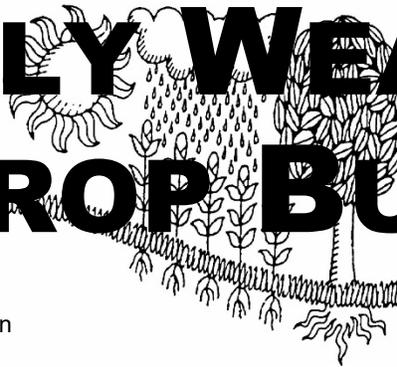
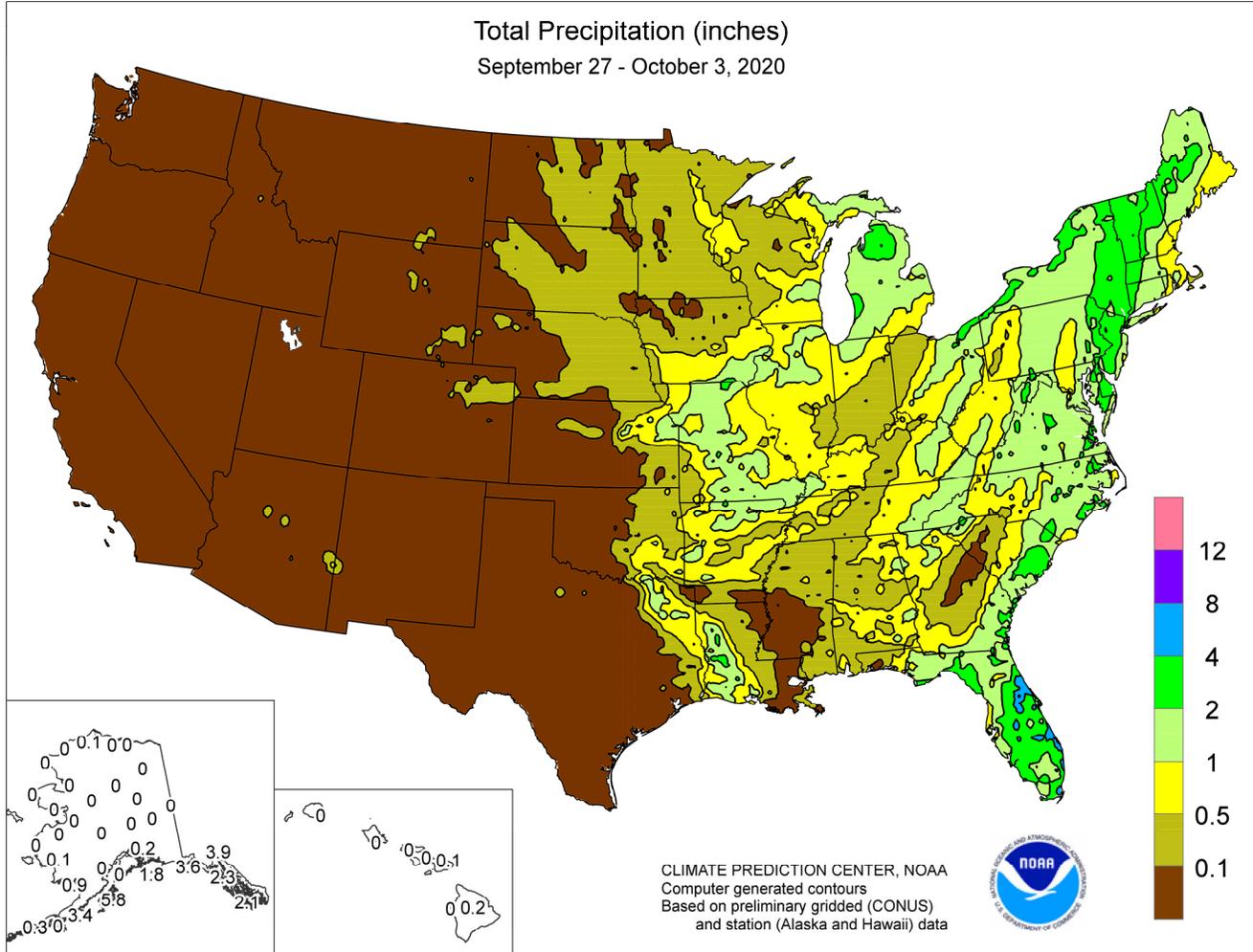


WEEKLY WEATHER AND CROP BULLETIN



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

September 27 – October 3, 2020

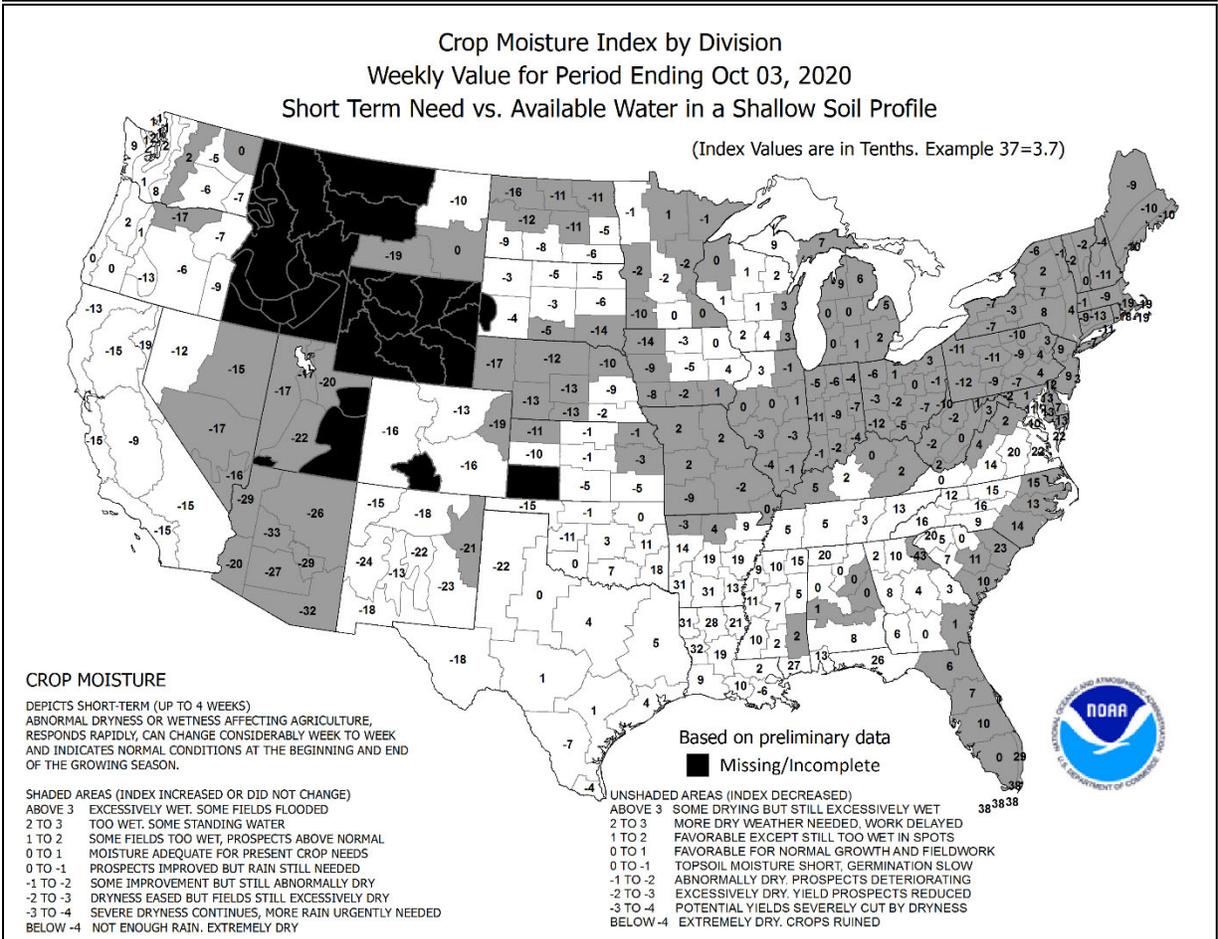
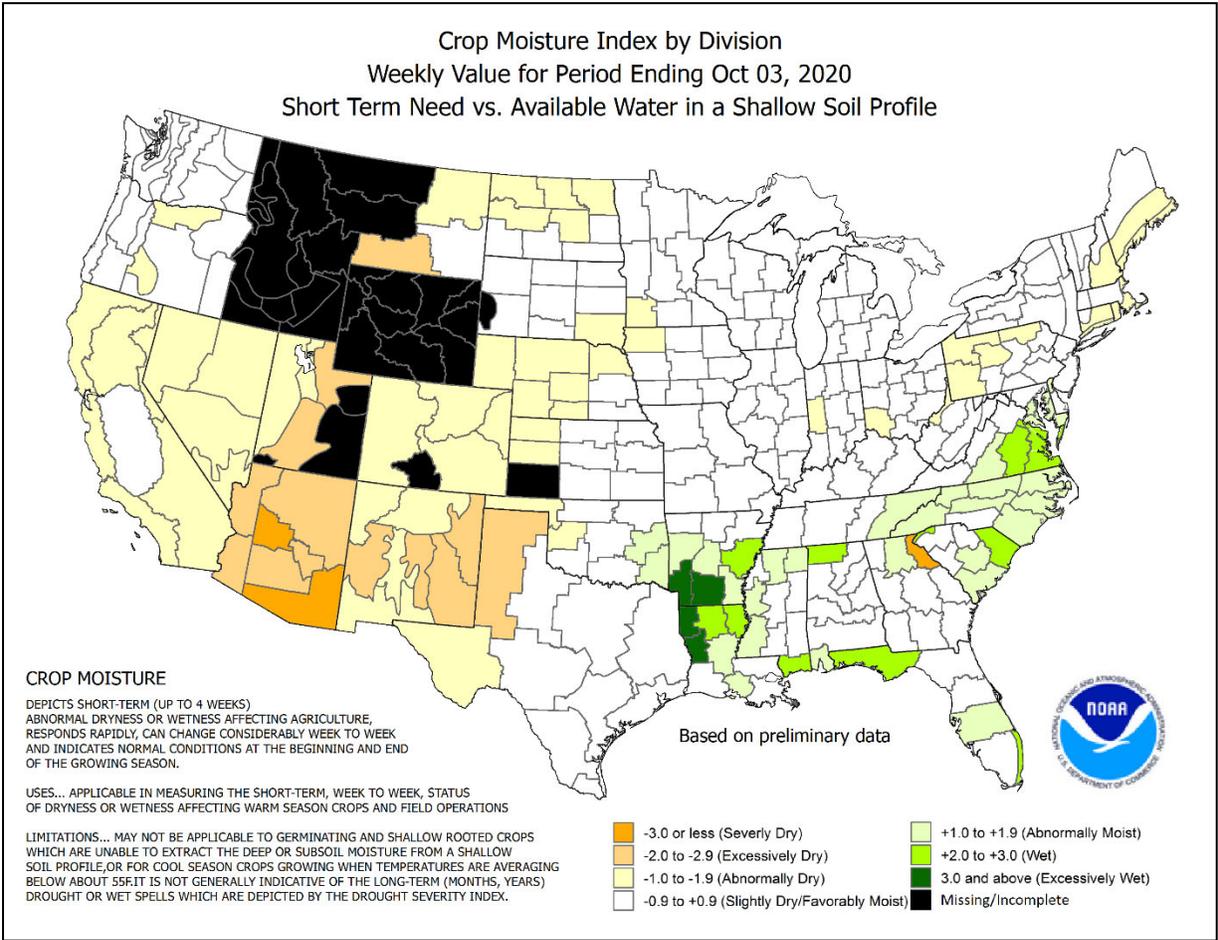
Highlights provided by USDA/WAOB

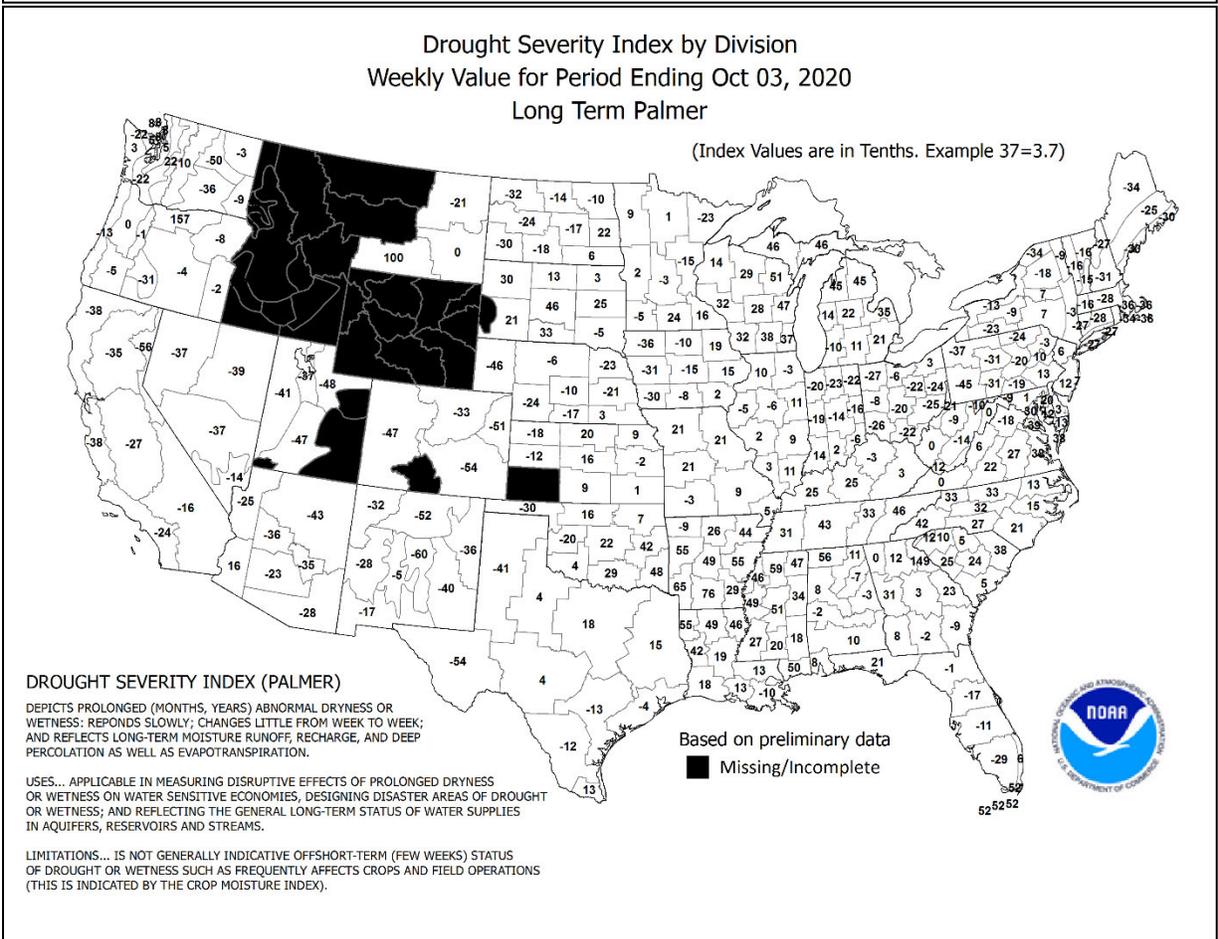
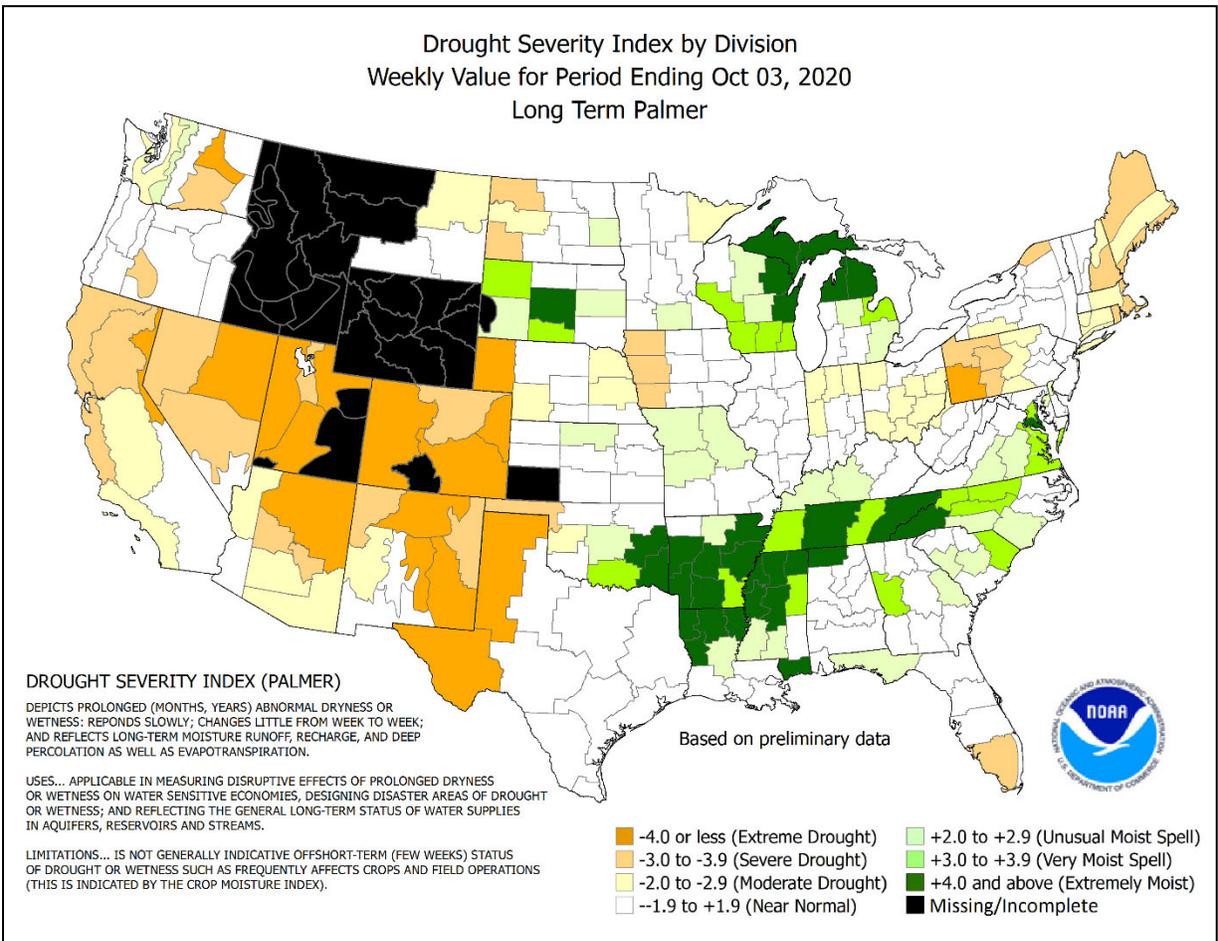
Completely dry weather dominated the **western half of the country**, contributing to another wave of wildfires and leading to further drought intensification. In addition, weekly temperatures averaged at least 10°F above normal in portions of the **Pacific Coast States**. Dryness extended eastward across the **Plains**, favoring summer crop maturation and harvesting, as well as winter wheat planting. However, ongoing dryness across the **High Plains** limited moisture for wheat germination and establishment. The **Midwest** also experienced several

