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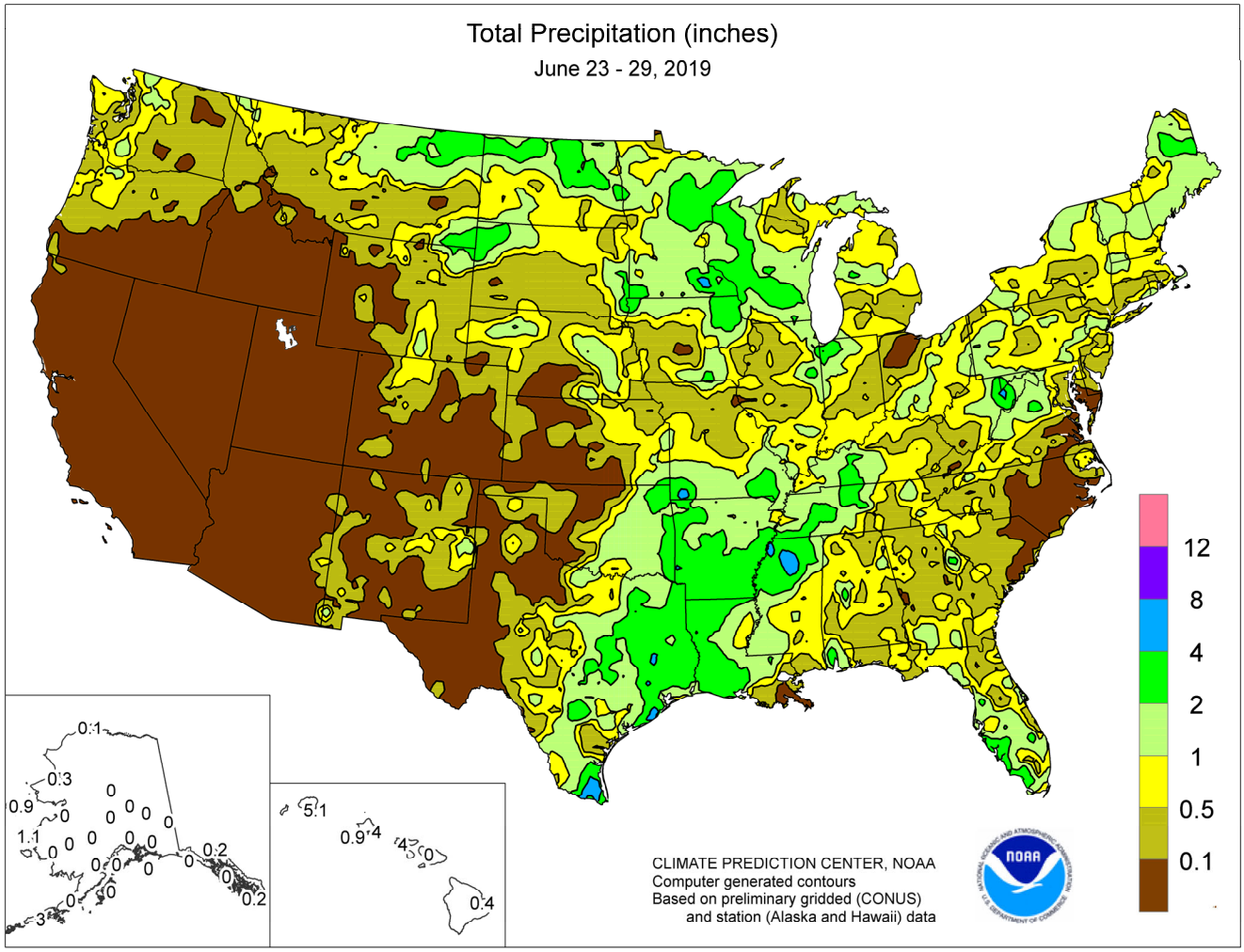
WEEKLY WEATHER AND CROP BULLETIN

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
June 23 – 29, 2019

Highlights provided by USDA/WAOB

Heavy rain finally shifted away from the **southern and eastern Corn Belt**, allowing late-season planting efforts to resume from **Missouri to Michigan and Ohio**. However, heavy showers and locally severe thunderstorms erupted across the **upper Midwest**, causing pockets of flash flooding. Heavy showers also soaked parts of the **western Gulf Coast region** and the **mid-South**, limiting winter wheat harvest activities and other fieldwork. In contrast, mostly dry weather prevailed across the **southern Mid-Atlantic region** and the **central and southern High**

(Continued on page 5)

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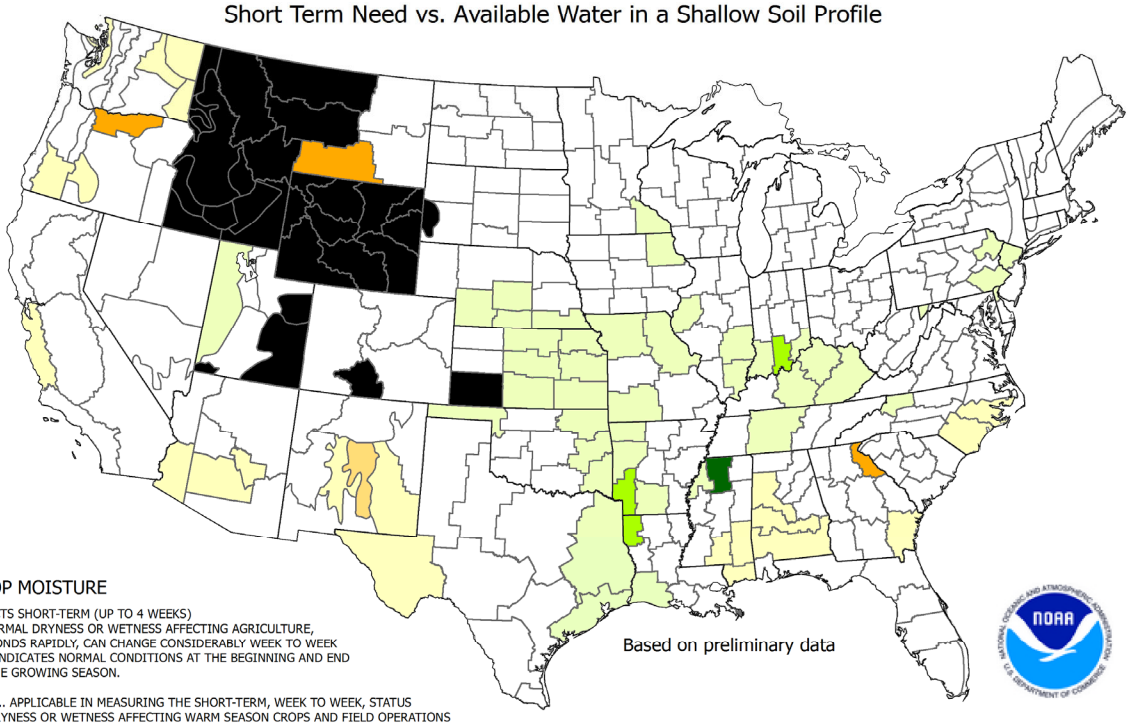
Crop Moisture Index by Division
Weekly Value for Period Ending Jun 29, 2019
Short Term Need vs. Available Water in a Shallow Soil Profile



Based on preliminary data

CROP MOISTURE

DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.

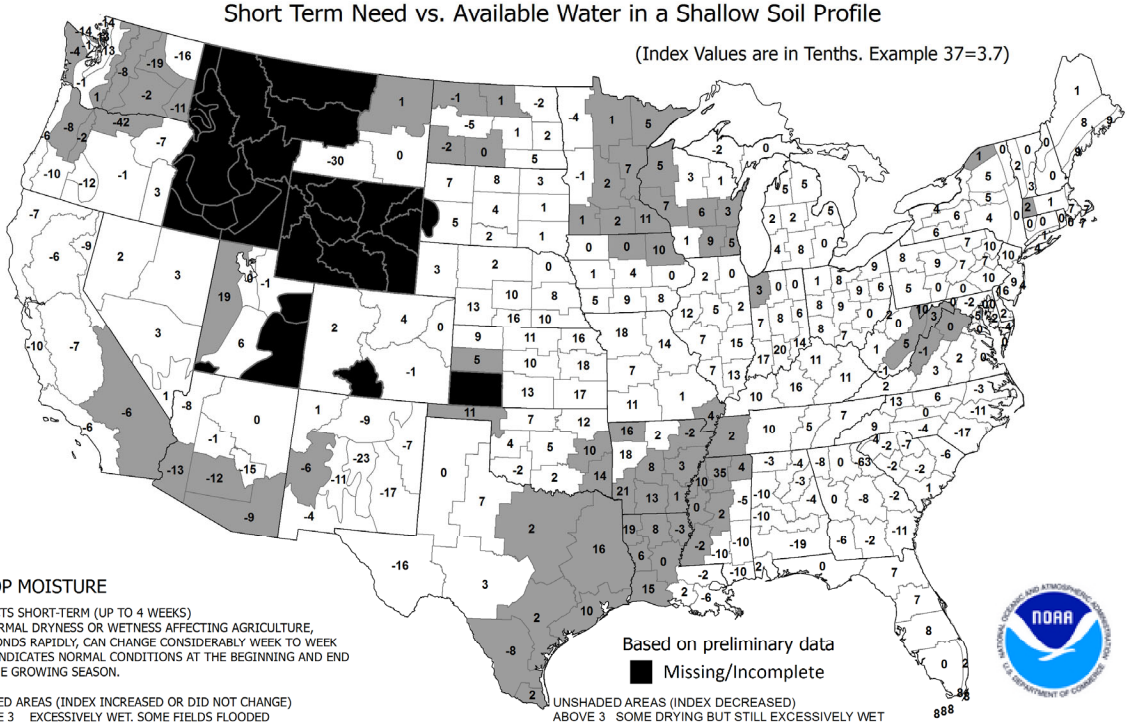
USES... APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS

LIMITATIONS... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A SHALLOW SOIL PROFILE,OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F.IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.

- -3.0 or less (Severly Dry)
- -2.0 to -2.9 (Excessively Dry)
- -1.0 to -1.9 (Abnormally Dry)
- -0.9 to +0.9 (Slightly Dry/Favorably Moist)
- +1.0 to +1.9 (Abnormally Moist)
- +2.0 to +3.0 (Wet)
- 3.0 and above (Excessively Wet)
- Missing/Incomplete

Crop Moisture Index by Division
Weekly Value for Period Ending Jun 29, 2019
Short Term Need vs. Available Water in a Shallow Soil Profile

(Index Values are in Tenths. Example 37=3.7)



Based on preliminary data

Missing/Incomplete

CROP MOISTURE

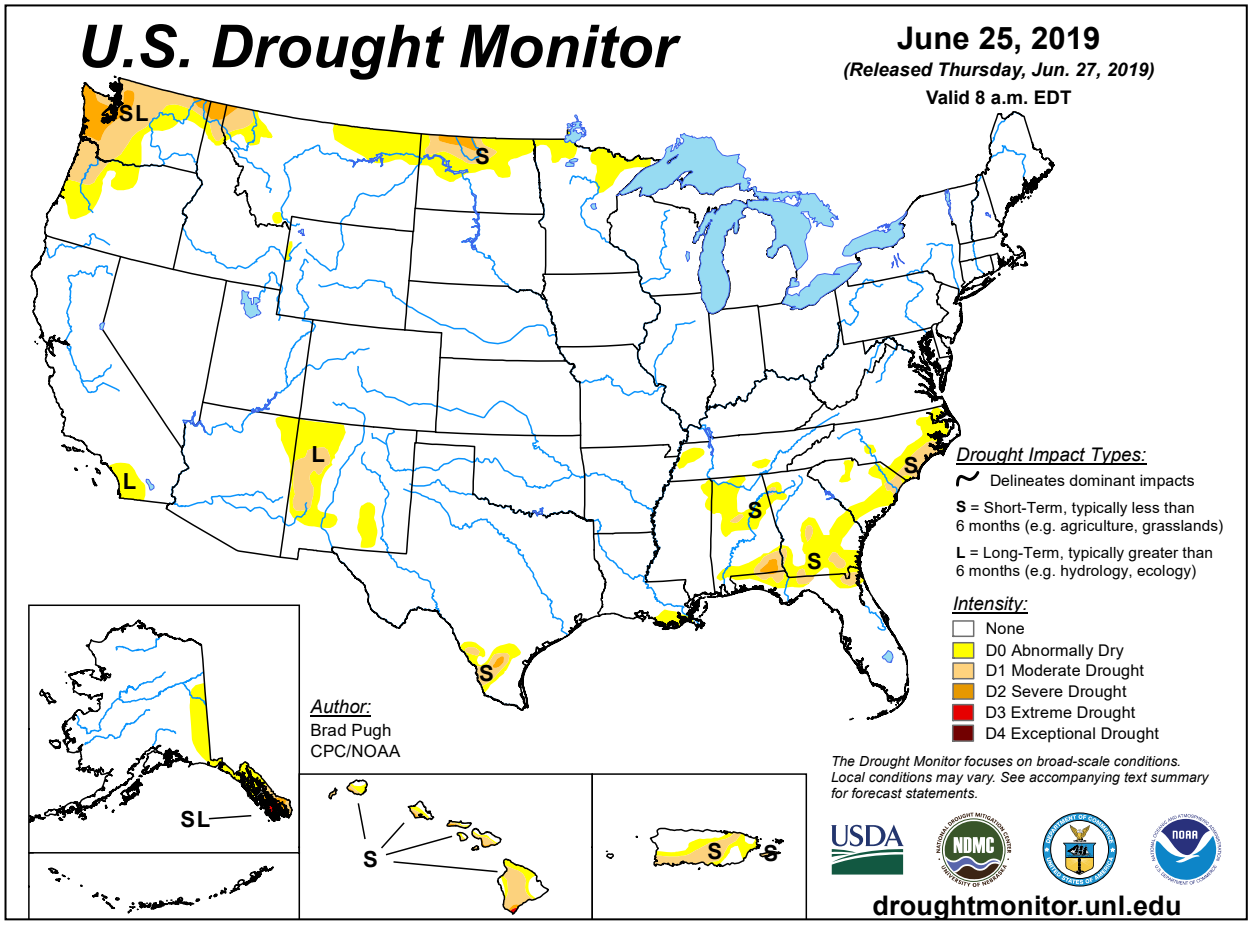
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.

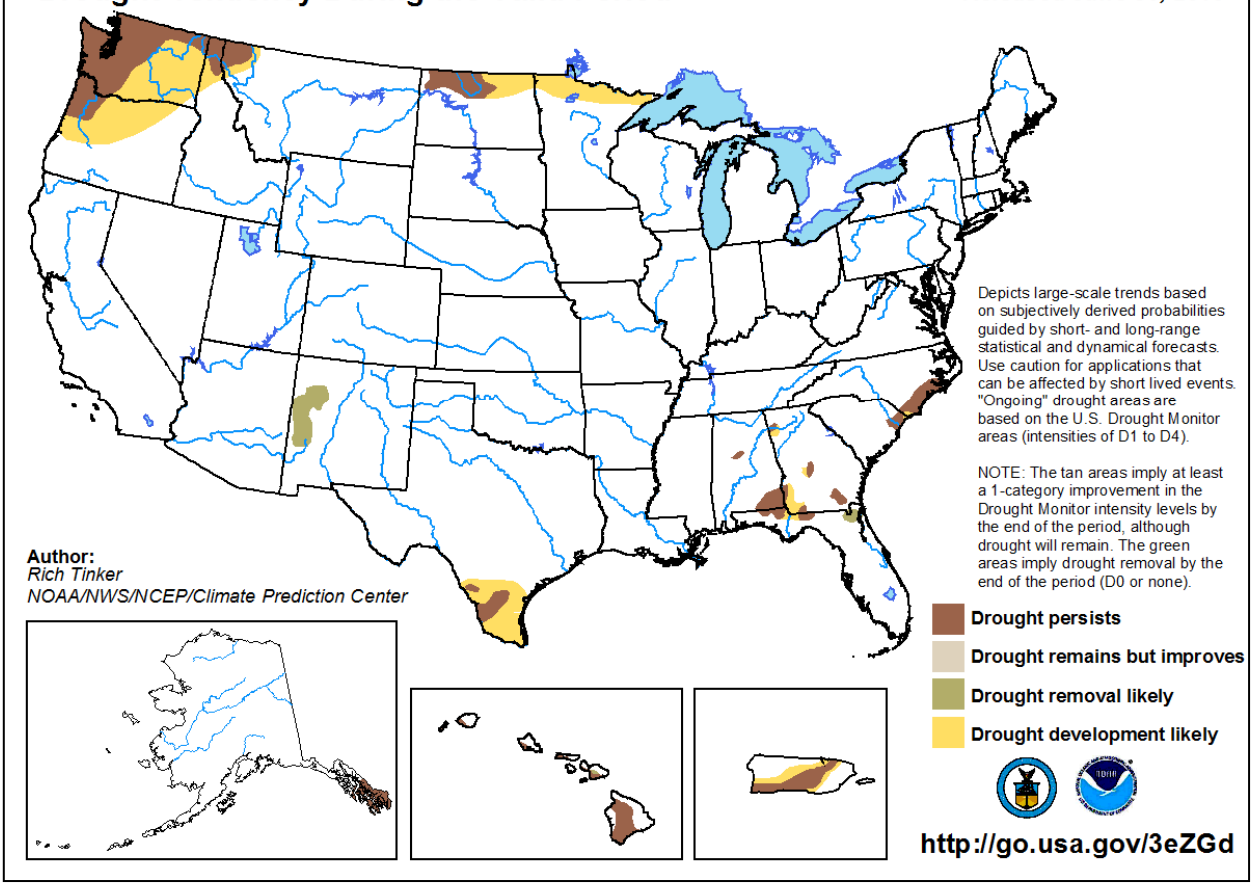
SHADED AREAS (INDEX INCREASED OR DID NOT CHANGE)

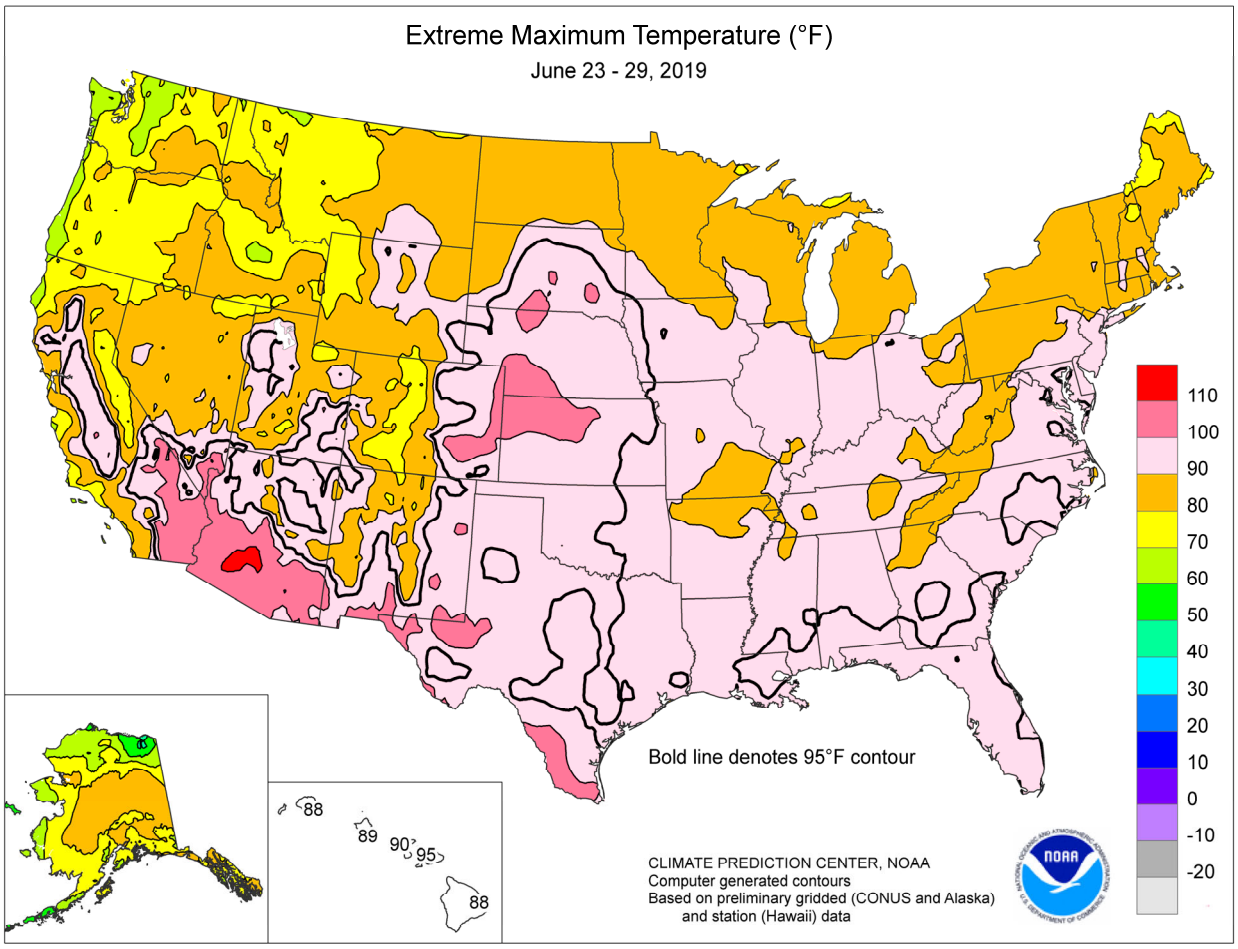
ABOVE 3	EXCESSIVELY WET. SOME FIELDS FLOODED
2 TO 3	TOO WET. SOME STANDING WATER
1 TO 2	SOME FIELDS TOO WET, PROSPECTS ABOVE NORMAL
0 TO 1	MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1	PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2	SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3	DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4	SEVERE DRYNESS CONTINUES, MORE RAIN URGENTLY NEEDED
BELOW -4	NOT ENOUGH RAIN. EXTREMELY DRY

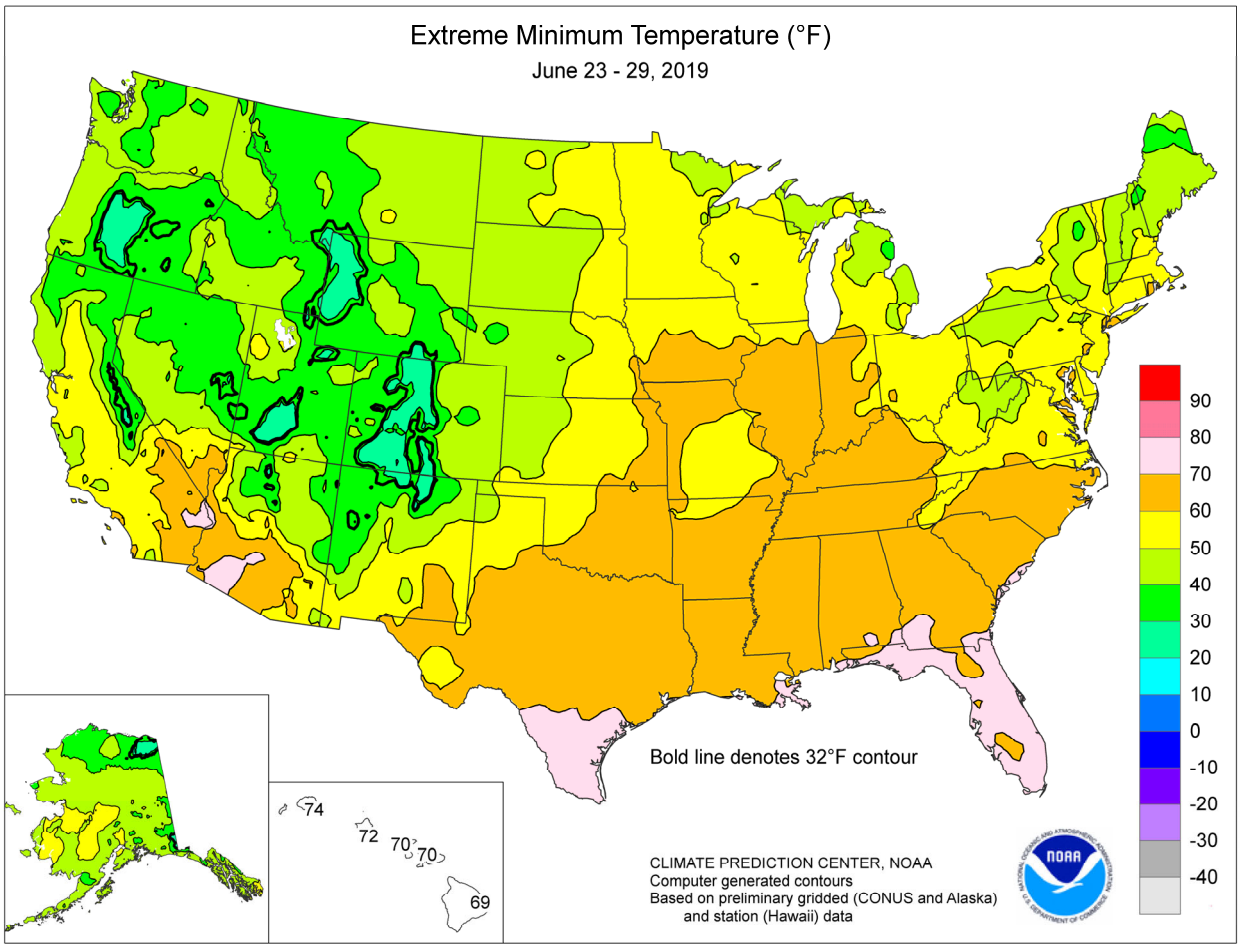
UNSHADED AREAS (INDEX DECREASED)

