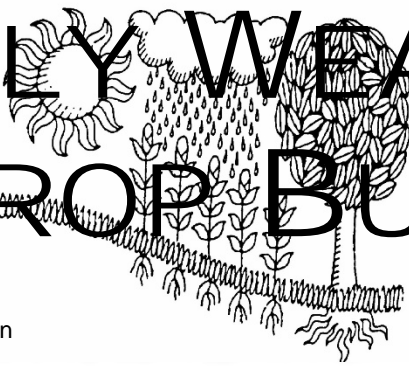
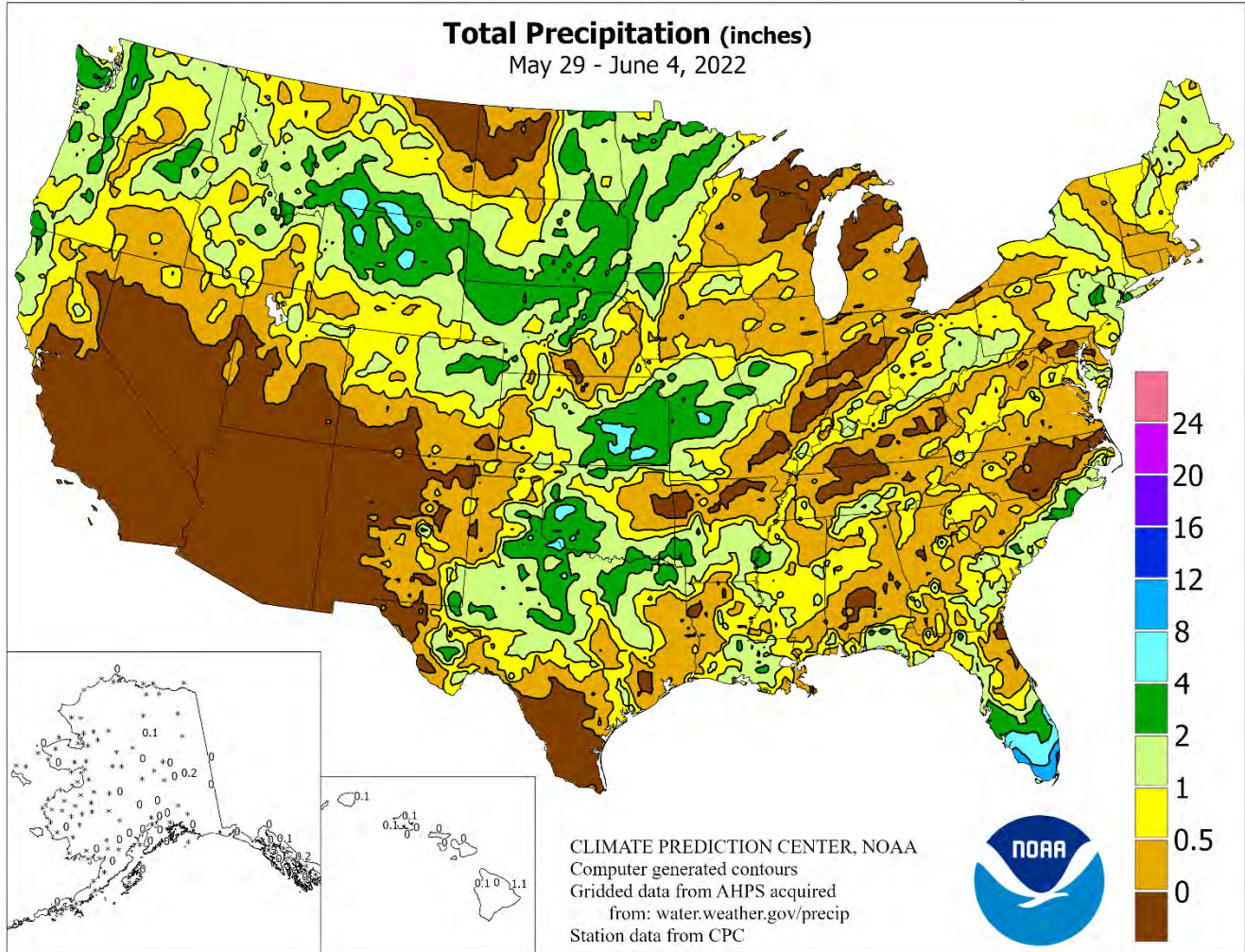


WEEKLY WEATHER AND CROP BULLETIN



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

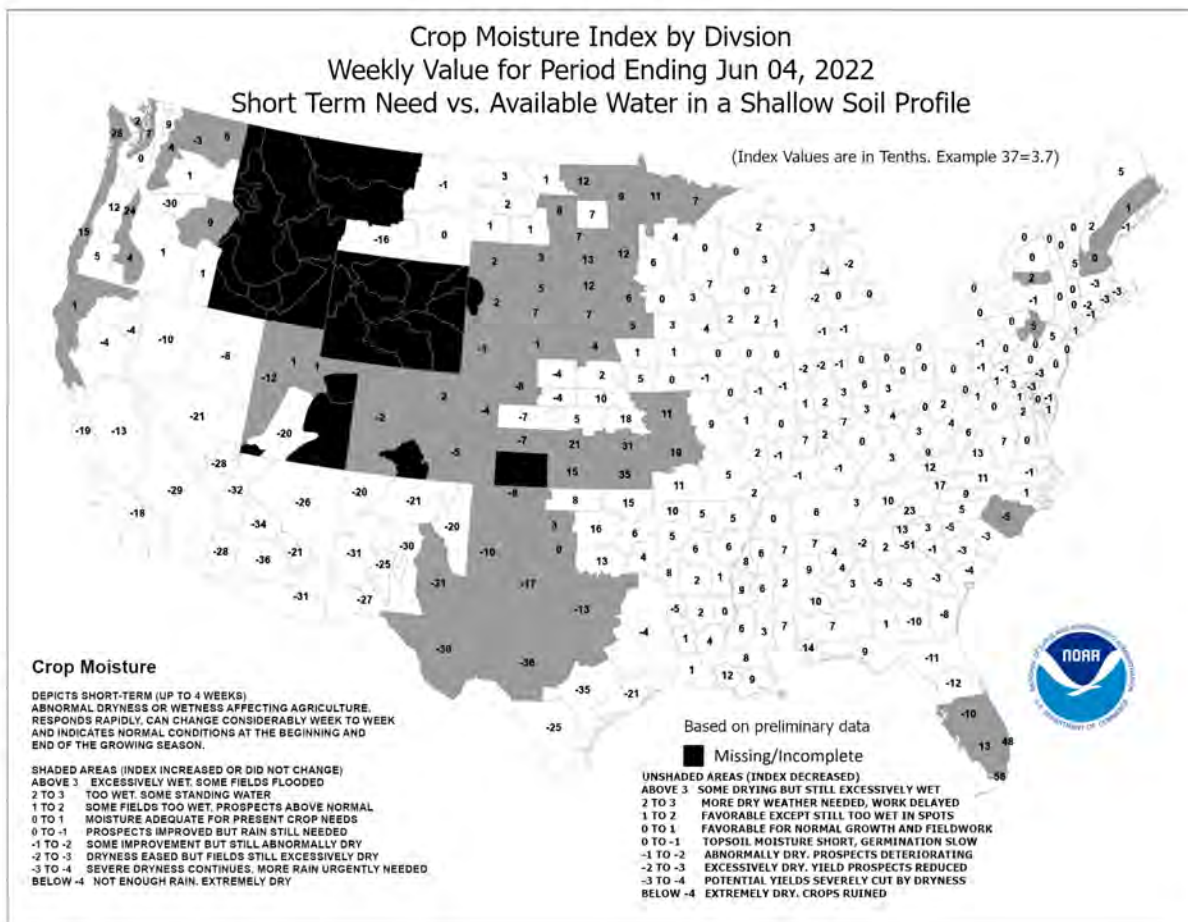
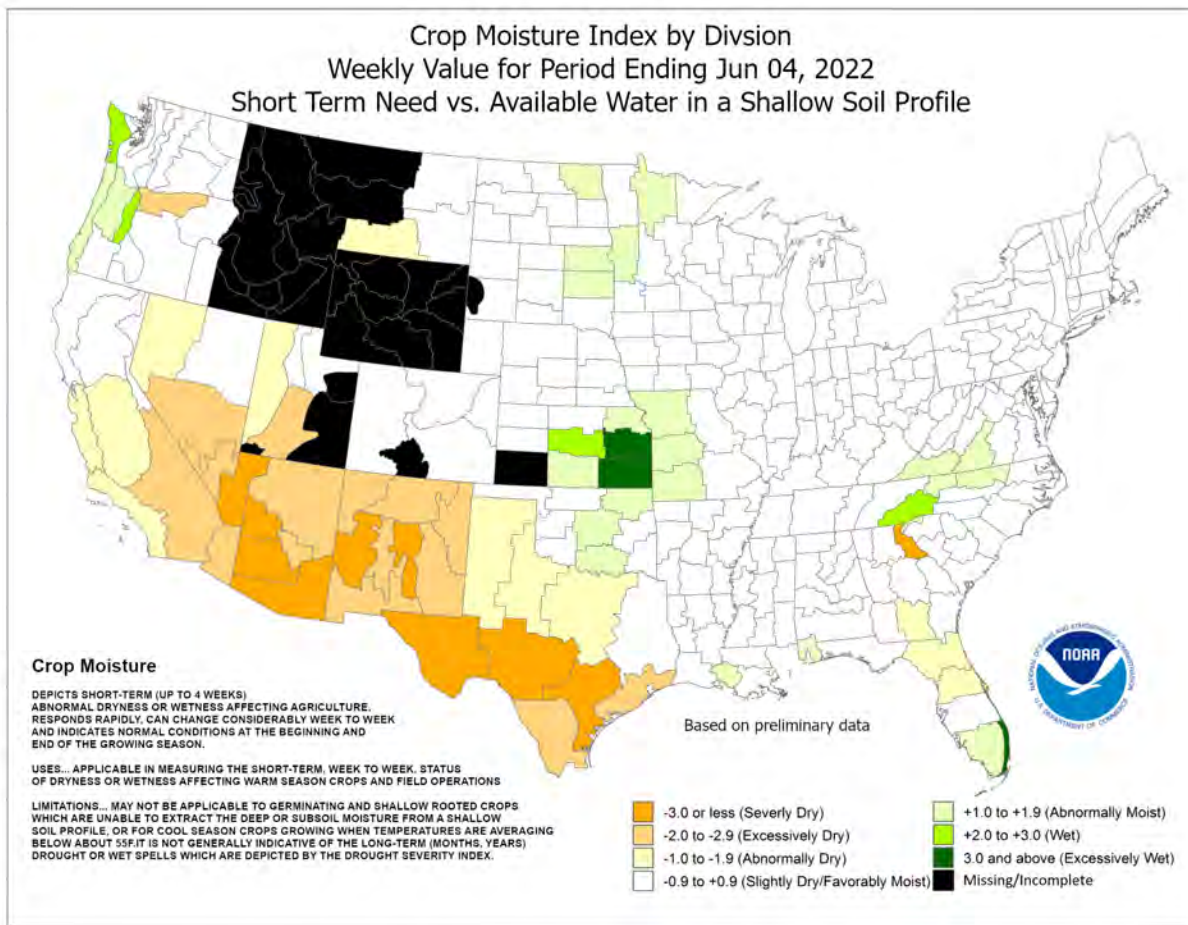
May 29 – June 4, 2022

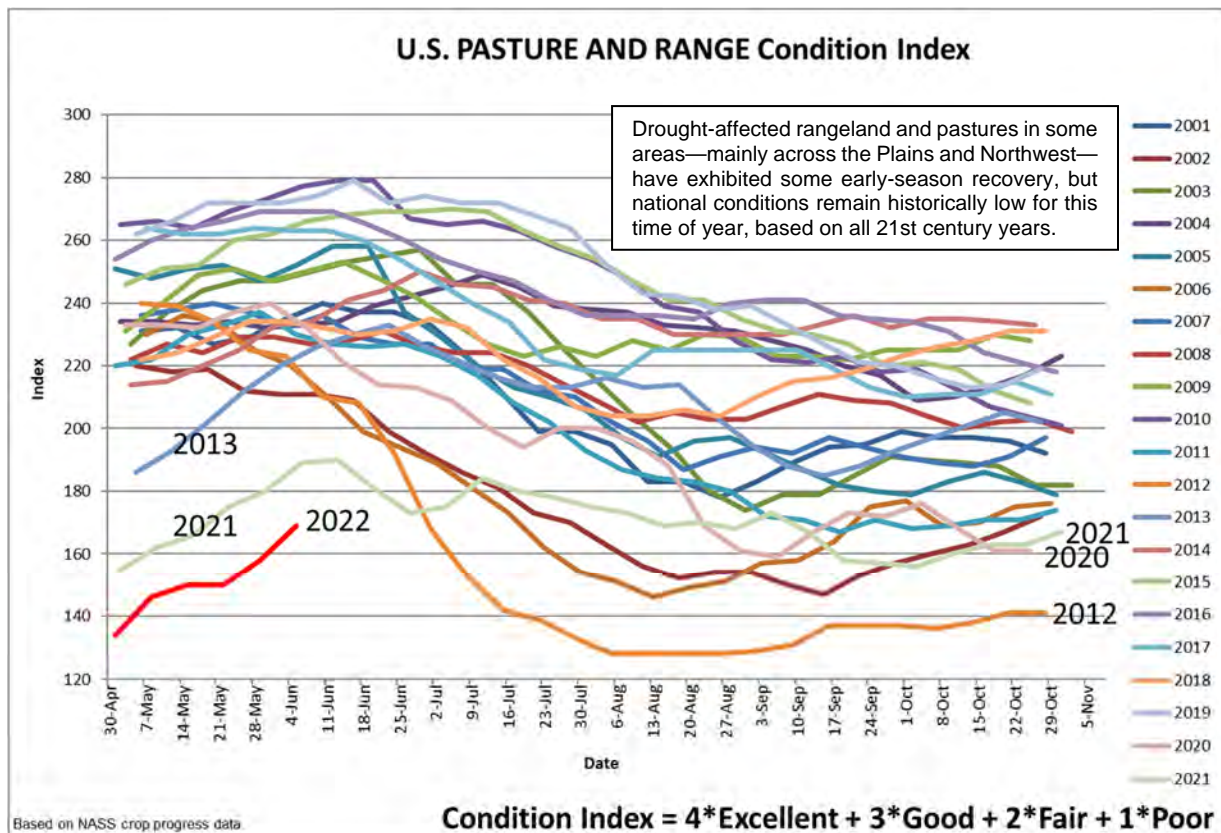
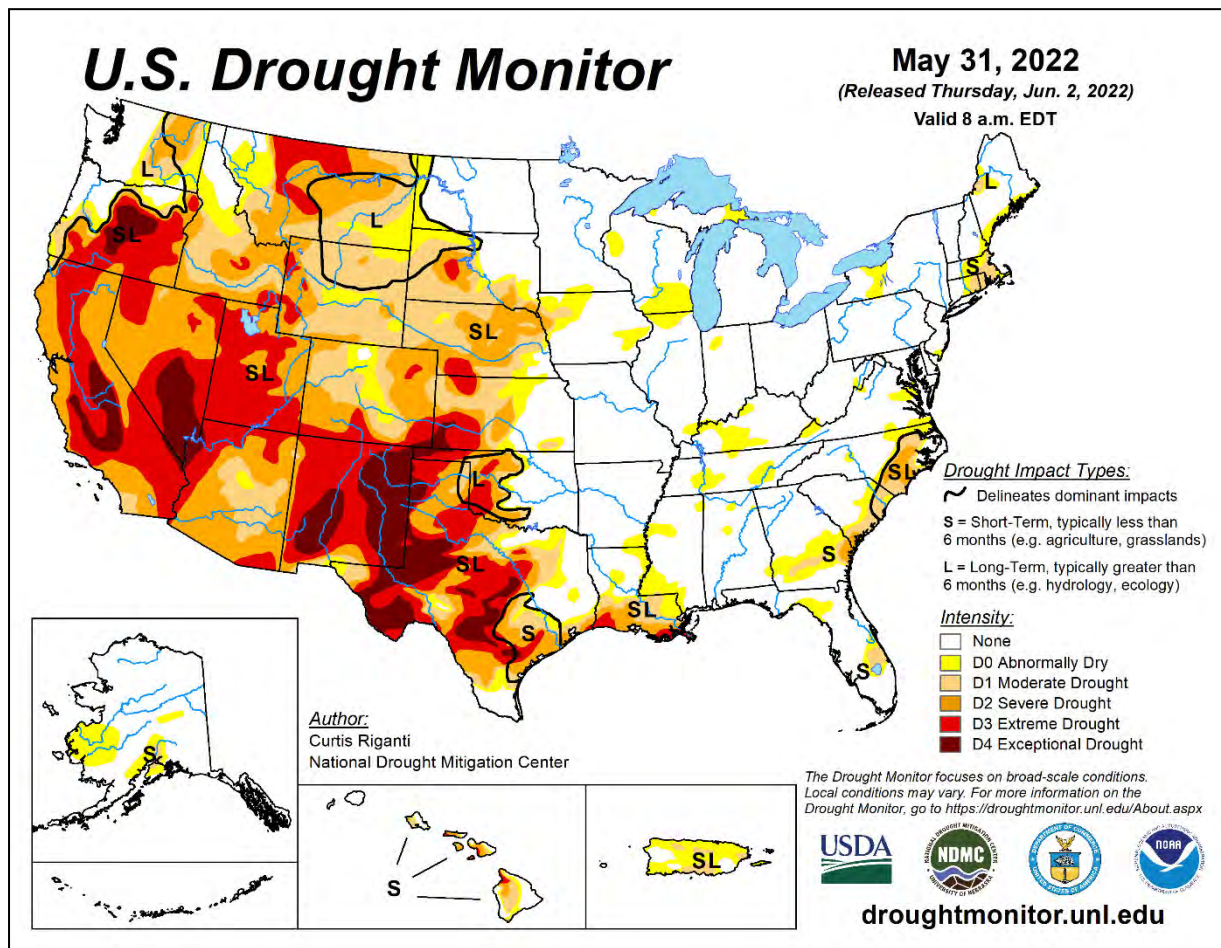
Highlights provided by USDA/WAOB

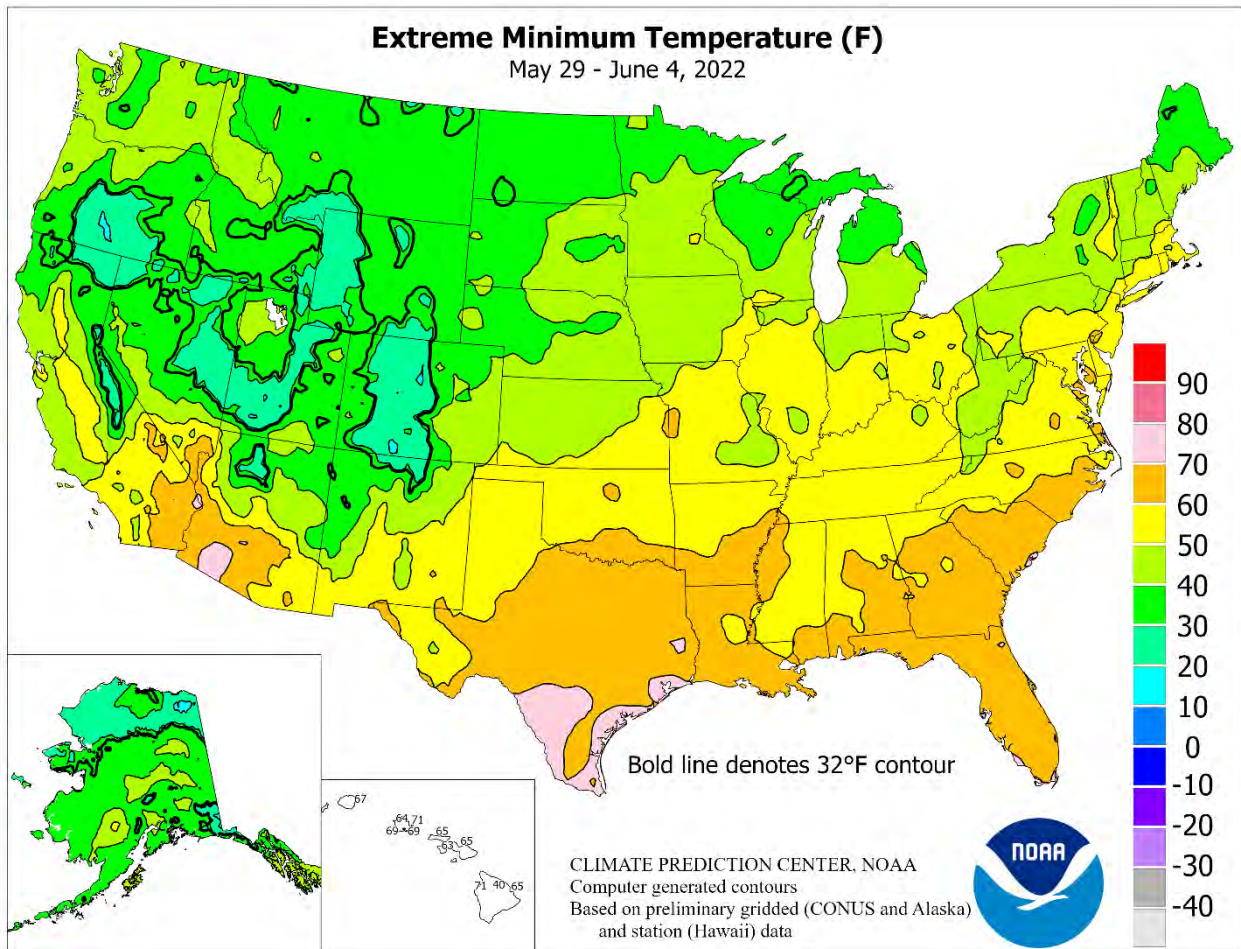
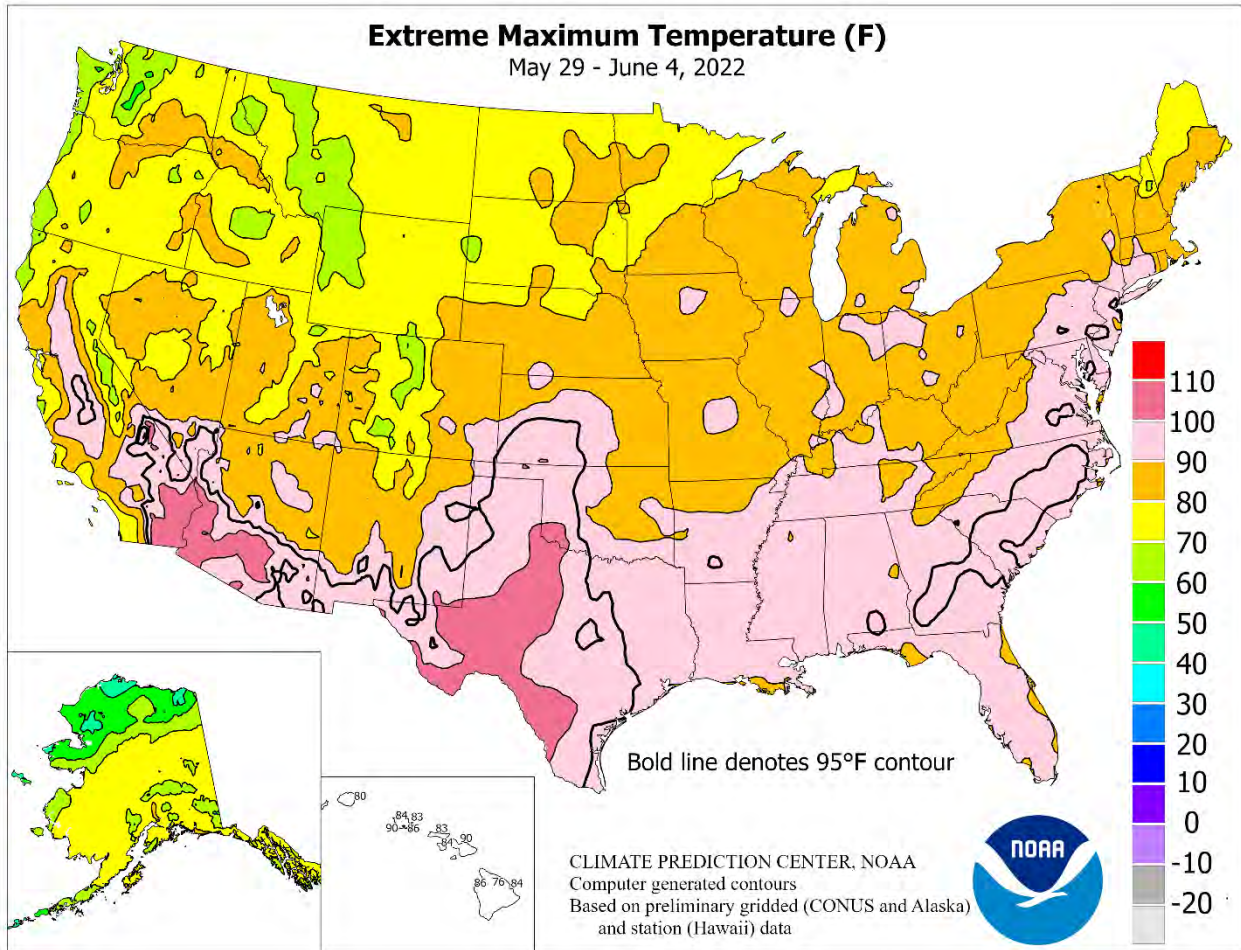
Aside from **southern Texas** and from **central and southern California to the southern Rockies**, most areas of the country received precipitation in late May and early June. Some of the heaviest rain (locally 2 to 4 inches or more) fell on the **Plains**, slowing fieldwork—including winter wheat harvesting—but further reducing drought’s footprint and generally benefiting rangeland, pastures, and summer crops. Even amid occasional showers, **Midwestern** producers made progress on late-season planting. However, late-May downpours in the **north-**

