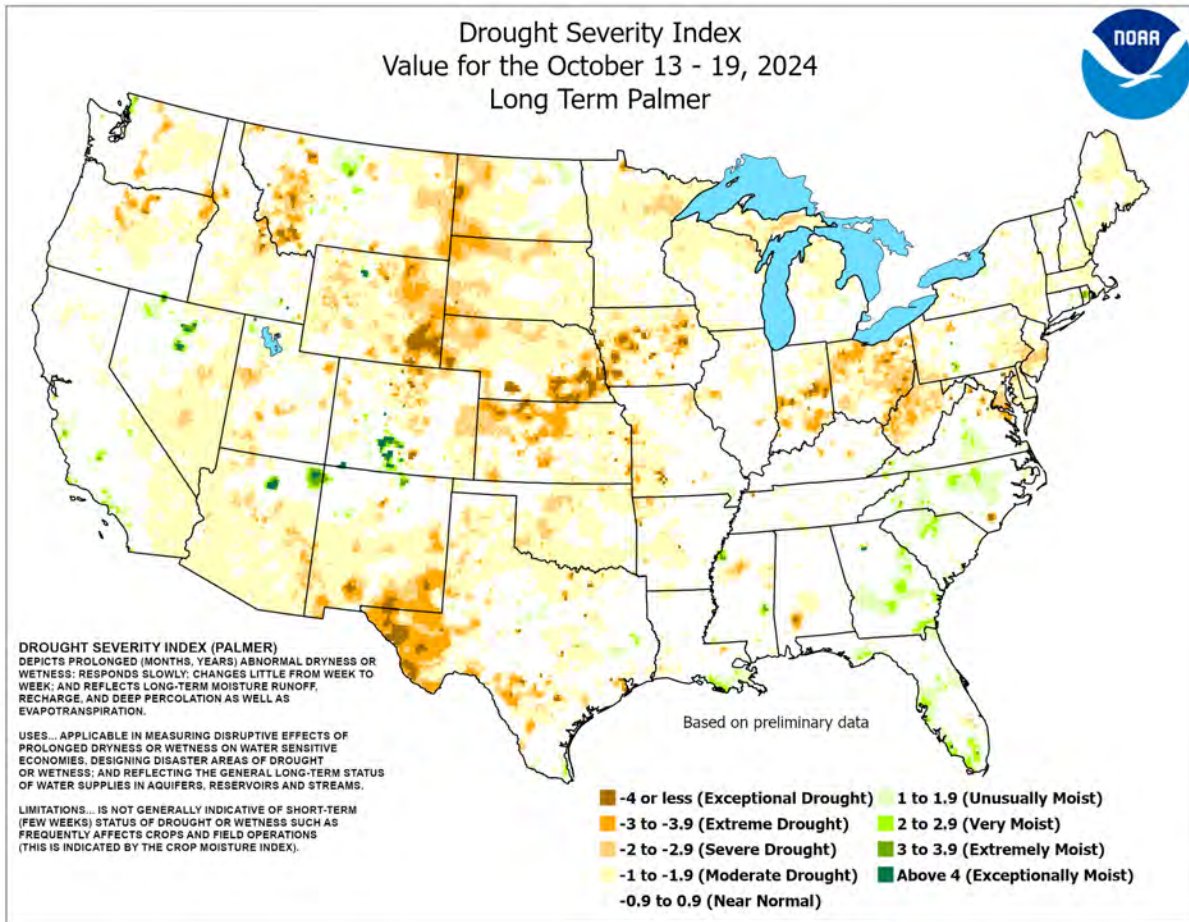
As chilly air arrived in the **central and eastern U.S.**, snow dusted a few areas from the **Great Lakes States into the Appalachians**. On October 15, **Columbus, OH**, received snowfall totaling 0.1 inch, while **Charleston, WV**, noted a trace. During the second half of the week, beneficial precipitation fell in parts of the **West**, where record-setting totals for October 17 included 0.61 inch in **Bozeman, MT**; 0.37 inch in **Pocatello, ID**; and 0.30 inch in **Winnemucca, NV**. During a 24-hour period on October 17-18, precipitation totaled more than an inch in **Utah** locations such as **Duchesne** (1.46 inches), **Fillmore** (1.45 inches), **Spanish Fork** (1.36 inches), **Tooele** (1.17 inches), and **Oak City** (1.14 inches), with **Oak City** also reporting 3.2 inches of snow. However, too much rain fell in some areas, including **Roswell, NM**, where October 19 became that city's wettest day on record. **Roswell's** 5.78-inch daily sum surpassed the station



record of 5.65 inches, set on November 1, 1901. Flash flooding in the **Roswell** area resulted in at least two fatalities and dozens of injuries. Subsequently, the **Pecos River above Lake Arthur, NM**, attained its fourth-highest crest on record on the 20th, just 1.56 feet below the September 1941 high-water mark. Elsewhere, daily-record amounts for October 19 reached 1.73 inches in **Clayton, NM**, and 1.08 inches in **Alamosa, CO**. Heavy precipitation overspreading **western Washington** produced daily-record totals for the 19th in **Quillayute** (4.68 inches) and **Bellingham** (1.97 inches). Farther east, however, long streaks without measurable rain continued through week's end. In **San Antonio, TX**, measurable rain last fell on September 5—a 44-day dry spell through October 19. Similarly, **Wichita Falls, TX**, last received measurable rain on September 4. The streak with no measurable precipitation in **Pierre, SD**, reached 25 days (September 25 – October 19). Several **Midwestern** locations reported less than one-tenth of an inch of rain during the first 19 days of October, following a record-dry September featuring less than one-tenth of an inch. On that list were **Nebraska** communities such as **Norfolk** (0.03 inch in September and no rain from October 1-19) and **Omaha** (0.09 inch in September and a trace of rain from October 1-19). Joining that list were **Mobridge, SD** (0.01 inch in September and 0.02 inch from October 1-19), and **Minneapolis-St. Paul, MN** (0.06 inch in September and a trace from October 1-19).

With near- or below-normal temperatures dominating **mainland Alaska**, snow frequently fell. In **Fairbanks**, at least a trace of snow fell each day from October 14-20, totaling 7.6 inches. Farther south, however, no measurable precipitation fell during the week ending October 19 in locations such as **Anchorage** and **King Salmon**. Conversely, much of **southeastern Alaska** remained wet, with **Ketchikan's** October 1-19 precipitation climbing to 18.04 inches (167 percent of normal). **Juneau** reported its first measurable snow of the season on October 18-19, totaling 1.7 inches. Meanwhile, despite a slight increase in **Hawaiian** precipitation, month-to-date rainfall remained significantly below normal. At the state's major airport observation sites, October 1-19 rainfall ranged from 0.05 inch (12 percent of normal) in **Kahului, Maui**, to 2.10 inches (35 percent) in **Hilo, on the Big Island**. At times, trade winds were quite impressive, with **Kahului** clocking peak gusts to 46 and 48 mph, respectively on October 15 and 16. Additionally, **Hawaii** experienced some very warm days, with daily-record highs for October 18 being tied in **Honolulu, Oahu** (91°F), and **Kahului** (92°F).





National Weather Data for Selected Cities

Weather Data for the Week Ending October 19, 2024

Accessible Data Available from the 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	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP	
																		01 INCH OR MORE	.50 INCH OR MORE		
AK ANCHORAGE	43	30	49	25	37	0	0.00	-0.39	0.00	4.37	100	18.69	137	77	45	0	4	0	0	0	
AK BARROW	27	22	30	10	25	0	0.00	-0.12	0.00	0.00	0	0.02	0	86	71	0	7	0	0	0	
AK FAIRBANKS	29	22	43	11	26	-1	0.29	0.13	0.13	2.82	152	13.90	137	89	74	0	7	4	0	0	
AK JUNEAU	45	37	50	29	41	-1	3.44	1.54	1.16	16.16	111	62.97	123	97	78	0	2	6	2	0	
AK KODIAK	48	36	53	30	42	0	0.46	-1.54	0.24	9.86	76	63.30	107	83	56	0	2	2	0	0	
AK NOME	37	26	40	18	32	1	0.25	-0.19	0.13	3.28	96	23.30	163	89	68	0	5	3	0	0	
AL BIRMINGHAM	73	45	85	38	59	-6	0.00	-0.74	0.00	6.14	102	42.32	91	82	28	0	0	0	0	0	
AL HUNTSVILLE	73	42	88	35	58	-6	0.00	-0.80	0.00	4.91	87	45.63	106	85	26	0	0	0	0	0	
AL MOBILE	80	53	89	44	66	-3	0.00	-0.83	0.00	5.31	68	53.58	96	77	32	0	0	0	0	0	
AL MONTGOMERY	76	44	86	37	60	-8	0.00	-0.61	0.00	4.55	83	44.14	106	93	29	0	0	0	0	0	
AR FORT SMITH	78	46	93	37	62	-1	0.00	-1.04	0.00	1.61	24	40.09	104	80	19	1	0	0	0	0	
AR LITTLE ROCK	75	46	92	38	61	-2	0.00	-1.07	0.00	2.13	38	46.39	119	82	26	1	0	0	0	0	
AZ FLAGSTAFF	66	35	77	32	50	3	1.59	1.22	1.45	1.94	69	18.16	109	76	30	0	2	2	1	0	
AZ PHOENIX	93	70	103	59	81	4	0.00	-0.13	0.00	0.00	0	4.43	77	34	11	5	0	0	0	0	
AZ PRESCOTT	73	46	85	37	60	2	0.85	0.66	0.48	1.19	66	10.88	99	63	23	0	0	2	0	0	
AZ TUCSON	90	61	101	47	75	3	0.00	-0.15	0.00	0.12	7	13.00	146	38	13	4	0	0	0	0	
CA BAKERSFIELD	80	58	84	48	69	1	0.00	-0.06	0.00	0.00	0	5.40	116	68	33	0	0	0	0	0	
CA EUREKA	63	47	68	37	55	0	0.09	-0.43	0.08	0.59	32	31.87	120	98	73	0	0	2	0	0	
CA FRESNO	80	58	86	50	69	2	0.00	-0.13	0.00	0.02	6	9.07	112	76	30	0	0	0	0	0	
CA LOS ANGELES	73	61	81	54	67	0	0.00	-0.11	0.00	0.00	0	15.37	170	84	51	0	0	0	0	0	
CA REDDING	82	57	90	52	70	5	0.02	-0.44	0.02	0.98	70	21.96	96	66	24	1	0	1	0	0	
CA SACRAMENTO	80	56	83	48	68	3	0.00	-0.20	0.00	0.00	0	12.00	94	77	30	0	0	0	0	0	
CA SAN DIEGO	71	63	75	56	67	-1	0.00	-0.13	0.00	0.02	5	10.91	152	78	59	0	0	0	0	0	
CA SAN FRANCISCO	71	56	79	55	64	0	0.00	-0.18	0.00	0.00	0	14.41	109	82	48	0	0	0	0	0	
CA STOCKTON	80	55	85	44	68	2	0.00	-0.16	0.00	0.00	0	10.69	114	76	30	0	0	0	0	0	
CO ALAMOSA	64	32	74	27	48	4	1.52	1.36	1.15	2.44	175	10.15	157	85	36	0	4	3	1	0	
CO CO SPRINGS	70	41	82	31	55	5	0.34	0.15	0.22	1.29	69	16.69	110	69	30	0	1	2	0	0	
CO DENVER INTL	73	44	83	41	59	8	0.10	-0.13	0.10	1.24	62	13.32	101	65	27	0	0	1	0	0	
CO GRAND JUNCTION	75	51	84	46	63	10	0.20	-0.03	0.17	0.40	21	6.96	92	59	29	0	0	2	0	0	
CO PUEBLO	75	42	86	33	58	6	0.32	0.13	0.17	1.02	91	12.59	114	67	28	0	0	2	0	0	
CT BRIDGEPORT	64	42	69	39	53	-3	0.00	-0.87	0.00	1.07	16	39.20	109	80	38	0	0	0	0	0	
CT HARTFORD	63	37	74	32	50	-3	0.39	-0.65	0.34	1.24	17	41.53	109	93	41	0	1	2	0	0	
DC WASHINGTON	69	48	80	44	58	-3	0.00	-0.84	0.00	4.19	67	32.34	94	73	33	0	0	0	0	0	
DE WILMINGTON	68	41	82	36	55	-2	0.00	-0.82	0.00	0.34	5	38.15	102	81	29	0	0	0	0	0	
FL DAYTONA BEACH	80	67	86	64	74	-1	0.00	-1.12	0.00	27.51	256	59.54	132	90	49	0	0	0	0	0	
FL JACKSONVILLE	77	55	87	49	66	-5	0.00	-0.90	0.00	15.06	139	63.78	133	86	39	0	0	0	0	0	
FL KEY WEST	84	77	86	73	80	-1	0.64	-0.67	0.60	7.16	64	44.81	130	97	72	0	0	2	1	0	
FL MIAMI	84	73	89	72	79	-1	0.25	-1.46	0.13	15.94	102	68.45	115	90	60	0	0	3	0	0	
FL ORLANDO	82	64	88	55	73	-3	0.00	-0.78	0.00	4.85	54	38.44	83	91	46	0	0	0	0	0	
FL PENSACOLA	78	55	88	48	66	-5	0.00	-1.02	0.00	11.41	119	56.22	98	68	30	0	0	0	0	0	
FL TALLAHASSEE	80	48	91	39	64	-6	0.00	-0.72	0.00	12.10	171	61.44	121	85	32	1	0	0	0	0	
FL TAMPA	82	64	86	55	73	-5	0.00	-0.49	0.00	28.27	361	80.92	179	91	45	0	0	0	0	0	
FL WEST PALM BEACH	84	72	87	68	78	-1	0.27	-1.02	0.26	20.53	172	64.59	122	89	58	0	0	2	0	0	
GA ATHENS	71	42	84	35	57	-7	0.00	-0.73	0.00	6.26	106	47.85	121	89	28	0	0	0	0	0	
GA ATLANTA	71	48	84	41	59	-5	0.00	-0.71	0.00	12.61	215	58.15	142	76	30	0	0	0	0	0	
GA AUGUSTA	74	40	84	35	57	-9	0.00	-0.56	0.00	6.48	133	39.50	108	90	22	0	0	0	0	0	
GA COLUMBUS	74	48	84	40	61	-6	0.00	-0.60	0.00	11.86	232	51.43	141	82	29	0	0	0	0	0	
GA MACON	74	40	83	34	57	-9	0.00	-0.56	0.00	9.04	169	42.82	112	98	31	0	0	0	0	0	
GA SAVANNAH	76	49	88	40	62	-7	0.00	-0.89	0.00	6.89	97	51.31	123	85	29	0	0	0	0	0	
HI HILO	83	69	85	68	76	1	1.50	-0.77	0.53	8.74	59	75.21	83	99	65	0	0	7	1	0	
HI HONOLULU	88	76	91	74	82	1	0.09	-0.22	0.07	0.35	21	10.22	90	79	48	1	0	2	0	0	
HI KAHULUI	89	70	92	66	80	0	0.02	-0.15	0.02	0.05	6	10.02	89	84	49	3	0	1	0	0	
HI LIHUE	85	76	86	73	80	2	0.51	-0.20	0.19	1.80	44	27.94	106	89	63	0	0	4	0	0	
IA BURLINGTON	63	37	73	30	50	-4	0.00	-0.70	0.00	1.42	25	30.91	94	85	32	0	2	0	0	0	
IA CEDAR RAPIDS	63	35	75	26	49	-1	0.00	-0.65	0.00	0.05	1	27.17	86	84	29	0	2	0	0	0	
IA DES MOINES	65	39	76	31	52	-1	0.00	-0.63	0.00	0.82	16	33.40	104	76	27	0	1	0	0	0	
IA DUBUQUE	62	34	72	24	48	-2	0.00	-0.66	0.00	0.08	1	28.34	85	85	32	0	2	0	0	0	
IA SIOUX CITY	67	37	78	23	52	1	0.00	-0.53	0.00	0.26	5	28.47	107	72	29	0	4	0	0	0	
IA WATERLOO	65	36	78	24	51	-1	0.00	-0.63	0.00	0.47	9	33.22	103	76	27	0	3	0	0	0	
ID BOISE	68	43	81	34	56	3	0.09	-0.09	0.09	0.63	72	11.06	130	71	28	0	0	1	0	0	
ID LEWISTON	66	47	78	36	56	4	0.01	-0.24	0.01	0.86	71	7.57	75	77	39	0	0	1	0	0	
ID POCATELLO	67	35	79	27	51	4	0.42	0.19	0.38	1.10	72	11.35	120	85	30	0	1	2	0	0	
IL CHICAGO/O_HARE	62	41	71	37	52	-2	0.27	-0.52	0.25	1.72	32	29.44	91	78	35	0	0	2	0	0	
IL MOLINE	64	35	75	28	50	-4	0.00	-0.64	0.00	0.41	8	28.10	85	86	29	0	3	0	0	0	
IL PEORIA	66	39	74	33	53	-2	0.00	-0.73	0.00	1.15	21	27.30	86	82	27	0	0	0	0	0	
IL ROCKFORD	63	35	73	27	49	-3	0.00	-0.58	0.00	2.09	39	31.76	98	88	33	0	2	0	0	0	
IL SPRINGFIELD	66	37	74	27	51	-5	0.00	-0.77	0.00	0.00	0	22.20	70	89	30	0	3	0	0	0	
IN EVANSVILLE	67	42	79	35	55	-4	0.02	-0.74	0.02	4.94	92	36.41	93	86	33	0	0	1	0	0	
IN FORT WAYNE	64	36	72	29	50	-3	0.01	-0.68	0.01	1.67	34	29.72	89	89	36	0	3	1	0	0	
IN INDIANAPOLIS	64	42	73	35	53	-3	0.07	-0.67	0.07	1.63	31	34.76	96	81	34	0	0	1	0	0	
IN SOUTH BEND	62	38	71	34	50	-2	1.06	0.20	0.68	4.80	82	35.61	108	93	41	0	0	2	1	0	
KS CONCORDIA	70	43	80	27	57	1	0.00	-0.46	0.00	0.88	21	18.64	73	63	26	0	1	0	0	0	
KS DODGE CITY	70	43	77	29	57	0	0.00	-0.53	0.00	2.56	97	25.48	130	69	30	0	1	0	0	0	
KS GOODLAND	70	42																			