ABOVE 3	SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3	MORE DRY WEATHER NEEDED, WORK DELAYED
1 TO 2	FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1	FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1	TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2	ABNORMALLY DRY. PROSPECTS DETERIORATING
-2 TO -3	EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
-3 TO -4	POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4	EXTREMELY DRY. CROPS RUINED


U.S. Drought Monitor
June 25, 2019
(Released Thursday, Jun. 27, 2019)
Valid 8 a.m. EDT
SL
S
L
L
S
S
S
S
S
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
Author:
Brad Pugh
CPC/NOAA
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.
USDA
NDMC
droughtmonitor.unl.edu

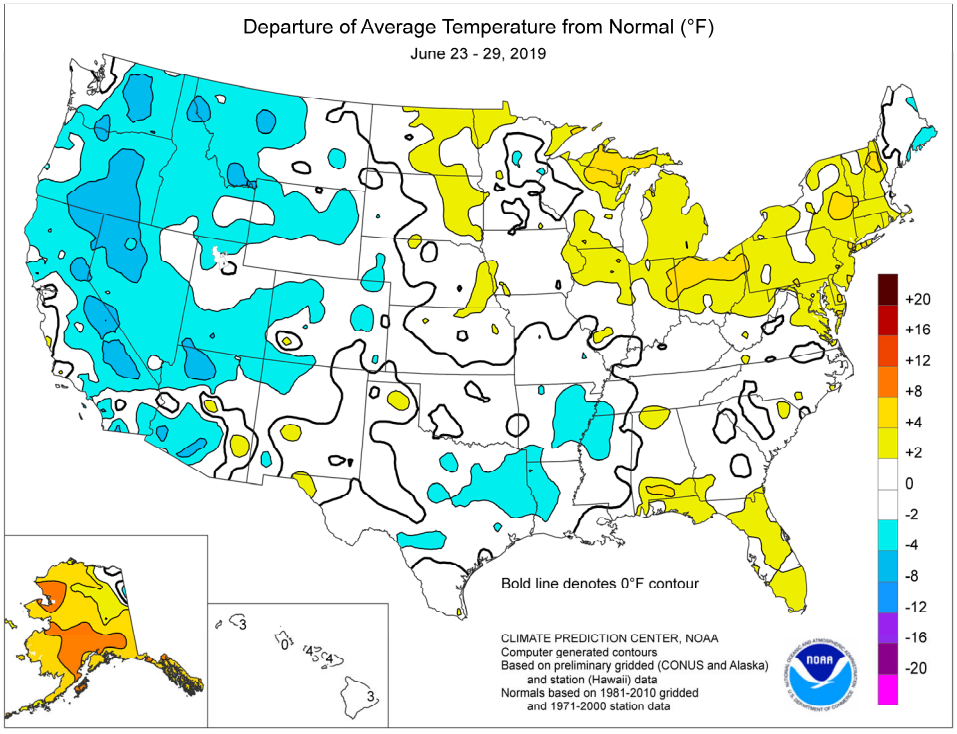

U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for July 2019
Released June 30, 2019
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).
Drought persists
Drought remains but improves
Drought removal likely
Drought development likely
Author:
Rich Tinker
NOAA/NWS/NCEP/Climate Prediction Center
http://go.usa.gov/3eZGd


Extreme Maximum Temperature (°F)
June 23 - 29, 2019
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
88
89
90
95
88
Bold line denotes 95°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data


Extreme Minimum Temperature (°F)
June 23 - 29, 2019
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
74
72
70
70
69
Bold line denotes 32°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data

(Continued from front cover)

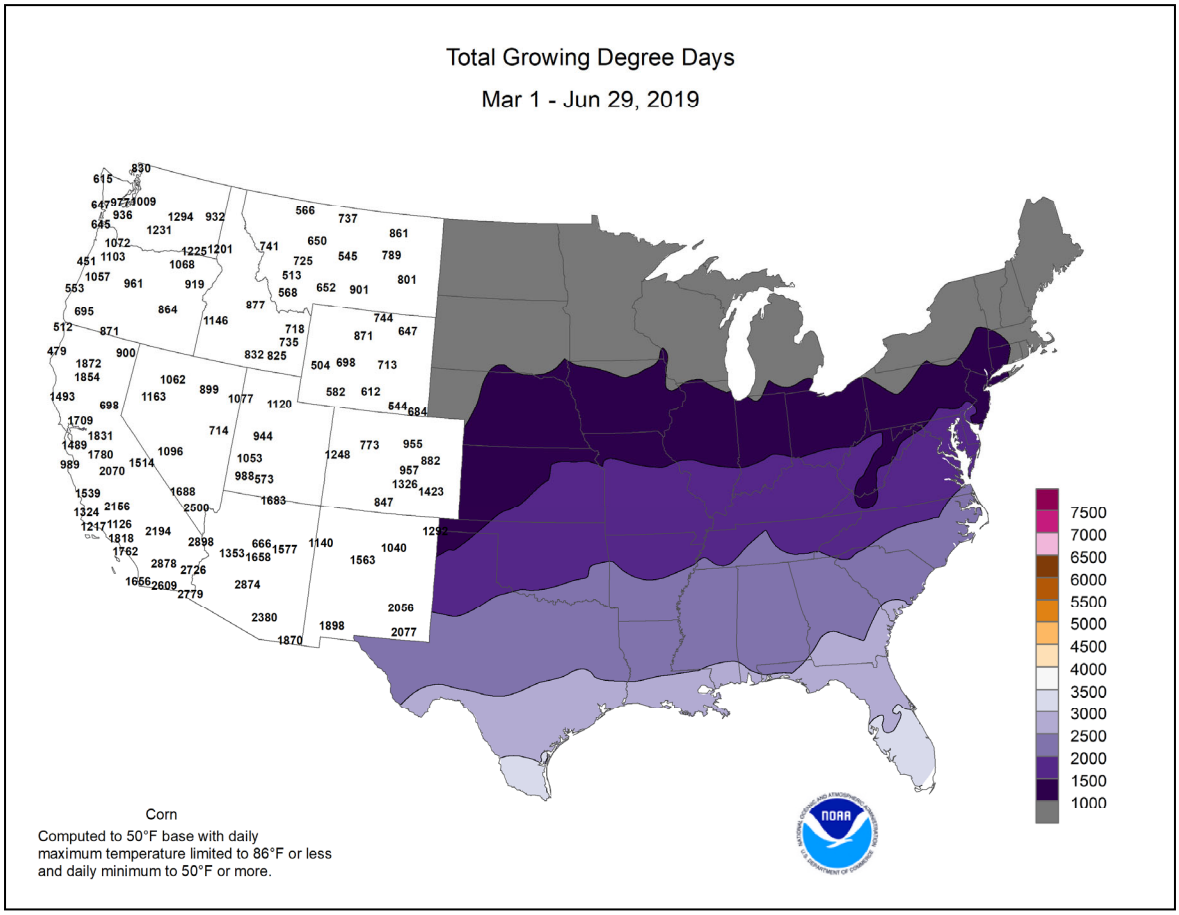
Plains. As a result, the winter wheat harvest accelerated on the **High Plains** as far north as **Kansas**. In parts of the **lower Southeast**, drought remained a concern with respect to the condition of pastures and summer crops. Some drought persisted across the **western half of the nation's northern tier**, although occasional showers provided relief in **Montana** and **North Dakota**. Isolated showers dotted the **Pacific Northwest** and the **Rockies**, but dry weather and near- or slightly below-normal temperatures covered the remainder of the **West**, promoting fieldwork. In fact, significantly above-normal temperatures were confined to **Florida's peninsula** and portions of the **Great Lakes and Northeastern States**. In the **Midwest**, however, warmer weather benefited developmentally delayed corn and soybeans, although exceptionally late planting will make those delays difficult to overcome.

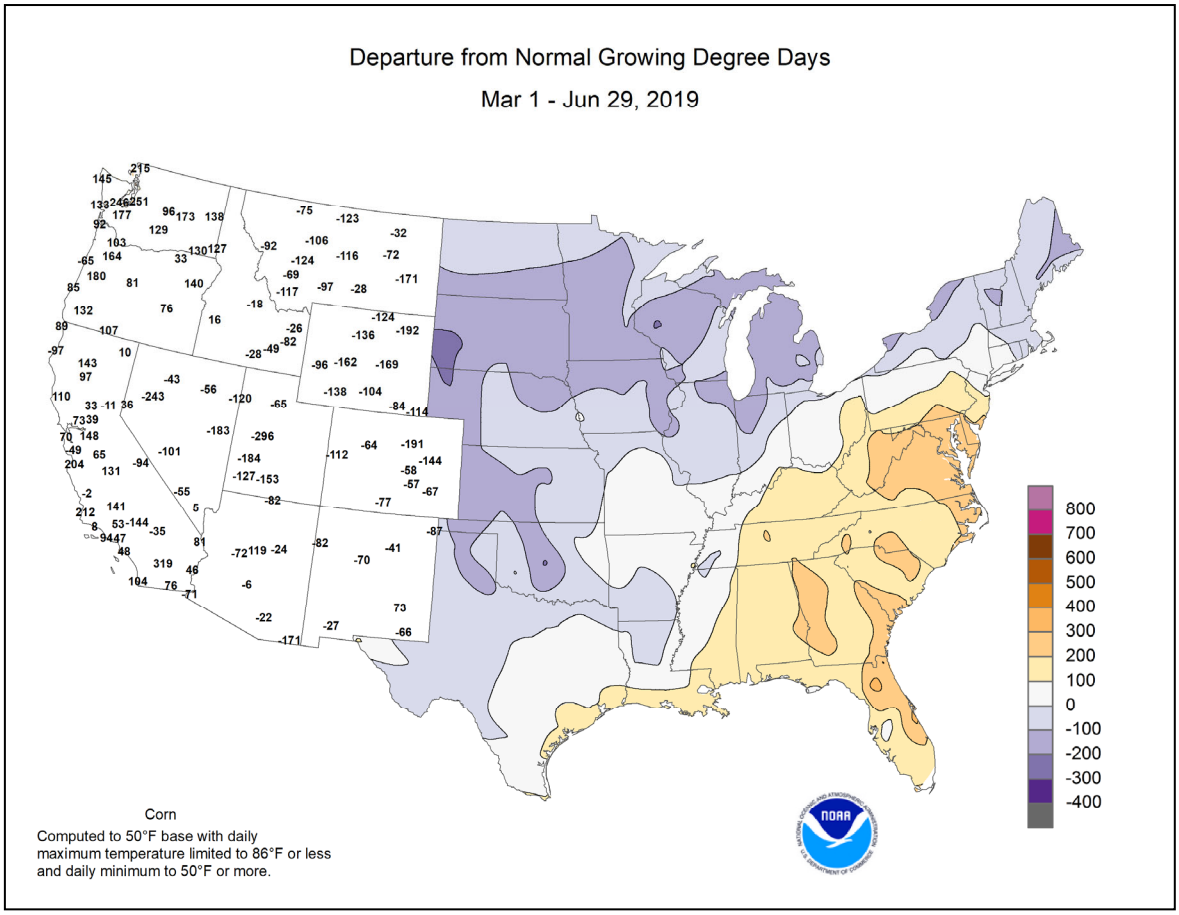


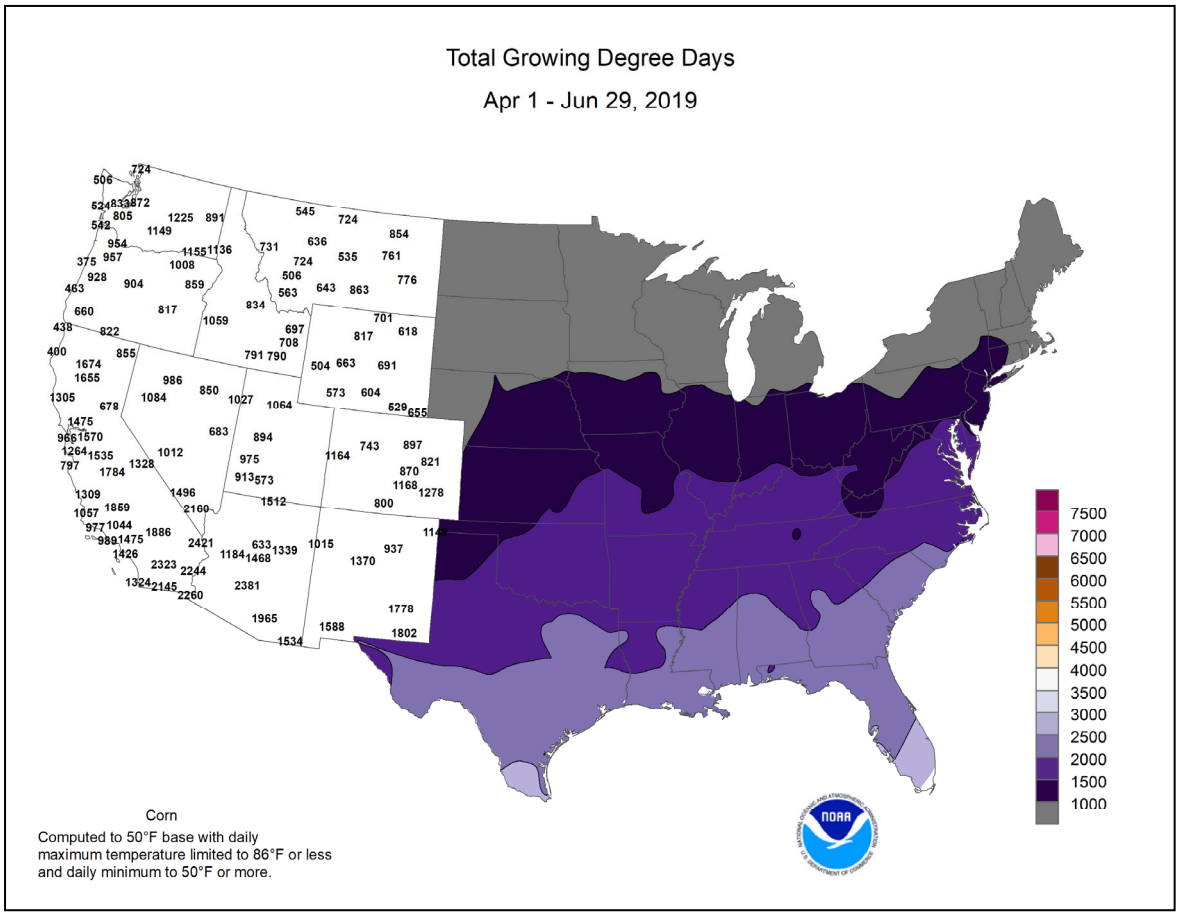
Early in the week, chilly conditions dominated the **Rockies** and **Intermountain West**. **Cortez, CO**, posted consecutive daily-record lows (32 and 34°F, respectively) on June 23-24. **Cedar City, UT**, opened the week on June 23 with a daily-record low of 34°F. Cool weather extended to the **Plains**, where record-setting lows for June 24 dipped to 43°F in **North Platte, NE**, and 45°F in **Dalhart, TX**. As the week progressed, additional **Western** daily-record lows included 30°F (on June 28) at the **Bryce Canyon Airport** in **Utah** and 31°F (on June 29) in **South Lake Tahoe, CA**. In contrast, hot, steamy weather gripped **Florida**, where **Miami** registered four consecutive daily-record highs (95, 98, 97, and 95°F) from June 23-26. **Miami's** high of 98°F tied a monthly record most recently achieved on June 22, 2009. On June 25, **Florida** locations such as **Fort Myers** and **Tampa** logged daily-record highs of 98°F. **Fort Myers** attained 98°F again on June 26. Elsewhere in **Florida** on the 26th, **Sarasota-Bradenton** (99°F) notched a daily-record high, while **Naples** (98°F) tied a monthly record previously set on June 6, 1985, and earlier dates. Elsewhere, late-week heat arrived on the **Plains**. Although no records were set, triple-digit temperatures spread as far north as **South Dakota**, where **Pierre** recorded a high of 100°F on June 29.

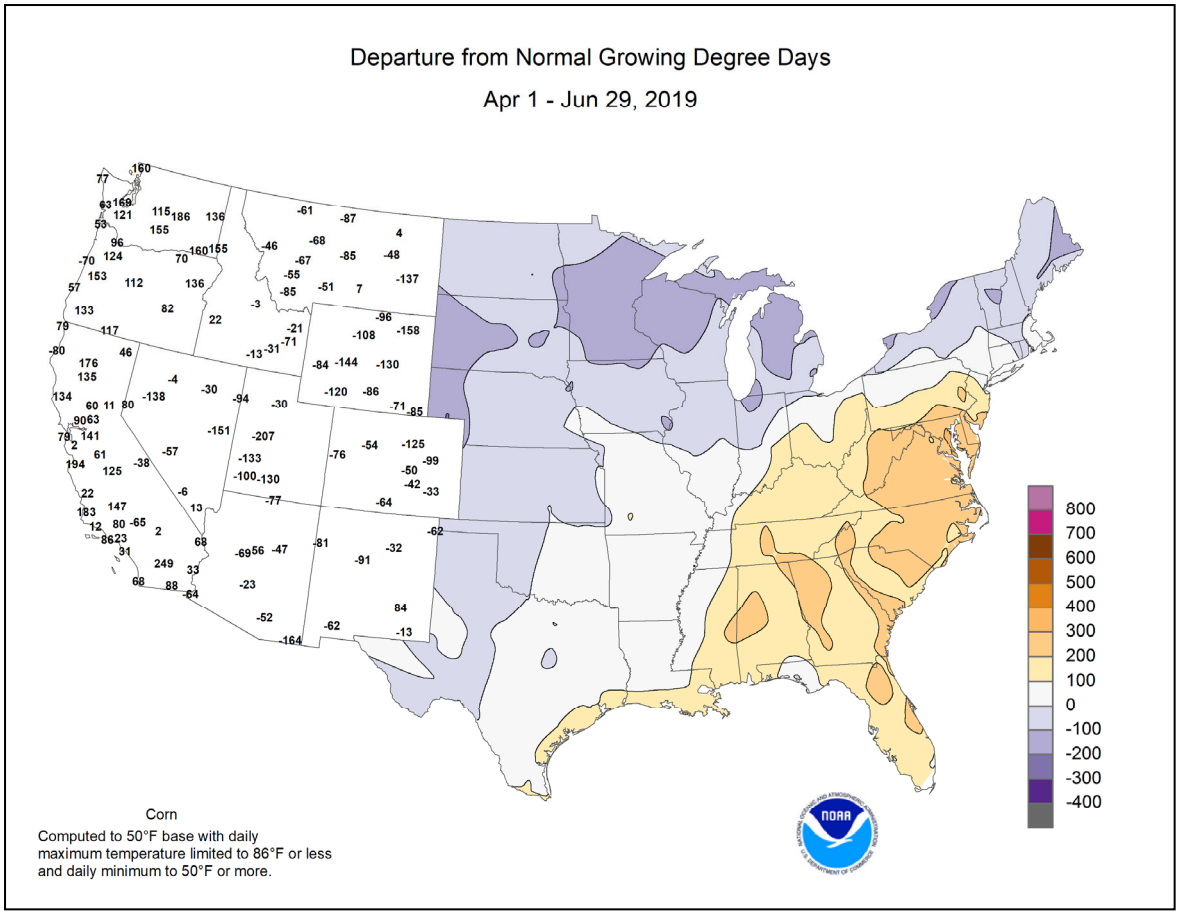
Despite an overall drier pattern, several rounds of heavy rain affected the **mid-South** and the **upper Midwest**. On June 23, daily-record rainfall totals included 4.27 inches in **Fayetteville, AR,** and 2.30 inches in **Greenville, MS**. The following day in **Deep South Texas**, record-setting totals for June 24 reached 3.30 inches in **McAllen** and 2.06 inches in **Brownsville**. A few days later, heavy showers developed across the **nation's northern tier**. At **Holter Dam** near **Helena, MT**, rainfall in a 24-hour period on June 26-27 totaled 2.50 inches. On the 28th, **Rochester, MN**, experienced its wettest June day on record, with a sum of 4.90 inches. Previously, **Rochester's** wettest June day had occurred on June 1, 2000, when 4.80 inches fell. Rain also fell in the **Pacific Northwest**, where **Bellingham, WA**, received a daily-record total (0.88 inch) for June 27. Late in the week, heavy showers returned across the **mid-South**. Daily-record rainfall totals were established on June 23 and 29 in locations such as **Texarkana, AR** (2.62 and 2.71 inches, respectively), and **Shreveport, LA** (2.06 and 1.03 inches).

By the end of June, more than three dozen active **Alaskan** wildfires had collectively charred more than 425,000 acres of vegetation. Mostly dry weather across **southern and interior Alaska**, accompanied by above-normal temperatures, contributed to wildfire expansion. With a daily-record high of 90°F on June 28, **McGrath** experienced its first 90-degree heat since June 16-18, 2013. **Anchorage** completed its warmest, driest June on record, with a monthly average temperature of 60.5°F (5.3°F above normal) and a precipitation total of 0.06 inch (6 percent of normal). Previous June records in **Anchorage** were 59.5°F in 2015 and 0.17 inch in 1993. From June 27-29, a trio of daily-record highs were established in **Anchorage** (79, 81, and 82°F) and **Juneau** (81, 85, and 84°F). However, heavy precipitation fell in parts of **western Alaska**. Daily-record rainfall totals were set on June 26 in locations such as **Cold Bay** (1.07 inches) and **Nome** (0.71 inch). **Cold Bay's** weekly rainfall reached 2.98 inches. Farther south, historically heavy summer rainfall occurred in **Hawaii** from **Oahu westward**, courtesy of a winter-like storm. On June 25-26, rainfall in **Honolulu, Oahu**, totaled 5.52 inches. **Honolulu's** monthly total of 5.68 inches (2,185 percent of normal) set a June record. Previously, 2.46 inches had fallen in **Honolulu** during June 1971, while an unofficial total of 4.26 inches had occurred in June 1913. Meanwhile, hot weather persisted from **Maui eastward**. **Kahului, Maui**, reached or exceeded the 90-degree mark on each of the last 10 days of the month, with daily-record highs of 95°F occurring on June 22 and 27. **Kahului** completed its hottest June on record, with an average temperature of 80.9°F (previously, 80.7°F in 1981).