(Continued on page 5)

Contents	
Crop Moisture Maps	2
May 31 Drought Monitor & U.S. Pasture and Range Condition Index	3
Extreme Maximum & Minimum Temperature Maps.....	4
Temperature Departure Map	5
Soil Temperature and Pan Evaporation Maps	6
Growing Degree Day Maps	7
National Weather Data for Selected Cities	9
National Agricultural Summary	12
Crop Progress and Condition Tables.....	13
International Weather and Crop Summary	20
Bulletin Information & May 30 Satellite Image of Hurricane Agatha	34





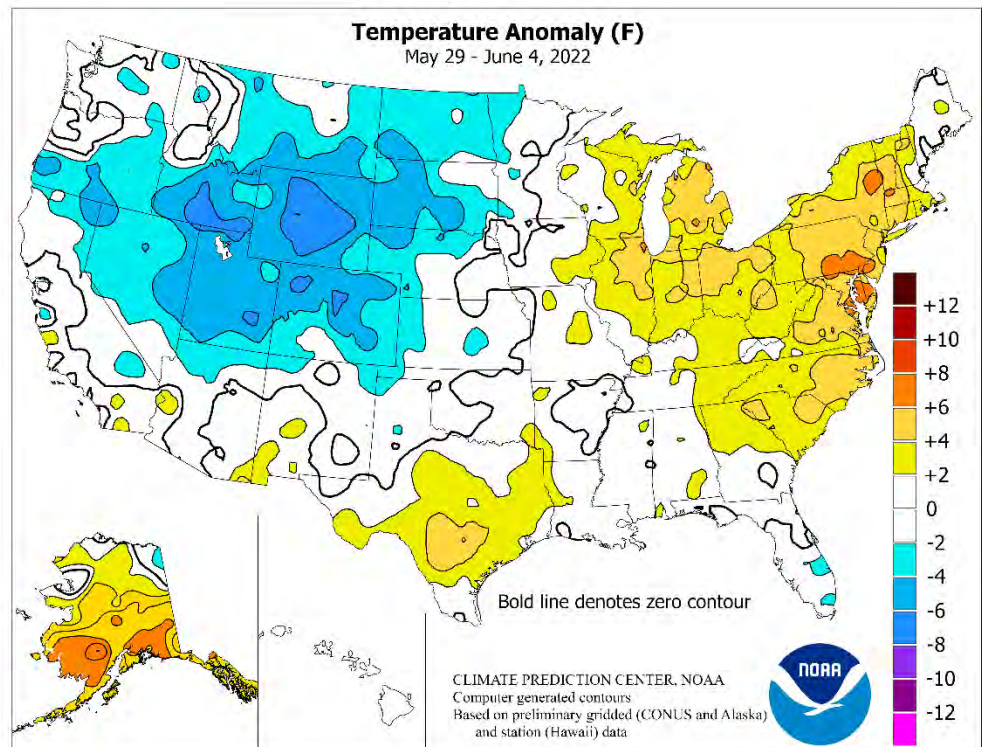


(Continued from front cover)

central U.S., including the **Red River Valley**, resulted in another setback for farmers still attempting to seed crops such as corn, soybeans, sugarbeets, and spring wheat. Late in the week, the low-pressure system that would become Tropical Storm Alex delivered heavy showers (locally 5 to 10 inches or more) across **southern Florida**. Alex, which became a named storm on June 5 after traversing **Florida**, was itself a byproduct of an early-season **Pacific** tropical cyclone (Agatha). On the 30th, **Agatha** had become only the third hurricane on record to strike the **Mexico's Pacific Coast** during May. Elsewhere, a lingering chill across the **nation's northwestern quadrant** contrasted with hot weather in much of **Texas** and significantly above-normal temperatures from the **lower Great Lakes region into the middle and northern Atlantic States**. Weekly temperatures averaged at least 5°F below normal across **northern sections of the High Plains and Intermountain West**—but averaged more than 5°F above normal in **central Texas** and parts of the **middle and northern Atlantic States**.

With cool air in place across the **Intermountain West**, freezes—though not particularly unusual for this time of year—were frequently observed. Still, sub-freezing, daily-record lows were reported in several locations, including **Ely, NV** (22°F on May 30); **Cedar City, UT** (29°F on May 30); and **Alturas, CA** (26°F on May 31). Cool weather briefly returned across the **upper Midwest**; on June 2, daily-record lows dipped to 37°F in **Norfolk, NE**, and 41°F in **Sioux City, IA**. For **Norfolk**, it was the lowest June reading since June 7, 1935, when the temperature fell to 34°F. In contrast, **Texas** remained a focus for extreme heat, especially in late May. On May 29, daily-record highs in **Texas** rose to 104°F in **Childress** and 103°F in **Abilene**. In addition, **Abilene** doubled its 1927 record for 100-degree readings in May; there were 14 such days in May 2022. By Memorial Day (May 30), heat surged into the **Great Lakes region**, where **Michigan** locations such as **Pellston** and **Traverse City** notched daily-record highs of 92°F. A day later, May 31 featured **Northeastern** daily-record highs of 98°F in **Newark, NJ**, and 94°F in **Reading, PA**. Heat lingered for several days in the **Southeast**, where **Lumberton, NC**, opened June with consecutive daily-record highs of 100°F. **Florence, SC**, also logged a daily-record high of 100°F on June 2.

In late May, unusually heavy rain (and high-elevation snow) showers dotted the **northwestern and north-central U.S.** Daily-record precipitation totals for May 29 included 0.93 inch at **Lake Yellowstone, WY**; 0.81 inch in **Butte, MT**; 0.49 inch in **Walla Walla, WA**; and 0.48 inch in **Hermiston, OR**. By Memorial Day (May 30), daily-record totals ranged from 2 to 4 inches in locations such as **Aberdeen, SD** (3.45 inches); **Hibbing, MN** (3.29 inches); and 2.39 inches in **Sheridan, WY**. For **Aberdeen**, it was the wettest day since May 5, 2007, when rainfall totaled 7.62 inches. For **Hibbing**, it was the wettest day during May on record, surpassing 2.57 inches on May 31, 2014. For **Sheridan**, it was the seventh-wettest day on record—and the wettest day since May 7, 2005, when 2.45 inches fell. Gusty winds accompanied and trailed the **Northern** rain, with May 30 peak gusts in **North Dakota** clocked to 55 mph in **Fargo** and 54 mph in **Langdon**. At the same time, **Southeastern** thunderstorms produced wind gusts to 59 mph (on May 29) in **Gainesville, FL**, and 55 mph (on May 30) in **Alma, GA**. **Alma's** gust achieved a monthly record for that location, previously set with a gust to 54 mph on May 29, 2009. Later,

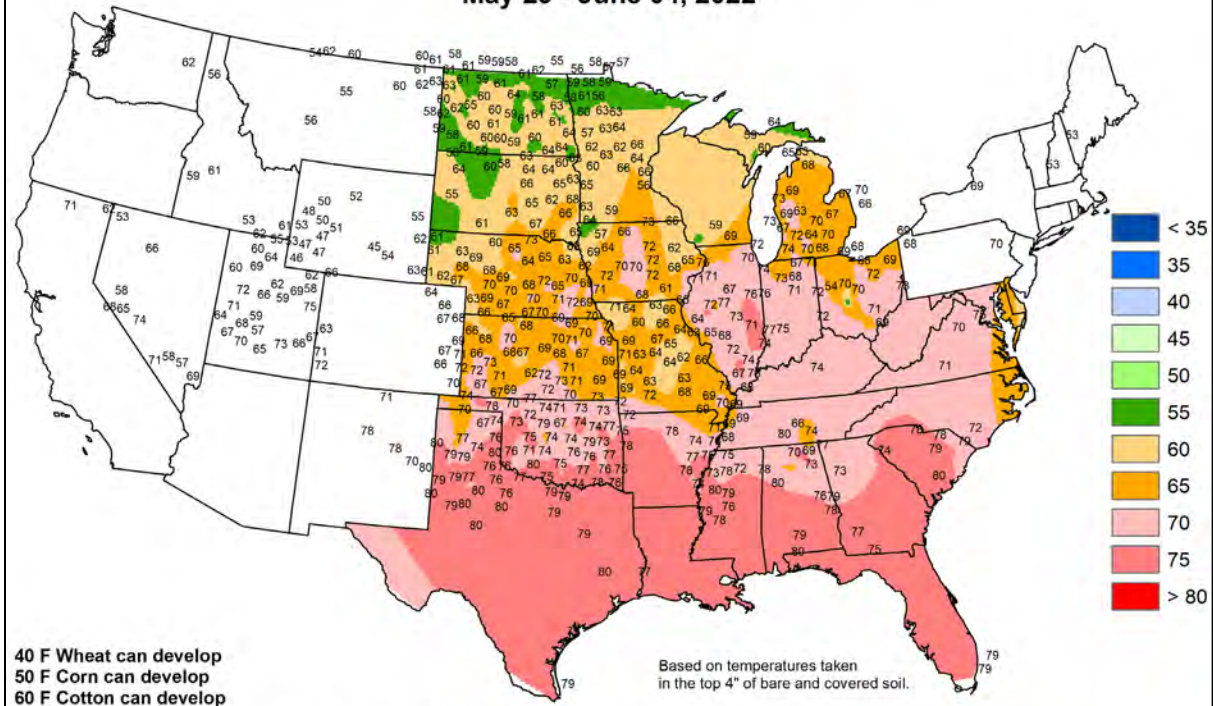


scattered thunderstorms across the **nation's mid-section** resulted in daily-record rainfall totals in **Kansas City, MO** (2.96 inches on May 31), and **Dallas-Fort Worth, TX** (2.15 inches on June 1). In **Arkansas**, record-setting totals for June 2 reached 2.84 inches in **Monticello** and 1.64 inches in **Stuttgart**. Across the **Florida Keys**, **Marathon** netted 5.47 inches of rain on the 3rd, setting a station record for any day in June (previously, 4.30 inches on June 22, 1990). The following day in **Florida**, record-setting amounts for June 4 included 6.55 inches in **Fort Lauderdale**, 5.26 inches in **Miami**, 4.97 inches in **Vero Beach**, and 4.52 inches in **West Palm Beach**. For **Fort Lauderdale**, it was the wettest June day since June 7, 2013, when 8.15 inches fell. For **Miami**, it was the wettest June day since June 9, 1997, when rainfall totaled 5.89 inches. For **Vero Beach**, it was the wettest June day on record, surpassing 4.60 inches on June 8, 1973. Elsewhere, significant precipitation returned at week's end in the **Northwest**; daily-record rainfall in **Washington** for June 4 totaled 1.00 inch in **Hoquiam** and 0.76 inch in **Omak**.

Mostly dry weather and record-setting warmth engulfed **southern Alaska**, boosting weekly temperatures at least 10°F above normal in several locations. From May 27 – June 5, **Anchorage** reported 10 consecutive days with a high of 70°F or greater—a record-setting streak so early in the year. Previously, the longest stretch of early-season warmth in **Anchorage** by June 5 occurred in 2006, when there were 6 days in row (May 23-28) with highs reaching 70°F or higher. **Anchorage** posted a daily-record high on May 31, with a high of 76°F, and four more from June 2-5, with maxima of 75, 78, 77, and 74°F. In some **Alaskan** communities, weekly temperatures peaked on June 3, when daily-record highs rose to 80°F in **King Salmon**; 79°F in **Bethel**; and 62°F in **Cold Bay**. In **southeastern Alaska**, **Juneau** collected daily-record highs each day from May 31 to June 3, registering highs of 78, 80, 83, and 82°F. Farther south, pervasive dryness prevailed across **Hawaii's leeward slopes**, following variable May rainfall. Among **Hawaii's** major airport observation sites, only **Kahului, Maui**, reported below-normal May rainfall (0.18 inch, or 25 percent of normal). Elsewhere, May totals ranged from 1.40 inches (170 percent of normal) in **Honolulu, Oahu**, to 12.65 inches (181 percent) in **Hilo**, on the **Big Island**. **Hilo**, which had received rainfall totaling just 0.70 inch during the last 14 days of May, noted 1.19 inches during the first 4 days of June—including 0.90 inch on the 4th.

Average Soil Temperature (Deg. F)

May 29 - June 04, 2022

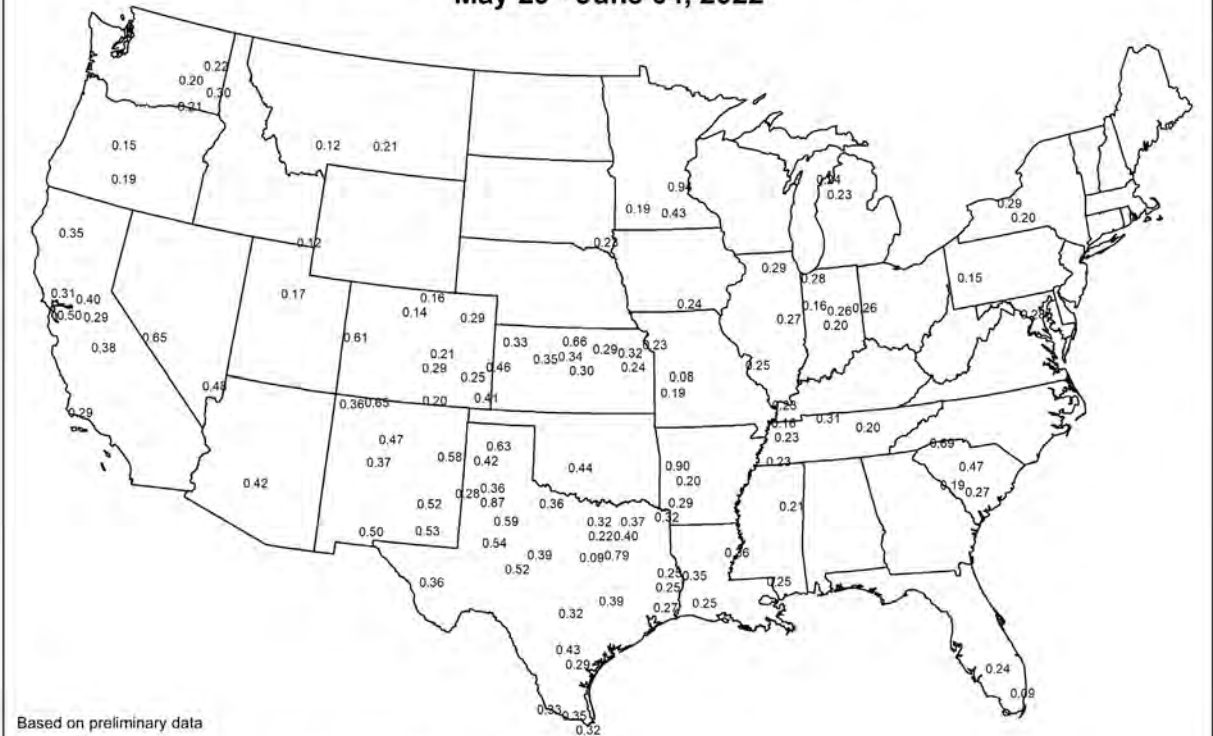


Data provided by the Climate Prediction Center, High Plains Regional Climate Center, Nebraska Mesonet at Univ of Nebraska, CoAgMet at Colorado State Univ, Kansas Mesonet at Kansas State Univ, North Dakota Agricultural Weather Network at North Dakota State Univ, Wyoming State Climate Office at the Univ of Wyoming, Illinois State Water Survey, Iowa State University, Oklahoma Mesonet, Purdue University, University of Missouri, Illinois State Water Survey, Michigan Automated Weather Network, West Texas Mesonet, South Dakota State Univ, Mesonet, Ohio Agricultural Research and Development Center, Univ. of Missouri and USDA/NRCS.

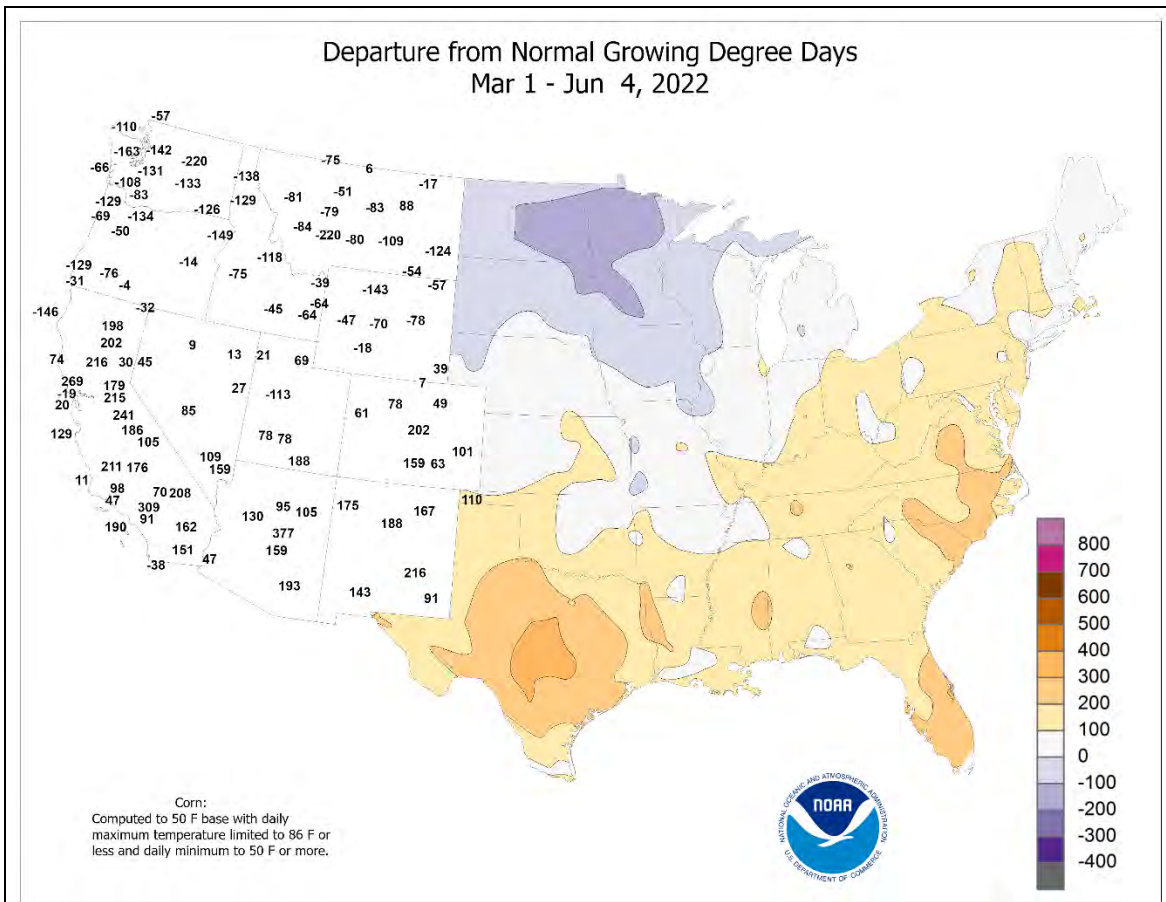
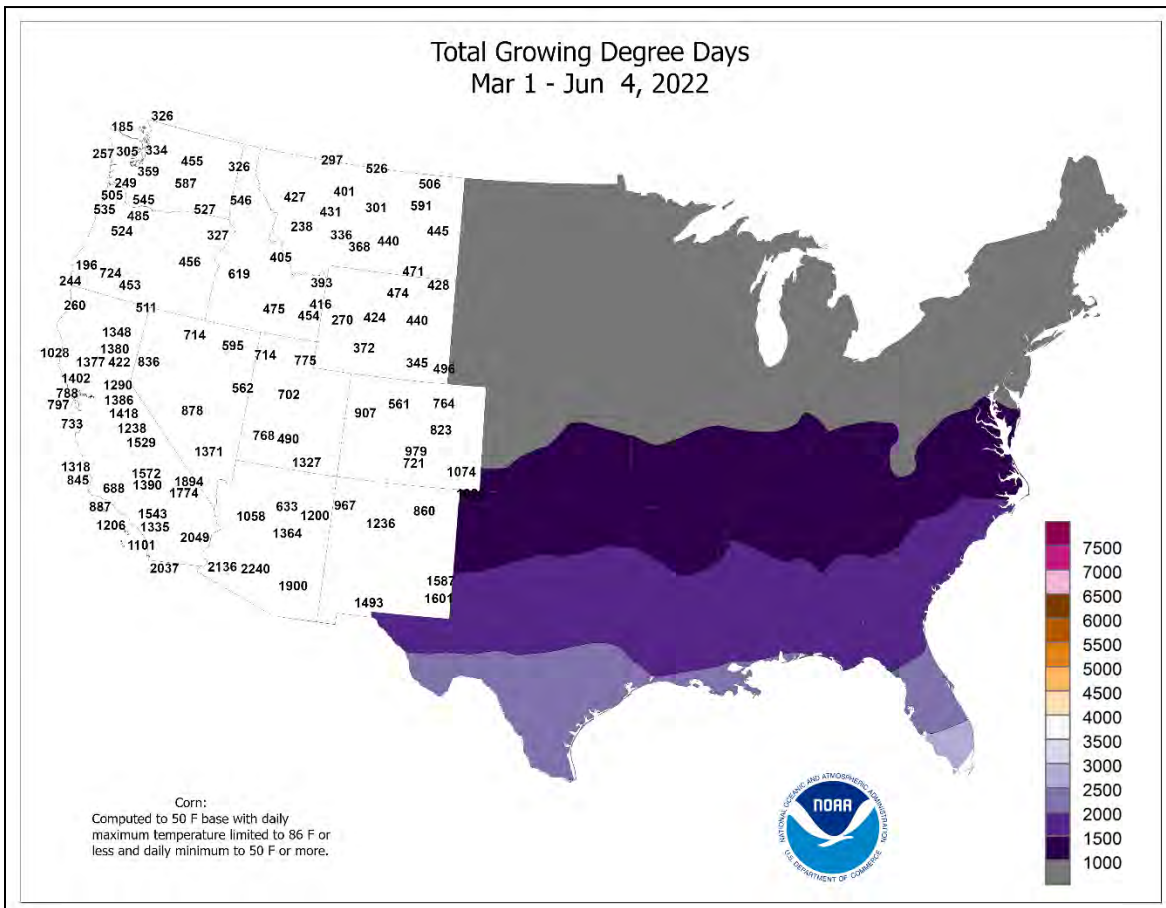