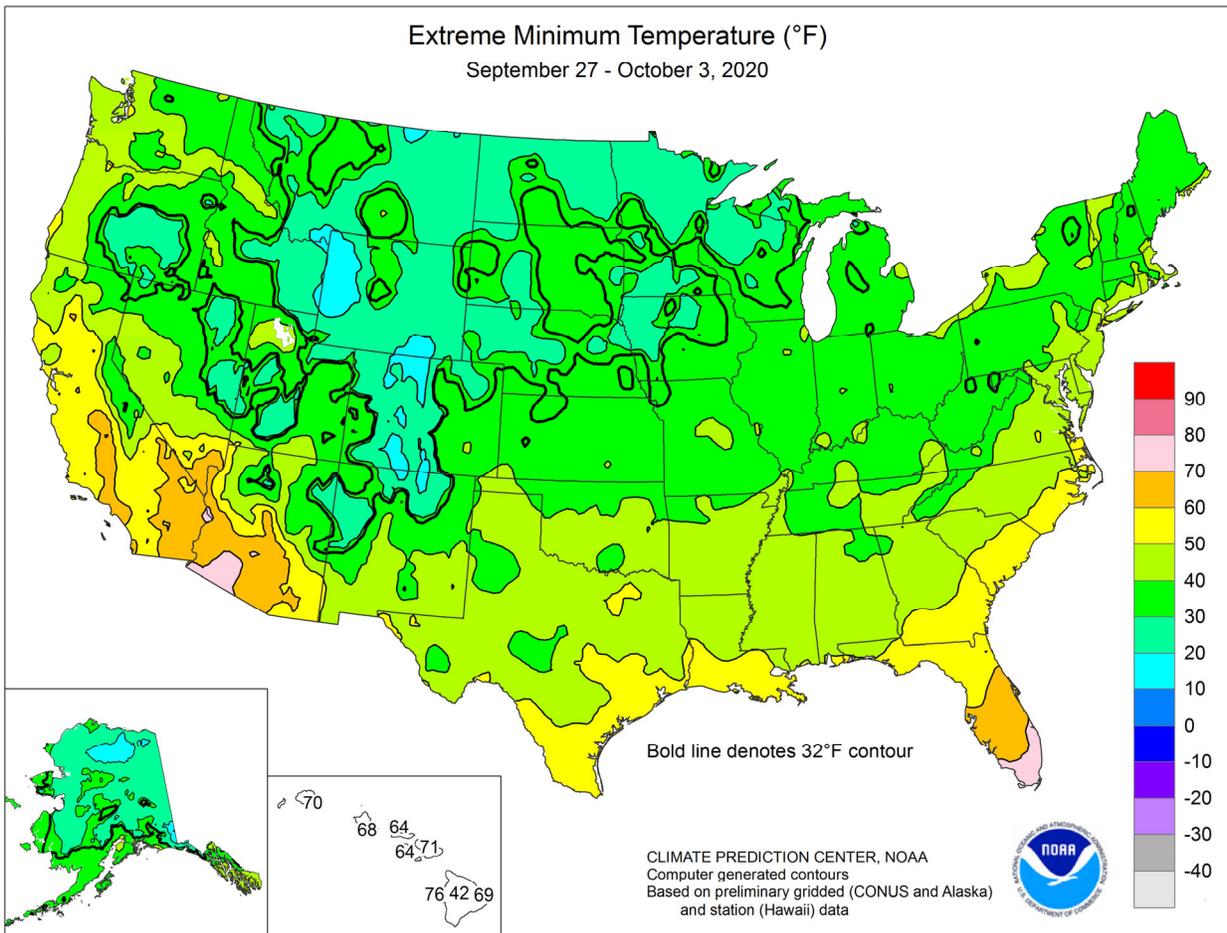
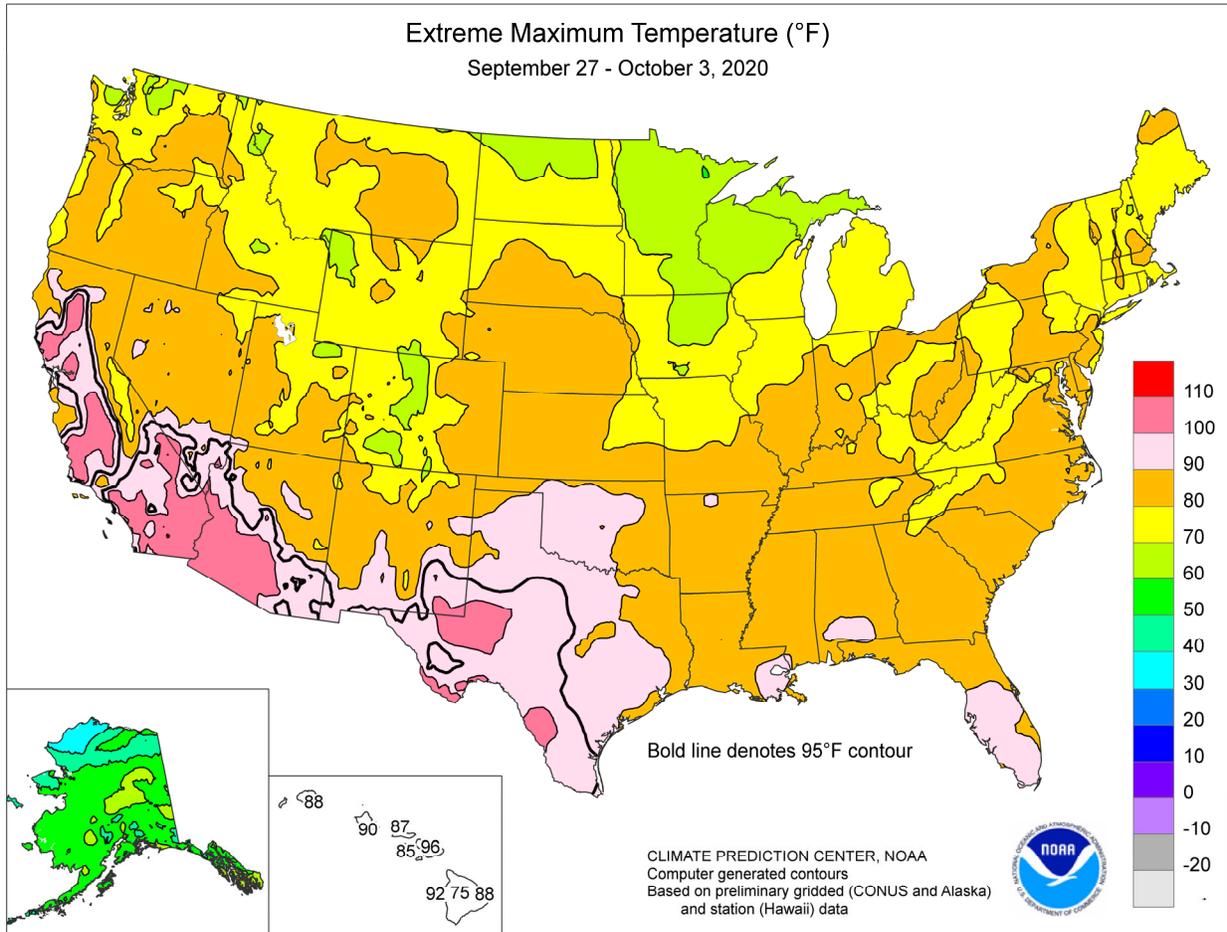
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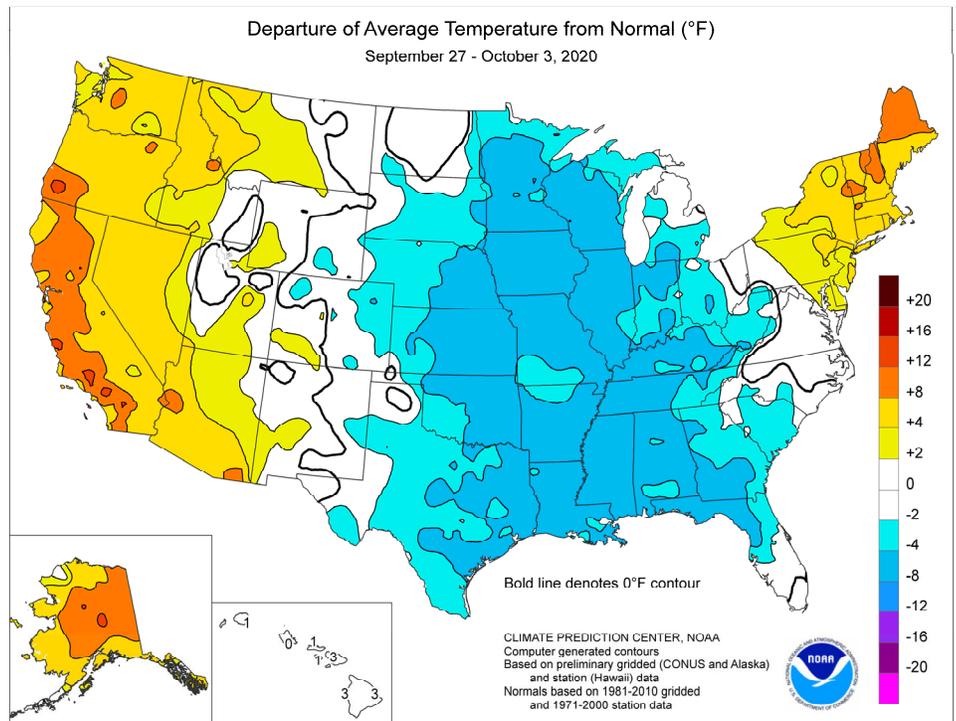


(Continued from front cover)

days of dry, albeit cool, weather, allowing corn and soybean harvesting to advance. Scattered **Midwestern** showers arrived late in the week, although most locations received less than an inch. Mostly dry weather also returned across much the **South**, following soaking rainfall events associated with Hurricane Sally and Tropical Storm Beta. Temperatures averaged as much as 10°F below normal in the **mid-South** and **Midwest**. Elsewhere, locally heavy rain at the end of September provided some drought relief in the **Northeast**, following a warm week (as much as 10°F above normal in **northern Maine**), while a persistent plume of tropical moisture maintained cloudy, showery conditions across **Florida's peninsula**.

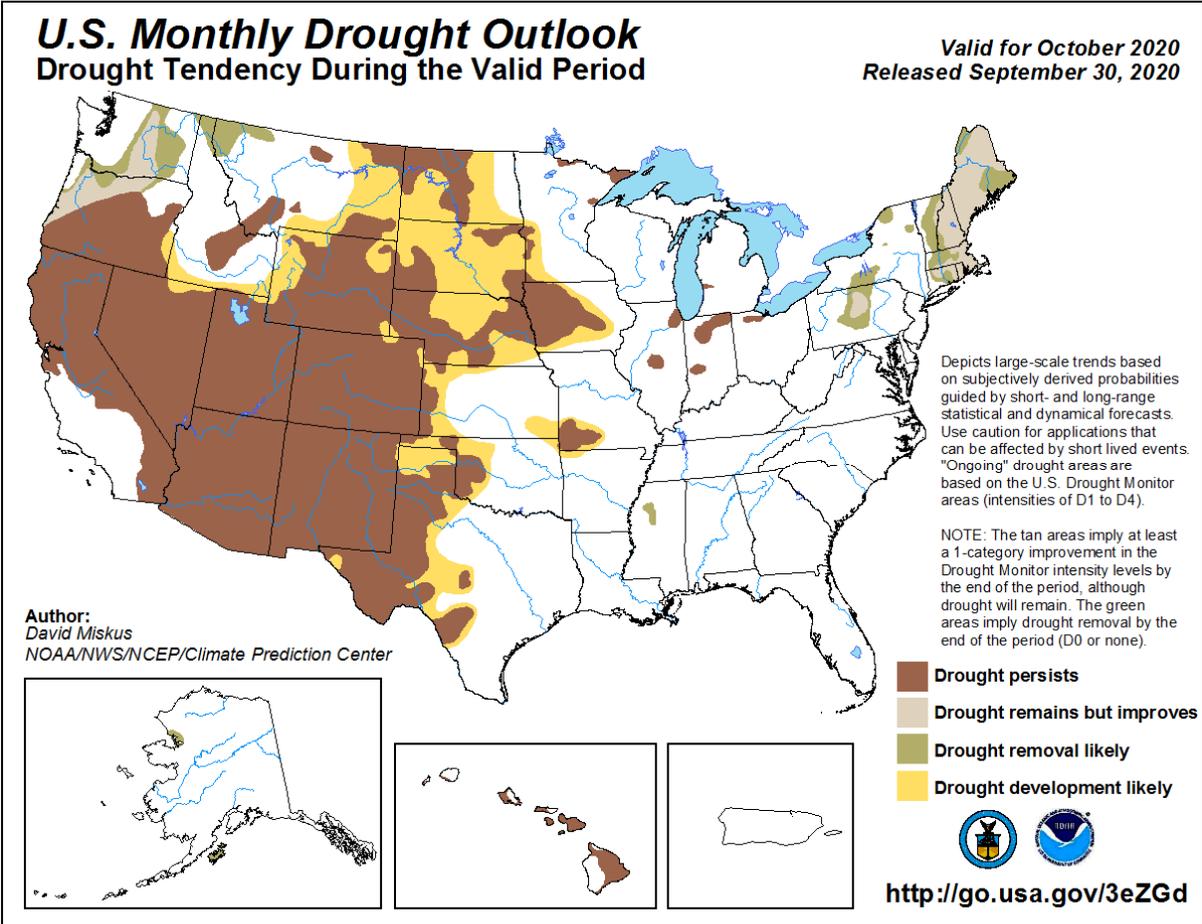
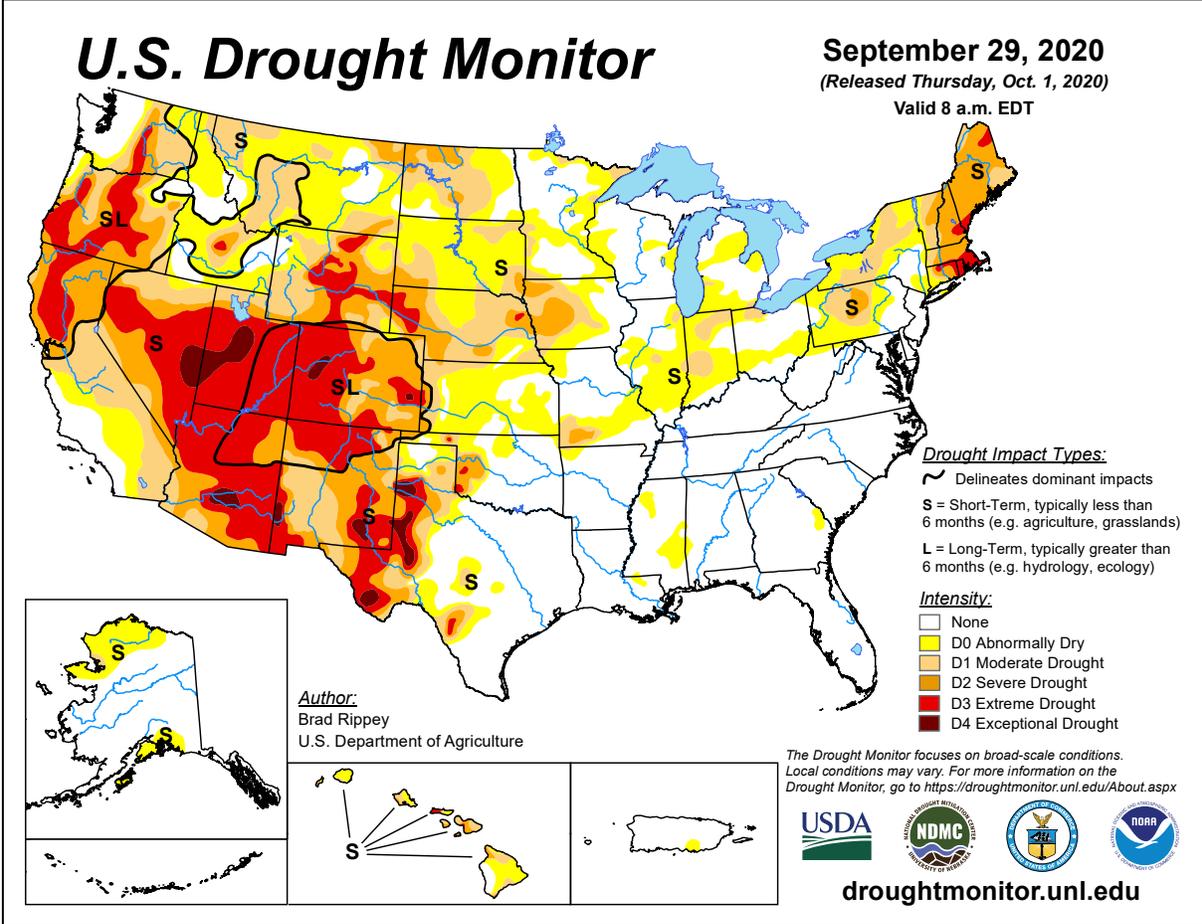
Heat lingered early in the week across the **southern High Plains**, where daily-record highs for September 27 soared to 103°F in **Midland, TX**, and 101°F in **Roswell, NM**. That marked **Roswell's** 65th day this year with triple-digit heat, breaking the 2011 annual record of 60 days. Meanwhile in **Oregon**, **Medford's** 99-day spell without measurable precipitation—the seventh-longest such streak on record in that location—had ended (with a 0.05-inch total) on September 24. However, heat persisted in **Medford** (and elsewhere in the **Far West**). In fact, **Medford** posted consecutive daily-record highs of 98°F on September 28 and 29. As the week progressed, triple-digit, daily-record highs were common across **California**, where the Glass and Zogg Fires quickly consumed more than 50,000 acres of vegetation after being started on September 27 and the August Complex—the largest wildfire in modern state history—surpassed 1 million acres. On September 28, daily-record highs included 103°F in **King City** and 102°F in **San Jacinto**. **Eureka, CA**, typically cooled by the Pacific Ocean, tied monthly and all-time records on September 28 with a high of 87°F. Previously, **Eureka** attained 87°F on September 2, 2017. Heat further expanded by September 29, when daily-record highs in **California** surged to 104°F in **Paso Robles** and 102°F in **Fresno**. On the last day of September, highs of 109°F in **Yuma, AZ**; 108°F in **Imperial, CA**; 106°F in **Paso Robles**; and 102°F in **Sacramento, CA**, were among a large number of triple-digit, daily-record highs. Monthly record high temperatures were tied or broken on October 1 in several locations, including **Phoenix, AZ** (107°F), and **Redding, CA** (106°F). **Tucson, AZ**, attained 103°F on October 1 and 2, breaking the monthly record of 102°F set on October 3, 1993, and October 1, 2010. In contrast, a strong surge of cold air resulted in freezes that ended the growing season across parts of the **upper Midwest**. The freezes occurred roughly on schedule to a few days earlier than normal, with negligible impacts on summer crops that were already mature or nearly so. By October 2, as cold air settled southward, daily-record lows were tied in locations such as **Joplin, MO** (37°F), and **Oklahoma City, OK** (41°F). However, warmth lingered across **New England**, where **Caribou** experienced a daily-record high of 83°F on September 29. With 57 days of 80-degree warmth this year, **Caribou** has broken its 1999 annual record of 51 days.

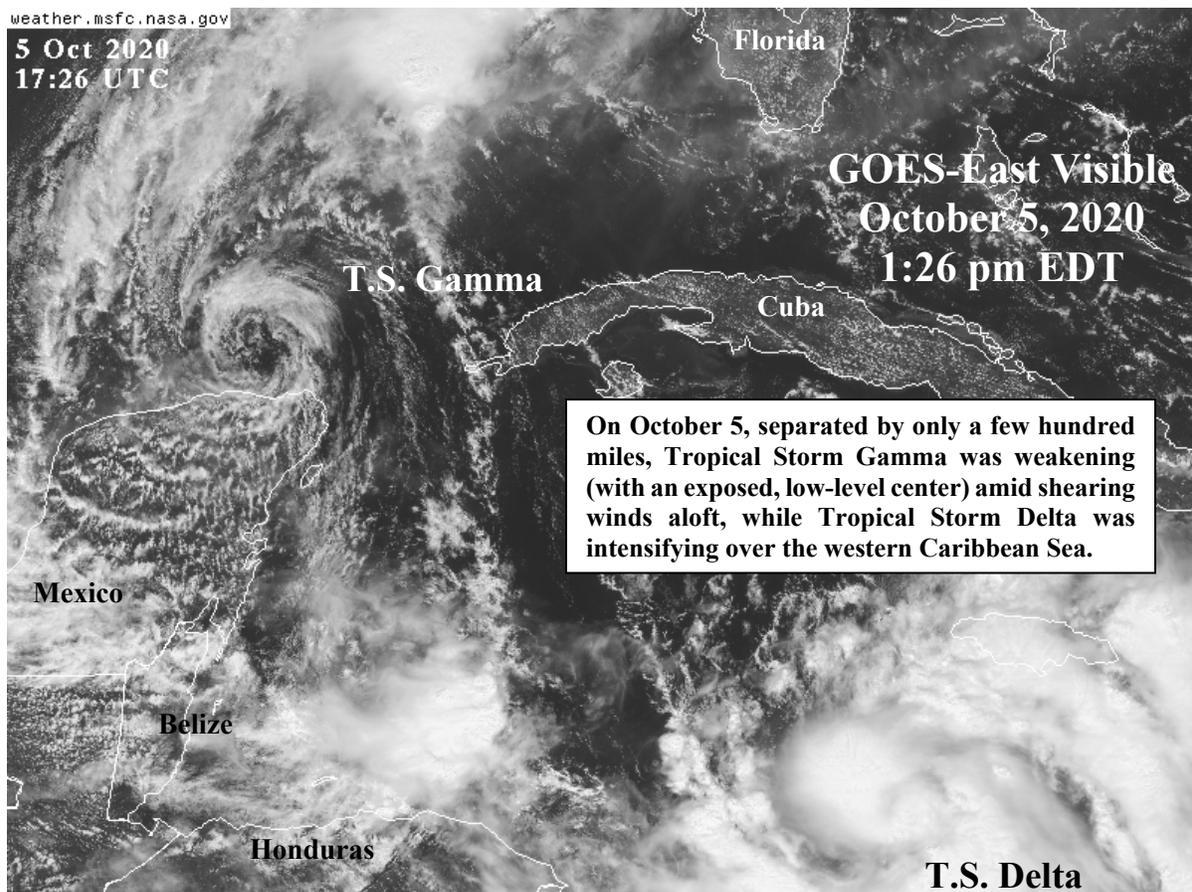
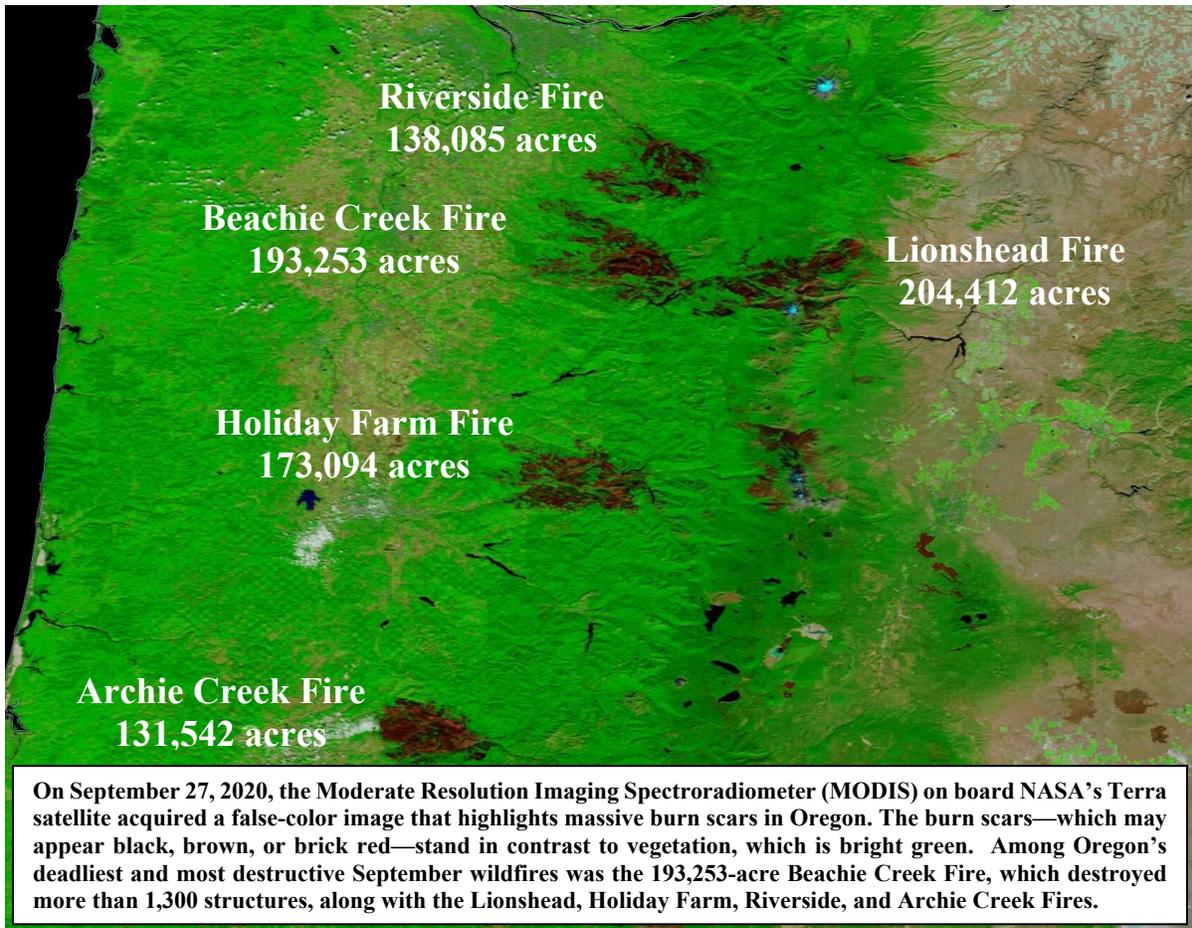
Having last received measurable rain on April 20, **Las Vegas, NV**, continued to set dry-spell records. By October 3, **Las Vegas'** streak without measurable rain reached 166 days, compared to the previous



mark of 150 days set from February 22 – July 21, 1959. Meanwhile in **Arizona**, the driest monsoon (June 15 – September 30) season on record ended in locations such as **Flagstaff** (1.78 inches, or 21 percent of normal) and **Seligman** (0.34 inch, or 6 percent). In contrast, locally heavy showers dotted **Florida**, where **Apalachicola** was drenched with 7.95 inches on September 27. Later, record-setting **Florida** totals for October 1 included 4.33 inches in **Fort Pierce** and 3.58 inches in **West Palm Beach**. In late September, locally heavy showers swept from the **mid-South into the Northeast**. In **Kentucky**, daily-record amounts for September 28 reached 1.33 inches in **Paducah** and 1.27 inches in **London**. Two days later, **Trenton, NJ**, netted a record-setting amount (1.57 inches) for September 30. During the last 3 days of September, rainfall topped 2 inches in **Northeastern** locations such as **Glens Falls, NY** (2.52 inches); **Montpelier, VT** (3.47 inches); and **Pittsfield, MA** (4.18 inches). In **Maine**, however, September rainfall totaled less than an inch in **Bangor** (0.28 inch, or 7 percent of normal); **Houlton** (0.50 inch, or 15 percent); and **Portland** (0.68 inch, or 18 percent). **Bangor** and **Houlton** set September records for dryness; previous records had been 0.64 inch in 1929 and 0.66 inch in 1950, respectively.