Total Growing Degree Days
Mar 1 - Jun 29, 2019
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
Mar 1 - Jun 29, 2019
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Total Growing Degree Days
Apr 1 - Jun 29, 2019
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
Apr 1 - Jun 29, 2019
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

National Weather Data for Selected Cities

Weather Data for the Week Ending June 29, 2019

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE ˚F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. ˚F		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE 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
AL	BIRMINGHAM	90	71	91	67	80	2	0.05	-0.86	0.05	4.75	134	28.94	100	89	49	4	0	1	0
	HUNTSVILLE	93	70	94	67	82	4	0.21	-0.73	0.21	1.67	41	36.60	118	92	53	7	0	1	0
	MOBILE	93	72	97	69	82	2	2.18	1.01	2.04	6.65	139	27.93	82	94	58	6	0	3	1
	MONTGOMERY	93	71	95	67	82	2	0.89	-0.17	0.44	4.50	118	25.07	86	93	45	7	0	3	0
AK	ANCHORAGE	77	56	82	52	66	10	0.00	-0.25	0.00	0.06	6	5.09	121	83	61	0	0	0	0
	BARROW	46	35	56	32	41	3	0.10	0.01	0.06	0.67	305	3.63	465	91	69	0	1	3	0
	FAIRBANKS	79	55	89	52	67	5	0.09	-0.26	0.09	1.50	119	4.98	153	77	50	0	0	1	0
	JUNEAU	77	50	85	44	64	9	0.12	-0.66	0.12	3.61	113	21.31	97	90	56	0	0	1	0
	KODIAK	72	52	77	49	62	11	0.00	-1.16	0.00	3.29	63	31.71	88	83	62	0	0	0	0
	NOME	61	51	65	47	56	7	0.92	0.63	0.62	1.05	105	8.19	176	91	76	0	0	3	1
AZ	FLAGSTAFF	79	41	86	34	60	-3	0.00	-0.15	0.00	0.00	0	15.17	156	50	14	0	0	0	0
	PHOENIX	105	79	111	75	92	1	0.00	-0.04	0.00	0.00	0	3.02	97	23	12	7	0	0	0
	PRESCOTT	89	55	96	49	72	2	0.00	-0.16	0.00	0.11	48	8.91	127	33	9	2	0	0	0
	TUCSON	103	70	109	66	87	1	0.00	-0.11	0.00	0.00	0	5.03	151	26	13	7	0	0	0
AR	FORT SMITH	90	70	94	66	80	1	2.82	1.93	2.81	8.17	195	34.74	156	98	60	4	0	2	1
	LITTLE ROCK	88	68	91	65	78	-2	1.98	1.11	1.87	4.48	118	39.13	150	98	58	2	0	2	1
CA	BAKERSFIELD	93	66	100	60	80	0	0.00	0.00	0.00	0.23	288	6.51	142	48	28	5	0	0	0
	FRESNO	93	65	100	60	79	1	0.00	-0.02	0.00	0.00	0	9.52	122	53	31	4	0	0	0
	LOS ANGELES	72	62	78	61	67	0	0.00	0.00	0.00	0.00	0	12.81	136	88	70	0	0	0	0
	REDDING	90	62	99	54	76	-2	0.00	-0.06	0.00	0.00	0	31.08	142	51	25	4	0	0	0
	SACRAMENTO	87	59	96	53	73	0	0.00	-0.01	0.00	0.00	0	19.36	163	77	28	2	0	0	0
	SAN DIEGO	72	63	75	63	68	0	0.00	0.00	0.00	0.01	20	8.42	111	83	71	0	0	0	0
	SAN FRANCISCO	72	55	79	52	64	2	0.00	0.00	0.00	0.00	0	18.42	138	81	62	0	0	0	0
	STOCKTON	90	59	99	54	75	0	0.00	0.00	0.00	0.00	0	12.48	139	66	33	4	0	0	0
CO	ALAMOSA	80	42	86	33	61	0	0.00	-0.12	0.00	0.41	82	5.09	191	71	20	0	0	0	0
	CO SPRINGS	86	51	95	41	68	1	0.20	-0.30	0.17	1.96	88	7.65	96	65	15	4	0	2	0
	DENVER INTL	86	54	96	44	70	2	0.01	-0.31	0.01	2.14	131	9.48	140	62	22	4	0	1	0
	GRAND JUNCTION	90	58	97	41	74	0	0.00	-0.06	0.00	0.76	211	6.60	153	49	21	5	0	0	0
	PUEBLO	93	53	101	45	73	1	0.01	-0.29	0.01	2.25	184	6.68	121	69	25	5	0	1	0
CT	BRIDGEPORT	86	65	91	60	76	6	0.61	-0.19	0.61	3.20	94	25.09	113	74	53	2	0	1	1
	HARTFORD	87	63	92	55	75	4	0.38	-0.45	0.28	2.24	60	27.04	119	72	42	2	0	2	0
DC	WASHINGTON	91	71	96	63	81	4	0.26	-0.43	0.20	4.28	142	22.30	117	78	43	5	0	3	0
DE	WILMINGTON	89	66	94	57	78	4	0.39	-0.44	0.36	8.54	250	28.60	135	88	44	4	0	2	0
FL	DAYTONA BEACH	91	74	94	72	83	2	1.57	0.20	1.27	6.92	129	18.26	87	100	60	5	0	3	1
	JACKSONVILLE	94	72	99	70	83	3	0.26	-1.10	0.26	4.41	88	16.97	76	92	46	6	0	1	0
	KEY WEST	90	82	93	78	86	2	0.00	-0.97	0.00	0.88	20	11.66	75	77	64	5	0	0	0
	MIAMI	93	78	98	74	86	3	2.12	0.23	1.33	12.43	150	25.64	108	78	52	6	0	3	2
	ORLANDO	94	76	98	75	85	3	0.09	-1.76	0.08	7.98	116	19.61	92	87	48	6	0	2	0
	PENSACOLA	92	77	97	72	85	3	0.03	-1.60	0.03	6.02	101	20.93	68	89	55	6	0	1	0
	TALLAHASSEE	94	73	97	71	83	2	1.34	-0.34	0.83	5.37	82	17.68	56	95	56	6	0	3	1
	TAMPA	94	75	98	72	85	3	0.14	-1.26	0.14	8.37	164	24.82	142	87	48	7	0	1	0
	WEST PALM BEACH	92	77	96	72	85	3	1.19	-0.58	0.71	6.39	88	27.41	105	81	59	6	0	3	1
GA	ATHENS	89	68	92	66	79	1	0.19	-0.73	0.19	7.03	188	23.06	92	89	51	4	0	1	0
	ATLANTA	88	71	90	68	80	2	0.39	-0.52	0.28	5.58	167	26.74	103	83	54	1	0	3	0
	AUGUSTA	92	68	93	67	80	1	0.42	-0.55	0.42	6.45	162	20.93	90	96	51	6	0	1	0
	COLUMBUS	93	73	95	72	83	2	0.03	-0.86	0.03	6.42	198	23.98	93	85	46	7	0	1	0
	MACON	92	70	95	67	81	1	0.24	-0.63	0.24	4.21	128	17.62	74	90	50	6	0	1	0
	SAVANNAH	93	72	96	70	83	3	0.02	-1.30	0.02	11.43	221	22.10	98	91	51	7	0	1	0
HI	HILO	86	72	88	69	79	4	0.39	-1.55	0.13	3.72	55	38.25	63	85	70	0	0	4	0
	HONOLULU	85	76	89	72	80	0	5.56	5.48	4.77	5.70	1462	8.78	95	87	75	0	0	4	2
	KAHULUI	93	72	95	70	82	4	0.00	-0.04	0.00	0.03	20	9.31	85	76	61	7	0	0	0
	LIHUE	86	76	88	74	81	3	5.06	4.67	3.11	5.70	326	14.16	74	91	83	0	0	7	3
ID	BOISE	82	54	89	50	68	-2	0.00	-0.13	0.00	0.01	1	12.08	168	62	34	0	0	0	0
	LEWISTON	79	53	85	50	66	-2	0.26	0.05	0.20	0.99	89	8.93	124	72	46	0	0	3	0
	POCATELLO	81	47	84	42	64	-1	0.00	-0.16	0.00	0.38	43	8.92	125	66	28	0	0	0	0
IL	CHICAGO/O'HARE	86	67	90	62	76	6	0.87	0.05	0.38	2.86	83	24.08	145	84	63	1	0	6	0
	MOLINE	88	68	95	62	78	5	0.71	-0.33	0.56	4.27	96	29.45	159	84	60	3	0	5	1
	PEORIA	86	66	91	61	76	3	0.80	-0.10	0.54	5.04	139	29.34	169	88	57	1	0	3	1
	ROCKFORD	86	66	92	59	76	5	0.61	-0.50	0.31	3.08	68	25.45	147	90	65	2	0	3	0
	SPRINGFIELD	86	66	92	63	76	1	0.51	-0.32	0.29	7.10	195	30.21	171	96	57	1	0	4	0
IN	EVANSVILLE	86	67	91	62	77	0	0.79	-0.12	0.70	7.35	186	37.10	156	92	63	1	0	3	1
	FORT WAYNE	88	66	93	59	77	6	0.35	-0.57	0.22	2.74	71	21.60	120	83	45	4	0	2	0
	INDIANAPOLIS	85	66	90	61	76	2	0.24	-0.70	0.16	7.54	192	30.67	152	88	57	1	0	2	0
	SOUTH BEND	84	63	87	60	74	3	1.04	0.06	0.32	4.95	125	25.48	140	86	59	0	0	5	0
IA	BURLINGTON	84	67	91	62	75	1	0.23	-0.66	0.09	4.21	103	26.90	150	90	58	1	0	3	0
	CEDAR RAPIDS	83	64	91	58	73	1	1.26	0.23	0.57	2.68	63	21.07	134	98	59	1	0	4	1
	DES MOINES	84	67	94	62	76	2	0.10	-0.93	0.08	4.63	106	22.68	136	87	66	1	0	3	0
	DUBUQUE	83	63	91	57	73	3	0.54	-0.35	0.32	4.35	110	22.11	131	91	66	1	0	4	0
	SIOUX CITY	86	64	99	56	75	2	0.42	-0.38	0.23	1.82	52	16.19	123	96	66	3	0	4	0
	WATERLOO	85	63	93	58	75	3	3.09	1.99	1.26	6.10	133	22.15	138	88	71	1	0	4	3
KS	CONCORDIA	91	67	100	55	79	3	1.05	0.17	0.87	4.48	118	19.57	138	82	54	4	0	2	1
	DODGE CITY	91	63	98	51	77	0	1.06	0.34	1.06	3.76	125	15.56	137	87	36	5	0	1	1
	GOODLAND	89	56	100	46	73	1	0.06	-0.66	0.06	2.36	75	10.17	100	78	38	4	0	1	0
	TOPEKA	89	69	96	61	79	3	1.94	0.89	1.85	5.62	119	24.78	142	81	57	4	0	2	1

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending June 29, 2019

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	91	68	97	60	80	2	0.88	-0.03	0.88	6.09	147	25.79	167	84	51	5	0	1	1
KY	JACKSON	87	65	89	61	76	3	0.65	-0.39	0.46	7.72	172	30.95	123	98	57	0	0	3	0
	LEXINGTON	87	67	91	65	77	3	0.85	-0.20	0.34	7.44	169	30.81	129	81	57	2	0	4	0
	LOUISVILLE	89	70	94	68	80	4	1.21	0.38	0.71	7.59	210	34.96	150	78	50	4	0	2	2
	PADUCAH	88	68	92	63	78	1	0.54	-0.56	0.44	4.65	109	43.19	169	89	59	2	0	2	0
LA	BATON ROUGE	92	71	96	66	82	1	1.19	-0.09	1.11	7.40	147	35.05	109	94	51	6	0	3	1
	LAKE CHARLES	89	73	95	68	81	0	3.20	1.85	1.14	9.67	164	38.14	137	90	64	4	0	4	3
	NEW ORLEANS	92	76	96	72	84	2	0.02	-1.68	0.02	4.17	65	31.20	96	82	53	6	0	1	0
	SHREVEPORT	90	69	93	67	79	-2	3.58	2.45	2.05	8.13	167	30.85	112	97	60	4	0	5	2
ME	CARIBOU	73	53	80	43	63	0	0.42	-0.34	0.15	2.91	93	21.52	129	86	53	0	0	5	0
	PORTLAND	76	57	84	53	67	2	1.30	0.56	0.67	5.64	181	27.10	120	89	54	0	0	3	2
MD	BALTIMORE	93	67	97	57	80	6	0.37	-0.40	0.31	2.95	90	21.65	105	75	39	6	0	2	0
MA	BOSTON	80	64	87	61	72	2	1.78	1.05	1.65	4.99	163	25.18	120	83	58	0	0	2	1
	WORCESTER	80	62	85	58	71	4	0.51	-0.40	0.27	2.96	77	26.21	111	87	47	0	0	2	0
MI	ALPENA	81	57	90	40	69	5	0.43	-0.15	0.36	2.96	123	19.17	153	90	46	1	0	2	0
	GRAND RAPIDS	84	63	89	56	73	4	0.53	-0.35	0.50	4.42	128	24.25	148	87	52	0	0	4	1
	HOUGHTON LAKE	80	57	86	44	69	5	0.79	0.14	0.61	3.95	142	19.45	155	84	52	0	0	3	1
	LANSING	84	62	87	54	73	5	0.30	-0.53	0.19	7.25	213	22.85	157	88	55	0	0	3	0
	MUSKEGON	81	62	87	59	71	4	0.35	-0.19	0.11	3.10	124	25.29	174	80	60	0	0	4	0
	TRAVERSE CITY	83	61	90	55	72	6	0.89	0.06	0.77	3.72	120	21.05	142	86	42	1	0	2	1
MN	DULUTH	78	57	87	53	68	6	1.32	0.29	0.60	2.53	64	15.16	120	85	65	0	0	4	1
	INT'L FALLS	78	51	86	47	65	2	0.38	-0.56	0.38	1.94	52	10.87	107	99	54	0	0	1	0
	MINNEAPOLIS	81	65	89	61	73	3	0.90	-0.10	0.37	1.73	42	19.14	143	82	64	0	0	3	0
	ROCHESTER	79	61	87	56	70	2	6.29	5.32	4.95	8.79	234	30.01	217	89	72	0	0	4	2
	ST. CLOUD	78	59	86	54	69	2	2.39	1.38	1.47	3.91	91	18.98	155	98	57	0	0	4	2
MS	JACKSON	90	70	95	65	80	0	0.70	-0.22	0.27	2.76	77	32.00	105	91	52	3	0	6	0
	MERIDIAN	92	71	96	67	81	1	0.98	-0.03	0.95	3.45	93	36.30	112	89	54	5	0	3	1
	TUPELO	90	70	93	68	80	2	2.08	1.07	0.75	5.52	117	43.50	138	89	59	4	0	4	2
MO	COLUMBIA	86	67	92	60	77	2	0.34	-0.54	0.34	5.60	144	28.29	141	91	55	3	0	1	0
	KANSAS CITY	86	68	93	62	77	1	0.72	-0.27	0.72	7.64	178	32.19	179	89	62	3	0	1	1
	SAINT LOUIS	88	69	93	65	79	1	0.36	-0.51	0.22	4.72	132	31.09	160	83	64	5	0	3	0
	SPRINGFIELD	85	66	91	58	75	0	1.83	0.68	1.15	5.02	105	32.30	148	88	68	2	0	3	2
MT	BILLINGS	81	56	90	52	69	2	0.15	-0.22	0.10	1.63	89	10.44	122	74	34	1	0	3	0
	BUTTE	70	41	78	35	56	-2	0.25	-0.18	0.20	0.80	40	7.03	102	85	29	0	0	4	0
	CUT BANK	69	44	74	36	57	-2	0.33	-0.17	0.22	0.83	34	5.72	85	86	35	0	0	5	0
	GLASGOW	81	55	88	49	68	2	1.11	0.62	0.53	2.75	132	7.31	130	83	50	0	0	4	1
	GREAT FALLS	74	46	79	39	60	-2	1.08	0.65	0.60	1.46	66	10.99	132	94	34	0	0	6	1
	HAVRE	75	49	80	44	62	-3	0.86	0.46	0.41	2.20	122	6.91	114	91	67	0	0	4	0
	MISSOULA	75	45	81	37	60	-2	0.24	-0.09	0.10	0.66	39	8.47	113	83	54	0	0	3	0
NE	GRAND ISLAND	88	63	100	53	76	3	0.17	-0.61	0.17	4.10	114	19.93	147	83	56	3	0	1	0
	LINCOLN	89	67	99	58	78	3	0.77	0.02	0.39	4.38	129	19.65	140	83	53	3	0	3	0
	NORFOLK	85	63	96	52	74	2	1.18	0.22	0.86	2.59	64	18.05	130	88	59	3	0	2	1
	NORTH PLATTE	88	56	100	43	72	1	0.09	-0.63	0.09	3.59	118	16.45	157	91	42	3	0	1	0
	OMAHA	87	69	98	61	78	4	0.80	-0.08	0.68	2.82	74	18.05	121	83	59	3	0	4	1
	SCOTTSBLUFF	88	53	100	42	71	1	0.52	-0.07	0.28	1.53	60	16.84	181	88	61	4	0	2	0
	VALENTINE	90	59	104	47	74	4	0.40	-0.30	0.28	2.69	95	18.43	186	83	41	4	0	3	0
NV	ELY	81	42	83	31	62	-1	0.00	-0.09	0.00	0.22	34	11.56	215	53	18	0	1	0	0
	LAS VEGAS	100	76	103	70	88	0	0.00	0.00	0.00	0.00	0	4.60	202	18	9	7	0	0	0
	RENO	82	55	89	47	69	2	0.00	-0.07	0.00	0.00	0	8.51	195	39	18	0	0	0	0
	WINNEMUCCA	83	45	87	39	64	-3	0.00	-0.10	0.00	0.09	14	7.11	146	49	17	0	0	0	0
NH	CONCORD	83	56	89	48	70	3	0.21	-0.51	0.20	3.15	108	19.56	111	94	43	0	0	2	0
NJ	NEWARK	90	68	93	61	79	5	1.06	0.26	0.74	6.01	187	29.96	132	69	37	4	0	2	1
NM	ALBUQUERQUE	90	62	95	54	76	-1	0.03	-0.11	0.03	0.07	12	3.52	110	35	12	5	0	1	0
NY	ALBANY	87	62	91	55	74	6	0.94	0.10	0.89	4.95	138	21.27	116	81	40	1	0	2	1
	BINGHAMTON	80	59	85	51	69	3	0.56	-0.33	0.52	5.35	149	23.47	126	80	49	0	0	3	1
	BUFFALO	81	61	86	55	71	3	0.46	-0.39	0.28	4.60	126	22.92	123	85	49	0	0	3	0
	ROCHESTER	84	61	89	53	72	4	0.42	-0.35	0.41	3.94	123	16.93	108	80	46	0	0	2	0
	SYRACUSE	84	60	90	54	72	4	0.10	-0.82	0.09	4.39	127	22.84	127	85	41	1	0	2	0
NC	ASHEVILLE	85	63	87	61	74	3	0.66	-0.28	0.66	6.90	162	34.04	138	87	45	0	0	1	1
	CHARLOTTE	90	69	93	67	79	1	1.61	0.85	1.23	5.91	180	27.38	125	90	45	4	0	3	1
	GREENSBORO	88	68	92	66	78	2	0.04	-0.81	0.03	9.14	276	29.40	139	91	48	4	0	2	0
	HATTERAS	89	71	94	62	80	3	0.00	-0.83	0.00	2.26	62	30.81	120	90	51	3	0	0	0
	RALEIGH	91	67	97	64	79	2	1.12	0.32	1.09	3.62	112	24.05	113	87	47	5	0	2	1
	WILMINGTON	91	69	96	66	80	1	0.29	-1.08	0.29	2.55	51	13.94	56	91	43	6	0	1	0
ND	BISMARCK	83	59	86	51	71	4	0.92	0.31	0.57	2.93	120	10.41	131	86	50	0	0	2	1
	DICKINSON	80	55	86	49	67	2	0.32	-0.45	0.24	1.49	48	10.30	119	93	44	0	0	3	0
	FARGO	82	60	87	54	71	3	1.72	0.93	1.40	3.61	108	13.63	138	94	55	0	0	3	1
	GRAND FORKS	83	57	86	54	70	3	0.24	-0.48	0.12	1.71	60	9.72	115	87	39	0	0	3	0
	JAMESTOWN	81	59	85	52	70	3	0.32	-0.42	0.12	1.92	68	10.12	120	94	48	0	0	5	0
	WILLISTON	81	55	88	48	68	2	1.22	0.67	0.85	2.66	121	6.83	101	85	53	0	0	4	1
OH	AKRON-CANTON	87	66	91	54	76	7	0.57	-0.26	0.34	8.11	241	26.97	145	79	46	3	0	2	0
	CINCINNATI	86	66	91	62	76	2	0.78	-0.18	0.62	8.04	187	35.95	160	86	58	2	0	2	1
	CLEVELAND	87	66	90	53	77	8	0.99	0.08	0.69	8.08	220	26.49	145	86	47	1	0	2	1
	COLUMBUS	87	66	92	55	77	4	1.20	0.22	1.20	6.82	178	29.11	157	81	45	2	0	1	1
	DAYTON	87	67	92	61	77	5	0.49	-0.46	0.23	3.80	94	28.26	138	82	49	2	0	3	0
	MANSFIELD	85	65	90	53	75	6	1.16	0.13	0.47	9.04	210	29.53	140	96	47	1	0	4	0

