

much as 10 to 15°F above normal, primarily from the Great Basin and Desert Southwest to portions of the northern and central High Plains. Above-normal temperatures extended into the western Corn Belt, reaching as far east as the middle and upper Mississippi Valley. In contrast, cloudiness and showers suppressed temperatures (to near-normal levels) in the Southeast. Below-normal weekly temperatures were limited to the middle Atlantic States, where a spell of cool, dry weather

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peaked around mid-week. In many of the Western drought areas, extreme, early-season heat boosted irrigation demands and further reduced soil moisture availability for rangeland, pastures, winter wheat, and springsown crops. Farther east, showers and thunderstorms delivered beneficial moisture in portions of the southern and eastern Corn Belt, while unfavorably dry conditions persisted across the northern Plains and upper Midwest. From the upper Mississippi Vallev westward, high temperatures accompanied the mostly dry weather, further limiting soil moisture availability for crops approaching rapidly (or entering) reproduction. Meanwhile, mostly dry weather across the southern half of the Plains promoted fieldwork, including final planting efforts and previously delayed winter wheat harvesting. Late in the week, a disturbance crossing the Gulf of Mexico became Tropical Claudette while arriving Storm in southeastern Louisiana. Claudette delivered gusty winds and pockets of heavy rain, halting fieldwork but resulting in only minor impacts on summer crops such as cotton and peanuts. In fact, rainfall associated with Claudette



improved soil moisture in some formerly dry Southeastern locations.

Scorching heat developed across California, the Great Basin, and the Southwest, breaking numerous June temperature records and setting or tying several all-time records. Among the communities experiencing their hottest weather on record were Palm Springs, CA (123°F on June 17), and Salt Lake City, UT (107°F on June 15). Palm Springs had previously attained 123°F on August 1, 1993, and June 28 and 29, 1995; Salt Lake City had reached 107°F on July 26, 1960, and July 13, 2002. In Wyoming, all-time-record highs were tied on June 15 in Sheridan (107°F) and Laramie (94°F). Sheridan's previous occurrences of 107°F had been July 14, 2002, and July 13, 2005. Laramie had reached 94°F on several occasions, most recently on July 22, 1982. On June 16, cities such as Las Vegas, NV (116°F), and Grand Junction, CO (105°F), were just 1°F of all-time high temperature records. In Utah, monthly records were tied or broken in Provo (105°F on June 15), Tooele (104°F on June 15), and Cedar City (102°F on June 16). With a high of 128°F on June 17, Death Valley, tied a monthly record previously set on June 30, 1994, and June 30, 2013. With a high of 100°F on June 16. Colorado Springs, CO. experienced its earliest triple-digit heat (previously, 101°F on June 21, 2016). Similarly, Tucson, AZ, noted its earliest 115-degree reading on record, with a high of 115°F on June 15 (previously, 115°F on June 19, 2016 and 2017). Tucson also registered daily-record highs each day from June 12-17, with readings of 110, 112, 112, 115, 114, and 112°F. Extreme heat extended into California's Central Valley, where Redding tallied a trio of highs of 110°F (from June 17-19). Fresno, CA, collected consecutive readings of 111°F-both records for the date-on June 18-19. Farther east, heat inching into the Midwest resulted in a handful of dailyrecord highs, including 106°F in Mitchell, SD (on June 16); 105°F (on June 17) in Omaha, NE; 102°F (on June 17) in Mason City, IA; and 99°F (on June 18) in Springfield, IL. The central Plains endured a brief period of extreme heat: on June 17, daily-record highs soared to 108°F in Hill City, KS, and McCook, NE. In contrast, Parkersburg, WV, tied a daily record on June 17 with a low of 47°F.

As the week began, rain fell in the **Pacific Northwest**. Daily-record totals for June 13 reached 1.94 inches in **Crescent City**, **CA**; 0.95 inch in **Olympia**, **WA**; and 0.78 inch in **Hillsboro**, **OR**. Elsewhere in **Oregon**, **North Bend** received a daily-record sum (1.29 inches) for June 14. Meanwhile, heavy showers dotted the **East** in advance of a surge of cool

air. Daily-record totals reached 2.73 inches (on June 14) in Melbourne, FL, and 1.92 inches (on June 13) in Morgantown, WV. Meanwhile, a few showers and thunderstorms developed over the Southwest. In California, downtown Los Angeles received rainfall totaling 0.02 inch on June 17tying a record for the date. In Arizona, however, the Telegraph Fire grew to more than 180,000 acres after jumping a containment line, becoming the sixth-large wildfire in modern state history. Farther east, humid, showery weather lingered across Florida, while a low-pressure system developed over the Gulf of Mexico. Daily-record rainfall totals in Florida included 2.82 inches (on June 18) in Jacksonville and 1.68 inches (on June 16) in Vero Beach. On June 19, while situated southwest of New Orleans, LA, the low-pressure system became Tropical Storm Claudette. Heavy showers (locally 4 to 12 inches) and a few severe thunderstorms occurred along and south of Claudette's track across the Southeast. On June 19, daily-record totals topped 4 inches in Birmingham, AL (4.36 inches); Mobile, AL (4.22 inches); and Hattiesburg, MS (4.17 inches). The most significant tornado associated with Claudette-an EF2 with estimated winds approaching 130 mph-cut a 22-mile path across Escambia and Conecuh Counties, AL, on the morning of June 19, injuring at least 20 people. On the same date, a thunderstorm wind gust to 81 mph was clocked in Pensacola, FL, accompanied by 3.99 inches of rain. Separately, a cold front crossing the Ohio Valley produced a June 18-19 rainfall total of 3.72 inches in Cincinnati, OH-the third-highest, 2-day total on record during June in that location.

Warmth developed over much of Alaska, with weekly temperatures averaging at least 5°F above normal in many locations across the northern half of the state. However, lingering cool, dry air across southwestern Alaska contributed to a daily-record low (31°F on June 16) in King Salmon. Although precipitation fell in several parts of Alaska, higher totals were mostly confined to the southeastern part of the state. Juneau received 2.18 inches of rain on June 15-16, aided by a daily-record sum (1.46 inches) on the first day of the event. Farther south, Hawaii remained locked into a mostly dry weather pattern. At the state's major airport observation sites, June 1-19 rainfall ranged from a trace in Kahului, Maui, to 1.63 inches (35 percent of normal) in Hilo, on the Big Island. On June 15, Hilo posted a daily-record low of 63°F—the lowest June temperature in that location since June 24, 2014. In contrast, Kahului, Maui, tied a daily record with a high of 91°F on June 16. Measurable rain last fell in Kahului on May 20.









Weekly Weather and Crop Bulletin

National Weather Data for Selected Cities

Weather Data for the Week Ending June 19, 2021

Data Provided by Climate Prediction Center

	TEMPERATURE °F					F	PRECIPITATION					RELATIVE HUMIDITY PERCENT		TEM	TEMP. °F		DF DAYS			
S	AND TATIONS	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKL Y 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	.01 INCH OR MORE	.50 INCH OR MORE
AK	ANCHORAGE	65 40	51	69	45	58	3	0.08	-0.15	0.05	0.10	17	3.94	101	82	46	0	0	2	0
	BARROW	49 78	37 54	58 84	33	43 66	7	0.06	-0.02	0.03	0.13	66 135	1.06	103 164	87 85	67 36	0	0	2	0
	JUNEAU	67	48	73	43	57	3	2.22	1.49	1.44	4.66	231	32.85	152	89	50	0	0	3	2
	KODIAK	54	45	64	39	49	-1	1.54	0.13	0.54	3.23	82	36.28	102	93	75	0	0	4	2
		58	44	71	37	51 77	3	0.58	0.35	0.33	1.11	188	5.51	113	89	62 46	0	0	2	0
AL	HUNTSVILLE	89	66	94 93	60	77	-1	0.45	-0.54	4.35 0.42	4.63	171	30.79	113	99	40	3	0	2	0
	MOBILE	89	69	94	65	79	-1	4.81	3.40	3.50	7.58	207	36.40	119	97	55	5	0	4	2
	MONTGOMERY	91	68	96	62	80	0	1.50	0.59	0.80	5.90	256	25.43	99	90	46	5	0	3	2
AR		95	72	98 94	69 68	84 82	6	0.00	-1.00	0.00	1.86	65 200	21.94	99 106	90 87	40	7	0	0	0
AZ	FLAGSTAFF	91	51	94	37	71	11	0.00	-0.02	0.00	0.01	5	7.87	94	37	10	5	0	1	0
	PHOENIX	115	87	118	79	101	10	0.00	-0.01	0.00	0.00	0	0.82	24	19	7	7	0	0	0
	PRESCOTT	100	65	103	54	83	12	0.00	-0.10	0.00	0.00	0	2.66	55	29	8	7	0	0	0
CA	BAKERSEIELD	98	79 74	115	74 66	96 86	11 8	0.00	-0.04	0.00	0.00	0	1.02	30 44	20 46	5 20	7 6	0	0	0
0,1	EUREKA	63	52	67	48	58	1	1.28	1.12	0.98	1.53	248	13.69	59	95	85	0	0	2	1
	FRESNO	100	71	110	65	85	8	0.00	-0.07	0.00	0.00	0	5.11	64	53	19	7	0	0	0
	LOS ANGELES	73	62	78	59	67	2	0.00	-0.02	0.00	0.00	0	3.20	36	91 50	62	0	0	0	0
	SACRAMENTO	96	61	107	54	79	7	0.00	-0.05	0.00	0.00	0	4.49	43 37	77	13	5	0	0	0
	SAN DIEGO	75	65	87	63	70	3	0.00	-0.02	0.00	0.00	0	3.50	49	84	60	0	0	0	0
	SAN FRANCISCO	79	60	88	57	69 70	7	0.00	-0.02	0.00	0.00	0	5.43	41	76	40	0	0	0	0
00	ALAMOSA	95 89	60 46	107 94	56 42	78 67	5	0.00	-0.01	0.00	0.00	0 241	5.91 3.46	65 131	78 82	18 14	4	0	0	0
00	CO SPRINGS	93	61	100	57	77	11	0.01	-0.57	0.01	0.12	7	7.69	111	67	21	5	0	1	0
	DENVER INTL	96	63	101	58	80	12	0.00	-0.44	0.00	0.00	0	9.36	135	63	18	5	0	0	0
	GRAND JUNCTION	101	65	105	58	83	11	0.00	-0.11	0.00	0.00	0	2.03	47	22	6	7	0	0	0
СТ	BRIDGEPORT	98 79	59	103 85	53	81 69	10	0.00	-0.30	0.00	0.00	0 46	7.17 17 17	130 84	70 84	18	0	0	2	1
0.	HARTFORD	80	56	88	47	68	-1	1.06	0.04	1.06	1.69	55	18.26	88	87	39	0	0	1	1
DC	WASHINGTON	84	65	89	59	75	-1	1.97	1.08	1.81	4.90	205	20.79	113	77	40	0	0	2	1
DE	WILMINGTON	82	61 72	89	52	72	-1	0.15	-0.73	0.15	1.15	47	17.67	90 64	87	44	0	0	1	0
FL	JACKSONVILLE	89 90	72	91	70	80 80	0	0.83 4.18	-0.57	2.82	4.77	49 123	20.31	04 104	92 98	55	2	0	3	2
	KEY WEST	87	79	88	74	83	0	0.64	-0.30	0.61	1.40	53	7.03	52	89	70	0	0	2	1
	MIAMI	89	76	94	73	83	0	1.76	-0.64	0.79	3.28	54	13.89	65	93	62	3	0	4	2
		90 01	73	93 05	71	81 93	0	1.33	-0.55	0.93	1.72	35 173	13.05	67 127	95 01	54 55	4	0	4	1
	TALLAHASSEE	92	72	96	69	82	1	1.42	-0.51	1.26	2.17	46	19.16	72	94	49	4	0	3	1
	TAMPA	89	77	92	73	83	1	3.96	2.28	1.90	6.11	165	15.11	95	85	59	3	0	4	3
~ .	WEST PALM BEACH	89	75	91	73	82	1	2.61	0.57	1.46	4.94	93	11.60	48	92	61	3	0	5	2
GA	ATHENS ATLANTA	91 88	67 68	96 92	63 64	79 78	1	1.14 2.40	0.12	1.14 2.39	2.72	107 197	21.23	98 105	85 84	38	63	0	1	1
	AUGUSTA	91	66	97	63	79	0	0.64	-0.54	0.64	6.98	229	26.94	131	94	42	5	0	1	1
	COLUMBUS	90	69	96	65	80	0	1.17	0.33	1.15	2.85	128	23.32	102	84	44	5	0	2	1
	MACON	91	65 71	97	62 67	78	-1	1.69	0.75	1.69	3.31	135	20.15	94 102	96	45	6	0	1	1
н	HILO	90 82	67	90 84	63	80 75	-1	0.44	-1.28	0.35	1.54	35	20.39 70.56	102	90 86	40 56	4	0	4	0
	HONOLULU	87	74	88	73	81	1	0.04	-0.02	0.04	0.05	25	9.22	118	73	41	0	0	1	0
	KAHULUI	87	71	91	67	78	0	0.00	-0.05	0.00	0.00	0	13.17	136	79	49	1	0	0	0
IA		83 88	74 64	84 93	72 60	79 76	0	0.06	-0.33	0.05	0.66	65 52	19.63 16.52	116 96	82 84	62 42	0	0	2	0 1
	CEDAR RAPIDS	89	61	93	55	75	5	0.05	-1.09	0.05	0.35	11	7.16	49	81	29	4	0	1	0
	DES MOINES	93	66	101	60	79	7	0.02	-1.14	0.02	0.03	1	8.04	49	76	27	7	0	1	0
		87	61	92	55	74	5	0.11	-0.92	0.11	0.11	3	8.34	53	77	32	3	0	1	0
	WATERLOO	91	62 60	97 100	54 54	76	6	0.00	-0.87	0.00	0.01	20	7.94	60 51	79	32 24	о 4	0	0	0
ID	BOISE	92	62	97	55	77	9	0.00	-0.14	0.00	0.75	143	6.39	94	50	14	5	0	0	0
	LEWISTON	87	57	98	49	72	6	0.24	-0.04	0.24	0.41	46	3.20	46	66	23	3	0	1	0
U		93 85	55 62	100 00	43 56	74 72	12 1	0.00	-0.24	0.00	0.00	0 70	4.91 7 70	73 51	53 77	9 32	6 2	0	0	0
12	MOLINE	91	63	94	56	77	+ 5	0.23	-0.74	0.21	0.44	15	16.41	98	81	31	5	0	2	0
	PEORIA	88	64	91	59	76	4	0.90	0.09	0.69	1.17	53	19.40	117	78	39	1	0	2	1
	ROCKFORD	90	61	94	56	76	6	0.20	-0.91	0.20	0.20	6	8.31	53	70	23	4	0	1	0
IN	SPRINGFIELD EVANSVILLE	91 89	64 66	99	59 60	77 77	4	1.14	0.07	1.11	1.20	41 85	19.27 20.10	113 88	84 88	37 42	4	0	2	1
	FORT WAYNE	83	60	87	54	71	1	1.27	0.32	1.26	3.32	119	16.64	94	87	39	0	0	2	1
	INDIANAPOLIS	86	61	93	57	74	1	2.81	1.84	1.83	4.73	176	19.70	98	83	38	1	0	2	2
KC	SOUTH BEND	83	58 67	87	47	70	1	0.16	-0.73	0.12	1.28	51	12.05	74	84	37	0	0	2	0
NO	DODGE CITY	99 100	68	105	50 65	84 84	9 10	0.02	-0.90	0.02	0.02	2	9.19	81 95	73 80	∠/ 26	7	0	1	0
	GOODLAND	96	64	104	57	80	10	0.35	-0.38	0.35	0.37	17	9.18	112	78	26	7	õ	1	õ
	TOPEKA	96	70	101	60	83	9	0.00	-1.31	0.00	0.77	22	16.26	97	81	35	7	0	0	0