Weather Data for the Week Ending October 19, 2024

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE 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	TEMP. °F		PRECIP	
																		01 INCH OR MORE	50 INCH OR MORE	01 INCH OR MORE	50 INCH OR MORE
KY	WICHITA	71	44	78	30	58	-1	0.00	-0.68	0.00	1.91	38	24.21	78	61	24	0	1	0	0	
	LEXINGTON	65	40	81	34	53	-5	0.20	-0.65	0.20	6.66	117	39.08	95	86	46	0	0	1	0	
	LOUISVILLE	67	44	82	38	55	-5	0.05	-0.81	0.05	7.80	129	40.26	101	75	37	0	0	1	0	
LA	PADUCAH	69	40	82	33	55	-5	0.00	-0.92	0.00	8.35	139	43.64	107	90	30	0	0	0	0	
	BATON ROUGE	83	55	91	44	69	-1	0.00	-1.18	0.00	7.74	105	53.80	105	84	32	1	0	0	0	
	LAKE CHARLES	83	55	93	42	69	-2	0.00	-1.12	0.00	1.07	13	56.82	115	81	33	2	0	0	0	
MA	NEW ORLEANS	79	61	88	51	70	-3	0.00	-0.85	0.00	17.78	242	72.59	136	89	42	0	0	0	0	
	SHREVEPORT	82	53	99	43	68	0	***	***	***	***	***	***	76	22	1	0	***	***		
	BOSTON	57	42	67	40	50	-5	0.33	-0.59	0.20	2.35	39	36.86	107	83	50	0	0	2	0	
MD	WORCESTER	57	40	71	36	49	-1	0.30	-0.82	0.16	1.81	25	43.76	114	77	43	0	0	2	0	
	BALTIMORE	65	38	79	32	51	-6	0.00	-0.88	0.00	2.63	38	30.37	82	99	36	0	1	0	0	
ME	CARIBOU	55	33	70	27	44	-1	0.15	-0.78	0.15	2.33	39	28.80	89	88	49	0	3	1	0	
	PORTLAND	57	34	66	29	46	-5	0.94	-0.30	0.50	3.45	49	37.20	99	98	54	0	2	2	1	
MI	ALPENA	60	33	74	25	47	-1	0.08	-0.61	0.08	1.15	24	28.55	115	90	37	0	4	1	0	
	GRAND RAPIDS	60	37	70	33	49	-3	0.41	-0.50	0.41	2.32	39	30.30	93	91	44	0	0	1	0	
	HOUGHTON LAKE	57	31	69	24	44	-3	0.07	-0.65	0.07	1.41	31	13.77	75	95	46	0	4	1	0	
MN	LANSING	59	36	70	33	48	-3	0.43	-0.30	0.39	1.83	38	29.07	104	95	48	0	0	2	0	
	MUSKEGON	61	38	68	32	49	-3	0.53	-0.34	0.53	5.72	102	29.11	102	89	47	0	1	1	1	
	TRAVERSE CITY	61	39	74	32	50	0	0.54	-0.31	0.31	1.13	19	18.95	79	89	41	0	1	2	0	
MO	DULUTH	57	38	69	26	47	3	0.30	-0.38	0.13	0.72	13	23.64	88	81	40	0	3	4	0	
	INT_L FALLS	55	34	71	26	45	3	0.57	0.07	0.31	4.69	105	24.22	108	89	51	0	4	3	0	
	MINNEAPOLIS	62	43	74	34	53	3	0.00	-0.62	0.00	0.12	2	31.80	113	72	33	0	0	0	0	
MS	ROCHESTER	61	37	75	26	49	1	0.00	-0.54	0.00	0.63	12	31.28	101	74	33	0	3	0	0	
	ST. CLOUD	61	36	72	22	49	3	0.10	-0.54	0.10	0.51	10	31.10	122	78	38	0	3	1	0	
	COLUMBIA	67	39	74	31	53	-5	0.00	-0.80	0.00	1.48	24	33.91	95	80	26	0	1	0	0	
MT	KANSAS CITY	67	39	76	30	53	-3	0.00	-0.75	0.00	1.49	23	28.12	80	70	24	0	1	0	0	
	SAINT LOUIS	68	42	79	35	55	-4	0.00	-0.72	0.00	5.44	113	36.53	105	70	29	0	0	0	0	
	SPRINGFIELD	69	40	80	29	55	-4	0.00	-0.81	0.00	1.93	30	33.37	89	75	21	0	1	0	0	
NC	JACKSON	77	48	89	39	62	-4	0.00	-0.84	0.00	5.91	103	61.35	132	80	28	0	0	0	0	
	MERIDIAN	75	45	87	37	60	-7	0.00	-0.89	0.00	6.84	126	41.48	91	92	34	0	0	0	0	
	TUPELO	73	43	88	36	58	-6	0.00	-0.90	0.00	5.64	94	44.15	96	88	32	0	0	0	0	
ND	BILLINGS	69	43	83	36	56	8	0.34	-0.01	0.34	2.34	100	11.65	91	68	29	0	0	1	0	
	BUTTE	64	29	76	25	47	6	0.25	0.05	0.16	1.45	90	9.11	80	85	28	0	7	2	0	
	CUT BANK	65	37	78	27	51	9	0.00	-0.13	0.00	1.11	76	6.95	70	70	28	0	3	0	0	
NE	GLASGOW	67	38	78	32	53	7	0.00	-0.22	0.00	1.38	81	10.77	88	62	26	0	1	0	0	
	GREAT FALLS	68	41	81	29	55	10	0.01	-0.24	0.01	2.08	101	14.31	108	71	25	0	3	1	0	
	HAVRE	69	35	80	29	52	8	0.01	-0.15	0.01	2.30	146	15.27	142	82	27	0	4	1	0	
OH	MISSOULA	61	34	73	29	47	3	0.11	-0.16	0.07	1.19	72	10.11	88	93	42	0	2	2	0	
	ASHEVILLE	65	38	79	32	52	-6	0.01	-0.73	0.01	16.50	263	59.44	146	88	34	0	1	1	0	
	CHARLOTTE	70	43	81	39	57	-5	0.00	-0.69	0.00	9.25	160	47.12	131	85	29	0	0	0	0	
PA	GREENSBORO	67	42	79	40	55	-5	0.06	-0.61	0.06	7.83	120	52.17	143	86	32	0	0	1	0	
	HATTERAS	69	56	78	51	63	-6	0.46	-0.78	0.37	11.38	100	45.04	90	88	57	0	0	2	0	
	RALEIGH	71	44	81	38	57	-5	0.31	-0.42	0.31	14.13	192	51.22	133	86	32	0	0	1	0	
RI	WILMINGTON	73	47	85	39	60	-6	0.10	-0.95	0.10	8.85	73	52.56	101	86	35	0	0	1	0	
	BISMARCK	62	34	79	28	48	4	0.17	-0.19	0.17	0.38	14	15.81	91	84	35	0	3	1	0	
	DICKINSON	62	33	75	27	47	4	0.05	-0.24	0.05	0.31	12	12.34	84	81	28	0	4	1	0	
SD	FARGO	59	37	72	21	48	3	0.15	-0.37	0.15	0.35	8	19.27	90	83	44	0	2	1	0	
	GRAND FORKS	60	36	71	22	48	5	0.26	-0.18	0.25	1.06	30	22.65	115	81	43	0	2	2	0	
	JAMESTOWN	60	36	72	21	48	4	0.30	-0.12	0.30	1.04	32	18.06	97	86	41	0	2	1	0	
TN	GRAND ISLAND	67	41	77	30	54	1	0.04	-0.44	0.04	0.37	11	24.26	100	77	27	0	3	1	0	
	LINCOLN	70	39	81	23	55	1	0.00	-0.49	0.00	1.20	27	21.72	85	67	25	0	3	0	0	
	NORFOLK	68	39	79	26	54	3	0.00	-0.52	0.00	0.20	5	24.36	100	67	26	0	3	0	0	
TX	NORTH PLATTE	69	38	83	27	53	3	0.75	0.34	0.65	1.00	36	20.14	102	72	31	0	3	2	1	
	OMAHA	68	41	80	30	55	0	0.00	-0.52	0.00	0.08	1	27.92	98	71	27	0	1	0	0	
	SCOTTSBLUFF	71	37	84	33	54	5	0.05	-0.25	0.05	0.34	16	12.73	89	73	28	0	0	1	0	
VA	VALENTINE	69	38	82	26	53	4	0.02	-0.31	0.02	0.12	4	16.00	81	72	30	0	3	1	0	
	CONCORD	58	31	74	25	44	-5	0.96	-0.09	0.57	3.50	55	35.74	107	100	49	0	5	2	1	
	ATLANTIC_CITY	69	40	80	35	54	-3	0.00	-0.96	0.00	0.59	9	37.41	102	79	30	0	0	0	0	
WV	NEWARK	67	46	74	41	56	-1	0.00	-0.86	0.00	1.18	19	34.76	92	74	30	0	0	0	0	
	ALBUQUERQUE	76	53	83	44	64	6	0.51	0.30	0.41	0.66	37	7.52	100	58	23	0	0	2	0	
	ELY	65	31	75	29	48	2	0.07	-0.11	0.06	0.17	15	8.46	108	65	20	0	6	2	0	
WY	LAS VEGAS	84	65	91	56	74	4	0.00	-0.08	0.00	0.00	0	2.15	64	27	13	2	0	0	0	
	RENO	67	40	82	30	54	-1	0.16	0.04	0.16	0.45	89	6.51	118	78	27	0	2	1	0	
	WINNEMUCCA	68	32	83	22	50	1	0.50	0.35	0.33	1.73	236	8.91	152	80	24	0	2	2	0	
AZ	ALBANY	58	35	71	29	46	-5	1.15	0.24	0.74	2.93	47	36.72	110	94	51	0	1	2	1	
	BINGHAMTON	53	35	66	33	44	-5	1.07	0.21	0.87	3.60	56	37.94	109	96	58	0	0	4	1	