Mild weather in **Alaska** resulted in several daily records, including September 30 highs of 70°F in **Sitka** and 60°F in **Anchorage**. Most of the **Alaskan mainland** experienced dry weather, but locally heavy precipitation fell across the state's southern tier. During the last 4 days of September, **Sitka** received rainfall totaling 1.62 inches. Precipitation in **southeastern Alaska** was especially heavy on September 27, when daily-record amounts included 2.51 inches in **Haines** and 1.69 inches in **Klawock**. Meanwhile, **Kodiak** received a weekly (September 27 – October 3) sum of 5.75 inches. Farther south, warm, dry weather dominated **Hawaii**. Multiple daily records were set or tied on October 3, when highs rose to 96°F in **Kahului, Maui**, and 89°F in **Lihue, Kauai**. The only other time **Kahului** attained 96°F after the end of September was October 5, 1973. On the **Big Island**, daily-record highs in **Hilo** climbed to 88°F on September 30 and October 3. September rainfall totaled just 0.07 inch (10 percent of normal) in **Honolulu, Oahu**, while **Hilo** received 8.79 inches (88 percent).





National Weather Data for Selected Cities

Weather Data for the Week Ending October 3, 2020

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	56	47	60	44	51	8	0.35	-0.31	0.16	2.00	62	13.63	108	82	60	0	0	4	0
AK BARROW	33	32	35	30	33	6	0.17	0.04	0.09	0.72	91	4.00	98	93	84	0	4	5	0
AK FAIRBANKS	60	38	67	31	49	12	0.00	-0.21	0.00	1.27	105	10.70	120	80	39	0	1	0	0
AK JUNEAU	55	44	57	39	49	2	3.80	1.63	1.89	6.07	63	52.89	123	96	79	0	0	5	2
AK KODIAK	53	45	55	38	49	4	5.80	3.79	1.52	11.67	142	35.38	64	92	70	0	0	7	5
AK NOME	49	38	54	30	44	7	0.14	-0.33	0.06	2.47	93	12.77	96	84	60	0	2	3	0
AL BIRMINGHAM	78	53	87	44	66	-4	0.06	-0.82	0.06	1.06	25	61.55	148	90	37	0	0	1	0
AL HUNTSVILLE	75	50	83	40	63	-6	0.42	-0.41	0.42	4.06	100	58.57	145	95	42	0	0	1	0
AL MOBILE	81	55	89	48	68	-5	0.22	-0.81	0.22	5.87	106	48.89	92	93	38	0	0	1	0
AL MONTGOMERY	81	54	89	44	67	-4	0.36	-0.40	0.17	5.38	126	56.60	138	92	40	0	0	3	0
AR FORT SMITH	79	50	87	44	64	-4	0.41	-0.53	0.40	7.41	166	49.30	146	93	34	0	0	2	0
AR LITTLE ROCK	77	52	84	48	64	-5	0.29	-0.57	0.29	3.37	95	48.62	139	90	37	0	0	1	0
AZ FLAGSTAFF	78	36	81	30	57	5	0.00	-0.44	0.00	0.00	0	8.63	51	36	9	0	3	0	0
AZ PHOENIX	105	76	107	73	90	7	0.00	-0.14	0.00	0.00	0	4.64	75	27	8	7	0	0	0
AZ PRESCOTT	88	49	90	47	69	6	0.00	-0.27	0.00	0.03	1	6.49	57	38	8	1	0	0	0
AZ TUCSON	101	67	103	65	84	7	0.00	-0.24	0.00	0.00	0	3.85	40	24	6	7	0	0	0
CA BAKERSFIELD	96	68	102	66	82	9	0.00	-0.04	0.00	0.00	0	4.76	103	46	21	7	0	0	0
CA EUREKA	67	53	81	51	60	4	0.00	-0.22	0.00	0.77	108	18.12	73	93	71	0	0	0	0
CA FRESNO	95	67	101	65	81	9	0.00	-0.08	0.00	0.00	0	4.66	56	62	21	7	0	0	0
CA LOS ANGELES	84	66	92	64	75	7	0.00	-0.10	0.00	0.00	0	7.37	79	90	41	3	0	0	0
CA REDDING	100	64	105	57	82	12	0.00	-0.22	0.00	0.00	0	14.17	64	45	9	7	0	0	0
CA SACRAMENTO	96	62	101	59	79	10	0.00	-0.11	0.00	0.00	0	4.75	38	70	17	7	0	0	0
CA SAN DIEGO	86	67	96	64	77	8	0.00	-0.08	0.00	0.00	0	7.01	95	85	36	3	0	0	0
CA SAN FRANCISCO	85	59	95	56	72	8	0.00	-0.09	0.00	0.00	0	4.30	31	86	33	2	0	0	0
CA STOCKTON	96	63	100	60	80	11	0.00	-0.11	0.00	0.00	0	4.14	43	69	20	7	0	0	0
CO ALAMOSA	72	27	78	21	49	0	0.00	-0.16	0.00	0.01	1	2.94	49	77	12	0	6	0	0
CO CO SPRINGS	70	42	79	38	56	1	0.00	-0.19	0.00	0.35	27	9.06	59	55	21	0	0	0	0
CO DENVER INTL	69	42	81	37	56	-2	0.03	-0.22	0.03	0.98	88	7.67	61	60	22	0	0	1	0
CO GRAND JUNCTION	78	44	83	40	61	1	0.00	-0.27	0.00	1.20	92	4.28	58	35	12	0	0	0	0
CO PUEBLO	75	42	83	35	59	1	0.00	-0.15	0.00	0.75	88	4.68	41	60	18	0	0	0	0
CT BRIDGEPORT	73	61	78	49	67	6	0.96	0.11	0.45	3.98	104	30.80	94	89	56	0	0	4	0
CT HARTFORD	74	55	82	38	65	7	1.33	0.26	0.63	2.28	52	23.47	68	95	48	0	0	4	2
DC WASHINGTON	75	58	81	49	66	1	0.50	-0.33	0.24	5.73	142	42.14	139	92	53	0	0	6	0
DE WILMINGTON	73	56	81	45	65	3	2.14	1.12	1.58	3.71	78	37.21	111	93	55	0	0	5	1
FL DAYTONA BEACH	84	67	90	62	76	-2	3.39	1.98	1.24	9.49	126	37.93	93	99	64	1	0	4	4
FL JACKSONVILLE	81	62	87	54	72	-3	1.08	-0.51	0.67	8.05	91	46.35	105	96	59	0	0	3	1
FL KEY WEST	89	79	91	77	84	2	2.49	1.06	1.48	14.00	192	37.69	121	86	67	4	0	5	2
FL MIAMI	89	76	92	73	82	0	3.18	1.07	2.21	13.87	129	64.47	126	95	65	5	0	5	1
FL ORLANDO	85	69	92	64	77	-2	2.54	1.34	1.51	10.85	166	44.28	102	94	61	1	0	4	2
FL PENSACOLA	82	60	89	52	71	-4	0.02	-1.24	0.01	4.67	72	48.35	94	87	46	0	0	2	0
FL TALLAHASSEE	79	59	88	52	69	-5	1.17	0.27	0.89	9.33	184	50.92	104	89	52	0	0	2	1
FL TAMPA	87	70	91	65	78	-1	0.22	-0.74	0.09	5.55	83	36.80	91	79	50	2	0	4	0
FL WEST PALM BEACH	86	76	90	74	81	0	6.07	4.44	1.97	11.12	123	51.73	104	95	68	1	0	6	4
GA ATHENS	77	56	85	49	66	-2	0.46	-0.57	0.35	5.93	136	51.57	144	90	51	0	0	2	0
GA ATLANTA	75	55	84	49	65	-4	0.36	-0.70	0.27	5.69	116	53.95	139	88	49	0	0	2	0
GA AUGUSTA	80	55	88	49	68	-2	0.19	-0.67	0.17	5.59	155	50.49	146	95	49	0	0	2	0
GA COLUMBUS	79	57	88	47	68	-4	0.69	0.02	0.47	7.52	226	56.50	156	90	46	0	0	2	0
GA MACON	79	54	88	45	67	-4	0.05	-0.70	0.05	8.00	205	51.07	142	93	47	0	0	1	0
GA SAVANNAH	81	61	87	54	71	-2	1.14	0.07	0.57	6.70	131	44.01	111	91	52	0	0	3	1
HI HILO	86	71	88	69	79	3	1.78	-0.46	1.72	10.60	97	85.69	94	84	59	0	0	3	1
HI HONOLULU	88	74	90	68	81	0	0.00	-0.24	0.00	0.11	12	10.02	102	80	47	2	0	0	0
HI KAHULUI	91	74	96	71	82	3	0.11	-0.03	0.07	0.39	80	11.06	98	79	50	5	0	2	0
HI LIHUE	87	74	88	70	81	1	0.01	-0.63	0.01	1.30	54	31.63	132	87	63	0	0	1	0
IA BURLINGTON	64	45	76	38	55	-7	0.88	0.15	0.59	4.41	114	23.69	76	91	50	0	0	3	1
IA CEDAR RAPIDS	61	41	71	30	51	-6	0.46	-0.19	0.30	5.59	162	24.29	84	95	52	0	1	4	0
IA DES MOINES	63	46	72	36	55	-5	0.56	-0.08	0.28	4.29	129	25.15	83	82	44	0	0	3	0
IA DUBUQUE	60	42	71	36	51	-5	0.40	-0.28	0.34	8.35	225	30.61	102	92	53	0	0	4	0
IA SIOUX CITY	66	40	81	30	53	-4	0.12	-0.52	0.09	1.74	54	16.31	68	84	38	0	1	2	0
IA WATERLOO	62	41	70	32	52	-5	0.06	-0.55	0.03	5.21	179	30.72	104	86	45	0	1	3	0
ID BOISE	79	49	84	41	64	5	0.00	-0.16	0.00	0.03	4	10.83	130	58	21	0	0	0	0
ID LEWISTON	79	51	85	45	65	6	0.00	-0.19	0.00	0.28	37	11.41	121	72	27	0	0	0	0
ID POCATELLO	74	34	79	29	54	1	0.00	-0.22	0.00	0.55	56	9.04	99	78	19	0	2	0	0
IL CHICAGO/O_HARE	62	48	77	42	55	-3	0.73	0.06	0.21	3.57	102	30.70	107	85	48	0	0	4	0
IL MOLINE	63	46	73	39	55	-5	0.72	0.09	0.48	6.79	203	27.00	88	89	52	0	0	4	0
IL PEORIA	64	46	79	40	55	-5	0.99	0.34	0.35	6.29	185	35.84	127	90	49	0	0	5	0
IL ROCKFORD	62	45	74	39	54	-4	0.65	-0.02	0.47	6.80	188	28.73	98	88	48	0	0	4	0
IL SPRINGFIELD	66	44	81	37	55	-6	0.18	-0.50	0.13	2.13	66	33.13	115	96	46	0	0	4	0
IN EVANSVILLE	73	47	81	42	60	-3	0.74	0.01	0.72	2.46	73	48.72	142	88	37	0	0	2	1
IN FORT WAYNE	65	43	80	36	54	-4	0.22	-0.43	0.20	3.37	109	27.03	90	96	55	0	0	2	0
IN INDIANAPOLIS	69	46	79	38	57	-4	0.09	-0.66	0.09	0.13	3	34.39	105	93	43	0	0	1	0
IN SOUTH BEND	64	45	79	38	54	-4	0.77	0.01	0.43	2.24	58	32.85	113	92	53	0	0	4	0
KS CONCORDIA	74	46	84	36	60	-1	0.00	-0.60	0.00	1.75	55	23.20	95	65	23	0	0	0	0
KS DODGE CITY	77	44	86	37	61	-2	0.00	-0.35	0.00	0.60	32	18.74	102	63	19	0	0	0	0
KS GOODLAND	71	37	83	32	54	-4	0.00	-0.30	0.00	0.70	51	15.29	88	71	20	0	1	0	0
KS TOPEKA	70	44	76	36	57	-5	0.70	-0.13	0.70	2.61	65	32.64	106	87	36	0	0	1	1

Based on 1981-2010 normals

*** Not Available

Weather Data for the Week Ending October 3, 2020

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		
KY WICHITA	75	44	84	38	59	-5	0.03	-0.67	0.03	1.61	46	23.83	86	81	27	0	0	1	0		
KY LEXINGTON	69	46	79	38	57	-5	0.55	-0.13	0.31	4.22	132	38.62	110	95	50	0	0	2	0		
LA LOUISVILLE	72	51	82	45	62	-3	0.19	-0.56	0.17	3.14	93	42.96	124	88	45	0	0	3	0		
LA PADUCAH	74	48	83	39	61	-3	1.34	0.37	1.34	5.02	120	44.93	122	92	38	0	0	1	1		
LA BATON ROUGE	83	56	89	50	70	-8	0.07	-0.87	0.07	1.81	29	49.80	104	93	38	0	0	1	0		
LA LAKE CHARLES	82	58	86	52	70	-5	0.00	-1.01	0.00	1.09	19	37.30	86	97	44	0	0	0	0		
LA NEW ORLEANS	83	62	93	56	72	-4	0.00	-0.83	0.00	1.80	33	57.06	115	87	37	1	0	0	0		
LA SHREVEPORT	81	55	89	49	68	-4	0.94	0.04	0.94	3.98	111	49.74	132	82	32	0	0	1	1		
MA BOSTON	74	58	81	49	66	6	0.54	-0.33	0.47	1.02	26	23.00	71	92	55	0	0	3	0		
MA WORCESTER	70	54	77	44	62	6	0.78	-0.31	0.70	2.37	53	28.26	79	91	56	0	0	4	1		
MD BALTIMORE	75	56	82	44	66	4	1.06	0.15	0.67	4.71	107	42.89	133	93	50	0	0	6	1		
ME CARIBOU	70	52	83	40	61	12	1.69	0.90	0.92	1.81	49	21.61	76	88	57	0	0	4	2		
ME PORTLAND	70	53	76	40	62	7	0.54	-0.50	0.43	0.75	18	26.44	78	98	65	0	0	4	0		
MI ALPENA	59	44	73	34	52	-1	0.91	0.25	0.65	2.74	86	28.33	129	96	61	0	0	5	1		
MI GRAND RAPIDS	60	45	76	35	53	-4	1.27	0.39	0.53	3.40	73	29.27	100	96	66	0	0	5	1		
MI HOUGHTON LAKE	58	44	71	33	51	-1	0.72	0.05	0.47	1.84	55	19.85	93	92	62	0	0	5	0		
MI LANSING	60	45	73	34	52	-4	0.87	0.16	0.31	4.71	125	30.07	121	93	63	0	0	5	0		
MI MUSKOGON	62	49	75	38	55	-1	2.37	1.56	0.75	3.78	90	29.39	119	83	58	0	0	6	3		
MI TRAVERSE CITY	59	47	73	40	53	-1	1.48	0.71	0.47	3.09	80	25.42	102	89	60	0	0	5	0		
MN DULUTH	53	40	63	29	47	-3	0.12	-0.72	0.06	0.89	19	15.59	62	87	51	0	1	4	0		
MN INT_L FALLS	52	38	64	31	45	-2	0.37	-0.23	0.26	1.85	57	17.50	86	91	56	0	1	4	0		
MN MINNEAPOLIS	59	45	67	38	52	-4	0.13	-0.55	0.05	0.94	27	25.43	99	89	45	0	0	4	0		
MN ROCHESTER	57	42	65	31	49	0	0.06	-0.65	0.03	2.87	77	27.42	98	92	51	0	1	3	0		
MN ST. CLOUD	57	38	66	27	48	-5	0.12	-0.54	0.07	1.99	53	20.84	89	93	50	0	3	3	0		
MO COLUMBIA	68	47	76	41	58	-4	0.71	-0.17	0.67	4.89	115	42.98	126	87	43	0	0	2	1		
MO KANSAS CITY	69	45	76	35	57	-5	0.30	-0.64	0.30	1.50	29	30.54	94	87	42	0	0	1	0		
MO SAINT LOUIS	69	49	82	44	59	-5	0.46	-0.26	0.20	0.96	28	41.46	133	83	42	0	0	3	0		
MO SPRINGFIELD	73	46	86	36	60	-3	0.57	-0.41	0.49	1.63	32	41.63	118	86	36	0	0	2	0		
MS JACKSON	79	54	85	46	66	-4	0.12	-0.67	0.12	4.08	121	60.35	148	92	40	0	0	1	0		
MS MERIDIAN	81	53	86	44	67	-3	0.20	-0.61	0.19	1.55	41	55.80	130	93	40	0	0	2	0		
MS TUPELO	76	52	86	44	64	-5	0.08	-0.89	0.08	3.98	103	58.23	144	92	39	0	0	1	0		
MT BILLINGS	71	45	85	41	58	4	0.00	-0.33	0.00	0.54	36	10.25	88	55	19	0	0	0	0		
MT BUTTE	70	32	76	27	51	5	0.14	-0.08	0.14	0.50	45	8.58	77	84	23	0	5	1	0		
MT CUT BANK	71	37	80	31	54	5	0.00	-0.20	0.00	0.65	50	6.24	62	73	23	0	1	0	0		
MT GLASGOW	68	37	79	27	53	1	0.00	-0.24	0.00	0.88	81	9.67	93	73	23	0	1	0	0		
MT GREAT FALLS	72	38	84	34	55	4	0.00	-0.28	0.00	0.49	32	11.50	89	71	22	0	0	0	0		
MT HAVRE	69	35	80	31	52	1	0.00	-0.22	0.00	1.65	137	7.97	79	78	28	0	3	0	0		
MT MISSOULA	74	38	79	33	56	5	0.00	-0.23	0.00	0.34	27	10.31	90	95	30	0	0	0	0		
NC ASHEVILLE	71	50	79	39	61	-1	1.03	0.24	0.88	8.39	203	51.46	144	97	53	0	0	3	1		
NC CHARLOTTE	77	54	82	47	65	-1	0.29	-0.51	0.29	4.55	127	40.82	127	92	50	0	0	1	0		
NC GREENSBORO	74	52	79	46	63	-2	0.81	0.03	0.80	4.80	107	48.04	145	96	56	0	0	2	1		
NC HATTERAS	77	65	82	59	71	0	0.65	-0.69	0.58	9.26	136	57.06	129	90	63	0	0	3	1		
NC RALEIGH	78	54	85	46	66	-1	0.69	-0.16	0.66	5.03	107	42.10	123	97	54	0	0	2	1		
NC WILMINGTON	79	61	85	54	70	-1	1.17	-0.29	1.17	10.05	119	59.14	124	93	52	0	0	1	1		
ND BISMARCK	62	44	75	36	53	1	0.05	-0.27	0.05	0.52	29	7.37	47	73	36	0	0	1	0		
ND DICKINSON	63	37	76	28	50	-1	0.00	-0.35	0.00	0.95	57	7.51	53	73	30	0	2	0	0		
ND FARGO	59	40	72	29	50	-3	0.09	-0.46	0.08	1.04	36	17.60	93	88	43	0	2	2	0		
ND GRAND FORKS	59	39	70	27	49	-1	0.13	-0.35	0.06	0.30	13	13.73	78	87	41	0	3	3	0		
ND JAMESTOWN	59	41	72	30	50	-1	0.04	-0.37	0.04	0.10	4	10.53	64	80	42	0	1	1	0		
NE GRAND ISLAND	70	39	85	34	55	-4	0.00	-0.48	0.00	0.18	7	19.14	82	73	25	0	0	0	0		
NE LINCOLN	68	39	82	32	54	-6	0.15	-0.44	0.12	1.62	50	20.46	82	83	33	0	1	2	0		
NE NORFOLK	67	39	83	30	53	-5	0.13	-0.48	0.13	1.77	60	16.01	68	79	30	0	2	1	0		
NE NORTH PLATTE	72	34	85	30	53	-3	0.00	-0.36	0.00	0.61	37	13.62	76	78	22	0	3	0	0		
NE OMAHA	67	44	80	33	55	-4	0.01	-0.56	0.01	1.72	59	13.80	53	86	36	0	0	1	0		
NE SCOTTSBLUFF	72	35	84	32	54	-1	0.01	-0.28	0.01	0.56	43	7.67	56	74	20	0	1	1	0		
NE VALENTINE	69	37	84	28	53	-2	0.08	-0.31	0.08	0.76	41	15.22	86	70	24	0	1	1	0		
NH CONCORD	73	51	82	38	62	8	0.87	-0.03	0.65	1.07	28	19.65	65	95	51	0	0	3	1		
NJ ATLANTIC_CITY	74	58	79	44	66	5	0.54	-0.24	0.31	3.47	100	36.14	114	92	57	0	0	3	0		
NJ NEWARK	74	59	81	48	67	4	1.61	0.69	0.87	4.13	99	35.00	98	91	51	0	0	5	2		
NM ALBUQUERQUE	80	52	88	44	66	2	0.00	-0.28	0.00	0.66	54	5.47	72	40	13	0	0	0	0		
NV ELY	78	31	83	27	55	4	0.00	-0.23	0.00	0.04	4	4.30	55	46	9	0	6	0	0		
NV LAS VEGAS	95	70	99	67	83	6	0.00	-0.05	0.00	0.00	0	2.35	70	16	6	7	0	0	0		
NV RENO	83	47	88	45	65	5	0.00	-0.12	0.00	0.00	0	1.92	36	55	11	0	0	0	0		
NV WINNEMUCCA	84	39	90	35	62	7	0.00	-0.13	0.00	0.19	36	4.80	79	48	9	1	0	0	0		
NY ALBANY	67	50	76	35	59	3	2.27	1.44	1.05	2.78	76	26.39	88	100	61	0	0	5	2		
NY BINGHAMTON	65	50	76	39	58	4	1.73	0.90	1.07	2.43	61	37.46	124	97	55	0	0	5	1		
NY BUFFALO	67	52	82	43	59	3	2.70	1.78	1.55	4.01	94	28.98	99	89	52	0	0	6	2		
NY ROCHESTER	68	51	85	41	59	3	1.83	1.13	0.93	2.52	69	24.29	93	96	52	0	0	4	2		
NY SYRACUSE	71	53	84	42	62	6	1.08	0.25	0.61	1.57	39	28.61	100	89	49	0	0	4	1		
OH AKRON-CANTON	67	49	78	40	58	0	0.66	-0.05	0.58	2.89	78	30.72	99	88	52	0	0	2	1		
OH CINCINNATI	70	47	79	38	58	-3	0.25	-0.41	0.24	1.65	56	37.82	116	92	48	0	0	2	0		
OH CLEVELAND	66	49	79	40	58	-2	2.04	1.22	1.25	6.59	160	41.10	139	93	53	0	0	4	2		
OH COLUMBUS	68	49	79	41	58	-3	1.08	0.48	1.08	2.99	97	39.89	129	94	49	0	0	1	1		
OH DAYTON	68	47	81	40	58	-2	0.28	-0.41	0.27	0.92	25	31.87	100	87	44	0	0	2	0		
OH MANSFIELD	66	47	78	36	56	-1	1.39	0.69	1.34	5.74	159	31.22	90	97	55	0	0	3	1		

