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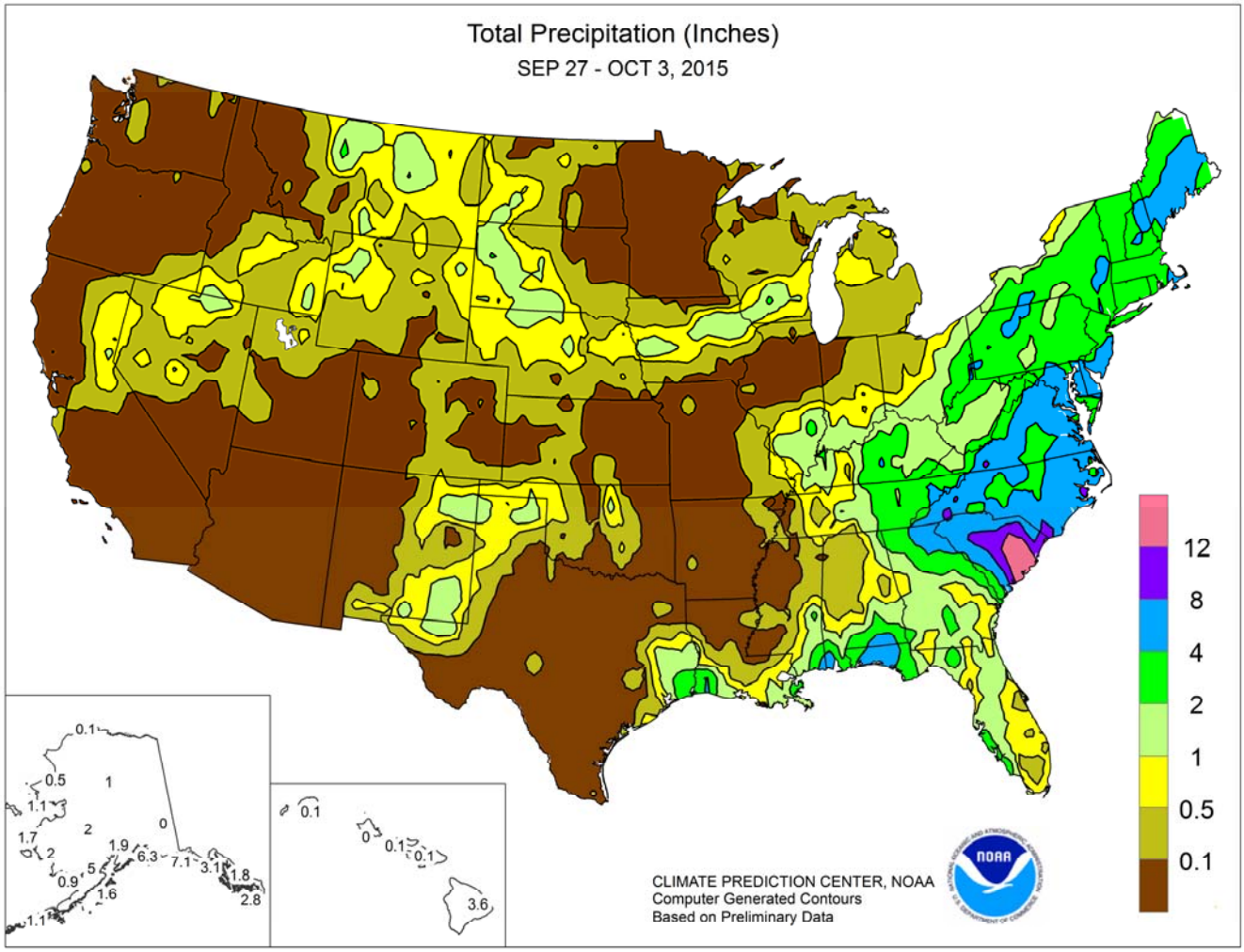
WEEKLY WEATHER AND CROP BULLETIN

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

September 27 – October 3, 2015

Highlights provided by USDA/WAOB

Although Hurricane Joaquin remained well offshore, inundating rains associated with a non-tropical low-pressure system led to extensive flooding in parts of the **Carolinas**. During the first 4 days of October, totals in excess of 20 inches were reported in parts of **central and coastal South Carolina**. In the rain's wake, major flooding engulfed portions of the **Black, Edisto, and Waccamaw River basins**, as well as several other rivers and tributaries in **central and eastern South Carolina** and **southern North Carolina**. Prior to the **Carolinas'**

(Continued on page 5)

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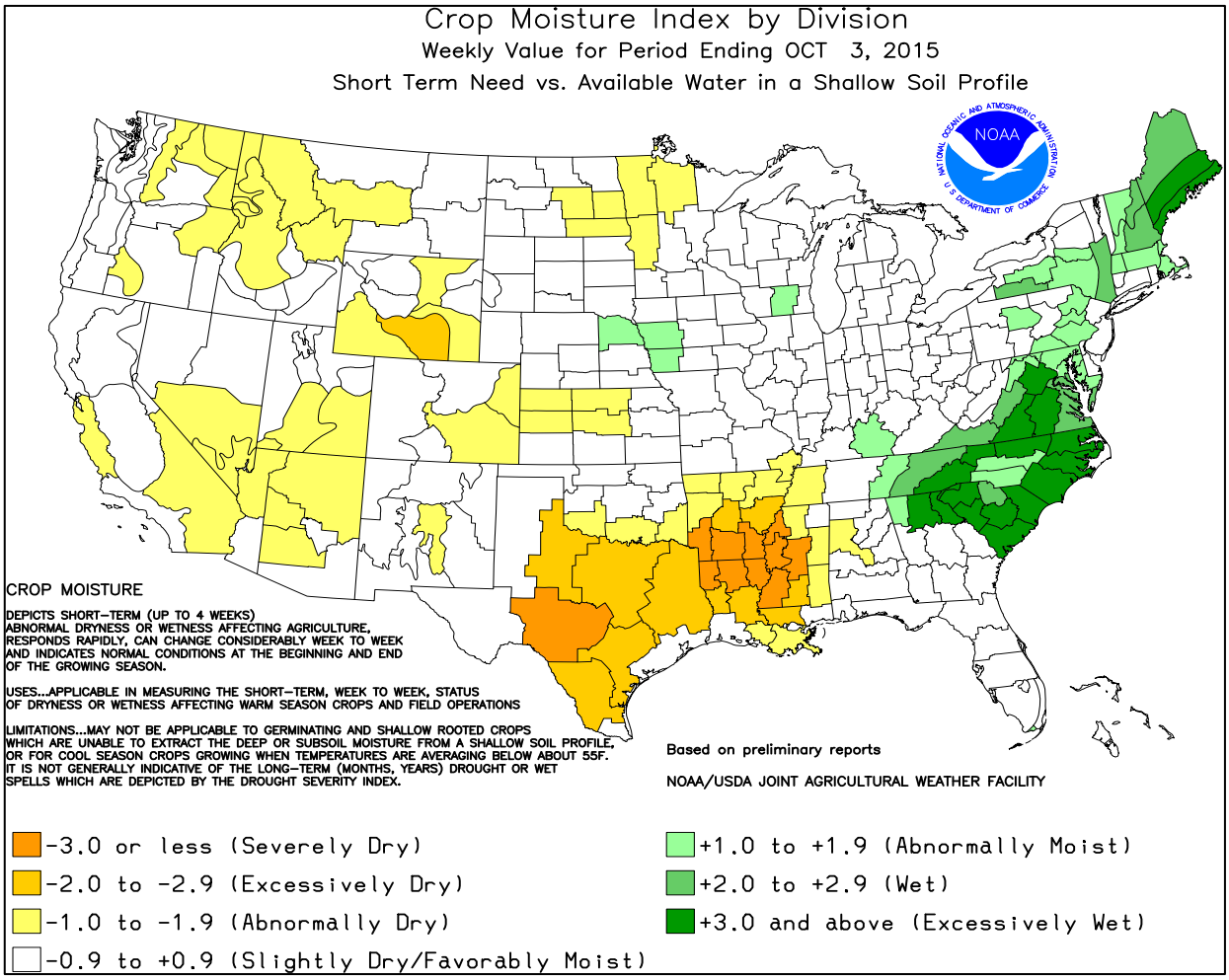
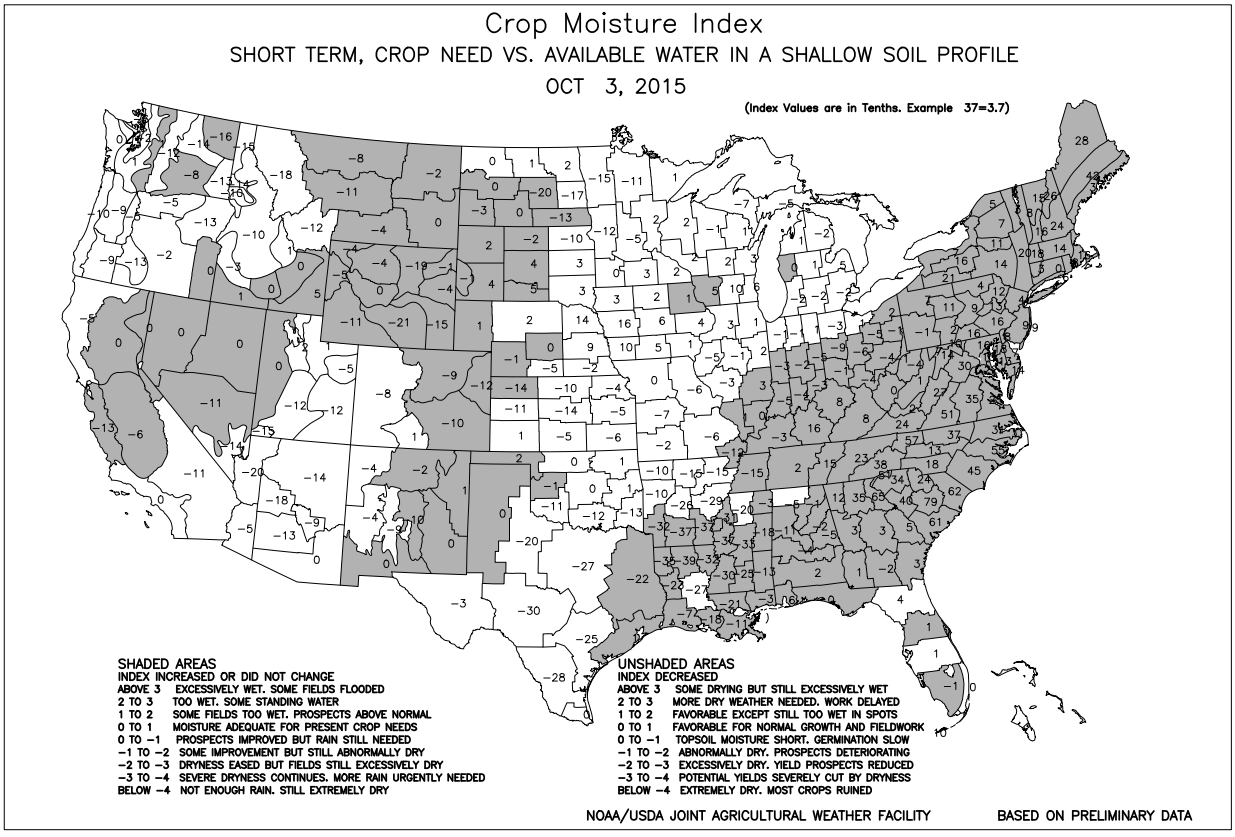
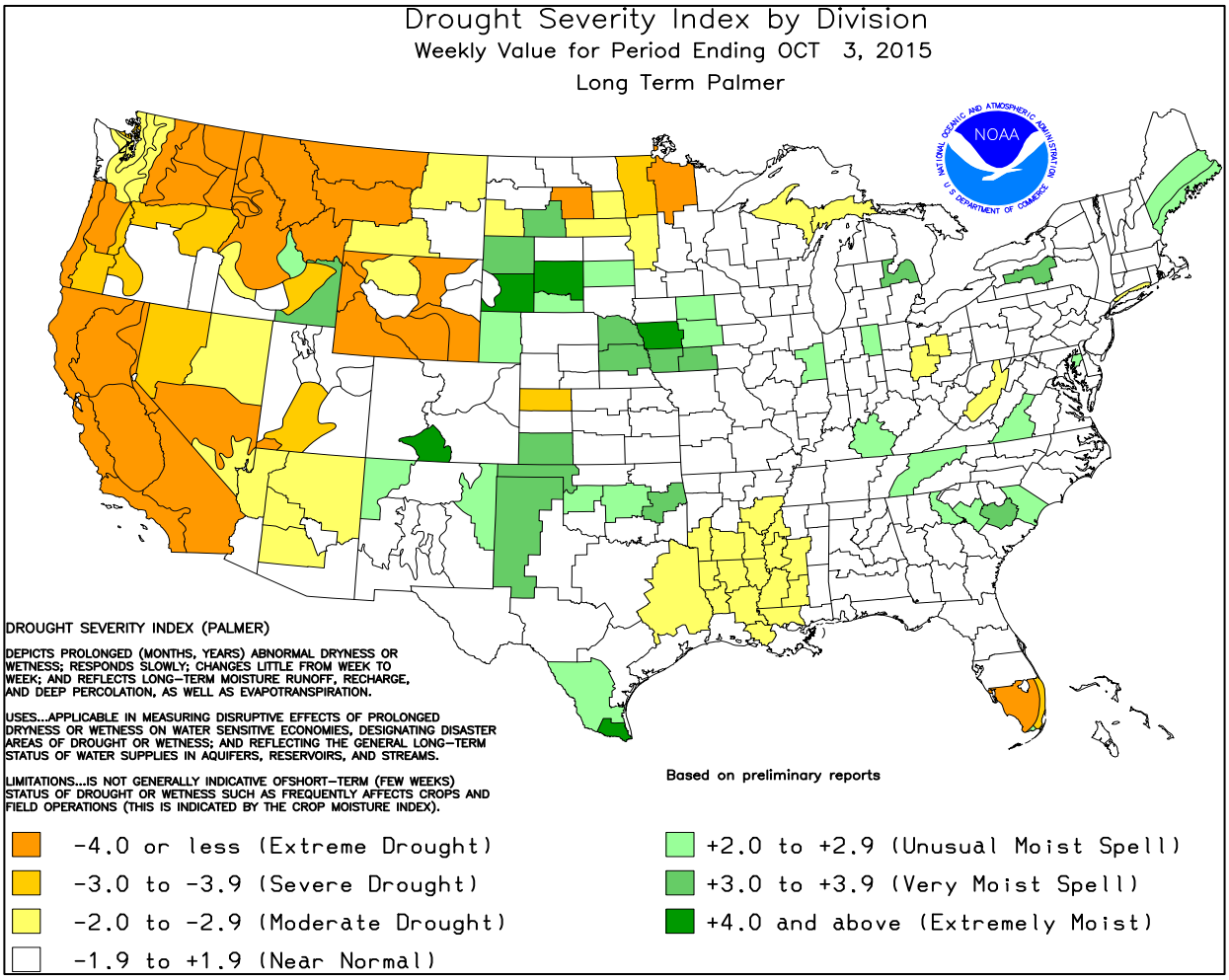
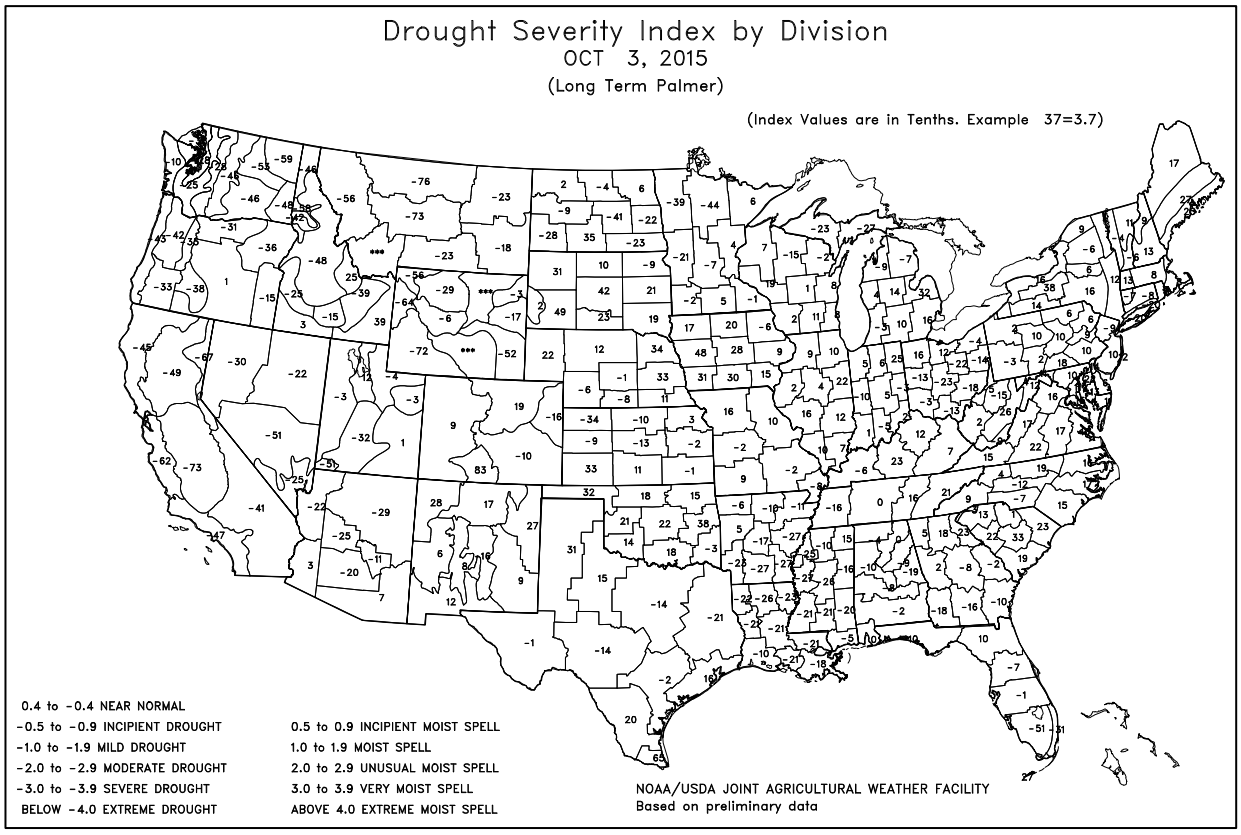
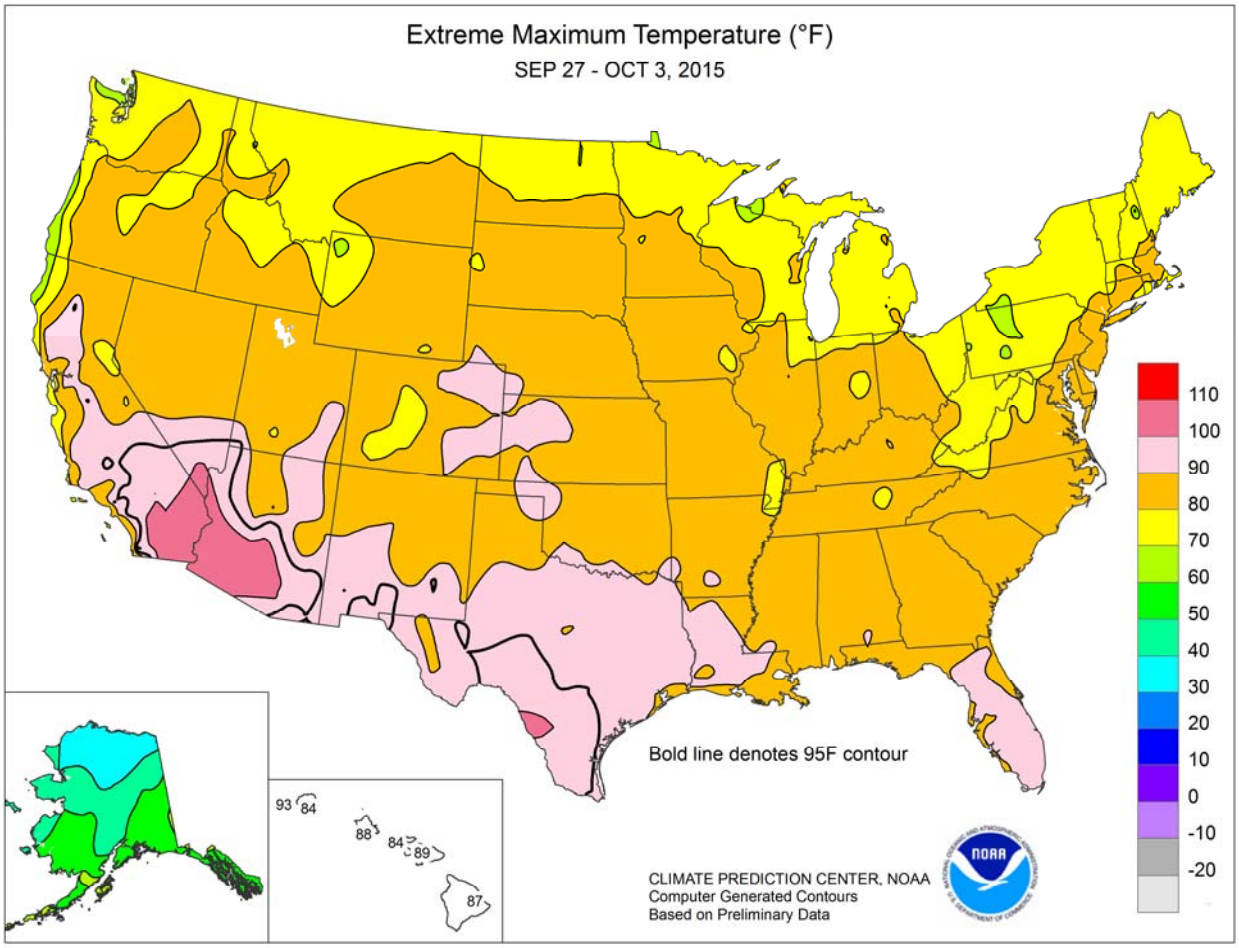
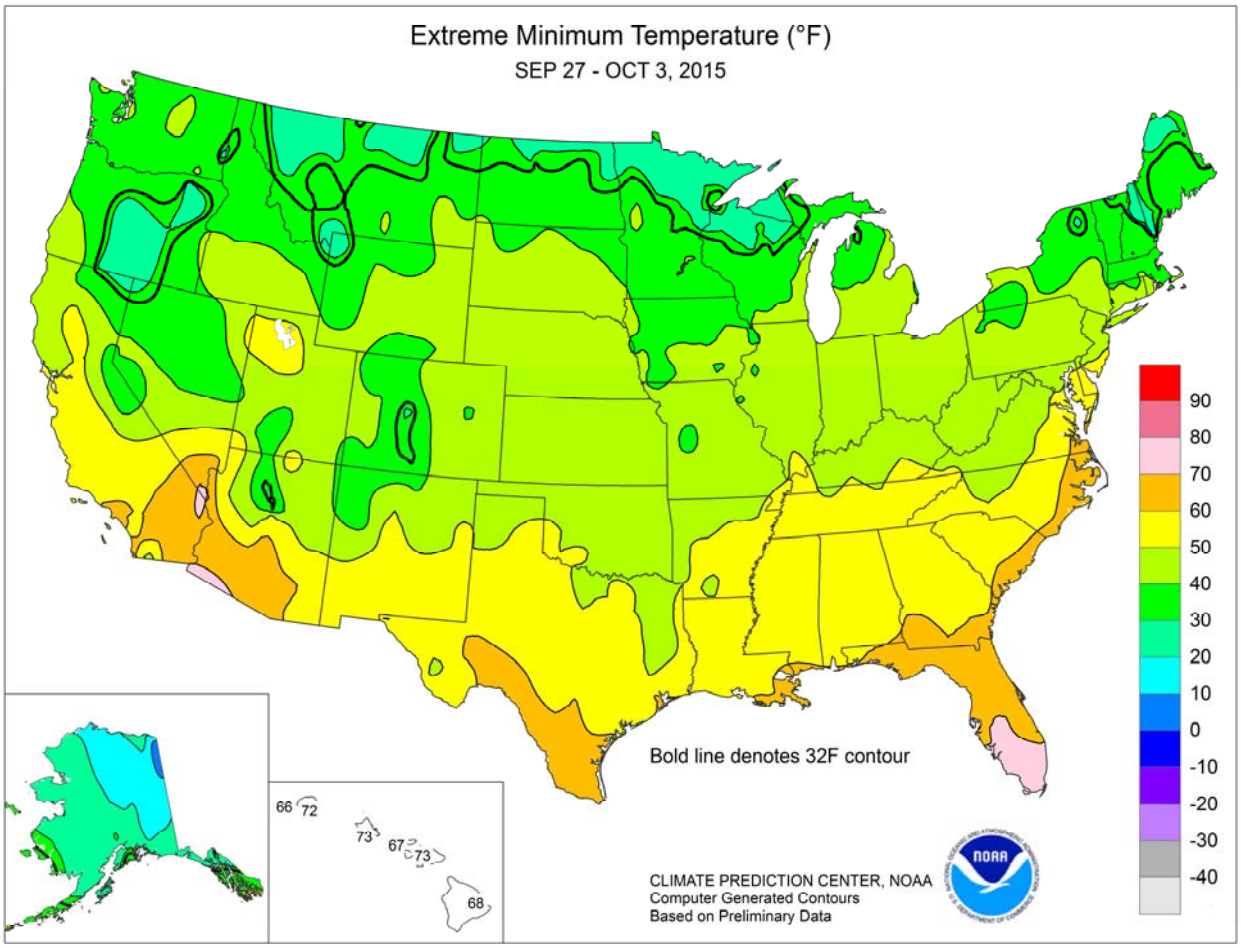