Based on 1981-2010 normals

*** Not Available

Weekly Weather and Crop Bulletin Weather Data for the Week Ending June 19, 2021

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June 22, 2021

RELATIVE NUMBER OF DAYS

		Г	ЕМС		THR	F °	F										NUN	IDER		AIS
	STATES	•					•								PER	CENT	TEM	IP. °F	PRE	CIP
S	AND	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	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	96 84	67 61	100	60	82 72	5	0.00	-1.24	0.00	0.91	26	13.40	87	83	32	6	0	0	0
KY	LOUISVILLE	89	68	00 94	55 63	72	-1	0.44	-0.59	0.34	4.17	168	25.59	115	69 72	40 38	3	0	2	0
	PADUCAH	91	68	93	64	80	4	0.00	-0.92	0.00	3.30	129	26.24	110	86	39	5	0	0	0
LA	BATON ROUGE	92	71	95	67	81	0	2.68	1.27	1.51	7.35	224	43.11	172	94	52	6	0	4	2
	NEW ORI FANS	95 92	73 76	97 97	73	84 84	3	2.03	-0.85	0.89	4.38 2.98	58	39.21 44 24	150	93 86	44 50	7 6	0	1	1
	SHREVEPORT	96	73	98	68	84	4	0.01	-1.39	0.01	2.64	75	28.16	109	83	39	7	0	1	0
MA	BOSTON	80	62	91	60	71	3	0.53	-0.37	0.52	1.39	53	17.46	84	77	40	1	0	2	1
мр	BALTIMORE	75 84	56 63	83 89	52 54	73	1	0.69	-0.28	0.62	1.02	36 83	17.59	80 94	83 81	44 40	0	0	3 2	1
ME	CARIBOU	73	49	82	44	61	0	1.27	0.48	0.69	1.41	67	14.09	91	85	46	0	0	5	2
	PORTLAND	76	54	87	48	65	1	0.49	-0.39	0.32	0.60	23	13.67	62	91	42	0	0	3	0
MI	ALPENA GRAND RAPIDS	80 81	50 58	89 86	41 50	65 69	3 1	1.06	-0.49 0.17	0.10	0.57	35 63	9.30	72 58	92 87	30 38	0	0	1	1
	HOUGHTON LAKE	79	50	85	41	64	1	0.22	-0.54	0.22	2.91	144	9.77	83	91	32	0	0	1	0
	LANSING	81	56	86	47	69	1	0.42	-0.42	0.31	0.70	31	8.08	58	89	38	0	0	3	0
	TRAVERSE CITY	80 80	57 52	84 91	45 45	69 66	2	0.31	-0.42	0.21	0.35	105	9.07 6.15	65 46	80 87	34 30	1	0	2	0
MN	DULUTH	78	52	83	47	65	5	0.12	-0.90	0.08	0.43	16	8.76	76	85	37	0	0	2	0
	INT_L FALLS	77	50	83	43	63	2	0.20	-0.75	0.12	1.21	51	6.17	69 82	89	38	0	0	2	0
	ROCHESTER	85	63 59	97 91	56	76	0	0.00	-1.05	0.00	0.40	15	8.52	63	81	36	2	0	1	0
	ST. CLOUD	86	55	95	50	71	5	0.00	-1.06	0.00	0.27	10	9.31	85	85	27	1	0	0	0
MO	COLUMBIA	94	68	97 00	64	81	8	0.10	-0.95	0.10	0.22	7	20.19	104	78	34	7	0	1	0
	SAINT LOUIS	94 94	69 70	98 101	48 66	82 82	8 6	0.06	-1.17	0.04	0.49	29 17	17.50	101 91	76	38 33	7	0	2	0
	SPRINGFIELD	91	68	94	59	80	6	0.00	-1.16	0.00	1.23	39	28.18	133	91	42	5	0	0	0
MS	JACKSON	92	68	97	63	80	1	0.24	-0.70	0.17	3.64	144	28.11	105	84	42	6	0	2	0
	TUPELO	90 90	67 70	96 96	62 64	80	1	3.47 0.52	-0.52	2.35	11.39	396	40.29	136	91 89	49 44	4 5	0	3 1	2
МТ	BILLINGS	93	59	104	56	76	12	0.00	-0.50	0.00	0.15	10	4.56	62	45	11	4	0	0	0
	BUTTE	84	43	93	37	63	8	0.00	-0.53	0.00	0.27	17	3.19	48	70	13	2	0	0	0
	CUT BANK GLASGOW	81 89	47 58	96 102	39 50	64 74	6 9	0.18	-0.44 -0.53	0.18	0.28	15 17	2.53	45 40	72 55	23 18	1	0	1 0	0
	GREAT FALLS	85	48	99	39	67	7	0.03	-0.52	0.03	0.19	10	6.91	91	70	19	2	0	1	Ő
	HAVRE	89	50	102	40	70	7	0.00	-0.51	0.00	0.11	7	4.17	79	74	17	3	0	0	0
NC	MISSOULA ASHEVILLE	84 83	49 59	93 88	44 54	67 71	6 1	0.00	-0.48 -1 12	0.00	0.60	41 155	5.54 26.39	75 125	78 93	25 41	2	0	0	0
NO	CHARLOTTE	88	65	93	57	76	1	0.00	-0.91	0.00	3.03	122	19.70	101	88	41	3	0	0	Ō
	GREENSBORO	85	63	89	58	74	-1	0.02	-0.84	0.02	3.17	133	21.52	113	83	39	0	0	1	0
	RALEIGH	84 86	70 63	86 92	56	75	-2	0.00	-0.80	0.00	4.31	227	26.30	111 104	90 91	59 42	2	0	3	0
	WILMINGTON	89	69	93	66	79	1	1.67	0.51	1.64	8.78	275	23.29	105	93	49	4	0	2	1
ND	BISMARCK	91	56	95	50	73	8	0.07	-0.69	0.07	0.80	39 52	3.22	42	79 70	21	4	0	1	0
	FARGO	85	56	89	45 49	07 71	э 4	0.04	-0.73	0.04	2.17	52 88	5.41 4.87	74 52	79 74	25 28	0	0	0	0
	GRAND FORKS	85	52	92	45	69	4	0.02	-0.80	0.02	1.62	77	5.49	69	80	25	1	0	1	0
	JAMESTOWN	87 07	55 67	94 106	48	71	6	0.04	-0.67	0.04	1.44	73	3.99	52	72	24	1	0	1	0
INE	LINCOLN	95	67	103	56	81	8	0.00	-1.00	0.00	2.03	72	13.08	99	79	34	7	0	1	0
	NORFOLK	94	64	100	54	79	8	0.01	-0.97	0.01	1.07	38	11.42	91	73	29	6	0	1	0
	NORTH PLATTE	95 96	62 68	103 105	54 58	78 82	10 10	0.39	-0.39	0.27	0.39	17 27	11.87	121 85	82 80	34 30	6 7	0	2	0
	SCOTTSBLUFF	100	64	105	61	82	14	0.02	-0.59	0.02	0.10	5	5.09	60	75	17	7	0	1	0
	VALENTINE	95	64	102	56	79	12	0.00	-0.83	0.00	1.18	51	10.36	109	69	29	6	0	0	0
NH		78 81	51 59	87 88	42 52	65 70	-1 -2	0.69	-0.17	0.46	1.05	42	12.45	69 113	92 94	38 45	0	0	2	0
INJ	NEWARK	83	62	93	57	73	0	0.21	-0.72	0.15	3.38	126	20.34	94	79	37	1	0	3	0
NM	ALBUQUERQUE	99	73	103	71	86	10	0.00	-0.15	0.00	0.13	39	1.68	57	32	9	7	0	0	0
NV	ELY LAS VEGAS	92 111	51 86	95 115	41 76	72 99	12 12	0.00	-0.14 -0.01	0.00	0.02	3	3.15	62 32	32 14	8	6 7	0	0	0
	RENO	94	59	101	54	77	9	0.00	-0.13	0.00	0.09	24	1.68	40	46	10	5	0	0	Ő
	WINNEMUCCA	97	54	101	47	75	11	0.00	-0.13	0.00	0.08	18	4.24	87	45	7	7	0	0	0
NY	ALBANY	74 73	53 53	82 79	46 43	64 63	-4 -2	0.89	0.00	0.89	1.93	78 72	14.31 18.45	83 105	96 91	49 46	0	0	1	1 0
	BUFFALO	76	57	84	47	66	Ō	0.20	-0.69	0.17	1.02	42	8.54	49	87	42	0	õ	3	0
	ROCHESTER	77	55	86	45	66	-1	0.87	0.07	0.42	1.29	62	10.28	71	91	37	0	0	4	0
он	SYRACUSE AKRON-CANTON	79 79	56 59	88 85	51 50	67 69	0 1	1.46 0.17	0.69	0.83	2.37	114 82	13.07 14.50	82 80	82 85	38 43	0	0	5 3	1 0
	CINCINNATI	85	62	90	57	74	1	3.69	2.74	2.67	6.37	233	24.16	113	82	43	2	0	2	2
	CLEVELAND	78	58	82	48	68	-2	0.46	-0.33	0.22	1.68	77	12.31	71	86	43	0	0	4	0
	DAYTON	84 84	59 62	91 89	57	72	2	0.20 1.74	-0.72	1.35	1.08 4.07	04 151	15.49	85 90	90 76	40 38	2 0	0	3 2	U 1
	MANSFIELD	81	58	87	47	70	2	0.27	-0.87	0.19	1.01	32	15.66	76	87	43	0	0	4	0