Based on 1981-2010 normals

*** Not Available

Weather Data for the Week Ending October 3, 2020

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		
OK TOLEDO	66	47	84	37	57	-1	0.26	-0.35	0.13	1.43	46	23.38	89	87	48	0	0	3	0		
OK YOUNGSTOWN	66	47	79	34	56	0	1.19	0.43	0.63	5.76	143	37.14	123	90	51	0	0	4	1		
OK OKLAHOMA CITY	78	48	90	41	63	-5	0.00	-0.85	0.00	2.56	57	27.81	94	75	26	1	0	0	0		
OR TULSA	77	50	90	43	64	-3	0.13	-0.77	0.13	3.79	81	35.25	109	85	36	1	0	1	0		
OR ASTORIA	67	54	82	50	60	5	0.00	-0.72	0.00	2.96	120	42.83	105	97	70	0	0	0	0		
OR BURNS	83	33	88	29	58	7	0.00	-0.13	0.00	0.01	2	5.75	75	66	13	0	4	0	0		
OR EUGENE	80	48	85	47	64	6	0.00	-0.40	0.00	2.81	191	20.48	74	97	44	0	0	0	0		
OR MEDFORD	92	52	98	48	72	10	0.00	-0.15	0.00	0.06	8	9.23	84	69	17	4	0	0	0		
OR PENDLETON	80	47	83	42	64	6	0.00	-0.16	0.00	0.15	23	9.06	102	78	25	0	0	0	0		
OR PORTLAND	80	54	85	52	67	7	0.00	-0.44	0.00	2.11	127	21.28	96	95	39	0	0	0	0		
OR SALEM	79	50	85	48	64	6	0.00	-0.41	0.00	1.38	94	20.56	87	93	40	0	0	0	0		
PA ALLENTOWN	72	53	80	41	63	5	1.88	0.73	1.31	4.27	84	33.12	95	94	50	0	0	5	1		
PA ERIE	68	52	84	45	60	2	2.75	1.64	0.86	3.26	64	27.96	90	87	48	0	0	6	2		
PA MIDDLETOWN	73	56	85	44	65	5	0.43	-0.51	0.24	1.89	42	27.89	89	88	49	0	0	4	0		
PA PHILADELPHIA	74	59	82	50	66	3	2.64	1.76	1.98	4.39	106	37.12	116	91	51	0	0	5	1		
PA PITTSBURGH	66	47	80	35	57	-2	0.39	-0.19	0.17	1.07	32	28.89	96	94	48	0	0	4	0		
PA WILKES-BARRE	71	54	79	42	62	6	1.62	0.71	1.05	3.11	70	41.37	140	93	50	0	0	5	1		
PA WILLIAMSPORT	72	50	83	38	61	4	1.39	0.47	1.22	1.61	35	27.57	87	92	45	0	0	2	1		
RI PROVIDENCE	74	56	77	42	65	6	0.64	-0.28	0.55	1.25	29	25.20	72	99	60	0	0	3	1		
SC CHARLESTON	79	60	86	54	69	-3	1.61	0.43	1.17	7.19	109	46.59	110	93	56	0	0	3	1		
SC COLUMBIA	78	55	86	48	67	-3	0.43	-0.37	0.42	4.57	118	47.02	131	93	50	0	0	2	0		
SC FLORENCE	77	58	84	52	67	-2	1.38	0.57	1.01	6.96	173	50.35	146	93	53	0	0	3	1		
SC GREENVILLE	75	52	83	44	64	-3	0.35	-0.46	0.18	5.42	144	58.41	161	98	50	0	0	3	0		
SD ABERDEEN	62	42	75	34	52	-1	0.25	-0.29	0.25	1.56	63	13.67	73	81	40	0	0	1	0		
SD HURON	64	40	79	32	52	-3	0.02	-0.48	0.02	0.65	24	15.39	77	88	39	0	1	1	0		
SD RAPID CITY	67	38	81	31	52	-2	0.00	-0.34	0.00	1.14	78	11.49	81	63	22	0	1	0	0		
SD SIOUX FALLS	64	41	80	31	53	-2	0.04	-0.56	0.04	0.44	14	14.89	66	83	37	0	1	1	0		
TN BRISTOL	71	48	81	38	59	-2	1.25	0.70	1.05	4.78	150	46.99	144	100	52	0	0	2	1		
TN CHATTANOOGA	76	53	85	46	65	-2	0.83	-0.09	0.82	5.68	128	53.68	135	92	42	0	0	2	1		
TN KNOXVILLE	72	50	83	43	61	-4	0.83	0.13	0.68	4.66	133	55.74	150	99	50	0	0	2	1		
TN MEMPHIS	75	53	84	47	64	-5	0.29	-0.54	0.29	1.65	48	42.81	110	84	37	0	0	1	0		
TN NASHVILLE	74	50	83	42	62	-4	0.10	-0.67	0.10	3.74	101	43.28	120	88	41	0	0	1	0		
TX ABILENE	85	52	99	42	68	-2	0.00	-0.54	0.00	0.62	24	17.11	88	69	22	2	0	0	0		
TX AMARILLO	78	47	92	42	62	-1	0.00	-0.43	0.00	0.46	21	10.61	61	57	17	1	0	0	0		
TX AUSTIN	87	60	93	53	74	-2	0.00	-0.68	0.00	4.51	137	28.07	110	75	26	3	0	0	0		
TX BEAUMONT	83	58	88	50	70	-5	0.17	-1.04	0.17	1.94	29	39.69	86	98	40	0	0	1	0		
TX BROWNSVILLE	88	64	93	56	76	-3	0.04	-1.26	0.04	5.88	91	16.41	77	92	46	2	0	1	0		
TX CORPUS CHRISTI	87	61	92	51	74	-4	0.00	-0.95	0.00	5.54	103	21.29	86	90	39	1	0	0	0		
TX DEL RIO	90	61	101	50	75	-1	0.00	-0.59	0.00	3.22	130	11.41	71	70	24	4	0	0	0		
TX EL PASO	88	57	98	52	73	2	0.00	-0.23	0.00	0.59	37	5.76	71	34	12	4	0	0	0		
TX FORT WORTH	83	56	92	50	70	-3	0.00	-0.58	0.00	3.89	138	37.48	139	74	28	2	0	0	0		
TX GALVESTON	84	69	89	63	76	-2	0.06	0.00	0.06	4.02	0	31.13	0	79	40	0	0	1	0		
TX HOUSTON	85	60	92	54	73	-3	0.02	-0.97	0.02	8.58	186	36.08	99	87	32	1	0	1	0		
TX LUBBOCK	83	48	92	38	65	-1	0.00	-0.49	0.00	1.05	38	9.55	60	58	19	2	0	0	0		
TX MIDLAND	86	53	103	43	70	0	0.00	-0.42	0.00	0.84	40	6.96	58	48	14	2	0	0	0		
TX SAN ANGELO	86	49	99	39	68	-3	0.00	-0.55	0.00	4.91	181	17.37	103	75	23	1	0	0	0		
TX SAN ANTONIO	86	59	93	51	73	-3	0.00	-0.73	0.00	2.94	87	18.15	74	74	28	2	0	0	0		
TX VICTORIA	86	59	92	51	73	-4	0.00	-0.93	0.00	4.31	94	24.09	76	90	33	2	0	0	0		
TX WACO	84	53	89	45	68	-5	0.00	-0.74	0.00	7.48	222	38.40	150	83	30	0	0	0	0		
TX WICHITA FALLS	83	53	94	46	68	-2	0.00	-0.56	0.00	2.77	91	31.11	136	73	25	2	0	0	0		
UT SALT LAKE CITY	76	49	80	45	62	3	0.00	-0.33	0.00	0.21	15	7.86	66	55	18	0	0	0	0		
VA LYNCHBURG	75	52	82	43	63	2	1.00	0.22	0.69	6.78	162	48.29	151	94	51	0	0	4	1		
VA NORFOLK	78	62	86	56	70	2	1.41	0.54	1.36	7.68	150	42.23	114	87	50	0	0	3	1		
VA RICHMOND	76	56	83	47	66	1	1.69	0.91	1.65	6.99	157	47.33	137	94	53	0	0	2	1		
VA ROANOKE	73	52	80	40	62	0	0.76	0.02	0.75	5.37	128	49.15	152	88	52	0	0	2	1		
VA WASH/DULLES	73	53	80	40	63	1	0.57	-0.27	0.40	2.43	57	37.26	116	95	53	0	0	4	0		
VT BURLINGTON	70	55	80	44	63	8	2.80	1.93	1.22	3.06	76	25.10	89	89	57	0	0	5	3		
WA OLYMPIA	73	47	79	44	60	5	0.00	-0.56	0.00	3.37	170	32.20	108	100	55	0	0	0	0		
WA QUILLAYUTE	69	50	84	46	60	6	0.00	-1.36	0.00	5.20	116	63.65	106	96	63	0	0	0	0		
WA SEATTLE-TACOMA	72	54	79	52	63	5	0.00	-0.47	0.00	2.01	117	26.69	119	96	59	0	0	0	0		
WA SPOKANE	75	48	80	39	62	7	0.00	-0.17	0.00	0.35	47	9.79	89	82	32	0	0	0	0		
WA YAKIMA	79	44	82	39	61	6	0.00	-0.10	0.00	0.08	17	2.89	53	84	27	0	0	0	0		
WI EAU CLAIRE	57	41	63	29	49	-5	0.28	-0.47	0.16	1.61	40	23.31	89	91	49	0	1	3	0		
WI GREEN BAY	58	42	74	32	50	-3	0.32	-0.30	0.30	2.69	82	26.63	112	90	56	0	2	3	0		
WI LA CROSSE	61	45	70	36	53	-4	0.23	-0.44	0.11	3.74	98	25.75	92	87	48	0	0	3	0		
WI MADISON	58	42	74	31	50	-5	0.35	-0.24	0.27	3.59	107	33.03	117	98	63	0	1	5	0		
WI MILWAUKEE	60	47	74	38	54	-3	0.69	0.02	0.28	0.98	28	30.31	110	87	56	0	0	5	0		
WI BECKLEY	64	45	75	35	55	-3	0.65	0.04	0.57	2.18	67	43.28	131	98	61	0	0	2	1		
WI CHARLESTON	70	48	82	38	59	-3	0.70	0.04	0.57	1.97	56	40.71	117	99	43	0	0	2	1		
WI ELKINS	67	44	78	34	56	-1	0.78	0.06	0.63	2.66	68	47.78	130	93	50	0	0	3	1		
WI HUNTINGTON	71	49	82	38	60	-2	0.85	0.25	0.79	3.14	104	36.66	110	94	51	0	0	3	1		
WY CASPER	68	33	79	26	51	0	0.03	-0.26	0.03	0.61	50	4.99	48	73	20	0	3	1	0		
WY CHEYENNE	66	38	77	31	52	0	0.00	-0.29	0.00	0.42	25	8.11	57	57	19	0	2	0	0		
WY LANDER	69	38	79	31	53	2	0.00	-0.33	0.00	0.50	41	5.33	52	60	19	0	1	0	0		
WY SHERIDAN	70	38	82	31	54	3	0.01	-0.38	0.01	1.37	84	8.09	69	72	23	0	1	1	0		

Based on 1981-2010 normals

*** Not Available

National Agricultural Summary

September 28 - October 4, 2020

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Above-normal temperatures were recorded for most of the western one-third of the nation, as well as parts of the mid-Atlantic and most of the Northeast. Large parts of California, New England, the Pacific Northwest, the northern Rockies, and the Southwest reported temperatures 5°F or more above normal. In contrast, below-normal temperatures were noted across most of the Great Lakes, Great

Plains, Mississippi Valley, Southeast, and Texas. Large parts of these regions recorded temperatures 5°F or more below normal. Meanwhile, most of the nation remained drier than normal, but above-normal precipitation was recorded in parts of the Great Lakes, mid Atlantic, Northeast, and Southeast. Parts of Florida's Atlantic coast received rainfall totaling 6 inches or more.

Corn: Eighty-seven percent of the nation's corn acreage was mature by October 4, thirty-three percentage points ahead of last year and 9 points ahead of the 5-year average. Corn maturity advanced 10 percentage points or more in 12 of the 18 estimating States. Twenty-five percent of the 2020 acreage was harvested by week's end, 11 percentage points ahead of last year and 1 point ahead of the average harvest pace. As of October 4, sixty-two percent of the nation's corn was rated in good to excellent condition, 1 percentage point above the previous week and 6 points above the same time last year.

Soybean: Nationally, leaves dropping advanced to 85 percent complete by October 4, eighteen percentage points ahead of last year and 3 points ahead of the 5-year average. Leaves dropping advanced 10 percentage points or more in ten of the 18 estimating states during the week. Soybean harvest across the nation was 38 percent complete by week's end, 26 percentage points ahead of last year and 10 points ahead of average. Harvest progress advanced 25 percentage points or more during the week in Iowa, Minnesota, Nebraska, North Dakota, and South Dakota. On October 4, sixty-four percent of the nation's soybeans were rated in good to excellent condition, unchanged from the previous week but 11 percentage points above the same time last year.

Winter Wheat: Nationwide, producers had sown 52 percent of the intended 2021 winter wheat acreage by October 4, four percentage points ahead of last year and 5 points ahead of the 5-year average. Planting progress advanced by 20 percentage points or more during the week in Colorado, Idaho, Illinois, Kansas, and Nebraska. Nationwide, 24 percent of the winter wheat acreage had emerged by October 4, two percentage points ahead of last year and 3 points ahead of average.

Cotton: By October 4, eighty-three percent of the nation's cotton had open bolls, 2 percentage points ahead of last year and 8 points ahead of the 5-year average. California and Texas showed an increase in bolls opening from the previous week of 20 and 23 percentage points, respectively. By October 4, seventeen percent of the nation's cotton had been harvested, 5 percentage points behind last year and 3 points behind average. By October 4, forty percent of the 2020 cotton acreage was rated

in good to excellent condition, 3 percentage points below the previous week but 1 point above the same time last year.

Sorghum: By October 4, seventy-seven percent of the nation's sorghum acreage was mature, 15 percentage points ahead of last year and 8 points ahead of the 5-year average. Thirty-eight percent of the 2020 sorghum acreage was harvested by October 4, six percentage points ahead of last year but equal to the average. Eighty-eight percent of the Texas sorghum acreage was harvested by October 4, one percentage point ahead of last year and 13 points ahead of average. Fifty-one percent of the nation's sorghum was rated in good to excellent condition on October 4, unchanged from the previous week but 14 percentage points below the same time last year.

Rice: Nationally, 71 percent of the rice acreage had been harvested by October 4, three percentage points behind last year and 7 points behind the 5-year average. California and Missouri showed an increase from the previous week of 28 and 30 percentage points, respectively.

Other Acreages: Seventeen percent of the nation's peanut acreage was harvested as of October 4, twenty percentage points behind last year and 13 points behind the 5-year average. Harvest progress was at or behind the average pace for all estimating states. On October 4, sixty-one percent of the nation's peanuts were rated in good to excellent condition, 2 percentage points below the previous week but 7 points above the same time last year.

By October 4, sugarbeet producers had harvested 46 percent of the nation's crop, 28 percentage points ahead of last year and 16 points ahead of the 5-year average. Harvest progress was ahead of the average pace in all estimating states. Minnesota and North Dakota showed an increase from the previous week of 32 and 40 percentage points, respectively.

By October 4, eleven percent of this year's sunflower crop was harvested, 10 percentage points ahead of last year and 8 points ahead of the 5-year average. Harvest progress was ahead of the average pace in three of the four estimating states.

Crop Progress and Condition

Week Ending October 4, 2020

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

Corn Percent Mature				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
CO	58	55	69	63
IL	54	73	89	85
IN	52	66	83	78
IA	47	82	92	80
KS	81	84	92	89
KY	94	92	96	94
MI	27	55	70	60
MN	34	85	94	74
MO	83	69	81	93
NE	68	80	91	80
NC	99	96	99	100
ND	20	58	78	65
OH	39	46	63	67
PA	68	65	79	75
SD	34	80	91	69
TN	99	88	96	98
TX	83	89	92	86
WI	26	70	80	60
18 Sts	54	75	87	78
These 18 States planted 91% of last year's corn acreage.				

Corn Percent Harvested				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
CO	16	13	30	12
IL	10	13	26	39
IN	13	12	22	25
IA	3	12	25	10
KS	34	29	44	49
KY	71	54	66	68
MI	3	4	7	8
MN	1	6	14	7
MO	32	20	31	56
NE	11	14	21	15
NC	90	74	85	87
ND	0	4	11	5
OH	9	4	9	14
PA	32	6	13	24
SD	1	10	20	9
TN	84	40	60	80
TX	73	70	78	72
WI	1	4	8	6
18 Sts	14	15	25	24
These 18 States harvested 93% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	10	28	35	23	4
IL	2	5	20	58	15
IN	4	8	26	48	14
IA	9	15	31	39	6
KS	6	12	28	40	14
KY	0	2	8	49	41
MI	3	8	34	46	9
MN	1	3	15	56	25
MO	1	4	15	63	17
NE	3	12	24	44	17
NC	6	10	32	42	10
ND	3	9	30	49	9
OH	3	11	38	43	5
PA	10	17	38	23	12
SD	2	4	20	64	10
TN	1	3	23	58	15
TX	5	14	39	31	11
WI	2	4	14	48	32
18 Sts	4	9	25	48	14
Prev Wk	5	9	25	47	14
Prev Yr	4	11	29	45	11

Soybeans Percent Dropping Leaves				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
AR	73	60	74	80
IL	58	60	81	80
IN	61	80	90	82
IA	63	84	93	83
KS	58	68	82	69
KY	65	55	69	65
LA	95	92	95	95
MI	65	89	94	83
MN	74	90	95	90
MS	85	74	86	89
MO	40	29	49	57
NE	83	92	97	90
NC	69	39	49	60
ND	90	88	94	96
OH	62	75	85	83
SD	72	90	96	90
TN	81	52	69	79
WI	55	79	88	79
18 Sts	67	74	85	82
These 18 States planted 96% of last year's soybean acreage.				