Weather Data for the Week Ending October 19, 2024

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE 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
OK TOLEDO	60	37	71	33	49	-6	0.61	0.02	0.60	2.40	52	31.76	109	96	44	0	0	2	1
OK YOUNGSTOWN	60	37	71	32	49	-3	1.26	0.51	0.92	6.10	103	38.97	115	94	49	0	2	4	1
OK OKLAHOMA CITY	75	47	86	33	61	0	0.00	-0.82	0.00	2.32	39	29.69	93	69	24	0	0	0	0
OR TULSA	74	46	86	33	60	-3	0.00	-0.89	0.00	0.52	8	34.13	99	72	20	0	0	0	0
OR ASTORIA	62	51	67	45	57	4	0.71	-0.81	0.37	3.20	51	48.02	105	92	68	0	0	5	0
OR BURNS	66	29	79	19	47	2	0.22	0.04	0.22	0.76	95	8.08	107	81	31	0	5	1	0
OR EUGENE	68	48	76	38	58	5	0.43	-0.28	0.31	1.42	47	21.73	82	93	49	0	0	3	0
OR MEDFORD	72	45	82	34	58	2	0.32	0.06	0.22	0.54	50	12.48	106	84	36	0	0	3	0
OR PENDLETON	68	46	78	37	57	6	0.16	-0.09	0.16	0.65	59	9.52	100	74	37	0	0	1	0
OR PORTLAND	67	52	77	46	60	4	0.67	-0.10	0.21	1.84	55	24.46	101	88	52	0	0	4	0
OR SALEM	69	50	79	43	60	5	0.76	-0.03	0.41	1.97	60	26.78	104	87	49	0	0	3	0
PA ALLENTOWN	67	36	79	29	51	-3	0.00	-0.94	0.00	1.40	18	35.54	91	85	31	0	1	0	0
PA ERIE	57	43	67	36	50	-4	1.15	0.17	0.64	4.30	61	29.43	87	86	52	0	0	2	2
PA MIDDLETOWN	66	42	81	37	54	-2	0.00	-0.85	0.00	5.50	75	39.42	107	80	37	0	0	0	0
PA PHILADELPHIA	69	46	84	42	57	-1	0.00	-0.79	0.00	1.13	17	34.89	96	70	29	0	0	0	0
PA PITTSBURGH	63	41	77	35	52	-1	0.31	-0.30	0.15	3.37	66	37.28	113	83	42	0	0	3	0
PA WILKES-BARRE	60	37	69	32	48	-5	0.61	-0.24	0.60	2.18	33	34.89	109	90	42	0	1	2	1
PA WILLIAMSPORT	62	38	70	34	50	-3	0.88	0.06	0.86	2.51	35	39.78	111	94	45	0	0	3	1
RI PROVIDENCE	59	37	66	34	48	-6	0.17	-0.78	0.17	2.85	42	50.74	136	94	48	0	0	1	0
SC CHARLESTON	74	46	88	39	60	-8	0.00	-0.99	0.00	4.44	48	50.46	111	87	33	0	0	0	0
SC COLUMBIA	73	42	85	36	58	-7	0.00	-0.73	0.00	6.95	114	48.08	126	90	30	0	0	0	0
SC FLORENCE	73	45	85	40	59	-6	0.00	-0.77	0.00	8.57	123	45.92	120	84	31	0	0	0	0
SC GREENVILLE	69	41	83	37	55	-7	0.00	-0.81	0.00	10.55	177	47.35	118	89	31	0	0	0	0
SD ABERDEEN	63	38	76	25	50	4	0.04	-0.50	0.04	0.51	14	19.01	96	79	35	0	3	1	0
SD HURON	65	37	76	21	51	3	0.08	-0.39	0.08	0.28	7	19.96	93	78	31	0	4	1	0
SD RAPID CITY	69	36	88	30	53	6	0.00	-0.35	0.00	1.22	55	13.21	81	69	28	0	3	0	0
SD SIOUX FALLS	64	38	75	25	51	2	0.01	-0.57	0.01	0.21	4	27.78	110	78	33	0	3	1	0
TN BRISTOL	65	35	79	31	50	-7	0.18	-0.37	0.12	8.56	196	39.15	108	95	40	0	2	2	0
TN CHATTANOOGA	70	43	85	37	57	-6	0.04	-0.74	0.04	6.00	92	37.38	85	89	34	0	0	1	0
TN KNOXVILLE	66	40	81	35	53	-7	0.02	-0.57	0.02	6.36	122	49.55	118	91	38	0	0	1	0
TN MEMPHIS	72	48	88	40	60	-5	0.00	-0.94	0.00	9.78	181	45.53	105	76	31	0	0	0	0
TN NASHVILLE	69	44	86	37	57	-5	0.00	-0.76	0.00	8.90	151	41.26	100	82	32	0	0	0	0
TX ABILENE	82	57	97	47	69	2	0.00	-0.68	0.00	3.91	88	18.06	83	65	29	2	0	0	0
TX AMARILLO	75	49	84	37	62	3	0.00	-0.44	0.00	0.45	15	17.17	97	64	35	0	0	0	0
TX AUSTIN	89	60	101	53	74	3	0.07	-0.87	0.07	0.43	7	24.67	84	72	25	3	0	1	0
TX BEAUMONT	84	58	95	48	71	0	0.01	-1.25	0.01	1.09	10	62.80	122	85	35	3	0	1	0
TX BROWNSVILLE	89	67	92	64	78	0	0.25	-0.65	0.22	11.69	140	36.91	163	89	46	5	0	2	0
TX CORPUS CHRISTI	88	62	96	52	75	0	0.00	-0.71	0.00	5.71	77	25.50	95	92	42	3	0	0	0
TX DEL RIO	88	63	99	59	76	3	0.00	-0.48	0.00	6.66	162	10.80	62	60	28	3	0	0	0
TX EL PASO	85	61	91	58	73	6	0.06	-0.07	0.06	0.53	27	5.84	77	46	17	3	0	1	0
TX FORT WORTH	80	59	95	49	70	2	0.00	-1.09	0.00	1.74	33	34.14	114	55	27	2	0	0	0
TX GALVESTON	82	69	89	59	76	0	0.00	-1.22	0.00	5.64	57	43.14	117	83	56	0	0	0	0
TX HOUSTON	87	58	99	47	73	1	0.00	-1.30	0.00	2.67	33	52.60	125	82	28	3	0	0	0
TX LUBBOCK	79	54	91	45	66	4	0.01	-0.33	0.01	2.85	79	18.73	115	62	36	2	0	1	0
TX MIDLAND	79	56	93	48	68	1	0.00	-0.28	0.00	4.28	170	8.87	76	64	35	1	0	0	0
TX SAN ANGELO	83	54	99	44	69	1	0.00	-0.57	0.00	5.15	127	13.26	73	63	31	2	0	0	0
TX SAN ANTONIO	87	62	98	54	75	3	0.00	-0.89	0.00	1.51	24	19.65	73	72	30	3	0	0	0
TX VICTORIA	89	58	99	52	74	1	0.00	-0.96	0.00	2.50	35	31.80	94	90	31	3	0	0	0
TX WACO	87	53	104	42	70	2	0.00	-1.09	0.00	1.34	24	32.71	112	74	19	3	0	0	0
TX WICHITA FALLS	82	51	94	41	66	2	0.00	-0.70	0.00	0.37	7	24.91	105	61	25	2	0	0	0
UT SALT LAKE CITY	72	50	83	40	61	7	0.62	0.33	0.50	1.20	65	12.05	97	67	31	0	0	2	0
VA LYNCHBURG	67	40	79	33	53	-4	0.00	-0.67	0.00	4.32	72	34.19	98	91	36	0	0	0	0
VA NORFOLK	68	53	81	47	61	-3	0.00	-0.87	0.00	4.89	62	47.26	113	75	39	0	0	0	0
VA RICHMOND	70	45	81	42	57	-3	0.03	-0.72	0.03	3.93	58	47.00	124	84	35	0	0	1	0
VA ROANOKE	66	42	81	36	54	-5	0.01	-0.64	0.01	9.35	155	35.91	100	80	34	0	0	1	0
VA WASH/DULLES	67	39	81	33	53	-3	0.00	-0.81	0.00	4.26	68	31.43	88	88	34	0	0	0	0
VT BURLINGTON	56	36	68	31	46	-4	0.74	-0.13	0.49	4.44	72	34.13	110	91	49	0	1	3	0
WA OLYMPIA	62	46	74	40	54	4	0.58	-0.54	0.21	3.42	73	30.21	93	97	62	0	0	5	0
WA QUILLAYUTE	60	48	67	43	54	4	6.31	3.93	4.02	12.58	122	72.23	106	97	73	0	0	7	3
WA SEATTLE-TACOMA	61	50	71	45	55	2	0.37	-0.50	0.13	1.87	51	21.30	83	96	59	0	0	5	0
WA SPOKANE	63	42	73	32	53	5	0.15	-0.16	0.15	0.61	47	8.46	73	89	43	0	1	1	0
WA YAKIMA	67	38	77	29	53	3	0.20	0.04	0.19	0.27	47	4.00	73	84	35	0	1	2	0
WI EAU CLAIRE	62	36	74	27	49	1	0.01	-0.56	0.01	2.24	41	32.26	110	81	34	0	3	1	0
WI GREEN BAY	61	37	73	32	49	0	0.39	-0.23	0.35	1.48	30	27.75	102	82	39	0	1	2	0
WI LA CROSSE	63	40	78	28	52	0	0.00	-0.57	0.00	1.79	33	28.37	91	74	31	0	2	0	0
WI MADISON	60	37	72	29	49	-1	0.04	-0.59	0.04	5.58	108	41.45	128	86	35	0	1	1	0
WI MILWAUKEE	62	41	73	36	51	-2	0.64	0.02	0.45	3.17	64	35.03	118	77	38	0	0	3	0
WI BECKLEY	60	38	76	31	49	-5	0.07	-0.54	0.07	5.78	119	31.73	86	83	43	0	2	1	0
WI CHARLESTON	66	39	84	32	52	-5	0.08	-0.56	0.08	2.41	45	32.86	85	90	37	0	2	1	0
WI ELKINS	62	36	81	29	49	-4	0.67	0.00	0.50	6.67	122	38.35	96	98	49	0	3	3	1
WI HUNTINGTON	66	42	83	32	54	-3	0.12	-0.56	0.12	5.14	102	35.88	95	84	39	0	1	1	0
WY CASPER	67	31	78	28	49	4	0.44	0.16	0.27	0.90	51	8.96	84	81	22	0	6	2	0
WY CHEYENNE	65	38	78	34	51	5	0.01	-0.22	0.01	0.38	17	9.92	70	73	31	0	0	1	0
WY LANDER	65	38	78	27	52	6	0.54	0.20	0.52	0.95	49	9.03	79	69	34	0	2	2	1
WY SHERIDAN	75	34	87	27	55	9	0.60	0.22	0.48	1.00	38	10.35	78	78	21	0	3	2	0

Based on 1991-2020 normals

*** Not Available

National Agricultural Summary

October 14 – 20, 2024

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Most of the East and the nation's mid-section were drier than normal. In contrast, some locations in the Great Lakes region, as well as parts of the central and northern Plains, recorded at least twice the normal amount of weekly precipitation. In the western U.S., large parts of the Pacific Northwest, Rockies, and Southwest also recorded at least twice the normal precipitation. A few locations in

New Mexico and Washington recorded at least 3.5 inches during the week. Meanwhile, most of the eastern half of the nation was cooler than normal. Large parts of the South recorded temperatures 6°F or more below normal. However, most of the western half of the nation was warmer than normal, with northern sections of the Plains and Rockies recording temperatures 8°F or more above normal.

Corn: Ninety-eight percent of the nation's corn acreage was mature by October 20, one percentage point ahead of last year and 3 points ahead of the 5-year average. Sixty-five percent of the 2024 corn acreage was harvested by week's end, 10 percentage points ahead of last year and 13 points ahead of average. Corn harvesting advanced 14 percentage points or more during the week in 12 of the 18 estimating states. Corn harvest progress was at or ahead of the 5-year average pace in all 18 estimating states.

Soybeans: Soybean harvest across the nation was 81 percent complete by October 20, nine percentage points ahead of last year and 14 points ahead of the 5-year average. Soybean harvesting advanced 10 percentage points or more during the week in 15 of the 18 estimating states. Soybean harvest progress was ahead of the 5-year average pace in all 18 estimating states.