Based on 1981-2010 normals

*** Not Available

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June 22, 2021

Weekly Weather and Crop Bulletin

												RELATIVE		E NUMBER OF DAYS		AYS				
	STATES	٦	EMF	PERA	TUR	E	F			PREC		ATION			HUM PER	IDITY CENT	TEM	P. °F	PRE	CIP
S	AND TATIONS	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY WEEKLY	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	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	83	60	88	51	72	2	0.25	-0.59	0.24	1.65	71	13.59	87	82	34	0	0	2	0
ок	OKLAHOMA CITY	93	54 67	84 94	43 64	65 80	-1 2	0.01	-1.15	0.01	0.29	88	13.80	80 63	94 90	48 38	0 7	0	4 1	0
	TULSA	96	73	99	66	84	6	0.00	-1.06	0.00	0.69	21	15.90	80	85	38	7	0	0	0
OR	ASTORIA	65 88	53 46	69 04	48 35	59 67	2	0.58	-0.04 -0.17	0.58	1.90	104 12	37.52 5.16	106 84	93 71	67 12	03	0	1	1
	EUGENE	77	52	85	47	65	4	1.06	0.70	0.90	1.59	136	14.39	58	91	42	0	0	2	1
	MEDFORD	84	56	94	50	71	4	0.19	0.06	0.16	0.87	180	6.32	67	74	28	2	0	2	0
	PENDLETON PORTLAND	84 77	51 57	91 84	46 50	68 67	3	0.14	-0.11	0.14	0.27	34 96	4.18 14.58	58 78	79 84	23 43	2	0	1	0
	SALEM	78	54	85	50	66	5	0.98	0.59	0.71	1.70	144	19.01	91	84	41	0	0	3	1
PA	ALLENTOWN	78	55	83	48	67	-3	0.04	-0.97	0.04	2.31	84	16.37	84	89	49	0	0	1	0
	ERIE MIDDI ETOWN	77 82	59 62	84 88	47 55	68 72	1	0.54	-0.36 -0.71	0.28	0.83	35 37	12.63 14.78	72 83	81 80	44 39	0	0	3	0
	PHILADELPHIA	82	63	90	58	73	-1	0.86	0.10	0.80	2.27	104	18.62	99	83	39	1	0	3	1
	PITTSBURGH	78	56	87	45	67	-2	0.95	-0.06	0.44	2.05	75	15.08	84	87	43	0	0	3	0
	WILKES-BARRE	79 81	55 55	88 84	45 46	67 68	-1 -1	0.36	-0.61	0.28	1.47 1.79	55 71	14.90 14.77	90 85	89 87	41 40	0	0	2	0
RI	PROVIDENCE	80	58	90	53	69	1	0.72	-0.14	0.53	1.47	57	18.35	81	86	41	1	0	2	1
SC	CHARLESTON	89	69	94	66	79	0	1.54	0.17	1.18	5.57	166	21.65	110	97	51	3	0	4	1
		89 90	67 66	93 93	60 58	78 78	-1 -1	0.31	-0.86 -0.74	0.31	2.20	75 151	20.61	106 116	91 85	43 37	3	0	1 1	0
	GREENVILLE	87	64	91	59	76	-1	0.22	-0.64	0.14	1.69	75	22.07	102	86	38	3	0	2	0
SD	ABERDEEN	92	58	100	50	75	9	0.00	-0.90	0.00	0.44	19	5.85	61	69	21	5	0	0	0
	HURON RAPID CITY	91 90	59 56	101 99	50 52	75	7	0.69	-0.26	0.66	0.83	31 112	5.36 6.38	50 74	79 75	27 29	4	0	2	1
	SIOUX FALLS	91	61	96	54	76	8	0.00	-0.93	0.00	0.40	15	8.19	69	69	27	6	0	0	0
TN	BRISTOL	85	58	90	51	72	0	0.03	-0.86	0.03	2.61	108	21.37	108	93	37	2	0	1	0
	CHATTANOOGA KNOXVILLE	90 87	67 63	95 92	62 59	78 75	1	0.66	-0.30	0.52	4.09 1.91	165 82	28.84 22.60	113 94	88 93	37 36	3	0	2	1
	MEMPHIS	91	73	94	67	82	2	0.00	-0.81	0.00	4.14	174	30.59	114	79	41	6	0	0	0
-	NASHVILLE	91	68	96	61	80	4	0.00	-0.99	0.00	1.98	72	28.30	117	79	38	4	0	0	0
IX	ABILENE	95 94	70 65	96 97	67 62	82 80	3	0.26	-0.59	0.26	0.83	32	13.10 8.78	114 103	85 74	36 27	7 6	0	1 1	0
	AUSTIN	97	74	100	70	86	3	0.00	-1.05	0.00	2.62	85	17.50	105	80	34	7	0	0	0
	BEAUMONT	95	72	98	67	83	2	1.61	-0.18	1.61	7.03	165	31.48	125	99	50	7	0	1	1
	BROWNSVILLE CORPUS CHRISTI	93 95	77 73	95 98	75 72	85 84	1	0.12	-0.46 -0.76	0.12	0.80 2.08	52 102	7.54 17.44	80 141	86 98	48 46	7 7	0	1 0	0
	DEL RIO	101	77	103	74	89	5	0.01	-0.51	0.01	0.03	2	5.98	70	70	28	7	0	1	0
	EL PASO	101	74	104	72	87	5	0.00	-0.24	0.00	0.01	2	1.15	46	34	11	7	0	0	0
	GALVESTON	97 94	76 80	99 95	71	87 87	5	0.00	-0.90	0.00	1.23	47	18.87	0	79 80	35 47	7	0	0	0
	HOUSTON	97	74	99	71	85	3	0.35	-1.13	0.35	5.65	151	24.83	112	86	43	7	0	1	0
		96	70	100	65	83	5	0.00	-0.71	0.00	1.00	49	10.46	126	68	22	7	0	0	0
	SAN ANGELO	94 98	68	100	64	83	2	0.00	-0.41	0.00	1.83	98	7.04	71	88	23	7	0	0	0
	SAN ANTONIO	94	73	96	69	84	1	0.20	-0.78	0.20	1.81	67	16.44	112	85	43	7	0	1	0
	VICTORIA	95 06	73	98	71 65	84	2	0.87	-0.17	0.71	5.88	204	32.83	180	93 01	46	7	0	3	1
	WICHITA FALLS	96 96	69	96 96	67	83	2	0.00	-0.81	0.00	0.75	24	14.25	86	93	38	7	0	1	0
UT	SALT LAKE CITY	101	71	106	61	86	16	0.00	-0.23	0.00	0.00	0	6.38	70	35	9	7	0	0	0
VA		86 85	61 68	90 94	53 62	73	1	0.12	-0.73 -1.03	0.12	4.36	186 122	19.93 20.14	105 102	85 84	38 45	2	0	1	0
	RICHMOND	86	63	93	55	74	-1	0.00	-0.92	0.00	3.36	132	19.43	102	89	39	2	0	0	0
	ROANOKE	85	62	90	53	73	0	0.83	-0.06	0.83	3.05	121	18.21	95	82	38	1	0	1	1
VT	WASH/DULLES	82 79	60 55	88 86	49 50	71 67	-1 1	1.13	0.19	1.02 0.54	2.81	107 70	16.23 11.20	83 76	88 86	43 35	0	0	3	1
WA	OLYMPIA	73	49	80	45	61	2	1.98	1.56	0.99	3.24	256	28.08	109	99	55	0	0	3	2
	QUILLAYUTE	64	51	67	43	57	2	0.78	-0.02	0.50	2.59	105	42.86	83	100	69	0	0	3	0
	SEATTLE-TACOMA SPOKANE	81	55 55	79 89	52 46	63 68	2	0.95	0.58	0.89	0.43	47	4.65	54	87 72	52 24	0	0	2	1
	YAKIMA	85	55	93	42	70	6	0.15	-0.01	0.12	0.18	40	2.71	64	70	24	3	0	2	0
WI	EAU CLAIRE	87	57	92	53	72	5	0.18	-0.83	0.18	0.72	27	7.15	58	87 87	29	2	0	1	0
	GREEN BAY	83 89	56 62	91 95	47 58	69 76	4 6	0.35 1.60	-0.56 0.56	0.18 1.48	0.57 1.60	22 58	7.00 10.79	57 78	85 86	32 28	1 3	0	4 2	U 1
	MADISON	85	58	91	50	72	4	1.52	0.44	1.44	1.63	56	8.60	58	87	31	1	0	3	1
14/14	MILWAUKEE	82	61	93	55	71	5	0.07	-0.86	0.07	0.13	5	7.46	49	81	34	1	0	1	0
vvv		83	50 59	оз 88	40 48	07 71	-1 -2	0.20	-0.79	0.98	3.91 1.97	70	17.40	83	95 100	40 46	0	0	3 4	0
	ELKINS	77	53	83	42	65	-2	1.04	0.02	0.87	2.58	94	17.21	78	90	40	0	0	4	1
w/~		84 05	60 51	89 101	50 46	72 72	-1 11	0.96	0.07	0.54	4.31	166	21.25	103 97	93 63	48 o	0	0	3	1
VVT	CHEYENNE	95 89	58	95	40 55	73	11	0.00	-0.37	0.00	2.56	157	8.26	107	85	o 21	4	0	2	0
	LANDER	94	59	98	53	77	14	0.00	-0.30	0.00	0.00	0	7.60	104	40	8	7	0	0	0
	SHERIDAN	93	52	107	47	73	11	0.00	-0.52	0.00	0.02	1	7.09	93	71	17	4	0	0	0

Based on 1981-2010 normals

*** Not Available

Spring Weather Review

Weather summary provided by USDA/WAOB

Highlights: Producers across the northern and western U.S. faced several weather challenges, including ongoing drought and episodic cold snaps. Even into late May, frost and freezes across portions of the northern Plains and upper Midwest necessitated replanting of some spring-sown crops, including soybeans. Due to punishing drought and temperature extremes, a variety of commodities—including rangeland/pastures, spring wheat, and barley—started the growing season with the lowest spring crop conditions, per USDA/NASS, of the 21st century. By May 30, more than one-third (39 percent) of the U.S. rangeland and pastures; 20 percent of the spring wheat; and 13 percent of the barley were rated in very poor to poor condition.