Crop Moisture Index by Division
Weekly Value for Period Ending OCT 3, 2015
Short Term Need vs. Available Water in a Shallow Soil Profile
NOAA
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND 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.
Based on preliminary reports
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
-3.0 or less (Severely 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 +2.9 (Wet)
+3.0 and above (Excessively Wet)


Crop Moisture Index
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN A SHALLOW SOIL PROFILE
OCT 3, 2015
(Index Values are in Tenths. Example 37=3.7)
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. STILL 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. MOST CROPS RUINED
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY DATA


Drought Severity Index by Division
Weekly Value for Period Ending OCT 3, 2015
Long Term Palmer
NOAA
DROUGHT SEVERITY INDEX (PALMER)
DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.
USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.
LIMITATIONS...IS NOT GENERALLY INDICATIVE OFSHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
Based on preliminary reports
-4.0 or less (Extreme Drought)
-3.0 to -3.9 (Severe Drought)
-2.0 to -2.9 (Moderate Drought)
-1.9 to +1.9 (Near Normal)
+2.0 to +2.9 (Unusual Moist Spell)
+3.0 to +3.9 (Very Moist Spell)
+4.0 and above (Extremely Moist)

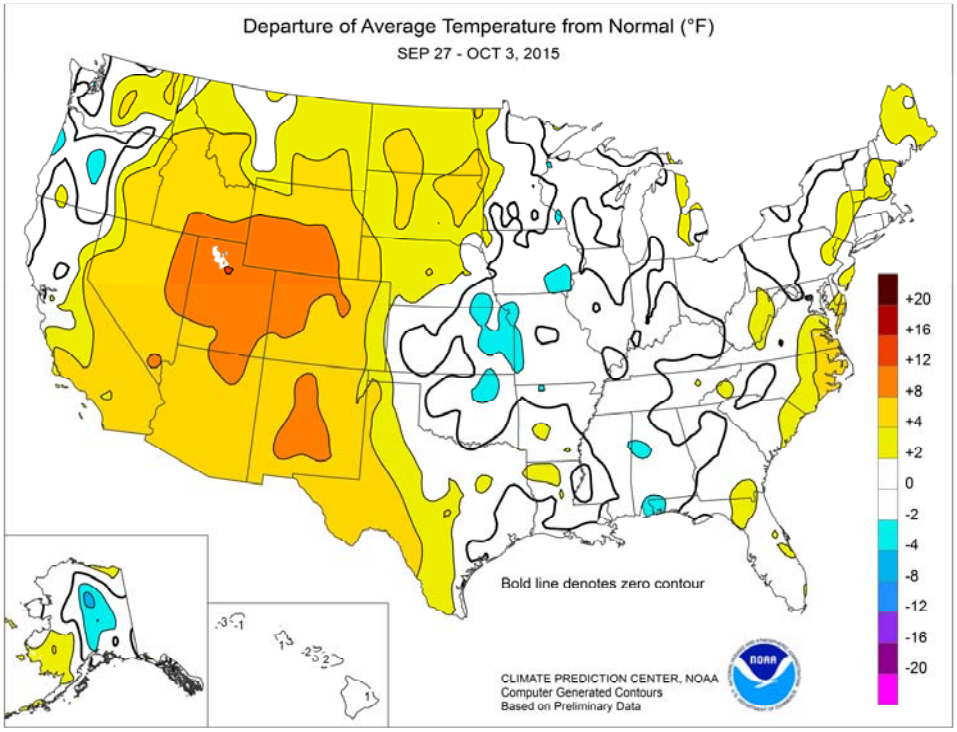

Drought Severity Index by Division
OCT 3, 2015
(Long Term Palmer)
(Index Values are in Tenths. Example 37=3.7)
0.4 to -0.4 NEAR NORMAL
-0.5 to -0.9 INCIPIENT DROUGHT
-1.0 to -1.9 MILD DROUGHT
-2.0 to -2.9 MODERATE DROUGHT
-3.0 to -3.9 SEVERE DROUGHT
BELOW -4.0 EXTREME DROUGHT
0.5 to 0.9 INCIPIENT MOIST SPELL
1.0 to 1.9 MOIST SPELL
2.0 to 2.9 UNUSUAL MOIST SPELL
3.0 to 3.9 VERY MOIST SPELL
ABOVE 4.0 EXTREME MOIST SPELL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary data


Extreme Maximum Temperature (°F)
SEP 27 - OCT 3, 2015
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
93
84
88
84
89
87
Bold line denotes 95F contour
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
SEP 27 - OCT 3, 2015
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
66
72
73
67
73
68
Bold line denotes 32F contour
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

(Continued from front cover)

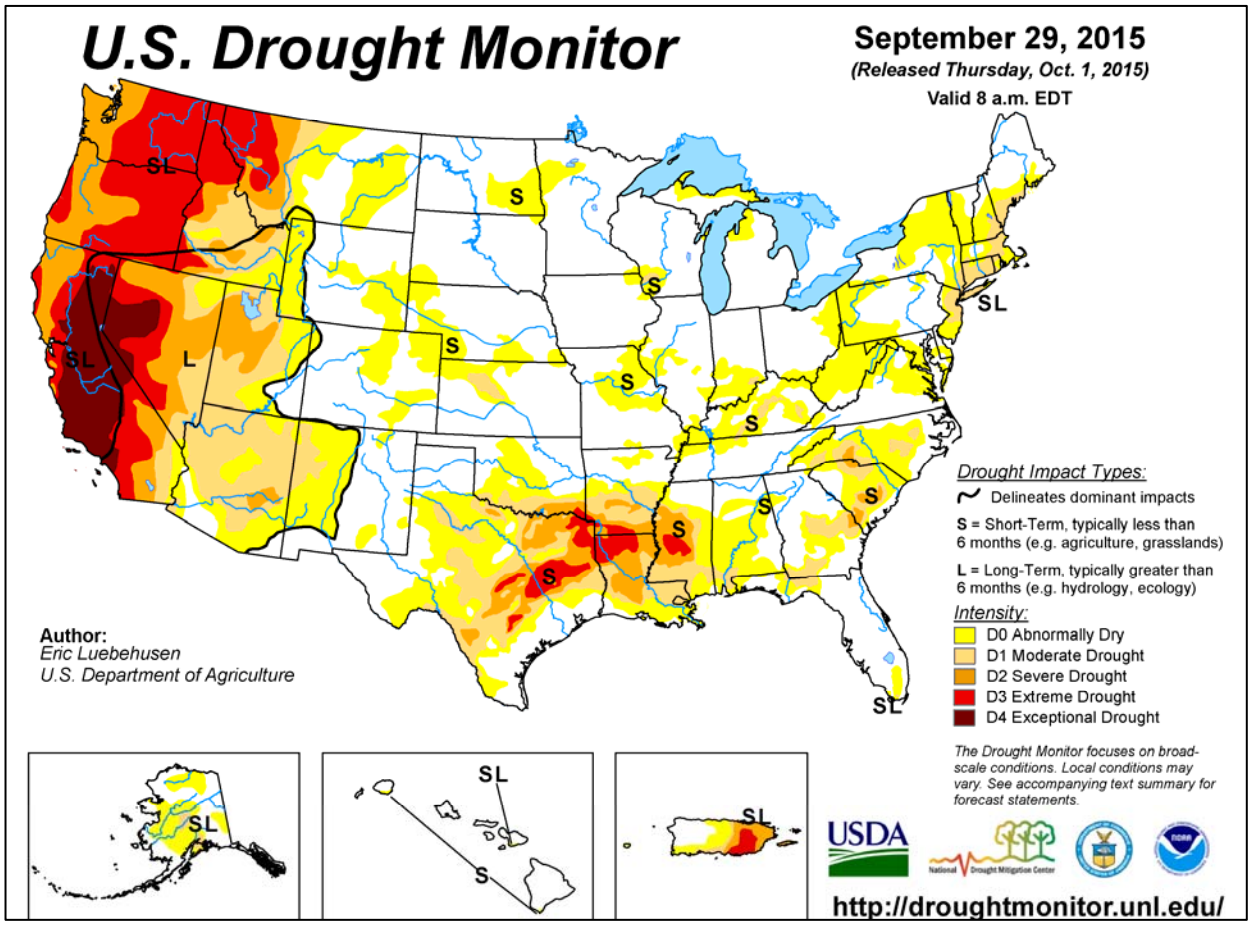
deluge, a more widespread area of heavy rain associated with a cold front erased short-term dryness but led to varying degrees of flooding in late September across the **middle and northern Atlantic States**. Cold frontal rainfall locally totaled 4 inches or more from the **mid-Atlantic region into New England**. Early-week downpours were also noted along and near the **Gulf Coast**, mainly in **southern Alabama** and **western Florida**. The wet weather pattern in the **East** reached as far west as the **Ohio Valley**, but several days of open weather across the **Plains** and **Midwest** favored summer crop maturation and harvesting, as well as winter wheat planting. Farther south, extremely dry conditions maintained significant stress on pastures from **central and eastern Texas to the Mississippi Delta**. For much of the week, warm, dry weather covered the **western half of the U.S.** Weekly temperatures averaged at least 10°F above normal in parts of the **Intermountain West**. However, precipitation increased toward week's end from **northern and central California to the northern Intermountain region**, as well as portions of the **Rockies** and adjacent **High Plains**. On the **High Plains**, the rain slowed fieldwork but provided much-needed moisture for newly planted winter wheat.

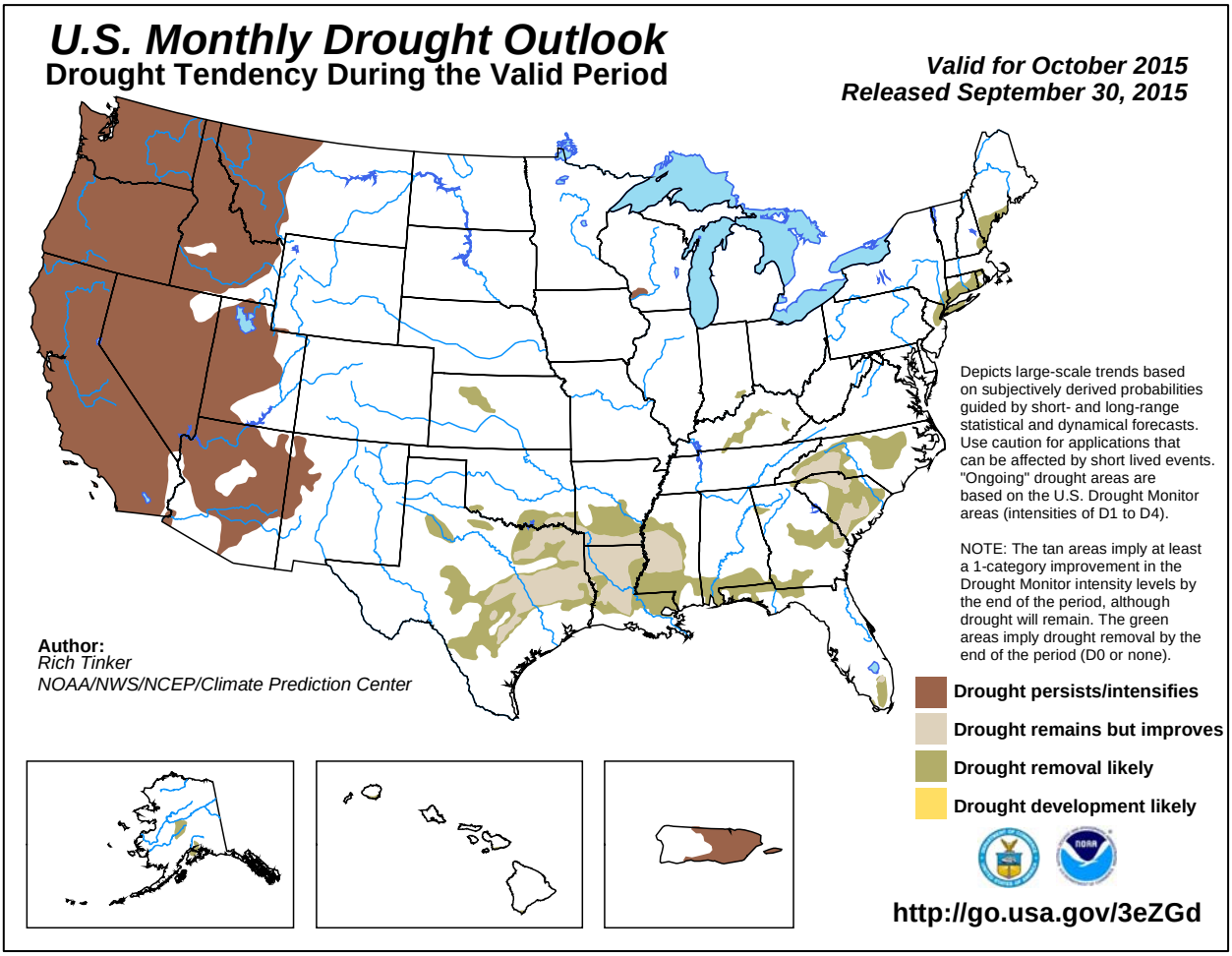


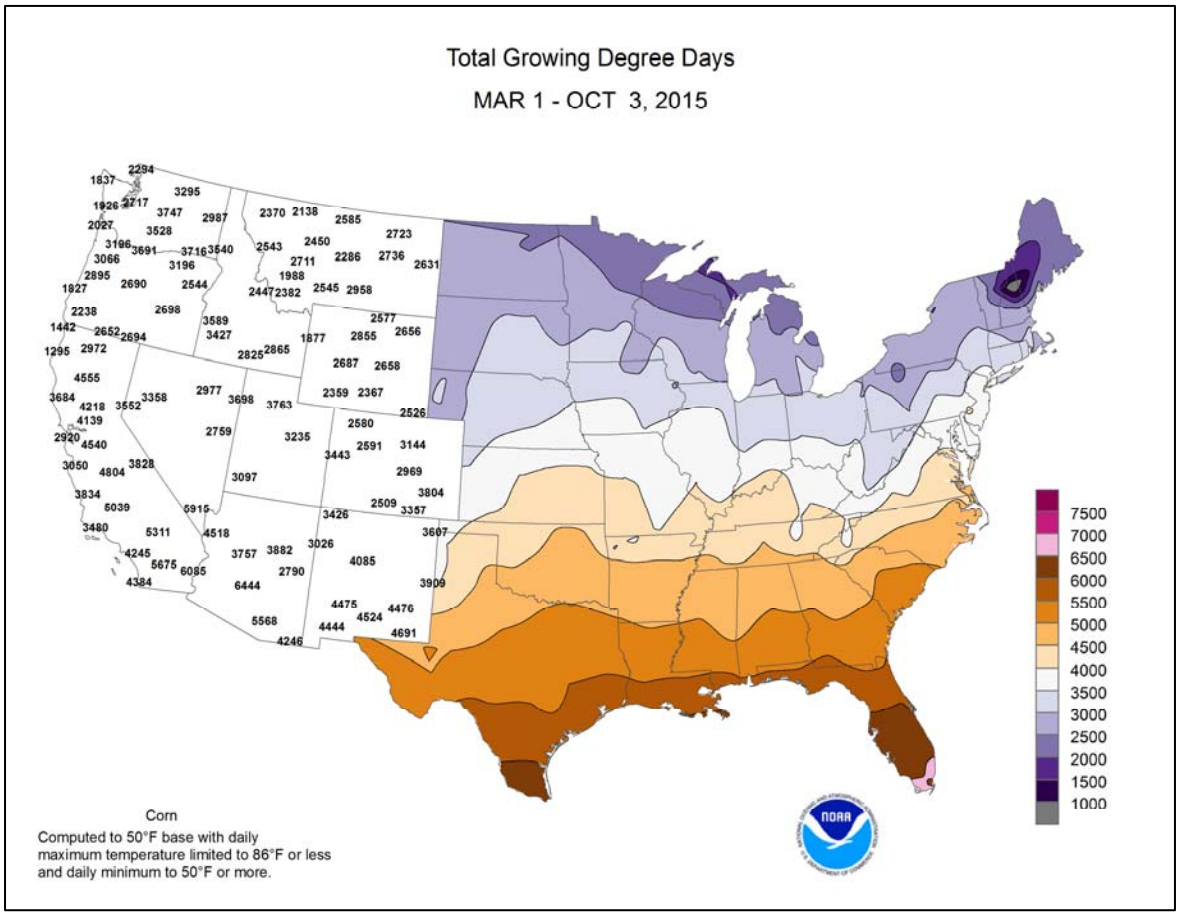
Warmth dominated the **West**, while a late-week chill settled across the **Midwest** and **East**. From September 27-29, **Albuquerque, NM**, notched a trio of daily-record highs (91, 90, and 90°F). Elsewhere in the **Southwest**, triple-digit, daily-record highs reached 107°F (on September 29) in **Needles, CA**, and 101°F (on September 30) in **Las Vegas, NV**. **Needles** and **Las Vegas** also completed their warmest September on record. On October 1, a monthly record high of 88°F was tied in **Grand Junction, CO**. Late-season warmth also spread across the **Deep South**, where daily-record highs included 95°F (on September 30) in **San Antonio, TX**, and 92°F (on October 1) in **Tampa, FL**. Farther north, however, **International Falls, MN**, tied a daily record with a low of 23°F on September 29. On October 3, high temperatures climbed to just 50°F in **Indiana** locations such as **Fort Wayne** and **Indianapolis**.

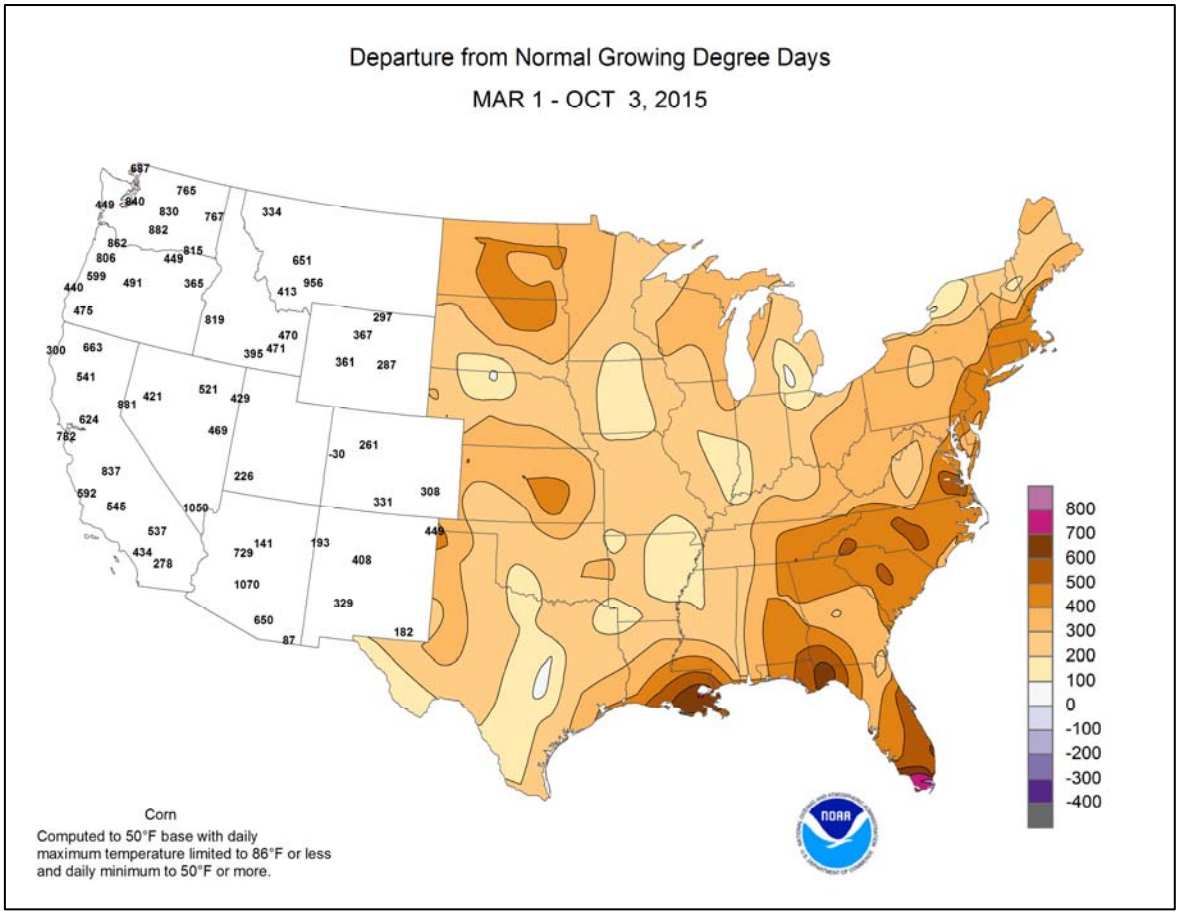
Across the **mid-South**, the driest September on record came to a close in **Pine Bluff, AR** (0.03 inch); **Shreveport, LA** (0.07 inch); and **Little Rock, AR** (0.12 inch). For **Pine Bluff**, it was the driest month since August 1999, when only a trace fell. **Little Rock** last had a drier month in August 2000, when rainfall totaled 0.04 inch. Farther east, however, rainfall intensified. September 27 featured daily-record totals in **Mobile, AL** (7.50 inches), and **Roanoke, VA** (2.19 inches). From September 24-28, rainfall in **eastern North Carolina** totaled 13.34 inches in **Beaufort** and 10.87 inches on **Cape Hatteras**. **Blacksburg, VA**, experienced its wettest September day on record on the 29th, when 4.39 inches fell (previously, 4.26 inches on September 28, 2004). Also on the 29th, **Pittsburgh, PA**—with 3.43 inches—experienced its third-wettest September day behind 5.95 inches on September 17, 2004, and 3.60 inches on September 8, 2004. On the last day of September, flooding rains struck parts of **New England**, especially **southern and eastern Maine**. Daily-record totals in **Maine** for the 30th included 5.56 inches in **Portland**, 5.27 inches in **Bangor**, and 4.18 inches in **Millinocket**. Elsewhere in the **Northeast**, daily-record amounts for September 30 reached 2.74 inches in **Albany, NY**; 2.46 inches in **Boston, MA**; and 2.02 inches in **Providence, RI**. In early October, the focus for inundating rainfall shifted to the **Carolinas**, where October 1-5 totals included 17.32 inches in **Charleston, SC**; 15.53 inches in **North Myrtle Beach, SC**; 12.36 inches in **Wilmington, NC**; and 11.52 inches in **Columbia, SC**. **Charleston** weathered its wettest day on record, with 11.50 inches on October 3 (previously, 10.52 inches on September 21, 1998). **Columbia** also endured its all-time wettest day, with 6.87 inches on October 4 (previously, 5.79 inches on July 9, 1959). Outside of the **Carolinas**, another round of heavy rain on October 2 led to daily-record amounts in locations such as **New York's JFK Airport** (1.81 inches) and **Georgetown, DE** (1.69 inches). At week's end, heavy showers erupted across the **High Plains**. **Great Falls, MT**, experienced its wettest October day, with 2.28 inches on the 2nd (previously, 1.39 inches on October 2, 1908). October 3-4 precipitation in **Great Falls** totaled 2.38 inches, including 3.7 inches of snow. Farther south, **Dalhart, TX** (1.22 inches), and **Roswell, NM** (0.89 inch) measured daily-record rainfall totals for October 3.