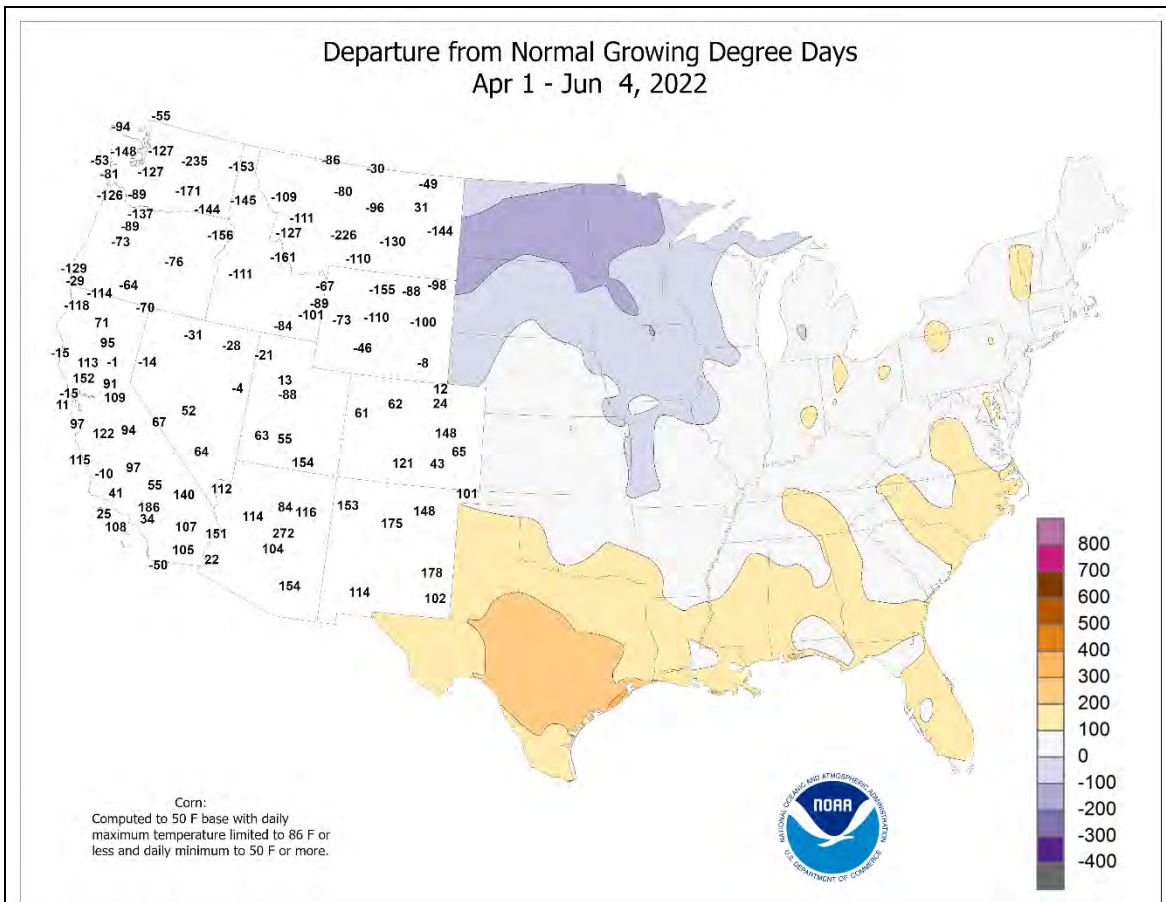
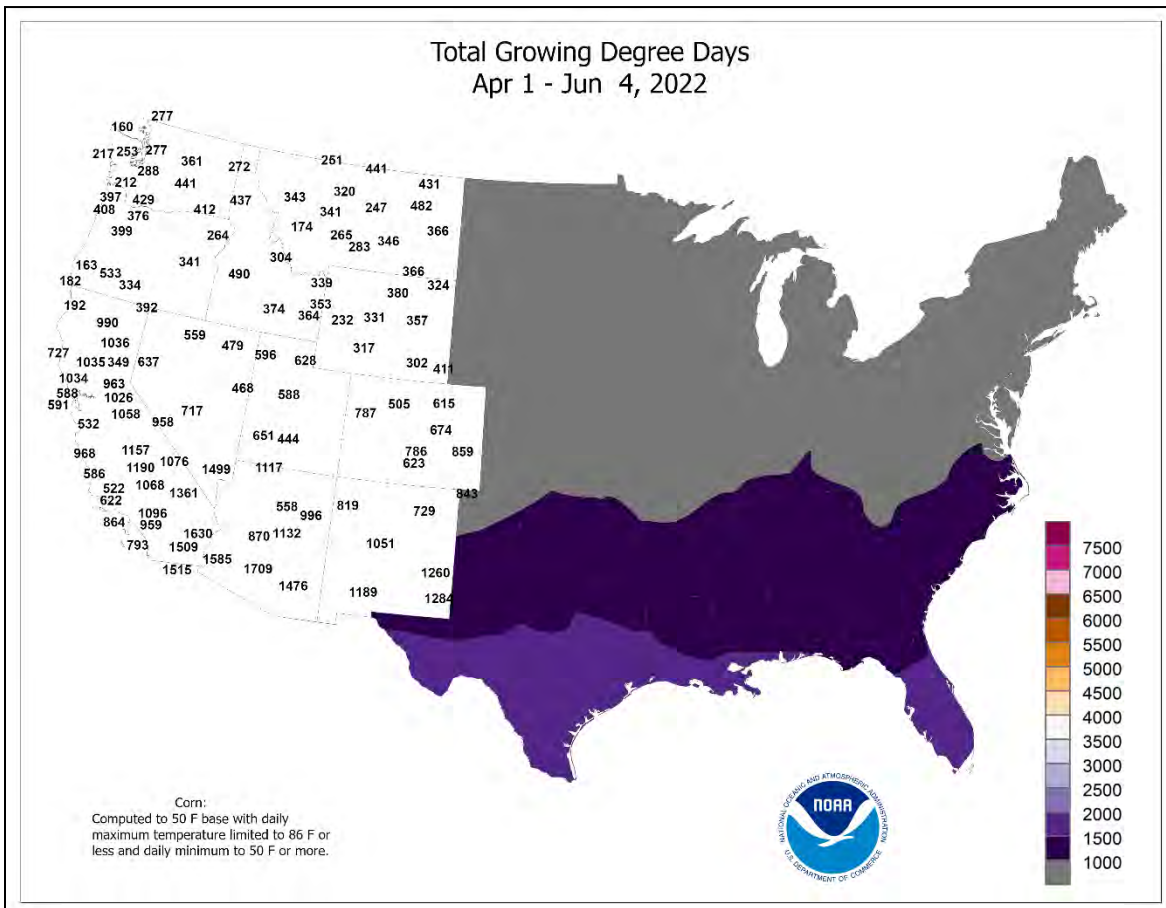
Average Pan Evaporation (inches/day)

May 29 - June 04, 2022



USDA Agricultural Weather Assessments
Data obtained from the NWS Cooperative Observer Network.





National Weather Data for Selected Cities

Weather Data for the Week Ending June 4, 2022

Data Provided by Climate Prediction Center

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	PRECIP	
																		.01 INCH OR MORE	.50 INCH OR MORE
AK ANCHORAGE	74	51	77	45	63	10	0.00	-0.20	0.00	0.00	0	5.04	147	66	26	0	0	0	0
AK BARROW	33	27	38	24	30	0	0.00	-0.06	0.00	0.00	0	6.17	715	90	79	0	7	0	0
AK FAIRBANKS	77	51	79	44	64	8	0.00	-0.20	0.00	0.00	0	2.15	89	65	21	0	0	0	0
AK JUNEAU	76	43	83	39	60	7	0.06	-0.69	0.06	0.06	14	34.14	170	81	24	0	0	1	0
AK KODIAK	63	47	76	43	55	8	0.00	-1.46	0.00	0.00	0	34.13	105	79	48	0	0	0	0
AK NOME	58	39	71	33	48	5	0.00	-0.21	0.00	0.00	0	2.70	61	88	51	0	0	0	0
AL BIRMINGHAM	88	67	92	60	78	3	0.44	-0.59	0.44	0.44	77	25.11	102	88	44	4	0	1	0
AL HUNTSVILLE	89	65	93	59	77	2	0.06	-0.98	0.06	0.06	10	31.39	125	94	43	3	0	1	0
AL MOBILE	90	70	94	64	80	2	0.02	-1.26	0.02	0.02	2	23.72	86	91	44	4	0	1	0
AL MONTGOMERY	91	68	94	62	80	3	0.00	-0.79	0.00	0.00	0	24.87	104	89	44	6	0	0	0
AR FORT SMITH	87	67	92	60	77	3	0.08	-1.05	0.08	0.08	12	22.34	112	88	44	2	0	1	0
AR LITTLE ROCK	86	65	92	61	76	0	1.56	0.60	1.44	1.56	287	27.48	122	84	50	3	0	2	1
AZ FLAGSTAFF	72	36	77	26	54	-2	0.00	-0.11	0.00	0.00	0	3.02	36	49	14	0	2	0	0
AZ PHOENIX	99	74	103	72	87	0	0.00	-0.01	0.00	0.00	0	0.56	16	24	8	7	0	0	0
AZ PRESCOTT	81	49	86	43	65	-1	0.00	-0.09	0.00	0.00	0	1.45	31	39	11	0	0	0	0
AZ TUCSON	99	67	102	62	83	2	0.00	-0.05	0.00	0.00	0	0.67	20	26	6	7	0	0	0
CA BAKERSFIELD	88	63	95	58	75	1	0.00	-0.04	0.00	0.00	0	1.84	41	48	18	3	0	0	0
CA EUREKA	59	48	65	42	54	-2	0.71	0.40	0.59	0.71	418	11.60	51	94	79	0	0	2	1
CA FRESNO	88	61	95	56	75	1	0.00	-0.09	0.00	0.00	0	1.04	13	58	16	3	0	0	0
CA LOS ANGELES	70	60	73	58	65	1	0.00	-0.04	0.00	0.00	0	1.46	16	83	61	0	0	0	0
CA REDDING	85	58	93	49	72	0	0.07	-0.26	0.07	0.07	41	4.12	20	61	17	2	0	1	0
CA SACRAMENTO	84	56	93	51	70	1	0.00	-0.11	0.00	0.00	0	2.09	17	78	20	1	0	0	0
CA SAN DIEGO	67	60	67	59	63	-1	0.00	-0.04	0.00	0.00	0	2.48	35	86	66	0	0	0	0
CA SAN FRANCISCO	70	53	74	50	61	0	0.00	-0.07	0.00	0.00	0	1.77	13	83	43	0	0	0	0
CA STOCKTON	87	57	94	52	72	3	0.00	-0.07	0.00	0.00	0	1.54	17	67	19	2	0	0	0
CO ALAMOSA	76	35	81	28	55	0	0.00	-0.11	0.00	0.00	0	2.72	113	83	10	0	3	0	0
CO CO SPRINGS	70	47	84	42	58	-2	0.24	-0.39	0.14	0.08	21	3.56	63	79	31	0	0	5	0
CO DENVER INTL	71	45	86	39	58	-5	1.32	0.80	0.64	0.57	197	5.78	97	92	35	0	0	3	2
CO GRAND JUNCTION	79	48	89	42	64	-3	0.19	0.04	0.19	0.00	0	1.80	45	56	12	0	0	1	0
CO PUEBLO	76	49	92	45	63	-3	0.28	-0.05	0.28	0.28	152	5.58	115	79	29	1	0	1	0
CT BRIDGEPORT	76	58	92	57	67	3	0.00	-1.00	0.00	0.00	0	13.74	74	95	55	1	0	0	0
CT HARTFORD	82	57	93	53	70	6	0.12	-1.07	0.09	0.12	17	17.62	95	92	39	1	0	2	0
DC WASHINGTON	88	68	96	61	78	7	0.46	-0.43	0.46	0.46	92	17.89	109	83	37	2	0	1	0
DE WILMINGTON	86	62	95	57	74	6	1.06	0.14	1.06	1.06	208	17.43	99	90	42	1	0	1	1
FL DAYTONA BEACH	87	71	89	69	79	0	0.03	-1.19	0.02	0.01	1	12.78	80	93	56	0	0	2	0
FL JACKSONVILLE	89	67	92	64	78	0	0.00	-1.03	0.00	0.00	0	21.13	130	97	52	2	0	0	0
FL KEY WEST	84	76	88	74	80	-3	4.07	3.07	1.91	3.44	606	11.18	99	93	73	0	0	6	3
FL MIAMI	87	71	92	68	79	-3	12.39	10.51	5.04	11.22	900	29.71	180	97	66	1	0	7	4
FL ORLANDO	89	71	93	67	80	0	0.31	-1.15	0.31	0.31	33	15.02	97	92	50	5	0	1	0
FL PENSACOLA	88	75	92	72	82	3	0.75	-0.40	0.68	0.68	97	22.31	90	92	54	4	0	2	1
FL TALLAHASSEE	92	67	95	63	80	1	0.10	-1.26	0.10	0.00	0	19.78	87	93	41	6	0	1	0
FL TAMPA	91	74	96	72	82	1	3.62	2.76	1.65	1.89	342	14.90	117	84	47	4	0	4	2
FL WEST PALM BEACH	85	73	90	71	79	-1	6.87	5.15	4.37	6.43	611	21.56	109	92	66	1	0	6	2
GA ATHENS	90	65	95	61	78	3	0.46	-0.32	0.40	0.40	82	18.07	92	93	41	2	0	2	0
GA ATLANTA	88	69	92	67	78	4	0.00	-0.78	0.00	0.00	0	21.32	100	83	41	2	0	0	0
GA AUGUSTA	91	65	95	61	78	2	0.21	-0.73	0.20	0.20	33	17.75	98	99	40	5	0	2	0
GA COLUMBUS	91	67	93	63	79	2	0.10	-0.70	0.07	0.10	22	23.94	114	90	42	5	0	2	0
GA MACON	92	65	96	61	78	2	0.00	-0.85	0.00	0.00	0	17.59	90	97	42	5	0	0	0
GA SAVANNAH	89	69	95	66	79	2	0.81	-0.28	0.55	0.67	95	9.26	55	94	49	4	0	4	1
HI HILO	82	67	84	65	75	0	1.06	-0.39	0.65	0.78	94	40.84	77	94	61	0	0	4	1
HI HONOLULU	85	72	86	69	78	-1	0.04	-0.05	0.04	0.00	0	8.76	115	83	49	0	0	1	0
HI KAHULUI	87	68	90	65	78	1	0.00	-0.07	0.00	0.00	0	0.65	6	81	50	1	0	0	0
HI LIHUE	79	69	80	67	74	-3	0.07	-0.27	0.07	0.07	36	15.74	98	95	70	0	0	1	0
IA BURLINGTON	80	61	86	53	71	2	0.51	-0.53	0.50	0.01	2	10.60	71	82	45	0	0	2	1
IA CEDAR RAPIDS	79	56	88	47	68	2	0.27	-0.77	0.17	0.17	28	8.22	68	86	38	0	0	2	0
IA DES MOINES	81	59	90	49	70	3	0.26	-0.87	0.19	0.06	8	12.67	91	84	35	1	0	3	0
IA DUBUQUE	77	57	87	50	67	3	0.10	-0.91	0.10	0.10	17	10.33	76	82	41	0	0	1	0
IA SIOUX CITY	80	51	87	41	65	-1	0.39	-0.56	0.31	0.08	15	5.67	54	86	33	0	0	2	0
IA WATERLOO	80	56	90	45	68	2	0.23	-0.87	0.15	0.02	3	12.26	95	83	35	1	0	3	0
ID BOISE	69	52	85	42	60	-3	0.45	0.18	0.32	0.07	50	4.89	76	81	41	0	0	3	0
ID LEWISTON	71	54	86	49	62	0	0.79	0.41	0.30	0.63	298	6.82	109	85	44	0	0	5	0
ID POCATELLO	67	42	81	35	54	-4	0.43	0.10	0.18	0.00	0	5.85	96	89	40	0	0	3	0
IL CHICAGO/O_HARE	81	62	89	54	71	7	0.21	-0.63	0.20	0.21	43	15.83	117	79	37	0	0	2	0
IL MOLINE	83	60	90	50	72	5	0.19	-0.85	0.17	0.02	3	12.17	84	83	37	1	0	3	0
IL PEORIA	83	62	89	54	73	5	0.14	-0.71	0.10	0.10	20	12.41	84	80	38	0	0	2	0
IL ROCKFORD	81	58	91	46	69	4	0.04	-1.06	0.03	0.03	4	11.36	86	82	36	1	0	2	0
IL SPRINGFIELD	83	62	89	53	73	4	0.14	-0.91	0.14	0.14	22	10.67	73	83	43	0	0	1	0
IN EVANSVILLE	86	63	90	56	74	4	0.39	-0.74	0.39	0.39	63	23.56	113	88	40	1	0	1	0
IN FORT WAYNE	84	57	92	48	71	5	0.03	-1.11	0.03	0.03	5	12.15	79	86	35	1	0	1	0
IN INDIANAPOLIS	84	61	88	54	73	5	0.12	-0.93	0.11	0.12	21	18.28	102	79	37	0	0	2	0
IN SOUTH BEND	82	57	91	45	70	5	0.03	-0.91	0.03	0.03	5	13.65	96	77	35	1	0	1	0
KS CONCORDIA	83	59	89	47	71	2	0.70	-0.28	0.70	0.70	129	9.79	92	75	35	0	0	1	1
KS DODGE CITY	83	56	100	46	69	0	0.50	-0.29	0.31	0.50	111	3.56	44	81	31	2	0	4	0
KS GOODLAND	76	48	87	43	62	-3	0.11	-0.69	0.07	0.04	8	4.61	66	89	34	0	0	2	0
KS TOPEKA	80	60	89	52	70	0	2.79	1.64	2.53	0.26	38	16.74	121	90	50	0	0	3	1