Winter Wheat: Nationwide, producers had sown 73 percent of the intended 2025 winter wheat acreage by October 20, one percentage point behind last year and 3 points behind the 5-year average. During the week, winter wheat planting progress advanced by 27 and 23 percentage points, respectively, in Illinois and Missouri. Nationwide, 46 percent of the winter wheat acreage had emerged by October 20, three percentage points behind last year and 4 points behind the 5-year average. Winter wheat emergence advanced 11 percentage points or more during the week in 12 of the 18 estimating states.

Cotton: By October 20, ninety-four percent of the nation's cotton had open bolls, 5 percentage points ahead of last year and 3 points ahead of the 5-year average. On that date, 44 percent of the nation's cotton acreage was harvested, 5 percentage points ahead of last year and 6 points ahead of average. Cotton harvesting advanced 10 percentage points or more during the week in 11 of the 15 estimating states. On October 20, thirty-

seven percent of the 2024 cotton acreage was rated in good to excellent condition, 3 percentage points above the previous week and 8 points above the previous year.

Sorghum: By October 20, ninety-five percent of the nation's sorghum acreage was mature, equal to last year but 1 percentage point ahead of the 5-year average. Sixty-four percent of the 2024 sorghum acreage had been harvested by October 20, one percentage point ahead of last year and 3 points ahead of average. Harvest of sorghum advanced 14 percentage points or more during the week in four of the six estimating states.

Rice: Nationally, 96 percent of the rice acreage was harvested by October 20, six percentage points ahead of last year and 4 points ahead of the 5-year average. Rice harvest advanced 20 percentage points during the week in California.

Other Crops: Forty-four percent of the nation's peanut acreage was harvested as of October 20, seven percentage points behind last year and 10 points behind the 5-year average. Peanut harvest advanced 11 percentage points or more in all eight estimating states. On October 20, fifty-one percent of the nation's peanut acreage was rated in good to excellent condition, 2 percentage points below the previous week but 3 points above the same time last year.

By October 20, sugarbeet producers had harvested 71 percent of the nation's crop, five percentage points ahead of last year and 8 points ahead of the 5-year average. During the week, sugarbeet harvest advanced 40 and 43 percentage points, respectively, in Minnesota and North Dakota.

By October 20, thirty percent of this year's sunflower crop was harvested, 7 percentage points ahead of last year and 3 points ahead of the 5-year average. Sunflower harvest advanced 28 percentage points during the week in Colorado.

Crop Progress and Condition

Week Ending October 20, 2024

Accessible Data Available from USDA/NASS

Corn Percent Mature				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
CO	92	85	95	95
IL	98	97	99	95
IN	95	96	99	94
IA	99	97	99	96
KS	100	98	99	99
KY	98	98	100	99
MI	83	96	100	84
MN	99	94	98	97
MO	99	99	100	98
NE	99	94	98	97
NC	100	100	100	100
ND	99	88	95	91
OH	89	92	97	87
PA	81	60	78	88
SD	99	90	96	94
TN	99	99	100	100
TX	99	100	100	99
WI	90	85	94	88
18 Sts	97	94	98	95
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Harvested				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
CO	42	30	46	44
IL	65	49	67	59
IN	39	44	61	45
IA	56	45	68	48
KS	79	77	83	75
KY	76	76	82	81
MI	22	31	45	26
MN	57	43	66	49
MO	72	73	80	69
NE	57	45	63	51
NC	95	88	94	94
ND	40	19	47	38
OH	19	34	51	27
PA	23	20	41	30
SD	45	33	56	47
TN	87	88	94	88
TX	88	98	99	88
WI	21	26	44	23
18 Sts	55	47	65	52
These 18 States harvested 93% of last year's corn acreage.				

Soybeans Percent Harvested				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
AR	78	72	82	66
IL	75	62	76	67
IN	61	57	75	62
IA	83	81	91	76
KS	67	53	70	54
KY	47	42	54	49
LA	97	82	94	93
MI	40	66	80	49
MN	85	88	95	81
MS	93	84	90	82
MO	57	41	61	43
NE	79	70	85	80
NC	24	20	31	27
ND	80	76	89	73
OH	60	62	78	61
SD	85	77	91	77
TN	56	62	69	51
WI	65	83	93	61
18 Sts	72	67	81	67
These 18 States harvested 96% of last year's soybean acreage.				

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
AL	93	95	96	93
AZ	98	98	99	100
AR	100	100	100	100
CA	82	75	90	90
GA	92	90	94	92
KS	99	90	97	92
LA	100	98	100	100
MS	99	98	100	97
MO	96	98	99	97
NC	98	90	96	96
OK	94	96	99	93
SC	92	99	100	94
TN	95	95	97	94
TX	85	83	92	88
VA	96	96	100	97
15 Sts	89	88	94	91
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Harvested				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
AL	37	31	45	34
AZ	23	69	70	30
AR	66	52	68	58
CA	17	10	25	29
GA	19	19	29	28
KS	26	23	40	16
LA	93	67	80	81
MS	67	61	74	58
MO	61	38	51	41
NC	20	6	13	27
OK	19	15	20	18
SC	17	19	35	24
TN	38	35	53	38
TX	39	38	43	39
VA	32	32	43	34
15 Sts	39	34	44	38
These 15 States harvested 98% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	3	16	43	38	0
AZ	0	1	0	50	49
AR	0	4	23	53	20
CA	0	0	0	80	20
GA	5	19	38	33	5
KS	5	16	36	39	4
LA	0	3	19	76	2
MS	3	9	45	37	6
MO	3	6	22	69	0
NC	2	11	24	58	5
OK	13	10	57	19	1
SC	2	10	38	48	2
TN	13	17	30	32	8
TX	23	22	27	23	5
VA	0	12	22	61	5
15 Sts	15	18	30	31	6
Prev Wk	11	23	32	29	5
Prev Yr	24	19	28	24	5

Crop Progress and Condition

Week Ending October 20, 2024

Sorghum Percent Mature				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
CO	97	70	91	93
KS	91	87	93	91
NE	98	94	97	95
OK	91	76	88	93
SD	100	95	100	96
TX	100	100	100	100
6 Sts	95	89	95	94
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Harvested				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
CO	38	20	40	46
KS	52	39	53	46
NE	49	38	57	49
OK	49	43	48	50
SD	61	53	70	60
TX	96	95	97	95
6 Sts	63	53	64	61
These 6 States harvested 100% of last year's sorghum acreage.				

Sugarbeets Percent Harvested				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
ID	41	32	39	51
MI	21	27	31	36
MN	83	50	90	74
ND	80	45	88	71
4 Sts	66	42	71	63
These 4 States harvested 86% of last year's sugarbeet acreage.				

Peanuts Percent Harvested				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
AL	69	40	51	61
FL	72	51	65	72
GA	49	27	40	56
NC	45	16	40	49
OK	33	18	30	34
SC	41	33	48	48
TX	31	19	35	29
VA	61	54	70	63
8 Sts	51	30	44	54
These 8 States harvested 96% of last year's peanut acreage.				

Peanut Condition by Percent						
	VP	P	F	G	EX	
AL	2	10	40	47	1	1
FL	0	11	63	26	0	0
GA	3	11	37	44	5	5
NC	2	6	20	63	9	9
OK	5	8	25	60	2	2
SC	3	6	31	55	5	5
TX	1	4	40	47	8	8
VA	0	0	2	67	31	31
8 Sts	2	9	38	46	5	5
Prev Wk	2	9	36	46	7	7
Prev Yr	4	9	39	43	5	5

Sunflowers Percent Harvested				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
CO	53	30	58	48
KS	67	40	48	44
ND	19	10	28	27
SD	19	15	27	24
4 Sts	23	14	30	27
These 4 States harvested 87% of last year's sunflower acreage.				

Rice Percent Harvested				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
AR	95	95	98	93
CA	56	60	80	79
LA	100	100	100	100
MS	100	98	100	94
MO	92	92	96	88
TX	97	99	99	99
6 Sts	90	91	96	92
These 6 States harvested 100% of last year's rice acreage.				

Crop Progress and Condition

Week Ending October 20, 2024

Winter Wheat Percent Planted				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
AR	34	26	34	38
CA	17	15	20	19
CO	95	91	96	96
ID	93	77	90	91
IL	66	33	60	64
IN	52	40	59	60
KS	81	68	78	79
MI	53	65	77	68
MO	45	22	45	42
MT	77	68	75	82
NE	98	96	98	96
NC	15	9	14	16
OH	67	58	77	76
OK	69	43	55	71
OR	65	64	83	73
SD	93	85	92	95
TX	66	61	65	68
WA	93	93	98	91
18 Sts	74	64	73	76
These 18 States planted 89% of last year's winter wheat acreage.				

Winter Wheat Percent Emerged				
	Prev Year	Prev Week	Oct 20 2024	5-Yr Avg
AR	14	8	16	17
CA	4	2	4	4
CO	67	50	62	67
ID	50	39	53	53
IL	30	9	33	29
IN	19	12	26	25
KS	52	36	48	51
MI	39	31	49	44
MO	13	4	15	17
MT	61	58	67	57
NE	88	69	77	82
NC	6	4	8	5
OH	28	18	36	38
OK	46	20	32	49
OR	28	28	47	31
SD	66	48	60	67
TX	42	34	40	42
WA	66	63	74	66
18 Sts	49	35	46	50
These 18 States planted 89% of last year's winter wheat acreage.				

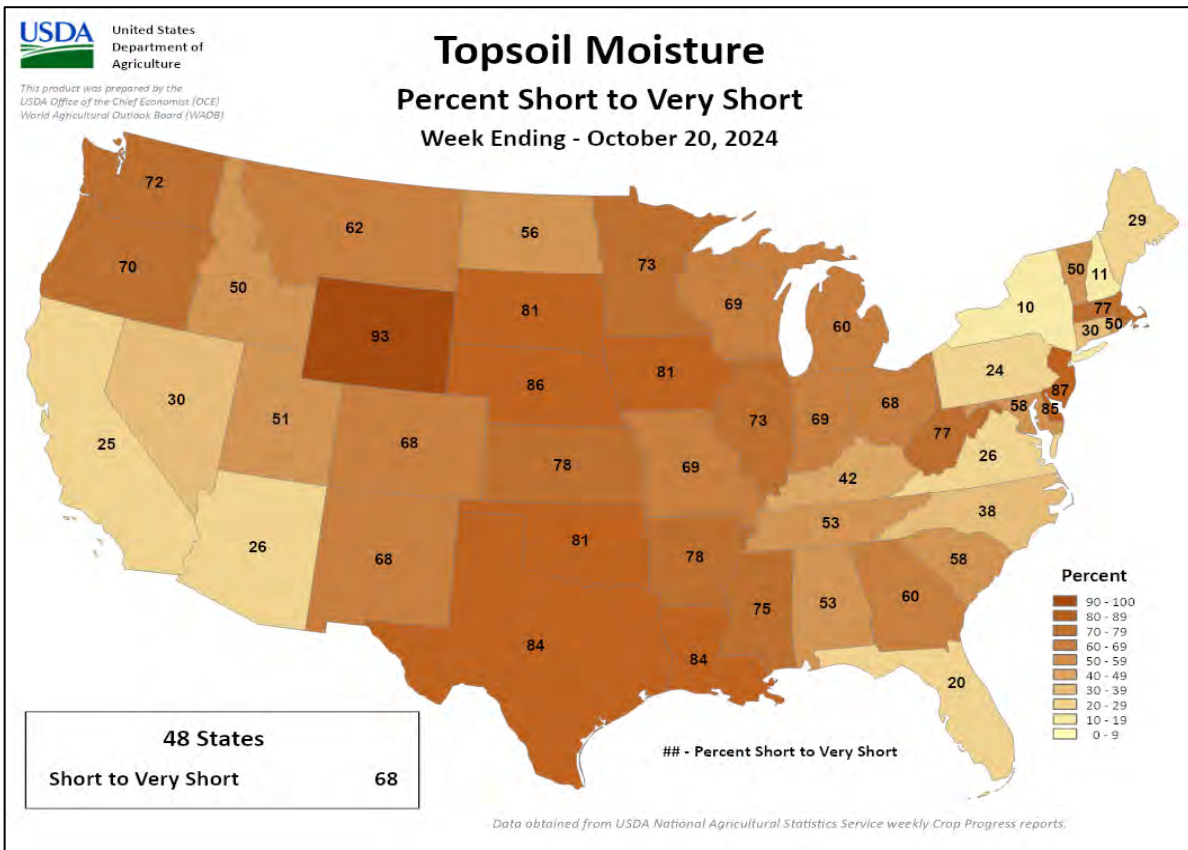
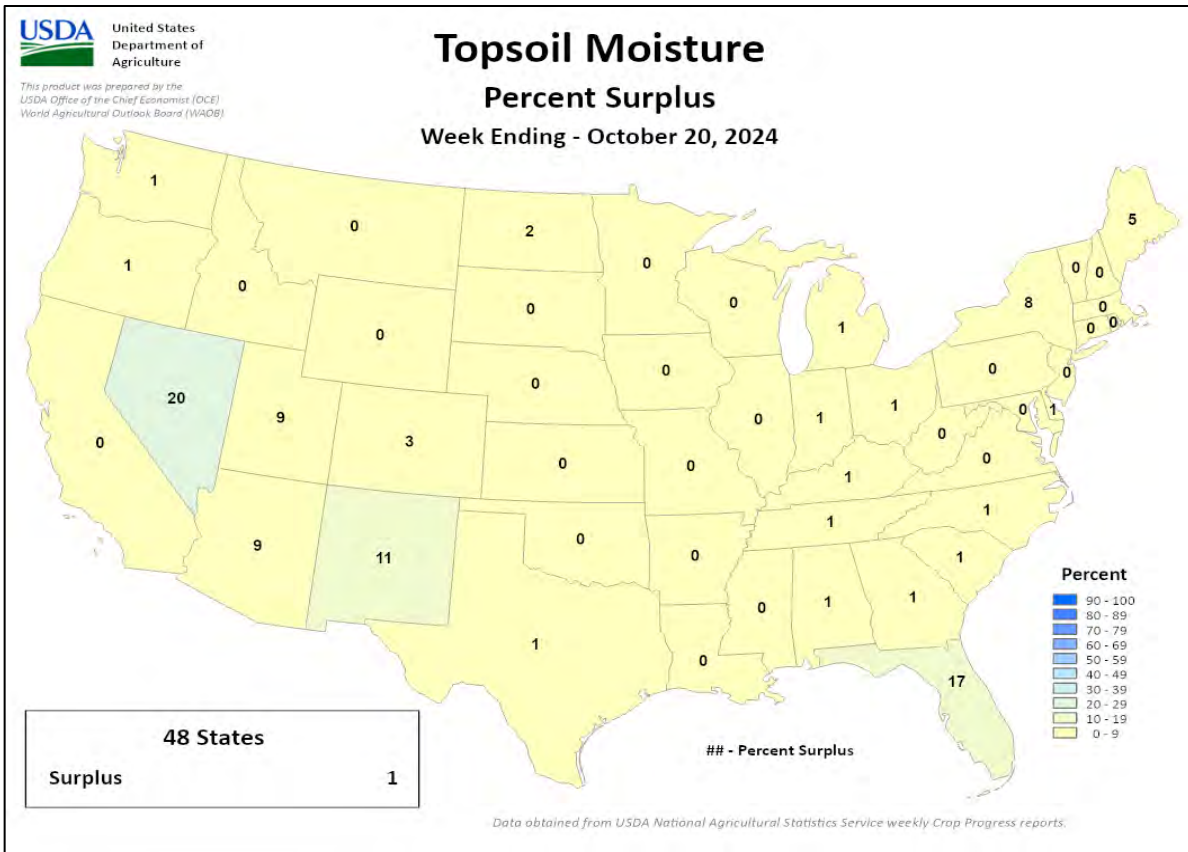
Pasture and Range Condition by Percent											
Week Ending Oct 20, 2024											
	VP	P	F	G	EX		VP	P	F	G	EX
AL	7	19	42	31	1	NH	0	0	17	83	0
AZ	40	22	13	22	3	NJ	19	22	35	19	5
AR	19	34	30	16	1	NM	10	26	29	12	23
CA	15	20	35	30	0	NY	3	24	25	33	15
CO	8	15	37	36	4	NC	0	5	24	69	2
CT	0	0	100	0	0	ND	16	25	29	29	1
DE	23	39	26	11	1	OH	35	31	30	4	0
FL	2	7	19	49	23	OK	19	32	33	16	0
GA	16	26	38	19	1	OR	26	30	23	18	3
ID	5	30	32	32	1	PA	0	4	34	54	8
IL	11	20	40	27	2	RI	0	0	52	48	0
IN	9	23	38	28	2	SC	10	21	47	20	2
IA	11	26	41	20	2	SD	21	30	25	24	0
KS	15	29	40	15	1	TN	16	30	36	17	1
KY	12	19	30	36	3	TX	30	34	25	10	1
LA	3	14	45	38	0	UT	2	11	32	52	3
ME	0	7	31	62	0	VT	0	0	100	0	0
MD	2	26	41	25	6	VA	5	25	39	30	1
MA	0	0	55	45	0	WA	47	28	16	9	0
MI	17	26	29	22	6	WV	44	48	8	0	0
MN	10	17	37	33	3	WI	9	21	44	24	2
MS	12	29	34	23	2	WY	13	15	41	31	0
MO	8	32	37	22	1	48 Sts	22	26	29	19	4
MT	36	23	37	4	0						
NE	37	20	28	14	1	Prev Wk	21	28	29	19	3
NV	25	10	20	25	20	Prev Yr	18	22	29	27	4