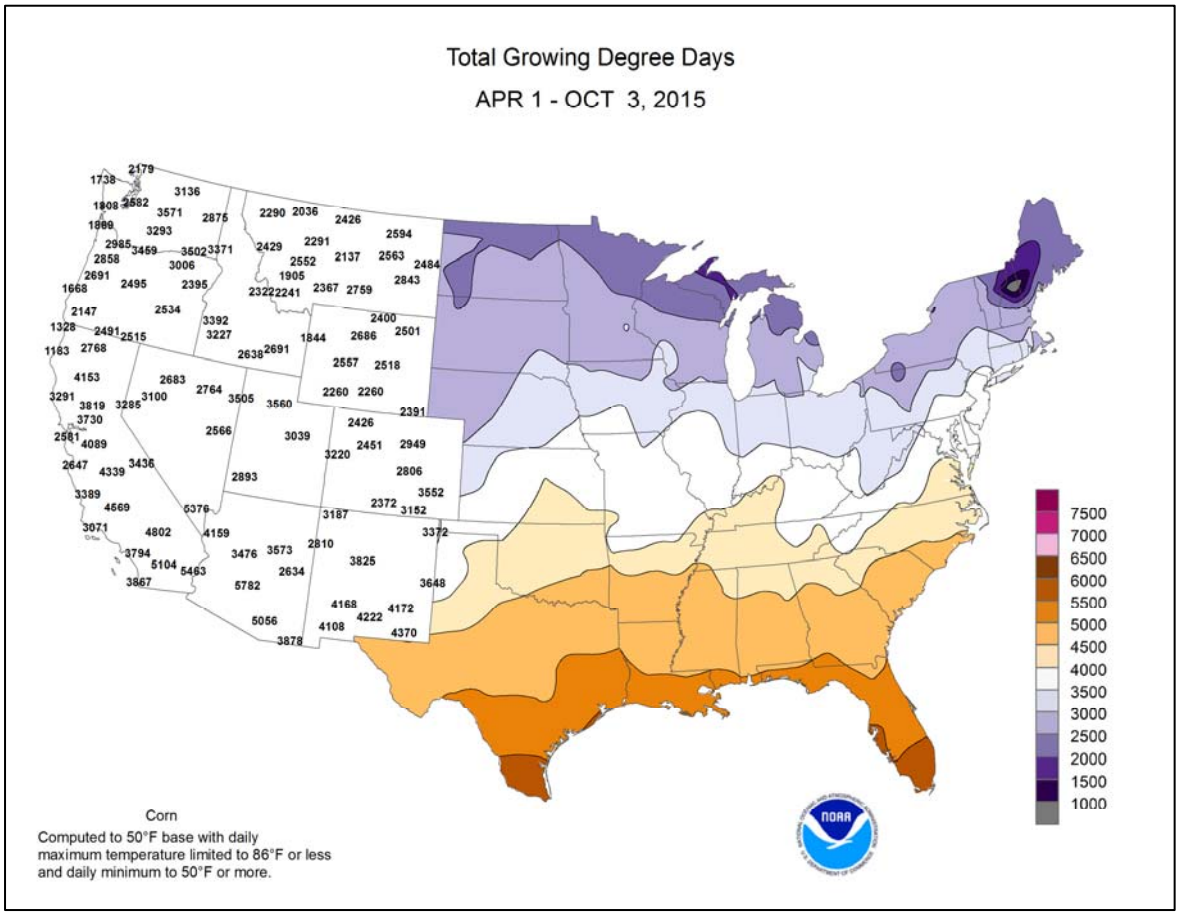
Very wet and occasionally snowy weather continued in many parts of **Alaska**, although weekly temperatures rebounded to near- or above-normal levels in western and southern parts of the state. On September 27, in fact, **Kodiak** (64°F) and **Cold Bay** (62°F) posted daily-record highs. Farther inland, however, a storm system resulted in the snowiest September day on record in **Fairbanks**. Snowfall in **Fairbanks** totaled 11.2 inches on September 29—and 20.9 inches during the last 6 days of the month. Previously, **Fairbanks'** snowiest September day had been September 13, 1992, when 7.8 inches fell. Daily-record precipitation totals were set in numerous **Alaskan** locations, including **Yakutat** (3.77 inches on September 29); **Sitka** (2.93 inches on September 29); **Bethel** (1.63 inches on September 27); **Juneau** (1.62 inches on September 29); **Anchorage** (1.56 inches on September 29); **McGrath** (0.97 inch on September 27); **Nome** (0.84 inch on October 1); **Fairbanks** (0.74 inch on September 29); and **Bettles** (0.50 inch on September 28). **Anchorage** also completed its wettest September on record (7.71 inches; previously, 7.61 inches in 2004), aided by a 3.15-inch total during the last 5 days of the month. With a 2.8-inch snowfall on September 29-30, **Anchorage** completed its snowiest September since 2004. Meanwhile, cooler, drier air overspread **Hawaii**, even as the **Central Pacific Basin** teemed with tropical activity. The early-October formation of Tropical Depression Eight-C and Hurricane Oho boosted the record-setting total of **Central Pacific** storms to thirteen. In addition, Oho was the year's seventh hurricane to prowl the **Central Pacific Basin**. In **Kahului, Maui**, October 3 was the last of 112 consecutive days (June 14 – October 3) without a below-normal daily average temperature. Heavy showers lingered across **Hawaii** early in the week and returned to the **Big Island** at week's end. **Hilo**, on the **Big Island**, netted a weekly rainfall of at least 8.40 inches, much of which fell on September 27 (2.71 inches) and October 3 (a daily-record sum of 4.89 inches). Early-week rainfall was particularly heavy on windward sections of the **Big Island**, where 24-hour totals on September 27-28 included 7.90 inches in **Piihonua** and 5.82 inches in **Mountain View**. Late-week downpours were mostly limited to the **Big Island**, where 24-hour totals on October 3-4 climbed to 8.28 inches in **Honokaa**, 4.43 inches in **Mountain View**, and 4.18 inches in **Piihonua**.

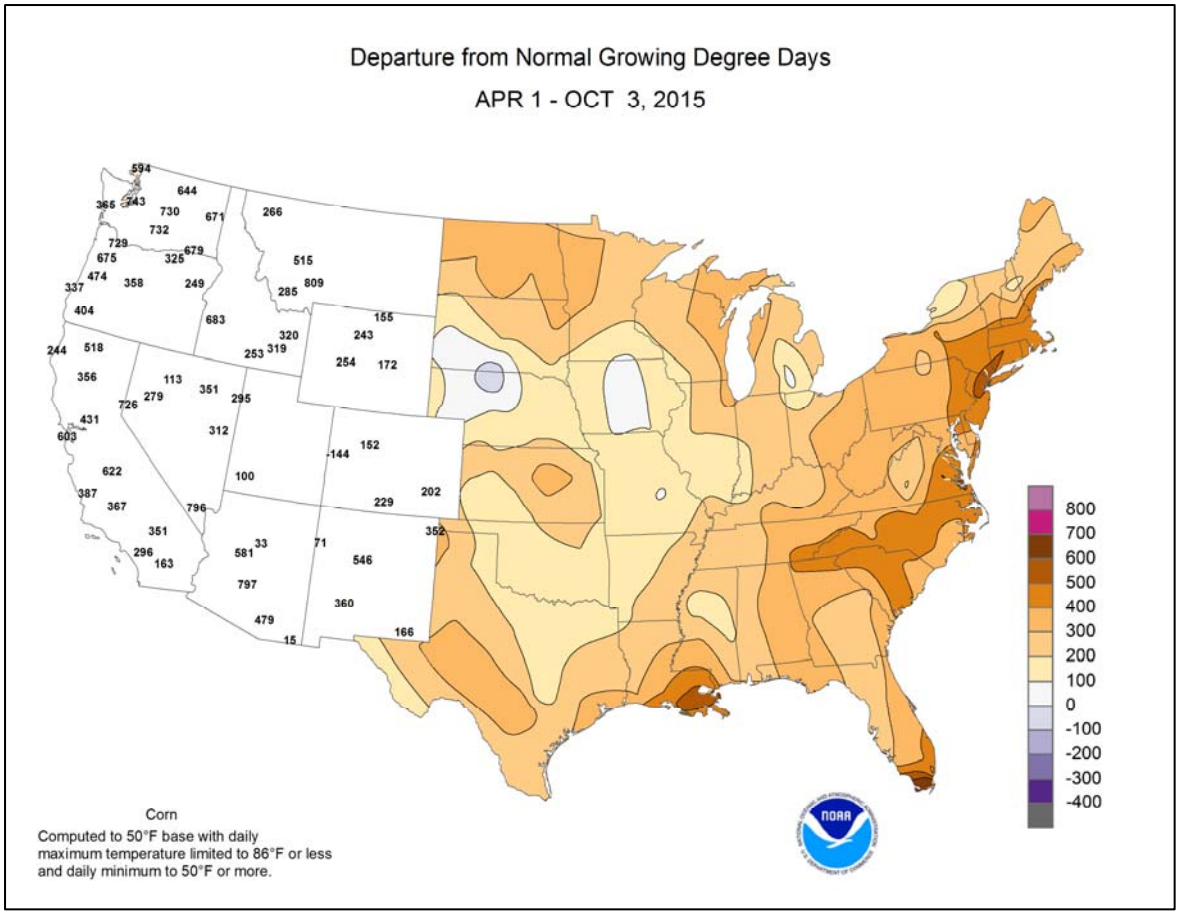

U.S. Drought Monitor
September 29, 2015
(Released Thursday, Oct. 1, 2015)
Valid 8 a.m. EDT
Author:
Eric Luebehusen
U.S. Department of Agriculture
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.
USDA
http://droughtmonitor.unl.edu/


U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for October 2015
Released September 30, 2015
Author:
Rich Tinker
NOAA/NWS/NCEP/Climate Prediction Center
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/intensifies
Drought remains but improves
Drought removal likely
Drought development likely
http://go.usa.gov/3eZGd


Total Growing Degree Days
MAR 1 - OCT 3, 2015
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 - OCT 3, 2015
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 - OCT 3, 2015
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 - OCT 3, 2015
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 October 3, 2015

Data Provided by Climate Prediction Center

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 SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL	BIRMINGHAM	74	64	87	53	69	-1	0.20	-0.66	0.12	1.52	35	43.59	104	95	73	0	0	3	0
	HUNTSVILLE	74	64	89	55	69	1	0.17	-0.76	0.09	1.04	22	42.71	98	84	69	0	0	5	0
	MOBILE	77	67	86	58	72	-2	7.83	6.77	7.49	9.89	154	56.96	107	94	75	0	0	3	1
	MONTGOMERY	77	66	88	58	72	0	2.27	1.43	1.17	4.29	94	35.38	82	91	67	0	0	2	2
AK	ANCHORAGE	47	35	52	28	41	-2	3.26	2.67	1.69	8.06	258	15.37	127	95	86	0	2	6	2
	BARROW	32	23	34	17	27	2	0.13	0.02	0.05	0.52	70	5.23	148	97	71	0	7	4	0
	FAIRBANKS	38	29	46	20	33	-5	1.85	1.64	0.87	3.91	323	11.87	147	94	85	0	5	6	1
	JUNEAU	53	41	57	29	47	0	3.09	1.11	1.15	11.57	138	63.38	158	94	87	0	2	5	3
	KODIAK	54	41	64	29	47	1	1.59	-0.45	0.77	3.24	37	50.78	95	84	70	0	1	5	1
	NOME	40	31	44	24	36	-2	1.15	0.71	0.82	2.62	97	12.86	100	89	82	0	5	4	1
AZ	FLAGSTAFF	75	42	79	29	58	4	0.00	-0.44	0.00	1.25	54	19.66	112	75	22	0	1	0	0
	PHOENIX	102	77	106	70	90	8	0.00	-0.17	0.00	0.81	99	5.96	101	35	22	7	0	0	0
	PRESCOTT	85	55	90	45	70	8	0.00	-0.37	0.00	0.34	15	14.28	92	61	18	2	0	0	0
	TUCSON	98	68	101	63	83	5	0.00	-0.30	0.00	2.52	159	10.64	113	47	24	7	0	0	0
AR	FORT SMITH	82	59	88	49	71	1	0.00	-0.85	0.00	2.57	65	52.18	163	87	35	0	0	0	0
	LITTLE ROCK	80	63	87	53	72	2	0.00	-0.85	0.00	0.11	3	38.97	106	82	44	0	0	0	0
CA	BAKERSFIELD	89	65	96	59	77	3	0.00	-0.03	0.00	0.00	0	2.66	55	53	34	3	0	0	0
	FRESNO	84	64	93	58	74	3	0.05	-0.02	0.05	0.18	60	3.84	47	63	48	1	0	1	0
	LOS ANGELES	81	67	82	65	74	5	0.00	-0.03	0.00	1.81	670	4.73	48	88	60	0	0	0	0
	REDDING	87	57	96	52	72	2	0.02	-0.15	0.02	0.57	102	7.38	32	59	33	3	0	1	0
	SACRAMENTO	83	57	92	53	70	0	0.03	-0.05	0.02	0.05	13	5.10	41	84	31	2	0	2	0
	SAN DIEGO	81	69	83	67	75	5	0.00	-0.03	0.00	1.24	564	7.04	88	82	66	0	0	0	0
	SAN FRANCISCO	71	57	76	55	64	1	0.02	-0.03	0.02	0.02	9	3.65	27	83	72	0	0	1	0
	STOCKTON	83	58	90	53	71	1	0.21	0.13	0.20	0.27	73	3.17	33	76	52	2	0	2	0
CO	ALAMOSA	77	38	81	31	57	7	0.33	0.16	0.33	0.79	82	7.77	133	81	31	0	1	1	0
	CO SPRINGS	76	51	88	48	64	8	0.24	0.10	0.13	0.54	42	23.37	149	89	36	0	0	4	0
	DENVER INTL	80	53	90	46	67	10	0.12	-0.10	0.07	0.16	14	13.76	115	83	30	1	0	2	0
	GRAND JUNCTION	84	57	88	45	70	9	0.00	-0.22	0.00	0.79	79	9.01	132	42	25	0	0	0	0
	PUEBLO	81	54	92	49	67	7	0.01	-0.10	0.01	0.04	4	15.07	139	79	52	2	0	1	0
CT	BRIDGEPORT	68	55	80	48	62	1	2.02	1.24	0.91	3.61	92	27.19	80	89	74	0	0	5	2
	HARTFORD	69	50	85	40	60	2	2.59	1.69	1.94	5.03	112	30.44	87	89	63	0	0	5	1
DC	WASHINGTON	71	60	83	50	65	-1	3.64	2.79	1.65	4.66	113	37.56	124	93	77	0	0	4	3
DE	WILMINGTON	71	58	82	49	64	1	3.20	2.32	1.39	4.16	95	39.19	117	94	70	0	0	5	2
FL	DAYTONA BEACH	85	74	89	65	79	1	0.68	-0.66	0.31	5.60	78	36.88	93	96	71	0	0	5	0
	JACKSONVILLE	82	71	88	63	76	1	0.51	-1.01	0.35	8.71	102	39.90	90	97	76	0	0	4	0
	KEY WEST	87	80	89	77	84	2	1.64	0.52	1.53	6.33	107	28.84	95	85	69	0	0	3	1
	MIAMI	89	76	92	75	83	2	0.51	-1.16	0.50	9.98	110	40.00	84	91	57	3	0	2	1
	ORLANDO	88	74	91	68	81	2	0.53	-0.50	0.47	5.99	97	50.05	121	94	63	3	0	2	0
	PENSACOLA	75	68	87	61	72	-3	0.00	-1.11	0.00	0.00	0	45.70	88	89	67	0	0	0	0
	TALLAHASSEE	82	72	88	64	77	2	0.74	-0.15	0.23	3.31	62	40.59	78	91	75	0	0	4	0
	TAMPA	88	75	92	71	82	2	2.13	1.04	1.68	5.66	81	61.08	157	91	63	2	0	4	1
	WEST PALM BEACH	89	75	91	70	82	1	0.21	-1.36	0.21	8.43	96	39.30	82	94	61	2	0	1	0
GA	ATHENS	73	63	88	55	68	0	2.97	2.19	2.04	5.88	152	40.90	110	95	84	0	0	6	1
	ATLANTA	73	65	85	57	69	0	1.62	0.76	0.71	4.79	108	46.20	117	91	79	0	0	6	2
	AUGUSTA	77	66	86	56	71	1	1.91	1.18	1.67	5.86	150	32.23	90	96	80	0	0	6	1
	COLUMBUS	76	67	87	58	71	-1	1.06	0.47	0.50	2.23	67	35.62	93	96	70	0	0	7	1
	MACON	75	65	89	57	70	0	0.58	-0.05	0.29	2.22	63	29.13	82	96	80	0	0	5	0
	SAVANNAH	79	68	87	60	74	1	1.60	0.73	0.68	3.77	69	39.92	96	96	78	0	0	5	2
HI	HILO	84	70	87	68	77	1	3.62	1.80	1.85	25.32	256	94.91	104	89	74	0	0	6	2
	HONOLULU	87	76	88	73	82	1	0.02	-0.29	0.01	4.52	508	15.82	142	73	65	0	0	2	0
	KAHULUI	88	74	89	73	81	2	0.11	0.02	0.05	0.57	133	22.99	183	80	66	0	0	4	0
	LIHUE	83	74	84	72	78	-1	0.05	-0.72	0.02	5.16	170	22.64	87	74	66	0	0	3	0
ID	BOISE	78	53	85	47	65	5	0.04	-0.12	0.03	0.67	81	6.78	78	59	40	0	0	2	0
	LEWISTON	76	48	81	40	62	3	0.01	-0.16	0.01	0.67	77	6.78	71	51	36	0	0	1	0
	POCATELLO	76	48	86	42	62	8	0.60	0.41	0.56	1.47	152	8.39	89	75	48	0	0	1	1
IL	CHICAGO/O'HARE	65	55	77	48	60	1	0.41	-0.16	0.40	4.65	132	28.28	100	80	66	0	0	2	0
	MOLINE	71	50	83	43	61	1	0.00	-0.60	0.00	3.01	88	31.49	103	81	53	0	0	0	0
	PEORIA	72	55	82	46	63	2	0.01	-0.68	0.01	3.26	96	35.49	126	81	47	0	0	1	0
	ROCKFORD	68	52	81	45	60	2	0.29	-0.36	0.29	3.28	88	27.82	94	83	60	0	0	1	0
	SPRINGFIELD	73	53	83	44	63	0	0.02	-0.57	0.02	4.29	139	32.07	115	88	48	0	0	1	0
IN	EVANSVILLE	72	58	85	49	65	0	0.99	0.38	0.90	1.12	35	38.68	114	86	65	0	0	4	1
	FORT WAYNE	68	52	82	46	60	1	0.14	-0.42	0.06	3.15	103	38.80	137	86	56	0	0	3	0
	INDIANAPOLIS	69	55	84	47	62	0	0.41	-0.17	0.27	1.85	59	38.02	120	83	57	0	0	3	0
	SOUTH BEND	67	50	79	41	59	0	0.12	-0.66	0.12	4.18	101	28.45	94	86	60	0	0	1	0
IA	BURLINGTON	71	51	82	44	61	-1	0.04	-0.72	0.04	1.04	27	29.63	97	92	48	0	0	1	0
	CEDAR RAPIDS	68	48	81	43	58	-1	0.69	0.12	0.69	4.82	137	30.46	110	96	50	0	0	1	1
	DES MOINES	71	50	85	44	61	1	0.79	0.20	0.79	5.30	156	34.46	119	80	51	0	0	1	1
	DUBUQUE	67	47	79	40	57	-1	1.12	0.49	1.12	3.04	80	25.89	89	88	58	0	0	1	1
	SIOUX CITY	71	47	82	41	59	1	0.42	-0.08	0.32	3.05	116	26.79	121	84	50	0	0	2	0
	WATERLOO	70	44	84	36	57	-1	1.20	0.64	0.95	2.59	81	27.82	101	91	48	0	0	2	1
KS	CONCORDIA	74	50	87	41	62	-2	0.00	-0.51	0.00	1.21	45	23.14	94	80	44	0	0	0	0
	DODGE CITY	72	52	88	46	62	-3	0.19	-0.14	0.13	1.08	59	20.76	108	91	51	0	0	3	0
	GOODLAND	69	52	90	44	61	2	0.19	-0.03	0.13	1.13	93	17.87	102	90	69	1	0	2	0
	TOPEKA	73	50	84	41	62	-2	0.00	-0.77	0.00	7.43	184	40.67	139	89	54	0	0	0	0