Crops in other parts of the country fared better. Midwestern planting quickly advanced, with 95 percent of the U.S. corn and 84 percent of the soybeans sown by May 30; five-year averages for that date were 87 and 67 percent, respectively. Meanwhile, winter wheat across the central and southern Plains benefited from frequent spring precipitation, although early-season harvest efforts were slowed by delayed maturation and wet conditions. Farther north, winter wheat conditions faded amid drought; by May 30, nearly two-thirds (63 percent) of Oregon's crop was rated in very poor to poor condition. In contrast, spring wetness from the southern Plains to the Mississippi Delta hampered fieldwork, including hay cutting and late-season planting.

During the first 5 months of 2021, drought coverage remained nearly steady at 43 to 48 percent of the Lower 48 States, according to the U.S. Drought Monitor, down slightly from a December 2020 peak of 49.6 percent. Large-scale improvement in the drought situation was mostly limited to the central and southern Plains and the eastern slopes of the central Rockies. Meanwhile, the drought picture worsened in the West, particularly in the Pacific Coast States, as well as portions of the northern Plains and northern Corn Belt. Short-term dryness developed in portions of the Atlantic Coast States. In contrast, excessive wetness plagued the Mississippi Delta and portions of neighboring regions.

Following frigid February weather, a sudden end to widespread wintry conditions helped propel the country to a relatively warm spring. All states except Arkansas ended up on the "warm side" of the historical distribution. However, widespread spring temperatures averaging at least 2°F above normal were confined to the North—an area stretching from parts of the Dakotas to New England.

Outside the contiguous U.S., near- or below-normal spring temperatures in Alaska accompanied variable precipitation, while an extremely wet March in Hawaii was followed by the return of warm, mostly dry weather. Alaska experienced its coolest spring since 2013 and its wettest spring since 2004. Meanwhile, Hawaii endured widespread flooding during its wettest March since 2006. Subsequently, a lack of late-spring rainfall allowed short-term dryness or drought to quickly return across much of Hawaii.

Historical Perspective: According to preliminary data provided by the National Centers for Environmental Information, the contiguous U.S. experienced its 21st-warmest, 42nd-driest spring during the 127-year period of record. Across the Lower 48 States, the March-May average temperature of 52.6°F was 1.7°F above the 20th century mean, while precipitation averaged 7.53 inches (95 percent of normal). It was the nation's driest spring since 2006.

Spring warmth was most prominent in the North and West, while wetness was largely focused on an area stretching from the central and southern Plains into the lower Mississippi Valley. Top-ten rankings for spring warmth were confined to Michigan and four Atlantic Coast States from Delaware to Maine (figure 1). Meanwhile, state precipitation rankings ranged from the second-driest spring in Idaho, Oregon, and Washington to the fourth-wettest spring in Louisiana (figure 2). California and Michigan also experienced a top-ten ranking for spring dryness.





March: The effects of February's cold wave faded amid nearly nationwide March warmth. In fact, consistently cooler-than-normal March weather was limited to areas west of the Rockies, where monthly temperatures averaged as much as 5°F below normal. In contrast, early-spring warmth dominated the central and eastern U.S., boosting monthly temperatures at least 5 to 10°F above normal across portions of the northern Plains and upper Midwest.

The weather pattern driving that temperature regime—a Western trough and Eastern ridge—helped to suppress the Pacific storm track southward, leading to limited precipitation across the Pacific Coast States. Indeed, much of the Far West experienced a disappointing end to the 2020-21 winter wet season, portending water-supply shortages in many areas for the upcoming growing season.

Farther east, however, the same storms were able to tap into abundant moisture while traveling northeastward across the nation's mid-section, leading to drought-easing rain and snow in central sections of the Rockies and Plains; multiple rounds of heavy rain and severe weather in the Southeast; and periodic Midwestern storminess. Precipitation mostly bypassed several areas, including the drought-affected northern Plains; southern and western Texas; and peninsular Florida. By late March, topsoil moisture was rated at least one-half very short to short in several states, including North Dakota (87 percent), New Mexico (84 percent), Montana (76 percent), South Dakota (66 percent), Florida (59 percent), Texas (55 percent), and Wyoming (55 percent).

Rangeland, pastures, and winter wheat across the central Plains and environs benefited from the boost in soil moisture; any flooding was limited by antecedent dryness and unfrozen soils, which allowed much of the rain and melting snow to soak in. By March 28, at least one-half of the winter wheat was rated in good to excellent condition in several Plains States, including Oklahoma (61 percent) and Kansas (50 percent). Wheat across the Midwest and mid-South was also generally faring well, with 70 percent of the Illinois crop rated good to excellent.

By late March, Southern planting was mostly progressing at a normal pace, or was ahead of schedule, except in a few areas where lowland flooding and wet soils inhibited fieldwork. By March 28, at least one-half of the intended corn acreage had been planted in Louisiana (74 percent) and Texas (50 percent). On the same date, Louisiana led the nation in rice planting (43 percent complete), followed by Texas (39 percent). In Arizona, 26 percent of the cotton had been planted by March 28, compared to the 5-year average of 18 percent.

During the 4 weeks ending March 30, drought coverage across the contiguous U.S. fell from 46.6 to 43.9 percent, on the strength of improving conditions in the Central States. However, worsening drought was noted in several areas, including the northern Plains and parts of Texas. In the 11-state Western region, drought coverage dipped from 79.9 to

75.2 percent, mainly due to improvement in the northern and central Rockies. In contrast, Southeastern flood events were particularly impressive in early March across Kentucky and late in the month in central Tennessee. Severe weather outbreaks, mainly on March 12-13, 16-18, 24-25, 27-28, and 30-31, spawned more than 175 tornadoes, according to preliminary reports—the highest March total since 225 twisters occurred in 2012.

April: Despite periodic April rain and snow showers, drought resolutely persisted across much of the western half of the country, with national coverage increasing from 44 to 48 percent during the 4-week period ending April 27, according to the *U.S. Drought Monitor*. During the same 4 weeks, drought coverage in the 11-state Western region increased from 75 to 84 percent. In addition, Western coverage of extreme to exceptional drought (D3 to D4) increased by nearly 4 percentage points during April to reach 43 percent.

Across roughly the southern two-thirds of the West, a drought complication was premature melting of highelevation snowpack, which disrupted the natural hydrological cycle and could potentially extend the wildfire season. By May 2, USDA/NASS reported that rangeland and pastures were rated at least 40 percent in very poor to poor condition in 12 of the 17 states from the Pacific Coast to the Great Plains, led by Arizona (87 percent very poor to poor). In contrast, pastures were rated at least 70 percent in good to excellent condition in 11 states from the Mississippi Valley eastward.

Meanwhile, a pair of April cold snaps threatened a variety of crops and commodities. In the Southeast, early-April freezes caused variable damage to fruits and ornamentals. Several weeks later, more expansive freezes across the Plains and Midwest, as well as parts of the mid-South and interior Southeast, potentially harmed some jointing to heading winter wheat. Other possible adverse freeze impacts from the late-April cold wave included blooming fruits and emerged summer crops.

Despite early-April warmth across the nation's mid-section, subsequent cold weather helped to push monthly temperatures to near- or below-normal levels. Elsewhere, warmer-than-normal weather generally covered the Pacific Coast States, the Great Basin, and the Desert Southwest, as well as an area stretching from the Great Lakes region into the Northeast.

Elsewhere, pockets of April dryness covered the Midwest, southern High Plains, and the mid-Atlantic, while heavy precipitation was common across the Deep South, including the Gulf Coast region. Across the northern Plains, rain and snow showers were insufficient to significantly boost soil moisture, while cool weather and dry soils locally hampered crop emergence and early-season pasture growth.

May: A complete summary appeared in the *Weekly Weather and Crop Bulletin* dated June 8, 2021.



CPC gridded precipitation data supplemented with AHPS (water.weather.gov/precip/) for quality control purposes