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

NA - Not Available
* Revised

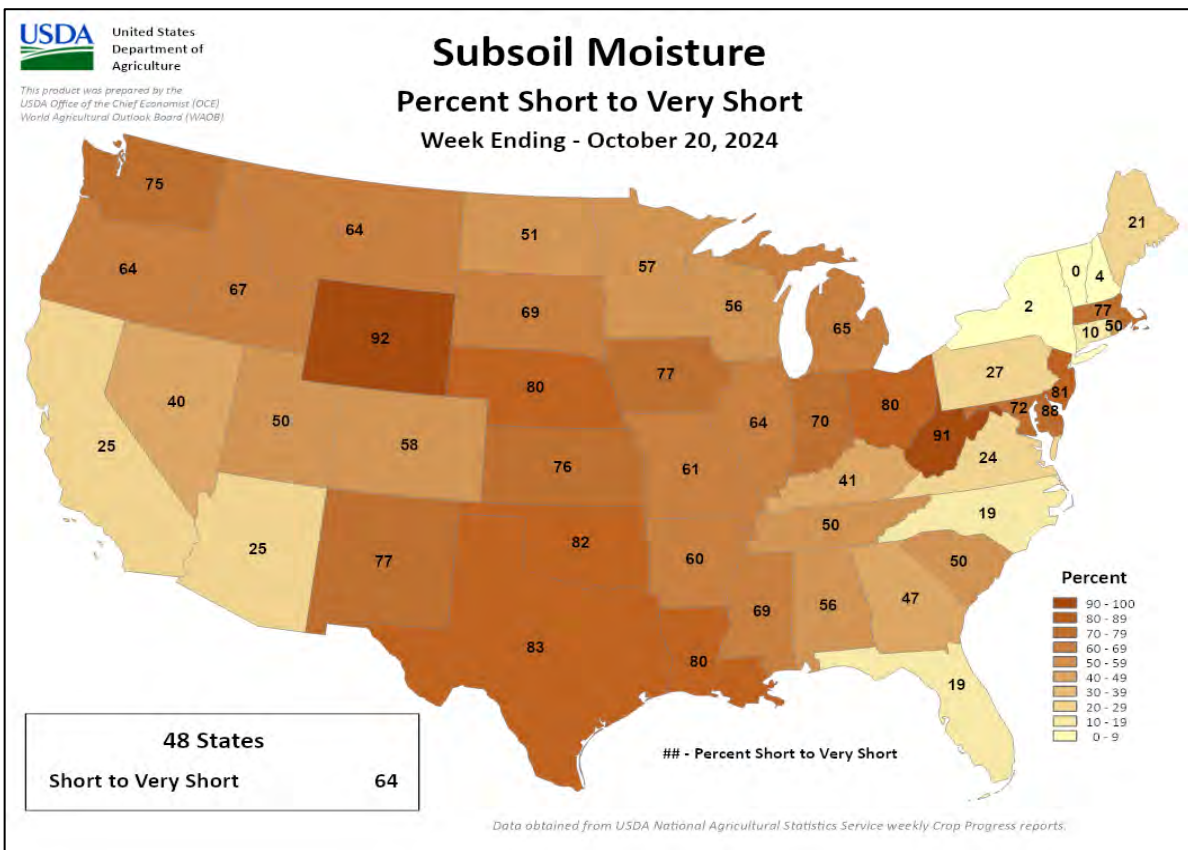
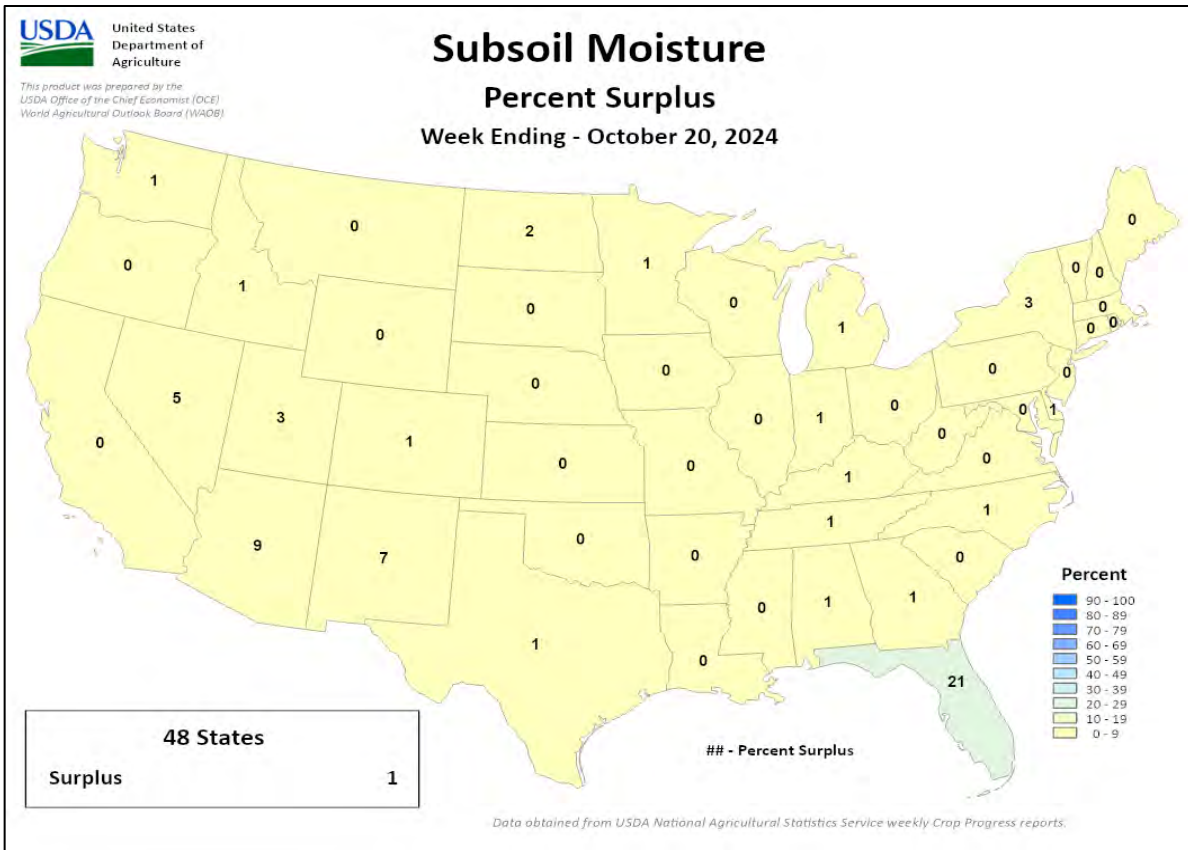
Crop Progress and Condition

Week Ending October 20, 2024



Crop Progress and Condition

Week Ending October 20, 2024



International Weather and Crop Summary

October 13-19, 2024

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

HIGHLIGHTS

EUROPE: Widespread moderate to heavy showers continued across western and central portions of the continent, while dry but chilly conditions lingered over southeastern Europe.

WESTERN FSU: Much-needed rain eased drought from eastern Ukraine into western Russia, while drier weather settled over western croplands.

MIDDLE EAST: Dry weather prevailed across most of the region, though torrential rain caused flooding along Turkey's Black Sea Coast.

SOUTH ASIA: Showers continued across the southern half of India, despite reports of the complete withdrawal of the southwest monsoon.

EAST ASIA: Additional rainfall in eastern China benefited winter crop establishment.

SOUTHEAST ASIA: Widespread showers across the region slowed ripening of the current season's rice crop but ensured favorable moisture supplies for the next cropping season.

AUSTRALIA: Showers helped maintain winter crop prospects in the east and stabilized yield prospects in the south.

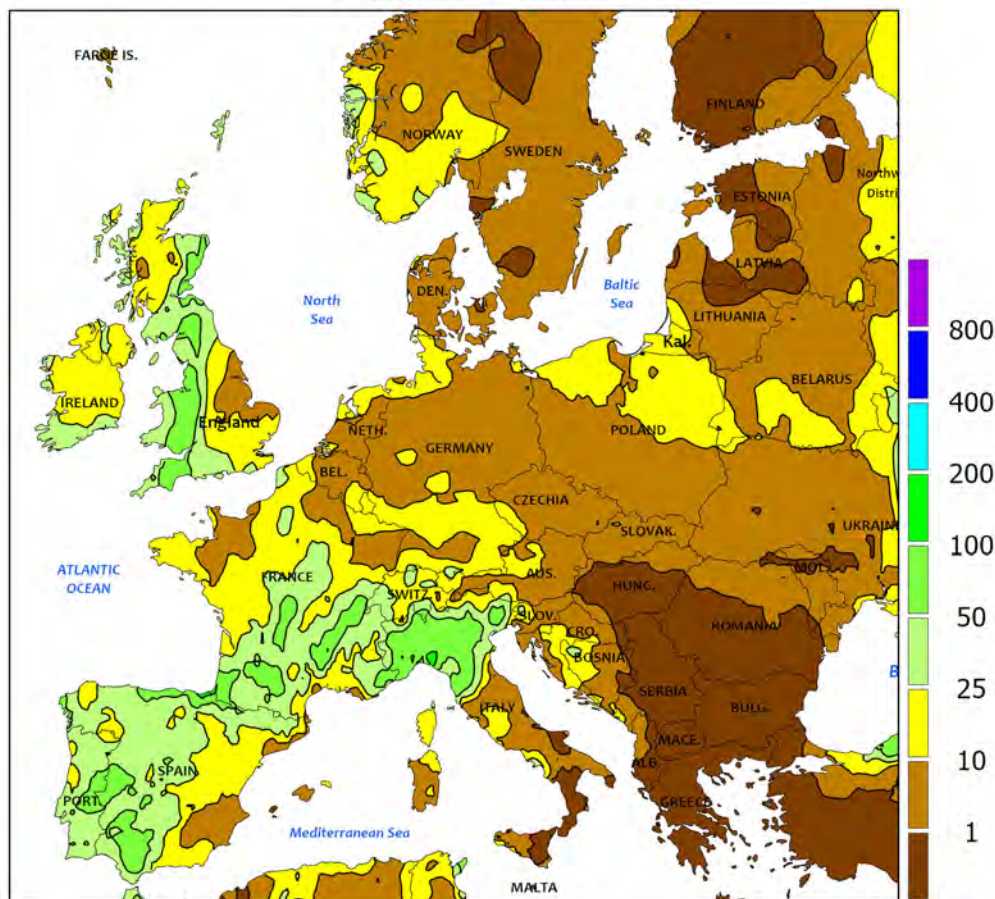
ARGENTINA: Locally heavy showers further improved crop prospects in previously dry farming areas.