Soybeans Percent Harvested				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
AR	34	17	27	42
IL	8	11	25	33
IN	12	17	30	28
IA	4	30	55	20
KS	4	10	20	11
KY	28	17	26	25
LA	77	72	83	80
MI	8	13	19	20
MN	7	31	61	35
MS	55	31	45	64
MO	5	1	6	14
NE	12	29	55	25
NC	16	4	9	11
ND	7	27	60	38
OH	15	13	21	27
SD	4	29	60	27
TN	36	12	21	27
WI	2	10	18	15
18 Sts	12	20	38	28
These 18 States harvested 96% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	2	5	26	49	18
IL	1	3	21	59	16
IN	3	8	25	49	15
IA	5	13	33	43	6
KS	4	10	33	43	10
KY	1	3	13	57	26
LA	0	2	48	38	12
MI	1	6	30	51	12
MN	1	3	17	57	22
MS	2	8	23	55	12
MO	1	3	19	59	18
NE	4	10	23	45	18
NC	3	9	36	45	7
ND	8	11	33	41	7
OH	2	10	35	48	5
SD	3	6	22	60	9
TN	1	3	21	61	14
WI	2	3	12	44	39
18 Sts	3	7	26	50	14
Prev Wk	3	7	26	51	13
Prev Yr	4	11	32	45	8

Crop Progress and Condition

Week Ending October 4, 2020

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

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
AL	91	75	79	86
AZ	100	99	100	96
AR	96	95	98	97
CA	79	55	75	72
GA	91	74	81	89
KS	60	54	64	57
LA	96	97	99	99
MS	92	84	92	93
MO	81	90	96	87
NC	91	60	75	87
OK	75	55	68	68
SC	94	58	72	84
TN	88	66	85	87
TX	75	60	83	66
VA	93	56	75	81
15 Sts	81	66	83	75
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Harvested				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
AL	21	0	2	16
AZ	16	16	19	20
AR	36	6	13	29
CA	4	0	5	4
GA	25	4	8	15
KS	0	1	1	3
LA	46	23	39	51
MS	33	10	17	31
MO	7	3	8	16
NC	13	1	4	8
OK	1	0	0	2
SC	21	0	0	14
TN	19	2	7	16
TX	23	22	26	22
VA	16	1	5	4
15 Sts	22	13	17	20
These 15 States harvested 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	1	3	21	66	9
AZ	0	0	4	65	31
AR	2	3	14	49	32
CA	0	0	45	50	5
GA	3	10	31	48	8
KS	4	12	43	37	4
LA	0	3	57	40	0
MS	1	11	28	46	14
MO	2	6	38	49	5
NC	3	18	42	33	4
OK	1	4	45	50	0
SC	6	6	20	53	15
TN	7	13	19	50	11
TX	16	23	36	19	6
VA	0	13	37	50	0
15 Sts	10	17	33	32	8
Prev Wk	10	14	33	36	7
Prev Yr	4	15	42	32	7

Sorghum Percent Mature				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
CO	53	53	56	49
KS	48	45	71	61
NE	64	71	87	77
OK	60	50	65	70
SD	35	77	91	53
TX	92	90	92	85
6 Sts	62	62	77	69
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Percent Harvested				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
CO	13	16	18	9
KS	9	6	14	15
NE	3	7	17	15
OK	22	20	35	36
SD	4	16	33	13
TX	87	85	88	75
6 Sts	32	31	38	38
These 6 States harvested 100% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
CO	8	20	54	16	2
KS	3	9	28	47	13
NE	3	7	30	41	19
OK	12	27	35	25	1
SD	0	4	38	55	3
TX	8	14	33	32	13
6 Sts	5	12	32	40	11
Prev Wk	6	12	31	40	11
Prev Yr	2	5	28	51	14

Peanuts Percent Harvested				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
AL	49	12	17	36
FL	55	31	41	54
GA	41	8	13	31
NC	29	5	12	17
OK	3	2	5	5
SC	33	13	22	22
TX	1	7	10	10
VA	55	14	16	28
8 Sts	37	11	17	30
These 8 States harvested 96% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	2	12	68	18
FL	13	10	42	35	0
GA	1	7	28	52	12
NC	1	4	22	58	15
OK	0	0	2	92	6
SC	1	4	18	58	19
TX	11	13	40	35	1
VA	0	0	43	57	0
8 Sts	4	7	28	51	10
Prev Wk	3	8	26	53	10
Prev Yr	4	10	32	49	5

Sugarbeets Percent Harvested				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
ID	26	25	31	29
MI	13	31	36	23
MN	17	18	50	30
ND	19	16	56	35
4 Sts	18	21	46	30
These 4 States harvested 83% of last year's sugarbeet acreage.				

Crop Progress and Condition

Week Ending October 4, 2020

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

Winter Wheat Percent Planted				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
AR	14	2	8	11
CA	11	10	13	10
CO	76	66	86	73
ID	54	37	59	61
IL	15	8	29	16
IN	14	13	24	20
KS	41	35	56	41
MI	27	27	41	34
MO	5	1	8	12
MT	46	33	50	63
NE	83	60	80	82
NC	2	2	8	2
OH	43	14	32	29
OK	54	27	45	47
OR	53	16	29	39
SD	72	53	70	72
TX	45	31	44	43
WA	65	59	76	70
18 Sts	48	35	52	47
These 18 States planted 91% of last year's winter wheat acreage.				

Winter Wheat Percent Emerged				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
AR	5	0	1	3
CA	0	0	0	0
CO	47	19	35	42
ID	23	9	23	28
IL	2	0	9	2
IN	2	0	3	4
KS	21	10	29	19
MI	8	6	21	10
MO	2	0	0	4
MT	7	6	22	24
NE	36	15	33	49
NC	0	0	0	0
OH	13	0	3	6
OK	22	7	20	17
OR	22	5	8	12
SD	39	17	38	35
TX	20	5	18	17
WA	25	32	54	43
18 Sts	22	10	24	21
These 18 States planted 91% of last year's winter wheat acreage.				

Rice Percent Harvested				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
AR	79	57	70	86
CA	27	22	50	32
LA	96	94	96	98
MS	80	58	71	86
MO	79	26	56	73
TX	98	99	100	99
6 Sts	74	57	71	78
These 6 States harvested 100% of last year's rice acreage.				

Sunflowers Percent Harvested				
	Prev Year	Prev Week	Oct 4 2020	5-Yr Avg
CO	6	0	13	4
KS	6	NA	4	5
ND	0	6	16	5
SD	0	2	6	3
4 Sts	1	NA	11	3
These 4 States harvested 86% of last year's sunflower acreage.				

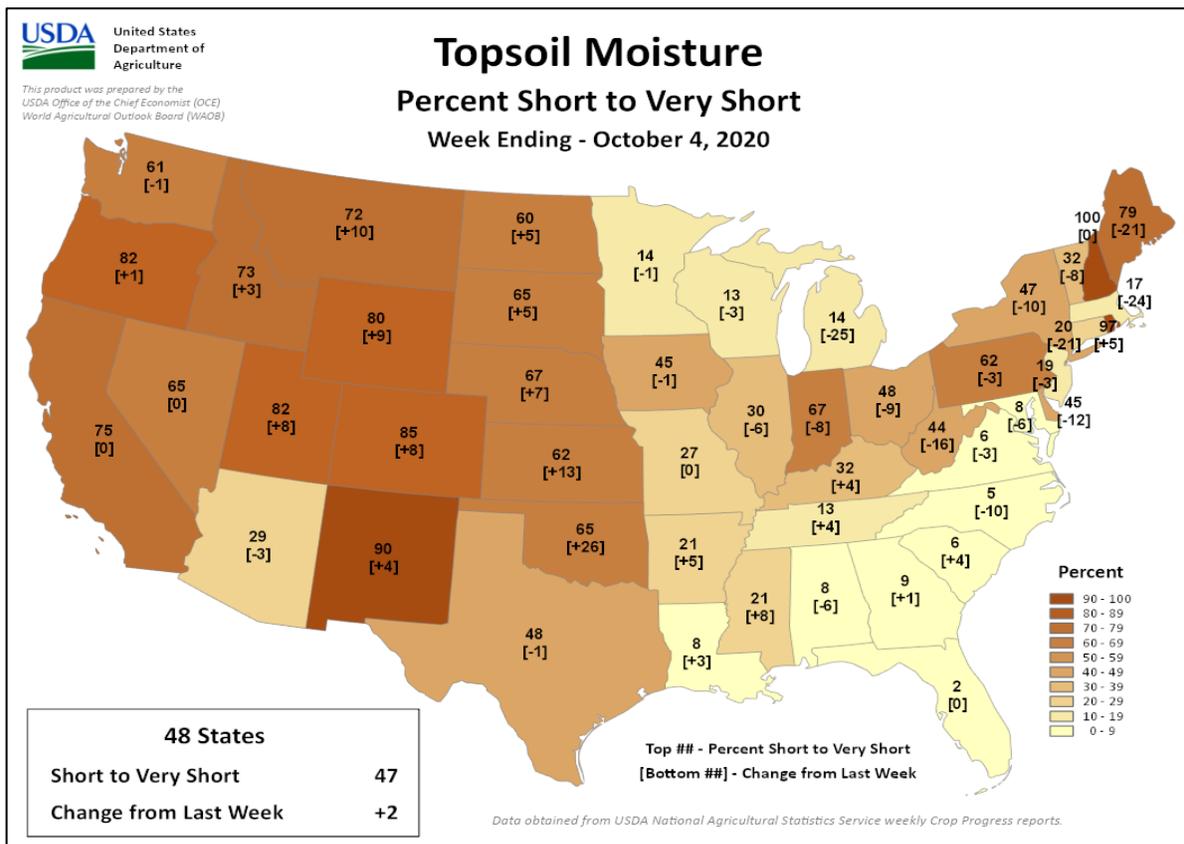
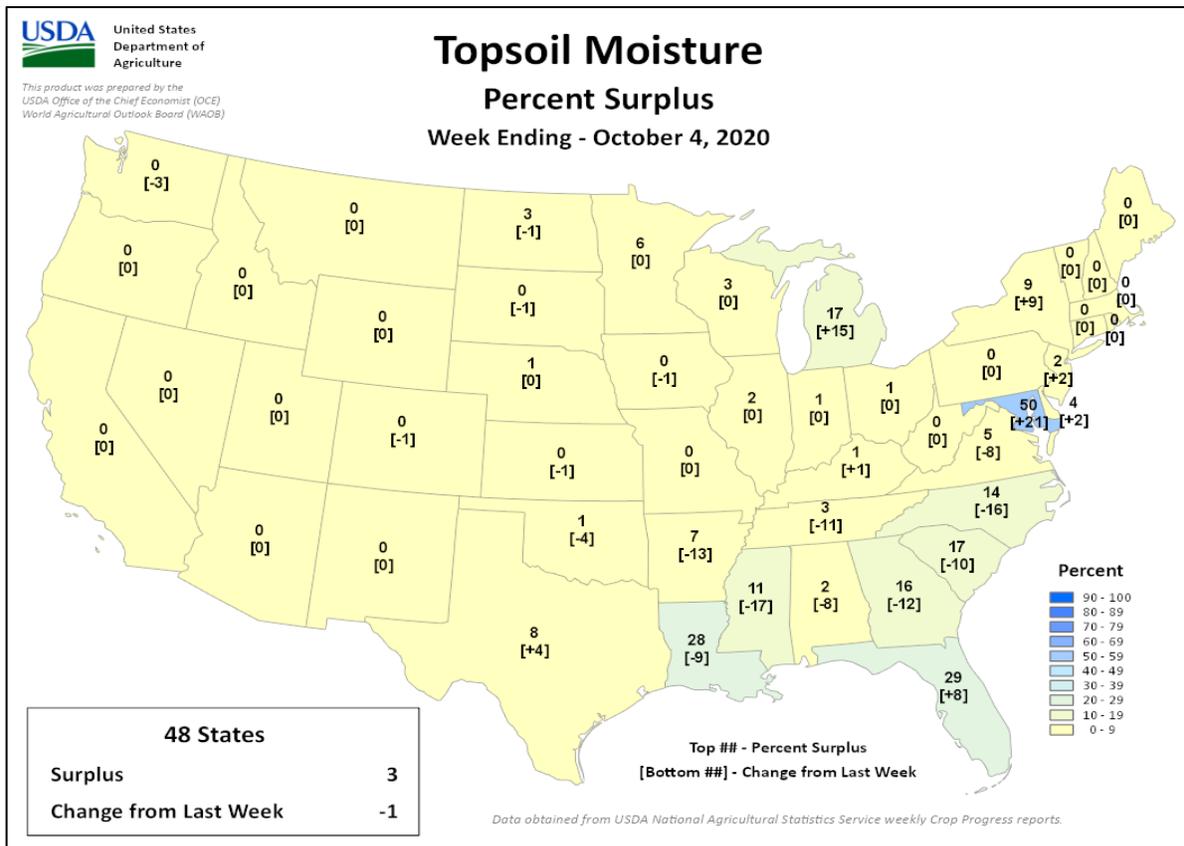
Pasture and Range Condition by Percent												
Week Ending Oct 4, 2020												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	0	2	21	69	8		NH	60	23	17	0	0
AZ	14	26	42	18	0		NJ	0	1	26	73	0
AR	2	12	40	41	5		NM	20	26	35	13	6
CA	45	10	35	10	0		NY	10	24	30	30	6
CO	19	39	32	10	0		NC	1	11	26	60	2
CT	78	16	3	3	0		ND	15	27	38	19	1
DE	1	21	33	39	6		OH	6	22	47	23	2
FL	1	3	21	57	18		OK	10	12	49	26	3
GA	2	7	28	55	8		OR	47	40	11	2	0
ID	10	28	31	31	0		PA	28	30	20	22	0
IL	3	10	31	52	4		RI	100	0	0	0	0
IN	15	20	37	26	2		SC	1	4	25	57	13
IA	15	26	39	19	1		SD	10	27	42	20	1
KS	8	18	36	33	5		TN	1	6	29	52	12
KY	2	7	26	58	7		TX	7	19	41	26	7
LA	0	3	22	72	3		UT	20	29	35	16	0
ME	53	37	10	0	0		VT	0	1	51	48	0
MD	0	14	36	42	8		VA	1	6	29	55	9
MA	78	16	3	3	0		WA	22	31	37	10	0
MI	8	18	38	31	5		WV	4	13	29	51	3
MN	4	7	36	48	5		WI	2	8	26	40	24
MS	2	11	32	49	6		WY	40	30	26	4	0
MO	3	16	27	49	5		48 Sts	16	22	36	22	4
MT	22	21	42	12	3							
NE	15	20	27	36	2		Prev Wk	17	23	34	23	3
NV	20	25	30	25	0		Prev Yr	10	17	28	37	8

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

Crop Progress and Condition

Week Ending October 4, 2020

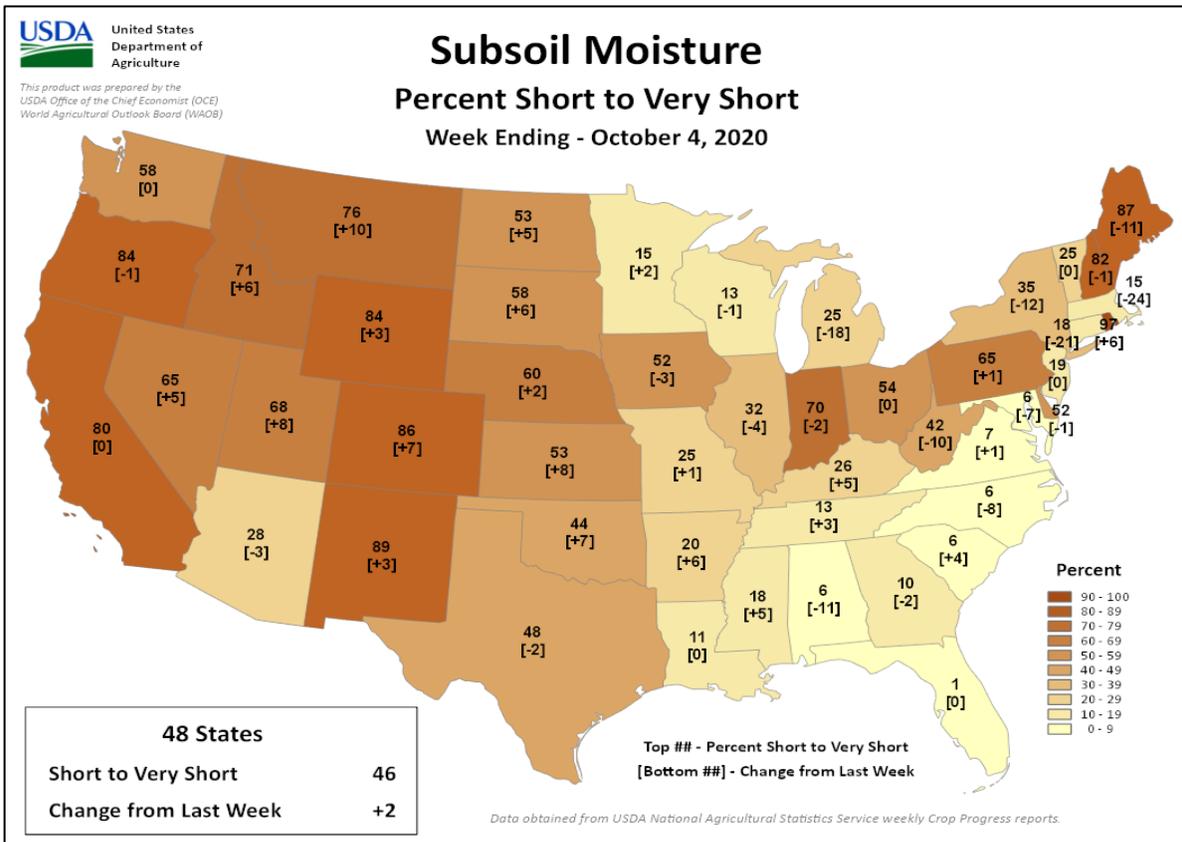
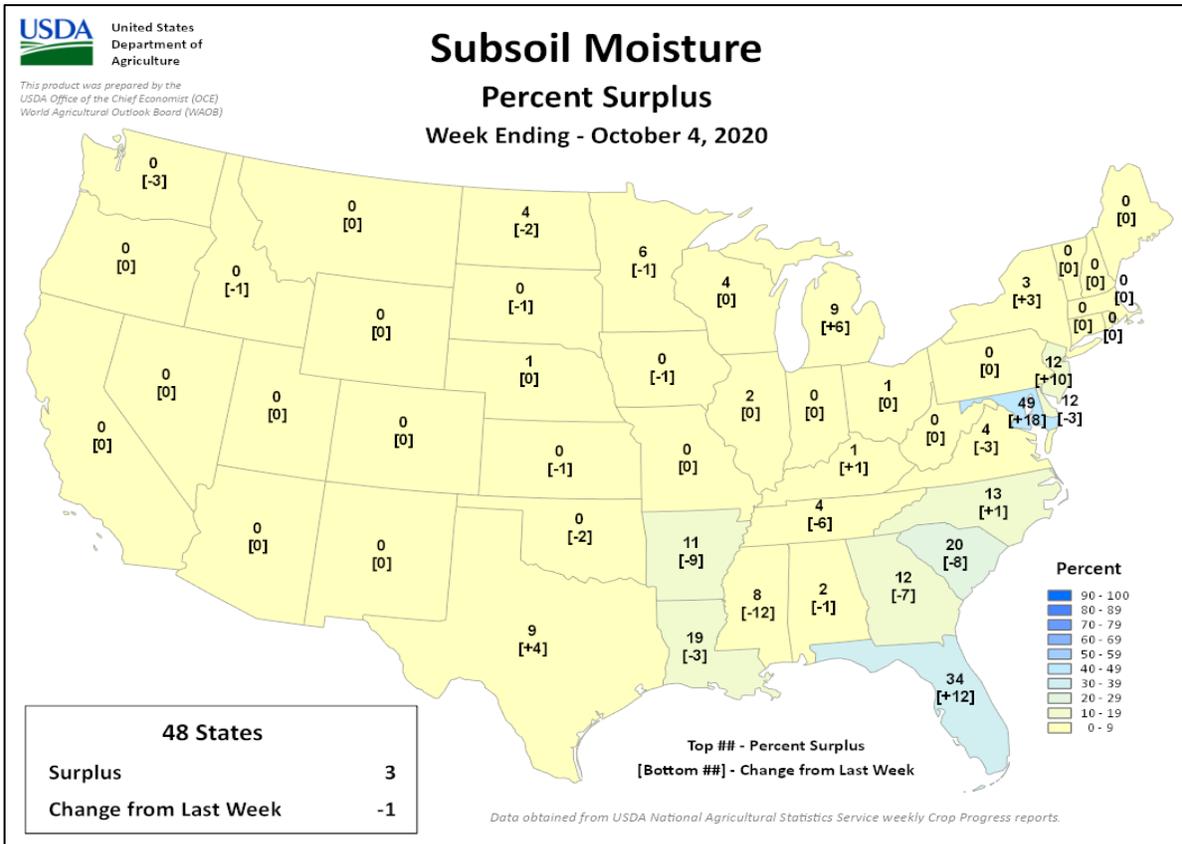
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending October 4, 2020

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



International Weather and Crop Summary

September 27 - October 3, 2020

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

EUROPE: Widespread rain eradicated lingering drought concerns in France and boosted moisture supplies for winter crops across much of the rest of Europe, although torrential rainfall caused localized flooding in northwestern Italy and southeastern France.

WESTERN FSU: Drought-easing rain in central and western Ukraine contrasted with intensifying severe drought in eastern Ukraine and western Russia.

MIDDLE EAST: Dry weather in Turkey favored fieldwork but raised the specter of autumn drought for a second consecutive year.

SOUTH ASIA: Drier weather spread southward in India with retreating monsoon rainfall.

EAST ASIA: Unfavorably wet weather continued across parts of southern China, while drier conditions supported maturation and harvesting of summer crops elsewhere.

SOUTHEAST ASIA: Widespread showers maintained good short-term moisture supplies for rice in Thailand, Indochina, and the Philippines.

AUSTRALIA: Showers benefited winter crops in the southeast, while relatively dry weather was unfavorable in the west.

ARGENTINA: Rain continued in southern winter grain areas as drier conditions dominated many northern farming areas.

BRAZIL: Rain is needed before soybean planting can become widespread.

MEXICO: Mild, sunny weather benefited filling summer corn.

CANADIAN PRAIRIES: Dry weather favored spring crop harvesting.

SOUTHEASTERN CANADA: Showers increased moisture for winter wheat establishment.