Weekly Weather and Crop Bulletin

National Weather Data for Selected Cities

Spring 2021

Data Provided by Climate Prediction Center

		TEM	1P, *F	PR	ECIP.		TEM	IP, *F	PR	ECIP.		TEM	IP, *F	PR	ECIP.
	STATES AND STATIONS	VERAGE	PARTURE	TOTAL	PARTURE	STATES AND STATIONS	VERAGE	PARTURE	TOTAL	PARTURE	STATES AND STATIONS	VERAGE	PARTURE	TOTAL	PARTURE
		A	DE		DE		A	DE		DE		4	DE		DE
AK	ANCHORAGE	34 6	-3	2.26	0.44	WICHITA	56 54	0	9.60	-0.23	TOLEDO	52 50	3	8.65	-0.54
	FAIRBANKS	29	-9 -2	2.59	-0.19		59	-1	11.28	-0.87	OK OKLAHOMA CITY	59	-2	8.43	-2.35
	JUNEAU	40	-1	17.67	7.61	PADUCAH	59	1	14.35	0.72	TULSA	61	0	12.12	-0.84
	KODIAK	39	0	15.67	-1.30	LA BATON ROUGE	68	-1	28.42	17.58	OR ASTORIA	48	-1	7.40	-8.56
	NOME	24	1	3.27	0.95	LAKE CHARLES	70	1	30.03	17.88	BURNS	45	1	1.68	-1.62
AL	BIRMINGHAM	64	1	20.94	6.31	NEW ORLEANS	71	2	34.65	20.81	EUGENE	52	1	3.27	-7.80
	MOBILE	66	-1	23.79	3.83 7.70	MA BOSTON	51	3	19.50	-0.48	PENDLETON	52	2	0.95	-2.01
	MONTGOMERY	66	2	14.36	0.89	WORCESTER	48	3	11.10	-1.41	PORTLAND	54	1	2.49	-6.34
AR	FORT SMITH	61	0	16.54	2.91	MD BALTIMORE	56	3	9.44	-1.61	SALEM	53	1	4.43	-4.59
	LITTLE ROCK	61	-1	11.31	-3.42	ME CARIBOU	41	2	8.91	0.47	PA ALLENTOWN	51	2	7.69	-3.35
AZ		44	0	3.41	-0.50		45	2	8.26	-4.33		50	4	6.07	-3.60
	PRESCOTT	75 54	1	0.38	-1.05	GRAND RAPIDS	44	1	5.08	-0.58	PHILADELPHIA	55	2	9.96	-2.56
	TUCSON	70	3	0.31	-1.05	HOUGHTON LAKE	44	2	5.00	-2.02	PITTSBURGH	51	1	8.92	-1.05
CA	BAKERSFIELD	66	3	0.92	-1.05	LANSING	49	2	4.45	-3.95	WILKES-BARRE	51	3	8.60	-0.76
	EUREKA	47	-5	3.17	-7.22	MUSKEGON	48	2	4.10	-4.26	WILLIAMSPORT	51	2	7.77	-2.04
	FRESNO	65	2	1.46	-2.01		46	4	5.10	-2.09		50	1	11.41	-1.52
	REDDING	63	-1	3.07	-1.51		42	3	4 26	-1.09	COLUMBIA	64	0	6.80	-2.54
	SACRAMENTO	62	2	1.08	-3.50	MINNEAPOLIS	49	3	8.51	0.60	FLORENCE	64	0	4.29	-4.88
	SAN DIEGO	62	1	1.61	-1.13	ROCHESTER	47	0	6.80	-1.92	GREENVILLE	60	0	11.79	0.20
	SAN FRANCISCO	57	0	1.35	-3.40	ST. CLOUD	45	2	7.87	0.81	SD ABERDEEN	47	4	4.82	-1.29
	STOCKTON	60	0	1.00	-2.70	MO COLUMBIA	57	2	15.78	3.40	HURON	48	2	3.80	-3.07
CO	ALAMOSA CO SPRINGS	43	1	2.24	0.53	SAINT LOUIS	58	2	13.50	-0.11	RAPID CITY SIQUX FALLS	45 49	4	3.76 6.41	-2.21
	DENVER INTL	47	-1	8.35	3.58	SPRINGFIELD	56	0	21.78	8.73	TN BRISTOL	56	1	10.28	-0.24
	GRAND JUNCTION	53	1	1.35	-1.44	MS JACKSON	65	1	18.70	4.27	CHATTANOOGA	62	2	16.62	3.51
	PUEBLO	51	0	6.13	2.23	MERIDIAN	64	1	22.99	8.26	KNOXVILLE	59	0	13.80	0.89
СТ	BRIDGEPORT	51	2	10.53	-1.46	TUPELO	64	2	20.32	5.12	MEMPHIS	63	0	16.23	0.30
DC	WASHINGTON	50	1	10.89 9.44	-0.76	MI BILLINGS BUTTE	47	-1	3.11	-1.81		64	-1	19.13	5.51
DE	WILMINGTON	54	1	10.24	-1.12	CUT BANK	41	0	2.12	-1.15	AMARILLO	56	0	7.53	2.41
FL	DAYTONA BEACH	71	1	6.07	-3.48	GLASGOW	46	2	1.78	-1.45	AUSTIN	70	0	12.30	3.02
	JACKSONVILLE	67	-1	7.68	-1.37	GREAT FALLS	43	0	5.84	1.06	BEAUMONT	69	0	18.90	6.97
	KEY WEST	79	2	4.23	-2.87	HAVRE	44	1	3.23	0.08	BROWNSVILLE	76	1	5.64	0.21
		78	2	7.23	-4.22		45	-1	3.22	-1.03		72	0	13.63	6.83
	PENSACOLA	69	2	23.18	8.84	CHARLOTTE	61	2	7.75	-2.42	EL PASO	68	3	0.42	-0.27
	TALLAHASSEE	68	1	6.68	-5.77	GREENSBORO	59	0	8.99	-1.58	FORT WORTH	66	0	14.53	3.15
	TAMPA	75	3	4.46	-2.68	HATTERAS	62	2	7.94	-4.01	GALVESTON	71	1	9.30	0.00
	WEST PALM BEACH	77	3	3.76	-8.99	RALEIGH	59	-1	4.02	-6.25	HOUSTON	70	0	15.07	3.31
GA		63	1	11.19	0.64	WILMINGTON	64	1	4.28	-7.25		60	-1	8.22	3.41
	AUGUSTA	65	1	8.71	-0.94	DICKINSON	40	2	4.35	-0.15	SAN ANGELO	65	-1	3.69	-2.07
	COLUMBUS	65	0	12.26	0.09	FARGO	45	2	2.11	-3.32	SAN ANTONIO	70	1	12.33	3.93
	MACON	64	0	9.30	-0.92	GRAND FORKS	43	2	3.43	-1.29	VICTORIA	70	0	25.41	14.64
	SAVANNAH	67	0	8.87	-0.85	JAMESTOWN	44	3	2.18	-2.56	WACO	66	-1	10.56	0.41
н	HILO	73	1	40.37	7.29	NE GRAND ISLAND	53	2	11.81	3.07		62	-1	10.44	1.86
	KAHULUI	74	0	8.90	4.13	NORFOLK	51	2	9.55	1.22	VA LYNCHBURG	57	2	7.58	-2.98
	LIHUE	74	0	13.60	4.68	NORTH PLATTE	50	2	9.67	3.05	NORFOLK	61	3	6.87	-3.54
IA	BURLINGTON	53	0	13.29	1.88	OMAHA	54	2	9.09	-0.63	RICHMOND	58	1	7.51	-3.55
	CEDAR RAPIDS	49	1	5.89	-3.40	SCOTTSBLUFF	47	0	4.00	-1.32	ROANOKE	57	1	6.74	-4.09
	DES MOINES	53 40	2	6.63	-4.28		49	2	8.03	1.61	WASH/DULLES	55	1	7.33	-4.04
	SIOUX CITY	50	1	7.78	-0.88	NJ ATLANTIC CITY	53	2	10.22	-0.95	WA OLYMPIA	49	0	5.64	-5.51
	WATERLOO	50	2	5.88	-4.44	NEWARK	55	2	9.83	-2.66	QUILLAYUTE	47	0	13.75	-10.04
ID	BOISE	52	1	2.63	-1.38	NM ALBUQUERQUE	58	1	0.94	-0.76	SEATTLE-TACOMA	52	1	4.68	-3.64
	LEWISTON	54	2	0.61	-3.48	NV ELY	43	0	2.09	-0.98	SPOKANE	49	2	0.68	-3.86
		46 52	0	2.95	-0.93	LAS VEGAS RENO	69 53	1	0.61	-0.17		52	2	0.17	-1.60
12	MOLINE	52	2	12.81	2.06	WINNEMUCCA	48	0	2.06	-0.85	GREEN BAY	47	4	5.00	-2.13
	PEORIA	53	1	13.97	3.23	NY ALBANY	46	-1	8.72	-1.23	LA CROSSE	51	3	7.67	-1.17
	ROCKFORD	52	3	5.35	-4.32	BINGHAMTON	45	1	12.02	2.08	MADISON	48	2	5.04	-4.05
	SPRINGFIELD	54	1	13.62	3.26	BUFFALO	48	3	4.43	-4.86	MILWAUKEE	50	4	4.17	-5.02
IN	EVANSVILLE	57 51	1	10.40	-3.59	ROCHESTER	48	2	5.59	-2.47	WV BECKLEY	52 55	1	8.74	-2.82
	INDIANAPOLIS	53	1	11.04	-0.43	OH AKRON-CANTON	49 52	2	8,62	-3.07	ELKINS	50	1	8,05	-3.39
	SOUTH BEND	50	2	7.39	-2.03	CINCINNATI	55	1	10.85	-1.95	HUNTINGTON	55	0	9.61	-2.40
KS	CONCORDIA	55	2	9.10	0.48	CLEVELAND	51	2	7.70	-2.32	WY CASPER	41	-2	4.22	0.07
	DODGE CITY	54	0	8.76	2.52	COLUMBUS	53	1	9.33	-1.23	CHEYENNE	42	-2	5.06	-0.14
	TOPEKA	49 56	0 1	8.07 12.93	2.90 1.99	MANSFIELD	53 52	2 4	9.28 10.75	-2.81 -1.36	LANDER SHERIDAN	43 44	-1 0	7.35 5.09	2.10 0.15

Based on 1981-2010 normals

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National Agricultural Summary

June 14 – 20, 2021

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Much of the nation remained drier than normal, while parts of the lower Mississippi Valley, Northeast, Ohio Valley, Pacific Northwest, and Southeast received at least twice the normal amount of weekly rainfall. Portions of the Gulf Coast in Louisiana and Mississippi received at least 6 inches of rain. Most of the central and western U.S. was hotter than normal. Large sections of California, the Great Plains, Rockies, and Southwest recorded weekly temperatures 9°F or more above normal. In contrast, most of the eastern one-third of the nation was cooler than normal. Parts of the mid-Atlantic observed temperatures 3°F or more below normal.

Corn: On June 20, sixty-five percent of the nation's corn acreage was rated in good to excellent condition, 3 percentage points below the previous week and 7 points below the same time last year. In Iowa, the largest corn-producing state, 56 percent of the corn was rated in good to excellent condition.

Soybean: Ninety-seven percent of the nation's soybean acreage was planted by June 20, one percentage point ahead of last year and 3 points ahead of the 5-year average. Ninety-one percent of the nation's soybeans had emerged by June 20, three percentage points ahead of last year and 6 points ahead of average. By June 20, five percent of the nation's soybeans had reached the blooming stage, equal to both last year and the average. Progress was most advanced in the lower Mississippi Valley, with 47 percent blooming in Louisiana, along with 35 percent in Mississippi and 30 percent in Arkansas. On June 20, sixty percent of the nation's soybean acreage was rated in good to excellent condition, 2 percentage points below the previous week and 10 points below the previous year.

Winter Wheat: By June 20, ninety-six percent of the nation's winter wheat was headed, 1 percentage point ahead of the previous year but equal to the 5-year average. Seventeen percent of the 2021 winter wheat acreage had been harvested by June 20, ten percentage points behind last year and 9 points behind average. On June 20, forty-nine percent of the 2021 winter wheat was reported in good to excellent condition, 1 percentage point above the previous week but 3 points below the same time last year. In Kansas, the largest winter wheat-producing state, 63 percent of the winter wheat was rated in good to excellent condition.

Cotton: Nationwide, 96 percent of the cotton was planted by June 20, one percentage point ahead of both the previous year and the 5-year average. Twenty-one percent of the nation's cotton had reached the squaring stage by June 20, four percentage points behind both last year and the average. By June 20, four percent of the nation's cotton had begun setting bolls, 1 percentage point behind last year but equal to the average. On June 20, fifty-two percent of the 2021 cotton acreage was rated in good to excellent condition, 7 percentage points above the previous week and 12 points above the same time last year.

Sorghum: Eighty-eight percent of the nation's sorghum was planted by June 20, one percentage point behind the previous year but 1 point ahead of the 5-year average. By June 20, sixteen percent of the nation's sorghum had reached the headed stage, 2 percentage points behind both last year and the average. Seventy-three percent of the nation's sorghum was rated in good to excellent condition on June 20, one percentage point below the previous week but 26 points above the same time last year.

Rice: By June 20, three percent of the nation's rice had reached the headed stage, 5 percentage points behind the previous year and 3 points behind the 5-year average. In Louisiana, 13 percent of the rice had reached the heading stage, 18 percentage points behind the previous year and 15 points behind average. On June 20, seventy-four percent of the nation's rice was rated in good to excellent condition, 2 percentage points above the previous week and 1 point above the same time last year.