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending October 3, 2015

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 SEP 1	PCT. NORMAL SINCE SEP 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	79	56	86	50	67	1	0.05	-0.59	0.05	2.18	67	34.49	138	80	46	0	0	1	0
KY	JACKSON	66	57	82	48	62	-2	1.67	0.89	0.54	3.18	78	48.95	129	95	82	0	0	6	2
	LEXINGTON	68	58	83	47	63	-1	2.49	1.83	1.30	3.85	114	47.14	131	92	77	0	0	5	3
	LOUISVILLE	70	59	85	49	65	-1	2.17	1.52	1.44	3.06	92	46.13	134	86	65	0	0	5	2
	PADUCAH	73	59	82	51	66	1	0.58	-0.25	0.54	0.99	25	41.41	111	86	59	0	0	4	1
LA	BATON ROUGE	84	66	91	54	75	1	0.14	-0.79	0.07	2.21	42	49.60	100	88	50	1	0	3	0
	LAKE CHARLES	84	66	91	56	75	0	1.18	-0.01	0.91	5.70	89	51.66	116	87	54	1	0	3	1
	NEW ORLEANS	81	70	89	62	76	0	1.20	0.29	1.18	2.72	46	49.11	96	78	63	0	0	2	1
	SHREVEPORT	87	65	92	57	76	3	0.01	-0.85	0.01	0.07	2	44.92	118	79	37	3	0	1	0
ME	CARIBOU	63	41	74	32	52	3	1.74	1.07	1.41	3.85	108	26.33	93	87	54	0	1	3	1
	PORTLAND	67	48	75	35	58	4	5.90	5.06	5.56	7.06	189	33.83	103	88	60	0	0	2	1
MD	BALTIMORE	69	57	80	48	63	0	4.77	3.91	2.58	5.31	122	41.54	127	95	82	0	0	6	3
MA	BOSTON	67	54	84	48	61	1	2.59	1.81	2.46	4.03	106	26.82	85	90	64	0	0	4	1
	WORCESTER	65	48	79	42	57	1	2.84	1.82	2.37	4.47	95	31.19	85	94	57	0	0	5	1
MI	ALPENA	63	48	81	40	56	4	0.20	-0.36	0.14	1.24	41	15.88	71	84	49	0	0	3	0
	GRAND RAPIDS	65	49	78	40	57	0	0.22	-0.60	0.22	2.69	58	24.33	85	89	56	0	0	1	0
	HOUGHTON LAKE	62	44	76	35	53	0	0.17	-0.40	0.14	3.64	109	20.16	90	90	59	0	0	2	0
	LANSING	65	50	79	42	57	1	0.26	-0.37	0.23	1.58	42	27.92	113	79	57	0	0	3	0
	MUSKEGON	66	49	75	42	57	1	0.26	-0.40	0.25	2.60	69	25.71	105	85	59	0	0	2	0
	TRAVERSE CITY	65	48	81	37	56	1	0.58	-0.16	0.55	3.41	88	20.31	80	86	48	0	0	2	1
MN	DULUTH	62	41	78	34	51	0	0.02	-0.74	0.02	6.83	154	23.98	93	86	50	0	0	1	0
	INT'L FALLS	63	31	71	23	47	-2	0.03	-0.55	0.03	1.18	36	17.66	88	94	41	0	4	1	0
	MINNEAPOLIS	67	48	82	41	58	2	0.00	-0.46	0.00	4.69	163	26.74	109	76	47	0	0	0	0
	ROCHESTER	66	44	80	35	55	1	0.01	-0.55	0.01	2.89	86	28.07	106	86	50	0	0	1	0
	ST. CLOUD	67	41	83	32	54	1	0.00	-0.52	0.00	2.26	72	25.87	113	92	35	0	1	0	0
MS	JACKSON	79	65	86	56	72	1	0.18	-0.52	0.17	0.95	27	37.54	88	87	53	0	0	2	0
	MERIDIAN	76	64	86	54	70	-2	2.66	1.85	2.66	3.60	90	39.30	86	90	72	0	0	1	1
	TUPELO	74	62	82	54	68	-1	0.30	-0.48	0.17	0.41	11	52.97	127	88	69	0	0	2	0
MO	COLUMBIA	74	52	83	42	63	0	0.03	-0.69	0.03	1.17	31	33.53	107	94	45	0	0	1	0
	KANSAS CITY	72	51	83	41	62	-2	0.00	-1.06	0.00	5.73	113	37.65	121	92	50	0	0	0	0
	SAINT LOUIS	73	57	84	47	65	-1	1.03	0.40	1.03	3.11	97	42.07	142	77	58	0	0	1	1
	SPRINGFIELD	75	52	85	43	64	-1	0.00	-0.98	0.00	4.05	77	39.59	116	88	61	0	0	0	0
MT	BILLINGS	71	48	85	41	59	4	0.77	0.44	0.76	1.05	71	10.87	89	65	36	0	0	2	1
	BUTTE	66	37	76	30	52	5	0.15	-0.05	0.10	2.52	215	9.32	85	85	33	0	3	3	0
	CUT BANK	66	33	76	26	50	1	0.27	0.11	0.27	2.73	220	8.21	72	81	34	0	2	1	0
	GLASGOW	69	42	78	34	56	4	0.72	0.53	0.57	1.17	110	10.67	108	71	45	0	0	2	1
	GREAT FALLS	67	37	79	29	52	1	2.23	2.01	2.23	4.77	361	12.83	100	79	33	0	3	1	1
	HAVRE	67	38	76	28	52	0	0.81	0.62	0.68	2.49	224	10.98	110	84	49	0	2	2	1
	MISSOULA	70	39	81	29	55	4	0.01	-0.19	0.01	0.45	39	6.59	60	67	38	0	2	1	0
NE	GRAND ISLAND	72	52	84	46	62	2	0.10	-0.33	0.10	3.25	125	19.91	89	81	51	0	0	1	0
	LINCOLN	73	48	88	40	60	-1	0.80	0.23	0.80	4.94	157	34.28	142	87	51	0	0	1	1
	NORFOLK	71	50	85	41	60	1	0.60	0.16	0.48	2.91	119	22.30	97	83	47	0	0	2	0
	NORTH PLATTE	70	52	88	45	61	3	0.40	0.12	0.36	1.64	114	18.22	105	83	54	0	0	3	0
	OMAHA	73	50	87	43	62	1	0.31	-0.34	0.31	9.32	271	36.15	142	84	49	0	0	1	0
	SCOTTSBLUFF	71	52	90	45	62	7	0.23	-0.04	0.10	1.23	92	20.77	148	88	63	1	0	3	0
	VALENTINE	67	52	84	46	60	4	1.05	0.70	0.75	5.67	324	23.64	136	84	60	0	0	3	1
NV	ELY	75	47	81	32	61	9	0.14	-0.08	0.13	0.66	64	5.63	71	53	28	0	1	2	0
	LAS VEGAS	96	75	101	69	85	8	0.00	-0.06	0.00	0.02	6	3.08	87	24	17	5	0	0	0
	RENO	78	53	87	45	66	8	0.84	0.76	0.48	0.84	171	5.24	97	60	39	0	0	3	0
	WINNEMUCCA	77	44	87	36	61	5	0.54	0.43	0.34	0.62	107	6.98	114	64	38	0	0	2	0
NH	CONCORD	69	46	80	34	57	3	3.85	3.13	3.59	5.39	155	28.74	103	85	53	0	0	3	1
NJ	NEWARK	69	57	82	48	63	0	2.87	2.04	1.38	3.89	89	31.58	88	89	69	0	0	5	2
NM	ALBUQUERQUE	87	61	91	55	74	9	0.09	-0.11	0.07	1.28	110	9.07	122	51	21	3	0	3	0
NY	ALBANY	67	51	79	43	59	3	3.85	3.16	2.67	6.90	191	30.04	103	81	55	0	0	3	2
	BINGHAMTON	61	48	72	40	54	0	2.00	1.24	1.24	2.51	64	34.03	115	94	71	0	0	3	1
	BUFFALO	62	50	76	43	56	-1	1.54	0.79	1.09	4.50	108	28.98	97	88	63	0	0	4	1
	ROCHESTER	63	52	78	42	57	0	1.42	0.75	0.69	4.08	109	30.22	116	83	63	0	0	4	2
	SYRACUSE	66	48	76	38	57	0	2.98	2.12	2.22	5.06	112	32.57	107	94	60	0	0	2	2
NC	ASHEVILLE	69	60	82	53	65	3	5.25	4.54	2.20	8.04	200	34.14	92	92	79	0	0	7	3
	CHARLOTTE	72	62	87	51	68	0	2.99	2.12	1.52	5.01	119	27.94	83	93	79	0	0	7	2
	GREENSBORO	71	60	85	49	65	0	3.38	2.42	0.96	7.04	150	32.25	94	98	84	0	0	7	3
	HATTERAS	80	73	85	70	76	5	6.20	5.02	1.75	15.02	243	51.72	119	99	82	0	0	6	5
	RALEIGH	74	63	84	53	68	1	4.38	3.46	1.41	7.93	171	41.95	123	96	85	0	0	7	3
	WILMINGTON	81	69	89	61	75	4	6.17	4.92	3.23	10.19	140	50.13	106	97	78	0	0	6	4
ND	BISMARCK	69	46	80	32	57	4	0.38	0.05	0.25	0.78	45	15.95	110	75	44	0	1	3	0
	DICKINSON	68	45	81	37	57	4	0.11	-0.24	0.00	0.37	21	10.15	71	84	41	0	0	1	0
	FARGO	69	46	81	34	58	5	0.00	-0.47	0.00	1.24	52	18.18	102	72	31	0	0	0	0
	GRAND FORKS	68	41	75	29	54	2	0.00	-0.40	0.00	0.84	39	17.65	107	83	32	0	1	0	0
	JAMESTOWN	67	44	81	33	55	2	0.15	-0.21	0.15	0.62	33	20.62	128	78	32	0	0	1	0
	WILLISTON	67	42	78	31	55	4	0.55	0.28	0.45	2.75	188	10.61	87	86	51	0	2	3	0
OH	AKRON-CANTON	66	53	77	43	59	1	1.44	0.75	0.87	4.20	113	33.51	111	84	71	0	0	4	1
	CINCINNATI	68	56	85	46	62	-1	1.35	0.77	1.10	2.38	78	34.62	104	87	74	0	0	5	1
	CLEVELAND	67	55	79	43	61	2	0.57	-0.16	0.36	5.25	129	33.68	113	81	64	0	0	3	0
	COLUMBUS	67	55	82	45	61	-1	1.45	0.89	1.19	3.46	110	35.32	117	83	72	0	0	3	1
	DAYTON	69	53	84	44	61	0	0.38	-0.15	0.18	1.16	40	30.88	101	93	60	0	0	3	0
	MANSFIELD	66	52	80	42	59	1	0.61	0.02	0.37	2.75	75	32.74	97	92	59	0	0	4	0

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

Weather Data for the Week Ending October 3, 2015

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 SEP 1	PCT. NORMAL SINCE SEP 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	66	52	80	46	59	0	0.31	-0.23	0.21	1.49	49	29.83	116	86	61	0	0	2	0
	YOUNGSTOWN	64	51	74	42	58	1	1.90	1.13	0.86	3.91	93	34.88	117	87	73	0	0	5	2
OK	OKLAHOMA CITY	80	58	88	50	69	0	0.01	-0.99	0.01	1.09	25	43.99	154	86	45	0	0	1	0
	TULSA	79	55	88	45	67	-2	0.00	-1.11	0.00	2.96	57	44.71	136	92	52	0	0	0	0
OR	ASTORIA	68	45	76	39	57	1	0.03	-0.67	0.00	2.22	76	31.34	77	89	69	0	0	1	0
	BURNS	75	38	83	30	57	6	0.00	-0.11	0.00	0.60	109	5.38	72	58	30	0	1	0	0
	EUGENE	74	42	82	38	58	0	0.02	-0.29	0.02	0.79	47	13.44	43	85	59	0	0	1	0
	MEDFORD	82	49	90	46	66	4	0.00	-0.17	0.00	0.25	29	7.71	68	68	28	1	0	0	0
	PENDLETON	72	43	77	36	57	-2	0.01	-0.13	0.01	0.82	119	5.83	67	66	38	0	0	1	0
	PORTLAND	74	48	81	45	61	1	0.00	-0.40	0.00	1.27	69	16.98	74	84	66	0	0	0	0
	SALEM	74	43	82	40	59	0	0.00	-0.36	0.00	1.14	72	17.11	70	86	61	0	0	0	0
PA	ALLENTOWN	68	56	81	46	62	3	3.11	2.22	1.29	5.52	116	32.73	93	86	66	0	0	5	2
	ERIE	64	53	77	44	59	-1	0.86	-0.13	0.45	5.43	106	29.13	92	79	67	0	0	4	0
	MIDDLETOWN	68	57	79	47	62	1	3.04	2.30	1.83	9.46	248	34.07	109	90	68	0	0	5	2
	PHILADELPHIA	71	59	85	49	65	1	3.59	2.79	1.49	8.38	199	38.57	116	88	69	0	0	4	2
	PITTSBURGH	65	55	76	44	60	1	4.77	4.16	3.44	5.79	167	33.54	112	87	68	0	0	6	2
	WILKES-BARRE	67	52	79	45	60	2	2.76	1.93	1.42	3.44	82	24.61	84	89	63	0	0	4	3
	WILLIAMSPORT	66	55	77	45	60	2	2.19	1.36	1.32	4.02	93	32.28	100	83	69	0	0	3	2
RI	PROVIDENCE	68	52	81	42	60	1	2.73	1.97	2.02	3.84	96	31.24	90	91	74	0	0	5	2
SC	BEAUFORT	80	68	86	62	74	1	3.93	3.08	2.30	6.41	114	42.49	103	98	77	0	0	5	3
	CHARLESTON	79	69	88	63	74	2	14.56	13.51	11.83	16.84	263	58.69	137	97	80	0	0	4	3
	COLUMBIA	76	67	87	58	72	2	5.17	4.45	4.66	11.13	263	42.18	107	91	77	0	0	6	1
	GREENVILLE	72	62	85	52	67	0	4.50	3.59	2.91	9.64	222	38.25	98	98	82	0	0	7	2
SD	ABERDEEN	70	50	83	38	60	5	0.02	-0.37	0.02	0.39	20	17.72	101	68	40	0	0	1	0
	HURON	70	51	85	46	61	5	0.02	-0.37	0.02	2.18	111	21.38	118	75	38	0	0	1	0
	RAPID CITY	66	49	82	45	58	2	0.85	0.59	0.29	0.85	70	23.43	163	96	64	0	0	4	0
	SIOUX FALLS	68	48	82	42	58	2	0.23	-0.26	0.20	3.27	118	24.89	118	76	49	0	0	2	0
TN	BRISTOL	72	60	85	52	66	4	3.10	2.45	1.13	4.96	148	34.13	104	96	71	0	0	6	3
	CHATTANOOGA	73	63	83	57	68	0	2.94	2.05	1.33	5.25	112	45.93	110	95	79	0	0	4	3
	KNOXVILLE	74	61	86	55	68	2	1.21	0.54	0.39	2.40	72	35.33	95	94	73	0	0	4	1
	MEMPHIS	76	63	86	53	69	-2	0.11	-0.61	0.11	1.32	37	35.28	88	85	57	0	0	1	0
	NASHVILLE	70	61	81	51	65	-2	0.77	0.04	0.41	2.84	73	37.28	102	90	72	0	0	5	0
TX	ABILENE	88	60	92	55	74	2	0.01	-0.68	0.01	1.10	34	26.26	141	76	38	4	0	1	0
	AMARILLO	80	56	88	49	68	3	0.46	0.11	0.46	0.64	32	29.35	172	85	38	0	0	1	0
	AUSTIN	90	63	93	51	76	0	0.00	-0.81	0.00	3.67	112	33.24	133	72	38	4	0	0	0
	BEAUMONT	83	66	90	54	75	-1	2.42	1.12	1.98	5.83	88	53.30	116	90	57	1	0	3	1
	BROWNSVILLE	88	69	91	63	79	0	0.00	-1.19	0.00	3.83	66	30.88	144	94	60	4	0	0	0
	CORPUS CHRISTI	91	68	95	64	79	1	0.00	-1.15	0.00	2.46	45	38.48	152	88	45	4	0	0	0
	DEL RIO	94	70	98	66	82	5	0.00	-0.52	0.00	0.50	22	21.13	143	62	40	5	0	0	0
	EL PASO	93	65	97	61	79	7	0.59	0.28	0.59	0.92	53	8.09	107	47	18	6	0	1	1
	FORT WORTH	87	65	92	54	76	2	0.00	-0.78	0.00	2.14	77	39.08	151	71	36	4	0	0	0
	GALVESTON	83	72	88	65	77	-2	2.00	0.87	1.88	10.80	174	42.37	126	84	60	0	0	3	1
	HOUSTON	85	66	92	55	75	-1	0.19	-0.77	0.12	2.62	55	48.00	134	87	62	3	0	2	0
	LUBBOCK	83	57	91	52	70	3	0.03	-0.51	0.03	0.52	19	22.82	144	80	40	1	0	1	0
	MIDLAND	89	63	93	59	76	6	0.00	-0.55	0.00	1.75	69	15.78	132	66	35	3	0	0	0
	SAN ANGELO	91	59	96	57	75	4	0.00	-0.69	0.00	0.45	14	20.71	125	72	35	5	0	0	0
	SAN ANTONIO	92	67	96	61	80	4	0.00	-0.77	0.00	2.33	70	32.37	130	71	32	6	0	0	0
	VICTORIA	89	63	94	51	76	-1	0.32	-0.87	0.32	4.53	82	44.81	143	97	52	3	0	1	0
	WACO	90	62	95	51	76	1	0.00	-0.83	0.00	0.33	10	28.50	116	75	35	4	0	0	0
	WICHITA FALLS	85	59	90	48	72	1	0.01	-0.76	0.01	1.64	47	35.21	155	85	43	3	0	1	0
UT	SALT LAKE CITY	81	63	88	55	72	12	0.30	-0.05	0.17	2.04	138	13.19	106	61	32	0	0	2	0
VT	BURLINGTON	65	46	75	36	56	2	3.36	2.58	2.11	4.89	118	29.66	106	84	53	0	0	3	2
VA	LYNCHBURG	67	58	83	47	62	-1	6.59	5.69	3.09	9.22	216	33.96	100	99	88	0	0	6	4
	NORFOLK	77	70	83	65	73	5	4.73	3.86	1.94	8.35	188	41.47	113	91	78	0	0	5	3
	RICHMOND	72	60	85	50	66	1	2.97	2.07	1.14	5.52	127	38.22	111	97	87	0	0	5	3
	ROANOKE	67	58	83	47	63	0	6.45	5.63	2.19	10.78	257	42.20	126	96	89	0	0	5	4
	WASH/DULLES	68	57	80	48	62	0	3.28	2.47	1.58	4.00	96	31.30	97	94	81	0	0	5	2
WA	OLYMPIA	69	39	75	35	54	-1	0.01	-0.50	0.01	0.92	41	24.53	80	95	75	0	0	1	0
	QUILLAYUTE	67	42	72	36	55	1	0.00	-1.30	0.00	6.44	136	53.07	84	94	70	0	0	0	0
	SEATTLE-TACOMA	67	49	71	45	58	0	0.00	-0.40	0.00	0.83	46	20.43	91	89	70	0	0	0	0
	SPOKANE	73	45	79	38	59	5	0.06	-0.08	0.06	0.58	71	7.80	70	61	25	0	0	1	0
	YAKIMA	80	41	84	35	61	6	0.00	-0.06	0.00	0.01	2	4.31	81	65	33	0	0	0	0
WV	BECKLEY	65	56	75	47	60	1	1.60	0.89	0.82	3.73	106	40.82	123	90	84	0	0	7	1
	CHARLESTON	68	58	82	48	63	1	2.09	1.42	1.03	3.45	92	39.87	115	92	77	0	0	5	1
	ELKINS	66	56	78	46	61	4	1.55	0.79	0.81	2.97	72	40.41	110	86	69	0	0	5	1
	HUNTINGTON	66	57	81	47	62	0	1.25	0.67	0.71	5.14	169	39.94	121	97	82	0	0	6	1
WI	EAU CLAIRE	66	41	80	33	54	-1	0.00	-0.64	0.00	4.51	113	32.07	118	89	42	0	0	0	0
	GREEN BAY	65	46	82	39	56	2	0.12	-0.43	0.12	5.78	173	22.00	93	87	52	0	0	1	0
	LA CROSSE	70	45	82	36	57	-1	0.16	-0.44	0.16	2.72	75	25.44	94	89	39	0	0	1	0
	MADISON	65	45	78	40	55	-1	2.03	1.51	2.03	6.00	182	28.98	107	88	59	0	0	1	1
	MILWAUKEE	64	54	80	49	59	0	0.63	0.02	0.63	4.44	125	22.21	80	78	64	0	0	1	1
WY	CASPER	76	47	89	43	61	8	0.22	-0.06	0.15	0.26	24	10.66	101	81	51	0	0	3	0
	CHEYENNE	69	48	86	41	59	7	0.39	0.13	0.22	0.49	32	14.38	105	88	51	0	0	3	0
	LANDER	73	49	83	43	61	7	0.83	0.52	0.50	0.83	65	13.24	125	72	35	0	0	3	1
	SHERIDAN	72	43	86	36	57	5	1.15	0.79	0.98	1.43	93	14.91	124	76	47	0	0	2	1

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

National Agricultural Summary

September 28 – October 4, 2015

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Precipitation was well above normal across the eastern U.S., with weekly totals greater than 800 percent of normal in North Carolina, South Carolina, and Virginia. Flooding in the Southeast has delayed harvest progress and caused deterioration in crop conditions. Meanwhile, weekly precipitation totaled 2 inches or less in virtually all areas west of the Mississippi River. Weekly temperatures averaged more than 6°F above normal in the Rocky Mountains, but generally ranged from 2°F below normal to 4°F above normal across the remainder of the nation.

Corn: By week's end, 86 percent of the corn was mature, 11 percentage points ahead of last year and 3 points ahead of the 5-year average. Generally dry conditions across large portions of the Corn Belt facilitated good harvest progress, including an advance of 21 percentage points in Missouri and 20 points in Illinois and Kansas. Nationwide, producers had harvested 27 percent of the corn crop by October 4, eleven percentage points ahead of last year but 5 points behind the 5-year average. Harvest progress was 11 percentage points behind the 5-year average in Iowa and 10 points behind in Minnesota and South Dakota. Overall, 68 percent of the nation's corn was rated in good to excellent condition, unchanged from last week but 6 percentage points below the same time last year.

Soybeans: Eighty-five percent of this year's soybean crop was at or beyond the leaf-dropping stage by October 4, four percentage points ahead of last year and 2 points ahead of the 5-year average. Nationally, 42 percent of the soybeans were harvested by week's end, 23 percentage points ahead of last year and 10 points ahead of the 5-year average. Generally dry conditions across the Midwest allowed for the soybean harvest to advance 21 percentage points nationwide during the week, including an advance of 37 percentage points in North Dakota and 35 points in Minnesota. Overall, 64 percent of the soybeans were reported in good to excellent condition, up 2 percentage points from last week but 9 points below the same time last year.

Winter Wheat: By week's end, producers had sown 49 percent of the nation's 2016 winter wheat. This was 5 percentage points behind last year and 2 points behind the 5-year average. Planting progress advanced 20 percentage points or more during the week in Colorado, Idaho, Kansas, Michigan, Ohio, and Oklahoma. Nationwide, 20 percent of the winter wheat crop had emerged by October 4, six percentage points behind last year and 2 points behind the 5-year average. Emergence advanced more than 20 percentage points during the week in Idaho, Montana, and Nebraska.

Cotton: Bolls were opening across 77 percent of this year's cotton acreage by week's end, 5 percentage points ahead of last year but slightly behind the 5-year average. Nationally, harvest was 16 percent complete by October 4, two percentage points ahead of last year but 2 points behind the 5-year average. Harvest progress was at or behind the 5-year average in eleven of the fifteen estimating states. Cotton rated good to excellent dropped 10 percentage points in North Carolina due to wet conditions. Overall, 48 percent of the cotton was reported in good to excellent condition, down 2 percentage points from last week but slightly better than the same time last year.

Sorghum: Nationwide, 77 percent of the sorghum was mature by October 4, eleven percentage points ahead of last year and 12 points ahead of the 5-year average. By week's end, 43 percent of the nation's crop was harvested, 7 percentage points ahead of last year and 6 points ahead of the 5-year average. The sorghum harvest was 18 percentage points ahead of the 5-year average in Illinois and 11 points ahead in Kansas. Overall, 65 percent of the sorghum was reported in good to excellent condition, unchanged from last week but 8 percentage points better than the same time last year.

Rice: By October 4, rice producers had harvested 78 percent of this year's crop. This was 10 percentage points ahead of last year and 7 points ahead of the 5-year average. Producers achieved double-digit advances in harvest progress in Arkansas, Mississippi, and Missouri.

Other Crops: By October 4, twenty-three percent of the nation's peanut crop was harvested, 3 percentage points ahead of last year but slightly behind the 5-year average. Harvest progress was hampered by wet conditions in the Southeast. South Carolina harvest progress was 20 percentage points behind the 5-year average. Overall, 67 percent of the peanuts were reported in good to excellent condition, down 4 percentage points from last week but 11 points better than the same time last year.

Sugarbeet producers had harvested 44 percent of this year's crop by week's end, 7 percentage points ahead of last year and 17 points ahead of the 5-year average. In Minnesota, 85 percent of the sugarbeet crop was rated good to excellent, compared with 72 percent at the same time last year.

Crop Progress and Condition

Week Ending October 4, 2015

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

Corn Percent Mature

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
CO	61	60	76	73
IL	89	89	95	91
IN	81	70	83	83
IA	76	71	90	87
KS	86	86	95	92
KY	91	92	96	94
MI	49	46	69	69
MN	60	67	91	78
MO	93	83	93	94
NE	75	65	82	82
NC	100	99	100	100
ND	53	50	79	73
OH	63	70	82	65
PA	75	74	88	74
SD	69	63	80	82
TN	96	95	98	97
TX	79	76	84	90
WI	50	44	65	67
18 Sts	75	71	86	83

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

Corn Percent Harvested

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
CO	10	7	11	17
IL	22	30	50	47
IN	17	18	29	32
IA	5	5	13	24
KS	44	42	62	57
KY	56	52	66	67
MI	3	4	9	14
MN	5	3	9	19
MO	42	46	67	60
NE	10	10	15	24
NC	78	80	85	86
ND	1	3	6	12
OH	11	10	18	17
PA	14	24	32	22
SD	5	7	12	22
TN	69	64	76	79
TX	69	63	64	72
WI	3	3	7	14
18 Sts	16	18	27	32

These 18 States harvested 94% of last year's corn acreage.

Corn Condition by Percent

	VP	P	F	G	EX
CO	0	3	25	60	12
IL	5	10	29	43	13
IN	9	15	28	36	12
IA	1	3	16	54	26
KS	3	8	32	46	11
KY	1	4	11	51	33
MI	2	6	22	53	17
MN	0	2	9	53	36
MO	6	11	33	40	10
NE	2	5	19	54	20
NC	11	17	30	32	10
ND	1	8	21	59	11
OH	5	14	31	38	12
PA	1	8	23	38	30
SD	0	4	18	59	19
TN	0	2	13	52	33
TX	3	8	33	41	15
WI	1	4	17	52	26
18 Sts	3	7	22	48	20
Prev Wk	3	7	22	49	19
Prev Yr	2	5	19	50	24

Soybeans Percent Dropping Leaves

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AR	75	63	80	68
IL	81	75	86	84
IN	86	81	90	88
IA	82	72	86	83
KS	66	49	70	71
KY	54	57	71	71
LA	93	92	95	93
MI	84	83	94	85
MN	88	89	98	92
MS	86	81	88	86
MO	66	32	51	64
NE	89	78	89	89
NC	44	44	54	41
ND	94	95	98	97
OH	86	86	93	85
SD	94	90	95	96
TN	69	65	78	72
WI	75	69	89	80
18 Sts	81	74	85	83

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

Soybeans Percent Harvested

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AR	41	35	46	38
IL	16	24	49	31
IN	17	23	41	29
IA	8	7	32	35
KS	7	5	15	18
KY	15	19	28	22
LA	80	75	81	78
MI	7	14	35	22
MN	21	34	69	44
MS	64	59	69	64
MO	8	8	17	14
NE	15	13	31	35
NC	6	5	6	4
ND	28	33	70	45
OH	19	25	45	23
SD	22	23	46	42
TN	16	15	23	23
WI	6	4	21	24
18 Sts	19	21	42	32

These 18 States harvested 92% of last year's soybean acreage.