Based on 1981-2010 normals

*** Not Available

Weather Data for the Week Ending June 4, 2022

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 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	80	61	90	52	70	-1	4.07	2.83	3.90	0.12	16	18.74	148	88	52	1	0	4	1		
KY LEXINGTON	86	61	89	53	74	5	0.01	-1.20	0.01	0.01	1	24.37	122	86	42	0	0	1	0		
LA LOUISVILLE	86	64	92	58	75	3	0.76	-0.30	0.66	0.76	132	20.02	98	86	39	3	0	2	1		
LA PADUCAH	86	63	90	55	75	3	0.16	-0.85	0.16	0.16	27	27.61	126	83	38	2	0	1	0		
LA BATON ROUGE	91	69	92	62	80	1	0.11	-0.80	0.06	0.06	10	14.90	66	98	51	5	0	2	0		
LA LAKE CHARLES	88	70	91	63	79	0	1.83	0.44	1.09	1.83	227	11.04	51	97	54	2	0	3	2		
LA NEW ORLEANS	89	75	91	66	82	2	0.45	-1.07	0.44	0.01	1	21.67	85	90	51	4	0	2	0		
LA SHREVEPORT	91	71	94	66	81	4	0.00	-1.12	0.00	0.00	0	19.09	83	87	49	5	0	0	0		
MA BOSTON	72	56	87	53	64	1	0.20	-0.76	0.10	0.20	34	13.19	70	92	55	0	0	3	0		
MA WORCESTER	75	54	84	52	64	3	0.01	-1.07	0.01	0.01	1	18.29	92	92	52	0	0	1	0		
MD BALTIMORE	89	63	96	55	76	8	0.03	-0.85	0.03	0.03	6	18.60	106	90	37	4	0	1	0		
ME CARIBOU	69	44	75	38	56	0	0.71	-0.05	0.66	0.70	167	16.84	122	85	38	0	0	3	1		
ME PORTLAND	67	51	82	50	59	0	0.38	-0.57	0.22	0.38	67	15.67	79	95	61	0	0	3	0		
MI ALPENA	80	48	91	36	64	7	0.00	-0.63	0.00	0.00	0	13.11	128	89	35	2	0	0	0		
MI GRAND RAPIDS	79	56	87	45	67	4	0.00	-0.89	0.00	0.00	0	17.05	121	84	39	0	0	0	0		
MI HOUGHTON LAKE	77	51	86	36	64	6	0.35	-0.36	0.35	0.00	0	12.02	117	88	37	0	0	1	0		
MI LANSING	81	59	90	48	70	7	0.03	-0.76	0.03	0.03	6	17.30	144	77	36	1	0	1	0		
MI MUSKEGON	79	55	87	44	67	5	0.04	-0.63	0.01	0.02	6	13.29	105	81	37	0	0	3	0		
MI TRAVERSE CITY	81	53	92	41	67	8	0.00	-0.62	0.00	0.00	0	9.17	77	83	36	1	0	0	0		
MN DULUTH	68	46	75	43	57	1	0.63	-0.17	0.56	0.00	0	11.71	124	88	45	0	0	3	1		
MN INT_L FALLS	68	44	79	36	56	-1	3.16	2.39	2.17	0.03	6	16.80	239	93	46	0	0	4	2		
MN MINNEAPOLIS	76	57	89	51	67	3	0.43	-0.39	0.42	0.00	0	11.36	112	74	35	0	0	2	0		
MN ROCHESTER	76	54	88	48	65	0	0.18	-0.79	0.10	0.08	13	14.47	130	80	36	0	0	2	0		
MN ST. CLOUD	73	53	80	44	63	1	1.00	0.21	0.77	0.00	0	9.35	106	86	43	0	0	3	1		
MO COLUMBIA	82	62	90	54	72	3	1.33	0.25	1.33	1.33	220	17.80	103	85	46	1	0	1	1		
MO KANSAS CITY	79	61	88	52	70	1	3.17	1.97	2.95	0.22	30	17.38	119	85	49	0	0	3	1		
MO SAINT LOUIS	85	64	90	55	75	3	0.16	-0.96	0.16	0.16	25	19.37	114	77	41	1	0	1	0		
MO SPRINGFIELD	81	61	88	52	71	2	0.94	-0.13	0.94	0.94	148	23.69	127	89	48	0	0	1	1		
MS JACKSON	88	67	92	59	78	1	2.07	1.11	1.28	2.07	389	28.47	115	98	48	2	0	2	2		
MS MERIDIAN	91	66	95	60	78	3	0.17	-0.86	0.11	0.13	23	24.32	94	93	45	4	0	3	0		
MS TUPELO	89	67	95	59	78	3	0.05	-1.07	0.03	0.05	8	26.67	105	85	43	3	0	2	0		
MT BILLINGS	67	47	75	40	57	-4	1.19	0.65	0.56	0.51	162	6.76	108	89	42	0	0	4	1		
MT BUTTE	57	39	66	32	48	-4	1.70	1.05	0.81	0.71	187	3.52	65	91	52	0	1	5	1		
MT CUT BANK	62	38	70	32	50	-4	0.12	-0.55	0.08	0.11	28	1.17	28	81	29	0	2	2	0		
MT GLASGOW	74	45	79	40	60	-1	0.00	-0.60	0.00	0.00	0	3.19	74	77	25	0	0	0	0		
MT GREAT FALLS	66	41	73	32	53	-3	0.19	-0.57	0.19	0.19	44	5.37	86	83	34	0	1	1	0		
MT HAVRE	74	43	80	32	58	0	0.28	-0.24	0.28	0.28	92	1.67	40	69	21	0	2	1	0		
MT MISSOULA	69	47	77	40	58	0	0.41	-0.19	0.18	0.40	118	4.59	74	85	40	0	0	4	0		
NC ASHEVILLE	80	59	86	55	70	3	0.58	-0.37	0.58	0.58	100	24.72	132	94	44	0	0	1	1		
NC CHARLOTTE	89	65	95	61	78	6	0.26	-0.61	0.26	0.26	50	18.49	106	90	39	3	0	1	0		
NC GREENSBORO	86	64	91	60	75	3	0.09	-0.81	0.09	0.09	17	18.74	109	89	43	2	0	1	0		
NC HATTERAS	86	72	89	68	79	7	0.42	-0.36	0.37	0.42	93	20.69	95	90	61	0	0	2	0		
NC RALEIGH	90	66	94	59	78	5	0.00	-0.86	0.00	0.00	0	19.05	109	91	44	4	0	0	0		
NC WILMINGTON	91	70	98	67	80	6	3.49	2.34	2.92	3.49	544	14.98	76	96	46	4	0	2	2		
ND BISMARCK	73	43	82	35	58	-3	0.25	-0.44	0.25	0.00	0	16.84	283	87	34	0	0	1	0		
ND DICKINSON	67	42	73	34	55	-3	0.04	-0.62	0.04	0.00	0	5.13	91	83	37	0	0	1	0		
ND FARGO	73	47	82	37	60	-2	0.58	-0.20	0.39	0.00	0	9.72	134	88	38	0	0	2	0		
ND GRAND FORKS	71	45	81	37	58	-2	1.05	0.33	0.50	0.00	0	11.79	189	88	43	0	0	3	1		
ND JAMESTOWN	71	47	81	38	59	-2	1.01	0.31	0.89	0.00	0	8.79	145	90	41	0	0	3	1		
NE GRAND ISLAND	82	56	87	45	69	3	0.04	-1.04	0.04	0.04	6	4.85	45	79	30	0	0	1	0		
NE LINCOLN	83	56	90	42	69	1	0.18	-0.85	0.18	0.18	30	9.83	89	80	35	1	0	1	0		
NE NORFOLK	80	52	87	37	66	0	0.89	-0.14	0.87	0.87	145	6.36	61	86	35	0	0	2	1		
NE NORTH PLATTE	79	49	89	38	64	1	0.24	-0.66	0.23	0.01	2	5.50	68	90	34	0	0	2	0		
NE OMAHA	82	58	90	45	70	3	0.64	-0.51	0.63	0.01	1	9.69	80	83	35	1	0	2	1		
NE SCOTTSBLUFF	72	48	85	44	60	-2	1.50	0.74	1.15	0.00	0	5.20	76	90	37	0	0	3	1		
NE VALENTINE	73	48	81	41	60	-2	1.30	0.45	0.78	0.20	40	5.08	65	85	41	0	0	5	1		
NH CONCORD	72	51	88	46	62	1	0.57	-0.33	0.29	0.57	108	16.24	100	97	51	0	0	3	0		
NJ ATLANTIC_CITY	83	61	95	56	72	6	0.47	-0.31	0.46	0.47	107	22.73	128	94	50	1	0	2	0		
NJ NEWARK	85	64	98	62	74	6	0.69	-0.31	0.54	0.69	120	18.82	96	81	38	2	0	2	1		
NM ALBUQUERQUE	87	59	89	54	73	2	0.00	-0.11	0.00	0.00	0	0.89	33	41	7	0	0	0	0		
NV ELY	67	34	80	23	51	-5	0.00	-0.24	0.00	0.00	0	1.63	34	65	17	0	4	0	0		
NV LAS VEGAS	91	70	98	65	80	-2	0.00	-0.02	0.00	0.00	0	0.16	7	22	8	4	0	0	0		
NV RENO	74	49	84	44	62	-2	0.00	-0.13	0.00	0.00	0	0.71	18	49	20	0	0	0	0		
NV WINNEMUCCA	73	40	83	32	57	-3	0.01	-0.20	0.01	0.01	10	2.07	45	73	20	0	1	1	0		
NY ALBANY	80	57	92	48	69	5	0.39	-0.51	0.39	0.39	74	23.08	151	89	40	1	0	1	0		
NY BINGHAMTON	76	56	86	48	66	6	1.46	0.52	1.46	1.46	262	17.36	114	90	45	0	0	1	1		
NY BUFFALO	74	57	83	51	66	4	0.62	-0.22	0.62	0.62	127	15.14	98	84	46	0	0	1	1		
NY ROCHESTER	77	55	88	49	66	4	0.37	-0.30	0.37	0.37	94	12.76	99	90	43	0	0	1	0		
NY SYRACUSE	77	56	89	49	66	4	1.06	0.30	1.06	1.06	246	13.61	95	89	46	0	0	1	1		
OH AKRON-CANTON	82	59	90	51	70	6	0.49	-0.46	0.49	0.49	94	20.65	127	86	41	1	0	1	0		
OH CINCINNATI	83	61	89	54	72	4	0.53	-0.55	0.53	0.53	87	23.50	122	95	39	0	0	1	1		
OH CLEVELAND	81	60	90	53	71	6	0.41	-0.43	0.41	0.41	89	16.54	106	83	40	1	0	1	0		
OH COLUMBUS	83	59	90	53	71	4	0.15	-0.88	0.15	0.15	25	22.67	140	97	43	1	0	1	0		
OH DAYTON	84	61	89	55	73	6	0.75	-0.30	0.75	0.75	126	20.42	116	83	38	0	0	1	1		
OH MANSFIELD	80	58	88	50	69	6	0.67	-0.48	0.67	0.67	101	20.57	114	90	43	0	0	1	1		

Based on 1981-2010 normals

*** Not Available

Weather Data for the Week Ending June 4, 2022

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE
OK TOLEDO	85	59	94	49	72	7	0.00	-0.84	0.00	0.00	0	20.75	150	76	32	2	0	0	0
OK YOUNGSTOWN	80	55	88	48	67	5	0.55	-0.36	0.47	0.55	106	25.01	164	91	43	0	0	2	0
OK OKLAHOMA CITY	82	65	88	59	73	-1	1.40	0.16	1.22	1.40	189	12.41	85	90	58	0	0	2	1
OR TULSA	84	67	89	58	76	2	0.08	-1.22	0.08	0.08	10	17.65	102	84	52	0	0	1	0
OR ASTORIA	61	51	67	43	56	1	1.35	0.64	0.96	1.14	272	38.45	113	95	68	0	0	4	1
OR BURNS	66	41	78	33	54	-1	0.25	-0.02	0.17	0.25	175	3.47	61	87	37	0	0	3	0
OR EUGENE	70	50	80	43	60	2	0.87	0.31	0.57	0.70	235	16.78	70	93	50	0	0	3	1
OR MEDFORD	73	50	85	41	61	-2	0.38	0.13	0.34	0.38	282	5.54	61	86	34	0	0	2	0
OR PENDLETON	70	51	81	47	60	-1	1.63	1.28	0.81	0.80	416	9.37	141	89	48	0	0	5	2
OR PORTLAND	71	55	81	50	63	2	0.83	0.28	0.36	0.46	151	20.11	113	85	48	0	0	5	0
OR SALEM	70	52	80	49	61	2	0.74	0.23	0.37	0.44	151	21.71	109	89	51	0	0	4	0
PA ALLENTOWN	82	57	92	51	70	5	0.53	-0.47	0.28	0.53	95	21.72	125	93	43	1	0	3	0
PA ERIE	77	58	86	50	67	5	0.11	-0.71	0.11	0.11	23	17.28	111	79	43	0	0	1	0
PA MIDDLETOWN	85	63	92	58	74	7	0.26	-0.59	0.22	0.26	57	18.46	116	81	37	3	0	2	0
PA PHILADELPHIA	87	65	96	64	76	7	1.04	0.19	1.04	1.04	220	15.84	92	82	38	1	0	1	1
PA PITTSBURGH	81	56	88	50	68	4	0.96	-0.06	0.82	0.96	166	17.96	114	92	43	0	0	2	1
PA WILKES-BARRE	82	58	92	49	70	7	0.61	-0.30	0.49	0.61	112	18.58	130	90	41	1	0	3	0
PA WILLIAMSPORT	85	57	92	49	71	6	0.43	-0.43	0.39	0.43	87	16.42	107	90	34	3	0	2	0
RI PROVIDENCE	77	57	89	56	67	3	0.55	-0.40	0.55	0.55	95	17.73	86	88	51	0	0	1	1
SC CHARLESTON	90	70	94	69	80	3	0.49	-0.45	0.36	0.49	82	10.87	64	96	50	4	0	2	0
SC COLUMBIA	92	68	97	62	80	4	0.00	-0.88	0.00	0.00	0	16.43	96	89	35	6	0	0	0
SC FLORENCE	94	69	100	66	82	6	0.37	-0.63	0.37	0.37	60	15.76	99	88	35	6	0	1	0
SC GREENVILLE	87	64	93	58	76	2	1.12	0.24	1.12	1.12	225	25.22	127	89	39	2	0	1	1
SD ABERDEEN	74	50	84	42	62	1	2.53	1.78	2.05	0.00	0	10.69	140	90	41	0	0	3	1
SD HURON	72	49	80	38	61	-3	2.07	1.16	1.39	0.04	7	8.60	100	90	48	0	0	5	2
SD RAPID CITY	66	44	72	37	55	-5	1.04	0.26	0.55	0.01	2	4.89	67	90	47	0	0	4	1
SD SIOUX FALLS	74	53	81	44	63	0	2.71	1.85	1.84	0.28	55	7.94	80	88	44	0	0	4	2
TN BRISTOL	86	58	90	51	72	4	0.21	-0.70	0.21	0.21	40	22.25	124	95	38	1	0	1	0
TN CHATTANOOGA	89	65	93	59	77	4	0.01	-0.87	0.01	0.01	2	26.42	113	89	37	4	0	1	0
TN KNOXVILLE	86	64	91	58	75	3	0.37	-0.56	0.35	0.37	73	26.38	119	90	43	1	0	2	0
TN MEMPHIS	88	67	93	64	78	1	0.06	-0.98	0.04	0.06	10	26.35	106	80	45	3	0	2	0
TN NASHVILLE	88	64	93	56	76	4	0.00	-1.11	0.00	0.00	0	27.20	124	80	35	3	0	0	0
TX ABILENE	94	69	103	63	82	5	0.68	-0.28	0.41	0.68	117	4.41	46	75	33	5	0	3	0
TX AMARILLO	82	58	96	51	70	0	0.49	-0.28	0.37	0.49	108	3.86	56	82	38	3	0	3	0
TX AUSTIN	96	74	99	68	85	5	0.59	-0.59	0.59	0.59	87	9.04	63	85	37	7	0	1	1
TX BEAUMONT	89	73	93	69	81	2	2.09	0.81	1.33	2.09	278	11.17	51	92	57	4	0	3	2
TX BROWNSVILLE	92	77	93	73	85	2	0.00	-0.59	0.00	0.00	0	12.65	156	91	57	7	0	0	0
TX CORPUS CHRISTI	91	76	94	72	84	3	0.01	-0.72	0.01	0.01	2	6.13	57	96	57	7	0	1	0
TX DEL RIO	99	77	103	70	88	5	0.04	-0.66	0.04	0.04	10	2.73	36	74	30	7	0	1	0
TX EL PASO	96	67	100	63	82	3	0.12	-0.01	0.12	0.12	150	1.44	70	39	10	7	0	1	0
TX FORT WORTH	89	71	95	65	80	2	2.65	1.57	2.15	2.65	439	15.52	92	86	48	3	0	3	1
TX GALVESTON	91	80	93	77	85	4	0.59	0.00	0.59	0.59	0	9.57	0	78	58	6	0	1	1
TX HOUSTON	92	75	95	70	83	3	0.02	-1.19	0.01	0.01	1	19.74	103	87	47	7	0	2	0
TX LUBBOCK	87	65	98	57	76	2	0.80	0.07	0.78	0.80	182	4.02	60	77	34	3	0	2	1
TX MIDLAND	91	66	101	59	79	1	1.65	1.15	0.82	1.65	607	2.14	46	84	32	5	0	3	2
TX SAN ANGELO	93	69	102	63	81	3	0.71	-0.04	0.43	0.71	170	3.26	38	79	33	5	0	3	0
TX SAN ANTONIO	97	75	99	71	86	6	0.09	-0.94	0.09	0.09	15	4.41	35	83	34	7	0	1	0
TX VICTORIA	95	75	98	70	85	5	0.35	-0.74	0.35	0.35	60	6.07	38	95	48	7	0	1	0
TX WACO	92	72	96	66	82	4	0.60	-0.41	0.32	0.60	104	8.50	55	87	45	5	0	2	0
TX WICHITA FALLS	88	67	96	62	78	2	1.98	0.85	1.13	1.98	282	8.85	72	88	50	4	0	3	2
UT SALT LAKE CITY	74	51	88	43	62	-3	0.76	0.39	0.38	0.00	0	4.44	52	67	27	0	0	2	0
VA LYNCHBURG	88	61	93	56	74	7	0.23	-0.68	0.23	0.23	44	19.07	111	93	39	3	0	1	0
VA NORFOLK	86	68	95	62	77	6	0.03	-0.89	0.03	0.03	5	16.58	94	92	46	3	0	1	0
VA RICHMOND	90	64	96	59	77	6	0.24	-0.70	0.24	0.24	43	15.78	90	93	35	4	0	1	0
VA ROANOKE	87	61	92	55	74	5	0.20	-0.81	0.19	0.20	34	19.05	110	86	41	3	0	2	0
VA WASH/DULLES	87	61	94	53	74	6	0.42	-0.61	0.42	0.42	74	17.35	100	92	39	4	0	1	0
VT BURLINGTON	76	56	85	52	66	5	0.85	0.00	0.79	0.85	175	13.43	105	91	44	0	0	2	1
WA OLYMPIA	67	48	76	42	58	1	0.54	0.03	0.28	0.35	118	29.00	118	96	54	0	0	3	0
WA QUILLAYUTE	61	49	67	46	55	2	1.78	0.74	1.13	1.73	297	54.92	111	99	74	0	0	4	2
WA SEATTLE-TACOMA	65	51	72	45	58	-1	0.59	0.14	0.26	0.33	127	22.23	126	91	56	0	0	4	0
WA SPOKANE	68	50	78	44	59	0	0.82	0.41	0.42	0.67	294	7.39	93	90	43	0	0	4	0
WA YAKIMA	73	50	83	46	62	0	0.06	-0.10	0.04	0.06	57	3.24	84	81	33	0	0	2	0
WI EAU CLAIRE	76	51	87	40	63	1	0.30	-0.56	0.23	0.00	0	6.26	61	84	39	0	0	2	0
WI GREEN BAY	79	56	87	45	67	7	0.00	-0.84	0.00	0.00	0	10.88	107	75	34	0	0	0	0
WI LA CROSSE	78	58	89	50	68	4	0.24	-0.65	0.11	0.09	17	10.24	88	80	38	0	0	3	0
WI MADISON	78	56	90	46	67	5	0.05	-0.93	0.05	0.05	8	11.46	92	78	36	1	0	1	0
WI MILWAUKEE	79	59	87	50	69	8	0.05	-0.78	0.04	0.04	8	12.29	94	75	39	0	0	2	0
WI BECKLEY	80	55	85	46	67	4	0.57	-0.44	0.57	0.57	103	19.31	109	93	45	0	0	1	1
WI CHARLESTON	85	58	90	49	71	3	0.25	-0.89	0.25	0.25	39	22.22	118	100	42	2	0	1	0
WI ELKINS	81	53	86	46	67	5	0.86	-0.22	0.46	0.86	147	22.15	112	96	45	0	0	2	0
WI HUNTINGTON	85	59	89	51	72	4	0.03	-1.06	0.03	0.03	5	21.13	113	94	41	0	0	1	0
WY CASPER	63	39	77	34	51	-6	1.82	1.39	0.93	0.19	76	7.96	144	96	49	0	0	5	1
WY CHEYENNE	66	43	80	37	55	-3	0.31	-0.33	0.20	0.20	53	3.95	61	81	32	0	0	3	0
WY LANDER	62	41	72	36	51	-7	1.32	0.89	0.90	0.00	0	8.83	135	89	48	0	0	2	1
WY SHERIDAN	65	41	76	32	53	-4	2.54	1.95	2.36	0.00	0	11.06	172	90	48	0	1	2	1

Based on 1981-2010 normals

*** Not Available

National Agricultural Summary

May 30 – June 5, 2022

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Most of southern Florida and large parts of the Great Plains, Pacific Northwest, and Rockies received at least twice the normal amount of precipitation. As a result of Tropical Storm Alex, much of southern Florida recorded at least 7 inches of rain. Meanwhile, most of the eastern half of the U.S. recorded above-normal weekly

temperatures. Parts of the mid-Atlantic recorded temperatures 6°F or more above normal. In contrast, most of the western half of the nation was cooler than normal. Some areas in Colorado and much of Wyoming recorded temperatures 6°F or more below normal, along with a few locations in Nebraska, Oregon, and Utah.

Corn: By June 5, producers had planted 94 percent of the nation's corn, 4 percentage points behind last year but 2 points ahead of the 5-year average. Ninety-eight percent of Iowa's intended corn acreage was planted by week's end, 2 percentage points behind last year but 2 points ahead of average. Seventy-eight percent of the nation's corn acreage had emerged by June 5, eleven percentage points behind the previous year and 3 points behind average. On June 5, seventy-three percent of the nation's corn acreage was rated in good to excellent condition, 1 percentage point above the previous year.

Soybean: Seventy-eight percent of the nation's soybean acreage was planted by June 5, eleven percentage points behind last year and 1 point behind the 5-year average. In Illinois, 88 percent of the intended soybean acreage was planted by week's end, 4 percentage points behind last year but 10 points ahead of average. Fifty-six percent of the nation's soybean acreage had emerged by June 5, eighteen percentage points behind last year and 3 points behind average.

Winter Wheat: By June 5, seventy-nine percent of the nation's winter wheat crop was headed, 5 percentage points behind both last year and the 5-year average. Five percent of the 2022 winter wheat acreage had been harvested by June 5, three percentage points ahead of last year but 1 point behind average. On June 5, thirty percent of the 2022 winter wheat crop was reported in good to excellent condition, 1 percentage point above the previous week but 20 points below last year. In Kansas, the largest winter wheat-producing state, 29 percent of the winter wheat was rated in good to excellent condition.

Cotton: Nationwide, 84 percent of the cotton crop was planted by June 5, fourteen percentage points ahead of the previous year and 8 points ahead of the 5-year average. In Texas, 82 percent of the 2022 cotton acreage was planted by June 5, twenty-three percentage points ahead of last year and 13 points ahead of average. Eleven percent of the nation's cotton acreage had reached the squaring stage by June 5, two percentage points ahead of last year and 1 point ahead of average. On June 5, forty-eight percent of the cotton acreage was rated in good to excellent condition, 4 percentage points above the previous week and 2 points above the same time last year.

Sorghum: Fifty-six percent of the nation's sorghum acreage was planted by June 5, six percentage points ahead of the previous year and 1 point ahead of average. Texas had planted 86 percent of its sorghum acreage by June 5, two percentage points behind the previous year and 4 points behind average. Forty-six percent of the nation's sorghum acreage was rated in good to excellent condition on June 5, twenty-eight percentage points below the previous year.

Rice: By June 5, eighty-nine percent of the nation's rice acreage had emerged, 1 percentage point behind last year but equal to the 5-year average. On June 5, seventy-two percent of the rice acreage was rated in

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

Small Grains: Nationally, oat producers had seeded 94 percent of this year's acreage by June 5, five percentage points behind the previous year and 3 points behind the 5-year average. Oat planting progress was behind the 5-year average in six of the nine estimating states. Eighty percent of the nation's oat acreage was emerged by June 5, fourteen percentage points behind the previous year and 11 points behind average. Twenty-six percent of the nation's oat acreage had headed by June 5, ten percentage points behind last year and 7 points behind average. On June 5, fifty-five percent of the nation's oat acreage was rated in good to excellent condition, 4 percentage points above the previous week and 9 points above the same time last year.

Ninety-one percent of the nation's barley crop was planted by June 5, seven percentage points behind last year and 6 points behind the 5-year average. Planting progress in Minnesota and North Dakota remained far behind the average pace. Seventy-three percent of the nation's barley had emerged by June 5, thirteen percentage points behind the previous year and 11 points behind average. On June 5, forty-six percent of the nation's barley acreage was rated in good to excellent condition, unchanged from the previous week but 3 percentage points above the same time last year.

By June 5, eighty-two percent of the spring wheat crop was seeded, 17 percentage points behind last year and 15 points behind the 5-year average. Planting progress in Minnesota and North Dakota remained far behind the average pace. By June 5, fifty-five percent of the nation's spring wheat crop had emerged, 34 percentage points behind the previous year and 28 points behind average.

Other Crops: Nationally, peanut producers had planted 88 percent of the 2022 peanut acreage by June 5, two percentage points ahead of the previous year and 1 point ahead of the 5-year average. Producers in Georgia, the largest peanut-producing state, had planted 92 percent of the 2022 intended acreage by week's end, 1 percentage point ahead of the previous year and 2 points ahead of average. On June 5, seventy-three percent of the nation's peanut acreage was rated in good to excellent condition, unchanged from the previous week but 12 percentage points above the same time last year.

By June 5, ninety-four percent of the sugarbeet crop was planted, 6 percentage points behind both last year and the 5-year average. Weekly advances of 25 percentage points or more were reported in Minnesota and North Dakota.

Thirty-three percent of the nation's intended 2022 sunflower acreage was planted by June 5, twenty-four percentage points behind last year and 17 points behind the 5-year average.