Small Grains: Sixty-three percent of the nation's oats had headed by June 20, seven percentage points ahead of last year and 6 points ahead of the 5-year average. On June 20, thirty-nine percent of the nation's oat acreage was rated in good to excellent condition, 3 percentage points below the previous week and 26 points below the same time last year.

Nineteen percent of the nation's barley had reached the headed stage by June 20, one percentage point ahead of last year and 2 points ahead of the 5-year average. On June 20, thirty-nine percent of the barley acreage was rated in good to excellent condition, 6 percentage points below the previous week and 36 points below the same time last year.

By June 20, twenty-seven percent of the nation's spring wheat had reached the headed stage, 16 percentage points ahead of the previous year and 9 points ahead of the 5-year average. On June 20, twenty-seven percent of the spring wheat was rated in good to excellent condition, 10 percentage points below the previous week and 48 points below the same time last year.

Other Crops: Nationally, producers had planted 96 percent of the 2021 peanut acreage by June 20, two percentage points behind both the previous year and the 5-year average. By June 20, twenty-two percent of the peanuts had reached the pegging stage, 2 percentage points behind the previous year but equal to the average. In Georgia, 35 percent of the peanuts had reached the pegging stage, 2 percentage points behind the previous year but 4 points ahead of average. On June 20, sixty-nine percent of the nation's peanut acreage was rated in good to excellent condition, 4 percentage points above the previous week and 5 points above the same time last year.

Ninety-two percent of the nation's intended 2021 sunflower acreage was planted by June 20, five percentage points ahead of both last year and the 5-year average.

Crop Progress and Condition Week Ending June 20, 2021

Soybeans Percent Planted										
	Prev	Prev	Jun 20	5-Yr						
	Year	Week	2021	Avg						
AR	92	87	93	93						
IL	97	95	96	93						
IN	97	96	100	92						
IA	99	99	100	98						
KS	94	82	90	90						
KY	84	82	87	84						
LA	100	92	95	99						
МІ	99	99	100	89						
MN	100	100	100	99						
MS	97	95	97	97						
мо	87	85	92	86						
NE	100	100	100	98						
NC	80	77	84	81						
ND	94	97	100	98						
ОН	97	95	100	89						
SD	100	97	100	95						
TN	84	76	86	87						
WI	99	99	100	95						
18 St	s 96	94	97	94						
These 18 States planted 96%										
of las	of last year's soybean acreage									

	Soybean Condition by										
		Perc	ent								
	VP	Р	F	G	EX						
AR	3	8	26	43	20						
IL	1	3	30	55	11						
IN	1	6	23	62	8						
IA	2	7	34	50	7						
KS	4	4	24	64	4						
KY	1	1	16	71	11						
LA	1	3	20	68	8						
МІ	1	5	37	49	8						
MN	2	7	38	44	9						
MS	0	5	25	53	17						
мо	0	5	39	51	5						
NE	1	2	14	64	19						
NC	0	4	30	58	8						
ND	12	23	42	22	1						
он	1	3	24	58	14						
SD	3	11	53	32	1						
TN	1	3	16	64	16						
WI	2	7	29	51	11						
18 Sts	2	7	31	51	9						
Prev Wk	2	6	30	53	9						
Prev Yr	1	4	25	58	12						

Soybeans Percent Emerged											
	Prev	Prev	Jun 20	5-Yr							
	Year	Week	2021	Avg							
AR	84	82	85	87							
IL	91	91	94	86							
IN	91	88	95	82							
IA	96	93	96	91							
KS	84	63	76	76							
КҮ	71	64	72	68							
LA	96	85	91	97							
МІ	91	95	98	79							
MN	99	97	99	94							
MS	94	92	94	92							
МО	72	65	80	74							
NE	96	91	95	93							
NC	74	67	75	70							
ND	76	83	93	89							
ОН	84	86	95	78							
SD	93	94	97	85							
TN	68	68	75	73							
WI	92	92	97	85							
18 Sts 88 86 91 85											
These 18 Stat	These 18 States planted 96%										
of last year's	soybear	n acreag	e.								

Corn Condition by										
		Perc	ent							
	VP	Ρ	F	G	EX					
со	0	3	19	53	25					
IL	1	3	32	53	11					
IN	1	6	23	61	9					
IA	2	6	36	50	6					
KS	1	5	23	63	8					
KY	0	1	13	69	17					
МІ	1	6	33	52	8					
MN	2	7	41	43	7					
МО	1	6	36	52	5					
NE	1	1	15	60	23					
NC	1	3	19	59	18					
ND	5	15	41	38	1					
он	0	3	21	60	16					
PA	0	3	17	62	18					
SD	3	14	49	33	1					
TN	1	3	15	58	23					
ТΧ	2	2	19	49	28					
WI	2	5	24	55	14					
18 Sts	1	5	29	54	11					
Prev Wk	1	4	27	56	12					
Prev Yr	1	4	23	57	15					

Soybeans Percent Blooming											
	Prev	Prev	Jun 20	5-Yr							
	Year	Week	2021	Avg							
AR	23	19	30	35							
IL	2	NA	1	4							
IN	1	NA	1	1							
IA	1	1	7	1							
KS 1 NA 2 1											
KY	6	NA	1	2							
LA	54	26	47	52							
МІ	0	NA	0	0							
MN	1	NA	3	0							
MS	38	25	35	40							
MO	1	NA	1	1							
NE	14	0	5	5							
NC	1	NA	0	1							
ND	0	NA	0	2							
ОН	1	NA	1	1							
SD	2	NA	3	1							
TN	2	NA	2	3							
WI	0	0	2	0							
18 Sts 5 NA 5 5											
These 18 States planted 96%											
of last year's	of last year's soybean acreage.										

Rice Percent Headed										
	Prev	Prev	Jun 20	5-Yr						
	Year	Week	2021	Avg						
AR	0	0	0	0						
CA	9	0	0	3						
LA	31	1	13	28						
MS	3	0	1	7						
МО	0	0	0	0						
тх	22	6	19	17						
6 Sts	8	1	3	6						
These 6 States planted 100%										
of last year's rice acreage.										

Rice Condition by Percent					
	VP	Р	F	G	EX
AR	2	6	23	46	23
CA	0	0	10	80	10
LA	0	1	29	69	1
MS	1	1	12	79	7
мо	0	3	29	51	17
тх	1	1	28	58	12
6 Sts	1	3	22	59	15
Prev Wk	1	3	24	59	13
Prev Yr	0	3	24	57	16

Crop Progress and Condition Week Ending June 20, 2021

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

Cotton Percent Planted							
	Prev	Prev	Jun 20	5-Yr			
	Year	Week	2021	Avg			
AL	99	98	98	98			
AZ	100	100	100	100			
AR	100	100	100	100			
CA	100	100	100	100			
GA	99	94	97	97			
KS	99	96	96	90			
LA	100	91	96	100			
MS	97	93	96	98			
МО	89	99	100	95			
NC	95	97	100	97			
ок	83	60	75	89			
SC	93	95	98	97			
TN	96	97	97	99			
ТХ	94	88	96	93			
VA	96	95	97	98			
15 Sts	95	90	96	95			
These 15 States planted 99%							
of last year's	of last year's cotton acreage.						

Cotton Condition by						
	Percent					
	VP	Р	F	G	EX	
AL	0	0	7	70	23	
AZ	0	2	16	71	11	
AR	1	2	15	46	36	
CA	0	0	15	85	0	
GA	1	5	25	61	8	
KS	1	3	48	45	3	
LA	0	0	5	89	6	
MS	2	6	36	46	10	
МО	0	7	25	68	0	
NC	1	3	28	59	9	
ок	0	0	13	87	0	
SC	2	3	17	65	13	
TN	5	9	21	52	13	
ТΧ	1	6	58	28	7	
VA	0	1	12	86	1	
15 Sts	1	5	42	43	9	
Prev Wk	1	8	46	37	8	
Prev Yr	7	18	35	33	7	

Cotton Percent Squaring					
	Prev	Prev	Jun 20	5-Yr	
	Year	Week	2021	Avg	
AL	27	5	11	31	
AZ	74	49	63	51	
AR	44	3	12	60	
CA	34	15	25	28	
GA	37	20	35	34	
KS	11	11	20	8	
LA	42	22	35	49	
MS	15	2	9	24	
МО	3	17	47	27	
NC	16	4	17	23	
ОК	4	0	0	10	
SC	19	10	22	23	
TN	16	19	26	29	
ТХ	26	14	20	21	
VA	26	14	20	30	
15 Sts	25	13	21	25	
These 15 States planted 99%					

of last year's cotton acreage.

Sorghum Percent Planted				
	Prev	Prev	Jun 20	5-Yr
	Year	Week	2021	Avg
со	84	70	89	86
KS	86	60	85	82
NE	100	87	97	96
ок	73	40	63	73
SD	96	94	96	93
ТΧ	96	95	96	96
6 Sts	89	72	88	87
These 6 States planted 100%				
of last year's sorghum acreage.				

Sorghum Condition by					
		Perc	ent		
	VP	Ρ	F	G	EX
со	0	0	42	49	9
KS	1	2	23	70	4
NE	0	0	18	64	18
ок	0	0	17	78	5
SD	5	17	67	10	1
ТΧ	1	2	16	54	27
6 Sts	1	2	24	61	12
Prev Wk	0	2	24	64	10
Prev Yr	2	11	40	42	5

Cotton Percent Setting Bolls					
	Prev	Prev	Jun 20	5-Yr	
	Year	Week	2021	Avg	
AL	0	NA	0	0	
AZ	15	5	16	12	
AR	0	NA	0	2	
CA	0	NA	0	0	
GA	1	NA	1	1	
KS	0	NA	0	0	
LA	5	NA	0	4	
MS	1	NA	0	1	
МО	0	NA	1	0	
NC	0	NA	0	0	
ОК	0	NA	0	0	
SC	0	NA	0	0	
TN	0	0	0	0	
тх	10	NA	6	6	
VA	0	NA	1	0	
15 Sts	5	NA	4	4	
These 15 States planted 99%					
of last year's cotton acreage.					

Sorghum Percent Headed					
	Prev	Prev	Jun 20	5-Yr	
	Year	Week	2021	Avg	
СО	0	0	0	0	
KS	4	0	0	3	
NE	2	1	1	2	
ОК	0	0	0	2	
SD	0	3	4	1	
тх	53	45	52	52	
6 Sts	18	13	16	18	
These 6 States planted 100%					
of last year's sorghum acreage.					

Sunflowers Percent Planted					
	Prev Prev Jun 2			5-Yr	
	Year	Week	2021	Avg	
со	85	67	83	72	
KS	76	56	78	73	
ND	88	84	94	94	
SD	87	79	92	83	
4 Sts	87	79	92	87	
These 4 States planted 87%					
of last year's sunflower acreage.					

Crop Progress and Condition Week Ending June 20, 2021

Peanuts Percent Planted					
	Prev Prev Jun 20				
	Year	Week	2021	Avg	
AL	98	95	97	96	
FL	100	98	99	99	
GA	100	96	98	99	
NC	96	96	100	97	
ОК	79	78	90	92	
SC	98	96	98	98	
тх	89	66	85	93	
VA	100	93	99	98	
8 Sts	98	92	96	98	
These 8 States planted 96%					
of last year's peanut acreage.					