Soybean Condition by Percent

	VP	P	F	G	EX
AR	5	8	28	48	11
IL	4	10	26	48	12
IN	7	13	31	38	11
IA	1	4	18	53	24
KS	2	8	33	48	9
KY	2	6	20	55	17
LA	5	16	33	42	4
MI	2	6	27	49	16
MN	1	2	15	54	28
MS	4	9	23	41	23
MO	5	17	42	30	6
NE	1	5	20	56	18
NC	10	17	29	37	7
ND	2	8	27	55	8
OH	5	14	32	40	9
SD	0	3	19	58	20
TN	2	5	18	56	19
WI	1	4	14	54	27
18 Sts	3	8	25	48	16
Prev Wk	3	9	26	47	15
Prev Yr	1	5	21	53	20

Crop Progress and Condition

Week Ending October 4, 2015

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

Cotton Percent Bolls Opening

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AL	82	79	86	80
AZ	89	80	90	95
AR	89	89	93	94
CA	89	90	91	79
GA	91	86	89	87
KS	53	39	49	65
LA	96	97	98	98
MS	87	92	94	92
MO	76	73	79	80
NC	84	83	87	87
OK	92	48	69	79
SC	82	84	88	79
TN	84	68	79	82
TX	59	60	70	71
VA	87	80	88	87
15 Sts	72	69	77	78

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

Cotton Percent Harvested

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AL	22	6	16	15
AZ	14	15	20	17
AR	7	9	21	26
CA	4	0	4	4
GA	13	6	8	12
KS	0	3	4	1
LA	49	32	58	63
MS	19	16	27	35
MO	4	0	0	22
NC	5	4	6	8
OK	0	0	0	4
SC	12	11	12	12
TN	5	3	4	21
TX	19	16	21	17
VA	0	0	2	7
15 Sts	14	11	16	18

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

Cotton Condition by Percent

	VP	P	F	G	EX
AL	0	5	32	57	6
AZ	5	2	16	39	38
AR	4	2	23	35	36
CA	0	0	10	30	60
GA	1	6	26	51	16
KS	1	11	26	50	12
LA	2	19	48	29	2
MS	1	9	34	43	13
MO	1	8	49	36	6
NC	8	14	24	47	7
OK	0	2	34	62	2
SC	2	10	50	37	1
TN	0	1	17	57	25
TX	3	16	43	34	4
VA	0	0	28	69	3
15 Sts	3	12	37	39	9
Prev Wk	2	11	37	41	9
Prev Yr	6	14	33	37	10

Sorghum Percent Mature

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AR	100	99	100	100
CO	52	48	57	50
IL	73	67	77	83
KS	47	58	73	51
LA	100	100	100	100
MO	87	70	84	72
NE	68	59	77	71
NM	19	12	32	16
OK	74	64	82	63
SD	46	43	63	73
TX	90	76	85	81
11 Sts	66	65	77	65

These 11 States planted 98% of last year's sorghum acreage.

Sorghum Percent Harvested

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AR	89	91	94	91
CO	9	6	12	7
IL	18	31	50	32
KS	8	15	25	14
LA	99	99	100	100
MO	35	24	38	32
NE	5	2	6	11
NM	0	0	0	1
OK	47	39	46	37
SD	8	4	13	24
TX	72	63	67	68
11 Sts	36	36	43	37

These 11 States harvested 98% of last year's sorghum acreage.

Sorghum Condition by Percent

	VP	P	F	G	EX
AR	2	3	21	59	15
CO	0	10	28	59	3
IL	2	8	45	38	7
KS	2	7	29	53	9
LA	3	13	34	49	1
MO	1	6	46	40	7
NE	0	1	25	57	17
NM	0	1	10	84	5
OK	1	3	23	65	8
SD	0	4	30	59	7
TX	3	6	24	51	16
11 Sts	2	6	27	54	11
Prev Wk	2	6	27	54	11
Prev Yr	3	9	31	46	11

Rice Percent Harvested

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AR	74	72	84	78
CA	26	35	40	24
LA	99	98	99	99
MS	81	76	87	81
MO	59	48	66	70
TX	100	98	99	100
6 Sts	68	69	78	71

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

Sugarbeets Percent Harvested

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
ID	25	15	34	18
MI	17	20	22	18
MN	44	17	52	30
ND	46	17	53	32
4 Sts	37	17	44	27

These 4 States harvested 84% of last year's sugarbeet acreage.

Crop Progress and Condition

Week Ending October 4, 2015

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

Winter Wheat Percent Planted

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AR	8	1	4	8
CA	6	2	5	7
CO	87	57	77	80
ID	60	35	60	60
IL	8	4	22	18
IN	16	12	25	19
KS	48	24	46	49
MI	29	17	43	33
MO	8	6	16	12
MT	78	69	86	69
NE	87	69	84	80
NC	1	0	0	3
OH	30	13	36	22
OK	68	21	46	50
OR	34	21	27	37
SD	77	72	83	72
TX	52	24	37	47
WA	72	59	66	76
18 Sts	54	31	49	51

These 18 States planted 87% of last year's winter wheat acreage.

Winter Wheat Percent Emerged

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AR	1	0	0	2
CA	0	0	0	0
CO	52	23	35	42
ID	20	9	32	18
IL	0	0	5	3
IN	5	0	7	4
KS	24	4	20	20
MI	10	0	6	7
MO	1	0	3	3
MT	23	12	36	20
NE	61	25	48	46
NC	0	0	0	0
OH	8	0	5	5
OK	25	1	17	20
OR	12	2	3	13
SD	32	20	33	29
TX	28	2	8	20
WA	56	37	48	57
18 Sts	26	7	20	22

These 18 States planted 87% of last year's winter wheat acreage.

Peanuts Percent Harvested

	Prev Year	Prev Week	Oct 4 2015	5-Yr Avg
AL	20	20	33	19
FL	29	47	55	43
GA	19	12	15	23
NC	19	6	8	17
OK	1	10	11	8
SC	33	13	15	35
TX	5	17	27	16
VA	11	7	10	9
8 Sts	20	18	23	24

These 8 States harvested 97% of last year's peanut acreage.

Peanut Condition by Percent

	VP	P	F	G	EX
AL	0	7	29	54	10
FL	2	5	24	61	8
GA	0	6	23	51	20
NC	4	11	27	51	7
OK	0	2	10	81	7
SC	2	6	38	51	3
TX	0	1	34	58	7
VA	0	0	33	63	4
8 Sts	1	6	26	54	13
Prev Wk	0	4	25	55	16
Prev Yr	5	12	27	47	9

Pasture and Range Condition by Percent Week Ending Oct 4, 2015

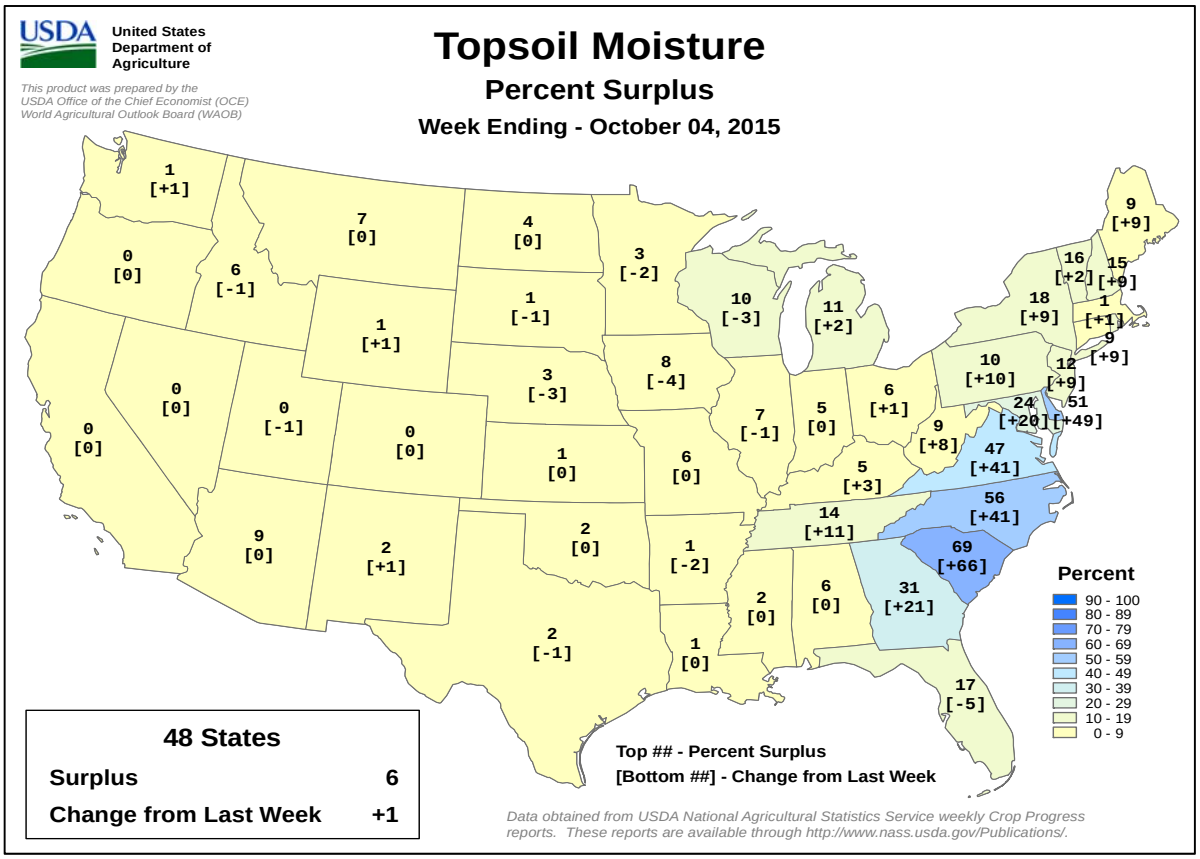
	VP	P	F	G	EX			VP	P	F	G	EX
AL	1	16	39	42	2		NH	6	6	52	35	1
AZ	9	8	36	39	8		NJ	5	18	28	19	30
AR	8	19	40	28	5		NM	4	7	34	44	11
CA	40	25	25	5	5		NY	0	10	36	43	11
CO	1	16	26	48	9		NC	10	27	37	23	3
CT	20	38	38	4	0		ND	1	13	38	45	3
DE	7	23	42	25	3		OH	3	12	44	34	7
FL	1	3	26	53	17		OK	5	11	37	40	7
GA	2	6	32	54	6		OR	29	39	26	6	0
ID	9	21	34	30	6		PA	13	24	34	18	11
IL	3	13	35	41	8		RI	0	25	60	15	0
IN	10	19	37	31	3		SC	2	13	46	38	1
IA	1	7	27	52	13		SD	2	8	37	48	5
KS	3	11	36	43	7		TN	2	9	32	53	4
KY	4	13	29	48	6		TX	11	26	37	22	4
LA	9	24	40	24	3		UT	1	10	39	47	3
ME	3	4	34	55	4		VT	5	2	50	34	9
MD	8	16	27	29	20		VA	2	15	43	35	5
MA	0	11	40	49	0		WA	36	21	24	19	0
MI	2	8	36	45	9		WV	4	14	25	51	6
MN	2	9	18	63	8		WI	3	10	24	47	16
MS	10	23	37	25	5		WY	0	5	28	60	7
MO	6	10	40	36	8		48 Sts	7	15	34	38	6
MT	12	26	42	18	2							
NE	3	9	27	54	7		Prev Wk	7	15	35	37	6
NV	15	20	40	25	0		Prev Yr	5	13	32	42	8

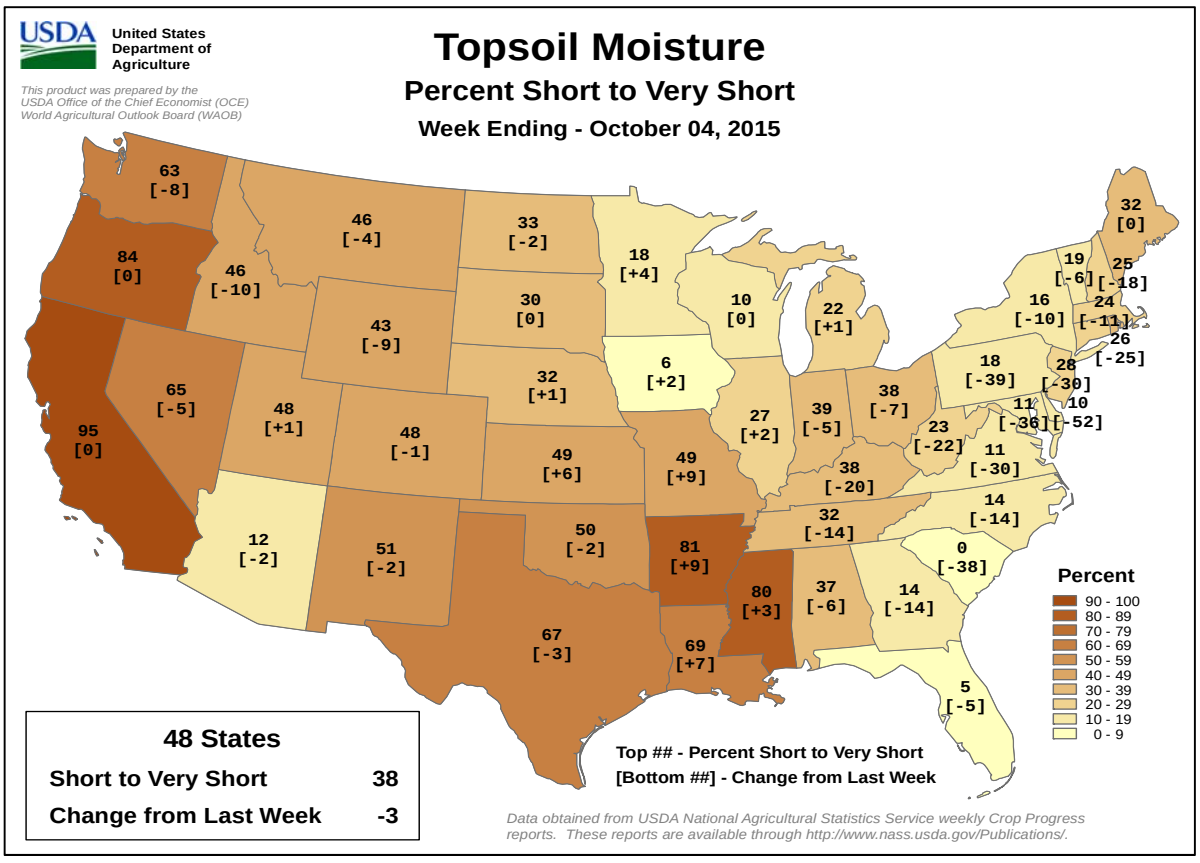
VP - Very Poor; P - Poor; F - Fair; G - Good; EX - Excellent
NA - Not Available; *Revised

Crop Progress and Condition

Week Ending October 4, 2015

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

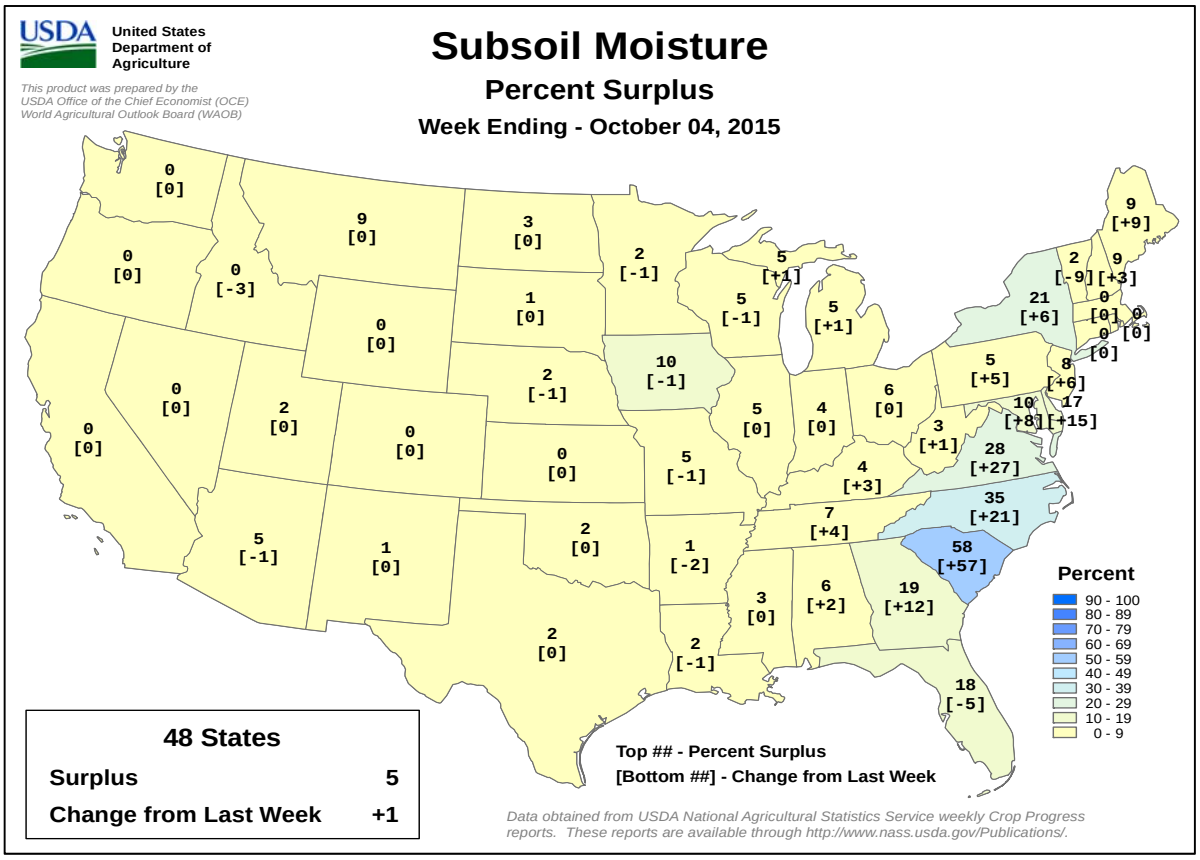


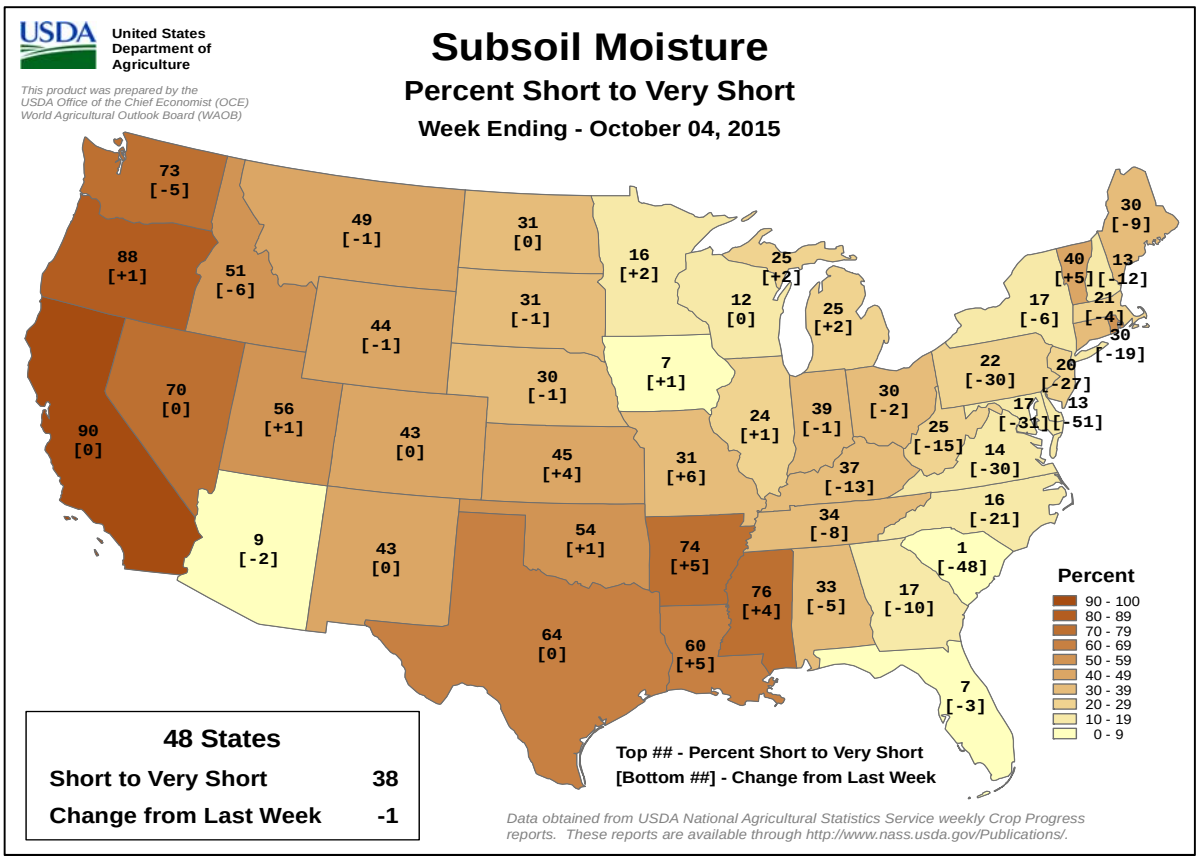


Crop Progress and Condition

Week Ending October 4, 2015

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

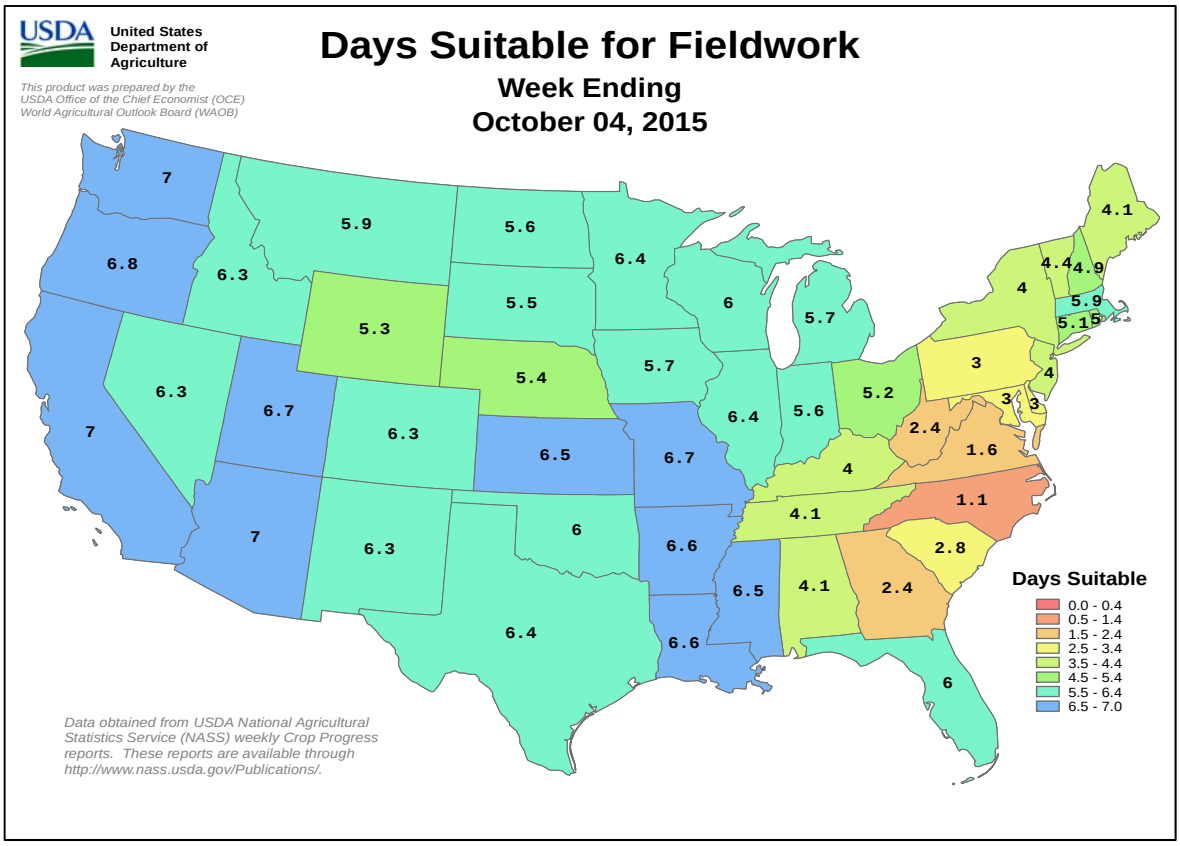


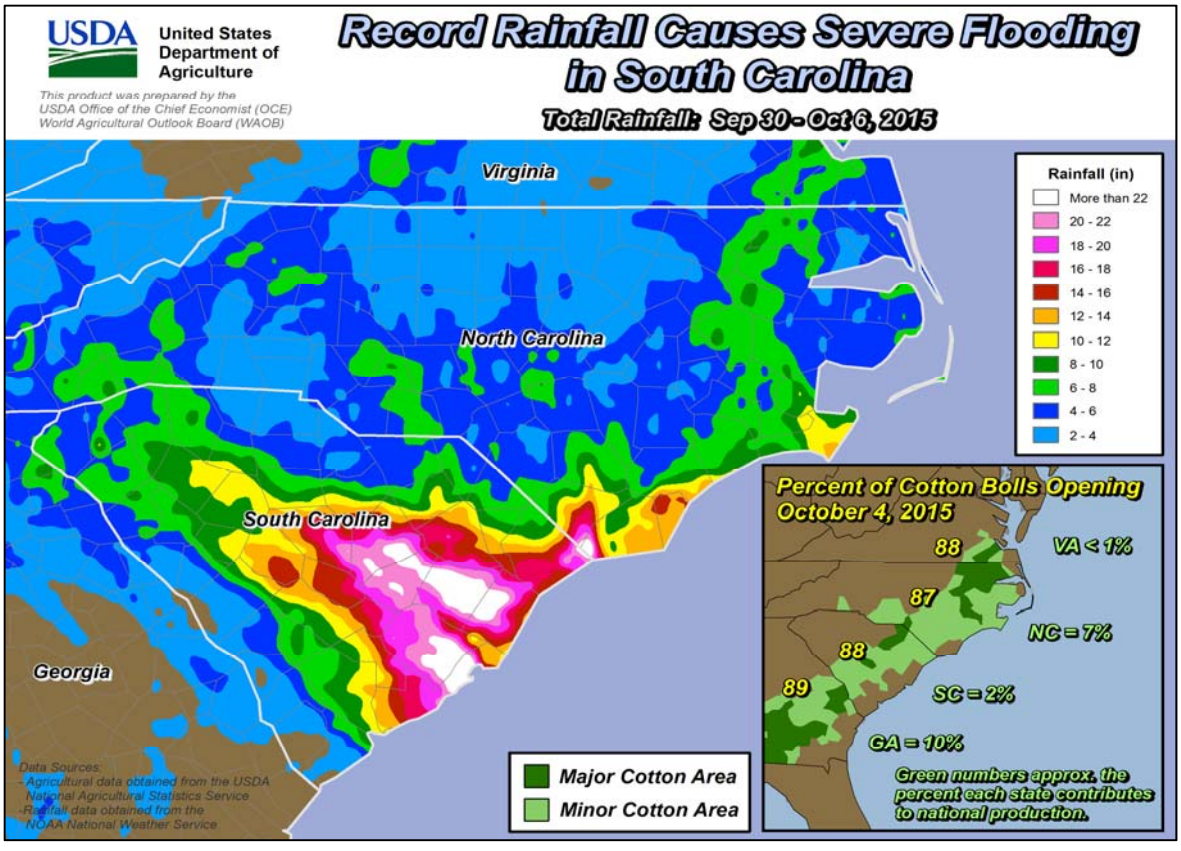


Crop Progress and Condition

Week Ending October 4, 2015

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





International Weather and Crop Summary

September 27 - October 3, 2015

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

EUROPE: Dry albeit cool weather accelerated fieldwork over much of central and northern Europe, while rain lingered in southern portions of the continent.