Crop Progress and Condition

Week Ending June 5, 2022

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

Corn Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
CO	89	84	95	92
IL	95	89	95	89
IN	97	81	92	85
IA	100	94	98	96
KS	89	87	93	91
KY	96	89	95	94
MI	98	80	93	82
MN	100	82	93	96
MO	95	91	95	93
NE	100	95	98	98
NC	100	99	100	99
ND	96	56	81	92
OH	95	72	85	82
PA	89	63	79	84
SD	99	86	93	89
TN	99	96	98	97
TX	99	94	97	98
WI	98	80	89	88
18 Sts	98	86	94	92
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Emerged				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
CO	66	45	70	75
IL	92	76	89	80
IN	86	58	76	72
IA	95	73	87	88
KS	73	61	77	78
KY	84	67	79	82
MI	90	47	74	63
MN	95	42	66	86
MO	90	76	86	87
NE	93	73	88	89
NC	99	95	98	97
ND	72	7	22	64
OH	81	51	65	67
PA	65	23	51	62
SD	91	44	68	75
TN	95	81	92	92
TX	90	87	94	91
WI	88	55	73	71
18 Sts	89	61	78	81
These 18 States planted 92% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	2	10	46	36	6
IL	0	1	18	66	15
IN	1	3	20	63	13
IA	0	1	13	68	18
KS	0	7	33	50	10
KY	1	2	15	68	14
MI	1	3	23	59	14
MN	1	3	36	53	7
MO	1	5	23	64	7
NE	1	4	20	62	13
NC	2	5	24	53	16
ND	0	2	35	56	7
OH	1	5	24	53	17
PA	0	0	6	84	10
SD	0	3	30	61	6
TN	1	4	16	64	15
TX	8	19	41	27	5
WI	0	1	15	66	18
18 Sts	1	3	23	61	12
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	1	4	23	58	14

Cotton Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
AL	94	85	91	92
AZ	98	98	99	99
AR	97	89	97	97
CA	99	100	100	98
GA	87	73	86	84
KS	86	84	92	76
LA	75	98	100	93
MS	90	90	96	89
MO	98	93	96	87
NC	91	82	88	86
OK	43	40	53	49
SC	89	81	92	89
TN	95	85	94	92
TX	59	60	82	69
VA	91	68	87	90
15 Sts	70	68	84	76
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Squaring				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
AL	1	1	4	4
AZ	26	20	31	25
AR	0	0	3	9
CA	4	0	5	5
GA	7	1	8	10
KS	2	0	0	1
LA	2	4	12	10
MS	1	1	4	4
MO	0	0	2	4
NC	1	0	2	4
OK	0	0	0	1
SC	0	0	1	2
TN	7	6	12	8
TX	12	12	15	13
VA	2	0	8	4
15 Sts	9	7	11	10
These 15 States planted 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	0	0	4	83	13
AZ	0	0	11	65	24
AR	1	2	19	48	30
CA	0	0	10	80	10
GA	1	4	24	65	6
KS	6	9	38	46	1
LA	0	2	27	68	3
MS	0	6	21	59	14
MO	7	11	23	59	0
NC	0	2	23	60	15
OK	0	0	5	95	0
SC	0	0	49	50	1
TN	4	6	22	59	9
TX	2	20	51	26	1
VA	0	0	10	87	3
15 Sts	2	13	37	43	5
Prev Wk	3	15	38	40	4
Prev Yr	1	14	39	41	5

Crop Progress and Condition

Week Ending June 5, 2022

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

Soybeans Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
AR	85	78	86	79
IL	92	75	88	78
IN	91	70	84	75
IA	97	85	94	87
KS	67	56	64	64
KY	73	63	73	64
LA	85	99	100	93
MI	96	60	84	73
MN	100	55	72	90
MS	93	92	95	90
MO	63	52	61	61
NE	97	87	96	90
NC	70	72	78	63
ND	94	23	41	85
OH	88	56	71	70
SD	96	61	77	79
TN	71	60	73	67
WI	96	73	86	78
18 Sts	89	66	78	79
These 18 States planted 96% of last year's soybean acreage.				

Soybeans Percent Emerged				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
AR	76	69	77	69
IL	83	52	75	63
IN	76	45	63	58
IA	84	45	69	67
KS	48	35	46	46
KY	55	41	56	46
LA	75	96	98	86
MI	84	33	62	53
MN	91	20	39	69
MS	82	84	90	81
MO	47	31	44	46
NE	82	55	75	71
NC	56	60	71	50
ND	62	1	4	46
OH	72	29	47	52
SD	83	16	35	56
TN	57	43	55	49
WI	80	39	58	52
18 Sts	74	39	56	59
These 18 States planted 96% of last year's soybean acreage.				

Peanuts Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
AL	91	77	83	87
FL	94	91	95	93
GA	91	82	92	90
NC	86	78	89	83
OK	46	32	45	61
SC	94	80	92	93
TX	48	61	68	75
VA	91	87	98	91
8 Sts	86	79	88	87
These 8 States planted 96% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	1	3	95	1
FL	0	0	20	63	17
GA	1	3	20	66	10
NC	0	2	13	74	11
OK	0	0	7	93	0
SC	0	0	3	78	19
TX	1	35	52	12	0
VA	0	0	10	87	3
8 Sts	1	6	20	64	9
Prev Wk	0	6	21	68	5
Prev Yr	1	7	31	55	6

Rice Percent Emerged				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
AR	94	84	92	91
CA	74	50	70	72
LA	94	97	98	97
MS	93	95	97	90
MO	96	64	81	87
TX	91	89	93	94
6 Sts	90	79	89	89
These 6 States planted 100% of last year's rice acreage.				

Rice Condition by Percent					
	VP	P	F	G	EX
AR	0	2	20	58	20
CA	0	0	35	45	20
LA	0	2	22	72	4
MS	0	5	27	58	10
MO	0	9	32	53	6
TX	0	1	55	36	8
6 Sts	0	2	26	57	15
Prev Wk	0	2	27	57	14
Prev Yr	0	1	24	62	13

Sugarbeets Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
ID	100	100	100	100
MI	100	99	100	99
MN	100	65	90	99
ND	100	60	92	100
4 Sts	100	75	94	100
These 4 States planted 84% of last year's sugarbeet acreage.				

Sorghum Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
CO	32	20	31	43
KS	28	20	42	32
NE	69	55	77	72
OK	33	25	33	42
SD	78	36	51	58
TX	88	81	86	90
6 Sts	50	40	56	55
These 6 States planted 100% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
CO	5	7	19	62	7
KS	1	6	40	50	3
NE	0	4	24	71	1
OK	0	1	14	84	1
SD	0	1	43	55	1
TX	14	25	45	14	2
6 Sts	5	11	38	43	3
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	1	2	23	66	8

Sunflowers Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
CO	27	12	25	26
KS	38	12	32	34
ND	70	22	33	67
SD	51	23	35	39
4 Sts	57	21	33	50
These 4 States planted 86% of last year's sunflower acreage.				

Crop Progress and Condition

Week Ending June 5, 2022

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

Winter Wheat Percent Headed				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
AR	98	100	100	100
CA	100	98	100	100
CO	70	46	78	80
ID	28	14	22	35
IL	96	91	97	95
IN	90	63	86	89
KS	96	95	98	97
MI	81	23	52	51
MO	96	95	96	97
MT	6	5	8	8
NE	75	50	74	73
NC	100	98	100	99
OH	89	65	86	87
OK	100	100	100	100
OR	92	29	45	86
SD	60	12	33	48
TX	100	96	100	99
WA	66	11	16	65
18 Sts	84	72	79	84
These 18 States planted 89% of last year's winter wheat acreage.				

Winter Wheat Percent Harvested				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
AR	9	0	15	20
CA	4	NA	5	6
CO	0	NA	0	0
ID	0	NA	0	0
IL	0	NA	0	1
IN	0	NA	0	0
KS	0	NA	0	0
MI	0	NA	0	0
MO	0	NA	1	2
MT	0	NA	0	0
NE	0	NA	0	0
NC	9	2	17	15
OH	0	NA	0	0
OK	2	6	15	13
OR	0	NA	0	0
SD	0	NA	0	0
TX	20	22	36	38
WA	0	NA	0	0
18 Sts	2	NA	5	6
These 18 States harvested 91% of last year's winter wheat acreage.				

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	0	2	19	50	29
CA	0	0	15	85	0
CO	31	24	26	19	0
ID	1	5	26	54	14
IL	0	4	19	55	22
IN	3	7	23	50	17
KS	18	23	30	26	3
MI	2	12	28	45	13
MO	0	6	32	54	8
MT	7	19	51	23	0
NE	20	17	34	24	5
NC	1	1	16	70	12
OH	3	5	31	45	16
OK	31	18	41	9	1
OR	2	6	34	43	15
SD	3	16	39	34	8
TX	59	23	12	5	1
WA	1	2	26	61	10
18 Sts	23	17	30	26	4
Prev Wk	23	17	31	25	4
Prev Yr	5	13	32	42	8

Barley Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
ID	100	95	97	98
MN	98	48	60	98
MT	95	94	99	96
ND	100	62	75	97
WA	100	98	100	98
5 Sts	98	85	91	97
These 5 States planted 82% of last year's barley acreage.				

Barley Percent Emerged				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
ID	96	78	92	92
MN	92	20	35	90
MT	79	81	90	79
ND	85	18	29	80
WA	96	79	90	86
5 Sts	86	62	73	84
These 5 States planted 82% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	2	4	25	52	17
MN	0	1	39	57	3
MT	5	34	43	18	0
ND	0	0	32	55	13
WA	0	1	14	77	8
5 Sts	3	16	35	38	8
Prev Wk	2	12	40	38	8
Prev Yr	6	12	39	40	3

Spring Wheat Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
ID	100	96	98	97
MN	100	53	65	98
MT	97	94	97	96
ND	100	59	74	97
SD	100	97	98	98
WA	100	100	100	100
6 Sts	99	73	82	97
These 6 States planted 100% of last year's spring wheat acreage.				

Spring Wheat Percent Emerged				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
ID	98	75	83	90
MN	100	10	33	92
MT	85	73	85	78
ND	85	22	34	81
SD	96	85	91	94
WA	97	79	89	92
6 Sts	89	42	55	83
These 6 States planted 100% of last year's spring wheat acreage.				

Crop Progress and Condition

Week Ending June 5, 2022

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

Oats Percent Planted				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
IA	100	98	99	100
MN	100	78	86	99
NE	100	98	100	99
ND	99	69	84	95
OH	100	96	99	97
PA	95	90	96	97
SD	100	93	95	97
TX	100	100	100	100
WI	100	86	92	94
9 Sts	99	88	94	97
These 9 States planted 69% of last year's oat acreage.				

Oats Percent Emerged				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
IA	100	90	96	98
MN	97	50	68	92
NE	98	93	95	95
ND	83	30	40	73
OH	96	86	93	91
PA	84	64	80	88
SD	97	78	88	92
TX	100	100	100	100
WI	94	68	81	84
9 Sts	94	71	80	91
These 9 States planted 69% of last year's oat acreage.				

Oats Percent Headed				
	Prev Year	Prev Week	Jun 5 2022	5-Yr Avg
IA	35	10	22	23
MN	5	NA	0	7
NE	50	NA	14	41
ND	0	NA	0	1
OH	27	NA	2	17
PA	3	NA	0	6
SD	25	NA	4	13
TX	100	NA	100	100
WI	21	1	1	8
9 Sts	36	NA	26	33
These 9 States planted 69% of last year's oat acreage.				

Oat Condition by Percent					
	VP	P	F	G	EX
IA	0	1	17	68	14
MN	1	1	34	55	9
NE	10	13	25	45	7
ND	0	2	22	66	10
OH	0	2	30	48	20
PA	0	0	21	78	1
SD	0	10	43	45	2
TX	48	30	13	8	1
WI	0	1	16	65	18
9 Sts	12	10	23	47	8
Prev Wk	13	10	26	45	6
Prev Yr	5	13	36	39	7

Pasture and Range Condition by Percent											
Week Ending Jun 5, 2022											
	VP	P	F	G	EX		VP	P	F	G	EX
AL	1	4	13	76	6	NH	0	0	48	41	11
AZ	43	41	12	4	0	NJ	0	0	4	87	9
AR	1	5	28	51	15	NM	13	38	41	7	1
CA	10	20	30	40	0	NY	1	2	33	52	12
CO	25	25	24	25	1	NC	1	20	45	32	2
CT	0	0	0	100	0	ND	1	6	30	51	12
DE	1	1	34	59	5	OH	0	2	17	68	13
FL	5	12	25	39	19	OK	17	16	26	39	2
GA	2	10	35	45	8	OR	4	21	35	31	9
ID	1	4	23	67	5	PA	0	8	20	67	5
IL	0	1	14	63	22	RI	0	0	0	100	0
IN	1	3	19	59	18	SC	1	16	38	38	7
IA	0	6	30	52	12	SD	10	27	40	20	3
KS	13	14	29	40	4	TN	1	5	30	51	13
KY	1	3	21	61	14	TX	38	28	21	11	2
LA	0	6	38	52	4	UT	3	19	47	31	0
ME	0	0	25	75	0	VT	0	0	0	28	72
MD	3	4	13	38	42	VA	0	12	33	51	4
MA	0	0	15	75	10	WA	1	4	46	43	6
MI	2	2	20	63	13	WV	1	6	19	63	11
MN	2	7	32	50	9	WI	1	3	22	52	22
MS	1	7	30	51	11	WY	6	21	30	41	2
MO	0	1	26	63	10	48 Sts	19	24	29	25	3
MT	25	33	25	17	0						
NE	10	19	43	26	2	Prev Wk	22	24	30	22	2
NV	5	15	60	20	0	Prev Yr	17	20	28	27	8

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

NA - Not Available
* Revised

Crop Progress and Condition

Week Ending June 5, 2022

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

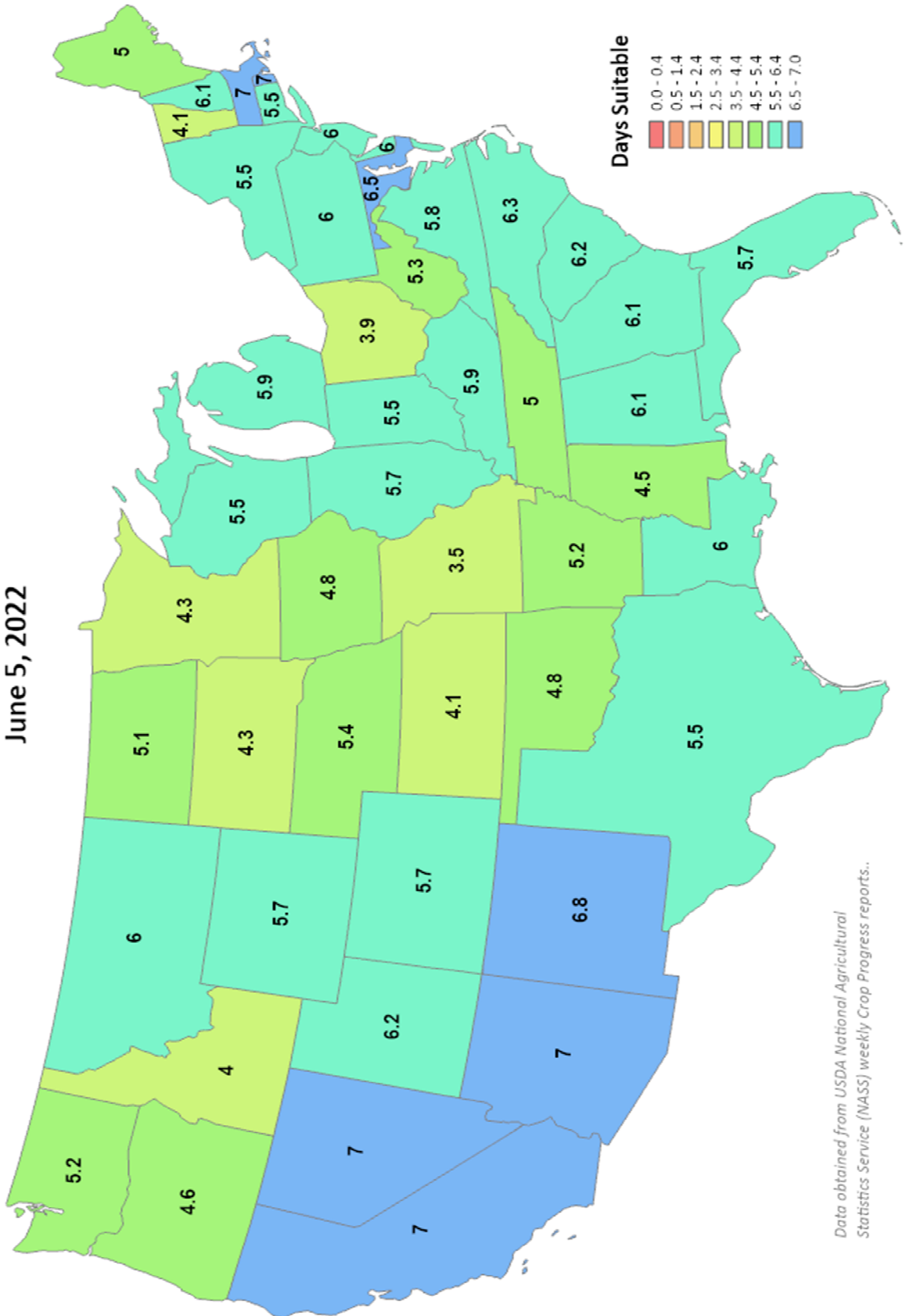
Days Suitable for Fieldwork

Week Ending

June 5, 2022



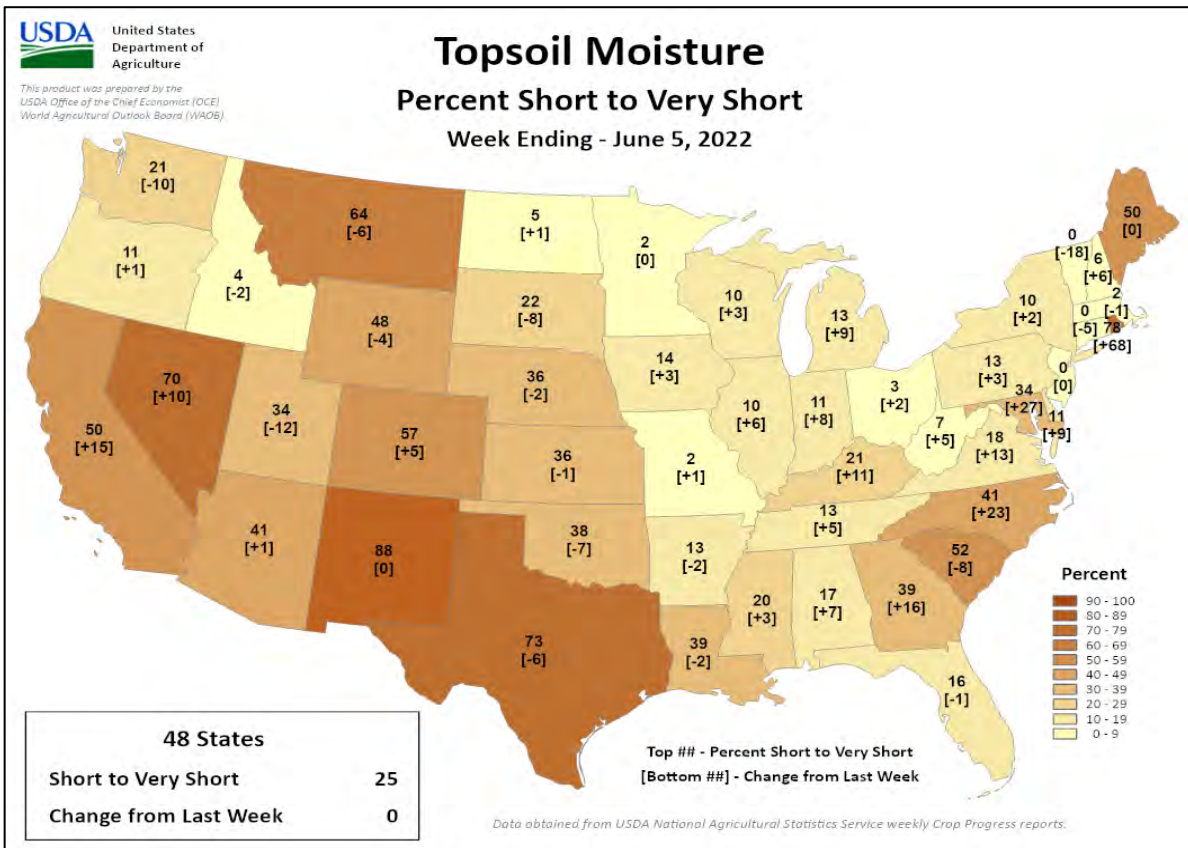
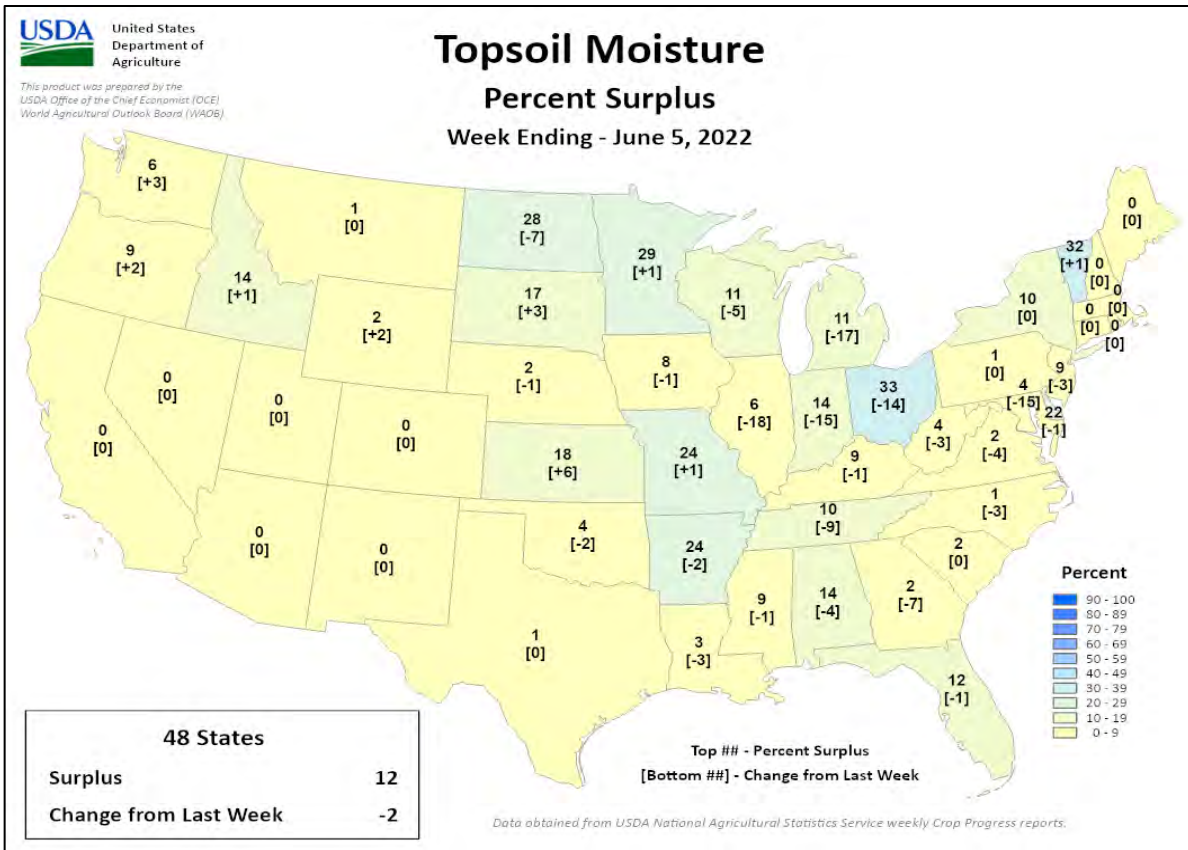
United States Department of Agriculture
This product was prepared by the USDA Office of the Chief Economist (OCE) World Agricultural Outlook Board (WAOB)