Winter Wheat Percent Headed					
	Prev	Prev	Jun 20	5-Yr	
	Year	Week	2021	Avg	
AR	100	100	100	100	
CA	100	100	100	100	
со	96	92	97	97	
ID	87	55	84	84	
IL	100	99	100	100	
IN	99	96	100	99	
KS	100	98	99	99	
м	79	93	95	85	
мо	100	99	100	100	
мт	51	21	50	62	
NE	94	93	98	96	
NC	100	100	100	100	
ОН	100	97	100	99	
ок	100	100	100	100	
OR	98	100	100	99	
SD	91	89	94	89	
тх	100	100	100	100	
WA	95	93	98	95	
18 Sts	95	92	96	96	
These 18 Stat	es plant	ed 90%			
of last year's winter wheat acreage.					

Barley Percent Headed					
	Prev	Prev	Jun 20	5-Yr	
	Year	Week	2021	Avg	
ID	41	13	29	31	
MN	19	9	47	23	
мт	5	1	8	6	
ND	3	1	17	12	
WA	71	38	65	48	
5 Sts	18	6	19	17	
These 5 States planted 81%					
of last year's barley acreage.					

Peanuts Percent Pegging							
	Prev	Prev	Jun 20	5-Yr			
	Year	Week	2021	Avg			
AL	11	1	7	20			
FL	29	6	16	24			
GA	37	11	35	31			
NC	4	0	9	6			
ок	6	1	4	4			
SC	25	8	25	22			
ТΧ	0	0	1	3			
VA	5	0	1	5			
8 Sts	24	7	22	22			
These 8 States planted 96%							
of last year's peanut acreage.							

Winter Wheat Percent Harvested						
	Prev	Prev	Jun 20	5-Yr		
	Year	Week	2021	Avg		
AR	75	29	60	83		
CA	52	25	40	47		
со	6	0	0	2		
ID	0	0	0	0		
IL	23	0	12	38		
IN	12	1	12	16		
KS	23	0	13	24		
МІ	0	0	0	0		
МО	37	2	27	44		
мт	0	0	0	0		
NE	0	0	0	0		
NC	50	24	44	60		
он	0	0	1	1		
ок	79	10	50	66		
OR	0	0	0	0		
SD	0	0	0	0		
ТХ	83	30	58	68		
WA	0	0	0	0		
18 Sts	27	4	17	26		
These 18 S	tates harve	ested 91	%			
of last vear's winter wheat acreage.						

Barley Condition by Percent								
	VP	VP P F G EX						
ID	1	4	48	39	8			
MN	4	18	39	36	3			
МТ	4	14	31	40	11			
ND	20	30	34	16	0			
WA	16	42	38	3	1			
5 Sts	8	17	36	32	7			
Prev Wk	5	14	36	38	7			
Prev Yr	0	3	22	65	10			

Peanut Condition by							
Percent							
	VP	Р	F	G	EX		
AL	0	1	8	46	45		
FL	2	3	30	65	0		
GA	1	4	25	59	11		
NC	0	2	21	66	11		
ок	0	0	9	91	0		
SC	1	1	12	80	6		
тх	0	2	58	39	1		
VA	0	0	14	85	1		
8 Sts	1	3	27	57	12		
Prev Wk	0	5	30	56	9		
Prev Yr	2	8	26	59	5		

Wir	Winter Wheat Condition by						
	Percent						
	VP	Р	F	G	EX		
AR	10	12	29	37	12		
CA	0	5	10	55	30		
со	4	9	27	46	14		
ID	1	11	44	34	10		
IL	1	1	11	60	27		
IN	1	4	19	63	13		
KS	3	9	25	52	11		
МІ	1	5	31	52	11		
мо	0	10	39	45	6		
МТ	4	20	33	34	9		
NE	2	8	31	50	9		
NC	2	13	38	43	4		
ОН	0	2	22	56	20		
ок	3	10	27	54	6		
OR	43	27	19	10	1		
SD	23	31	34	12	0		
тх	10	22	44	20	4		
WA	8	28	49	14	1		
18 Sts	6	14	31	41	8		
Prev Wk	6	14	32	40	8		
Prev Yr	5	12	31	43	9		

Week Ending June 20, 2021

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

Oats Percent Headed							
	Prev	Prev	Jun 20	5-Yr			
	Year	Week	2021	Avg			
IA	67	56	74	69			
MN	47	27	51	37			
NE	82	70	83	77			
ND	5	2	10	15			
ОН	71	45	76	63			
PA	31	7	27	50			
SD	49	54	74	53			
ТХ	100	100	100	100			
WI	37	41	60	35			
9 Sts	56	50	63	57			
These 9 States planted 72%							
of last year's oat acreage.							

Oat Condition by									
Percent									
	VP	Р	F	G	EX				
IA	2	6	38	48	6				
MN	6	14	39	39	2				
NE	2	5	35	51	7				
ND	11	26	37	25	1				
ОН	0	2	25	69	4				
PA	0	1	36	42	21				
SD	8	26	44	22	0				
тх	10	30	40	17	3				
WI	1	4	21	57	17				
9 Sts	6	18	37	34	5				
Prev Wk	5	15	38	36	6				
Prev Yr	2	6	27	55	10				

Spring Wheat Percent Headed							
	Prev	Prev	Jun 20	5-Yr			
	Year	Week	2021	Avg			
ID	29	8	22	27			
MN	11	19	62	23			
МТ	4	1	14	6			
ND	5	2	18	13			
SD	41	45	64	46			
WA	55	23	54	53			
6 Sts	11	8	27	18			
These 6 States planted 100%							
of last year's spring wheat acreage.							

of last year's spring wheat acreage.

Spring Wheat Condition by								
Percent								
	VP	Ρ	F	G	EX			
ID	0	14	59	18	9			
MN	4	13	35	45	3			
МТ	4	14	39	40	3			
ND	23	27	31	18	1			
SD	14	25	56	5	0			
WA	23	43	24	10	0			
6 Sts	15	22	36	25	2			
Prev Wk	9	18	36	34	3			
Prev Yr	1	3	21	68	7			

	Pasture and Range Condition by Percent										
			V	Veek E	Indi	<u>າg Jun 20, </u>	2021				
	VP	Ρ	F	G	EX		VP	Р	F	G	EX
AL	1	3	8	83	5	NH	0	14	70	11	5
AZ	67	23	7	3	0	NJ	0	0	4	96	0
AR	1	9	32	45	13	NM	31	32	20	12	5
СА	20	25	35	20	0	NY	1	9	18	53	19
со	0	16	32	35	17	NC	1	13	53	30	3
СТ	0	0	50	50	0	ND	31	35	25	9	0
DE	1	4	34	46	15	ОН	0	3	14	76	7
FL	2	8	31	46	13	ОК	1	5	26	60	8
GA	2	9	31	51	7	OR	35	29	26	9	1
ID	5	15	49	31	0	PA	0	11	18	47	24
IL	2	4	27	43	24	RI	0	5	85	10	0
IN	2	6	24	58	10	SC	0	8	20	49	23
IA	7	18	38	34	3	SD	21	40	31	7	1
KS	1	6	29	56	8	TN	1	6	28	56	9
KY	1	3	18	57	21	тх	12	15	26	33	14
LA	0	12	34	52	2	UT	28	47	24	1	0
ME	0	0	39	61	0	VT	0	0	0	35	65
MD	7	7	22	57	7	VA	2	11	43	43	1
MA	0	10	80	10	0	WA	46	25	21	8	0
МІ	6	19	41	32	2	wv	3	10	30	51	6
MN	11	23	49	17	0	wi	3	12	24	46	15
MS	1	5	27	59	8	WY	20	31	34	14	1
мо	0	3	29	60	8	48 Sts	18	21	29	26	6
МТ	26	28	30	16	0						
NE	3	9	59	26	3	Prev Wk	x 16	20	29	28	7
NV	35	25	40	0	0	Prev Yr	9	16	32	38	5

VP - Very Poor;

P - Poor;

G - Good;

EX - Excellent

NA - Not Available;

F - Fair;

*Revised

Week Ending June 20, 2021

Week Ending June 20, 2021

Week Ending June 20, 2021

International Weather and Crop Summary

June 13-19, 2021

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

HIGHLIGHTS

EUROPE: Locally heavy rain in western and eastern crop areas contrasted with hot, dry conditions in central Europe.

WESTERN FSU: Moderate to heavy showers continued, maintaining adequate to excessive moisture supplies for reproductive to filling winter grains and oilseeds.

EASTERN FSU: Despite some much-needed showers, long-term drought continued to afflict spring grains in the north and maintain high irrigation demands for cotton in the south.

MIDDLE EAST: Widespread showers in Turkey further eased drought, though rain continued to bypass southern and southeastern portions of the country.

SOUTH ASIA: The rapid onset pace of the southwest monsoon brought widespread showers to most major crop areas in India.

EASTERN ASIA: Rainfall maintained or improved soil moisture for vegetative corn and soybeans in northeastern China.

SOUTHEAST ASIA: Wet weather in Thailand and environs further improved moisture supplies for rice, while drier weather prevailed in the Philippines..

AUSTRALIA: Welcome rain continued to fall across the southeast.

ARGENTINA: Dry weather supported seasonal fieldwork in nearly all major farming areas.

BRAZIL: Warmth and dryness promoted early corn and cotton harvesting, but moisture was limited for immature crops in the south.

MEXICO: Beneficial rain returned to the southern plateau corn belt.

CANADIAN PRAIRIES: Unseasonable warmth promoted rapid growth of spring crops after last week's beneficial rain.

SOUTHEASTERN CANADA: Eastern farming areas received much-needed rainfall for summer crops and forage.

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EUROPE

Locally heavy rain in western and eastern crop areas contrasted with hot, dry conditions in central portions of the continent. An area of high pressure maintained sunny skies and abovenormal temperatures over Europe; temperatures averaged up to 8° C above normal, with daytime highs well into the middle 30s (degrees C). The hottest conditions were noted in eastern Germany, where peak daytime readings as high as 37° C accelerated winter grains and oilseeds toward maturity but were largely inconsequential for vegetative summer crops. The hot, dry conditions eased developmental delays brought on by a very cool spring and were generally favorable for winter crops, although short-term dryness (30-day rainfall less than 50 percent of normal) has developed from eastern Germany eastward into central Poland and southeastward into the northern Balkans. Farther west, a slow-moving storm system and its associated cold front produced widespread moderate to heavy showers (10-85 mm) over the western third of the continent, easing localized short-term dryness in Spain and improving moisture supplies for vegetative summer crops. Similarly, a westward-drifting disturbance triggered locally heavy showers (10-85 mm) in Romania and Bulgaria, maintaining excellent prospects for filling winter grains and oilseeds while sustaining favorable early-season conditions for vegetative summer crops.

Widespread moderate to heavy rainfall maintained abundant moisture supplies for filling winter grains and oilseeds, though drier weather is needed as crops approach maturity. A sprawling slow-moving storm system produced another round of moderate to heavy showers and thunderstorms (10-75 mm, locally more) from Moldova and Ukraine into southern and western Russia. Prospects for winter wheat, barley, and rapeseed remained excellent, though drier weather is needed to maintain crop quality and limit disease potential. Rainfall since April 1 has been the highest of the past 30 years across many of the Black Sea Region's crop areas, with precipitation over the last 90 days approaching or topping 200 percent of normal from south-central Ukraine eastward into northern portions of Russia's Southern District. The ongoing wet weather has also maintained good early-season prospects for vegetative corn, soybeans, and sunflowers but slowed or inhibited seasonal fieldwork. Temperatures averaged near normal near the Black Sea, while warm conditions (2-4°C above normal) were reported away from the coast.