FSU-WESTERN: Developing drought further increased concerns for winter wheat establishment over much of the region.

FSU-EASTERN: Drier weather promoted spring wheat drydown and harvesting in the north, while seasonably dry conditions accelerated cotton harvesting in the south.

MIDDLE EAST: Additional showers boosted soil moisture for winter grain planting and establishment in Turkey.

SOUTH ASIA: The monsoon withdrew from the northern half of India, bringing beneficially drier weather for fieldwork in the north but leaving some crops in central and western India short of needed rainfall.

EAST ASIA: Typhoon Dujuan brought showers across eastern China, as another tropical cyclone approached the southern coast.

SOUTHEAST ASIA: Continued showers kept rice well watered in the region, although much more rainfall is required in Thailand to replenish reservoirs going forward into the dry season.

AUSTRALIA: Increasingly warm and persistently dry weather shaved some yield potential from immature winter grains and oilseeds.

ARGENTINA: Beneficial rain overspread key winter grain areas of central Argentina.

BRAZIL: Excessive wetness maintained concern for maturing wheat.

MEXICO: A weakening monsoon brought drier conditions to northern and central Mexico.

CANADIAN PRAIRIES: Scattered showers caused additional local harvest delays.

SOUTHEASTERN CANADA: Mild, showery weather allowed some progress in seasonal fieldwork.

September 2015

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	30	19	38	12	24	1.3	9	-26
	BATNA	30	15	38	9	22	0.8	15	-15
ARGENT	IGUAZU	29	16	38	4	22	2.6	106	-64
	FORMOSA	28	15	40	4	22	1.6	28	-69
	CERES	24	11	34	0	18	1.4	0	-45
	CORDOBA	22	8	29	2	15	0	18	-18
	RIO CUARTO	20	7	29	-1	14	0.2	37	-8
	ROSARIO	20	9	28	2	15	0.3	20	-45
	BUENOS AIRES	19	8	25	2	13	-0.1	31	-27
	SANTA ROSA	19	5	28	-4	12	-0.4	56	18
	TRES ARROYOS	17	4	24	-2	10	-0.4	20	-39
AUSTRA	DARWIN	32	22	35	19	27	-0.6	11	-5
	BRISBANE	23	13	26	7	18	-0.6	48	13
	PERTH	23	9	32	2	16	1.3	42	-36
	CEDUNA	21	8	33	0	14	-0.2	10	-19
	ADELAIDE	18	9	29	4	14	0.2	18	-48
	MELBOURNE	17	8	27	1	12	0.5	21	-31
	WAGGA	18	5	24	-1	11	0.1	21	-33
	CANBERRA	17	2	22	-2	9	-0.5	19	-38
AUSTRI	VIENNA	21	12	34	6	17	0.6	85	23
	INNSBRUCK	19	9	30	2	14	0.1	126	45
BAHAMA	NASSAU	33	25	35	21	29	1.4	88	-72
BELARU	MINSK	19	11	31	6	15	3.4	104	40
BERMUD	ST GEORGES	29	25	31	22	27	0.3	128	9
BOLIVI	LA PAZ	16	-1	19	-5	8	0	34	1
BRAZIL	FORTALEZA	30	25	31	24	27	-0.2	4	-14
	RECIFE	29	25	29	21	27	-0.3	12	-67
	CAMPO GRANDE	30	20	36	12	25	1.3	158	86
	FRANCA	29	19	35	15	24	2.9	140	76
	RIO DE JANEIRO	28	20	39	16	24	2	93	32
	LONDRINA	30	17	38	10	23	3.8	270	157
	SANTA MARIA	23	13	31	1	18	1.1	168	13
	TORRES	21	15	25	5	18	-1.5	251	115
BULGAR	SOFIA	25	13	35	7	19	2.8	76	37
BURKIN	OUAGADOUGOU	33	24	36	21	28	0.8	161	24
CANADA	TORONTO	25	15	34	7	20	4.4	62	-15
	MONTREAL	24	14	32	5	19	4.2	118	27
	WINNIPEG	22	10	32	-2	16	3.7	0	-51
	REGINA	19	6	32	-3	13	0.8	0	-31
	SASKATOON	18	6	29	-5	12	0.7	0	-29
	LETHBRIDGE	***	***	***	***	***	*****	*****	******
	CALGARY	17	4	29	-1	11	-0.2	67	23
	VANCOUVER	18	10	23	6	14	-0.6	42	-11
CANARY	LAS PALMAS	28	23	29	20	25	1.1	9	0
CHILE	SANTIAGO	20	8	27	1	13	2	17	-4
CHINA	HARBIN	22	11	30	4	17	1.9	35	-19
	HAMI	26	11	32	1	18	-0.2	4	0
	BEIJING	26	17	32	13	21	1.1	84	38
	TIENTSIN	26	17	31	14	22	0.4	122	81
	LHASA	23	11	26	8	17	3.7	37	-30
	KUNMING	24	17	27	13	20	2.1	67	-52
	CHENGCHOW	27	18	30	13	23	1.4	20	-58
	YEHCHANG	27	20	33	17	23	-0.1	127	18
	HANKOW	29	20	33	16	25	0.5	76	-3
	CHUNGKING	27	22	34	18	25	0.7	371	227
	CHIHKIANG	28	21	33	18	24	1.2	91	23
	WU HU	27	20	32	16	24	0.5	99	15
	SHANGHAI	27	21	31	18	24	0	146	12
	NANCHANG	29	22	33	19	25	0.7	107	38
	TAIPEI	31	25	36	23	28	0.2	320	65
	CANTON	32	24	35	22	28	0.4	111	-42
	NANNING	31	24	34	21	27	-0.1	132	7
COLOMB	BOGOTA	20	9	22	4	14	0.9	37	-21
COTE D	ABIDJAN	28	24	29	22	26	1.1	11	-50
CUBA	HAVANA	32	23	34	22	27	0.7	5	-140
CYPRUS	LARNACA	33	23	37	20	28	2.3	0	-2
CZECHR	PRAGUE	19	9	33	5	14	1	12	-30
DENMAR	COPENHAGEN	18	11	22	5	15	1.2	56	-6
EGYPT	CAIRO	36	25	39	23	30	3.3	0	******
	ASWAN	42	28	45	26	35	3.2	3	3

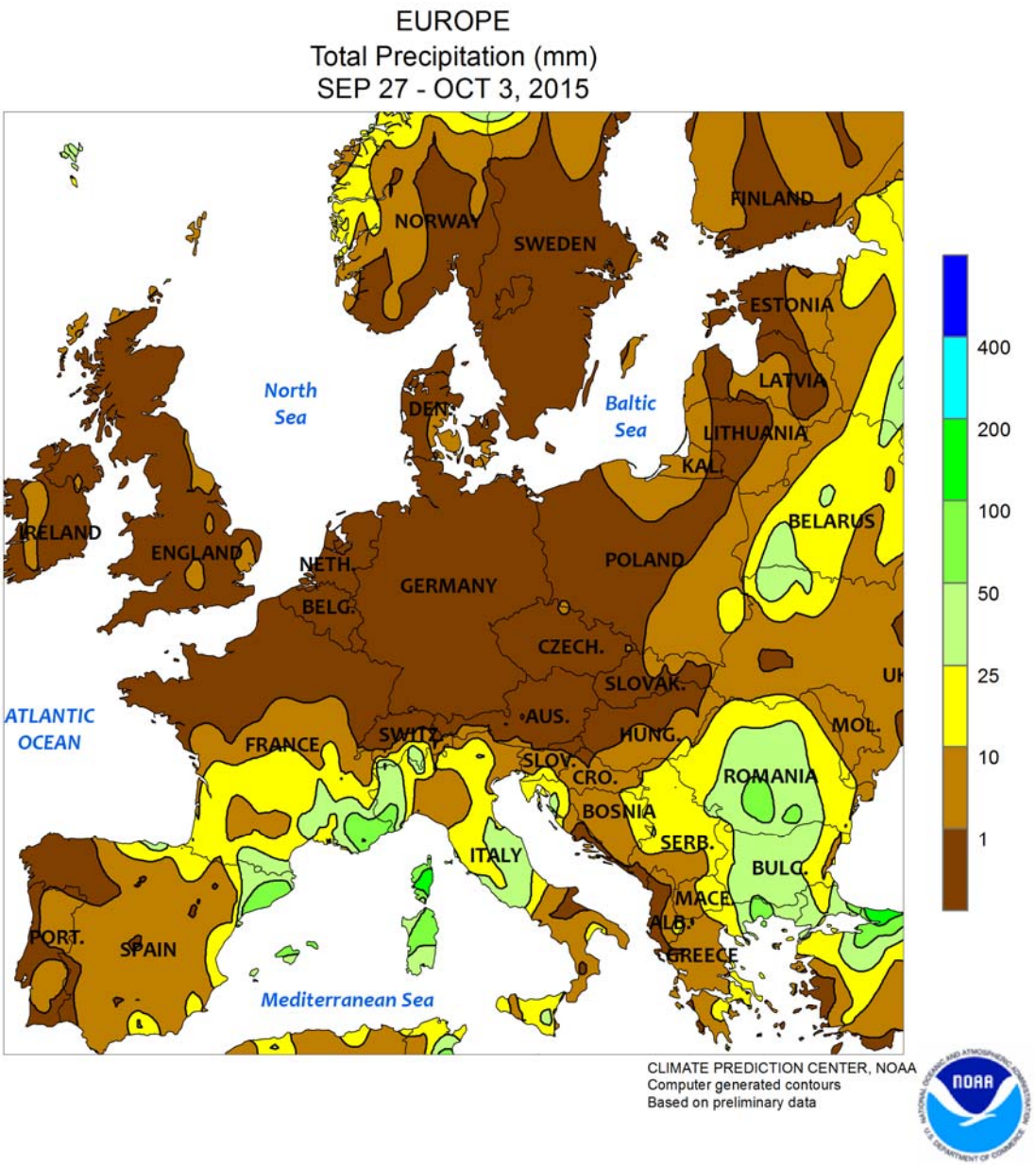
Based on Preliminary Reports

September 2015

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ESTONI	TALLINN	17	10	21	5	14	2.7	46	-30
ETHIOP	ADDIS ABABA	22	13	24	10	***	*****	54	-121
F GUIA	CAYENNE	33	23	34	21	28	1.3	47	-22
FIJI	NAUSORI	26	20	28	15	23	0.0	174	13
FINLAN	HELSINKI	16	10	19	5	13	2.8	38	-32
FRANCE	PARIS/ORLY	19	10	24	6	15	-1.4	74	20
	STRASBOURG	21	10	27	6	16	0.4	53	-9
	BOURGES	20	10	25	6	15	-1.0	45	-18
	BORDEAUX	23	12	28	7	18	-0.1	36	-53
	TOULOUSE	23	13	33	8	18	0.1	51	0
	MARSEILLE	25	16	28	10	20	0.3	55	-3
GABON	LIBREVILLE	28	24	29	22	26	0.8	32	-74
GERMAN	HAMBURG	18	10	20	3	14	0.1	97	29
	BERLIN	20	11	29	5	15	0.8	33	-11
	DUSSELDORF	18	10	21	5	14	-1.4	64	-4
	LEIPZIG	19	10	29	5	15	0.1	32	-11
	DRESDEN	19	10	31	4	15	0.1	44	-7
	STUTTGART	19	10	27	4	14	-0.4	20	-37
	NURNBERG	20	9	31	4	14	0.1	24	-27
	AUGSBURG	19	8	31	2	13	-0.7	34	-35
GREECE	THESSALONIKA	29	19	37	16	24	1.7	139	113
	LARISSA	30	18	40	14	24	2.1	74	43
	ATHENS	31	22	36	18	26	2.0	41	38
GUADEL	RAIZET	32	24	33	23	28	0.4	102	-97
HONGKO	HONG KONG INT	33	27	34	25	30	1.5	75	-222
HUNGAR	BUDAPEST	23	14	33	5	18	1.7	86	42
ICELAN	REYKJAVIK	***	***	13	7	***	*****	*****	******
INDIA	AMRITSAR	34	23	37	18	29	0.2	121	45
	NEW DELHI	36	26	38	23	31	1.6	22	-96
	AHMEDABAD	35	26	39	23	30	1.3	80	-18
	INDORE	32	21	35	18	26	0.4	32	-121
	CALCUTTA	34	27	37	23	30	1.2	228	-112
	VERAVAL	32	26	38	24	29	1.4	107	16
	BOMBAY	32	24	37	21	28	0.5	220	-127
	POONA	31	21	34	18	26	0.8	174	29
	BEGAMPET	33	23	37	21	28	1.3	140	1
	VISHAKHAPATNAM	32	26	34	23	29	0.6	211	31
	MADRAS	35	26	37	22	30	0.7	73	-66
	MANGALORE	31	23	33	20	27	0.5	288	1
INDONE	SERANG	34	22	35	20	28	0.2	0	-74
IRELAN	DUBLIN	16	8	17	4	12	-1.1	57	-5
ITALY	MILAN	24	15	30	8	20	0.5	34	-54
	VENICE	24	16	30	11	20	1.1	69	-5
	GENOA	25	19	28	14	22	0.3	14	-81
	ROME	26	16	33	9	21	0.0	46	-26
	NAPLES	28	19	35	15	23	2.2	0	-88
JAMAIC	KINGSTON	33	26	34	24	30	1.1	4	-127
JAPAN	SAPPORO	22	15	27	10	19	1.2	201	68
	NAGOYA	28	20	30	16	24	0.2	267	36
	TOKYO	26	20	32	16	23	-0.3	508	293
	YOKOHAMA	26	21	30	17	24	0.0	489	249
	KYOTO	27	20	32	16	24	-0.8	194	-2
	OSAKA	27	20	32	17	24	-0.9	168	3
KAZAKH	KUSTANAY	19	8	33	1	13	1.4	39	13
	TSELINOGRAD	19	7	34	-3	13	0.3	11	-23
	KARAGANDA	18	5	31	-4	11	-0.8	28	10
KENYA	NAIROBI	28	13	30	9	20	1.3	6	-21
LITHUA	KAUNAS	19	10	33	3	15	2.7	57	3
LUXEMB	LUXEMBOURG	17	10	22	7	13	-0.5	146	73
MALAYS	KUALA LUMPUR	33	25	36	22	29	1.9	196	7
MALI	BAMAKO	32	22	33	21	27	0.6	180	-18
MARSHA	MAJURO	30	27	31	25	28	0.8	273	-30
MARTIN	LAMENTIN	33	25	34	23	29	1.8	174	-31
MAURIT	NOUAKCHOTT	35	27	42	23	31	1.6	11	-22
MEXICO	GUADALAJARA	27	18	29	14	22	1.8	93	-67
	TLAXCALA	23	13	28	10	18	0.1	126	4
	ORIZABA	25	17	29	15	21	1.4	434	76
MOROCC	CASABLANCA	26	19	32	17	23	0.4	1	-5
	MARRAKECH	32	18	37	16	25	0.0	53	45
MOZAMB	MAPUTO	28	19	39	13	23	2.0	14	-33

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
N KORE	PYONGYANG	26	16	29	10	21	1.5	71	-33
NEW CA	NOUMEA	24	18	26	16	21	0	16	-26
NIGER	NIAMEY	35	25	39	21	30	1.1	88	-1
NORWAY	OSLO	15	8	20	4	12	2.3	203	114
NZEALA	AUCKLAND	16	10	20	7	13	*****	93	******
	WELLINGTON	13	8	17	5	11	*****	54	******
P RICO	SAN JUAN	32	26	35	24	29	1.1	105	-37
PAKIST	KARACHI	35	26	43	23	31	1.6	0	-10
PERU	LIMA	22	17	24	16	19	2.5	0	-2
PHILIP	MANILA	33	25	35	22	29	0.8	434	68
PNEWGU	PORT MORESBY	30	23	31	21	26	0.3	2	-31
POLAND	WARSAW	20	12	35	5	16	2.7	59	12
	LODZ	20	10	35	0	15	1.3	33	-15
	KATOWICE	20	11	34	3	15	1.5	42	-14
PORTUG	LISBON	26	17	31	14	21	-0.1	11	-20
ROMANI	BUCHAREST	26	13	36	7	20	2.2	104	62
RUSSIA	ST.PETERSBURG	18	11	23	7	14	3.3	24	-42
	KAZAN	21	12	30	6	16	5.1	30	-18
	MOSCOW	19	10	28	4	14	3.5	97	32
	YEKATERINBURG	16	8	28	4	12	2.4	30	-24
	OMSK	15	6	31	-4	11	0.2	40	5
	BARNAUL	15	6	30	-1	11	-0.3	45	9
	KHABAROVSK	20	9	28	4	15	1.2	45	-41
	VLADIVOSTOK	21	14	24	8	17	1.7	27	-110
	VOLGOGRAD	27	14	37	9	20	5.0	14	-9
	ASTRAKHAN	28	15	35	11	21	4.1	3	-16
	ORENBURG	24	10	34	3	17	3.0	42	16
S AFRI	JOHANNESBURG	24	11	31	3	18	1.6	46	15
	BETHAL	24	9	33	2	17	1.6	27	-3
	DURBAN	23	16	28	12	20	0.2	71	-4
	CAPE TOWN	21	10	31	6	16	1.8	21	-22
S KORE	SEOUL	28	18	31	14	23	1.7	26	-97
SAMOA	PAGO PAGO	30	25	37	22	27	0.3	30	-157
SENEGA	DAKAR	31	26	33	23	28	0.5	202	55
SPAIN	VALLADOLID	24	11	28	7	17	-0.8	24	-6
	MADRID	27	13	30	8	20	-0.1	22	-1
	SEVILLE	31	17	34	14	24	-1.0	12	-14
SWITZE	ZURICH	18	10	26	6	14	-0.1	45	-47
	GENEVA	20	11	27	5	15	0.1	122	26
SYRIA	DAMASCUS	37	18	42	10	28	4.2	0	******
TAHITI	PAPEETE	29	22	31	19	25	0.3	54	5
TANZAN	DAR ES SALAAM	31	20	33	19	26	1.4	12	-17
THAILA	PHITSANULOK	34	25	36	24	29	0.8	152	-76
	BANGKOK	34	26	37	23	30	1.4	352	4
TOGO	LOME	29	25	32	23	27	1.6	0	-48
TRINID	PORT OF SPAIN	34	25	35	23	29	2.1	74	-129
TUNISI	TUNIS	32	22	39	17	27	1.9	34	-2
TURKEY	ISTANBUL	28	21	34	16	25	3.8	55	24
	ANKARA	30	13	34	9	21	4.9	19	5
TURKME	ASHKHABAD	32	18	37	12	25	1.8	0	-4
UKINGD	ABERDEEN	15	9	19	3	12	0.2	53	-20
	LONDON	19	10	22	6	14	-1.0	49	-7
UKRAIN	KIEV	23	13	36	7	18	4.6	26	-34
	LVOV	21	12	35	5	16	3.2	101	35
	KIROVOGRAD	27	13	37	6	20	4.7	35	-7
	ODESSA	25	17	32	11	21	3.9	3	-33
	KHARKOV	26	12	35	8	19	5.1	8	-39
UZBEKI	TASHKENT	29	13	36	9	21	0.4	2	-3
VENEZU	CARACAS	32	25	35	23	28	1.0	39	-8
YUGOSL	BELGRADE	25	16	36	10	21	2.9	102	50
ZAMBIA	LUSAKA	30	16	35	10	23	-0.6	0	-1
ZIMBAB	KADOMA	31	14	36	6	22	-1.5	0	-3

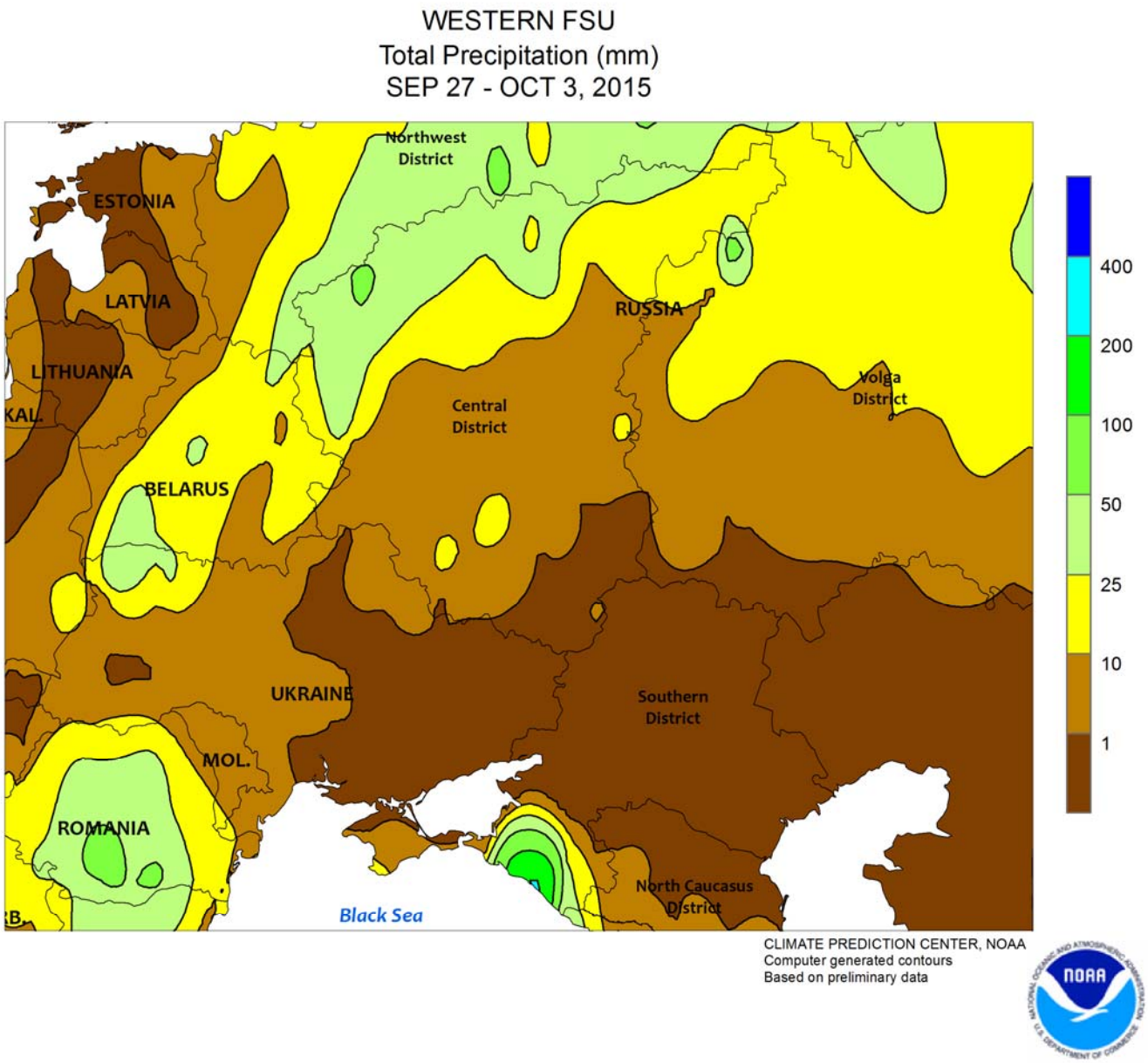
Based on Preliminary Reports



EUROPE

Dry albeit cool weather in central and northern Europe contrasted with locally heavy rainfall in southern growing areas. A sprawling area of high pressure stretching from the northern Atlantic into western Russia maintained sunny skies from northern France and the United Kingdom into Poland and the Baltic States. The dry but chilly weather (1-3°C below normal) promoted small grain and summer crop harvesting as well as winter crop planting. The high also caused a pair of storm systems to meander over southern Europe. The first system produced 10 to 60 mm of rain over south-central Europe as it drifted from the central Mediterranean into northern Italy, boosting soil moisture reserves for upcoming winter grain planting and establishment. The second area of low pressure generated 10 to 85 mm as it moved slowly northeastward across the central and eastern Balkans, further alleviating the lingering effects of summer dryness while improving moisture reserves for winter wheat and rapeseed establishment.