September 2020

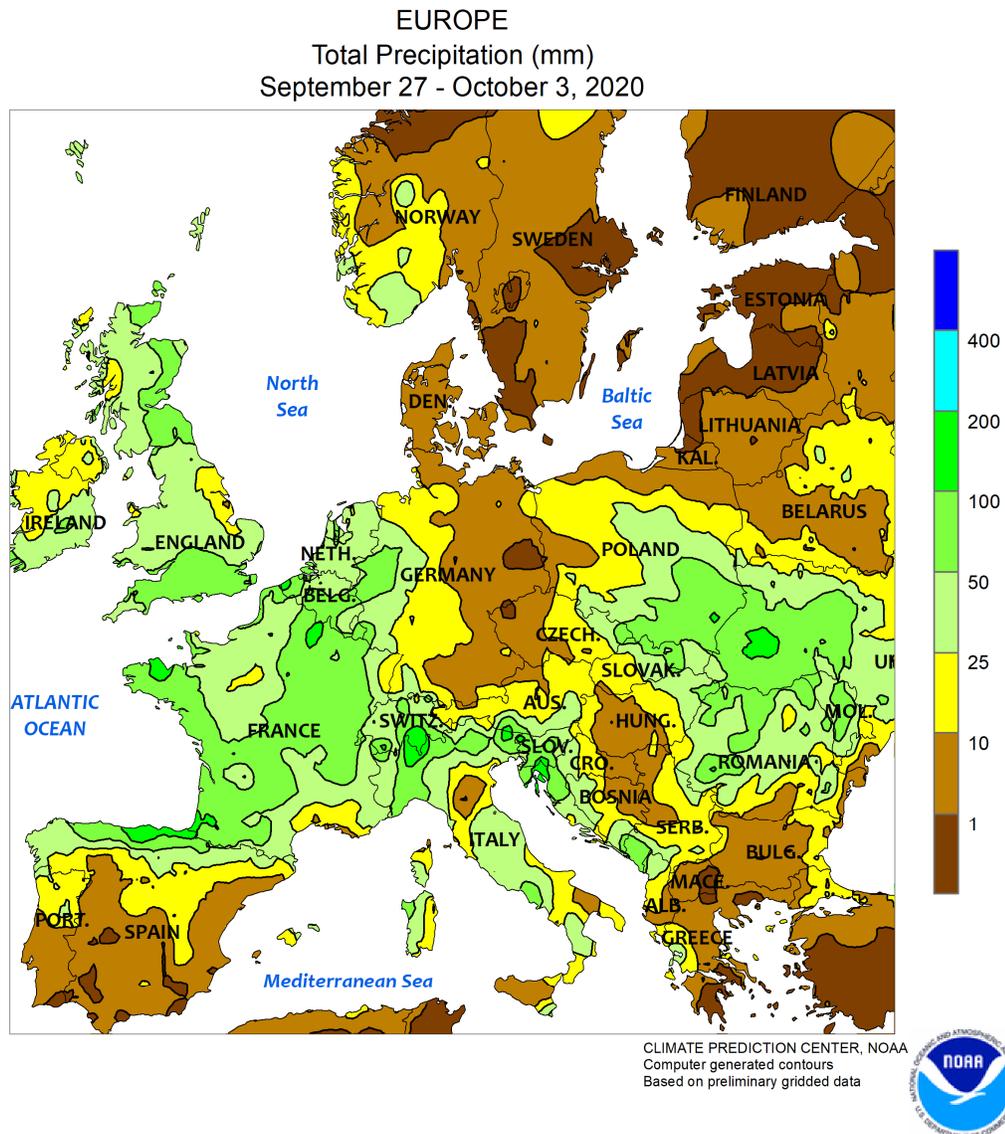
COUNTRY	CITY	TEMPERATURE					PRECIP.		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP
ALGERI	ALGER	30	17	32	11	24	0.6	16	-15
	BATNA	30	14	36	5	22	0.5	19	-20
ARGENT	IGUAZU	30	17	40	10	24	3.6	15	-126
	FORMOSA	29	15	42	7	22	2.3	47	-46
	CERES	25	10	38	3	18	1	23	-14
	CORDOBA	24	7	38	0	16	1.6	10	-23
	RIO CUARTO	22	8	32	0	15	1.3	1	-40
	ROSARIO	23	7	35	-2	15	0.5	46	-4
	BUENOS AIRES	20	7	30	-1	13	-0.3	76	20
AUSTRA	SANTA ROSA	20	6	30	-1	13	1	464	420
	TRES ARROYOS	18	5	26	-2	12	0.6	31	-24
	DARWIN	33	24	36	21	28	0.5	29	12
	BRISBANE	23	15	28	9	19	0.7	11	-22
	PERTH	21	11	30	5	16	1.1	58	-19
	CEDUNA	22	10	37	2	16	1.5	12	-13
	ADELAIDE	20	12	30	5	16	2	31	-16
AUSTRI	MELBOURNE	18	9	26	2	13	1.3	26	-19
	WAGGA	19	7	25	0	13	1.4	50	1
	CANBERRA	17	5	23	-1	11	1.2	41	-12
	VIENNA	22	12	28	6	17	1.1	148	80
	INNSBRUCK	22	11	29	1	17	2.7	178	102
	NASSAU	32	26	35	23	29	0.9	242	61
	BRIDGETOWN	32	25	33	23	28	1.3	138	-20
BAHAMA	MINSK	20	9	26	2	14	2.4	30	-30
	ST GEORGES	29	25	31	20	27	0.1	105	-25
BOLIVI	LA PAZ	16	0	19	-5	8	0.7	24	-4
BRAZIL	FORTALEZA	31	25	32	23	28	0.2	5	*****
	RECIFE	29	24	30	21	26	-0.3	20	-42
	CAMPO GRANDE	34	21	39	17	28	2.6	8	-66
	FRANCA	***	***	36	14	***	*****	1	-60
	RIO DE JANEI	29	21	38	18	25	2.1	63	18
	LONDRINA	33	18	39	13	26	5	6	-97
	SANTA MARIA	22	12	31	3	17	-0.3	166	4
BULGAR	SOFIA	26	12	33	6	19	3	26	-24
BURKIN	OUAGADOUGOU	32	24	39	21	28	0.6	220	95
CANADA	LETHBRIDGE	22	5	34	0	14	2	30	*****
	REGINA	20	4	31	-4	12	-0.3	11	-24
	WINNIPEG	19	8	30	1	14	-1.4	18	-34
	TORONTO	22	12	29	3	17	1.2	41	-31
	MONTREAL	20	10	28	2	15	-0.3	76	-9
	PRINCE ALBER	18	3	29	-7	10	-0.5	34	-4
	CALGARY	20	7	29	1	13	2.4	20	-26
VANCOUVER	20	13	25	9	16	1.5	59	0	
CANARY	LAS PALMAS	28	22	36	21	25	1.2	2	-4
CHILE	SANTIAGO	22	6	28	1	14	2.6	0	-21
CHINA	HARBIN	20	13	27	6	17	1.4	217	166
	HAMI	28	12	36	7	20	1.6	3	-1
	BEIJING	27	17	34	11	22	1.4	96	48
	TIENTSIN	27	17	34	10	22	0.2	242	199
	LHASA	24	12	26	8	18	4.1	60	-9
	KUNMING	24	17	27	13	20	1.7	110	-5
	CHENGCHOW	30	19	35	15	24	3.3	56	-23
	YECHANG	26	19	33	15	22	0.2	97	-26
	HANKOW	27	20	34	16	24	0.4	196	121
	CHUNGKING	26	21	35	18	24	-1	212	88
	CHIHKIANG	24	20	34	16	22	-1.7	308	249
	WU HU	28	20	34	16	24	-0.2	178	88
	SHANGHAI	28	21	34	17	24	0.2	202	92
NANCHANG	27	21	34	18	24	-1.3	182	112	
TAIPEI	31	25	37	21	28	0.3	119	-174	
CANTON	32	24	37	22	28	2.3	360	165	
NANNING	31	24	37	20	28	1.2	81	-45	
COLOMB	BOGOTA	20	8	22	3	14	0.9	124	61
COTE D	ABIDJAN	28	24	30	23	26	0.4	39	-47
CUBA	CAMAGUEY	31	25	33	23	28	0.6	2	*****
CYPRUS	LARNACA	34	23	39	21	28	3	0	-3
CZECHR	PRAGUE	21	10	30	2	15	1.9	59	21
DENMAR	COPENHAGEN	20	12	24	3	16	1.6	31	-21
EGYPT	CAIRO	35	24	38	22	30	2.3	0	*****
ESTONI	TALLINN	18	11	23	4	14	2.9	49	-18

Based on Preliminary Reports

September 2020

COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)				COUNTRY	CITY	TEMPERATURE (C)					PRECIP. (MM)			
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM	AVG MAX			AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM		
ETHIOP	ADDIS ABABA	21	13	24	11	17	0.6	214	55	MOZAMB	MAPUTO	26	17	38	13	22	-0.7	12	-14		
F GUIA	CAYENNE	33	23	34	22	28	1.2	153	94	N KORE	PYONGYANG	25	16	28	11	21	0.4	243	150		
FIJI	NAUSORI	27	21	31	18	24	1.2	250	78	NEW CA	NOUMEA	25	19	32	15	22	0.7	27	-14		
FINLAN	HELSINKI	17	10	21	3	13	2.5	86	23	NIGER	NIAMEY	34	25	38	20	29	0	124	38		
FRANCE	PARIS/ORLY	24	14	34	8	19	2.6	40	-7	NORWAY	OSLO	16	8	22	3	12	2	70	-12		
	STRASBOURG	24	12	33	3	18	2.6	20	-43	NZEALA	AUCKLAND	17	10	21	4	13	0.1	44	-43		
	BOURGES	25	12	36	7	19	2.5	36	-24		WELLINGTON	15	10	17	4	12	0.3	143	76		
	BORDEAUX	26	14	36	4	20	2.1	83	-1	P RICO	SAN JUAN	32	26	34	25	29	0.4	132	-14		
	TOULOUSE	26	14	35	8	20	1.7	41	-6	PAKIST	KARACHI	35	29	38	28	32	2.5	0	-13		
	MARSEILLE	27	16	32	10	22	1.1	80	1	PERU	LIMA	19	15	22	14	17	0.1	0	*****		
GABON	LIBREVILLE	***	***	30	***	***	*****	30	-102	PHILIP	MANILA	33	26	35	24	30	1.1	185	-145		
GERMAN	HAMBURG	20	10	30	2	15	0.8	49	-19	PNEWGU	PORT MORESBY	30	25	33	23	28	0.6	110	84		
	BERLIN	22	11	31	5	17	1.9	53	6	POLAND	WARSAW	21	10	29	4	16	2.3	68	23		
	DUSSELDORF	22	10	34	5	16	0.6	67	8		LODZ	21	9	29	1	15	0.9	60	12		
	LEIPZIG	22	11	30	5	16	1.9	59	10		KATOWICE	20	10	28	3	15	1.3	101	36		
	DRESDEN	21	11	30	4	16	1.8	50	-1	PORTUG	LISBON	28	19	37	15	24	1.3	29	1		
	STUTTGART	22	11	30	3	16	2.1	49	-12	ROMANI	BUCHAREST	28	13	35	2	20	3.8	54	0		
	NURNBERG	22	10	30	2	16	2.0	62	12	RUSSIA	ST.PETERSBUR	18	11	24	5	14	3.0	67	2		
	AUGSBURG	21	8	29	0	15	0.7	61	-5		KAZAN	18	9	31	4	14	1.5	25	-28		
GREECE	THESSALONIKA	29	18	33	13	24	1.6	13	-13		MOSCOW	19	10	25	5	14	3.0	81	13		
	LARISSA	30	16	38	11	23	0.9	42	16		YEKATERINBUR	16	8	28	0	12	2.5	72	9		
	ATHENS	31	22	35	18	26	1.9	20	8		OMSK	17	6	30	-2	12	1.1	40	3		
GUADEL	RAIZET	32	24	32	22	28	0.8	154	13		BARNAUL	17	6	30	-2	12	0.7	53	20		
HONGKO	HONG KONG IN	32	27	36	25	30	0.2	251	*****		KHABAROVSK	20	12	29	4	16	2.1	95	10		
HUNGAR	BUDAPEST	25	13	31	7	19	2.3	40	-6		VLADIVOSTOK	19	14	24	9	16	0.3	138	24		
ICELAN	REYKJAVIK	10	6	14	-2	8	-0.2	104	30		VOLGOGRAD	25	10	36	2	18	1.4	0	-28		
INDIA	AMRITSAR	35	25	37	21	30	1.5	19	-62		ASTRAKHAN	25	13	35	4	19	1.1	8	-10		
	NEW DELHI	36	26	38	22	31	1.4	21	-109		ORENBURG	21	7	34	2	14	-0.1	25	-3		
	AHMEDABAD	34	26	37	24	30	1.0	76	-14	S AFRI	JOHANNESBURG	24	10	28	4	17	0.7	5	-23		
	INDORE	32	22	34	20	27	1.3	210	62		DURBAN	23	15	33	11	19	-0.3	80	9		
	CALCUTTA	34	27	37	25	30	1.3	82	-213		CAPE TOWN	19	9	27	4	14	0.0	162	114		
	VERAVAL	32	27	35	25	30	1.4	59	*****	S KORE	SEOUL	26	18	30	14	22	0.7	183	13		
	BOMBAY	32	25	34	24	28	0.8	544	*****	SAMOA	PAGO PAGO	30	25	32	22	28	0.3	374	180		
	POONA	31	22	35	19	26	0.9	197	51	SENEGA	DAKAR	31	25	34	22	28	0.4	190	55		
	BEGAMPET	31	23	35	21	27	0.5	208	69	SPAIN	VALLADOLID	26	12	34	5	19	0.9	48	18		
	VISHAKHAPATN	33	27	35	25	30	1.4	142	-45		MADRID	28	14	35	6	21	0.5	81	59		
	MADRAS	33	25	36	23	29	-0.6	171	19		SEVILLE	33	19	38	15	26	0.8	14	*****		
	MANGALORE	29	23	32	22	26	-0.4	996	*****	SWITZE	ZURICH	21	12	28	5	17	2.7	36	-63		
INDONE	SERANG	34	24	35	22	29	0.9	56	3		GENEVA	23	13	30	5	18	2.6	61	-31		
IRELAN	DUBLIN	17	10	23	1	13	0.4	62	3	SYRIA	DAMASCUS	39	18	45	12	29	4.7	0	0		
ITALY	MILAN	26	15	32	4	21	0.7	94	22	TAHITI	PAPEETE	30	23	31	22	26	0.6	10	-45		
	VERONA	26	15	31	7	21	0.7	70	-8	TANZAN	DAR ES SALAA	31	20	33	19	26	1.3	9	-9		
	VENICE	25	16	31	9	21	1.1	50	-32	THAILA	PHITSANULOK	33	25	36	23	29	1.0	215	-27		
	GENOA	26	20	33	12	23	1.2	147	61		BANGKOK	34	26	37	25	30	1.9	365	30		
	ROME	28	17	33	10	22	1.0	92	30	TOGO	TABLIGBO	31	23	34	20	27	0.1	134	*****		
	NAPLES	29	19	35	11	24	1.8	135	60	TRINID	PORT OF SPAI	33	24	35	21	29	1.3	281	97		
JAMAIC	KINGSTON	33	25	34	23	29	0.3	90	-51	TUNISI	TUNIS	30	21	34	15	25	0.2	48	7		
JAPAN	SAPPORO	24	17	33	11	21	2.6	57	-78	TURKEY	ISTANBUL	28	20	33	16	24	2.6	23	-16		
	NAGOYA	30	23	36	17	26	1.9	236	1		ANKARA	29	13	38	8	21	3.9	5	-15		
	TOKYO	28	22	35	15	25	0.7	123	-87	TURKME	ASHKHABAD	30	17	37	9	24	2.2	0	-4		
	YOKOHAMA	28	22	34	16	25	1.3	112	-124	UKINGD	ABERDEEN	16	8	22	2	12	0.1	33	-33		
	KYOTO	30	22	37	17	26	1.4	118	-75		LONDON	22	12	30	6	17	0.8	20	-32		
	OSAKA	30	23	36	18	27	1.6	102	-60	UKRAIN	KIEV	24	13	35	7	19	4.4	32	-25		
KAZAKH	KUSTANAY	18	7	32	1	12	-0.2	59	34		LVOV	22	9	29	2	16	2.4	101	35		
	TSELINOGRAD	18	7	33	0	12	-0.5	28	9		KIROVOGRAD	26	11	36	4	18	3.1	58	17		
	KARAGANDA	17	5	30	-1	11	-0.5	31	10		ODESSA	25	16	31	10	20	3.3	41	-7		
KENYA	NAIROBI	25	14	30	11	20	-0.7	44	30		KHARKOV	25	12	35	3	18	4.0	1	-49		
LIBYA	BENGHAZI	***	***	38	***	***	*****	1	*****	UZBEKI	TASHKENT	28	14	34	8	20	-0.1	1	-6		
LITHUA	KAUNAS	20	10	27	5	15	3.1	12	-39	VENEZU	CARACAS	***	***	***	***	***	*****	*****	*****		
LUXEMB	LUXEMBOURG	22	12	32	7	17	3.0	56	-19	YUGOSL	BELGRADE	27	17	32	10	22	3.8	31	-16		
MALAYS	KUALA LUMPUR	33	24	35	23	29	1.4	345	128	ZAMBIA	LUSAKA	***	***	37	12	***	*****	*****	*****		
MALI	BAMAKO	32	22	36	20	27	0.0	156	-34	ZIMBAB	KADOMA	***	***	27	***	***	*****	*****	*****		
MARSHA	MAJURO	30	28	31	26	29	0.9	287	-21												
MARTIN	LAMENTIN	33	25	35	22	29	1.2	163	-51												
MAURIT	NOUAKCHOTT	34	27	45	23	31	0.7	*****	*****												
MEXICO	GUADALAJARA	28	18	30	12	22	1.3	218	*****												
	TLAXCALA	22	14	27	9	18	0.9	129	31												
	ORIZABA	26	18	30	16	22	1.0	382	*****												
MOROCC	CASABLANCA	27	20	34	16	24	1.1	3	-4												
	MARRAKECH	36	20	40	16	28	2.8	0	-8												

Based on Preliminary Reports

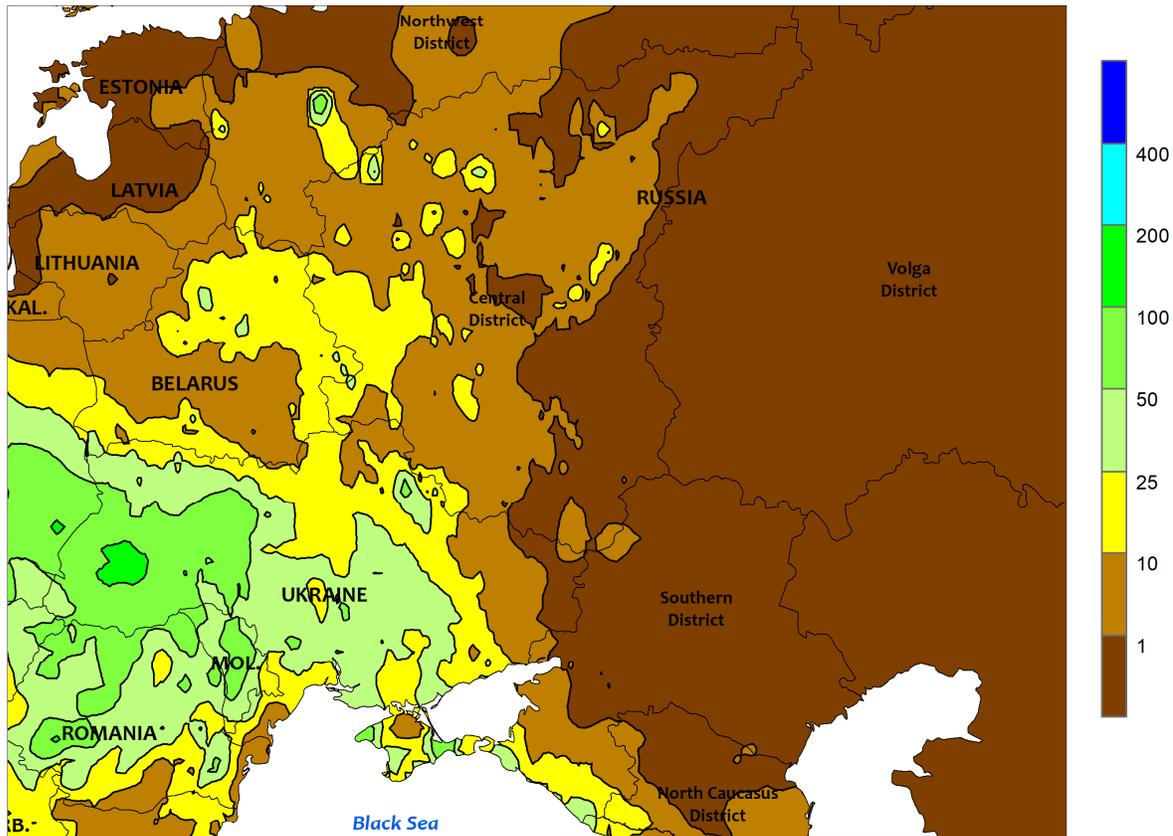


EUROPE

Near- to above-normal rainfall continued across much of Europe for a second consecutive week. In France, where drought from mid-June into mid-September left soils devoid of moisture for winter crop planting, additional widespread moderate to heavy showers (20-75 mm) eradicated lingering long-term deficits and further improved prospects for winter wheat and rapeseed establishment. However, sub-tropical moisture from the Mediterranean Sea interacting with the elevated terrain of southeastern France and northern Italy resulted in very heavy rain (50-125 mm), with torrential downpours (locally more than 300 mm) in the mountains immediately adjacent Italy's western Piedmont region causing extreme flooding and damage to infrastructure, rice, and pastures. Much of the rest of Europe also received another round of moderate to heavy rainfall (10-50 mm), boosting soil moisture for winter barley, wheat, and rapeseed establishment, especially in the previously-dry

portions of England and southeastern Europe. Despite the wet weather pattern across the continent, showers largely bypassed eastern Germany (5 mm or less), although soil moisture was in good supply following heavy rain at the end of September. Scattered albeit highly variable showers (2-25 mm) in Spain provided topsoil moisture for winter wheat and barley planting and emergence, though the majority of Spain's winter grain sowing typically occurs later in the autumn when the rainy season has become firmly established. Drier weather settled over Greece, where producers are assessing the impacts of last week's heavy showers and Medicane Ianos' strong winds and heavy downpours during the third week of September on mature cotton. Markedly cooler weather across much of western and southern Europe (1-5°C below normal) contrasted with lingering warmth (2-4°C above normal) in eastern-most growing areas.