Crop Progress and Condition

Week Ending June 5, 2022

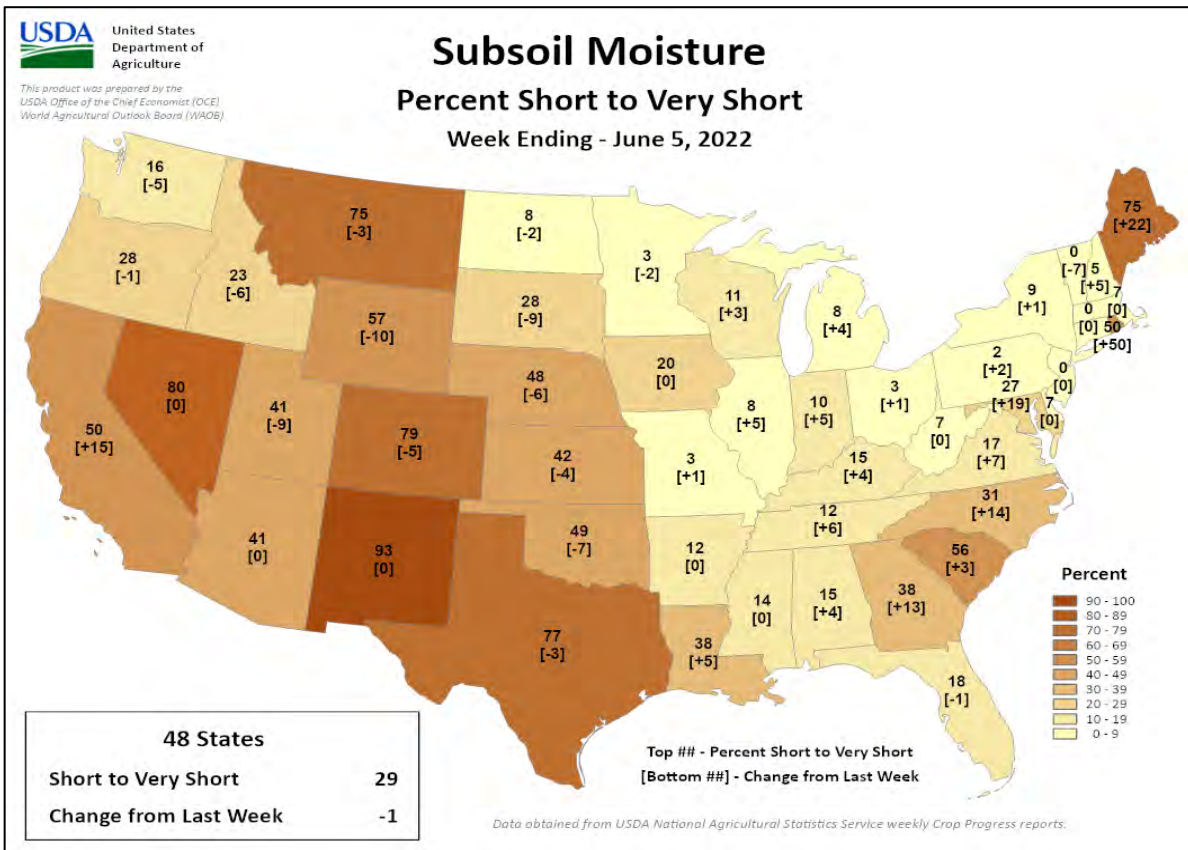
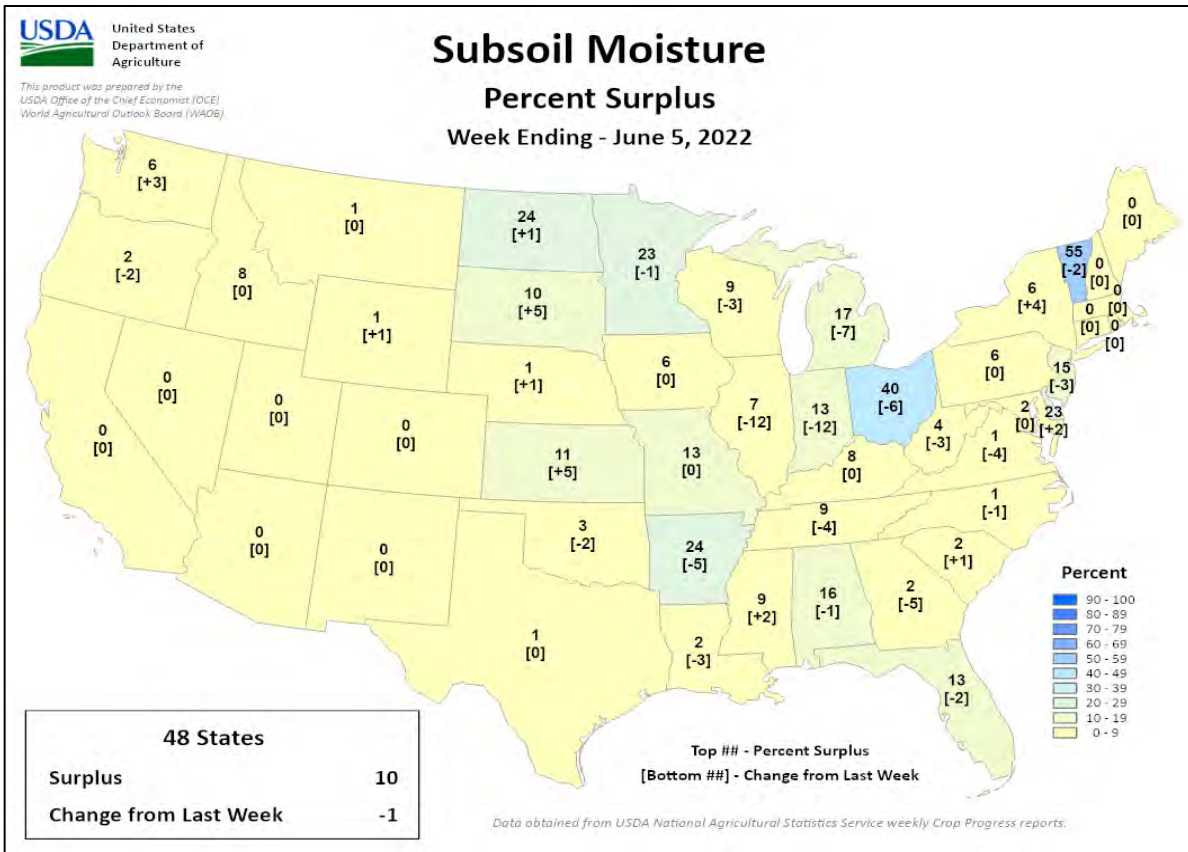
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending June 5, 2022

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



International Weather and Crop Summary

May 29 - June 4, 2022

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

HIGHLIGHTS

EUROPE: Additional showers in northern and eastern Europe contrasted with increasingly dry and warm conditions in southwestern growing areas.

WESTERN FSU: Hot, dry weather in southwestern Russia gave way to widespread rain across western and northern portions of the region.

EASTERN FSU: Rain eased dryness concerns in eastern spring grain areas and further boosted irrigation reserves in the watersheds of the cotton belt.

MIDDLE EAST: Mostly dry weather promoted wheat and barley development in Turkey and winter grain harvesting elsewhere

SOUTH ASIA: Despite an early start to the southwest monsoon, onset has slowed and rainfall has been unseasonably light in southern India.

EAST ASIA: Rainfall benefited summer crop establishment across northeastern and southern China, while hot, dry weather aided winter crop maturation and harvesting in mid-eastern sections.

SOUTHEAST ASIA: A strong start to the wet season in northern portions of the region promoted widespread rice sowing.

AUSTRALIA: Showers in the south and east sustained good early-season winter crop prospects.

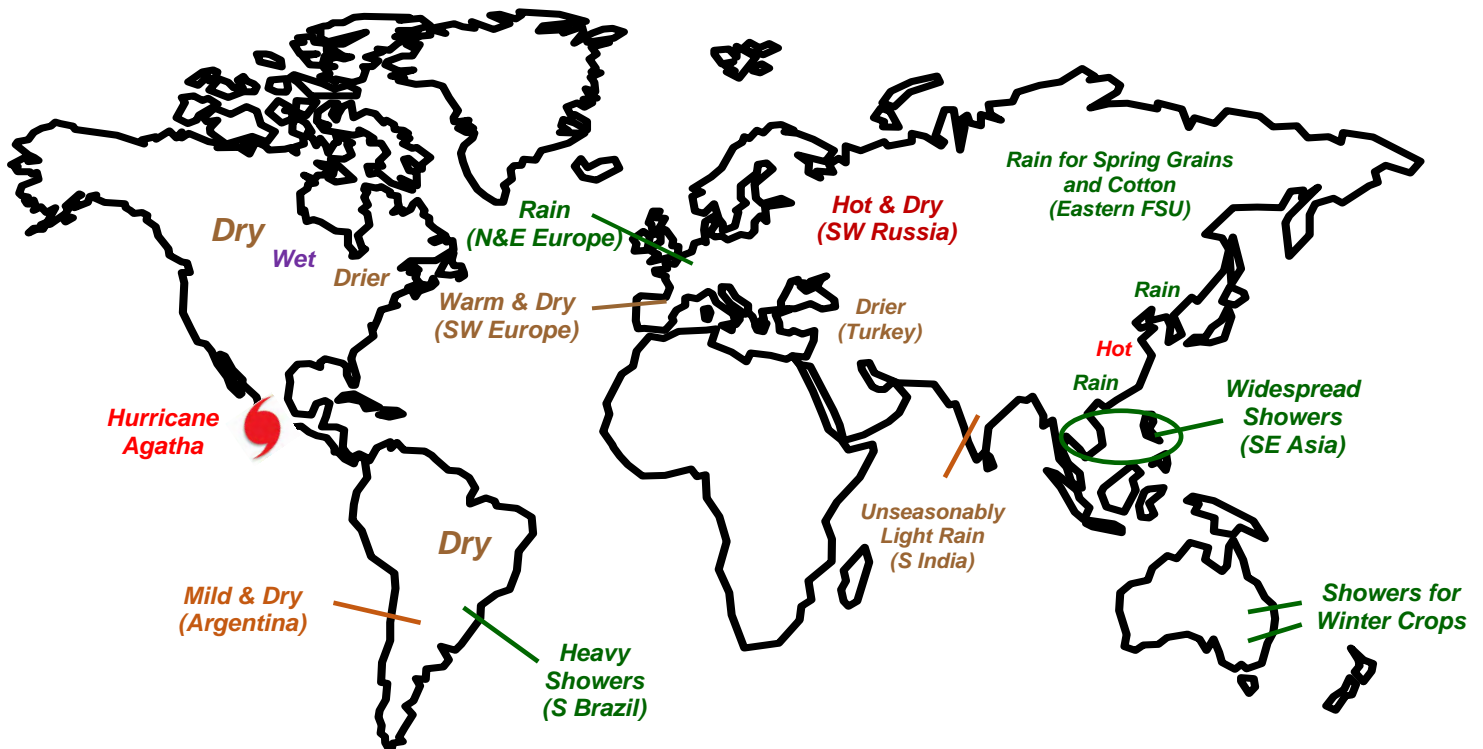
ARGENTINA: Conditions favored seasonal fieldwork.

BRAZIL: Showers intensified over southern Brazil, benefiting immature corn and emerging wheat.

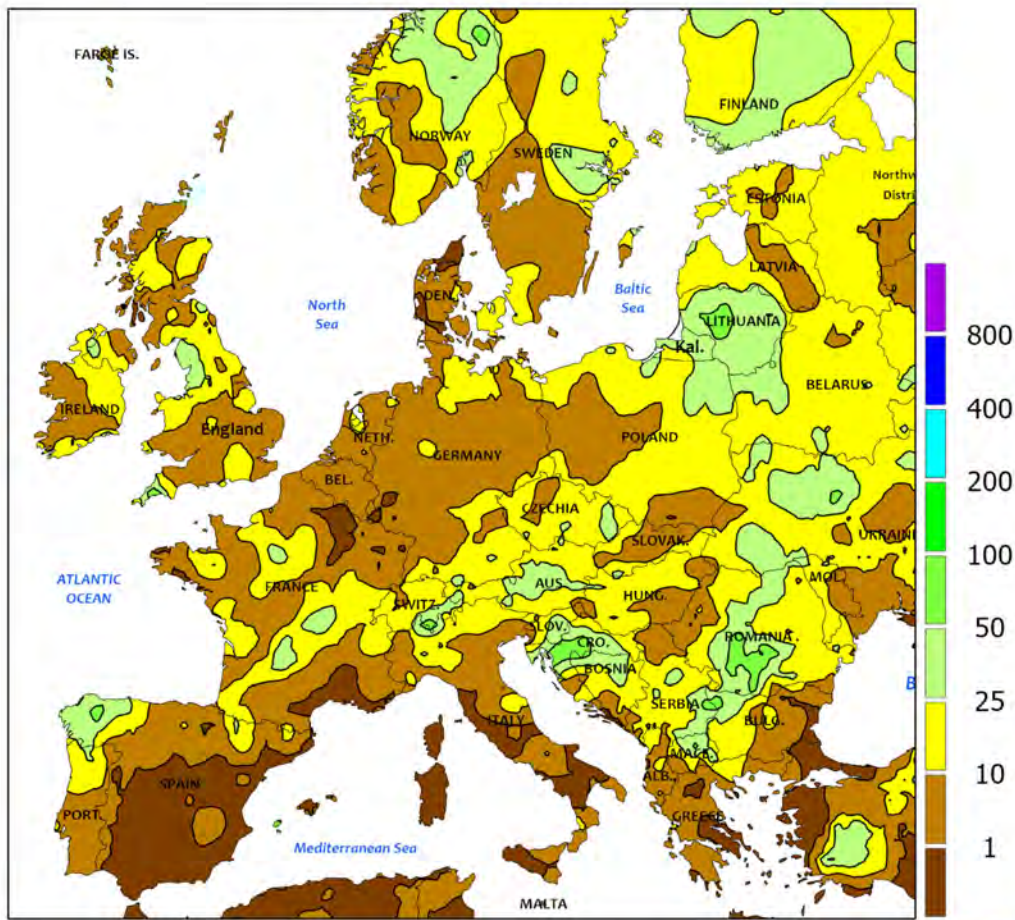
MEXICO: Hurricane Agatha generated flooding rain over the southeast.

CANADIAN PRAIRIES: Lingering wetness sustained poor planting conditions in the east t.

SOUTHEASTERN CANADA: Warm, sunny weather spurred growth of winter wheat, forage, and emerging summer crops.



EUROPE
Total Precipitation(mm)
May 29 - June 4, 2022



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

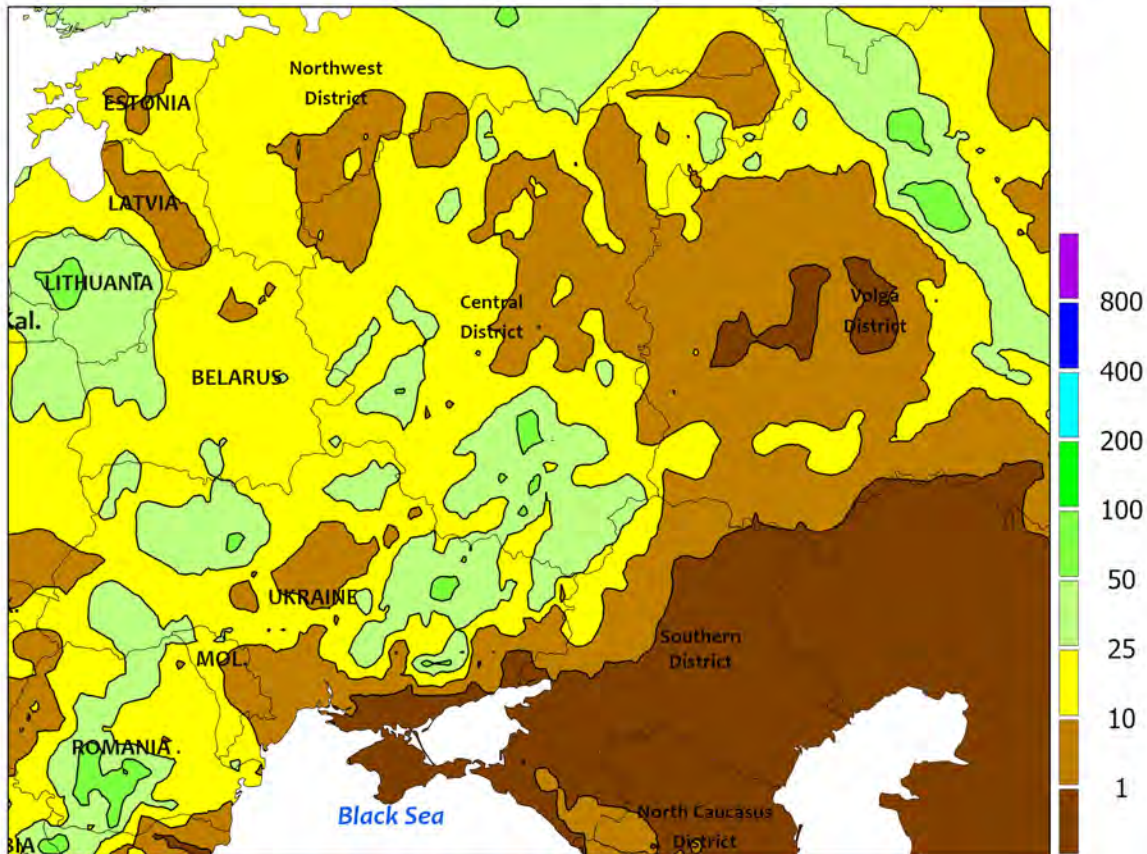


EUROPE

Additional showers across much of northern and eastern Europe contrasted with increasingly dry, warm conditions in southwestern growing areas. In France, another round of highly variable showers (1-25 mm, locally up to 50 mm) improved soil moisture for filling winter grains and oilseeds, although the rain was too late for mature crops in climatologically warmer western and southern France. Furthermore, some of the thunderstorms were severe, with numerous reports of hail, damaging winds, and localized flooding. Hit and miss showers (2-35 mm) continued from England into Germany and Poland, while moderate to heavy rain (10-70 mm) overspread the Baltic States. The overall wet weather pattern boosted soil moisture supplies for filling (west) to reproductive (northeast) winter crops, though some areas — particularly the Low Countries and

neighboring environs — largely missed out on the rain. A swath of moderate to very heavy rain (10-120 mm) also developed over southeastern Europe, while drier conditions (less than 10 mm) lingered over southeastern Hungary, northern Serbia, and western Romania. The recent wet weather stabilized Balkans' winter crop yield prospects following a dry spring. Conversely, increasingly dry and warm weather (2-6°C above normal) persisted from Portugal and Spain into Italy and Greece, accelerating winter grains toward maturity in the west while facilitating winter crop drydown and harvesting in the east. However, drought concerns in Spain have been amplified by a lack of appreciable rainfall since the beginning of May, which likely trimmed yield prospects for winter wheat and barley following a wet first two months of spring.

WESTERN FSU
Total Precipitation(mm)
May 29 - June 4, 2022



Data availability may be affected by the current geopolitical situation in Ukraine

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



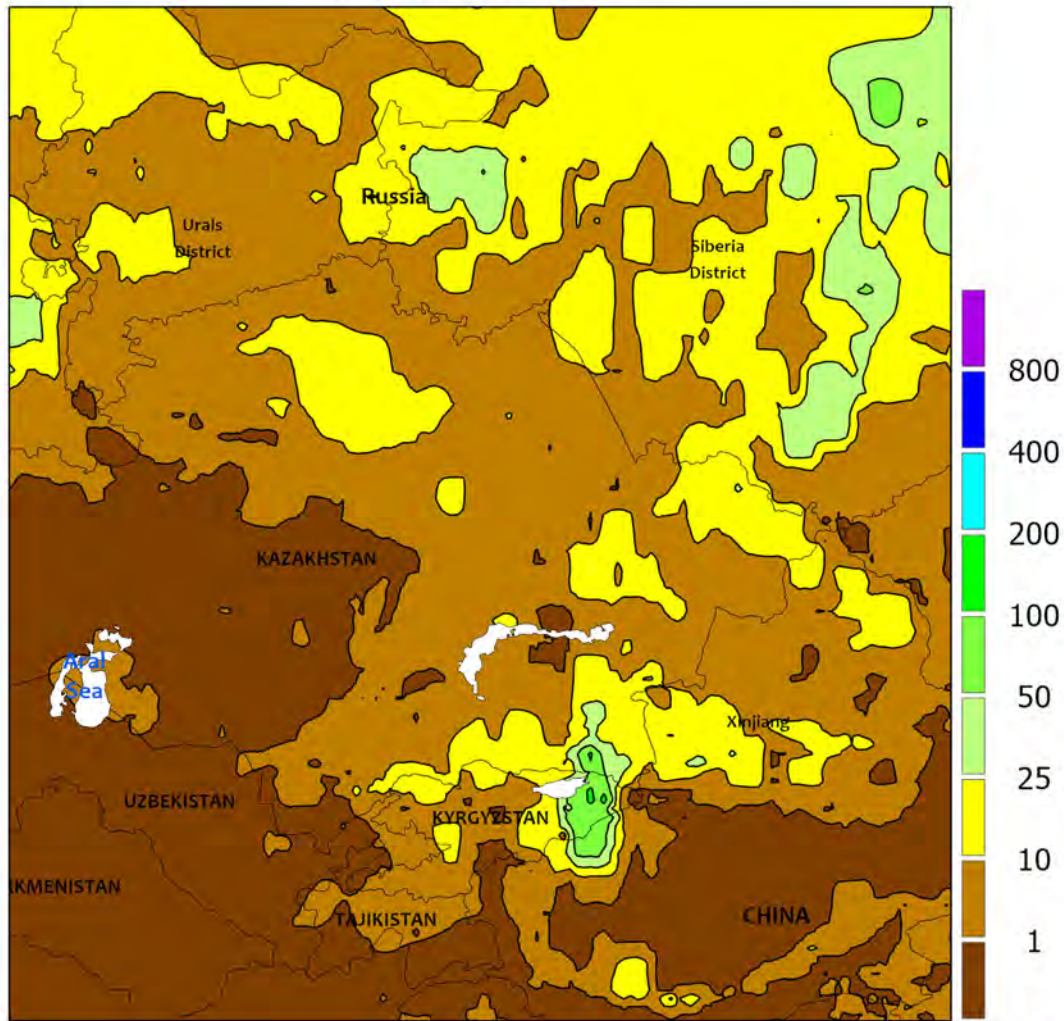
WESTERN FSU

Hot, dry weather in southwestern Russia contrasted with widespread rain elsewhere. Temperatures across Russia's Southwestern and North Caucasus Districts — key winter wheat areas — averaged up to 5°C above normal under mostly sunny skies. Daytime highs pushed well into the lower and middle 30s (degrees C) in these croplands, stressing vegetative (north) to reproductive (south) winter wheat. However, moderate to heavy rain in late April and early May enabled winter wheat to withstand the recent high temperatures; if hot, dry weather persists for several more weeks, then some loss of yield potential

will be likely. Conversely, moderate to heavy rain (10-70 mm) maintained or improved soil moisture for reproductive to filling winter grains and oilseeds in Moldova, Ukraine, Belarus, as well as western Russia. The rain was especially welcome in Moldova and western Ukraine, which have wrestled with bouts of acute dryness since the beginning of January.