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



WESTERN FSU

Developing drought increased concerns for proper winter grain establishment over much of the region. Despite some pockets of showers, mostly dry weather has prevailed from central Ukraine into central and southern Russia since late July. In addition, these same locales have been consistently warmer than normal, with temperatures during the past week averaging up to 7°C above average. The lack of rain and ongoing late-summer and early-autumn heat has increased evapotranspiration rates and soil moisture losses, likely forcing many producers to "dust in" winter wheat in hopes of timely rain over the next several weeks. Despite the expanding and intensifying short-term drought, moderate to heavy showers (5-30 mm) in southern-most portions of the Southern District provided localized soil moisture and drought relief. While the pronounced short-term drought was raising concerns for winter wheat establishment, the sunny, unseasonably warm weather (28-32°C) maintained a rapid summer crop harvesting pace. Meanwhile, western- and northern-most crop districts (Moldova northward into Belarus and northwestern Russia) received an additional 2 to 40 mm of rain, sustaining soil moisture for winter crops.

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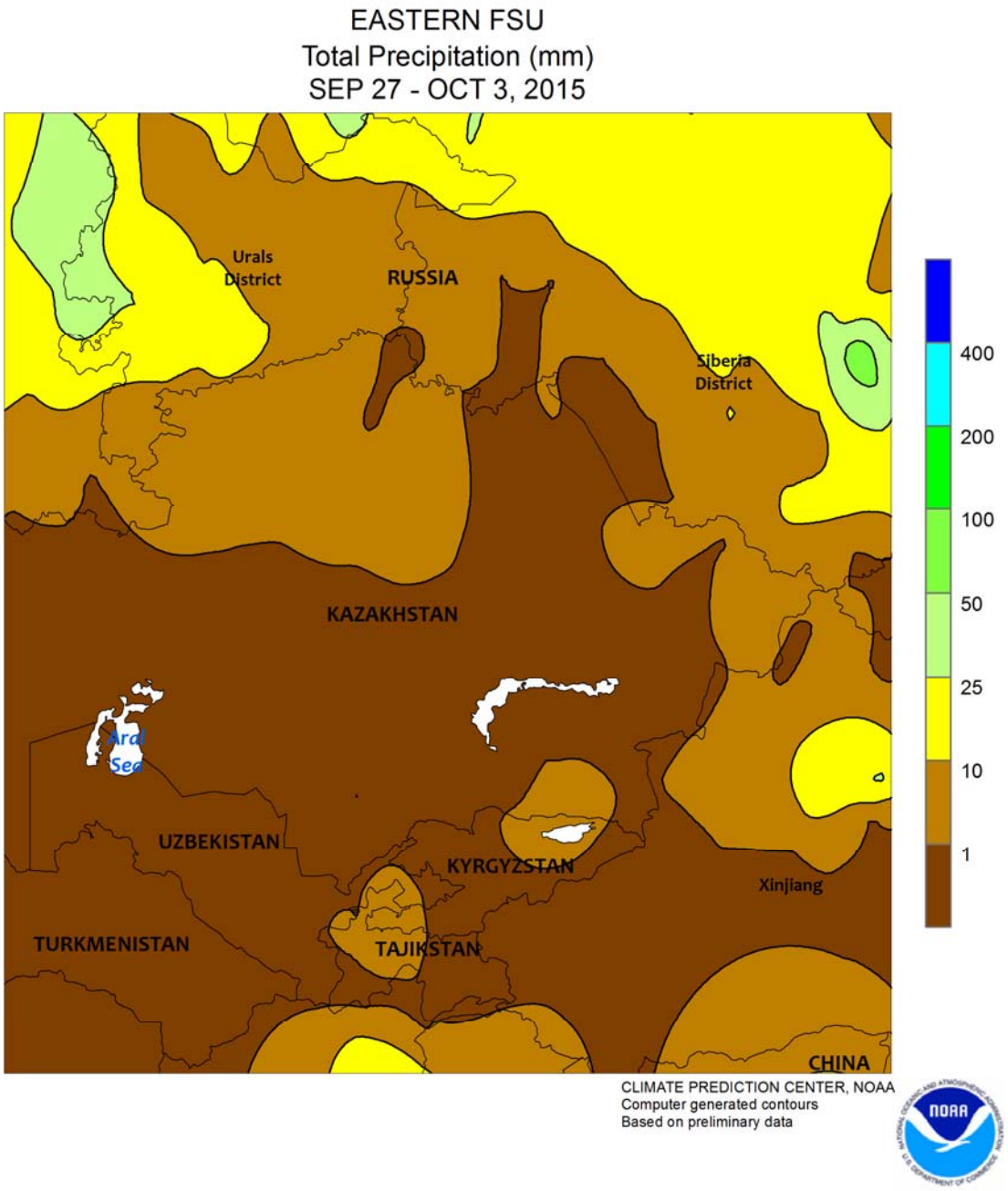

EASTERN FSU

Drier weather returned in the north while seasonably dry, warm conditions prevailed in southern cotton areas. After recent showers, generally dry weather promoted spring wheat harvesting and eased grain quality concerns over northern Kazakhstan and neighboring portions of Russia. However, late-week showers (5-12 mm) in northwestern Kazakhstan and the southern Urals District curtailed fieldwork at the end of the period. Farther south, seasonably dry, warm weather promoted cotton drydown and harvesting over Turkmenistan, Uzbekistan, and Kyrgyzstan.

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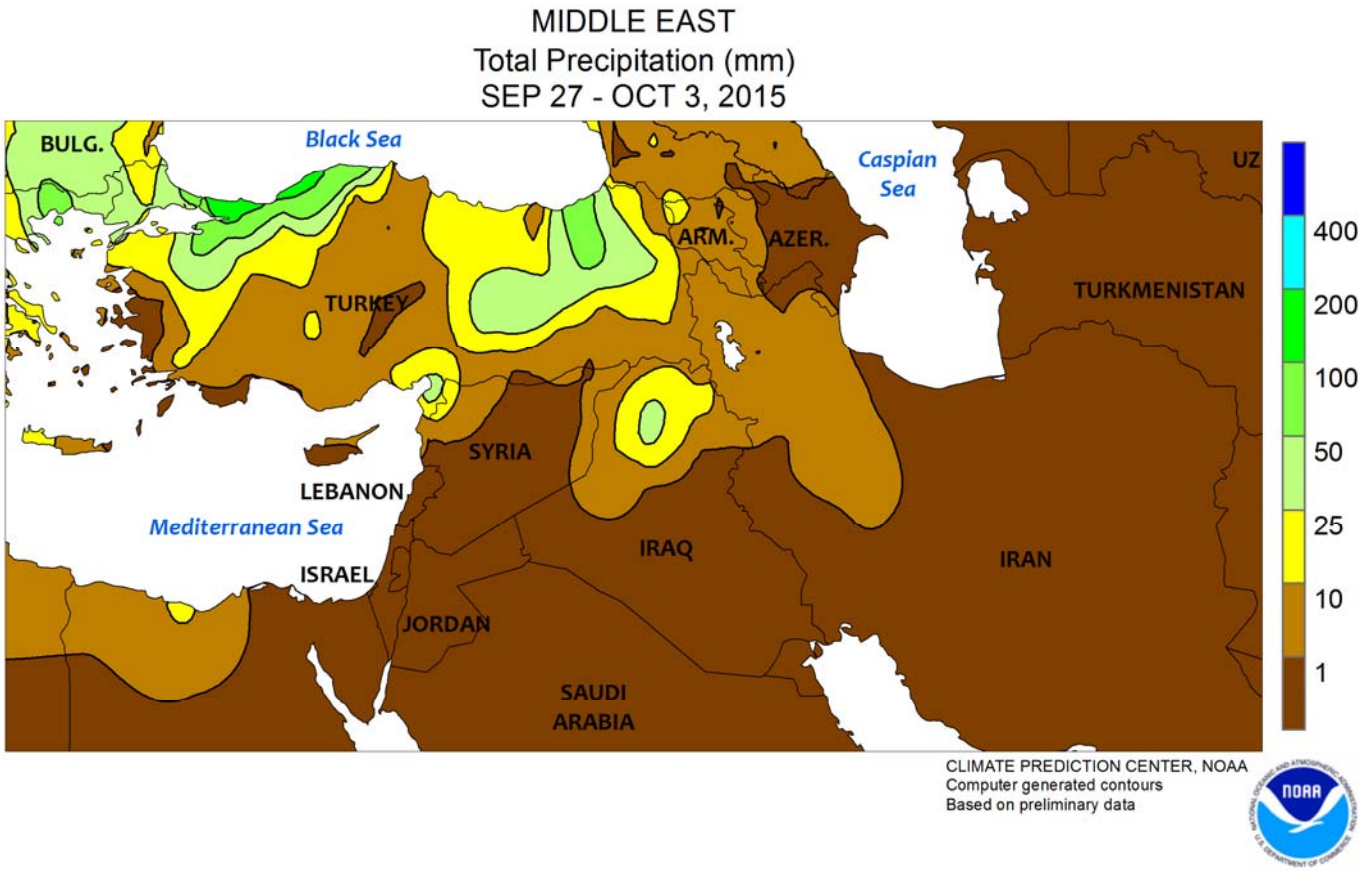

MIDDLE EAST

Showers in Turkey and northwestern Iran contrasted with seasonably dry weather elsewhere. During the past week, widespread rain in Turkey (2-50 mm, locally more than 100 mm near the northern coast) sustained or boosted soil moisture supplies for winter grain planting and establishment. However, the rainfall hampered fieldwork, including cotton, corn, and sunflower harvesting. Light showers (1-10 mm) also spread into northwestern Iran, providing early moisture for winter grain planting. Elsewhere, seasonably dry weather allowed producers to prepare fields in advance of winter crop planting following highly unusual late-August and September shower activity.

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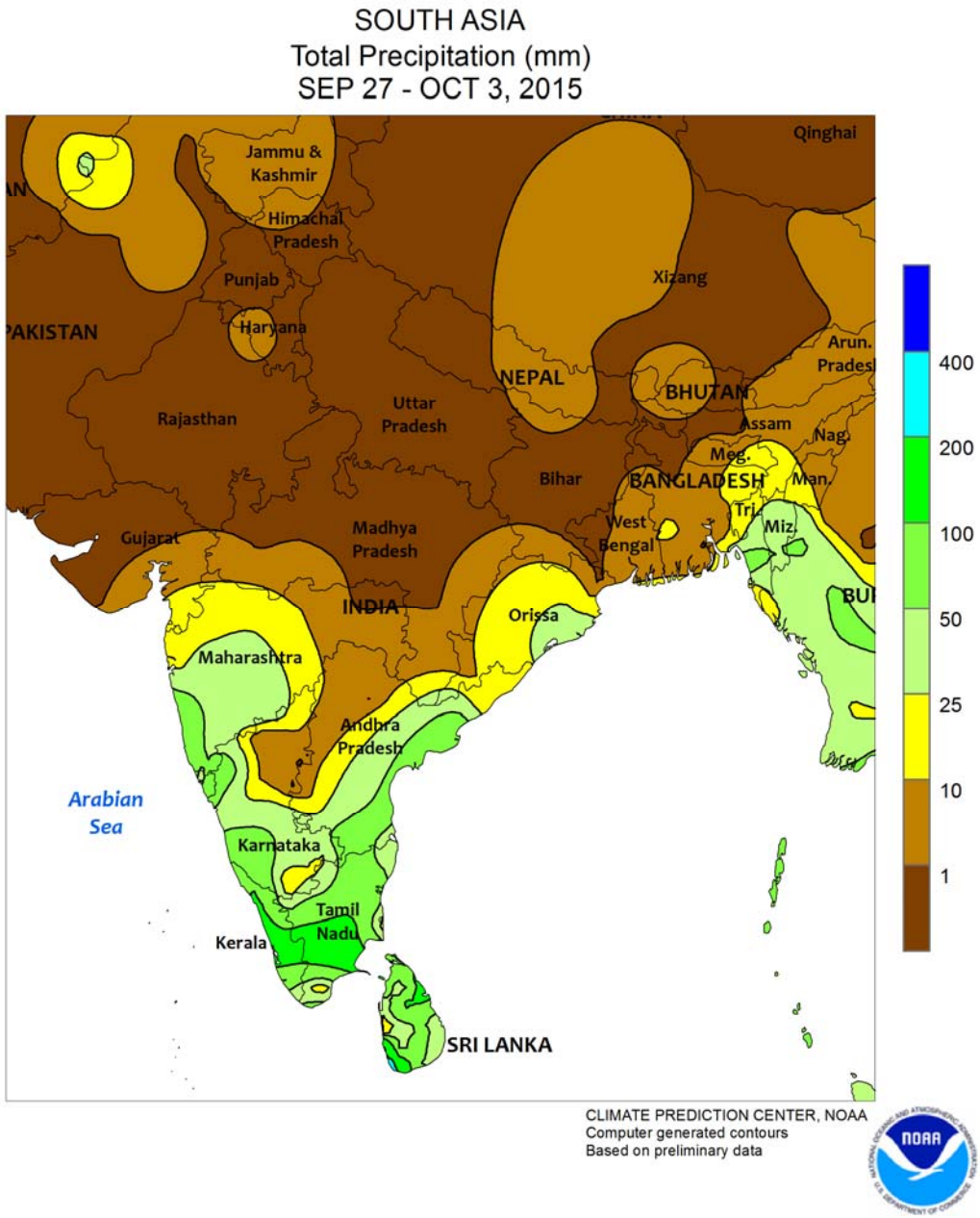

SOUTH ASIA

The monsoon further withdrew from northern parts of India, with rainfall (25-50 mm or more) confined to southern states (Maharashtra to Orissa and south). The onset of drier weather was generally on schedule, although due to the inconsistency of rainfall during the growing season in western cotton and oilseed areas, a prolonged rainy season would have been welcomed. In contrast, the drier weather was welcome in northern India and Pakistan, easing wetness from heavy rainfall during the preceding few weeks and benefiting rice and cotton harvesting. Elsewhere in the region, heavy showers (50-100 mm) in Sri Lanka improved water supplies for the winter (maha) rice crop, while sunnier weather aided rice development in Bangladesh.

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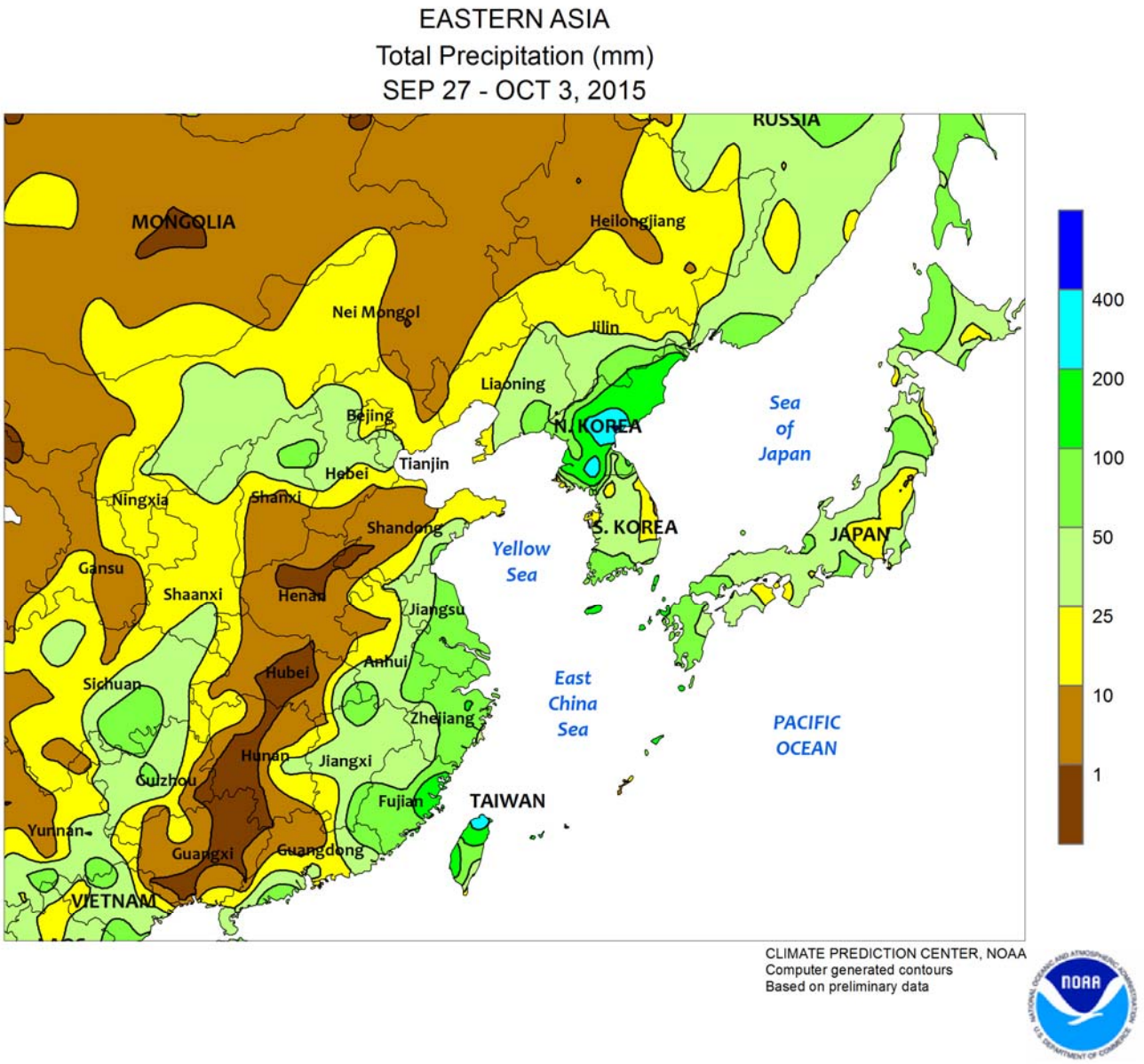

EASTERN ASIA

Typhoon Dujuan made landfall in southeastern China after crossing Taiwan earlier in the period. Dujuan had weakened prior to making landfall in China but still had sustained winds in excess of 90 knots. Storm-related rainfall for the week was less than 100 mm and confined to eastern-most provinces. Farther inland, a slot of mostly dry weather extended across the North China Plain and into the central Yangtze Valley. The dry weather, along with temperatures 1 to 2°C above normal, facilitated summer crop maturation and harvesting, while also aiding winter crop fieldwork. Meanwhile, an intensifying tropical cyclone (Mujigae) was approaching the southern coast of China (more information will appear in next week's Bulletin). In northeastern China, brief periods of showers (5-20 mm) caused minor harvest delays, particularly in Jilin and Liaoning where rainfall amounts were the highest. In addition, a mid-week hard freeze (minimum temperatures less than -2°C) ended the growing season in western Heilongjiang and limited any further yield improvements in immature crops. In other parts of the region, more heavy rainfall (nearly 200 mm) was reported in northeastern sections of North Korea, with lesser amounts (25-75 mm) in key rice areas of the southwest. While the highest rainfall amounts occurred outside major growing areas, the rainfall elsewhere was unfavorable for the maturing rice crop. Similarly, showers (25-50 mm) in South Korea and much of Japan were unwelcomed for maturing rice.

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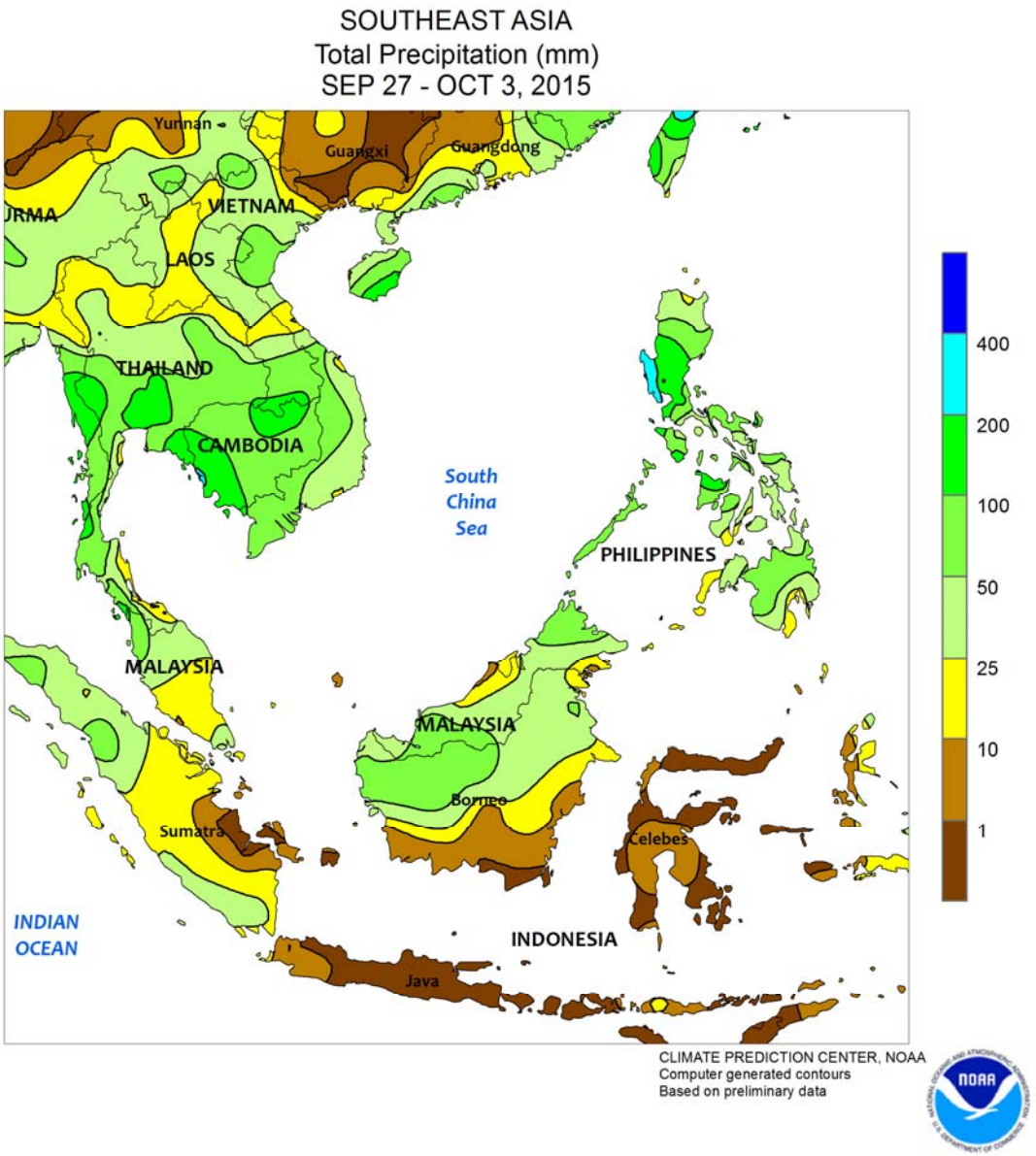

SOUTHEAST ASIA

Rainfall in the Central Plain region of Thailand continued to bolster reservoirs depleted from two consecutive wet seasons with below-normal rainfall. However, much more rainfall is required to fully eradicate the deficits in the water supplies. Showers (25-100 mm) in eastern Thailand continued to benefit rice in various stages of development, while drier weather (less than 25 mm) continued in northern Thailand. Showers (25-50 mm or more) across the remainder of Indochina maintained adequate water supplies for rice, including winter rice in Vietnam. In the Philippines, Tropical Cyclone Mujigae crossed Luzon with winds that were generally less than 35 knots. However, rainfall was widespread, with over 50 mm throughout most of the country and over 100 mm in western Luzon. The rainfall was welcome for improving reservoir levels and keeping rice and corn grown in the third quarter of the year well-watered. Harvesting of summer rice and corn is underway with planting of the winter crops occurring in November. In oil palm areas of Indonesia and Malaysia, periodic rainfall (25-100 mm) slowed harvesting, although fieldwork in sections of western Malaysia and Indonesia benefited from drier weather. September and October are the key harvest months for oil palm in Indonesia and Malaysia.