Based on 1971-2000 normals ***** Not Available**

Weather Data for the Week Ending June 29, 2019

STATES AND STATIONS		TEMPERATURE ˚F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. ˚F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	90	65	96	51	78	7	0.04	-0.82	0.02	4.05	112	21.84	133	77	44	4	0	2	0
	YOUNGSTOWN	87	62	91	49	74	6	0.37	-0.60	0.30	8.15	223	30.28	170	85	46	2	0	2	0
OK	OKLAHOMA CITY	88	67	95	61	78	-1	0.64	-0.28	0.64	5.77	126	29.66	158	99	55	3	0	1	1
	TULSA	89	71	95	66	80	0	2.40	1.47	2.40	6.44	137	33.61	154	90	63	4	0	1	1
OR	ASTORIA	65	51	69	46	58	0	0.45	-0.07	0.43	1.09	44	23.09	65	90	67	0	0	2	0
	BURNS	76	39	81	34	58	-2	0.17	0.07	0.17	0.45	71	10.49	173	74	34	0	0	1	0
	EUGENE	75	49	81	46	62	0	0.21	-0.06	0.18	0.35	23	22.42	81	81	55	0	0	2	0
	MEDFORD	80	51	85	46	65	-3	0.00	-0.11	0.00	0.01	2	13.86	145	64	26	0	0	0	0
	PENDLETON	78	49	84	46	64	-4	0.20	0.07	0.16	0.29	39	9.57	136	74	40	0	0	2	0
	PORTLAND	74	54	82	51	64	-1	0.22	-0.07	0.11	0.45	29	13.37	68	79	58	0	0	3	0
	SALEM	73	52	80	48	62	-1	0.35	0.08	0.32	0.44	31	18.99	89	80	59	0	0	2	0
PA	ALLENTOWN	89	63	92	53	76	5	1.82	0.93	1.13	5.76	151	32.13	149	83	42	3	0	3	1
	ERIE	83	64	87	53	73	4	0.37	-0.61	0.37	3.90	96	20.52	110	74	58	0	0	1	0
	MIDDLETOWN	89	67	93	59	78	5	0.82	-0.03	0.44	5.15	139	27.48	136	87	43	4	0	2	0
	PHILADELPHIA	90	69	94	61	79	5	0.18	-0.61	0.09	7.94	257	29.12	142	79	41	4	0	2	0
	PITTSBURGH	85	64	89	52	74	4	2.42	1.46	1.92	6.43	164	27.39	144	92	47	0	0	3	1
	WILKES-BARRE	86	61	91	51	74	5	0.61	-0.34	0.47	5.93	158	25.32	141	88	42	1	0	2	0
	WILLIAMSPORT	87	60	89	52	73	3	0.84	-0.23	0.65	6.69	160	27.19	135	89	47	0	0	2	1
RI	PROVIDENCE	84	64	90	58	74	4	0.36	-0.39	0.27	3.89	120	27.69	119	85	58	1	0	2	0
SC	CHARLESTON	91	71	95	70	81	1	0.01	-1.42	0.01	7.44	133	15.15	65	90	50	5	0	1	0
	COLUMBIA	90	69	94	66	80	0	0.06	-1.16	0.05	8.07	173	19.98	84	88	47	5	0	2	0
	FLORENCE	95	71	98	68	83	4	0.00	-1.03	0.00	3.41	85	16.75	79	86	37	6	0	0	0
	GREENVILLE	88	67	91	67	78	2	0.34	-0.53	0.33	4.78	127	25.82	100	91	47	2	0	2	0
SD	ABERDEEN	85	60	94	47	73	4	0.80	0.01	0.29	4.70	142	15.54	153	87	57	1	0	3	0
	HURON	86	62	99	51	74	4	0.12	-0.62	0.08	3.01	103	17.69	162	90	50	1	0	3	0
	RAPID CITY	79	52	86	45	66	-1	0.01	-0.58	0.01	2.07	75	19.33	205	90	57	0	0	1	0
	SIOUX FALLS	84	64	96	59	74	4	1.57	0.81	1.41	3.07	92	21.13	173	85	63	1	0	4	1
TN	BRISTOL	88	63	92	59	75	3	0.11	-0.79	0.11	7.49	203	33.90	154	95	45	4	0	1	0
	CHATTANOOGA	91	69	94	68	80	3	0.11	-0.85	0.08	4.45	119	39.02	136	90	53	4	0	2	0
	KNOXVILLE	88	66	90	64	77	1	1.15	0.20	0.60	7.11	186	39.31	150	93	50	1	0	3	1
	MEMPHIS	87	70	91	67	79	-1	3.21	2.19	0.81	9.51	233	40.22	138	95	62	2	0	5	4
	NASHVILLE	90	69	93	67	80	3	2.37	1.50	1.28	8.28	209	38.30	150	86	48	5	0	4	1
TX	ABILENE	92	70	96	66	81	0	0.86	0.25	0.85	3.92	130	18.26	166	87	55	6	0	2	1
	AMARILLO	93	62	98	54	77	1	0.08	-0.64	0.08	2.80	89	10.57	114	76	24	5	0	1	0
	AUSTIN	92	72	96	68	82	0	2.31	1.64	1.27	5.13	133	24.31	140	88	61	6	0	5	2
	BEAUMONT	89	74	95	69	81	-1	3.30	1.81	2.07	11.92	188	35.68	124	89	70	4	0	3	3
	BROWNSVILLE	94	78	97	73	86	3	3.39	2.74	1.93	4.38	156	10.06	94	96	63	7	0	2	2
	CORPUS CHRISTI	93	78	97	73	85	2	0.12	-0.59	0.08	2.59	75	12.24	86	90	62	6	0	2	0
	DEL RIO	94	74	96	70	84	0	0.08	-0.45	0.08	7.89	359	13.30	153	86	59	7	0	1	0
	EL PASO	100	72	102	63	86	3	0.00	-0.24	0.00	0.97	133	1.68	69	34	13	7	0	0	0
	FORT WORTH	92	71	98	68	82	-1	0.51	-0.04	0.51	4.15	127	23.93	126	88	50	6	0	1	1
	GALVESTON	88	78	92	72	83	0	3.24	2.33	2.27	6.02	156	23.14	118	89	67	3	0	3	2
	HOUSTON	90	73	94	68	81	-1	2.90	1.80	1.30	6.99	133	24.12	100	98	73	4	0	7	2
	LUBBOCK	93	67	95	63	80	1	0.29	-0.37	0.20	2.06	72	8.96	106	78	39	6	0	2	0
	MIDLAND	97	69	101	63	83	2	0.00	-0.39	0.00	0.29	18	8.34	147	79	39	7	0	0	0
	SAN ANGELO	95	69	100	64	82	2	0.09	-0.36	0.09	3.20	127	12.83	126	83	50	7	0	1	0
	SAN ANTONIO	90	73	93	69	81	-2	1.42	0.61	1.30	3.81	89	13.14	78	89	55	4	0	2	1
	VICTORIA	91	75	96	71	83	0	0.57	-0.46	0.50	4.12	85	14.16	72	93	65	5	0	2	1
	WACO	90	72	96	68	81	-2	0.00	-0.60	0.00	3.19	108	22.50	131	***	***	6	0	0	0
	WICHITA FALLS	92	68	97	64	80	-2	1.49	0.79	1.49	4.11	112	19.13	126	98	54	6	0	1	1
UT	SALT LAKE CITY	89	63	95	52	76	4	0.00	-0.11	0.00	0.15	19	14.36	151	41	19	4	0	0	0
VT	BURLINGTON	84	60	90	53	72	4	1.17	0.35	0.40	5.01	156	21.62	138	88	40	1	0	4	0
VA	LYNCHBURG	89	62	93	58	76	3	0.38	-0.52	0.17	3.82	107	21.12	98	95	48	4	0	4	0
	NORFOLK	91	71	96	62	81	4	0.00	-0.92	0.00	3.79	107	22.53	102	81	41	4	0	0	0
	RICHMOND	93	68	97	59	80	4	0.00	-0.83	0.00	5.14	154	25.52	121	79	43	6	0	0	0
	ROANOKE	89	65	93	58	77	3	0.50	-0.33	0.28	5.53	157	23.27	108	81	53	4	0	2	0
	WASH/DULLES	91	64	95	53	78	5	1.14	0.26	0.74	2.44	62	22.32	108	83	42	5	0	4	1
WA	OLYMPIA	71	48	77	42	60	0	0.10	-0.27	0.07	0.18	11	15.20	57	91	58	0	0	2	0
	QUILLAYUTE	65	49	70	41	57	1	0.32	-0.36	0.32	0.99	28	32.64	61	95	69	0	0	1	0
	SEATTLE-TACOMA	72	53	77	51	63	1	0.09	-0.21	0.08	0.90	64	14.87	79	82	61	0	0	2	0
	SPOKANE	73	50	80	47	62	-2	0.12	-0.10	0.11	0.44	39	8.12	92	75	30	0	0	2	0
	YAKIMA	78	47	83	41	62	-3	0.02	-0.09	0.02	0.02	4	5.91	139	73	36	0	0	1	0
WV	BECKLEY	84	60	88	53	72	3	0.11	-0.82	0.09	2.54	69	25.78	121	86	56	0	0	2	0
	CHARLESTON	88	63	91	55	76	4	0.88	-0.08	0.88	4.11	106	26.70	123	95	50	3	0	1	1
	ELKINS	84	57	88	47	71	3	1.81	0.76	1.80	5.44	124	26.11	112	88	52	0	0	2	1
	HUNTINGTON	88	65	91	56	76	3	0.33	-0.54	0.29	4.33	116	25.39	118	94	55	3	0	3	0
WI	EAU CLAIRE	80	58	90	50	69	0	0.17	-0.80	0.11	0.44	11	18.81	131	96	50	1	0	2	0
	GREEN BAY	82	63	89	60	72	5	2.33	1.53	1.40	4.62	144	20.55	161	93	60	0	0	4	1
	LA CROSSE	83	64	93	60	74	2	2.54	1.56	1.24	4.88	130	21.79	148	90	49	1	0	3	2
	MADISON	83	63	90	58	73	4	2.07	1.11	0.93	4.12	108	21.83	143	88	62	1	0	5	1
	MILWAUKEE	81	64	85	60	72	3	1.36	0.51	0.55	4.19	126	22.00	135	81	65	0	0	5	1
WY	CASPER	84	45	93	39	65	0	0.42	0.14	0.42	0.96	70	11.18	151	83	30	2	0	1	0
	CHEYENNE	80	51	90	39	65	1	0.00	-0.47	0.00	1.28	63	13.84	173	64	29	1	0	0	0
	LANDER	83	48	90	43	65	-1	0.02	-0.17	0.02	0.18	16	13.56	172	57	16	1	0	1	0
	SHERIDAN	82	50	95	42	66	2	0.00	-0.41	0.00	1.38	70	12.23	144	83	46	1	0	0	0

Based on 1971-2000 normals

*** Not Available

National Agricultural Summary

June 24 – 30, 2019

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Rain was mostly confined to the eastern half and northern tier of the United States. Rain was heaviest in parts the Mississippi Valley, western Great Lakes region, and eastern Texas, with some areas receiving more than 2 inches. Below-normal temperatures were noted across parts of the southern and western U.S. Portions of Idaho, Montana, Texas, the Pacific Coast States, and the Southwest recorded temperatures 2°F or more below normal. In contrast, temperatures were at least 2°F above normal in Florida, the Great Lakes region, the northern Plains, the mid Atlantic, and the Northeast.

Corn: Ninety-four percent of the nation's corn acreage had emerged by June 30, six percentage points behind both last year and the 5-year average. Emergence was behind average by 10 percentage points or more in six of the 18 estimating states. On June 30, fifty-six percent of the nation's corn was rated in good to excellent condition, unchanged from the previous week but 20 percentage points below the same time last year. In Iowa, 64 percent of the corn was rated in good to excellent condition on June 30, an increase of 2 percentage points from the previous week.

Soybean: Ninety-two percent of the nation's soybean acreage was planted by June 30, eight percentage points behind last year and 7 points behind the 5-year average. Eighty-three percent of the nation's soybeans had emerged by June 30, fifteen percentage points behind last year and 12 points behind average. Emergence in seven of the 18 estimating states was behind average by 17 percentage points or more. Seventy-eight percent of Illinois' soybean acreage had emerged by June 30, twenty-two percentage points behind last year and 18 points behind average. On June 30, fifty-four percent of the soybeans were reported in good to excellent condition, unchanged from the previous week but 17 percentage points below the same time last year.

Winter Wheat: By June 30, ninety-seven percent of the nation's winter wheat acreage had reached the headed stage, 3 percentage points behind both last year and the 5-year average. Thirty percent of the winter wheat was harvested by June 30, twenty percentage points behind last year and 18 points behind average. Harvesting was at or behind average in all of the estimating states. Twenty-eight percent of the Kansas winter wheat acreage was harvested by June 30, forty percentage points behind last year and 33 points behind average. On June 30, sixty-three percent of the winter wheat was reported in good to excellent condition, 2 percentage points above the previous week and 26 points above the same time last year.

Cotton: Thirty-seven percent of the nation's cotton acreage had reached the squaring stage by June 30, four percentage points behind last year and 2 points behind the 5-year average. In Texas, 29 percent of the cotton had reached the squaring stage by week's end, 1 percentage point behind last year but 2 points ahead of average. By June 30, seven percent of the cotton had begun setting bolls, 4 percentage points behind last year and 2 points behind average. On June 30, fifty-two percent of the cotton was rated in good to excellent condition, 2 percentage points above the previous week and 9 points above the same time last year.

Sorghum: By June 30, ninety-four percent of the nation's sorghum acreage was planted, 4 percentage points behind the previous year and 2 points behind the 5-year average. Twenty percent of the nation's sorghum had reached the headed stage by June 30, two percentage points behind last year and 3 points behind average. Sixty percent of Texas' sorghum acreage had reached the headed stage by June 30, identical to the same time last year but 2 percentage points ahead of average. On June 30, seventy-three percent of the nation's sorghum was rated in good to excellent condition, 1 percentage points above the previous week and 20 points above the same time last year.

Rice: By June 30, ten percent of the nation's rice acreage had reached the headed stage, 4 percentage points behind the previous year and 5 points behind the 5-year average. Rice heading progress was at or behind average in all estimating states except Louisiana. Heading had not yet started in Arkansas and Missouri. On June 30, sixty-eight percent of the nation's rice was rated in good to excellent condition, 2 percentage points above the previous week but 3 points below the same time last year.

Small Grains: Fifty-eight percent of the nation's oat acreage had headed by June 30, twenty-two percentage points behind last year and 23 points behind the 5-year average. Heading was behind the average pace by 23 percentage points or more in four of the nine estimating states. By week's end, heading was complete in Texas. On June 30, sixty-five percent of the nation's oats were rated in good to excellent condition, 1 percentage point above the previous week but 8 points below the same time last year.

Thirty-one percent of the nation's barley acreage had reached the headed stage by June 30, sixteen percentage points behind last year and 21 points behind the 5-year average. On June 30, seventy-two percent of the barley was rated in good to excellent condition, unchanged from the previous week but 12 percentage points below the same time last year.

By June 30, twenty-five percent of the nation's spring wheat had reached the headed stage, thirty percentage points behind last year and 27 points behind the 5-year average. On June 30, seventy-five percent of the spring wheat was rated in good to excellent condition, unchanged from the previous week but 2 percentage points below the same time last year.

Other Crops: By June 30, forty-seven percent of the nation's peanut acreage had reached the pegging stage, 5 percentage points ahead of last year and 9 points ahead of the 5-year average. On June 30, sixty-eight percent of the peanut acreage was rated in good to excellent condition, 1 percentage point above both the previous week and the same time last year.

Ninety-five percent of the nation's intended 2019 sunflower acreage was planted by June 30, one percentage point ahead of last year but equal to the 5-year average. Ninety-nine percent of North Dakota's sunflowers were planted by week's end, 1 percentage point behind last year but equal to the average.

Crop Progress and Condition

Week Ending June 30, 2019

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

Soybeans Percent Planted

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
AR	100	89	93	97
IL	100	79	87	98
IN	100	75	88	99
IA	100	95	97	100
KS	99	84	91	95
KY	95	80	87	94
LA	100	99	100	100
MI	96	69	81	99
MN	100	98	100	100
MS	100	96	97	99
MO	98	66	79	90
NE	100	96	98	99
NC	92	82	92	92
ND	100	98	99	100
OH	100	65	81	100
SD	100	84	97	100
TN	96	90	94	92
WI	100	88	93	99
18 Sts	100	85	92	99

These 18 States planted 95% of last year's soybean acreage.

Soybeans Percent Emerged

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
AR	99	80	86	93
IL	100	67	78	96
IN	100	56	73	96
IA	100	81	90	99
KS	96	68	82	88
KY	86	65	74	84
LA	100	98	99	98
MI	91	48	67	97
MN	100	87	95	99
MS	97	87	94	96
MO	96	51	63	86
NE	100	85	96	98
NC	84	71	81	84
ND	99	92	96	99
OH	97	45	62	97
SD	100	57	82	99
TN	88	79	85	82
WI	97	68	80	97
18 Sts	98	71	83	95

These 18 States planted 95% of last year's soybean acreage.

Soybean Condition by Percent

	VP	P	F	G	EX
AR	2	5	30	46	17
IL	4	13	39	38	6
IN	6	15	42	33	4
IA	2	5	29	55	9
KS	3	8	44	40	5
KY	1	3	21	66	9
LA	0	3	34	55	8
MI	3	13	41	39	4
MN	1	5	32	53	9
MS	2	9	34	44	11
MO	4	13	45	36	2
NE	1	4	21	66	8
NC	2	6	34	53	5
ND	0	4	29	61	6
OH	6	23	43	25	3
SD	0	5	41	46	8
TN	2	4	22	55	17
WI	1	7	31	47	14
18 Sts	2	9	35	47	7
Prev Wk	2	8	36	47	7
Prev Yr	1	5	23	55	16

Corn Percent Emerged

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
CO	100	93	99	100
IL	100	84	89	100
IN	100	79	88	100
IA	100	96	98	100
KS	100	92	97	99
KY	100	95	98	100
MI	95	63	84	99
MN	100	96	99	99
MO	100	85	89	99
NE	100	95	99	100
NC	100	100	100	100
ND	100	95	98	99
OH	100	66	83	100
PA	93	91	94	97
SD	100	79	96	100
TN	100	100	100	100
TX	100	94	99	100
WI	100	81	87	99
18 Sts	100	89	94	100

These 18 States planted 92% of last year's corn acreage.

Corn Condition by Percent

	VP	P	F	G	EX
CO	0	3	19	69	9
IL	5	14	39	36	6
IN	5	16	40	35	4
IA	2	6	28	53	11
KS	3	10	35	44	8
KY	2	5	17	62	14
MI	5	20	35	35	5
MN	2	7	33	47	11
MO	8	21	42	26	3
NE	1	4	21	64	10
NC	4	13	34	42	7
ND	0	4	17	72	7
OH	6	18	45	27	4
PA	2	5	19	61	13
SD	1	5	36	50	8
TN	1	4	20	52	23
TX	1	2	28	56	13
WI	3	10	32	42	13
18 Sts	3	9	32	47	9
Prev Wk	3	9	32	48	8
Prev Yr	2	4	18	55	21

Rice Percent Headed

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
AR	5	0	0	5
CA	4	0	5	9
LA	41	31	47	45
MS	11	6	15	17
MO	14	0	0	6
TX	48	7	27	37
6 Sts	14	5	10	15

These 6 States planted 100% of last year's rice acreage.

Rice Condition by Percent

	VP	P	F	G	EX
AR	1	6	31	40	22
CA	0	0	0	95	5
LA	0	5	27	61	7
MS	1	3	29	58	9
MO	3	6	46	34	11
TX	1	2	47	44	6
6 Sts	1	4	27	54	14
Prev Wk	1	6	27	52	14
Prev Yr	0	5	24	56	15

Crop Progress and Condition

Week Ending June 30, 2019

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

Cotton Percent Squaring

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
AL	43	46	64	54
AZ	66	40	58	69
AR	82	66	78	87
CA	44	35	45	61
GA	56	43	58	56
KS	37	1	19	15
LA	88	37	60	76
MS	57	16	30	58
MO	66	10	12	51
NC	55	36	55	49
OK	24	15	26	26
SC	33	42	53	40
TN	69	36	45	51
TX	30	27	29	27
VA	56	26	43	50
15 Sts	41	30	37	39

These 15 States planted 99% of last year's cotton acreage.

Cotton Percent Setting Bolls

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
AL	10	0	5	9
AZ	20	10	18	23
AR	31	1	10	16
CA	2	0	5	6
GA	7	2	12	8
KS	0	0	0	0
LA	32	0	11	22
MS	9	2	4	9
MO	4	0	0	2
NC	2	0	3	2
OK	3	0	0	2
SC	0	1	9	5
TN	7	0	1	5
TX	13	4	7	10
VA	0	0	0	0
15 Sts	11	3	7	9

These 15 States planted 99% of last year's cotton acreage.

Cotton Condition by Percent

	VP	P	F	G	EX
AL	0	7	35	54	4
AZ	0	1	8	88	3
AR	0	2	12	50	36
CA	0	0	100	0	0
GA	3	10	29	52	6
KS	5	12	43	36	4
LA	0	2	38	58	2
MS	1	8	39	44	8
MO	7	9	52	32	0
NC	1	5	32	59	3
OK	0	0	15	85	0
SC	0	5	31	59	5
TN	5	9	26	45	15
TX	7	18	31	38	6
VA	0	5	14	81	0
15 Sts	5	13	30	45	7
Prev Wk	4	13	33	45	5
Prev Yr	6	18	33	36	7

Sorghum Percent Planted

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
CO	99	90	94	98
KS	97	77	91	95
NE	100	91	97	99
OK	85	62	85	89
SD	97	92	99	95
TX	100	96	100	98
6 Sts	98	84	94	96

These 6 States planted 97% of last year's sorghum acreage.

Sorghum Percent Headed

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
CO	0	0	0	0
KS	5	2	3	3
NE	5	5	9	2
OK	10	5	9	7
SD	0	0	0	2
TX	60	53	60	58
6 Sts	22	17	20	23

These 6 States planted 97% of last year's sorghum acreage.

Sorghum Condition by Percent

	VP	P	F	G	EX
CO	5	5	23	59	8
KS	0	3	29	62	6
NE	0	2	14	80	4
OK	0	1	7	90	2
SD	0	1	34	63	2
TX	0	0	23	55	22
6 Sts	0	2	25	63	10
Prev Wk	0	3	25	61	11
Prev Yr	3	12	32	49	4

Peanuts Percent Pegging

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
AL	39	46	53	41
FL	32	42	54	43
GA	58	44	61	43
NC	32	10	26	29
OK	27	1	5	22
SC	43	38	63	53
TX	9	0	0	13
VA	20	13	27	15
8 Sts	42	34	47	38

These 8 States planted 96% of last year's peanut acreage.

Peanut Condition by Percent

	VP	P	F	G	EX
AL	0	8	51	32	9
FL	4	7	29	54	6
GA	1	6	26	58	9
NC	2	3	29	63	3
OK	0	0	25	72	3
SC	0	0	25	68	7
TX	0	0	6	83	11
VA	0	0	16	76	8
8 Sts	1	5	26	60	8
Prev Wk	1	4	28	62	5
Prev Yr	0	3	30	59	8

Sunflowers Percent Planted

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
CO	93	71	87	89
KS	87	73	84	87
ND	100	93	99	99
SD	90	82	93	92
4 Sts	94	85	95	95

These 4 States planted 87% of last year's sunflower acreage.

Crop Progress and Condition

Week Ending June 30, 2019

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

Winter Wheat Percent Headed

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
AR	100	100	100	100
CA	100	100	100	100
CO	100	95	96	100
ID	99	89	96	97
IL	100	100	100	100
IN	100	96	100	100
KS	100	98	100	100
MI	99	79	88	98
MO	100	100	100	100
MT	78	45	74	89
NE	100	94	98	100
NC	100	100	100	100
OH	100	96	100	100
OK	100	100	100	100
OR	100	100	100	100
SD	97	80	93	97
TX	100	100	100	100
WA	100	95	100	100
18 Sts	100	94	97	100

These 18 States planted 90% of last year's winter wheat acreage.

Winter Wheat Percent Harvested

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
AR	100	80	90	95
CA	59	55	65	72
CO	19	0	1	9
ID	0	0	0	0
IL	81	15	47	71
IN	47	10	28	41
KS	68	5	28	61
MI	0	0	0	0
MO	82	18	52	73
MT	0	0	0	0
NE	6	0	0	8
NC	85	61	73	88
OH	21	0	7	19
OK	97	43	72	92
OR	2	0	0	1
SD	0	0	0	2
TX	79	58	81	82
WA	0	0	0	1
18 Sts	50	15	30	48

These 18 States harvested 91% of last year's winter wheat acreage.

Winter Wheat Condition by Percent

	VP	P	F	G	EX
AR	4	12	39	38	7
CA	0	0	5	50	45
CO	1	4	17	52	26
ID	0	5	25	59	11
IL	9	17	39	32	3
IN	5	12	37	40	6
KS	4	12	29	41	14
MI	6	14	36	37	7
MO	3	11	46	38	2
MT	0	7	20	45	28
NE	1	5	21	45	28
NC	6	8	36	47	3
OH	12	24	37	24	3
OK	4	5	18	63	10
OR	5	13	23	40	19
SD	1	4	33	56	6
TX	1	2	38	41	18
WA	1	4	21	63	11
18 Sts	3	7	27	48	15
Prev Wk	3	8	28	46	15
Prev Yr	15	19	29	28	9

Spring Wheat Percent Headed

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
ID	52	18	38	62
MN	68	14	36	62
MT	31	0	17	33
ND	54	2	19	49
SD	79	10	36	76
WA	87	64	79	84
6 Sts	55	7	25	52

These 6 States planted 99% of last year's spring wheat acreage.

Spring Wheat Condition by Percent

	VP	P	F	G	EX
ID	5	7	20	60	8
MN	0	2	15	67	16
MT	2	8	29	59	2
ND	0	2	17	73	8
SD	0	1	28	61	10
WA	2	4	29	55	10
6 Sts	1	3	21	67	8
Prev Wk	0	3	22	67	8
Prev Yr	1	4	18	64	13

Barley Percent Headed

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
ID	57	23	47	66
MN	64	18	36	60
MT	26	1	20	39
ND	57	1	24	51
WA	81	48	73	79
5 Sts	47	9	31	52

These 5 States planted 78% of last year's barley acreage.