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

EASTERN FSU
 Total Precipitation(mm)
 May 29 - June 4, 2022



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

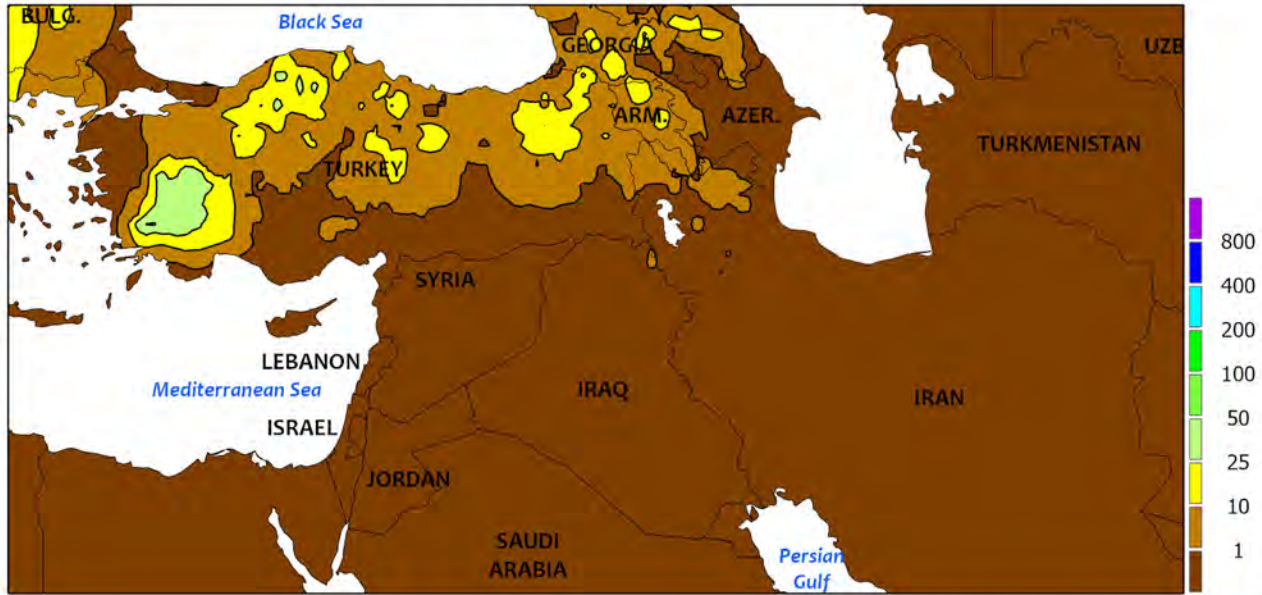


EASTERN FSU

Moderate to heavy rain eased drought in eastern spring grain areas and further boosted irrigation prospects in the cotton belt. From north-central Kazakhstan into Russia’s Siberia District, 10 to 70 mm of rainfall provided the first appreciable moisture since early April and greatly improved prospects for wheat and barley establishment. Light to moderate showers (2-20 mm) continued over the western third of the spring grain belt, maintaining favorable moisture supplies for emerging to vegetative spring grains. Farther

south, sunny skies over Uzbekistan and Turkmenistan facilitated cotton development. Farther east, moderate to heavy rain (10-105 mm) across Kyrgyzstan and immediate environs slowed seasonal fieldwork but maintained abundant irrigation supplies for summer crops. Rain was also noted in the watersheds of the Syr and Amu Darya Rivers, keeping Water Year 2021-22 totals near 125 and 130 percent of normal, respectively, as of June 5. Consequently, irrigation supplies for cotton remained good to excellent.

MIDDLE EAST
Total Precipitation(mm)
May 29 - June 4, 2022



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

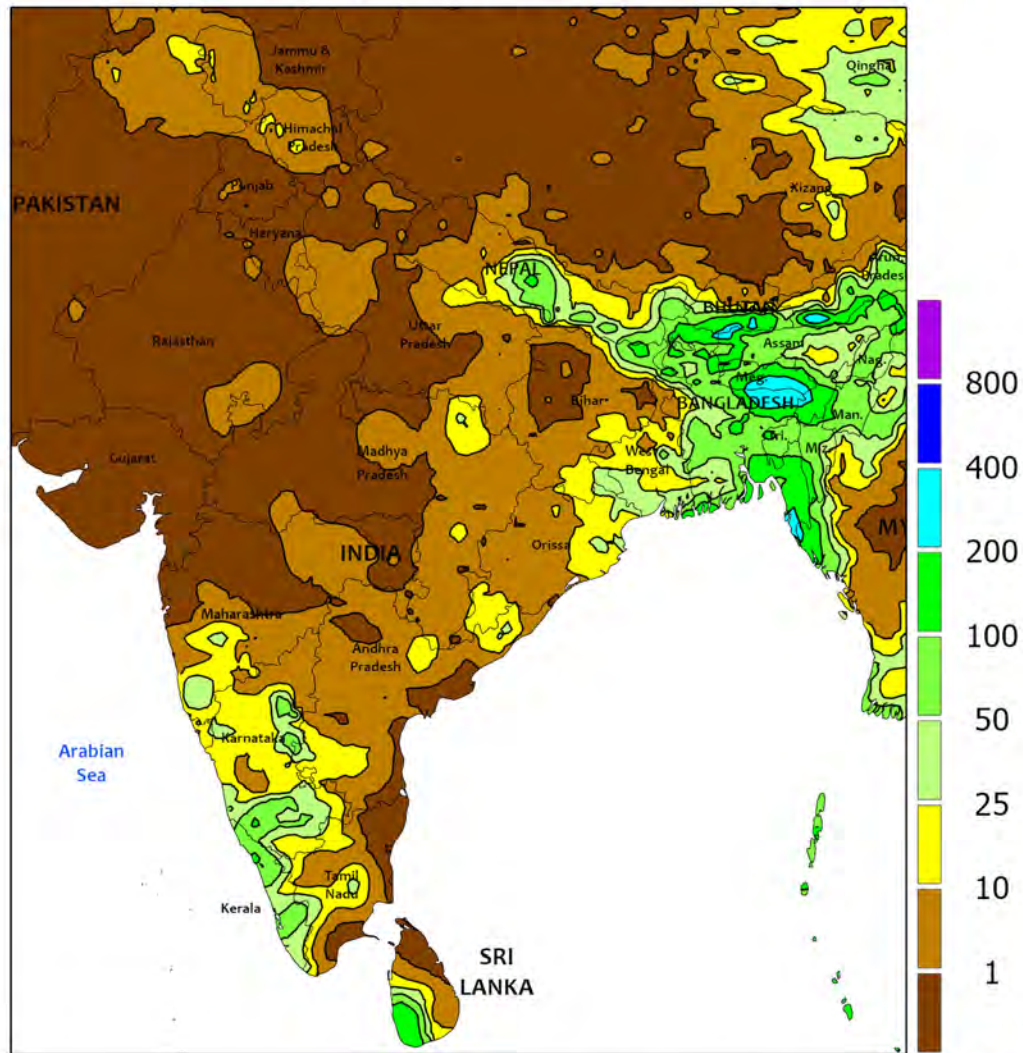


MIDDLE EAST

Seasonably dry weather continued across much of the region, though showers were noted in parts of Turkey. Mostly dry weather prevailed over the primary Turkish winter grain areas located near the Sea of Marmara (northwest), on the Anatolian Plateau (central), and in the GAP Region (southeast), promoting the development of late-reproductive (central) to maturing (southeast) wheat and barley. Nevertheless, locally

heavy showers (10-35 mm) in southwestern Turkey provided soil moisture improvements following an early end to the rainy season; the last appreciable rain in Turkey’s Aegean Region was in early March, while rainfall typically begins to diminish in June. Elsewhere, mostly sunny skies favored winter grain maturation and harvesting from the eastern Mediterranean Coast into Iran.

SOUTH ASIA
Total Precipitation(mm)
May 29 - June 4, 2022



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

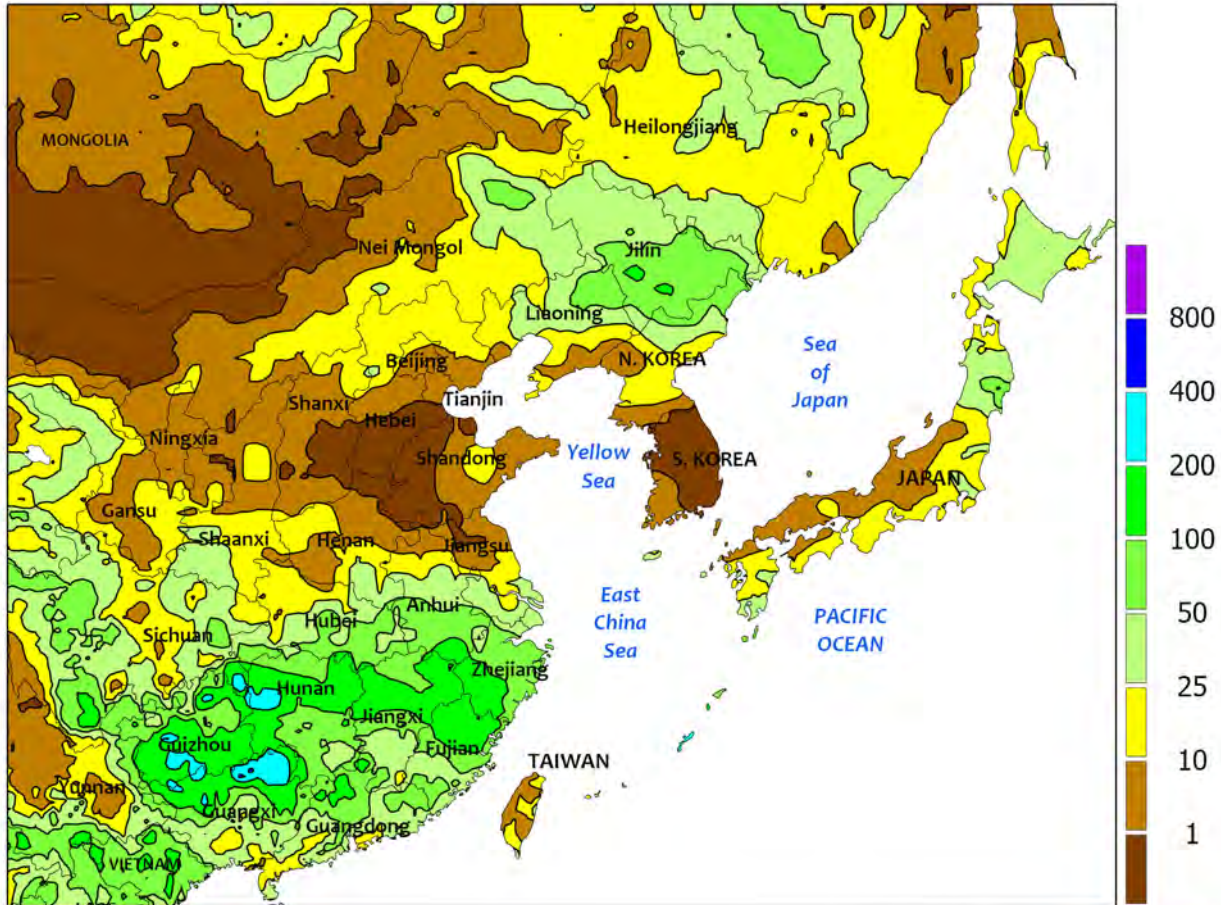


SOUTH ASIA

After an early start, the southwest monsoon made little northward progress in the region, stalling in southern India. In addition, rainfall has been lackluster with the onset. Rainfall totals in southern India ranged between 25 and 100 mm (locally more), short of the typical deluges. The conditions likely discouraged widespread kharif crop sowing until the

establishment of wetter weather. In contrast, seasonably wet weather (100-300 mm) was reported in the northeast (including Bangladesh), improving moisture supplies and promoting rice sowing. Meanwhile, heat continued across interior India and into Pakistan as temperatures remained in the middle 40s (degrees C).

EASTERN ASIA
Total Precipitation(mm)
May 29 - June 4, 2022



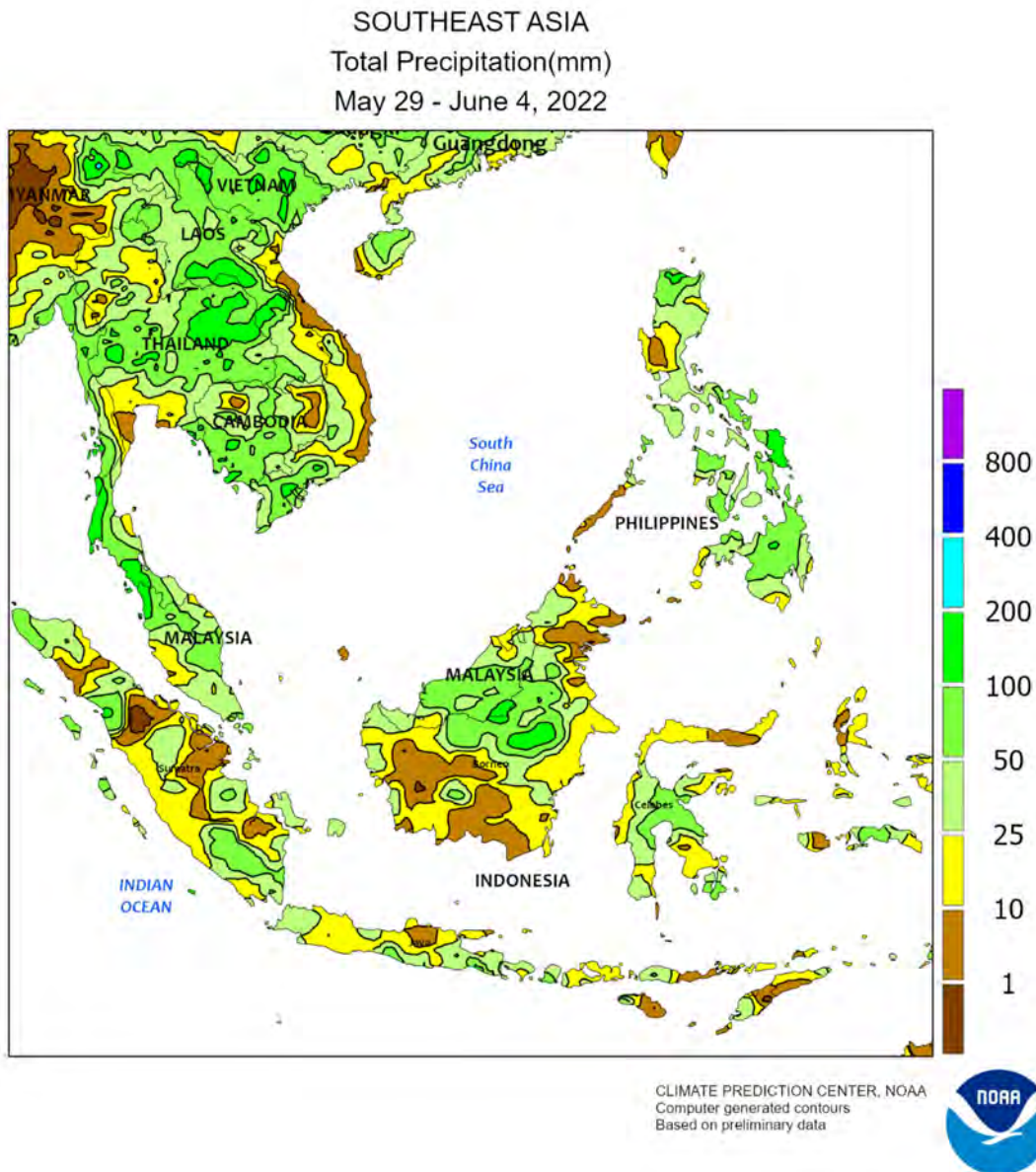
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



EASTERN ASIA

Monsoon showers continued to progress northward in China, bringing 25 to 100 mm to most areas south of the Yangtze River and locally topping 225 mm. The consistent rainfall has maintained favorable moisture supplies for rice (reproductive early-crop and vegetative single-crop) as well as aiding summer crop establishment. Lesser rainfall amounts (1-25 mm) were reported north of the Yangtze River, with little if any rain on the North China Plain and daytime temperatures approaching 40°C. The hot, dry weather in these areas

supported winter crop (wheat and rapeseed) maturation and harvesting. Meanwhile, showers ranging between 10 and 100 mm in the northeast maintained adequate to abundant soil moisture for corn and soybean establishment. Elsewhere, more dry weather on the Korean Peninsula and extending into Japan further limited moisture supplies for rice and other crops. Much of this section has experienced rainfall totals less than half of normal since May 1, with portions of South Korea recording a paltry 6 mm over the same period.

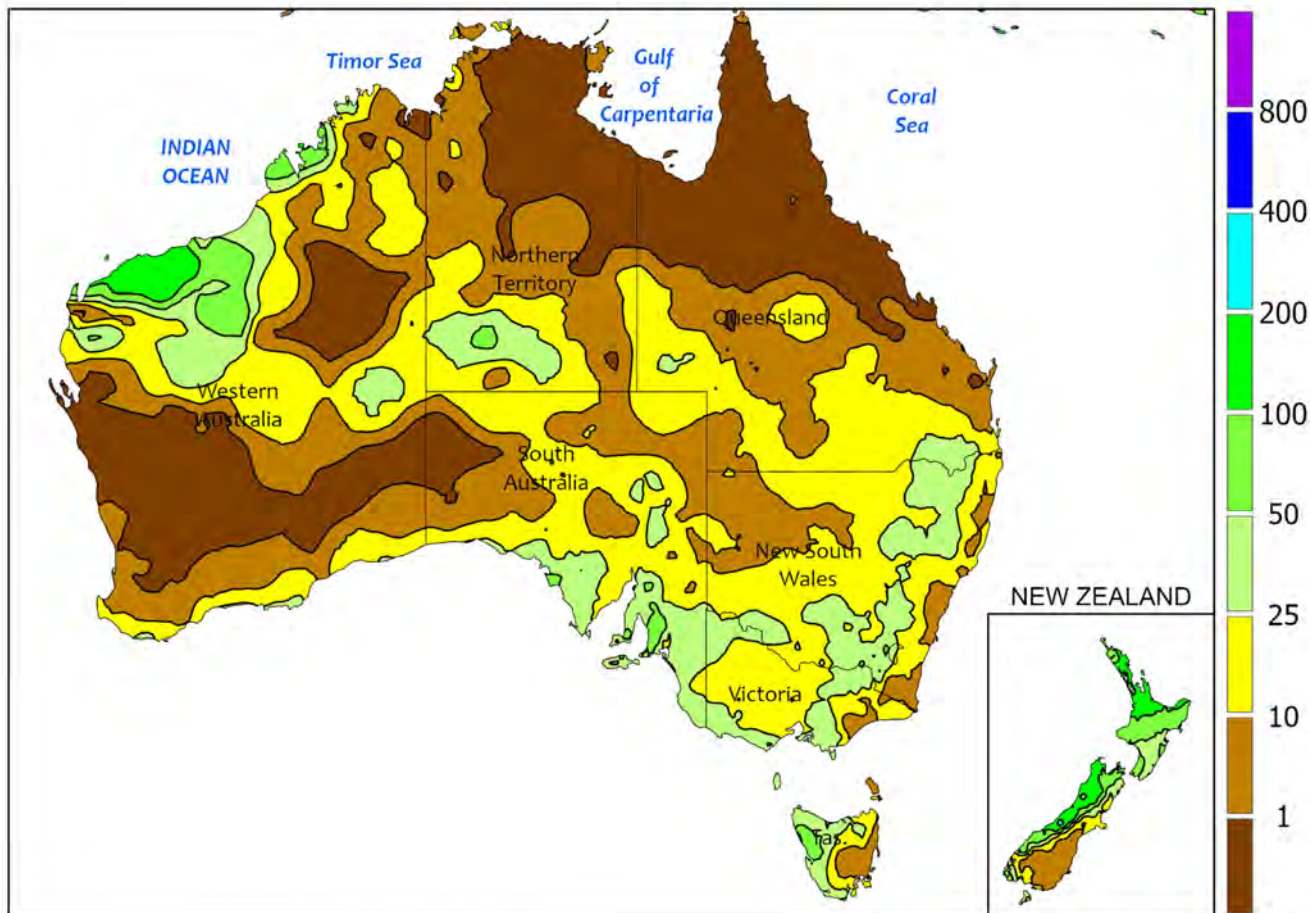


SOUTHEAST ASIA

Monsoon showers continued to be widespread in northern sections of the region, producing 25 to locally 200 mm in Thailand and the surrounding areas as well as the Philippines. In fact, the onset of seasonal rainfall in parts of Thailand has been at near-record levels (based on 30 years of data). The wet weather throughout the northern

sections supported extensive rice sowing in addition to other seasonal crops. Meanwhile in southern portions of the region (Malaysia and Indonesia), showers were seasonably lighter (10-50 mm, locally more) but still sustained favorable long-term soil moisture for off-season rice and oil palm.

AUSTRALIA
Total Precipitation(mm)
May 29 - June 4, 2022



Gridded data from the Australian Bureau of Meteorology: www.bom.gov.au/
Creative Commons License found at:
<https://creativecommons.org/licenses/by/3.0/au/legalcode>

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

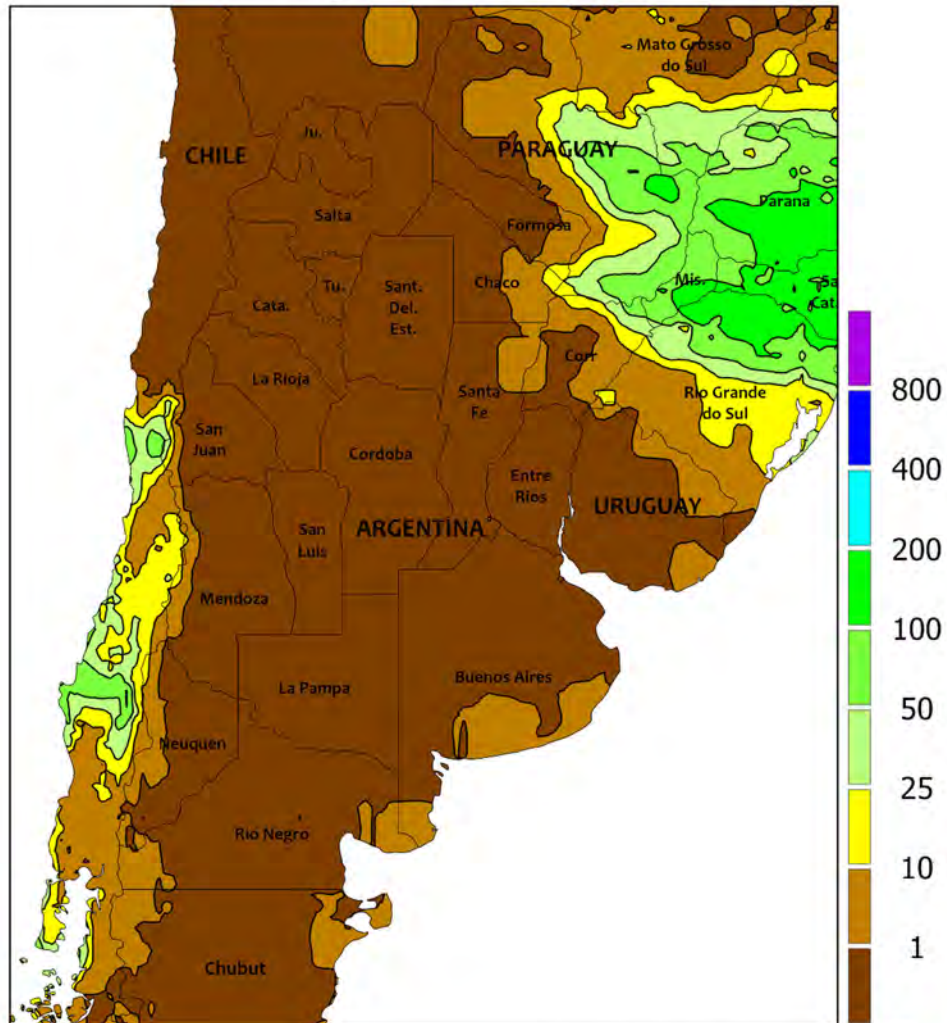


AUSTRALIA

Widespread showers in the south and east sustained good early-season crop prospects for wheat, barley, and canola. The rain slowed fieldwork, however, including late-season cotton and sorghum harvesting and additional winter crop sowing. Despite the rain, nearly 90 percent of the winter crops reportedly have been sown in the southeast. Rainfall amounts were generally between 15 and 50 mm in southern and eastern Australia, with locally heavier amounts in South

Australia. In Western Australia, showers (5-30 mm, locally more) fell across extreme southern portions of the wheat belt. Elsewhere in the state, sunny, albeit cooler-than-normal weather favored winter crop planting, germination, and establishment and facilitated additional sowing. Temperatures averaged 2 to 4°C below normal throughout most of the Australia wheat belt, with maximum temperatures generally in the 10s (degrees C).