BRAZIL: Seasonal showers expanded across key soybean areas in central and northeastern Brazil.

MEXICO: Beneficial rain continued along the Gulf Coast, as warm, sunny weather promoted maturation of summer crops across the southern plateau.



EUROPE
Total Precipitation(mm)
October 13 - 19, 2024



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

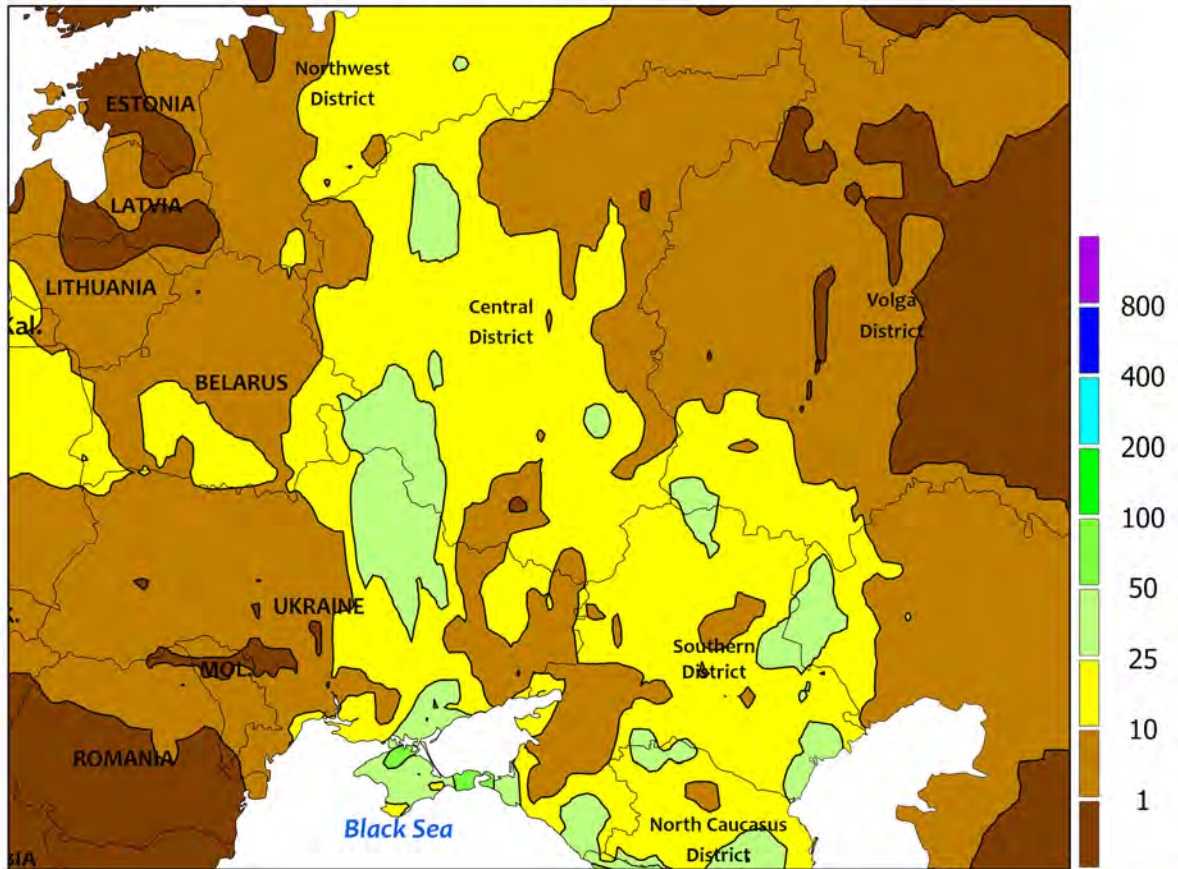


EUROPE

Widespread moderate to heavy showers continued across much of western and central Europe, while dry but colder conditions prevailed in southeastern croplands. The recent multi-week stretch of wet weather persisted, with 10 to 75 mm of rainfall reported from England, France, and Spain eastward into Poland and the Baltic States. While moisture supplies remained favorable to locally excessive for winter crops, some producers need a break from the wetness to finalize summer crop harvesting. The rain was heavy to locally excessive (75-200 mm) over southwestern Spain, southern France, and northern Italy; there were some reports in Italy of nearly 400 mm courtesy of the European Severe Weather Database

(ESWD), which caused flooding and damage to infrastructure. In contrast, dry weather returned to southeastern Europe, renewing drought concerns in Hungary and the central Danube River Valley. The southeastern dryness was accompanied by temperatures up to 2°C below normal, with frosty weather (as low as -2°) reported in some easternmost croplands. Conversely, anomalous warmth (2-6°C above normal) returned to much of western and central Europe save for a pocket of chilly weather in southwestern Spain (1-3°C below normal). Despite the eastern cold spell, 7-day average temperatures remained well above 5°C (an indicator of crop dormancy) across the entire continent.

WESTERN FSU
 Total Precipitation(mm)
 October 13 - 19, 2024



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

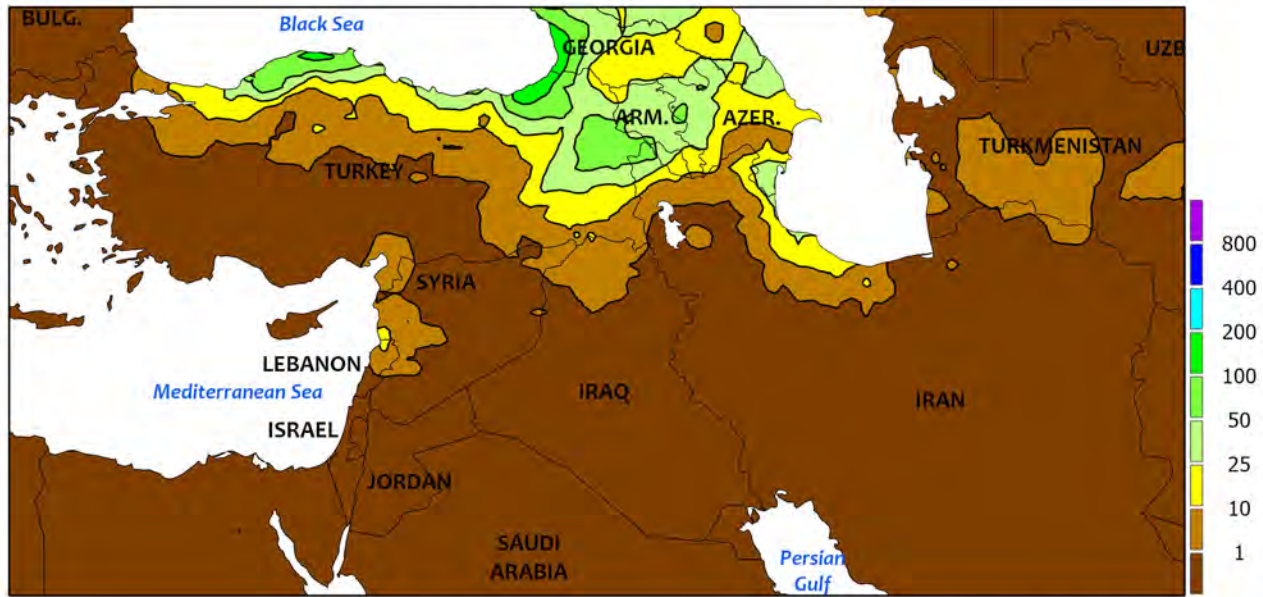


WESTERN FSU

The blocking high which had persisted over western Russia for weeks finally relented, allowing sorely needed rain to overspread central and eastern croplands. The first significant rain in months arrived over eastern Ukraine and western Russia. Rainfall totaled 10 to 50 mm over many of these winter crop areas, though pockets of drier weather (less than 10 mm) were noted in the southwestern Central District (Belgorod Oblast) as well as the southern portions of the Southern District (northern Krasnodar Krai into the southern Rostov Oblast). This was the first measurable rainfall since the first week of August in many of the

drought-afflicted croplands of Russia and eastern Ukraine. Meanwhile, dry weather replaced recent wetness across the western half of the region, favoring late summer crop harvesting and winter crop establishment. Despite the drought-easing rain in the east, the satellite-derived Vegetation Health Index (VHI) continued to depict poor to abysmal crop vigor over eastern Ukraine and much of Russia; the eastern drought is far from over, and more rain will be needed to ensure uniform winter crop establishment. Conversely, the VHI continued to improve in Moldova and western Ukraine due to recent rain.

MIDDLE EAST
Total Precipitation(mm)
October 13 - 19, 2024



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

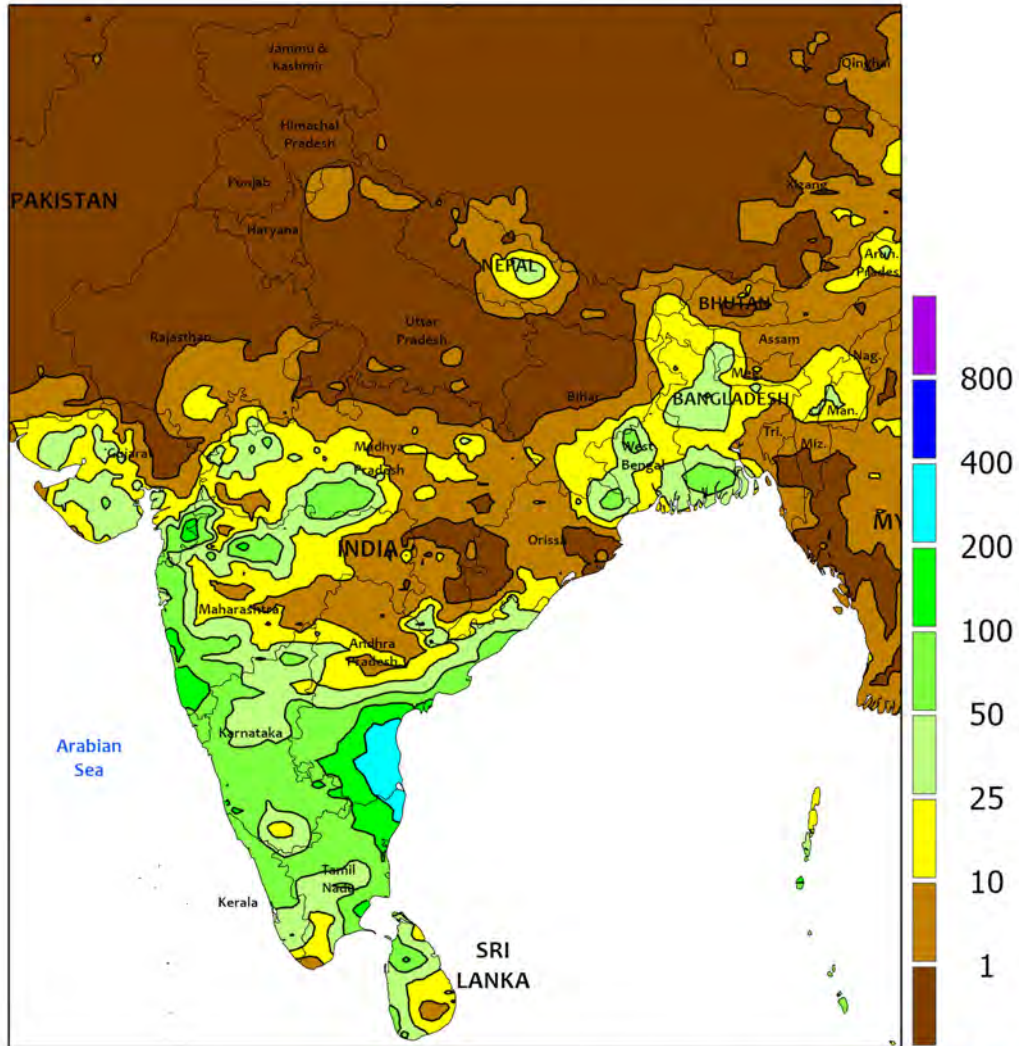


MIDDLE EAST

Dry weather prevailed across most of the region, though torrential rain fell along the Black Sea Coast. Outside of spotty showers along the Mediterranean Coast, sunny skies and near-normal temperatures over western, central, and southern Turkey facilitated winter grain sowing and emergence. Farther north,

however, heavy to excessive rain caused localized flooding on the central (90-185 mm) and northeastern (200-265 mm) Turkish Black Sea Coast. Meanwhile, dry but very warm weather (2-4°C above normal) from Syria into Iran encouraged field preparations in advance of winter wheat and barley sowing.