Barley Condition by Percent

	VP	P	F	G	EX
ID	0	3	17	69	11
MN	1	1	19	68	11
MT	2	7	29	56	6
ND	0	1	18	75	6
WA	1	2	28	60	9
5 Sts	1	4	23	64	8
Prev Wk	1	4	23	64	8
Prev Yr	1	2	13	66	18

Crop Progress and Condition

Week Ending June 30, 2019

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

Oats Percent Headed

	Prev Year	Prev Week	Jun 30 2019	5-Yr Avg
IA	92	58	79	91
MN	63	32	53	69
NE	96	53	75	92
ND	53	2	12	50
OH	90	33	63	86
PA	68	57	66	73
SD	88	16	39	86
TX	100	95	100	100
WI	65	19	36	70
9 Sts	80	43	58	81

These 9 States planted 66% of last year's oat acreage.

Oat Condition by Percent

	VP	P	F	G	EX
IA	0	3	33	51	13
MN	1	4	24	58	13
NE	1	3	19	68	9
ND	0	1	18	75	6
OH	2	15	51	29	3
PA	0	6	27	58	9
SD	0	1	38	52	9
TX	7	10	32	46	5
WI	2	6	21	53	18
9 Sts	2	5	28	56	9
Prev Wk	2	5	29	56	8
Prev Yr	3	3	21	60	13

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

NA - Not Available
* Revised

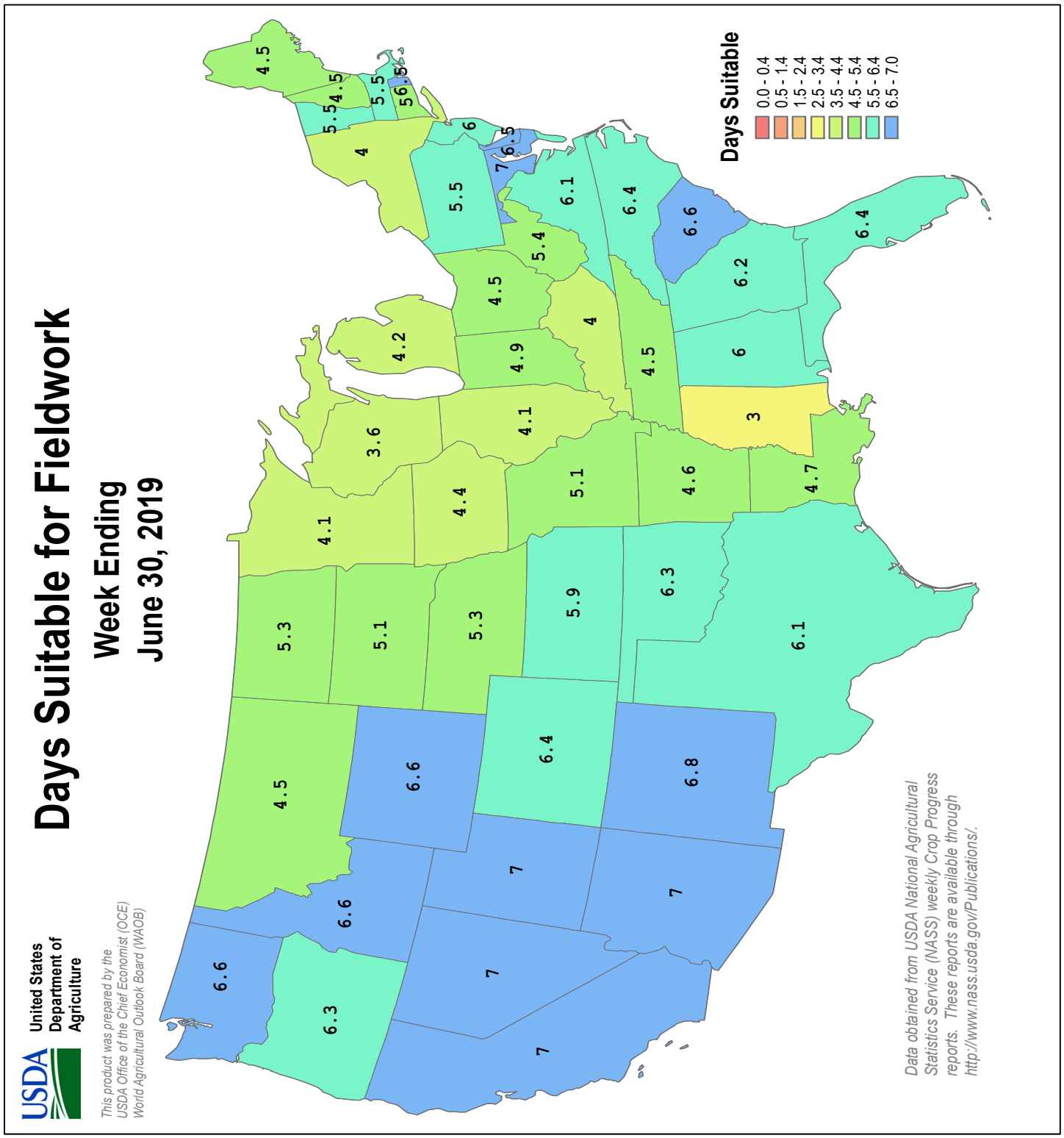
Pasture and Range Condition by Percent Week Ending Jun 30, 2019

	VP	P	F	G	EX		VP	P	F	G	EX
AL	3	10	29	56	2	NH	0	0	11	67	22
AZ	1	12	32	54	1	NJ	0	0	15	84	1
AR	1	4	27	47	21	NM	14	26	32	26	2
CA	25	10	15	50	0	NY	3	8	25	48	16
CO	1	3	16	63	17	NC	3	8	29	55	5
CT	0	0	0	100	0	ND	2	6	23	58	11
DE	1	2	17	71	9	OH	2	19	41	30	8
FL	2	6	21	57	14	OK	2	3	18	65	12
GA	3	13	39	41	4	OR	1	7	44	32	16
ID	0	2	15	65	18	PA	0	2	16	69	13
IL	2	5	31	42	20	RI	0	15	25	45	15
IN	3	8	37	41	11	SC	0	10	45	40	5
IA	1	5	24	52	18	SD	0	2	15	62	21
KS	1	3	21	59	16	TN	1	6	26	57	10
KY	1	6	17	65	11	TX	1	5	22	53	19
LA	0	10	36	50	4	UT	0	0	7	45	48
ME	0	0	0	45	55	VT	0	0	7	67	26
MD	1	7	46	37	9	VA	0	6	33	51	10
MA	0	0	10	70	20	WA	1	12	56	31	0
MI	2	8	29	43	18	WV	0	1	21	72	6
MN	1	3	25	57	14	WI	3	8	27	45	17
MS	1	8	32	48	11	WY	0	7	23	66	4
MO	0	3	27	56	14	48 Sts	2	5	24	55	14
MT	1	3	28	57	11						
NE	1	2	10	68	19	Prev Wk	2	6	24	54	14
NV	10	10	40	40	0	Prev Yr	6	14	29	41	10

Crop Progress and Condition

Week Ending June 30, 2019

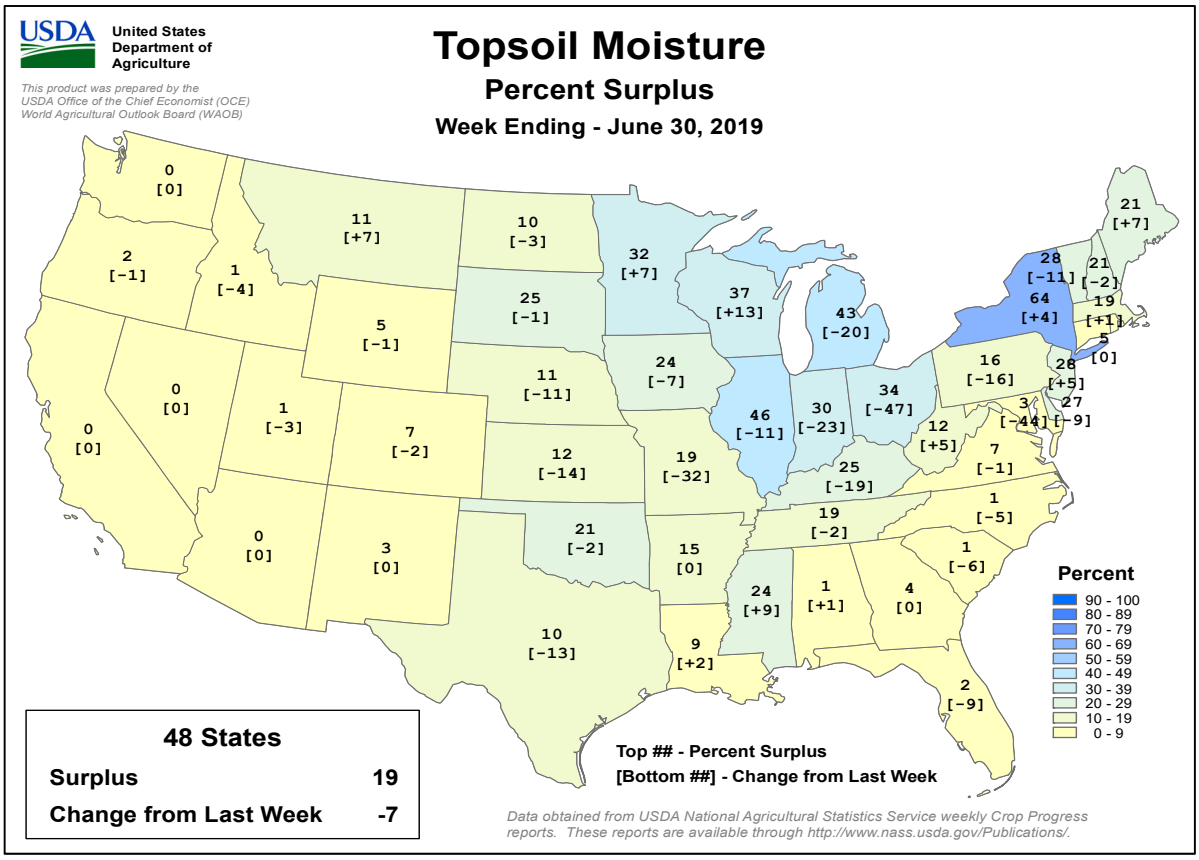
Weekly U.S. Progress and Condition Data provided by USDA/NASS

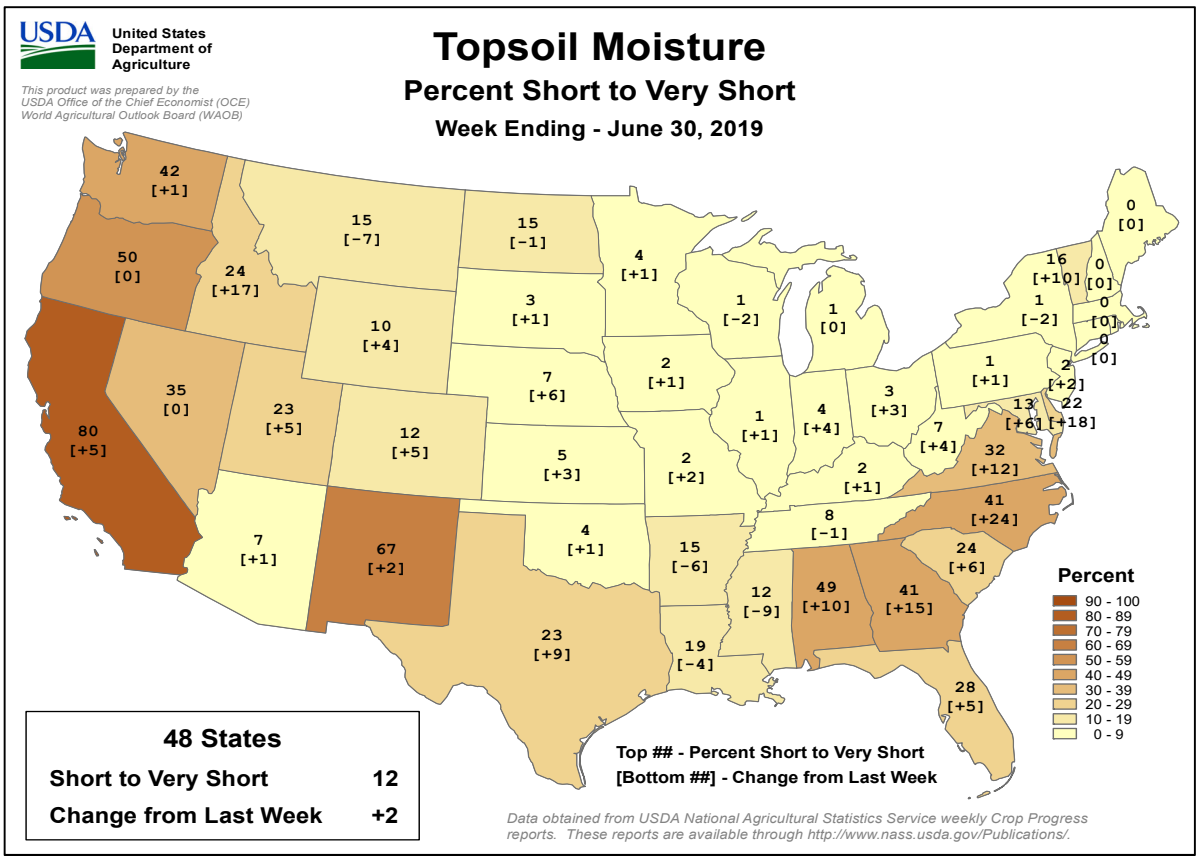


Crop Progress and Condition

Week Ending June 30, 2019

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

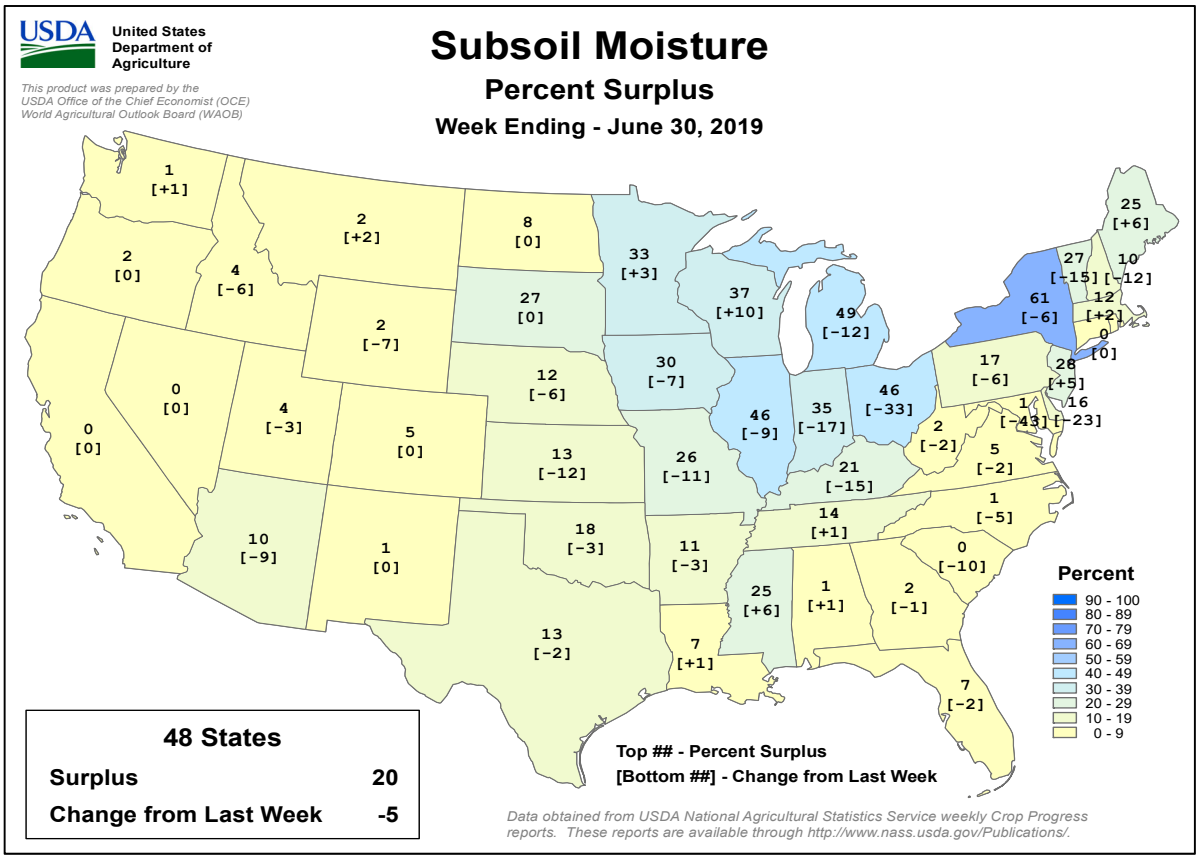


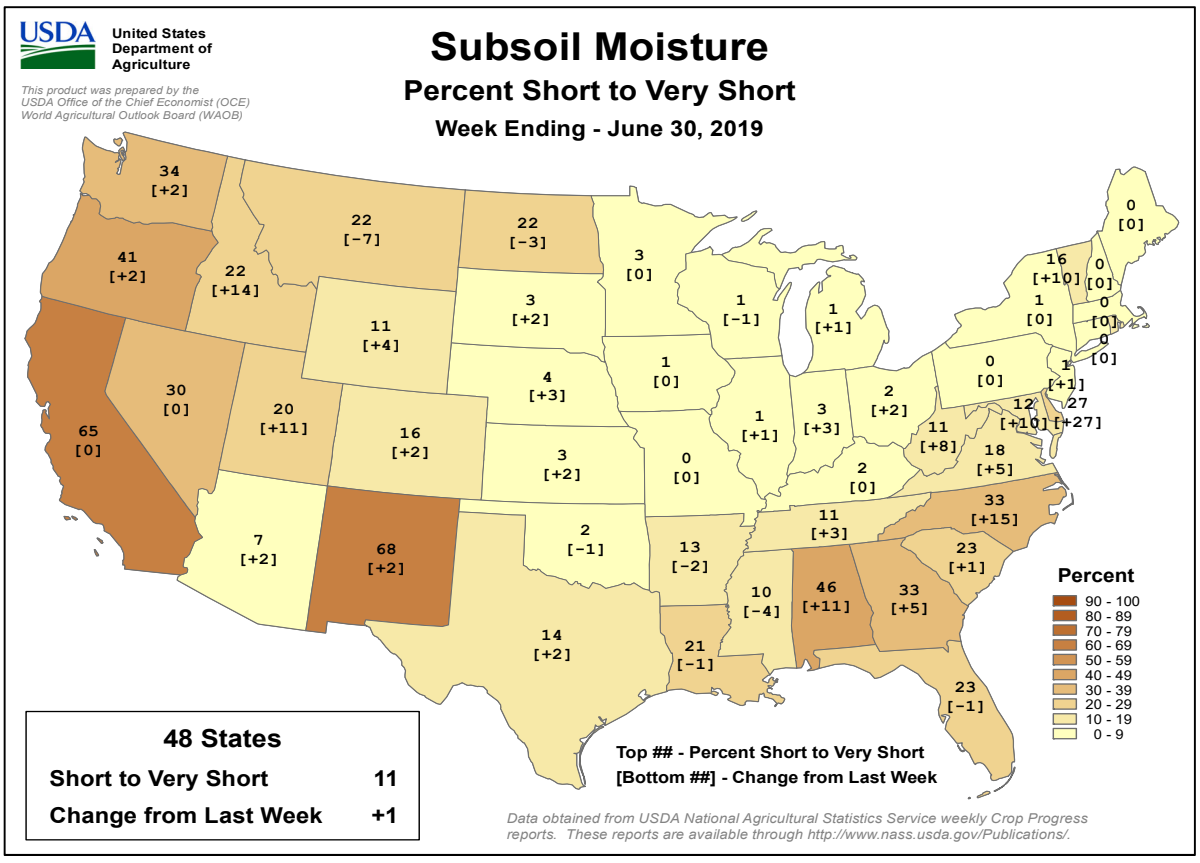


Crop Progress and Condition

Week Ending June 30, 2019

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





International Weather and Crop Summary

June 23-29, 2019

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

EUROPE: An intensifying heat wave promoted winter crop drydown and harvesting but hastened summer crops toward or into reproduction.

WESTERN FSU: Hot weather accelerated winter wheat drydown but sped summer crops toward or into reproduction near the Black Sea Coast.

EASTERN FSU: Beneficial showers eased drought in western growing areas, while rain favored wheat and barley development in the east.

MIDDLE EAST: Sunny skies and above-normal temperatures in Turkey accelerated summer crops toward or into reproduction.

SOUTH ASIA: Monsoon showers progressed northward but were significantly behind schedule, delaying crop sowing.

EAST ASIA: Widespread rainfall in China benefited vegetative summer crops.

SOUTHEAST ASIA: Monsoon showers improved in central Thailand but remained poor in the remainder of the country.

AUSTRALIA: Widespread showers improved soil moisture for southern and western wheat, but dryness continued in the northeast.

ARGENTINA: Dry weather supported seasonal fieldwork, following several weeks of wetness.

BRAZIL: Showers slowed wheat planting in southern farming areas as warmth and dryness promoted rapid development of corn and cotton.

MEXICO: Rainfall intensified across the south, benefiting corn, sugarcane, and other rain-fed summer crops.

CANADIAN PRAIRIES: Beneficial rain further improved prospects for emerging to vegetative spring grains and oilseeds.

SOUTHEASTERN CANADA: Warm weather boosted growth rate of corn and soybeans.