EASTERN FSU

Despite some welcome showers, severe long-term drought maintained a firm grip over most of the region. Another cold front swept across the spring grain belt of northern Kazakhstan and central Russia, providing highly variable albeit still beneficial showers (1-20 mm). However, heavier and more consistent rainfall will be needed to reverse the severe drought that has gripped the north since spring, especially in Kazakhstan where the recent regional uptick in rainfall has been disappointing. As of June 20, precipitation since April 1 remained the lowest of the past 30 years in Russia's central Forest Region (southeastern Urals District into the western Siberia District), the Kostanay Region of northwestern Kazakhstan, as well as Kazakhstan's eastern provinces of Pavlodar and East Kazakhstan. Widespread soaking rain is needed soon to stave off potentially significant crop losses from this season's protracted severe drought. In the south, a welcome respite from recent scorching heat was timely for cotton, which was approaching or entering the flowering stage of development up to a week ahead of average. Long-term drought remained entrenched across the primary croplands of the cotton belt, though the rainy season has largely ended. However, late-season rains were observed in the watersheds of the Syr Darya River (Kyrgyzstan and environs), improving irrigation prospects for more northerly cotton growing areas.

Cool, wet weather in western and northern Turkey contrasted with intensifying drought in southern and eastern portions of the country. Moderate to heavy showers and thunderstorms (10-70 mm) across western and northern Turkey favored vegetative sunflowers, corn, and cotton. Furthermore, temperatures up to 4°C below normal in these same locales maintained nearly ideal conditions for summer crop Conversely, sunny skies prevailed across development. southern and eastern portions of the country, maintaining drought and high irrigation requirements for vegetative corn

and cotton. The GAP Region of southeastern Turkey has a distinct wet season (water year) which runs from October through May; the 2020-21 water year completely shut down by late March, with precipitation since April 1 totaling the lowest of the past 30 years from the Mediterranean Coast into eastern Turkey's Armenian Highlands. The latter are a vital water source for summer crop irrigation. Elsewhere, seasonably sunny skies and near- to above-normal temperatures (up to 5°C above normal in Iran) facilitated winter grain drydown and harvesting from Syria into central and southern Iran.

SOUTH ASIA Total Precipitation (mm) June 13 - 19, 2021

SOUTH ASIA

The southwest monsoon accelerated northward in India, bringing widespread showers to nearly all major crop areas. The only exceptions were northwestern India and the seasonally drier southeast. Typically, monsoon showers reach northern India by late June or early July but arrived 7 to 10 days earlier than normal. As such, key cotton and oilseed areas in western and central India as well as rice areas in the north and east received 25 to 100 mm (locally more). The early rainfall provided a boost to moisture supplies and encouraged growers to begin sowing ahead of schedule. Additionally, Bangladesh recorded heavy showers (50-200 mm or more), supporting summer (aman) rice, while light showers (10-25 mm) were reported in Pakistan ahead of the onset of the monsoon.

EASTERN ASIA

A relatively dry start to the week gave way to showers throughout northeastern and eastern China, boosting soil moisture for vegetative summer crops. In the northeast, 25 to locally almost 100 mm of rain aided corn and soybeans, particularly in the western prefectures. In particular, the moisture was welcome in neighboring sections of Inner Mongolia, where rainfall has been well below average for the start of the summer growing season. Showers (25-100 mm or more) were also prevalent on the North China Plain and northern portions of the Yangtze Valley. The wet weather slowed lingering wheat harvesting and was unfavorable for the remaining unharvested crop, however the moisture was welcome for summer crop development. In contrast to the wetness of the east and northeast, hot (7-day average temperatures over 30°C), dry weather occurred in the south and southeast. While the conditions favored ripening early-crop rice, the heat coupled with short-term dryness stressed vegetative summer crops and further reduced moisture supplies for the upcoming sowing of late-crop rice. Meanwhile, in western China, seasonably warm weather continued to promote good to excellent growing conditions for cotton. Elsewhere in the region, rainfall (25-100 mm) returned to the southern half of Japan, supporting rice, but lighter-than-normal showers (less than 25 mm) were reported on the Korean Peninsula.

Monsoon showers prevailed across Thailand and environs, with rainfall totals bolstered by a weakening tropical cyclone (Koguma) moving across the north early in the period. Most areas recorded 25 to 100 mm of rain, improving moisture supplies for irrigated rice. Despite some pockets of dry weather for rainfed rice in portions of northeastern Thailand, short-term moisture conditions remained favorable. Meanwhile, showers were lighter than usual (less than 25 mm) across the Philippines, leaving most districts with belowaverage June rainfall thus far. Elsewhere, wet weather in oil palm areas of Malaysia and Indonesia sustained adequate to abundant soil moisture for trees and good yield prospects.

Scattered showers (5-15 mm, locally more) in Western Australia, southern Queensland, and northern New South Wales continued to favor winter crop emergence and establishment and helped sustain good to excellent earlyseason yield prospects. Temperatures averaged 1 to 2°C below normal in the west and near normal in the northeast. Elsewhere in the wheat belt, widespread showers (10-25 mm, locally more) continued to fall across most of South Australia, Victoria, and southern New South Wales, spurring winter crop development. As a result of rainfall during the past two weeks,

precipitation since May 1 has averaged near to slightly above normal in South Australia and southern New South Wales, further filling the soil moisture profile for recently planted wheat, barley, and canola. A pocket of drier-than-normal weather persisted in northwestern Victoria, however, where rainfall averaged about 60% of normal during the same time period. More rain would be welcome in this latter region to help improve local crop prospects. Temperatures averaged 2 to 3°C above normal in southeastern Australia, somewhat accelerating the pace of crop development.

ARGENTINA

Dry weather continued throughout much of the region, favoring a continuation of seasonal fieldwork that included

winter grain planting. Except for light to moderate showers (5-25 mm) concentrated over western Cordoba and in the vicinity of eastern Paraguay, little to no rain fell, with complete dryness over the lower Parana River Valley (northern Buenos Aires, Entre Rios, and eastern Santa Fe). Cold weather accompanied the dryness, with weekly temperatures averaging 1 to 3°C below normal and daytime

highs ranging from the upper 10s (degrees C) in southern Buenos Aires to the upper 20s farther north. In addition, nighttime lows dropped below -2°C in La Pampa and Buenos Aires, further slowing growth of emerging winter grains. According to the government of Argentina, corn was 58 percent harvested as of June 17, lagging last year by 20 points, and cotton was 68 percent harvested (92 percent last year). In addition, wheat and barley were both 47 percent planted, respectively.

BRAZIL

BRAZIL

Dry weather dominated nearly all major agricultural areas, with only localized relief from dryness in regions that typically receive rainfall in June. In the Center-West Region and northeastern interior (Mato Grosso and Mato Grosso do Sul northeastward into Piaui and environs), the dryness was seasonable and accompanied by near- to abovenormal temperatures (daytime highs reaching the middle and upper 30s degrees C), fostering rapid maturation of late-planted second-season crops. According to the government of Mato Grosso, corn was 4 percent harvested as of June 19, compared with the 5-year average of 15 percent. Farther south, several climatologically wetter states also continued to experience dryness, limiting moisture for late-maturing summer crops and wheat. According to the government of Parana, which recorded varying amounts of rainfall (locally greater than 25 mm), 20 percent of second-crop corn was still in vegetative to reproductive stages of development, with most of the remainder filling to maturing; wheat was 85 percent planted. Unseasonably cool weather accompanied the southern dryness, but temperatures stayed above freezing, posing no threat to immature corn.

MEXICO

Showers returned to much of the southern plateau corn belt, providing timely moisture for emerging to vegetative summer crops. Some of the recorded moisture arrived in advance of Tropical Storm Dolores, which made landfall along the coast of Michoacán on June 19 with sustained winds of about 60 knots. Most locations from Jalisco to Puebla recorded 10 to 75 mm, with locally higher amounts embedded in those areas. The storm generated heavier rainfall (100-200 mm) in coastal areas of Michoacán and Guerrero, and the remnants of Dolores were producing locally heavy showers over Zacatecas and

Durango on June 20 (*additional information will appear in next week's bulletin*). Elsewhere, heavy rain (locally greater than 200 mm) fell throughout the Southeast, extending northward through Veracruz. Showers also returned to the northeast (Coahuila to Tamaulipas), but were lighter (only locally reaching above 50 mm) and widely scattered. Showers were also sparse in the northwestern watersheds (notably Sinaloa and eastern Sonora), where unseasonable heat (highs reaching the middle 40s degrees C) stressed livestock and elevated moisture losses to evaporation.

CANADIAN PRAIRIES

Dry, occasionally hot weather overspread the southern and eastern Prairies, spurring rapid growth of spring grains and oilseeds while stressing some emerged crops. Rainfall totaled below 10 mm from southern Alberta to Manitoba, with higher amounts in Alberta's northwestern farming areas and at the northern edge of Saskatchewan's farmlands. Except for the Peace River Valley, where weekly average temperatures were within 1°C of normal, temperatures averaged 1 to 4°C above normal; the highest anomalies were concentrated in the southwest, where an early-week heat wave pushed daytime highs into the middle and upper 30s (degrees C). Although temperatures moderated during the latter parts of the week, with highs generally capped in the lower and middle 20s, additional rain will be needed soon across the Prairies as spring and summer crops approach reproductive stages of development.

SOUTHEASTERN CANADA

Much-needed rain fell in eastern agricultural districts, but unfavorably dry conditions continued farther west. Rainfall totaled 10 to 50 mm in Quebec and Ontario's farming areas, with lighter amounts (locally below 10 mm) farther west, in farmlands between Lakes Erie, Ontario, and Huron. Weekly temperatures averaged within 1°C of normal across the region, with daytime highs reaching the upper 20s (degrees C) regionwide. While the mild, sunny weather in Ontario's western and central crop districts favored developing wheat and pastures, additional rain will be needed as corn, soybeans, and other crops advance toward reproduction.

U.S. Crop Production Highlights

The following information was released by USDA's Agricultural Statistics Board on June 10, 2021. Forecasts refer to June 1.

Winter wheat production is forecast at 1.31 billion bushels, up 2 percent from the May 1 forecast and up 12 percent from 2020. The U.S. yield is forecast at 53.2 bushels per acre, up 1.1 bushels from last month and up 2.3 bushels from last year's average yield of 50.9 bushels per acre (figure 1).

Hard Red Winter production, at 771 million bushels, is up 6 percent from last month. Soft Red Winter, at 335 million bushels, is up 1 percent from the May forecast. White Winter, at 202 million bushels, is down 8 percent from last month. Of the White Winter production, 15.4 million bushels are Hard White and 187 million bushels are Soft White.

The **U.S. all orange** forecast for the 2020-2021 season is 4.50 million tons, up 1 percent the previous forecast but down 14 percent from the 2019-2020 final utilization.

The Florida all orange forecast, at 52.7 million boxes (2.37 million tons), is up 2 percent from the previous forecast but down 22 percent from last season. In Florida, early, midseason, and Navel varieties are forecast at 22.7 million boxes (1.02 million tons), unchanged from the previous fore-

cast but down 23 percent from last season. The Florida Valencia orange forecast, at 30.0 million boxes (1.35 million tons), is up 3 percent from the previous forecast but down 21 percent from 2020. California and Texas orange production forecasts were carried forward from the previous forecast.

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