ARGENTINA
 Total Precipitation(mm)
 May 29 - June 4, 2022



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

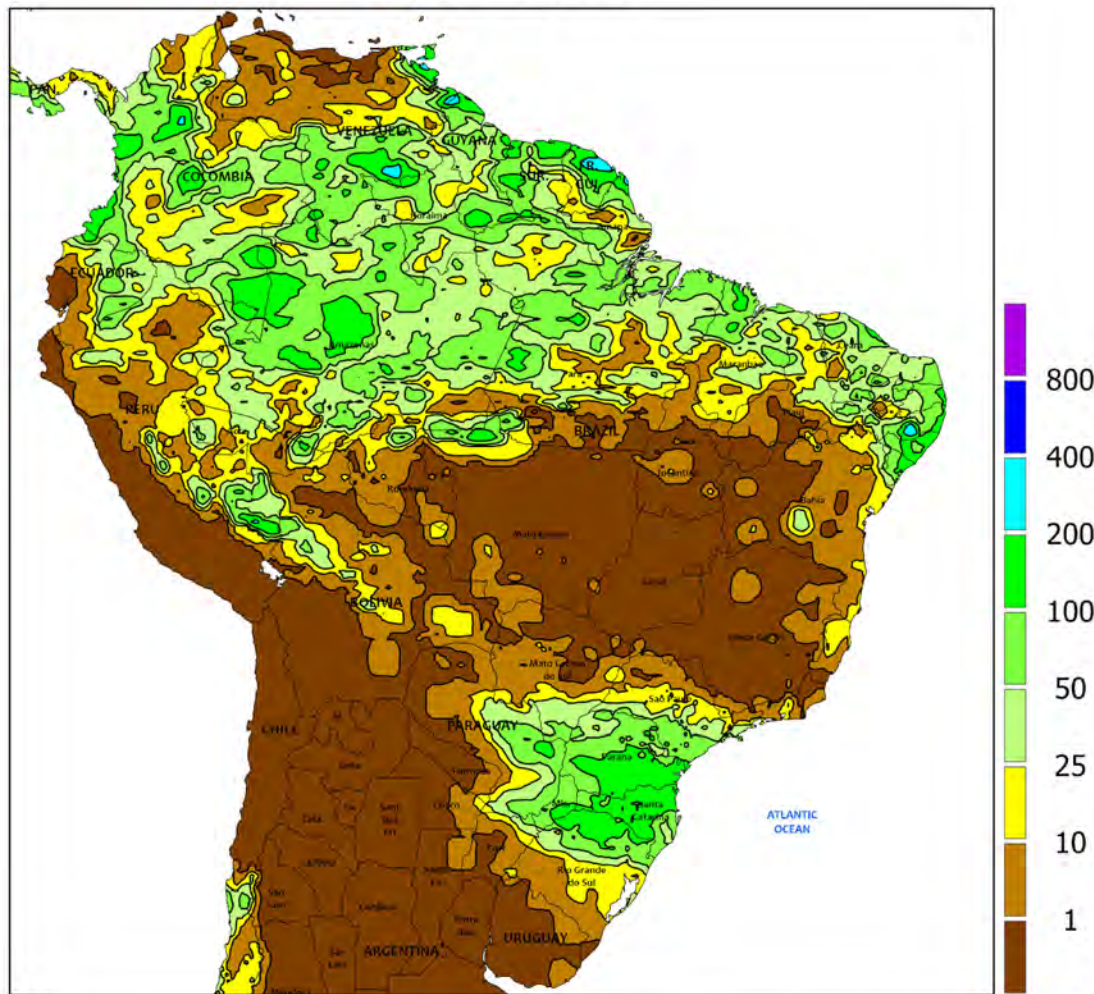


ARGENTINA

Conditions remained overall favorable for autumn fieldwork, although cooler-than-normal weather slowed growth of emerging winter grains. Little to no rain fell in the country’s main agricultural areas, with significant rainfall (10-50 mm or greater) confined to northeastern locations bordering Paraguay. Unseasonably cold weather accompanied the dryness; weekly average temperatures

ranged from 2 to 6°C below normal and nighttime lows dropped below -5°C in traditionally colder locations in and around Buenos Aires. According to the government of Argentina, corn and soybeans were 52 and 95 percent harvested, respectively, as of June 2, while cotton was 54 percent harvested. Additionally, wheat and barley were 14 and 11 percent planted, respectively.

BRAZIL
Total Precipitation(mm)
May 29 - June 4, 2022



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

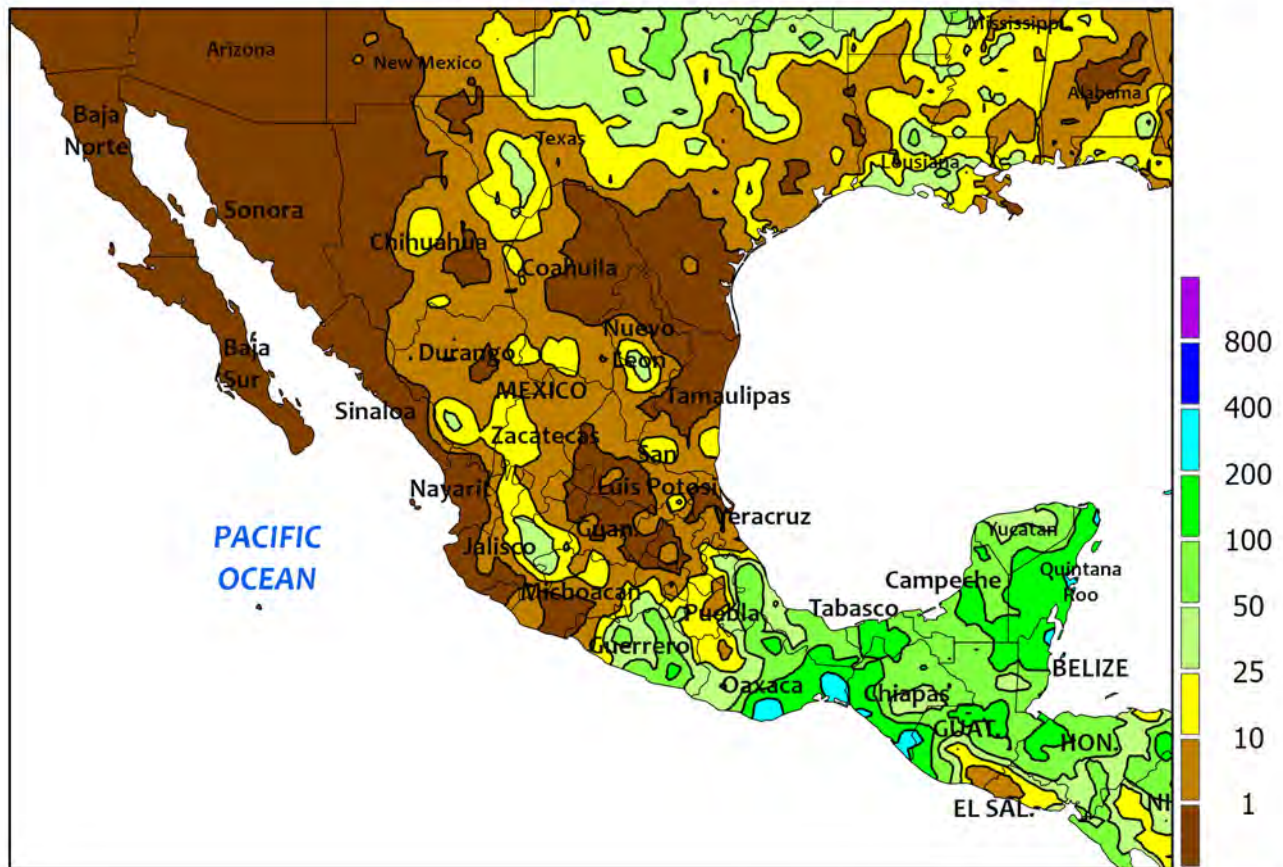


BRAZIL

Showers intensified over southern Brazil, benefiting immature corn as well as emerging wheat. Rainfall totaled 25 to 100 mm over a broad area centered over Paraná and extending into nearby farmlands in Rio Grande do Sul, Mato Grosso do Sul, and São Paulo. According to the government of Paraná, 98 percent of second-crop corn had reached reproduction as of May 30, with 21 percent mature; meanwhile, wheat was 61 percent planted. In Rio Grande do Sul, corn and soybeans were 92 and

97 percent harvested, respectively, as of June 2. Elsewhere, moderate to heavy rain also fell along the northeastern coast but seasonably dry weather prevailed over corn and cotton areas of central and northeastern Brazil. Warm weather (daytime highs reaching the middle to upper 30s (degrees C) sped development of immature crops. According to the government of Mato Grosso, corn was 6 percent harvested as of June 3, compared to less than 1 percent last year.

MEXICO
 Total Precipitation(mm)
 May 29 - June 4, 2022



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

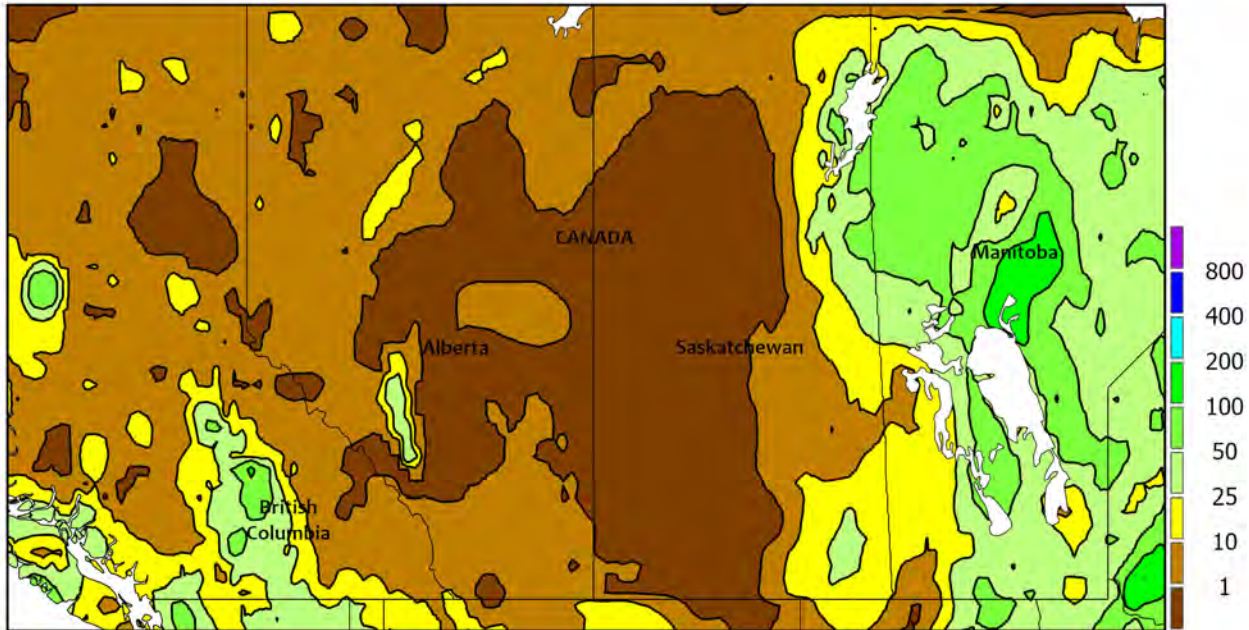


MEXICO

Hurricane Agatha made a rare May landfall along the southern coast, flooding local agricultural areas. Agatha made landfall in the vicinity of eastern Oaxaca with maximum sustained winds of 90 knots. According to the National Hurricane Center, the deadly storm was the strongest May land-falling storm in history and only the third since records began in 1949. Rainfall totaling more than 100 mm was recorded from Oaxaca and southernmost Veracruz northeastward through the Yucatán Peninsula, with amounts in coastal areas exceeding 200 mm. Elsewhere,

moderate to heavy rain (10-50 mm) from Guerrero eastward across Puebla increased topsoil moisture for corn and other rain-fed summer crops. However, showers were widely scattered and light over the remainder of Mexico, though a few locations recorded more than 25 mm. Warmer-than-normal weather (weekly temperatures averaging 2-4°C above normal) continued over much of Mexico, with daytime highs in the upper 30s and lower 40s (degrees C) hastening growth of winter grains and maintaining high water requirements for livestock.

CANADIAN PRAIRIES
Total Precipitation(mm)
May 29 - June 4, 2022



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

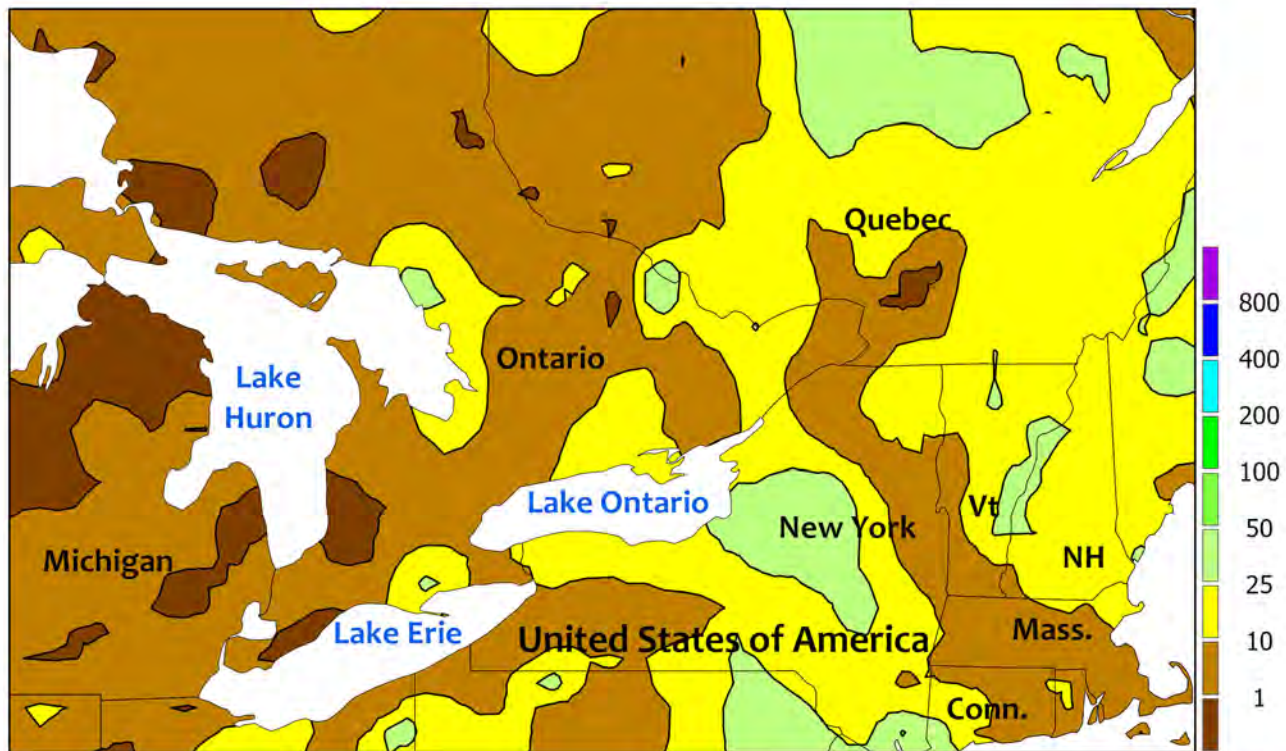


CANADIAN PRAIRIES

Persistent wetness in eastern farming areas contrasted with lingering drought in the west. Rainfall totaling 10 to 50 mm returned to a large area in Manitoba and eastern Saskatchewan, including the Red River Valley, which recorded some of the heaviest rainfall. The wet weather renewed flooding and kept many fields too wet to sustain heavy machinery. According to the government of Manitoba, planting was 40 percent complete as of May 31, up 30 points from the previous week but well

behind the 5-year average of 91 percent. In Saskatchewan, crops were 76 percent planted on May 30 (province wide) versus 93 percent on average. Elsewhere, little to no rain fell, including in previously wet northern farming areas of Alberta. Crops in Alberta were 95 percent planted as of May 31, on par with the 5-year average (94 percent). Near- to below-normal temperatures maintained slow rates of emergence across the Prairies, with lowest nighttime temperatures ranging from -2 to 4°C.

SOUTHEASTERN CANADA
Total Precipitation(mm)
May 29 - June 4, 2022



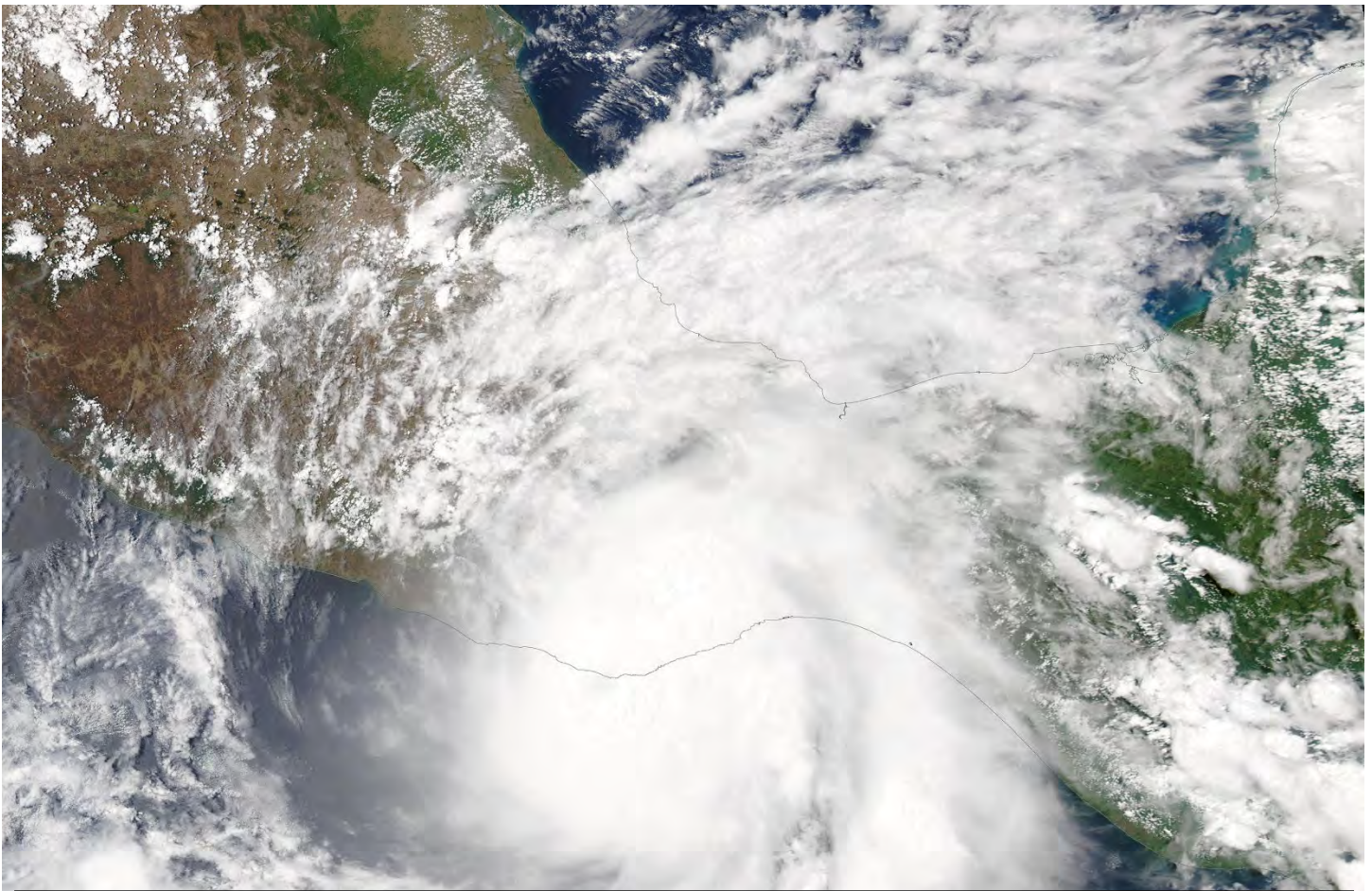
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



SOUTHEASTERN CANADA

Warm, mostly dry weather supported seasonal fieldwork. Weekly temperatures averaged 1 to 2°C above normal region-wide, with daytime highs in the upper 20s and lower 30s (degrees C) fostering rapid development of wheat, pastures, and emerging summer crops. Below-normal rainfall

accompanied the warmth, with most locations recording 1 to 15 mm. According to reports emanating from Ontario, corn planting was nearing completion during the period ending June 1, while soybean planting completion was estimated to be near 75 percent. Conditions also reportedly favored haying.



On May 30, the Moderate Resolution Imaging Spectroradiometer (MODIS) on board NASA's Aqua satellite acquired a true-color image of Hurricane Agatha as the storm was making landfall over southeastern Mexico. The Category 2 storm was the strongest May hurricane on record to make landfall along the Pacific coast of Mexico, according to the National Hurricane Center. In addition, Agatha was only the third hurricane to make landfall in Mexico in May. Meanwhile in the Atlantic Basin, for the first time since 2014 there were no named tropical cyclones prior to the official June 1 start of the hurricane season. However, the remnants of Agatha helped to spawn Tropical Storm Alex, which was officially named on June 5 after soaking southern Florida.

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

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

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

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

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

U.S. DEPARTMENT OF AGRICULTURE

World Agricultural Outlook Board

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

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

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

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

National Agricultural Statistics Service

Agricultural Statistician and State Summaries Editor.....

Irwin Anolik (202) 720-7621

U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

National Weather Service/Climate Prediction Center

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

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