June 2019

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	29	17	39	9	23	1.7	8	-2
	BATNA	36	17	42	7	26	3.4	0	-16
ARGENT	IGUAZU	26	15	30	8	20	4.1	36	-131
	FORMOSA	25	16	31	7	20	3.2	2	-64
	CERES	20	11	29	0	15	2.6	11	-21
	CORDOBA	19	5	27	-4	12	1	8	-4
	RIO CUARTO	17	6	22	1	11	1.4	7	-12
	ROSARIO	18	9	23	-2	14	3.1	58	20
	BUENOS AIRES	17	10	22	3	13	3.1	126	72
	SANTA ROSA	16	4	21	0	10	1.8	28	7
	TRES ARROYOS	14	6	20	-1	10	2.3	74	39
AUSTRA	DARWIN	31	19	34	13	25	-0.7	0	-2
	BRISBANE	21	12	25	7	16	0.6	54	0
	PERTH	20	9	26	2	14	0.4	172	24
	CEDUNA	18	7	26	0	12	0	13	-16
	ADELAIDE	16	8	22	0	12	0.4	36	-20
	MELBOURNE	15	8	19	1	11	1.2	46	8
	WAGGA	14	3	18	-3	9	0	39	-9
	CANBERRA	13	1	16	-4	7	0.5	15	-24
AUSTRI	VIENNA	29	17	34	12	23	5	24	-38
	INNSBRUCK	29	14	37	8	21	5.3	65	-50
BAHAMA	NASSAU	32	26	34	22	29	1.8	243	64
BARBAD	BRIDGETOWN	31	26	32	25	28	0.8	45	-38
BELARU	MINSK	27	13	34	8	20	3.9	56	-30
BERMUD	ST GEORGES	28	24	30	19	26	0.3	109	-13
BOLIVI	LA PAZ	15	-4	19	-8	6	-0.1	2	-4
BRAZIL	FORTALEZA	30	25	31	22	27	0.2	190	86
	RECIFE	29	23	30	22	26	-0.7	225	-77
	CAMPO GRANDE	29	18	31	15	23	1.8	13	-25
	FRANCA	25	15	28	9	20	1.1	10	-15
	RIO DE JANEIRO	28	19	33	17	24	1.8	37	-14
	LONDRINA	27	15	30	9	21	3.5	106	-2
	SANTA MARIA	24	15	31	1	20	5.3	35	-153
	TORRES	24	15	31	9	19	0.1	94	-50
BULGAR	SOFIA	26	14	31	9	20	1.8	81	10
BURKIN	OUAGADOUGOU	36	27	39	22	31	1.7	93	-13
CANADA	LETHBRIDGE	23	7	32	2	15	*****	47	******
	REGINA	24	9	36	0	17	*****	77	******
	WINNIPEG	25	13	36	4	19	*****	27	******
	TORONTO	23	13	30	6	18	0.4	109	34
	MONTREAL	24	13	30	6	18	0.2	91	7
	PRINCE ALBERT	21	8	25	2	15	-0.5	55	-17
	CALGARY	20	8	28	3	14	0.4	134	55
	VANCOUVER	21	12	30	8	17	1.4	26	-28
CANARY	LAS PALMAS	26	19	32	17	22	0.8	0	0
CHILE	SANTIAGO	16	3	23	-1	10	0.9	32	-37
CHINA	HARBIN	25	15	32	9	20	-0.3	87	10
	HAMI	33	19	39	13	26	1.2	2	-5
	BEIJING	32	21	37	18	26	1.7	10	-69
	TIENTSIN	32	21	38	17	27	2	12	-57
	LHASA	27	13	31	5	20	3.7	3	-70
	KUNMING	28	18	32	13	23	2.8	97	-83
	CHENGCHOW	33	23	40	19	28	2.6	86	24
	YEHCHANG	29	21	34	18	25	0.7	137	-10
	HANKOW	31	22	35	19	26	0.5	346	123
	CHUNGKING	29	22	37	20	26	0	255	82
	CHIHKIANG	29	22	34	18	26	1	228	19
	WU HU	29	21	36	17	25	0.1	192	-3
	SHANGHAI	28	21	33	16	24	0.4	163	-10
	NANCHANG	30	24	36	20	27	1.4	353	46
	TAIPEI	32	26	36	23	29	1	289	-40
	CANTON	32	25	36	21	29	1.1	462	186
	NANNING	32	25	35	21	29	0.7	294	87
COLOMB	BOGOTA	19	11	22	7	15	1.4	112	45
COTE D	ABIDJAN	29	25	31	23	27	0.8	94	-406
CUBA	CAMAGUEY	33	23	35	21	28	1.4	791	555
CYPRUS	LARNACA	31	22	36	17	27	2	6	5
CZECHR	PRAGUE	28	14	37	7	21	5.3	44	-27
DENMAR	COPENHAGEN	23	14	32	8	18	3.6	35	-18
EGYPT	CAIRO	36	24	39	21	30	2.3	0	******

Based on Preliminary Reports

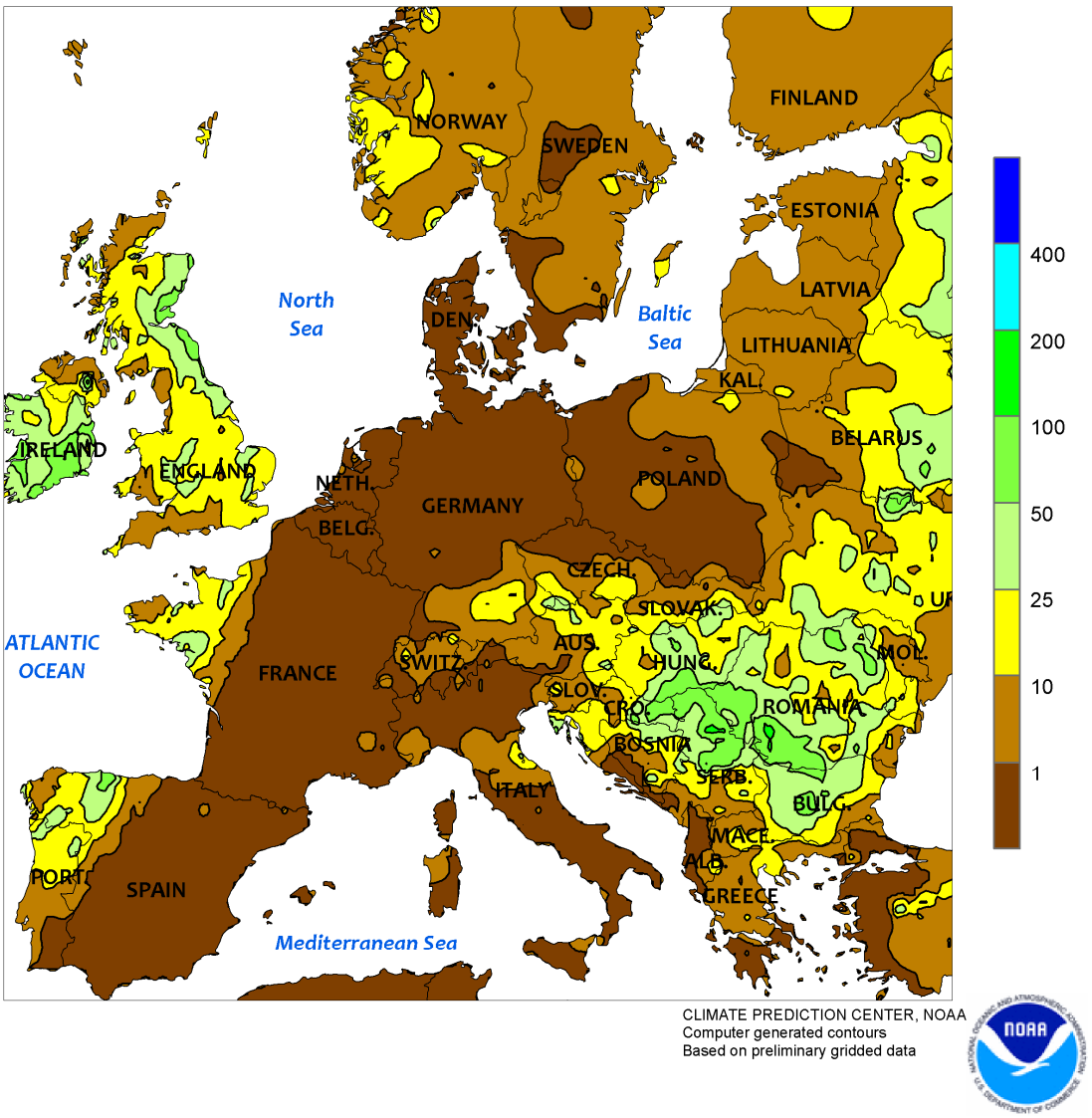
June 2019

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
	ASWAN	***	***	26	20	***	*****	*****	******
ESTONI	TALLINN	23	13	31	5	18	3.4	39	-22
F GUIA	CAYENNE	31	24	33	23	27	1.4	460	22
FIJI	NAUSORI	28	21	30	18	25	1.3	207	64
FINLAN	HELSINKI	23	12	29	6	18	3.1	19	-30
FRANCE	PARIS/ORLY	25	15	34	9	20	2.8	54	7
	STRASBOURG	28	15	39	9	21	4.1	62	-15
	BOURGES	27	14	39	7	20	3.6	50	-9
	BORDEAUX	26	15	37	9	20	2.1	85	20
	TOULOUSE	27	15	40	7	21	2.7	40	-27
	MARSEILLE	30	17	40	12	24	2.6	9	-17
GABON	LIBREVILLE	28	27	29	26	28	2.1	0	-18
GERMAN	HAMBURG	25	14	35	8	19	4.0	68	-9
	BERLIN	29	16	39	12	23	5.7	70	1
	DUSSELDORF	27	14	37	9	20	3.8	49	-33
	LEIPZIG	29	15	38	10	22	5.8	35	-29
	DRESDEN	28	16	37	9	22	5.9	23	-56
	STUTTGART	26	14	35	7	20	3.8	63	-19
	NURNBERG	28	14	36	6	21	4.2	41	-33
	AUGSBURG	26	12	35	6	19	3.2	82	-10
GREECE	THESSALONIKA	31	20	35	16	26	1.7	38	7
	LARISSA	33	18	38	10	25	0.7	25	3
	ATHENS	32	22	35	17	27	1.6	19	13
GUADEL	RAIZET	31	24	32	22	28	0.0	109	22
HONGKO	HONG KONG INT	33	27	35	25	30	1.9	265	-136
HUNGAR	BUDAPEST	29	18	35	15	24	4.7	82	25
ICELAN	REYKJAVIK	14	8	21	3	11	2.3	31	-15
INDIA	AMRITSAR	41	26	46	21	33	1.3	24	-43
	NEW DELHI	41	28	46	21	34	1.1	12	-70
	AHMEDABAD	39	28	44	23	34	0.5	104	-13
	INDORE	38	26	44	22	32	1.6	119	-34
	CALCUTTA	36	28	39	23	32	1.7	92	-223
	VERAVAL	33	28	35	25	30	0.7	180	0
	BOMBAY	34	27	37	23	30	0.7	608	161
	POONA	34	24	40	21	29	1.5	318	160
	BEGAMPET	37	26	43	21	31	2.0	90	-24
	VISHAKHAPATNAM	34	29	38	25	31	1.3	60	-47
	MADRAS	40	28	43	23	34	1.6	78	-2
	MANGALORE	31	25	35	23	28	1.2	563	-407
INDONE	SERANG	33	24	34	21	28	0.6	10	-77
IRELAN	DUBLIN	17	9	23	2	13	-0.7	82	21
ITALY	MILAN	31	19	37	13	25	3.8	6	-62
	VERONA	31	19	38	13	25	4.0	19	-80
	VENICE	29	21	35	13	25	4.0	4	-75
	GENOA	26	20	35	16	23	1.9	0	-54
	ROME	29	17	37	10	23	1.9	0	-25
	NAPLES	30	20	36	11	25	3.3	18	-14
JAMAIC	KINGSTON	33	26	35	24	30	0.9	0	-57
JAPAN	SAPPORO	22	14	29	10	18	1.9	74	21
	NAGOYA	28	20	32	17	24	1.2	175	-29
	TOKYO	26	19	32	14	22	0.4	229	64
	YOKOHAMA	26	19	31	15	22	1.0	279	73
	KYOTO	29	20	33	17	24	1.1	146	-78
	OSAKA	28	21	32	18	24	1.1	118	-83
KAZAKH	KUSTANAY	25	12	33	4	18	-1.3	12	-33
	TSELINOGRAD	23	12	32	6	18	-1.8	64	18
	KARAGANDA	22	11	34	5	17	-2.5	58	28
KENYA	NAIROBI	23	14	26	11	19	0.8	134	104
LIBYA	BENGHAZI	32	21	40	14	26	0.4	0	******
LITHUA	KAUNAS	27	14	33	6	20	4.4	54	-34
LUXEMB	LUXEMBOURG	25	14	35	8	20	4.5	55	-19
MALAYS	KUALA LUMPUR	33	25	34	23	29	1.6	251	123
MALI	BAMAKO	36	***	40	21	***	*****	113	-17
MARSHA	MAJURO	30	27	31	24	28	1.0	286	11
MARTIN	LAMENTIN	31	26	33	24	28	1.5	98	-46
MEXICO	GUADALAJARA	31	18	35	15	25	1.8	153	1
	TLAXCALA	24	13	29	10	19	0.0	255	103
	ORIZABA	27	18	30	14	23	1.8	310	-86
MOROCC	CASABLANCA	24	18	30	15	21	0.4	1	-2
	MARRAKECH	33	17	41	14	25	1.6	0	-3

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
MOZAMB	MAPUTO	28	15	34	12	21	1.5	1	-11
N KORE	PYONGYANG	27	17	32	13	22	0.8	57	-27
NEW CA	NOUMEA	24	19	27	17	22	0.6	20	-97
NIGER	NIAMEY	38	27	41	23	33	1	46	-30
NORWAY	OSLO	19	10	27	6	15	1.1	114	39
NZEALA	AUCKLAND	15	8	17	3	12	*****	85	******
	WELLINGTON	14	9	17	5	11	*****	65	******
P RICO	SAN JUAN	32	26	33	24	29	0.8	77	-12
PAKIST	KARACHI	37	29	42	26	33	1.6	3	-3
PERU	LIMA	19	16	22	16	18	-0.5	0	-2
PHILIP	MANILA	34	27	37	23	30	0.8	285	33
PNEWGU	PORT MORESBY	29	24	32	22	27	0.5	58	22
POLAND	WARSAW	29	17	35	12	23	6.2	18	-53
	LODZ	29	15	36	7	22	5.6	7	-59
	KATOWICE	28	15	34	10	22	5.6	2	-78
PORTUG	LISBON	25	15	34	12	20	0.4	15	-3
ROMANI	BUCHAREST	30	16	33	12	23	2.4	97	19
RUSSIA	ST.PETERSBURG	23	15	31	9	19	2.9	57	-4
	KAZAN	24	14	31	7	19	0.8	44	-26
	MOSCOW	25	14	31	8	19	2.1	68	-18
	YEKATERINBURG	21	12	28	4	16	-0.5	49	-16
	OMSK	20	10	29	5	15	-2.6	93	40
	BARNAUL	23	11	29	5	17	-0.5	55	2
	KHABAROVSK	21	11	29	6	16	-1.7	98	21
	VLADIVOSTOK	16	11	24	9	14	0.8	79	-40
	VOLGOGRAD	31	18	37	12	24	3.5	16	-14
	ASTRAKHAN	34	19	38	14	26	3.3	18	-10
	ORENBURG	28	14	36	5	21	0.3	6	-31
S AFRI	JOHANNESBURG	19	6	22	2	12	2.2	0	-7
	DURBAN	25	13	31	10	19	2.1	9	-13
	CAPE TOWN	19	9	27	2	14	1.2	77	-21
S KORE	SEOUL	28	18	33	14	23	0.5	74	-64
SAMOA	PAGO PAGO	30	26	31	24	28	1.1	152	1
SENEGA	DAKAR	28	23	30	18	25	-0.3	0	-15
SPAIN	VALLADOLID	28	13	40	6	20	2.3	4	-30
	MADRID	31	15	41	6	23	1.9	2	-22
	SEVILLE	32	16	38	13	24	-0.6	0	-15
SWITZE	ZURICH	25	14	34	9	20	4.3	110	-27
	GENEVA	26	14	36	8	20	3.3	112	22
SYRIA	DAMASCUS	37	19	43	15	28	3.3	1	******
TAHITI	PAPEETE	30	23	31	21	26	1.2	63	-1
TANZAN	DAR ES SALAAM	31	21	31	19	26	1.7	1	-34
THAILA	PHITSANULOK	35	26	38	23	31	1.1	162	-18
	BANGKOK	35	28	38	26	31	1.8	164	14
TOGO	TABLIGBO	32	24	36	22	28	2.0	187	-13
TRINID	PORT OF SPAIN	31	24	33	23	28	1.2	227	-9
TUNISI	TUNIS	32	20	40	14	26	2.1	0	-11
TURKEY	ISTANBUL	29	21	34	18	25	3.7	5	-23
	ANKARA	27	14	31	8	21	3.4	59	25
TURKME	ASHKHABAD	37	24	41	18	30	1.6	20	13
UKINGD	ABERDEEN	17	9	26	5	13	0.8	85	29
	LONDON	22	12	34	8	17	0.9	94	48
UKRAIN	KIEV	29	19	34	13	24	5.6	68	-8
	LVOV	27	15	32	9	21	5.0	42	-50
	KIROVOGRAD	29	16	35	8	23	4.0	28	-42
	ODESSA	29	21	33	16	25	5.2	31	-18
	KHARKOV	29	18	34	10	23	4.4	19	-44
UZBEKI	TASHKENT	32	19	37	14	26	-0.2	56	46
YUGOSL	BELGRADE	29	19	34	14	24	3.8	139	45
ZAMBIA	LUSAKA	23	12	27	8	17	0.6	0	-1
ZIMBAB	KADOMA	***	***	25	4	***	*****	*****	******

Based on Preliminary Reports

EUROPE
Total Precipitation (mm)
June 23 - 29, 2019

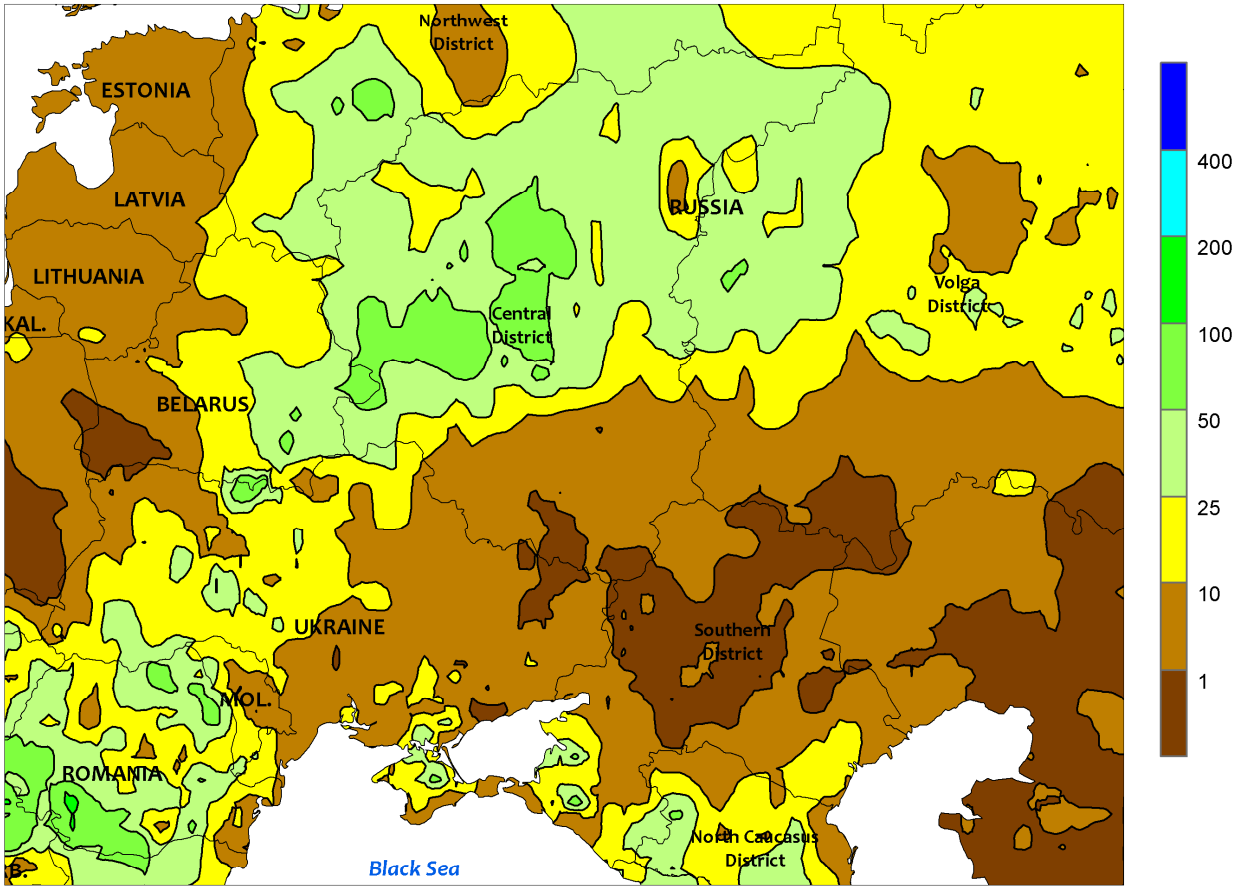


EUROPE

A heat wave overspread much of Europe, favoring winter crop drydown and harvesting but accelerating summer crops toward or into reproduction. The hot, dry conditions over central and northern Europe favored drydown and harvesting of winter wheat and rapeseed. However, severe heat (5-10°C above normal) was noted from Spain and France eastward, with daytime highs in excess of 35°C (locally above 40°C) accelerating summer crop development. Conversely, showers in southeastern Europe kept temperatures locally lower (30-34°C), easing potential adverse crop impacts in these corn and sunflower areas. Overall, corn, sunflowers, and soybeans were not yet at the temperature-sensitive flowering stage of development when the heat peaked, though by week's end corn reached the tasseling stage over southern-most growing areas. Moisture supplies remained favorable for summer crops in the Balkans, while topsoil moisture was becoming limited from eastern France and northern Italy into Poland due to short-term dryness (30-day rainfall averaging 25 to 50 percent of normal). Drought remained entrenched across the Iberian Peninsula, where 90-day rainfall was locally less than 50 percent of normal in primary corn and sunflower regions (particularly in Castilla y León, Spain).

For additional information contact: mbrusberg@oce.usda.gov

WESTERN FSU
Total Precipitation (mm)
June 23 - 29, 2019



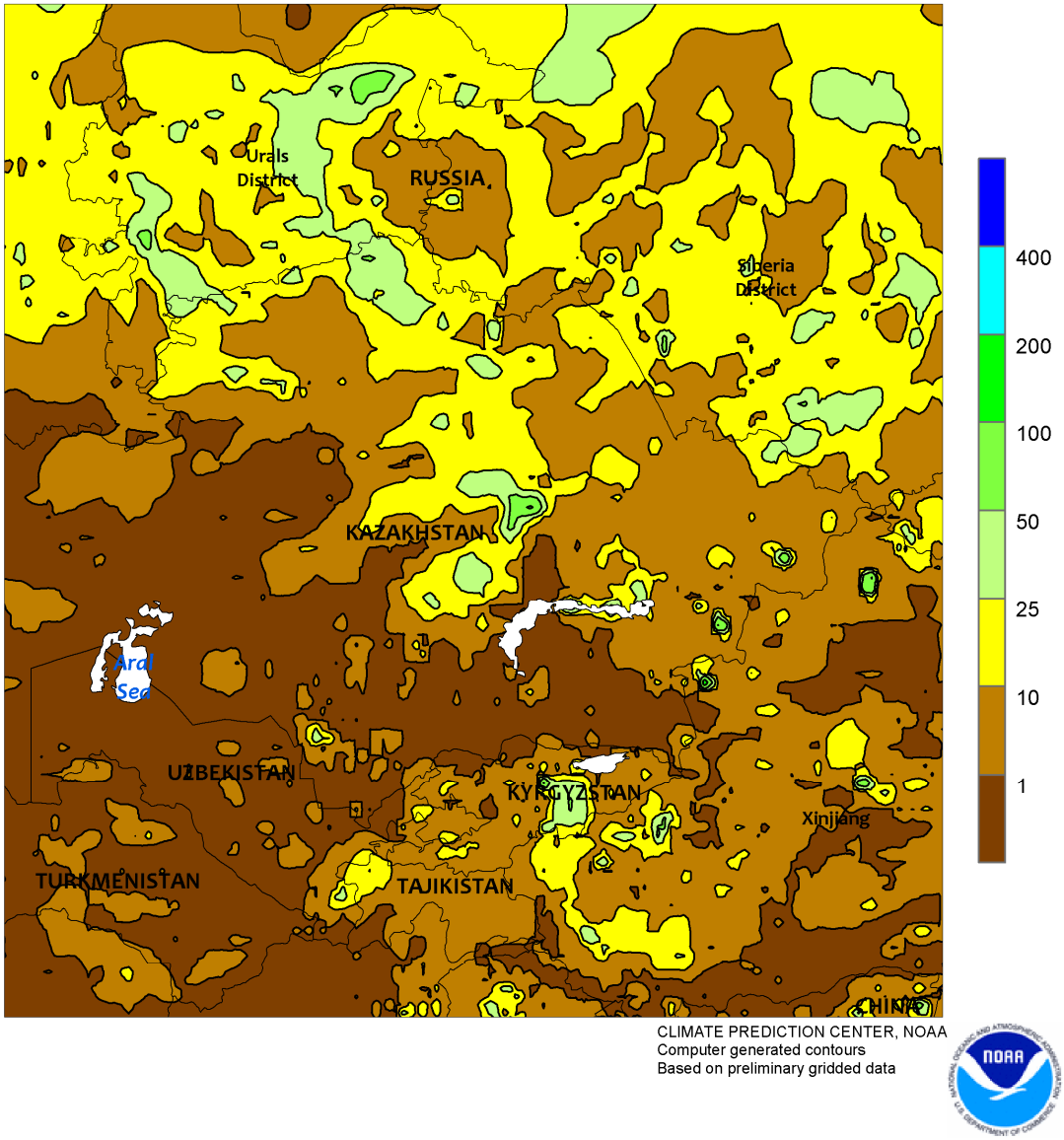
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

WESTERN FSU

Hot, dry weather in central portions of the region contrasted with beneficial rain in southern, western, and northern growing areas. An area of high pressure remained anchored over western Russia, resulting in sunny skies and increasing heat from eastern Ukraine into west-central Russia. Daytime highs in the aforementioned locales topped 35°C (locally as high as 38°C), hastening corn and sunflowers toward reproduction up to two weeks ahead of normal. However, cooler temperatures arrived at week's end, coincident with corn entering the tasseling stage of development in growing areas adjacent to the Black Sea Coast. Furthermore, moisture spreading northward from the Black Sea brought highly variable (5-70 mm) albeit beneficial rain to key corn areas in southern portions of the Southern District (Krasnodar Krai) and the North Caucasus District. Farther north, dryness concerns mounted from eastern Ukraine into west-central Russia, where 60-day rainfall has averaged 25 to 60 percent of normal. At this time, impacts are greatest on flowering to filling barley, while corn and sunflowers were not yet at the temperature- and moisture-sensitive reproductive stages of development. Conversely, showers and thunderstorms totaling 5 to 40 mm spread southeastward in to western and northern Ukraine, providing timely moisture as corn and soybeans approached reproduction. Heavier rain (10-100 mm) was reported from eastern Belarus into northern Russia, boosting moisture supplies for spring grains and oilseeds.