WESTERN FSU
 Total Precipitation (mm)
 September 27 - October 3, 2020



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

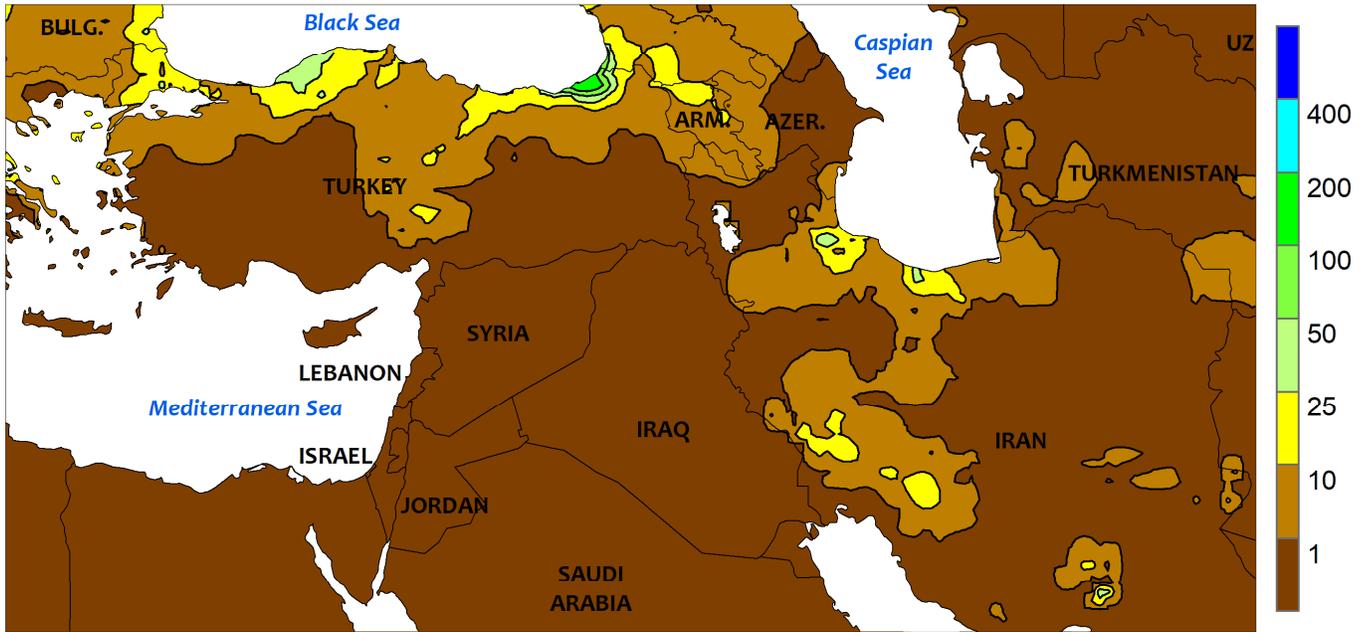


WESTERN FSU

Drought-easing rains in western growing areas contrasted with intensifying drought in central and eastern croplands. While high pressure remained anchored over western Russia, a meandering storm system on the southwestern periphery of the high produced moderate to heavy rainfall (25-100 mm, locally more) across central and western Ukraine as well as Moldova. The rain provided sorely-needed moisture for winter crop establishment, although there was a sharp gradient toward total dryness across Ukraine’s eastern crop areas. Nevertheless, long-term deficits lingered in areas that received rain and worsened in areas that missed out; since July 15, Ukraine’s regional-average rainfall improved to 55 percent of normal (third driest over the past 30 years) in key southern winter wheat oblasts as a result of this week’s moisture, but remained mired at 25 percent of normal (driest on record) in eastern

croplands. Farther east, conditions for winter wheat establishment in Russia deteriorated further, with no rain reported save for southern-most portions of the Southern District (Krasnodar Krai, 2 to 20 mm). Since August 5, Russia’s regional-average rainfall totals are the lowest over the past 30 years — from south to north — in Stavropol (20 percent of average), Rostov (10 percent), Volgograd (20 percent), and southern portions of the Central District (30 percent of average). Krasnodar Krai in the southwestern Southern District improved marginally to 40 percent of average, still the third driest over the past 30 years. Time is quickly running out for Russia’s winter wheat establishment prospects, as crops in the Southern District typically go dormant in early and late November in northern and southern portions of the region, respectively.

MIDDLE EAST
Total Precipitation (mm)
September 27 - October 3, 2020



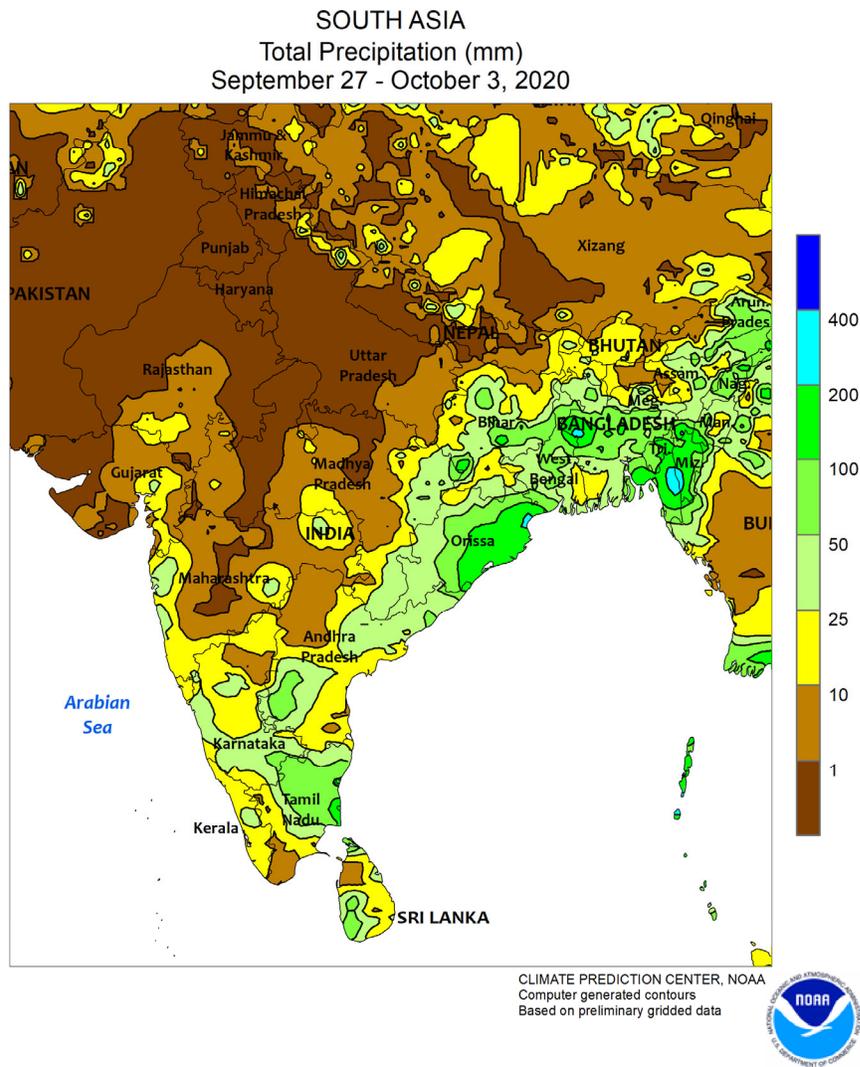
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data



MIDDLE EAST

Despite some scattered showers, mostly dry weather in Turkey raised concerns over developing drought. Showers on central Turkey's Anatolian Plateau — a key winter grain area — totaled 5 mm or less, with this region's total rainfall since September 1 averaging only 55 percent of normal. There is still ample time for wheat and barley establishment in central Turkey, where crops typically go dormant in late November. However, the early-season dryness has raised

the specter of autumn drought for a second consecutive year. Scattered moderate to locally heavy showers were noted along the Black Sea Coast (8-40 mm), while dry weather across the rest of Turkey favored summer crop harvesting. Farther east, widespread albeit highly variable showers (1-25 mm) were noted across much of northwestern Iran, providing early-season moisture for wheat and barley emergence.

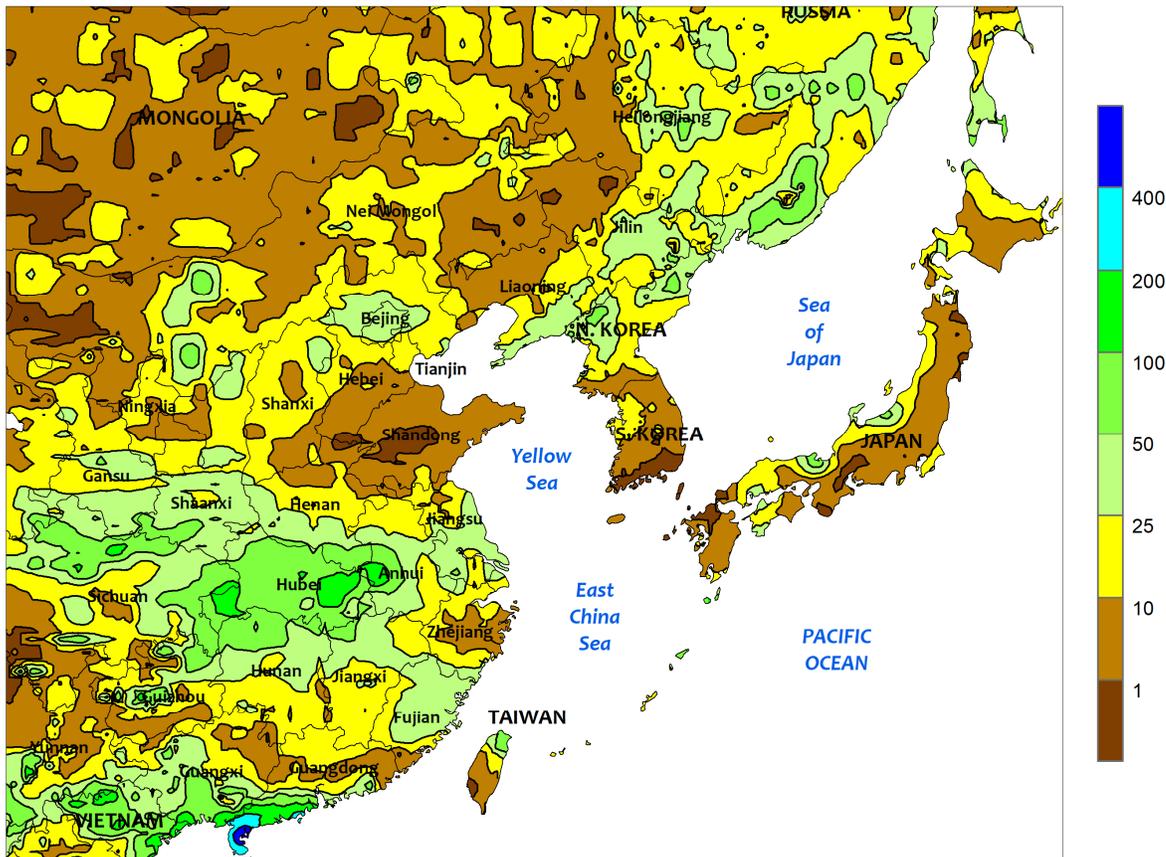


SOUTH ASIA

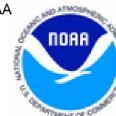
The southwest monsoon continued its withdrawal from northern India, bringing drier conditions to all but eastern and southern states. The dry weather aided maturing rice and open cotton bolls in northern India (and Pakistan) while promoting development of cotton and oilseeds in western India. Showers continued to provide late-season moisture to immature rice in eastern India (Odisha and environs) as well as immature kharif

crops (particularly cotton) in the south. The southwest monsoon typically begins withdrawing from northern India and Pakistan around mid-September and fully withdraws during the latter half of October. Overall, the Indian Meteorological Department reported seasonal (June-September) rainfall at 108 percent of normal, with reservoirs near capacity for the upcoming rabi crop season.

EASTERN ASIA
Total Precipitation (mm)
September 27 - October 3, 2020



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

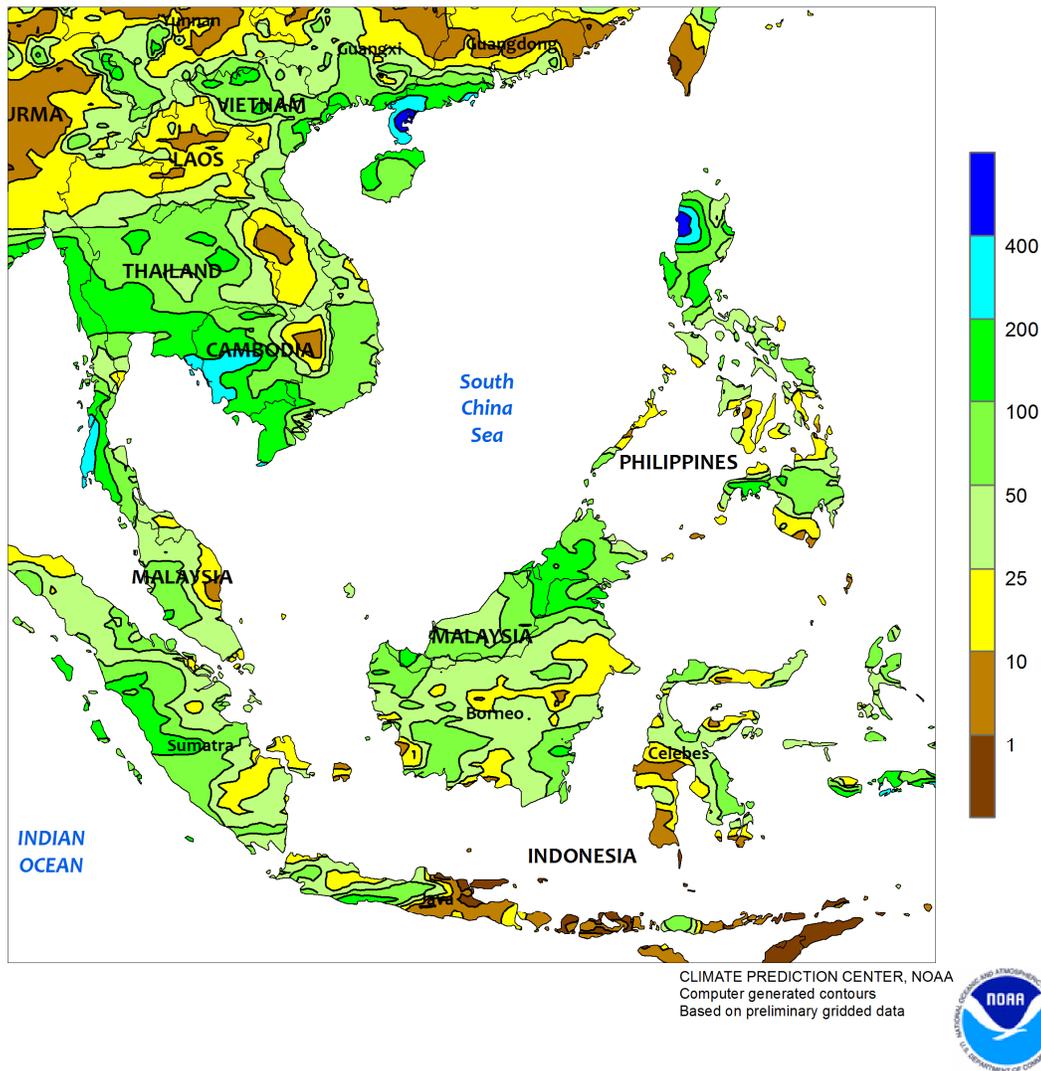


EASTERN ASIA

Rainfall was primarily concentrated in southern sections of China, particularly the Yangtze Valley, where totals were between 25 to locally over 200 mm. This area experienced record summer wetness and soils are already saturated. Drier weather would be welcome to aid summer harvest activities as well as rapeseed sowing that will take

place in the next few weeks. Meanwhile, beneficially dry weather supported maturation and harvesting of summer grains and oilseeds on the North China Plain and in the northeast. In addition, mostly dry weather aided maturation and harvesting of rice and other crops on the Korean Peninsula and across Japan.

SOUTHEAST ASIA
 Total Precipitation (mm)
 September 27 - October 3, 2020

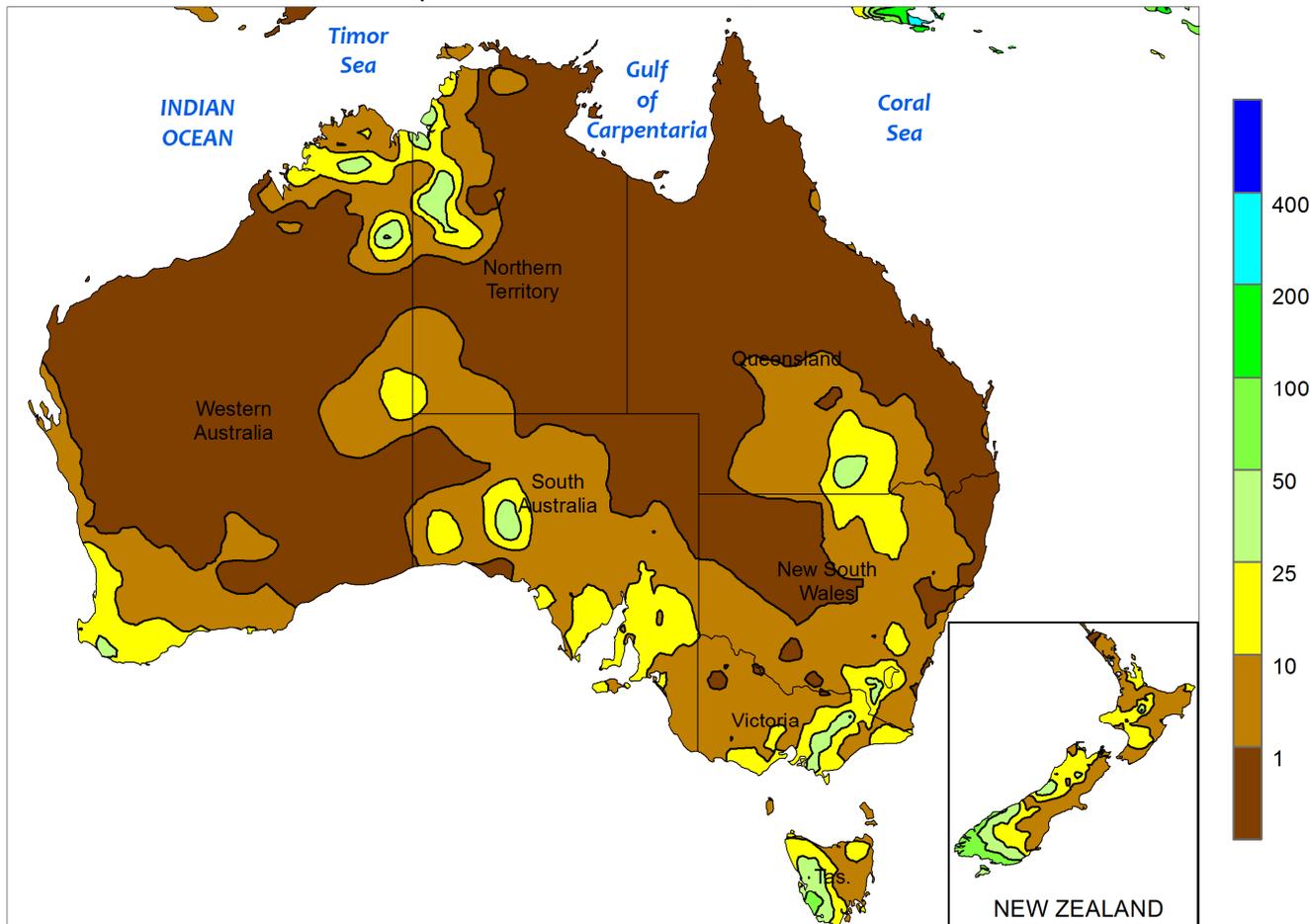


SOUTHEAST ASIA

Region-wide rainfall continued to provide beneficial mid-season moisture to vegetative to reproductive rice. After a poor start to the rainy season and inconsistent rainfall thereafter, rainfall since mid-September has been near to above normal throughout Thailand and environs, stabilizing rice yields. However, more rain is needed to prevent further yield declines and to increase reservoir levels for the upcoming dry-season rice crop. Similarly, showers have

become more consistent in key northern rice and corn areas of the Philippines. Despite receiving over 1,000 mm of rain since June 1 in the northwest, totals remained about 60 percent of normal. Elsewhere, showers (25-100 mm or more) in Malaysia and Indonesia maintained good soil moisture for oil palm, while increasing showers in southwestern Indonesia (western Java) indicated the start of the wet season nearly a month ahead of usual.