SOUTH ASIA
Total Precipitation(mm)
October 13 - 19, 2024



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

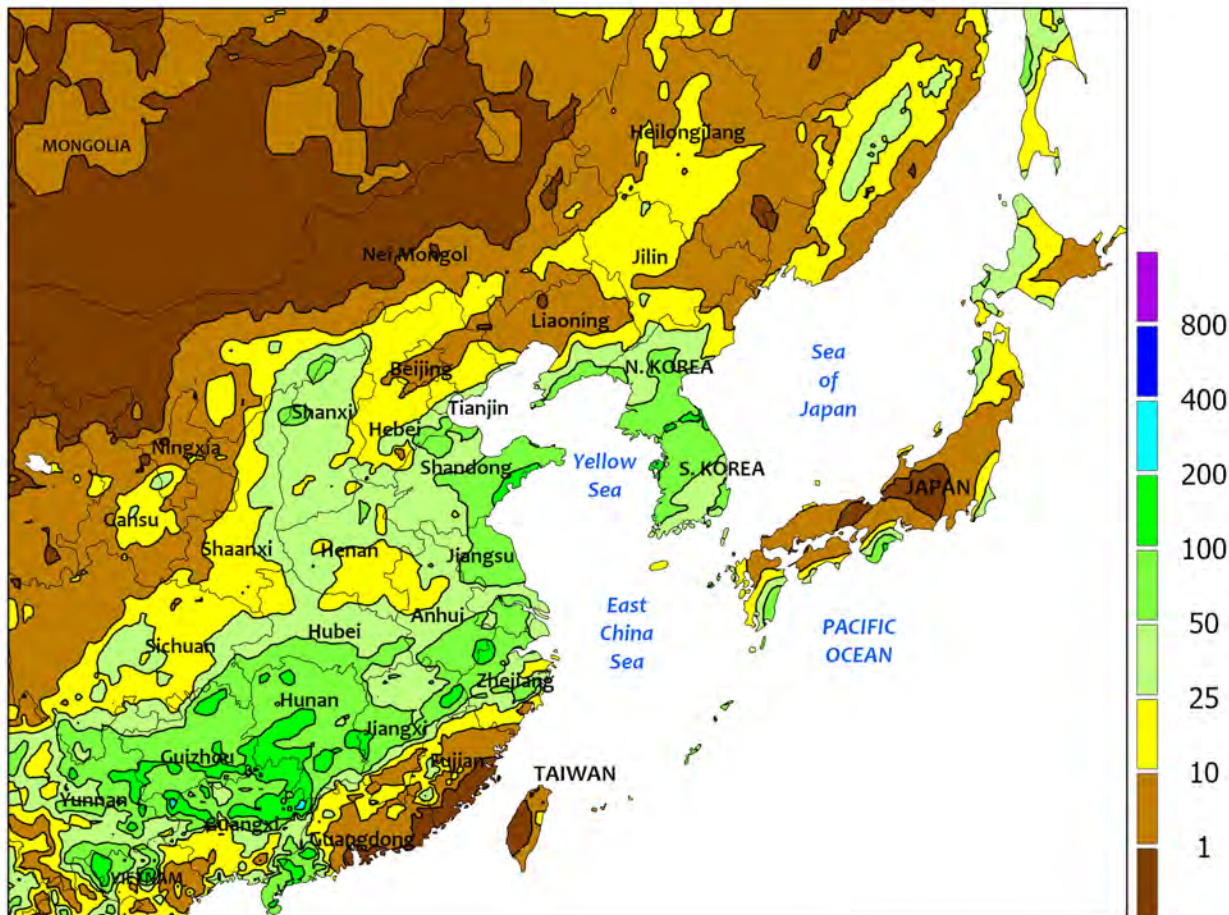


SOUTH ASIA

Despite the reports of the southwest monsoon entirely withdrawing from India, showers continued across a large swath of the country. The highest totals (exceeding 50 mm) were most widespread in the south but also occurred locally from Gujarat to West Bengal. While the rainfall was

unwelcome for maturing kharif crops, it bolstered moisture supplies ahead of the rabi season (beginning in early November). Elsewhere, seasonably hot, dry weather prevailed in northern India into Pakistan, facilitating harvesting of rice and cotton.

EASTERN ASIA
Total Precipitation(mm)
October 13 - 19, 2024



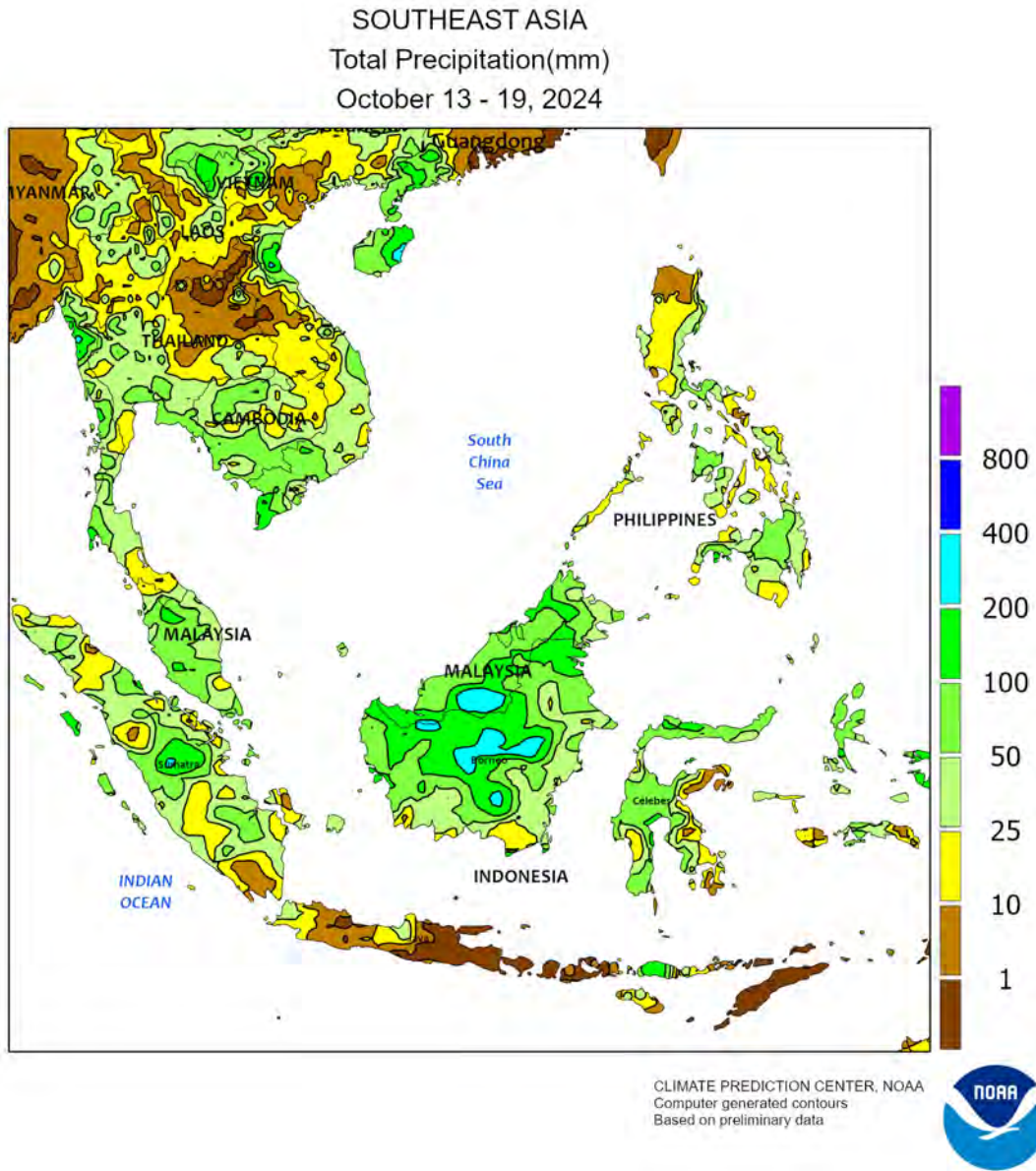
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



EASTERN ASIA

A steady parade of showers in eastern China brought 10 to 50 mm, with locally higher amounts, to most winter crop areas. The rainfall maintained ample soil moisture for wheat planting and establishment on the North China Plain while

improving overall moisture conditions for rapeseed in the Yangtze Valley. Furthermore, unseasonable warmth (up to 4°C above normal) promoted germination and emergence of newly sown winter crops.

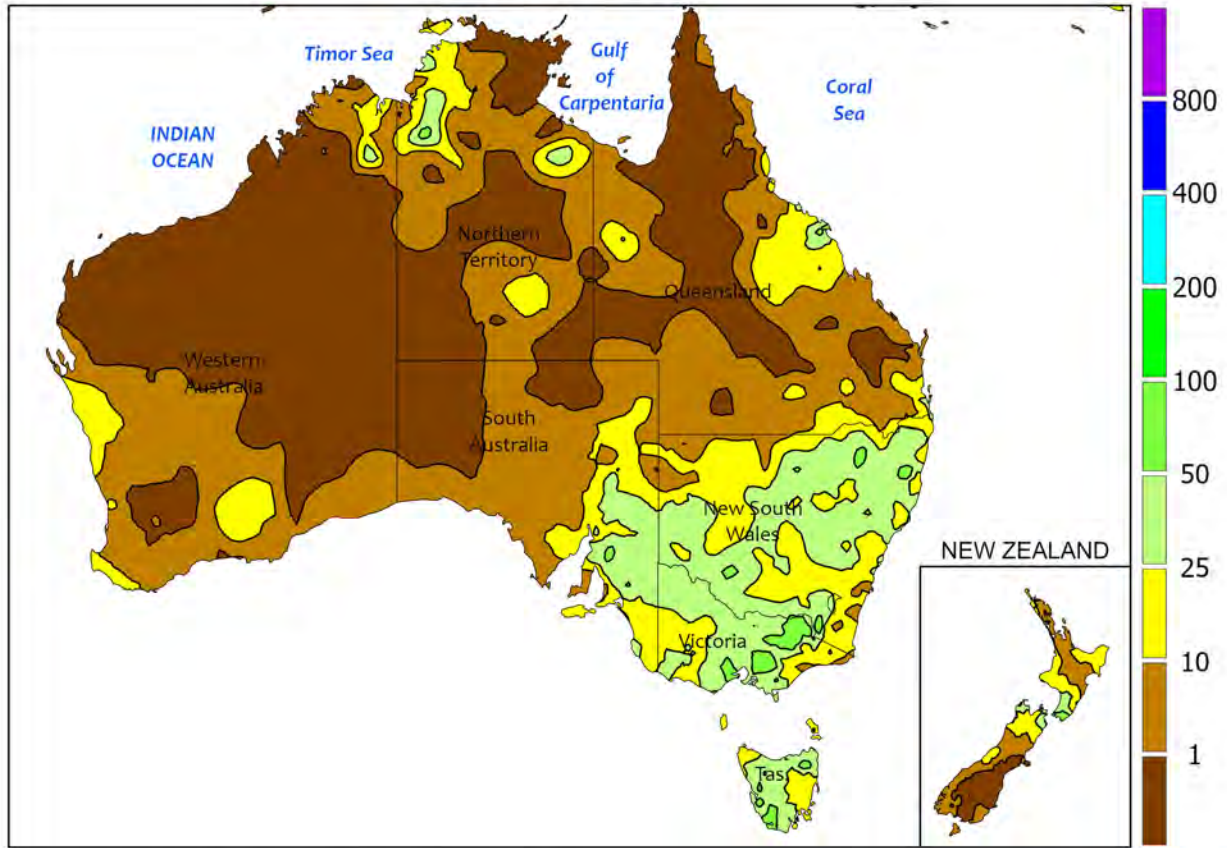


SOUTHEAST ASIA

Showers prevailed across a large stretch of the region. Much of the Philippines and most sections of Indochina recorded 25 to 100 mm of rain, bolstering irrigation supplies ahead of dry-season rice sowing but slowing ripening of the current wet-season crop. Meanwhile, heavy rainfall (50-200 mm or more) in Malaysia and

neighboring portions of Indonesia slowed oil palm harvesting but maintained favorable soil moisture for trees. Elsewhere, precipitation was limited in Java, Indonesia, in all but westernmost districts, as growers begin paddy preparations for the wet-season crop; Java is the largest rice producer in Indonesia.