For additional information contact: mbrusberg@oce.usda.gov

EASTERN FSU
Total Precipitation (mm)
June 23 - 29, 2019



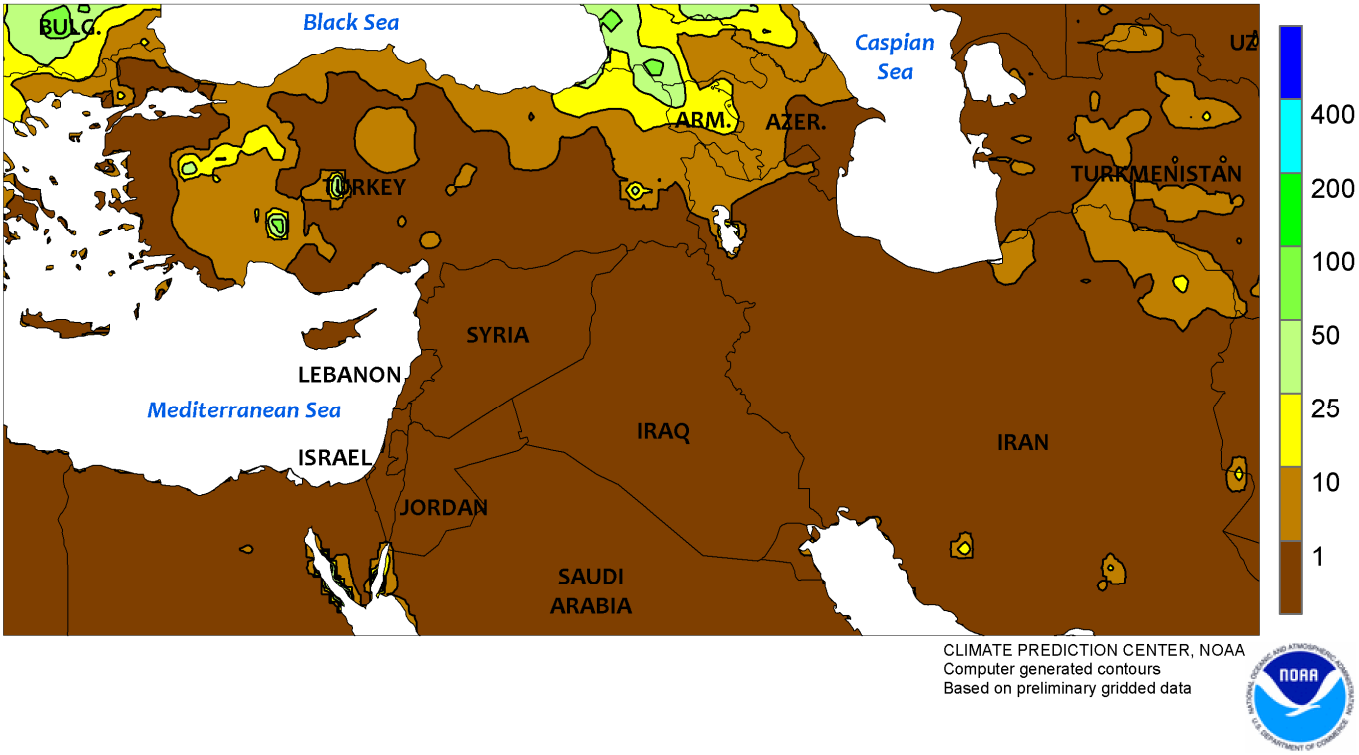
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

EASTERN FSU

Widespread showers eased drought in western growing areas and maintained favorable prospects for spring grains farther east. Much-needed albeit highly variable rainfall (2-40 mm) across northwestern Kazakhstan and west-central Russia eased drought locally, though spring grains still need more moisture in the driest locales of the southeastern Volga District in Russia and interior portions of Kostanay in northwestern Kazakhstan. Widespread moderate to heavy rain (10-40 mm) boosted moisture supplies for vegetative spring wheat and barley from the Urals District eastward into the Siberia District as well as southeastward into north-central Kazakhstan. Below-normal temperatures (2-4°C below normal) favored vegetative spring grains and afforded western growing areas more time to recover from drought before crops enter the reproductive stages of development. Farther south, sunny skies and near-normal temperatures promoted the development of irrigated cotton in Uzbekistan and environs. Cotton was entering the flowering stage of development in mostly good condition due to good to excellent irrigation supplies from a wet spring.

For additional information contact: mbrusberg@oce.usda.gov

MIDDLE EAST
Total Precipitation (mm)
June 23 - 29, 2019



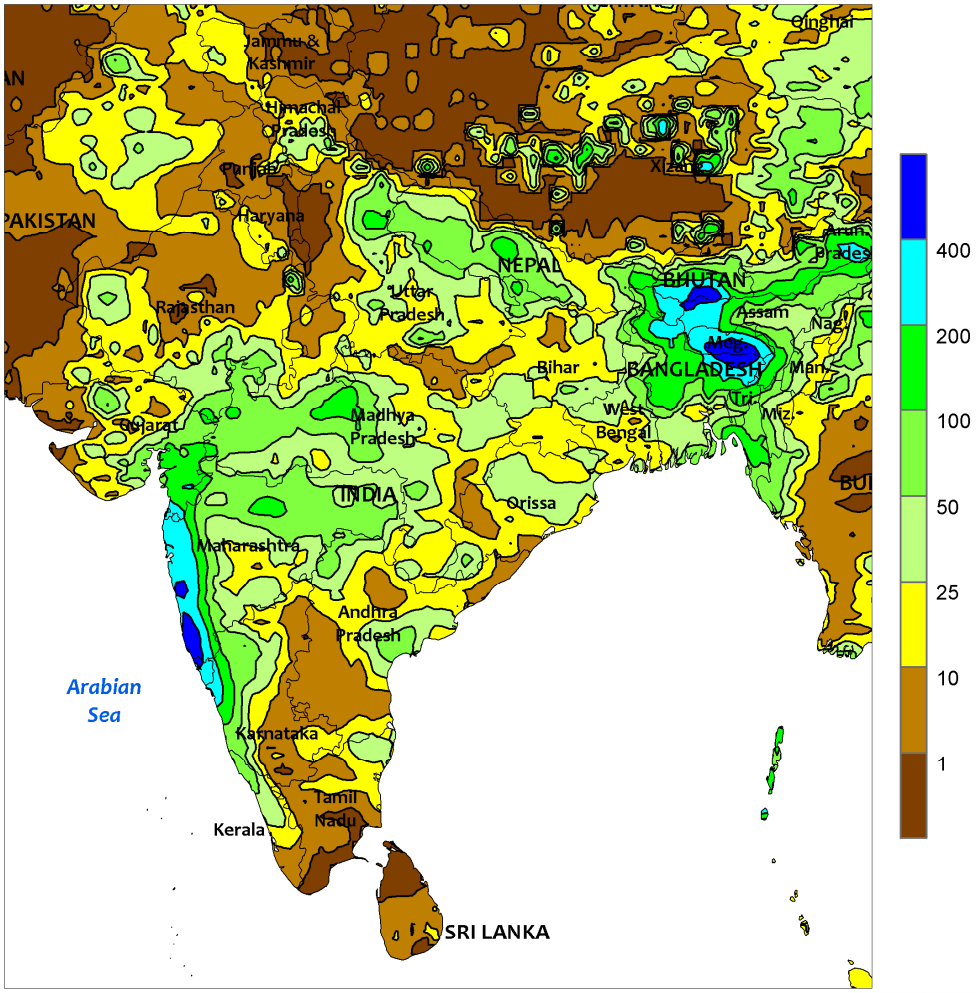
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

MIDDLE EAST

Warm, mostly dry weather prevailed across the region. From the eastern Mediterranean Coast into Iran, sunny skies and above-normal temperatures (2-4°C above normal) favored the latter stages of winter grain harvesting. In Turkey, dry, hot weather (34-40°C) in western and southern summer crop areas accelerated corn and cotton into the reproductive stages of development and maintained above-average irrigation demands. Sunny, warm conditions (32-36°C) in northwestern Turkey (Thrace) favored sunflower development. Moisture supplies remained overall favorable in Turkey, though localized dryness across the southeastern quadrant of Turkey (60-day rainfall less than 50 percent of normal) was necessitating increased irrigation for reproductive summer crops.

For additional information contact: mbrusberg@oce.usda.gov

SOUTH ASIA
Total Precipitation (mm)
June 23 - 29, 2019



SOUTH ASIA

The southwest monsoon continued to push northward in India but remained nearly two weeks behind schedule in many areas. Showers (25-100 mm) increased in western cotton and oilseed areas (eastern Gujarat, Maharashtra, and western Madhya Pradesh), encouraging sowing. However, portions of Gujarat continued to experience drier-than-normal conditions, limiting cotton and groundnut planting. In eastern India (Orissa and environs), showers were unseasonably light (less than 50 mm), limiting moisture supplies for rice; 30-day rainfall totals were half of the normal amount in many districts. In contrast, heavy showers (25-100 mm or more) in Bangladesh maintained beneficial moisture supplies for vegetative summer (aman) rice.

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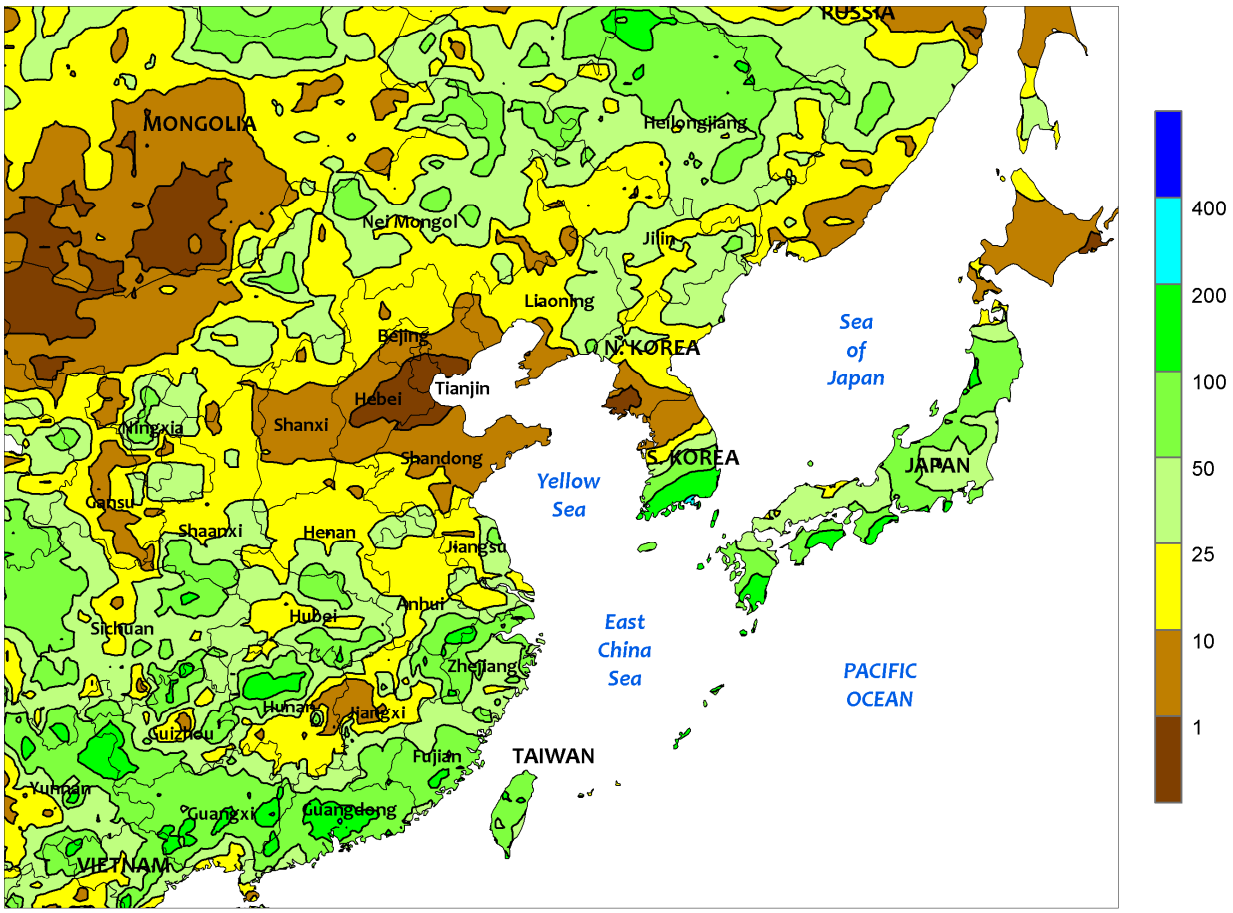
EASTERN ASIA
Total Precipitation (mm)
June 23 - 29, 2019



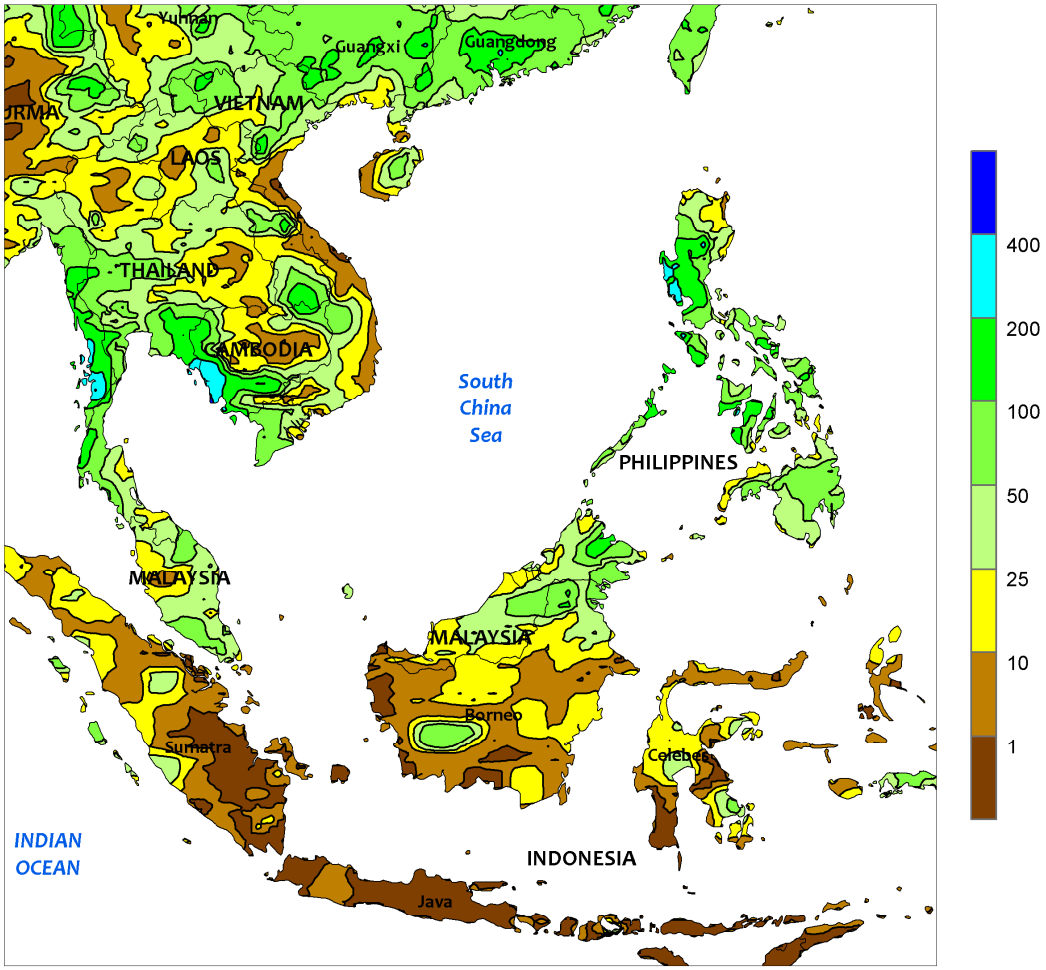
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

EASTERN ASIA

Showers overspread large swaths of China, boosting moisture supplies for vegetative summer crops. In the northeast, 25 to 100 mm of rain in Heilongjiang and adjacent areas of Inner Mongolia provided a significant boost to soil moisture for corn, soybeans, and rice, while 10 to 25 mm (locally more) in Jilin and Liaoning provided more modest increases in moisture conditions. Farther south, 25 to 100 mm (locally more) of rain extended from the Yellow River to the southern coast, with pockets of drier weather interspersed. The moisture benefited establishment of recently sown late-crop rice in the south and southeast as well as vegetative single-crop rice in the Yangtze Valley. In addition, summer crops in southern sections of the North China Plain benefited from the added moisture. In contrast to the wet weather elsewhere, a large pocket of drier weather in northern portions of the North China Plain facilitated the remaining wheat harvest but exacerbated moisture deficits for summer crops. In other parts of the region, key rice areas in the border region of the Koreas and northern Japan (Hokkaido) remained dry, increasing irrigation demands, while 25 to over 100 mm of rain in the remainder of Japan and the Koreas benefited rice.

For additional information contact: mbrusberg@oce.usda.gov

SOUTHEAST ASIA
Total Precipitation (mm)
June 23 - 29, 2019



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

SOUTHEAST ASIA

Heavy showers (25-100 mm or more) in central Thailand maintained generally favorable moisture conditions for rice. However, rainfall in the remainder of Thailand remained unseasonably light (less than 25 mm), increasing moisture deficits. Rainfall was similarly sporadic and light in other parts of Indochina, reducing moisture supplies for rice. In the Philippines, 25 to 100 mm (over 100 mm in western Luzon) boosted moisture supplies for rice and other summer crops. Most of the country has benefited from seasonably wet weather, but portions of the Visayas continued to experience significant rainfall deficits over the last 60 days. Meanwhile, showers were lighter in oil palm areas of Indonesia (Kalimantan and Sumatra), with most areas receiving less than 25 mm; 90-day totals remained above average, though. In contrast, showery weather (25-100 mm) continued in Malaysia, maintaining good soil moisture for oil palm.

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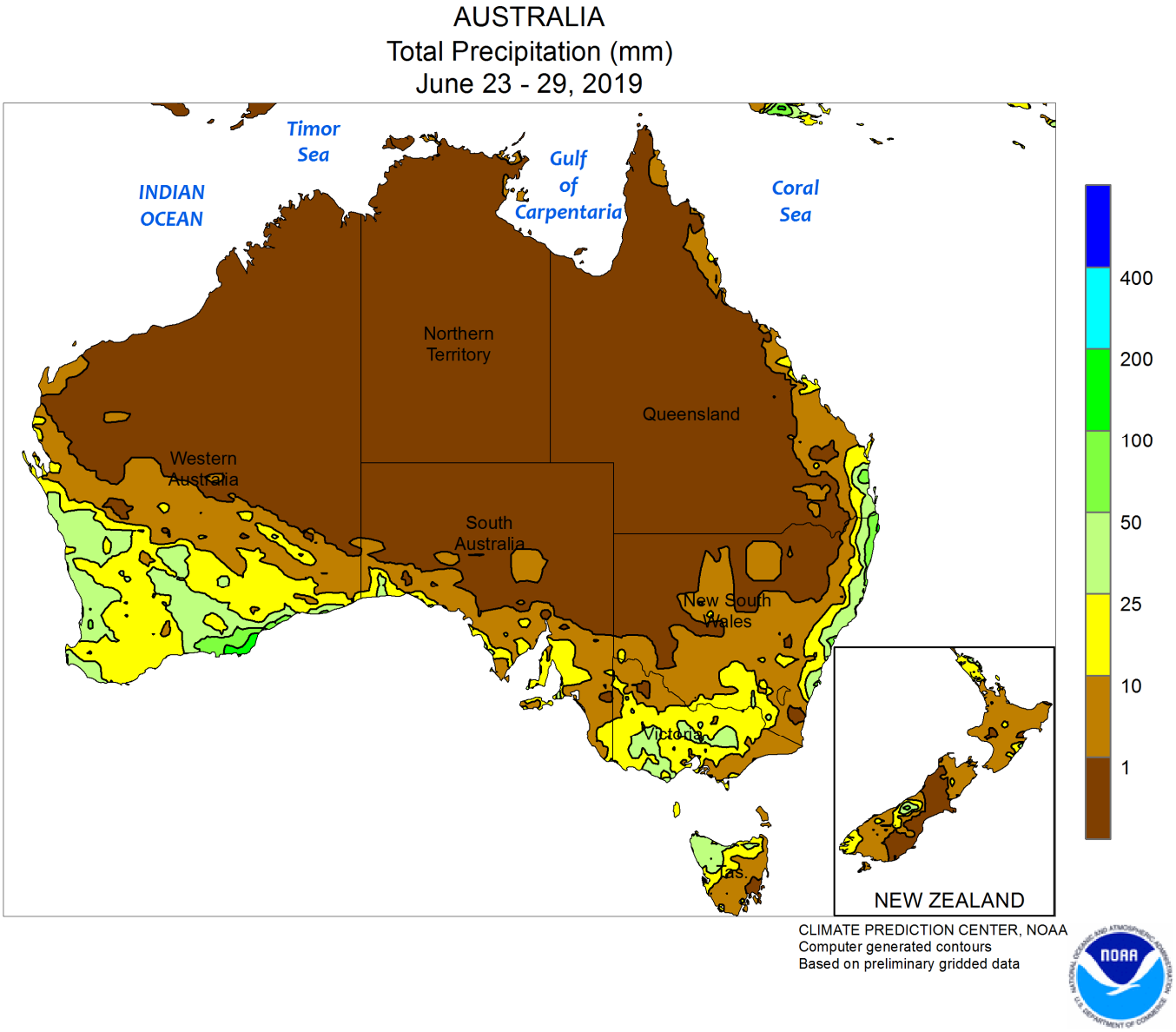
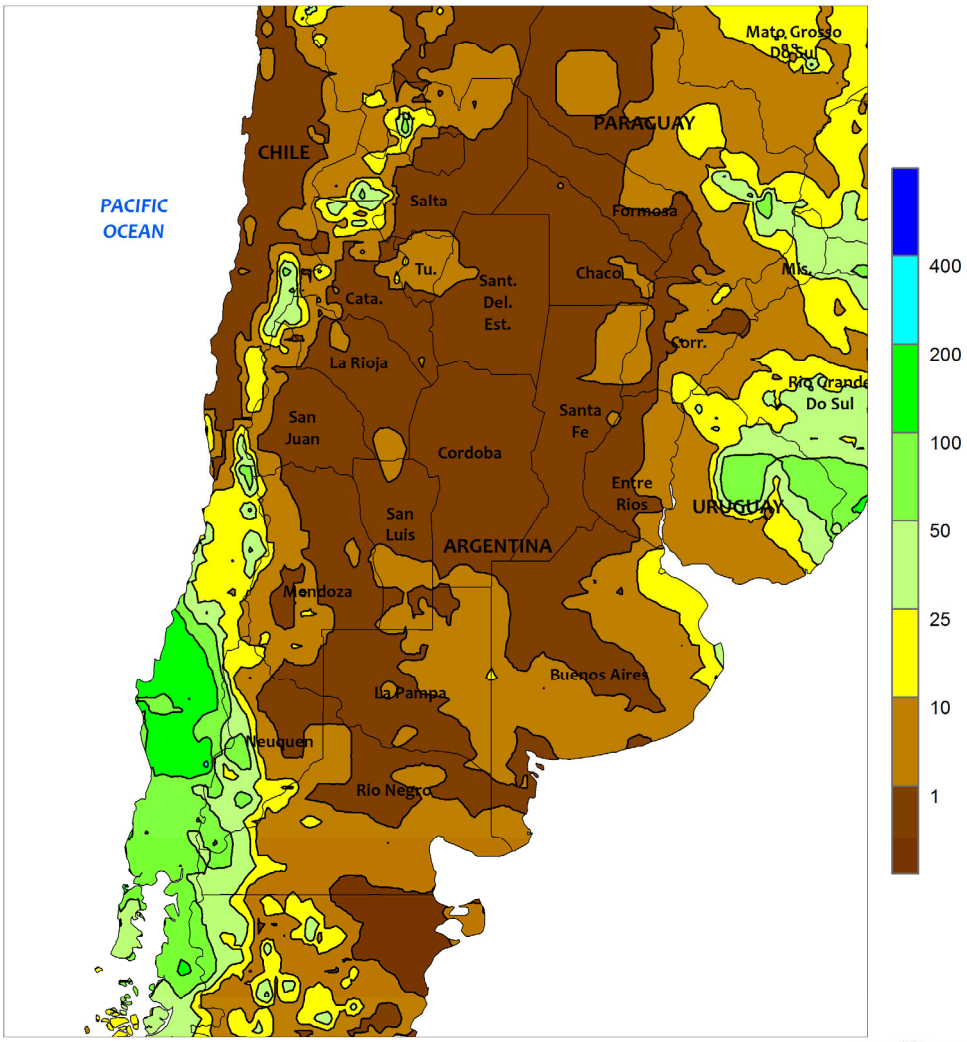


AUSTRALIA

Rainfall across large portions of the wheat belt brought beneficial moisture to the vegetative crop. Late-week showers extended from southern South Australia (5-25 mm) east into Victoria (over 25 mm) and southern New South Wales (5-25 mm). The wet weather maintained good soil moisture for wheat in South Australia while providing a significant, and much needed, infusion of moisture to crops in Victoria and nearby portions of New South Wales. Similarly, 10 to 25 mm of rain (locally more) earlier in the period maintained good 30-day moisture conditions across the western wheat belt (southwestern Western Australia). In contrast, dry weather continued in southern Queensland and border areas with New South Wales. Rainfall has been nearly non-existent in these areas since May 5, increasing early concerns over yield potential. In fact, even with the recent rainfall in other parts of the country more rain is needed to erase early-season deficits and maintain good crop development.