AUSTRALIA
Total Precipitation (mm)
September 27 - October 3, 2020



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 gridded data

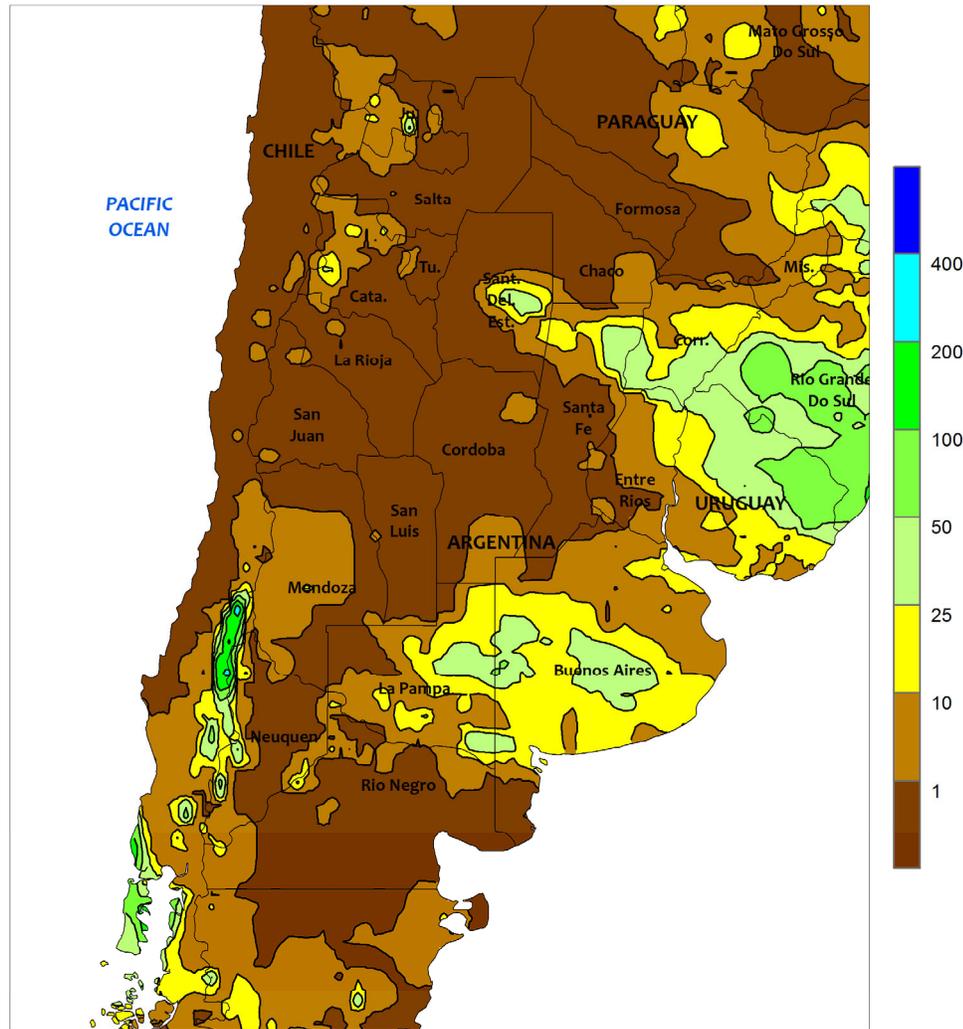


AUSTRALIA

Scattered showers (5-20 mm) in South Australia, Victoria, and New South Wales helped maintain the good to locally excellent yield potential of reproductive winter grains and oilseeds. In contrast, much less rain fell (generally less than 5 mm) across the Western Australia wheat belt, where rainfall has trended below normal in recent weeks. The relatively dry weather has been unfavorable for winter crops, potentially reducing the yield prospects of some crops advancing through the critical reproductive stages of development. Elsewhere in the wheat

belt, mostly dry weather persisted in major crop producing areas of southern Queensland. The dryness hastened development of immature winter wheat, while planting of sorghum and other dryland summer crops was likely slowed by the lack of topsoil moisture. However, sowing of cotton and other irrigated summer crops probably began in some areas. Temperatures averaged 1 to 2°C below normal in southern Queensland and New South Wales, 1 to 3°C above normal in Victoria and South Australia, and near normal in Western Australia.

ARGENTINA
Total Precipitation (mm)
September 27 - October 3, 2020



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

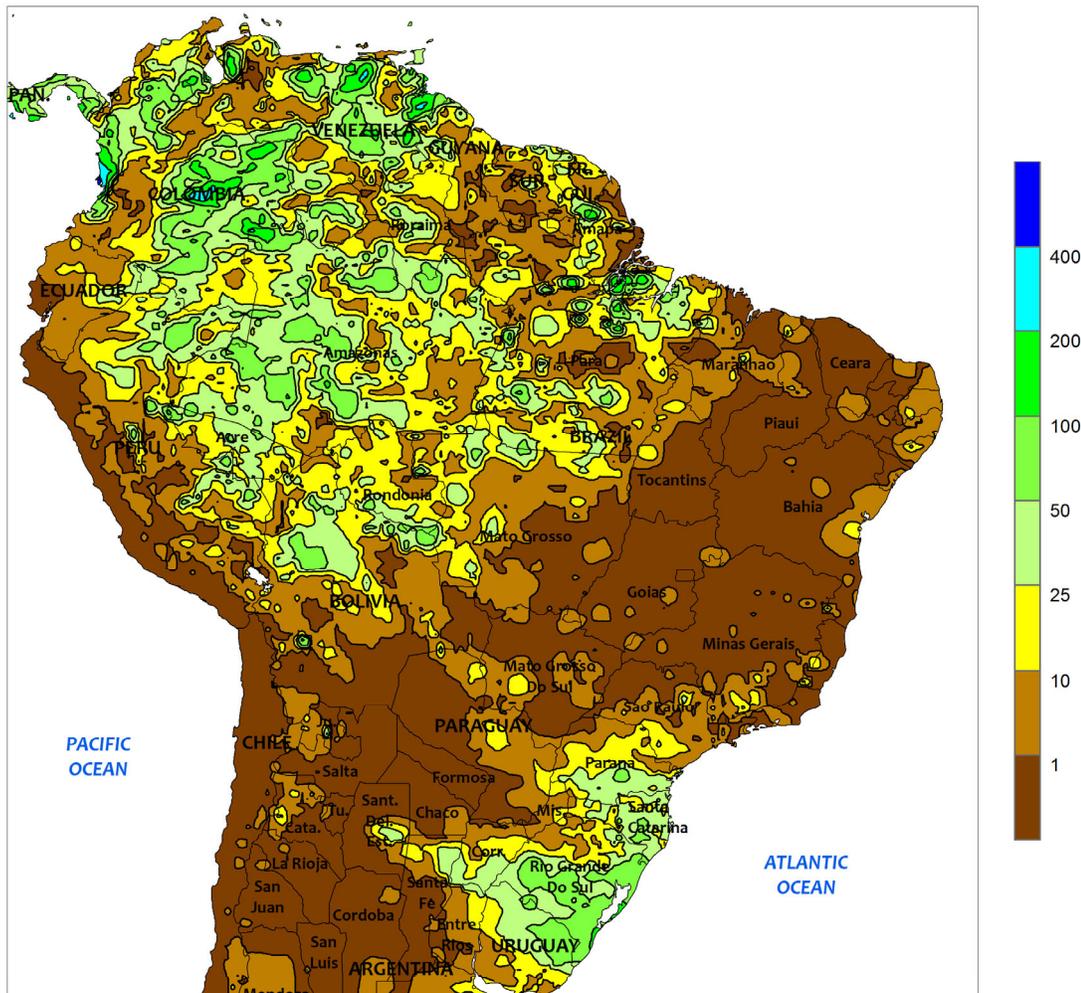


ARGENTINA

Showers continued across Argentina’s southern winter grain areas, but drier conditions returned to high-yielding production areas to the north. Rainfall totaled 10 to 35 mm across La Pampa and central and southern farming areas in Buenos Aires. Similar amounts were recorded in the vicinity of northern Entre Rios, but drier conditions prevailed elsewhere. Weekly average temperatures were near to slightly below normal in La Pampa, Buenos Aires, and neighboring locations from Cordoba to Entre Rios, but frost was confined to traditionally colder southern

locations. Temperatures averaged 2 to 4°C above normal farther north, with daytime highs reaching well into the 40s (degrees C) in the vicinity of Chaco and Formosa. According to the government of Argentina, corn was 19 percent planted as of October 1, equal to last year’s pace; planting was 3 and 16 percent complete, respectively, in Buenos Aires and Cordoba, slightly lagging last year’s pace in both provinces. Sunflower planting was unchanged at 24 percent complete, as planting transitions to southern production areas.

BRAZIL
Total Precipitation (mm)
September 27 - October 3, 2020



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

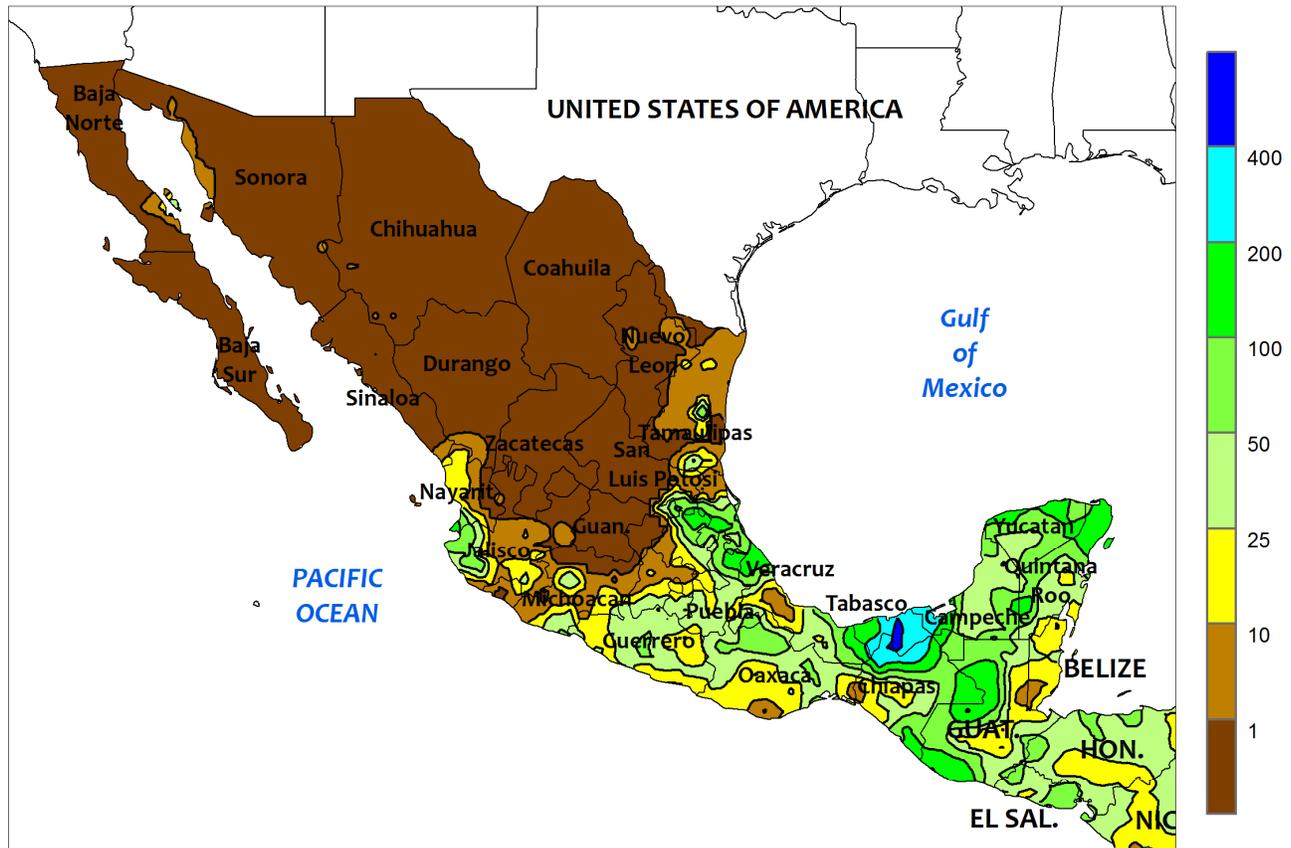


BRAZIL

Warm, dry weather continued to dominate Brazil’s central farming areas, delaying the start of soybean planting for some producers. A large part of the region extending from southern Mato Grosso and northern Mato Grosso do Sul eastward to the coast reported complete dryness, with daytime highs reaching into the lower 40s (degrees C) on most days; this level of heat is common in central Brazil prior to the arrival of seasonal rainfall. According to the government of Mato Grosso, soybean planting was just 2 percent complete, lagging last year’s pace by 5 points. Elsewhere, unseasonable warmth and dryness extended southeastward into Parana, Sao Paulo, and Minas Gerais, as seasonable amounts of rainfall (greater than 25 mm) were

generally confined to southern production areas in Rio Grande do Sul. The drier conditions in the southeast were untimely for the early stages of crop development, not only for row crops but also for sugarcane, coffee, and other crops specific to that region. Daytime highs reaching into the upper 30s and lower 40s exacerbated the impact of the dryness on southern crops. According to the government of Parana, wheat was 63 percent harvested as of September 28, with 51 percent of the remainder mature; first-crop corn and soybeans were 40 and 3 percent planted, respectively, underscoring the need for rain. In contrast, only 1 percent of wheat in Rio Grande do Sul was harvested as of October 1, while corn was 53 percent planted.

MEXICO
 Total Precipitation (mm)
 September 27 - October 3, 2020



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

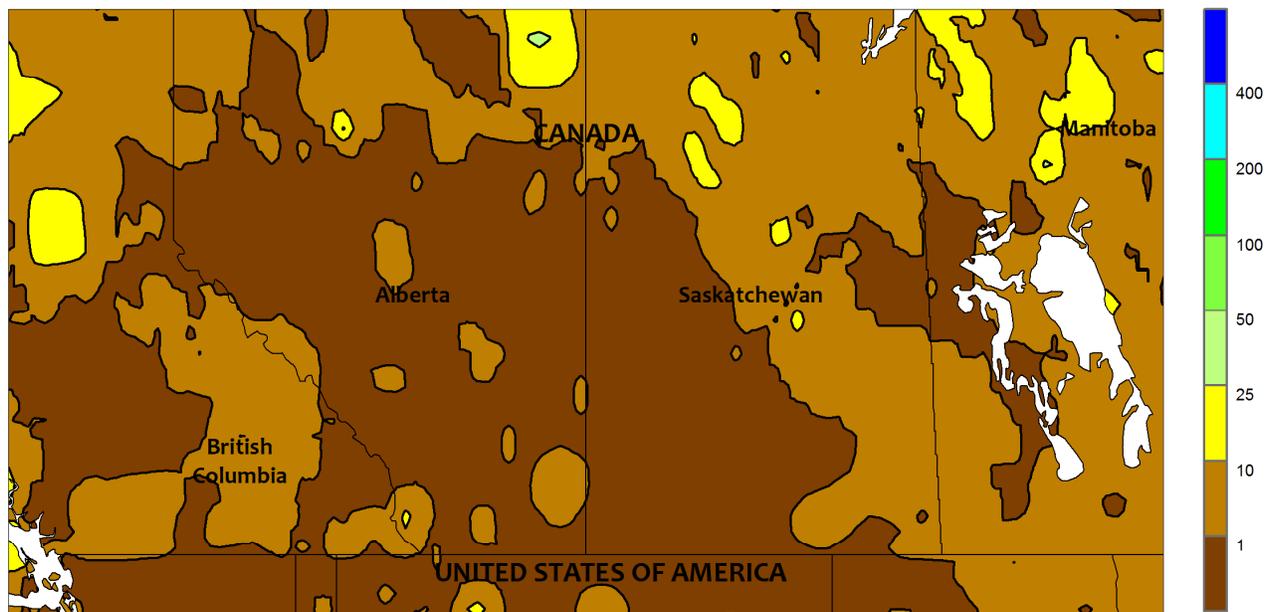


MEXICO

Sunny, occasionally warm weather prevailed in northern and central Mexico, promoting more rapid development of corn and other filling to maturing summer crops but lowering recharge rates of northern reservoirs. A large section of the country stretching from Guanajuato northward recorded complete dryness, with just a few light showers (rainfall mostly totaling below 5 mm) in Jalisco and Michoacan. Somewhat heavier rain (10-50 mm) fell in eastern sections of the southern plateau (in and around Puebla), though dry weather dominated for the remainder of the week. Daytime highs reaching the middle and upper 20s (degrees C) across the southern plateau promoted rapid crop progress without

stressful heat. In contrast, summer heat (highs reaching the upper 30s and lower 40s) maintained high evaporative losses in the drier north and sustained high water requirements for livestock. Elsewhere, heavy rain (100-200 mm, locally higher) was again concentrated over Tabasco and nearby locations in Chiapas and Oaxaca, causing some flooding, while less intense showers (50-100 mm, locally exceeding 200 mm) were scattered between northern Oaxaca to northern Veracruz. At week's end, Tropical Storm Gamma was moving eastward across the Yucatan Peninsula (additional information will appear in next week's *Weekly Weather and Crop Bulletin*).

CANADIAN PRAIRIES
Total Precipitation (mm)
September 27 - October 3, 2020



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

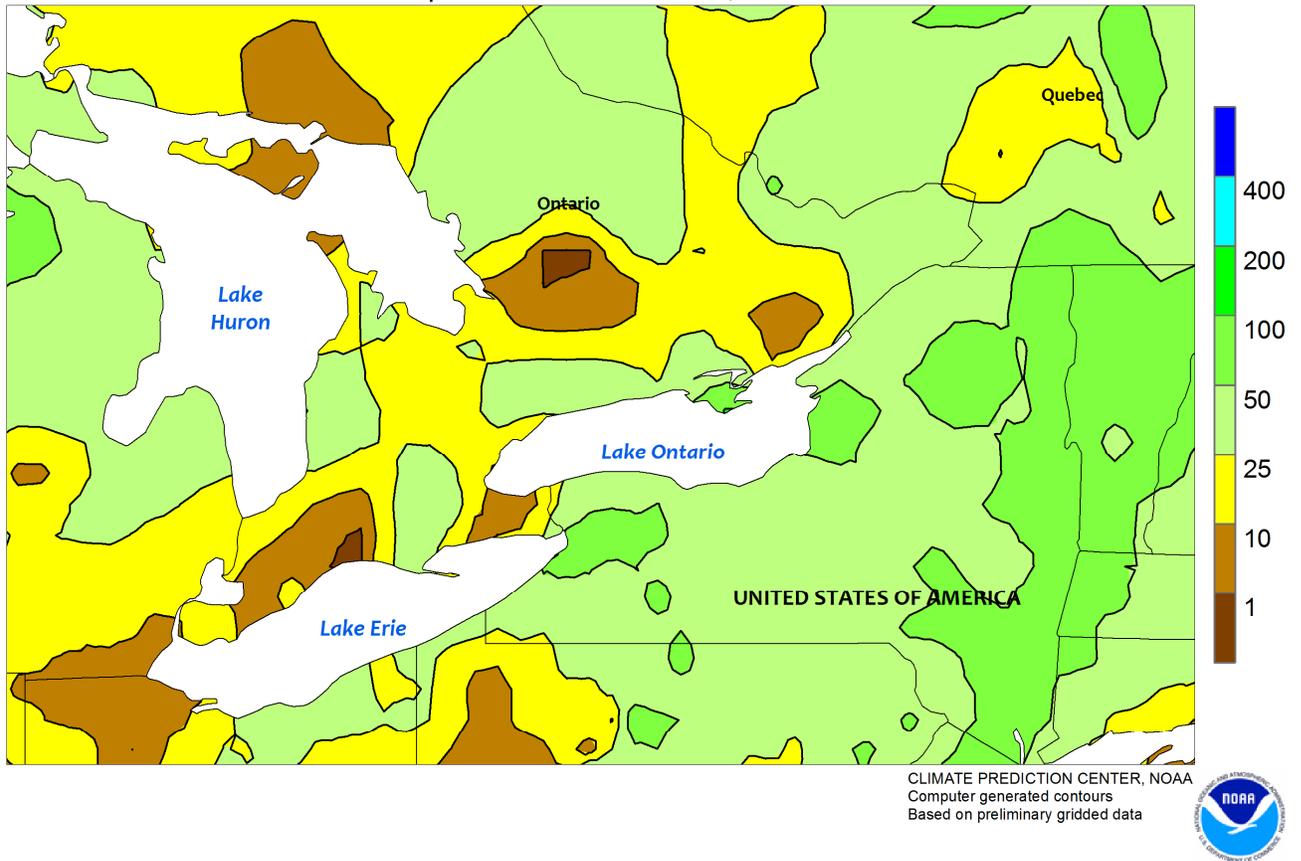


CANADIAN PRAIRIES

Dry weather maintained a rapid pace of spring crop harvesting. Most locations were completely dry, with light showers (less than 5 mm) concentrated over Manitoba and eastern Saskatchewan. Weekly average temperatures ranged from 2 to 5°C above normal in Alberta to as much as 3°C below normal in Manitoba. Despite the western warmth, however, temperatures dropped below freezing in most spots, the exception being southern farming areas of Alberta. Nearly all agricultural districts have now recorded a season-ending freeze (temperatures at or below -2°C).

According to the government of Alberta, 68 percent of all crops were combined as of September 29, outpacing the 5-year average by over 20 points due to the extended period of favorable harvest weather. Similarly, Saskatchewan crops were 89 percent harvested as of September 28, compared with the 5-year average of 67 percent. In Manitoba, all crops harvested reached 80 percent as of September 29, compared with the 3-year average of 73 percent; spring wheat and canola harvesting were 97 and 85 percent harvested, respectively.

SOUTHEASTERN CANADA
Total Precipitation (mm)
September 27 - October 3, 2020



SOUTHEASTERN CANADA

Showers provided much-needed moisture for winter wheat establishment and likely encouraged planting in previously-dry production areas. Rainfall totaled 10 to 25 mm – locally approaching 50 mm – across most of Ontario and Quebec, though there were a few lingering pockets of dryness. Weekly average temperatures ranged

from 2°C below normal in Ontario’s southwestern agricultural areas to as much as 3°C above normal in Quebec. Temperatures rebounded from last week’s unseasonable cold, with daytime highs reaching the middle and upper 20s (degrees C) and nighttime lows staying above freezing in most locations.

2020 Small Grains Summary

The following information was released by USDA's Agricultural Statistics Board on September 30, 2020.

All wheat production totaled 1.83 billion bushels in 2020, down 5 percent from the revised 2019 total of 1.93 billion bushels. Area harvested for grain totaled 36.7 million acres, down 2 percent from the previous year. The U.S. yield was estimated at 49.7 bushels per acre, down 2.0 bushels from the previous year. The levels of production and changes from 2019 by type were: winter wheat, 1.17 billion bushels, down 11 percent; other spring wheat, 586 million bushels, up 4 percent; and Durum wheat, 68.8 million bushels, up 28 percent.

Oat production was estimated at 65.4 million bushels, up 23 percent from 2019. Yield was estimated at 65.1 bushels per acre, up 0.8 bushel from the previous year. Harvested area, at 1.00 million acres, was 21 percent above last year.

Barley production was estimated at 165 million bushels, down 4 percent from the revised 2019 total of 172 million bushels. The average yield, at 77.5 bushels per acre, was down 0.2 bushel from 2019. Producers seeded 2.62 million acres in 2020, down 5 percent from 2019. Harvested area, at 2.13 million acres, was down 4 percent from 2019.

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