AUSTRALIA
Total Precipitation(mm)
October 13 - 19, 2024



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

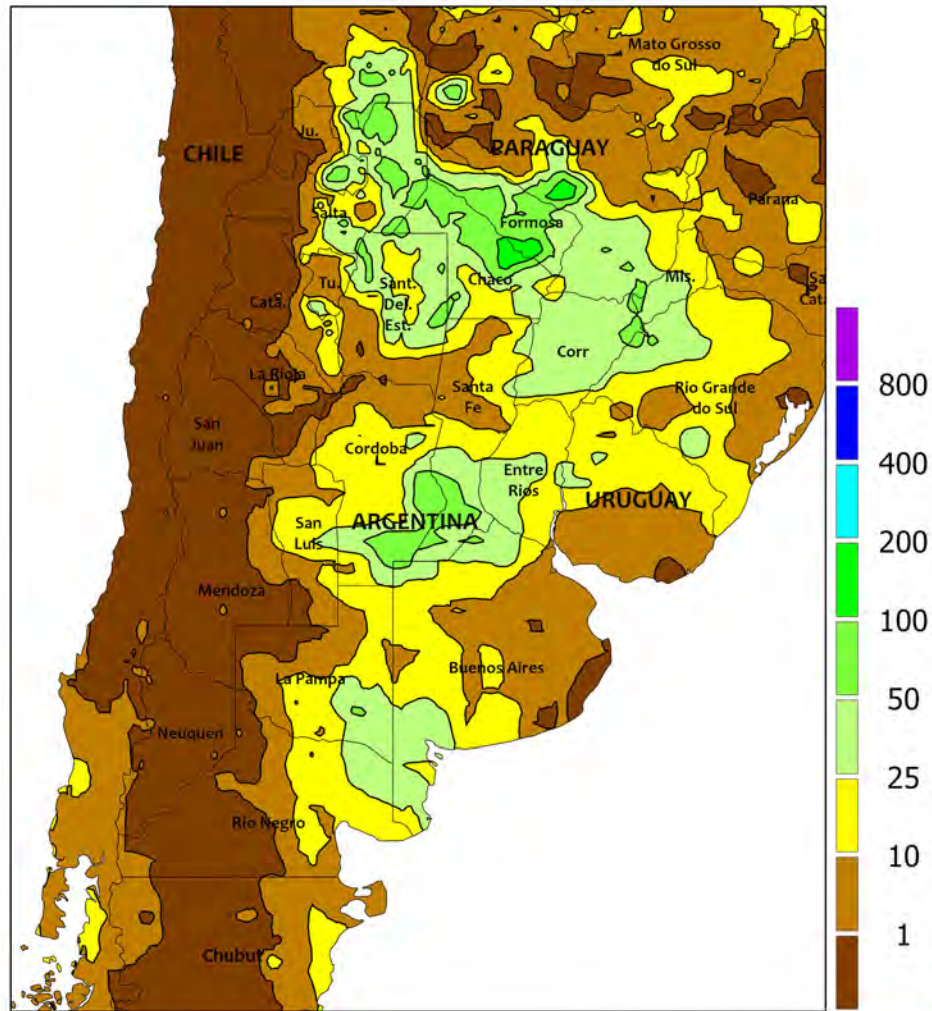


AUSTRALIA

In southern Queensland, a pocket of relatively dry weather favored winter wheat maturation and early harvesting and allowed summer crop planting to proceed at a brisk pace. Farther south, widespread showers (10-30 mm) in New South Wales likely caused temporary disruptions in summer crop sowing, but the rain maintained the good to excellent yield prospects of immature winter grains and oilseeds. Widespread showers (10-30 mm) overspread South Australia and Victoria as well, helping to avert further

reductions in yield potential, as winter crops plagued by frequent dryness advance through the filling stages of development. Elsewhere in the wheat belt, mostly dry, warmer-than-normal weather in Western Australia aided winter crop drydown and initial harvesting in the north and accelerated wheat, barley, and canola toward maturation in the south. Temperatures averaged 1 to 3°C above normal throughout much of Australia’s wheat belt, with maxima mostly in the upper 20s and lower 30s degrees C.

ARGENTINA
Total Precipitation(mm)
October 13 - 19, 2024



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

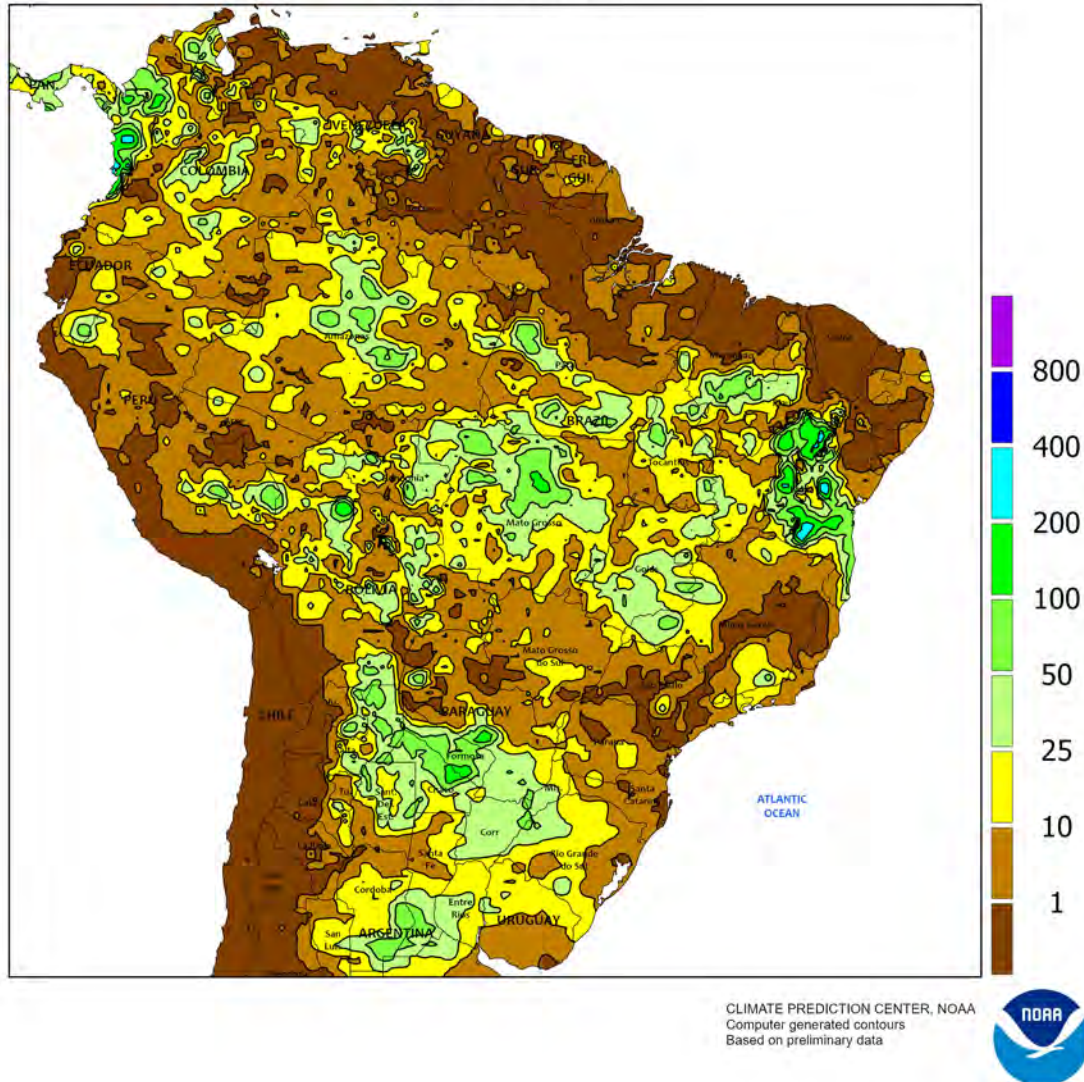


ARGENTINA

For a second consecutive week, locally heavy showers increased moisture reserves for immature winter grains and emerging summer crops in previously dry western farming areas. Rainfall totaling 10 to 75 mm covered a broad area of the country, with drier conditions (less than 10 mm) mostly confined to eastern Buenos Aires. The heaviest rainfall (greater than 50 mm) was concentrated over eastern Córdoba and in northern production areas (Salta and western sections of Chaco and Formosa), where the delayed arrival of seasonably heavier rain – and a prolonged period of unseasonable heat – resulted in drought stress on winter wheat and barley. Despite

the widespread rainfall, however, weekly temperatures remained above normal, with daytime highs reaching the lower 30s (degrees C) as far south as La Pampa. The unseasonable warmth maintained high crop moisture demands and evaporative losses on the drier days. According to the government of Argentina, sunflowers were 25 percent planted as of October 17, 3 points ahead of last year’s pace, while corn was 18 percent planted (equal to last year). The report also depicted wheat in Córdoba, Santa Fe, and Entre Rios as now mostly in the reproductive to filling stages of development, underscoring the timeliness of the recent rainfall.

BRAZIL
Total Precipitation(mm)
October 13 - 19, 2024

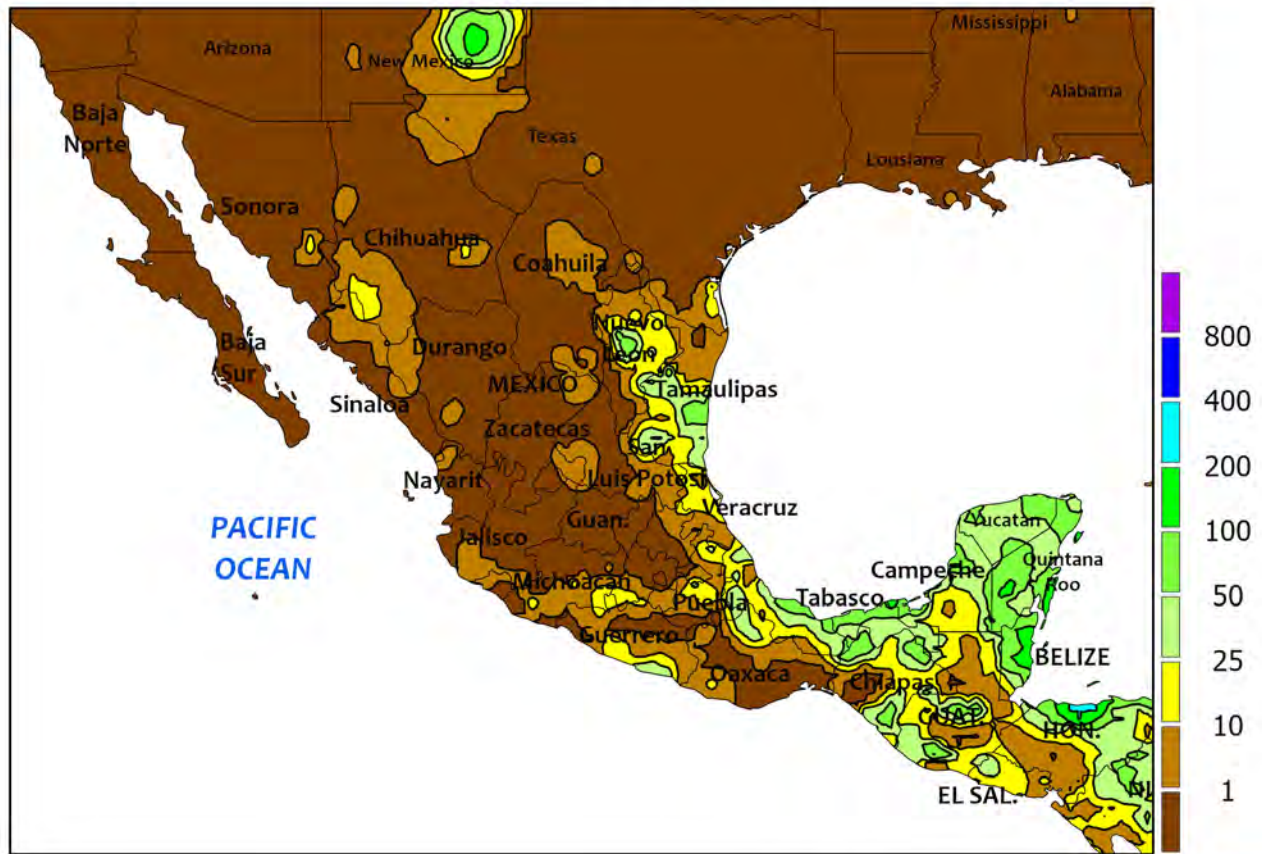


BRAZIL

Seasonal showers became more widespread across central Brazil, spurring a jump in soybean planting as more farmers received sufficient rainfall for germination. Rainfall totaled 10 to 75 mm across large sections of central Brazil and the northeastern interior, helping to alleviate dryness after a somewhat late arrival of summer rain. Despite the wetter pattern, hot weather (daytime highs reaching 40°C in spots) maintained high evaporative losses on the drier days, necessitating a continuation of seasonably heavy rain. According to the government of Mato Grosso, soybeans were 25 percent planted as of October 18, up 16 points from last week but still lagging the 5-year average pace of 44 percent. Farther south, showers were generally scattered and light, with

amounts mostly between 1 and 15 mm from Mato Grosso do Sul and southern Minas Gerais to Rio Grande do Sul. Highest daytime temperatures ranged from the middle and upper 30s (degrees C) in and around Mato Grosso do Sul to the upper 20s in the southernmost farming areas of Rio Grande do Sul. While conditions favored drydown and harvesting of wheat, additional rain was needed as summer crop planting becomes more widespread. According to the government of Paraná, wheat was 79 percent harvested as of October 14, while first-crop corn and soybeans were 90 and 41 percent planted, respectively. In Rio Grande do Sul, corn was reportedly 65 percent planted as of October 17, and wheat was mostly filling to maturing, with 3 percent harvested.

MEXICO
Total Precipitation(mm)
October 13 - 19, 2024



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



MEXICO

Showers rimmed the Gulf Coast, but mostly dry weather dominated central and western portions of the country. The heaviest rain (25-100 mm) fell in the southeast (southern Veracruz to the Yucatan Peninsula), providing a late-season boost to reservoir levels for winter cropping. Similar amounts were recorded in and around southern Tamaulipas, although showers were patchier and lighter elsewhere along the coast.

Meanwhile, mostly dry, warm weather favored maturing summer crops across the southern plateau corn belt (Jalisco to Puebla), and in major farming areas of central and northwestern Mexico. Daytime highs reaching the upper 30s (degrees C) maintained high evaporative losses in northwestern watersheds, which recorded only isolated showers in excess of 10 mm.

Days Suitable for Fieldwork

Week Ending
October 20, 2024