For additional information contact: mbrusberg@oce.usda.gov

ARGENTINA
Total Precipitation (mm)
June 23 - 29, 2019

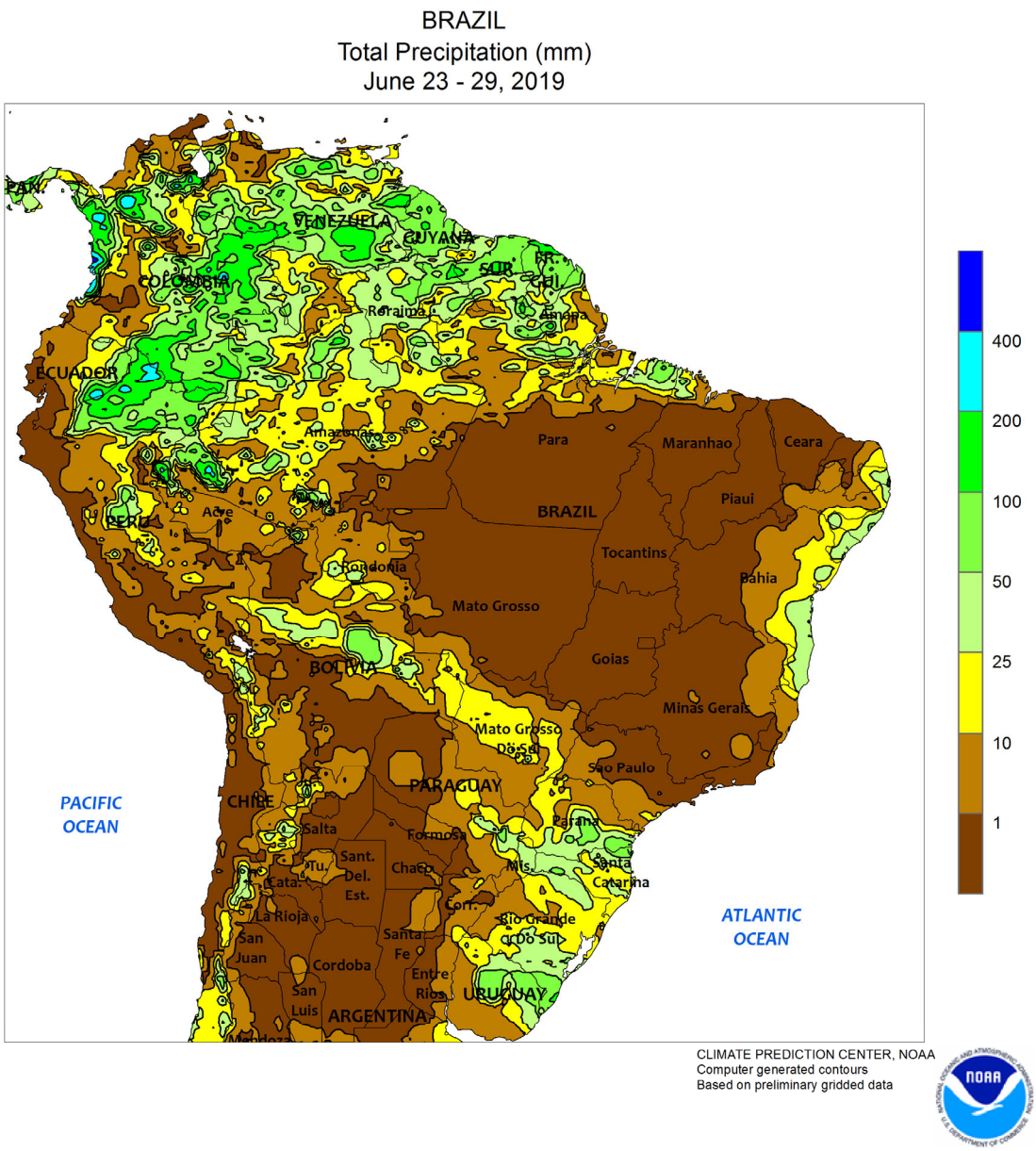


CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

ARGENTINA

Dry weather returned to central Argentina, following several weeks of locally heavy showers. Aside from a few pockets of moderate rainfall (greater than 10 mm) in far eastern sections of the country, little to no rain fell in all major agricultural areas. Above-normal temperatures accompanied the dryness, with daytime highs ranging from the upper 10s (degrees C) in La Pampa and Buenos Aires to the lower 30s in traditionally warmer locations in Chaco and Formosa. According to the government of Argentina, cotton was approximately 75 percent harvested as of June 26; corn harvesting reportedly made little progress. Meanwhile, wheat was 51 percent planted nationally, lagging last year's pace by 7 points.

For additional information contact: mbrusberg@oce.usda.gov

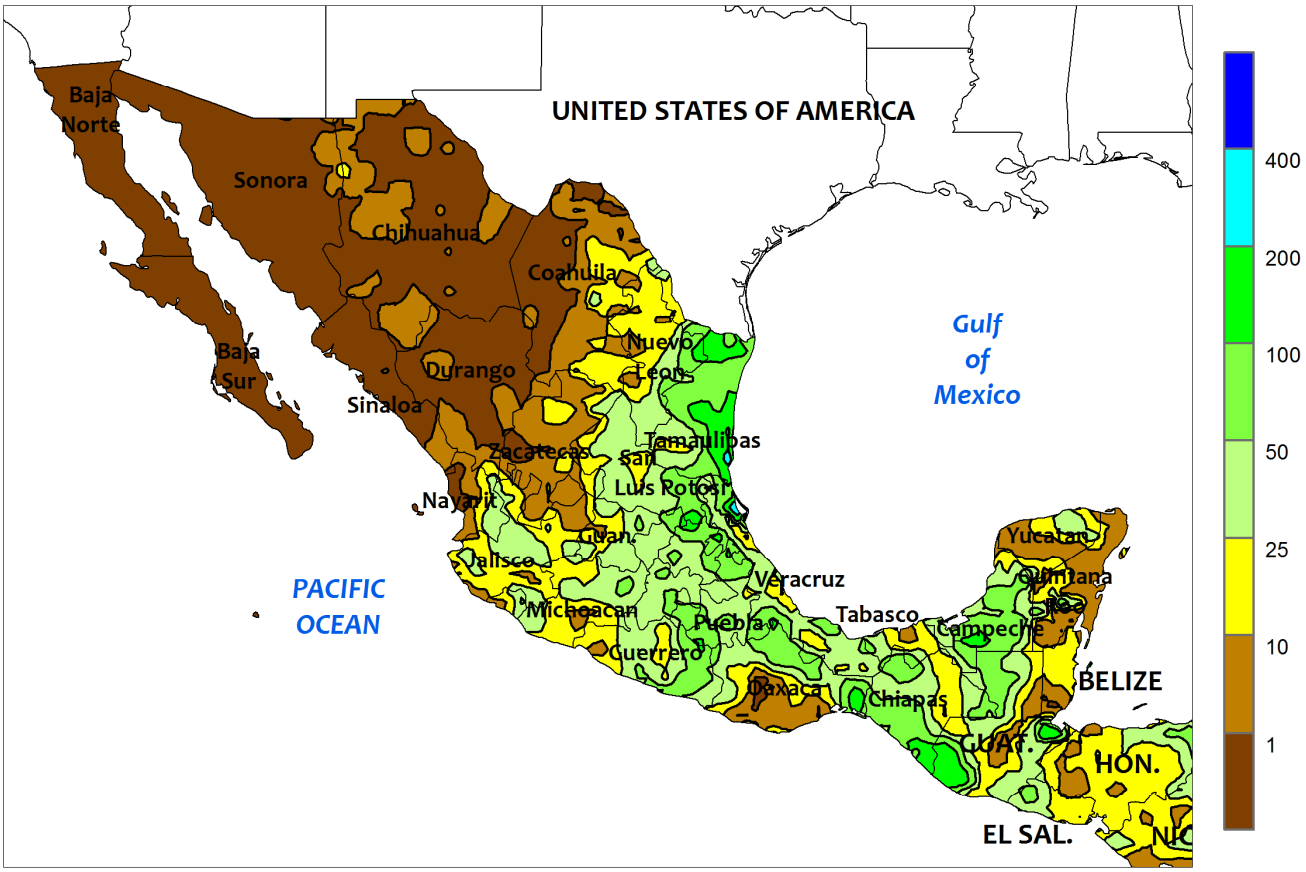


BRAZIL

Showers returned to southern Brazil, slowing seasonal fieldwork after several weeks of timely dryness. Rainfall totaled 10 to 50 mm or more from Rio Grande do Sul to central Parana, with patchy light rain (mostly less than 10 mm) extending northwestward into Mato Grosso do Sul. Unseasonable warmth (weekly temperatures averaging up to 4°C above normal, with daytime highs reaching the lower 30s (degrees C) in the drier northwestern locations) fostered rapid rates of wheat emergence. According to the government of Parana, second-crop corn was 34 percent harvested as of June 24, with nearly 75 percent of the remaining crop maturing; meanwhile, wheat was 91 percent planted with 6 percent of the emerged crop flowering. Meanwhile, wheat was 73 percent planted in Rio Grande do Sul as of June 27, equal to the 5-year average. Elsewhere, light to moderate rain (10-50 mm) fell along the northeastern coast, boosting moisture for sugarcane, cocoa, and other regionally important crops. In contrast, seasonable dryness and warmth fostered rapid development of maturing corn and cotton in central and interior northeastern production areas. According to the government of Mato Grosso, corn was 41 percent harvested as of June 28, nearly double last year's pace (21 percent) and well above the 5-year average (24 percent); cotton harvesting was just beginning (2 percent complete), as is usual this time of year.

For additional information contact: mbrusberg@oce.usda.gov

MEXICO
Total Precipitation (mm)
June 23 - 29, 2019



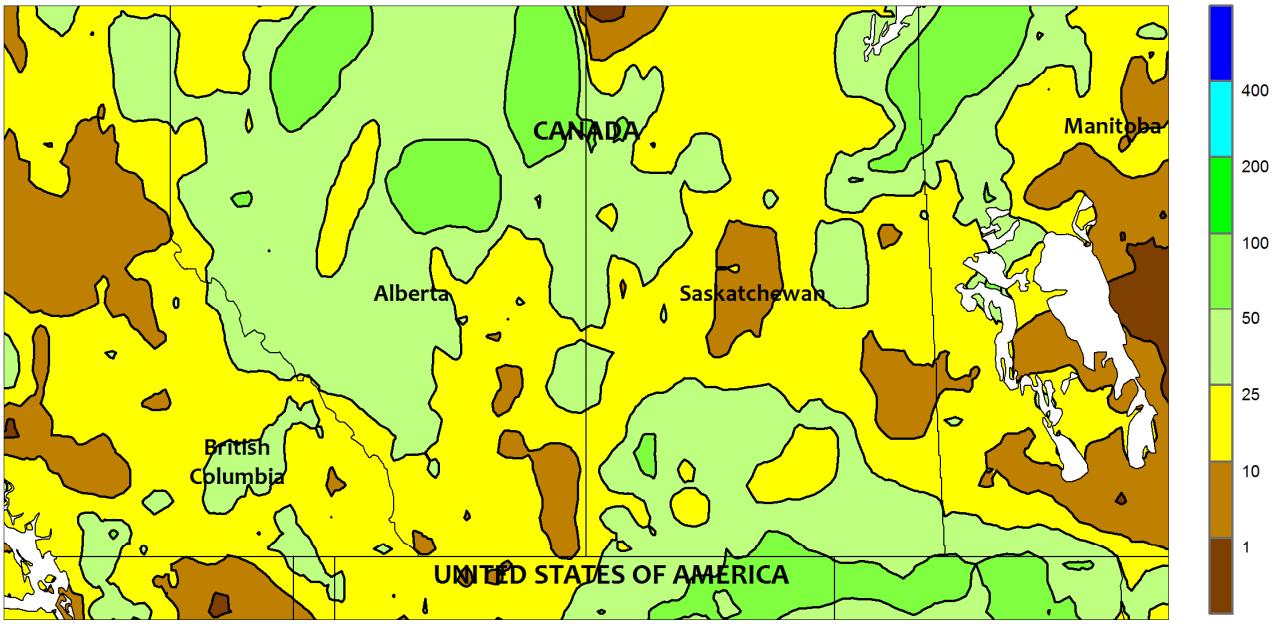
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

MEXICO

Showers intensified throughout southern Mexico and in states bordering the Gulf of Mexico, providing much-needed moisture for corn, sugarcane, and other rain-fed summer crops. The heaviest rainfall (50-100 mm or more) was concentrated in eastern sections of the region, including coastal Tamaulipas and various locations on the southern plateau (including parts of Puebla and Mexico). The moisture was welcome for sugarcane and emerging corn; in the Rio Grande Valley, the rain came too late for most winter sorghum but provided needed moisture for livestock as supplies continued to be depleted by seasonal heat (daytime highs reaching 40°C). Locally heavy rain (greater than 50 mm) also fell in Oaxaca, Tabasco, and Chiapas. Lighter rain (5-25 mm) covering western sections of the southern plateau (Jalisco and Michoacan) aided late corn planting. The western showers extended northward through Nayarit but drier conditions dominated northwestern Mexico from Zacatecas to Baja Norte, reaching as far east as western Coahuila. The northwestern dryness favored rapid development of maturing wheat and corn in advance of the summer monsoon, which typically arrives in July.

For additional information contact: mbrusberg@oce.usda.gov

CANADIAN PRAIRIES
Total Precipitation (mm)
June 23 - 29, 2019



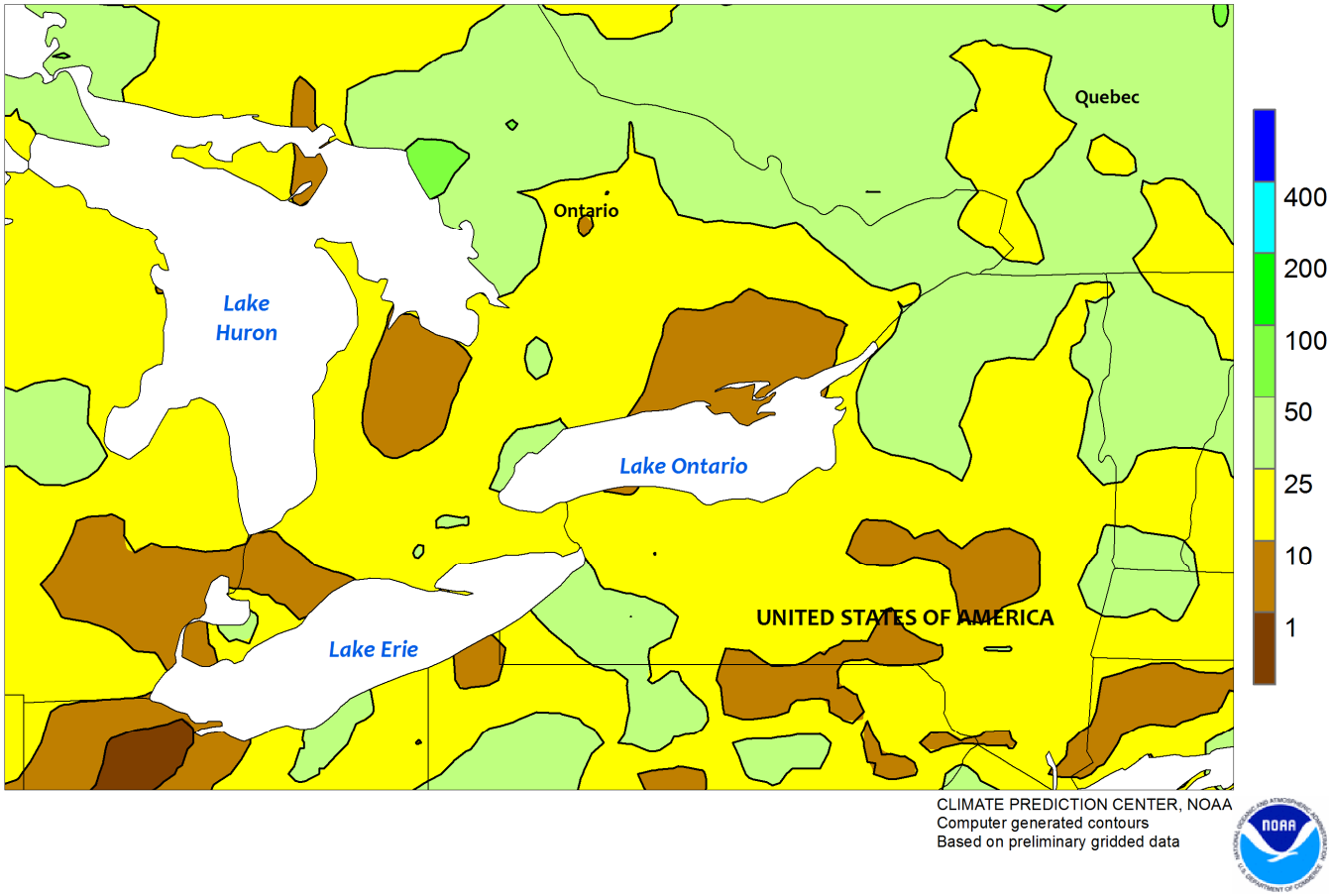
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data

CANADIAN PRAIRIES

For a second week, showers overspread most Prairie farming areas, improving prospects of emerging to vegetative spring grains and oilseeds. Most locations recorded 10 to 25 mm, though a few pockets of rainfall totaling below 10 mm were scattered throughout the region. Previously dry locations in southern Alberta received 10 to 50 mm, though a few pockets of dryness lingered there as well. Weekly temperatures averaged 1 to 2°C above normal in most agricultural districts though daytime highs were generally capped in the upper 20s (degrees C) in the warmest locations, including all Manitoban productions and much of southeastern Saskatchewan. Highest daytime temperatures elsewhere ranged the lower 20s in Alberta's Peace River Valley to the middle 20s in southwestern Saskatchewan. According to the government of Saskatchewan, moisture conditions have improved across the province: as of June 24, topsoil moisture on cropland was rated 4 percent surplus, 81 percent adequate, 14 percent short, and 1 percent very short.

For additional information contact: mbrusberg@oce.usda.gov

SOUTHEASTERN CANADA
Total Precipitation (mm)
June 23 - 29, 2019



SOUTHEASTERN CANADA

Warm weather fostered a more rapid rate of crop growth, though problems with excessive wetness lingered. Weekly average temperatures were 2 to 4°C above normal with daytime highs reaching the upper 20s and lower 30s (degrees C). Nighttime lows dropped below 10°C but stayed well above freezing, even in far northern agricultural districts. Rainfall totaled 5 to 25 mm across the region, with the heaviest rain (greater than 25 mm) concentrated over southern Quebec and some of Ontario's far eastern agricultural areas. According to the government of Ontario, corn planting was mostly complete as of June 24, except in areas still struggling with excessive wetness; soybean planting was underway with recommendations on selecting varieties and planting practices best suited for delayed sowing.

For additional information contact: mbrusberg@oce.usda.gov

U.S. Acreage Highlights

The following information was released by USDA's Agricultural Statistics Board on June 28, 2019.

Corn planted area for all purposes in 2019 is estimated at 91.7 million acres, up 3 percent from last year. Compared with last year, planted acres are up or unchanged in 40 of the 48 estimating states. Area harvested for grain, at 83.6 million acres, is up 2 percent from last year.

Soybean planted area for 2019 is estimated at 80.0 million acres, down 10 percent from last year. This represents the lowest U.S. soybean planted acreage since 2013. Compared with last year, planted acreage is down in all 29 estimating states.

All wheat planted area for 2019 is estimated at 45.6 million acres, down 5 percent from 2018. This represents the lowest all wheat planted area since records began in 1919.

The 2019 winter wheat planted area, at 31.8 million acres, is down 2 percent from last year but up 1 percent from the previous estimate. Of this total, about 22.7 million acres are Hard Red Winter, 5.54 million acres are Soft Red Winter, and 3.55 million acres are White Winter. Area planted to other spring wheat for 2019 is estimated at 12.4 million acres, down 6 percent from 2018. Of this total, about 12.0 million acres are Hard Red Spring wheat. Durum planted area for 2019 is estimated at 1.40 million acres, down 32 percent from the previous year.

All cotton planted area for 2019 is estimated at 13.7 million acres, 3 percent below last year. Upland area is estimated at 13.4 million acres, down 3 percent from 2018. American Pima area is estimated at 275,000 acres, up 10 percent from 2018.

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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: **http://www.usda.gov/oce/weather**
E-mail address: ***brippey@oce.usda.gov***

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U.S. DEPARTMENT OF AGRICULTURE
World Agricultural Outlook Board
Managing Editor..... ***Brad Rippey*** (202) 720-2397
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Meteorologists..... ***David Miskus, Brad Pugh, Adam Allgood, and Rich Tinker***