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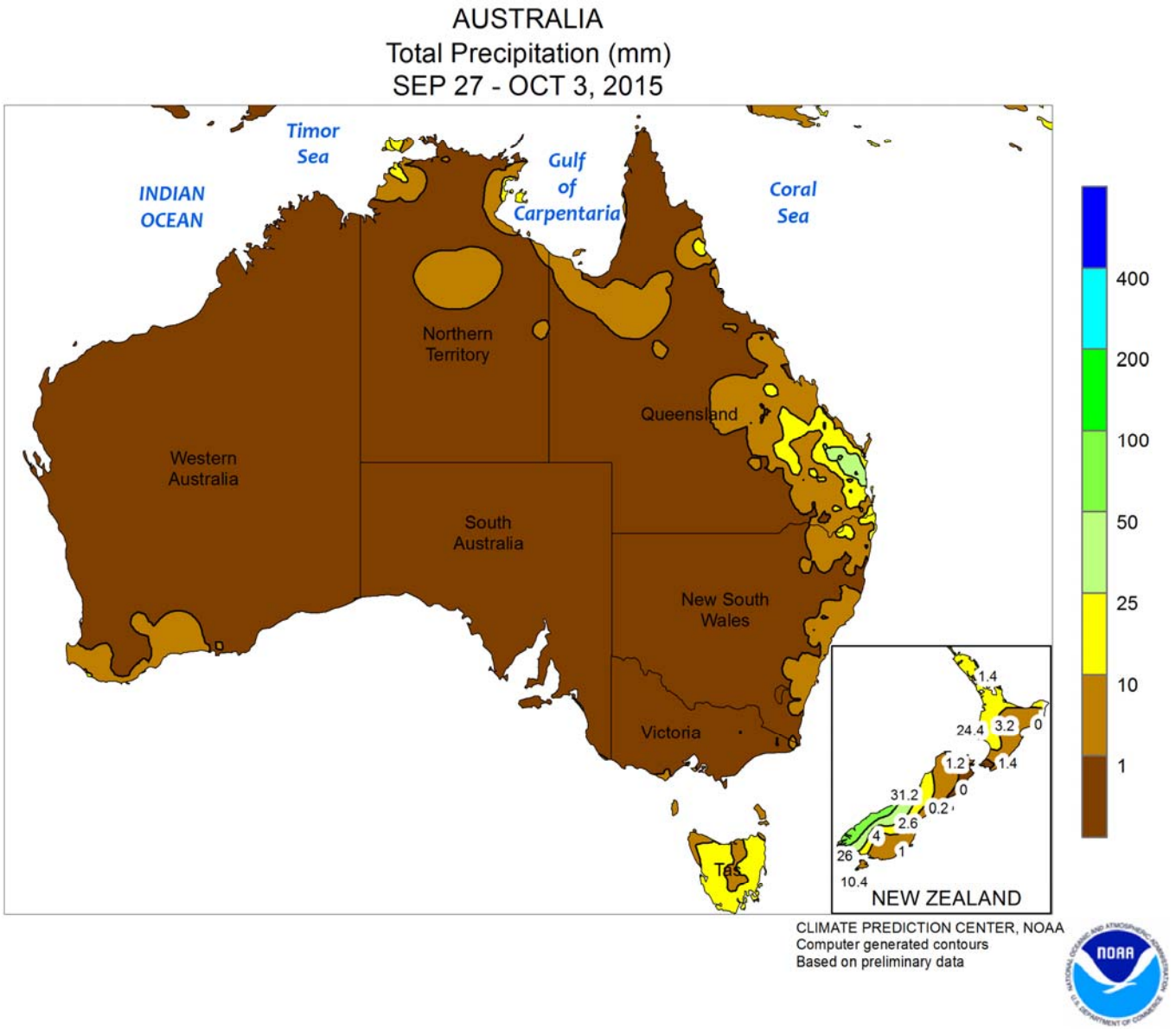

AUSTRALIA

For the third consecutive week, dry weather covered most of the wheat belt. In Western Australia, warmer-than-normal weather accompanied the dryness, accelerating crop development and amplifying evaporative losses. Temperatures averaged 3 to 5°C above normal, shaving some yield potential from filling wheat and other immature winter crops. Although the recent warmth and dryness has been unfavorable for winter crops, yield prospects remain relatively good overall because of timely rainfall from late July through early September. Elsewhere in the wheat belt, warm, unfavorably dry weather in southern and eastern Australia further reduced moisture supplies for reproductive to filling wheat and other winter crops. Crop prospects are generally good in southeastern Australia too, but rain is needed soon to erase short-term moisture deficits and to help maintain yield prospects. Temperatures averaged up to 1°C above normal in southeastern Australia. Farther north, scattered showers (5-25 mm or more) in southern Queensland boosted local moisture supplies for summer crop germination and emergence. However, most summer crop producing areas in southern Queensland and northern New South Wales remained dry. More rain is needed in this region to help spur additional summer crop planting and to promote germination and emergence. Temperatures in major summer crop producing areas were generally seasonable.

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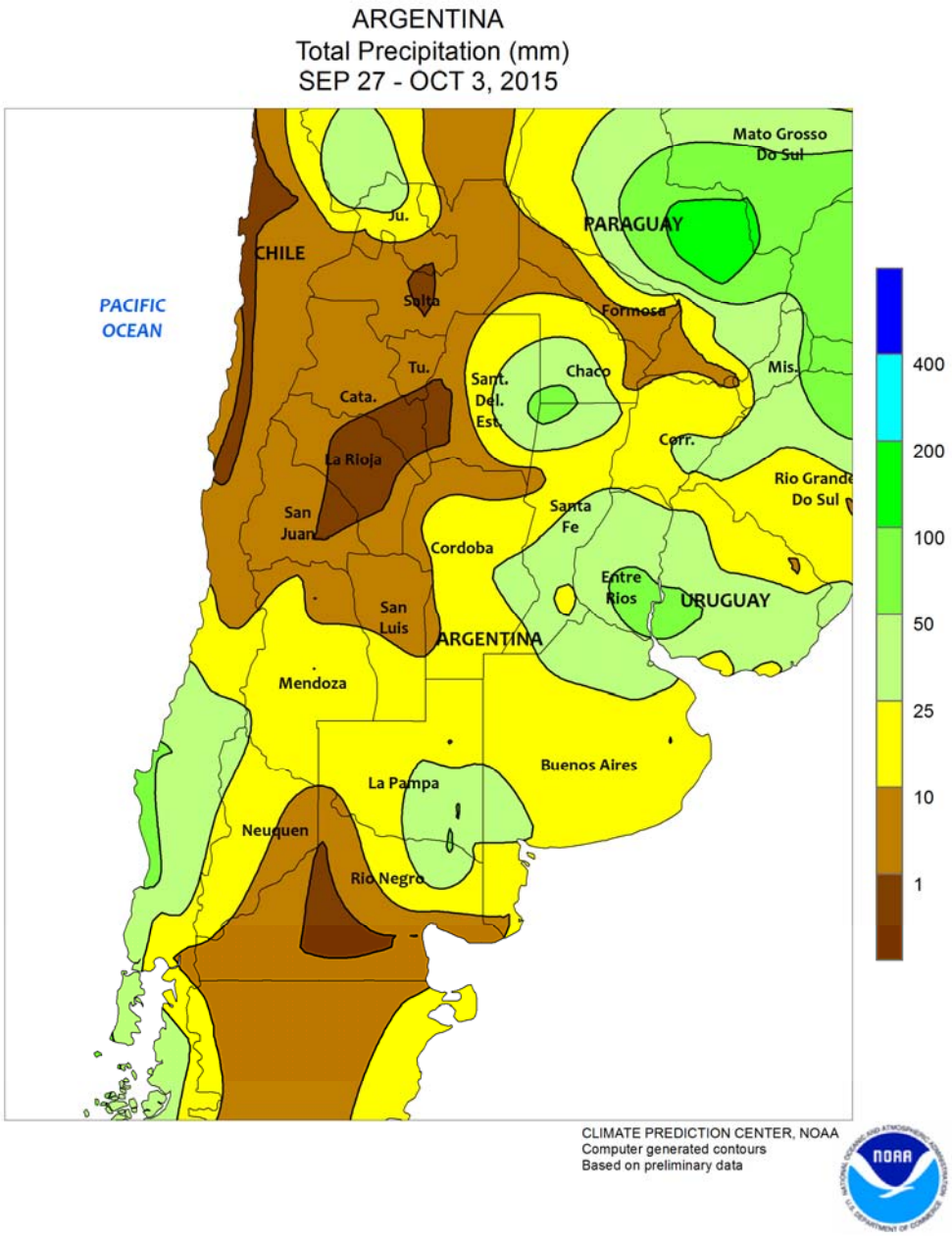

ARGENTINA

Beneficial rain spread across central Argentina, increasing topsoil moisture for vegetative winter grains. Rainfall totaled more than 10 mm as far west as La Pampa and Cordoba, with higher amounts (25-75 mm) concentrated over the southern Parana Valley (northern Buenos Aires and nearby locations in Entre Rios, Santa Fe, and Cordoba). Weekly temperatures averaged near to below normal, with nighttime lows falling below freezing in La Pampa and southern Buenos Aires at week's end. However, daytime highs reached the lower and middle 20s (degrees C) before the onset of the rain, spurring winter grain development. In northern Argentina, light showers (10-50 mm) lingered over the northeast but many other areas remained dry, limiting moisture for winter grains and early-planted sunflowers. Weekly average temperatures were near to below normal across the north, due to unseasonable warmth (daytime highs reaching the lower and middle 30s) on several days early in the week. According to Argentina's Ministry of Agriculture, sunflowers were 21 percent planted as of October 1, on par with last year as planting neared completion in northern production areas.

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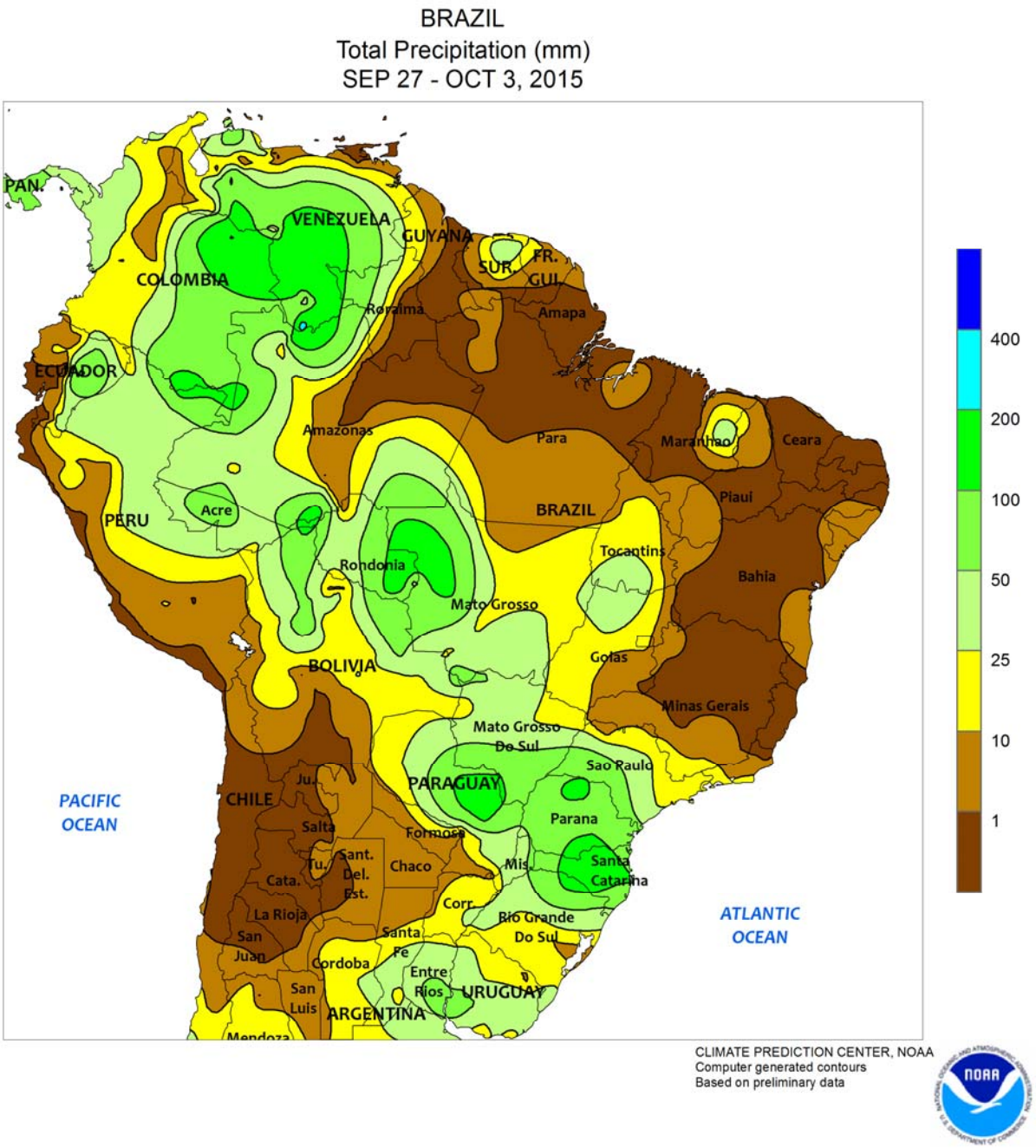

BRAZIL

Rain intensified throughout the south, keeping maturing wheat unfavorably wet and renewing concerns for crop losses. The heaviest rain (50-100 mm, locally higher) was concentrated over Parana, Santa Catarina, and neighboring locations in Rio Grande do Sul, Mato Grosso do Sul, and Sao Paulo. While providing abundant early-season moisture for soybeans, corn, and sugarcane, the moisture was untimely for wheat. According to reports emanating from Brazil, wheat was 62 percent harvested in Parana as of September 28, with most of the remaining crop filling to maturing. In Rio Grande do Sul, wheat was 2 percent harvested as of October 1, with approximately 90 percent of the crop ranging from flowering to mature. In contrast to the excessive southern moisture, additional rain will be welcomed for flowering coffee in southern Minas Gerais after another week of warmth and dryness (rainfall totaling less than 10 mm and weekly temperatures averaging up to 4°C above normal, with daytime highs reaching the middle 30s degrees C). Elsewhere, scattered showers (greater than 10 mm) expanded across the Center West Region (Mato Grosso, Goias, and northern Mato Grosso do Sul), likely prompting planting of soybeans, cotton, and other summer row crops. The rain extended eastward into southern Tocantins. However, weekly temperatures averaging 1 to 3°C above normal — with daytime highs reaching 40°C — maintained high evaporative losses. Meanwhile, seasonable dryness continued along the northeastern coast, fostering harvesting of sugarcane and cocoa.

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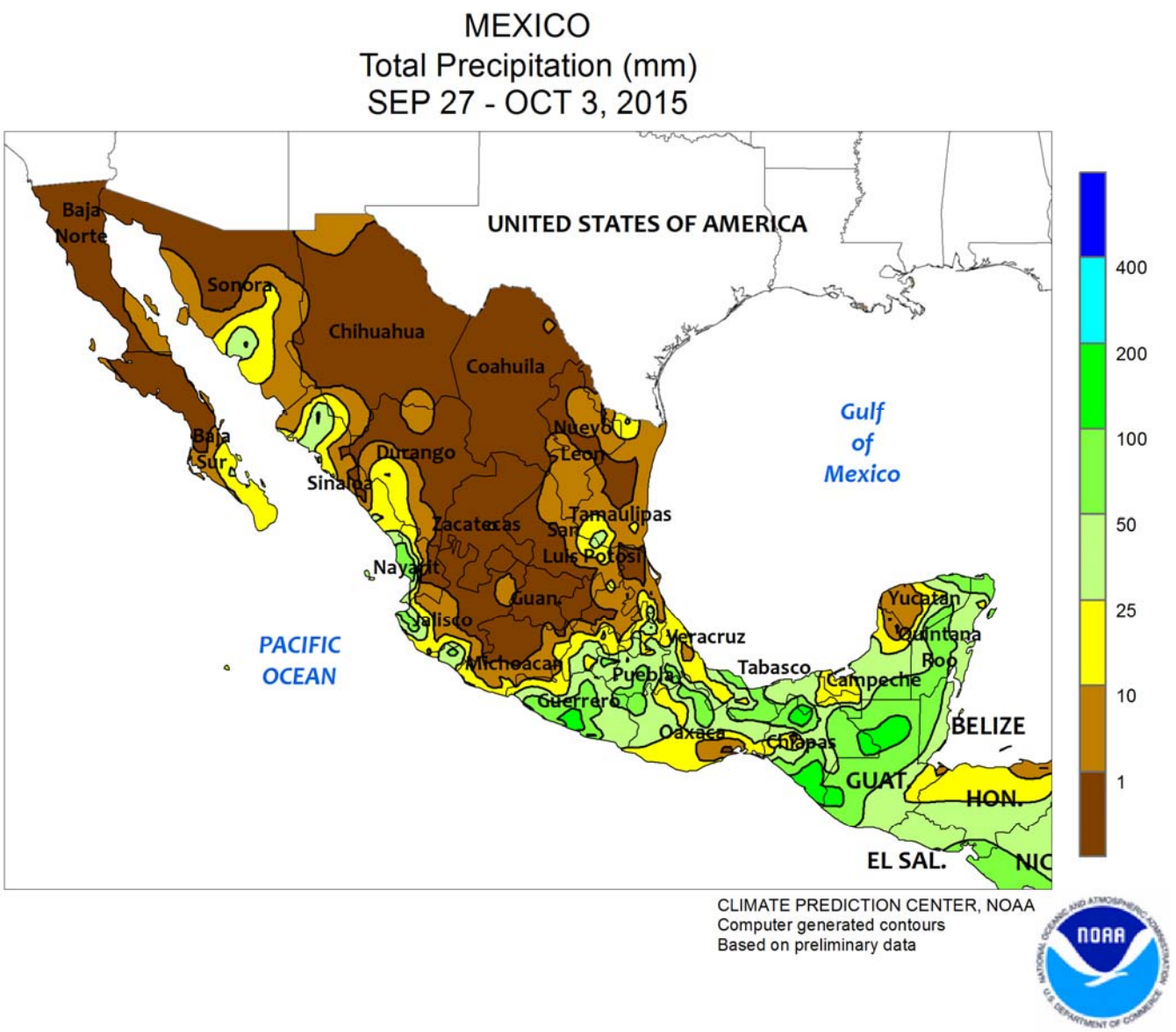

MEXICO

A weakening monsoon brought drier weather to northern and central Mexico, signaling the approaching end of the rainy season. Little to no rain fell over a broad area stretching from the U.S. Border to the western half of the southern plateau (notably Jalisco and Michoacan). Weekly temperatures averaged 1 to 3°C above normal in much of the region, fostering rapid development of maturing summer crops while maintaining elevated moisture requirements of livestock. The highest temperatures (daytime highs in the upper 30s degrees C) were again recorded in traditionally warm locations of the northwest and northeast. Meanwhile, locally heavy rain (25-100 mm) fell throughout the southeast (Oaxaca and southern Veracruz eastward), giving a late-season boost in moisture to rain-fed summer crops and reservoirs. The rain extended westward onto the southern plateau (Mexico and Puebla), boosting local reservoir levels. Hurricane Marty was located south of the Pacific Coast for much of the week but rainfall was confined to the immediate coast, with pockets of heavy tropical rain (greater than 100 mm) reported in central Guerrero.

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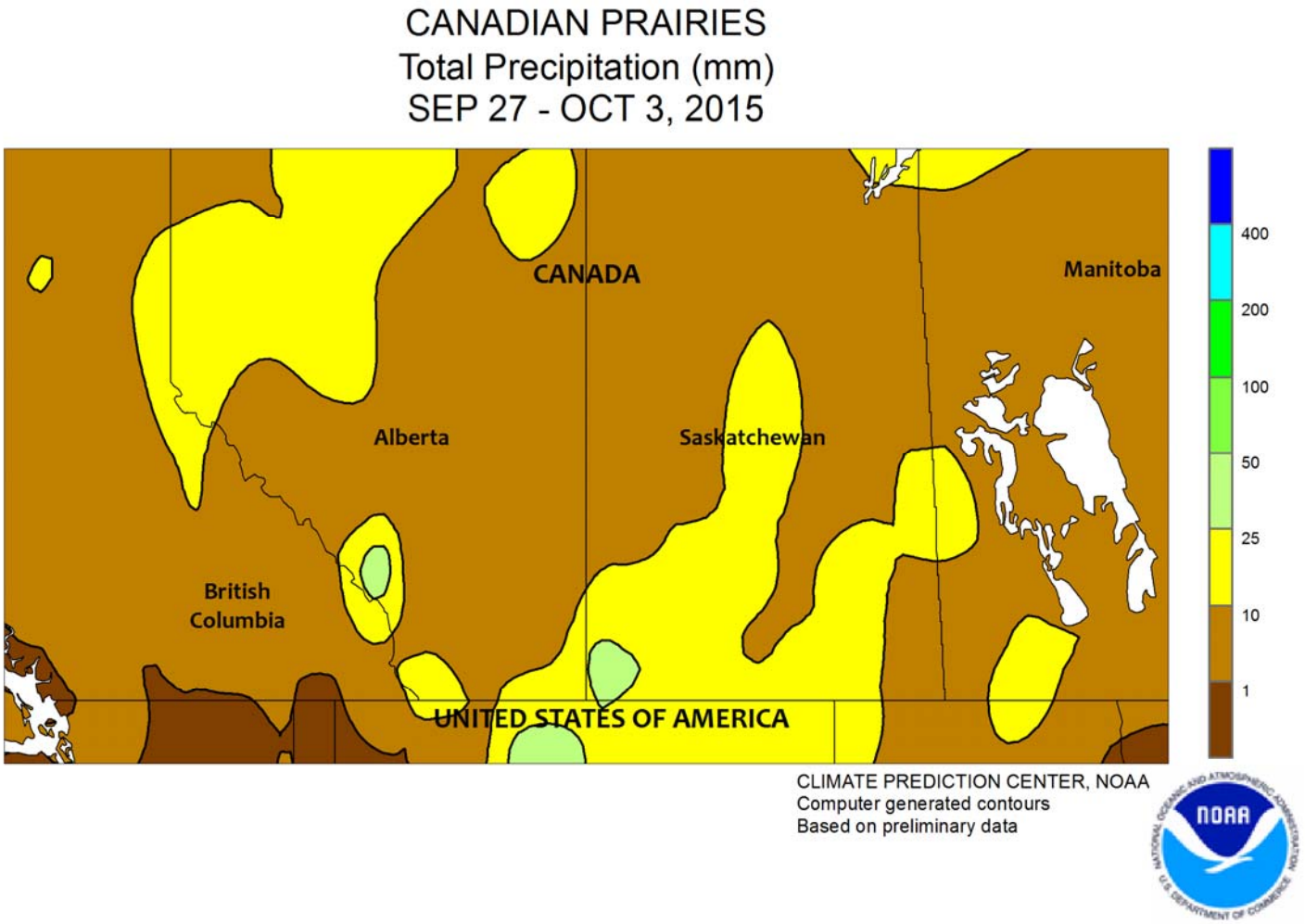

CANADIAN PRAIRIES

Scattered showers caused additional localized delays in spring crop harvesting. Rainfall totaling more than 10 mm affected fieldwork in Alberta's Peace River Valley and large sections of Saskatchewan, as well as a few southern locations in Alberta and Manitoba. Mostly dry conditions favored fieldwork elsewhere. According to the Government of Saskatchewan, crops were 74 percent harvested through the period ending September 28, compared with the 5-year average of 71 percent. Weekly temperatures averaged 1 to 2°C above normal across the Prairies. Daytime highs briefly reached the lower 20s (degrees C) but most other days were significantly cooler; temperatures failed to reach 10°C at week's end in Alberta's northern farming areas, and nearly all locations have now recorded a season-ending freeze (nighttime lows reaching -2°C).

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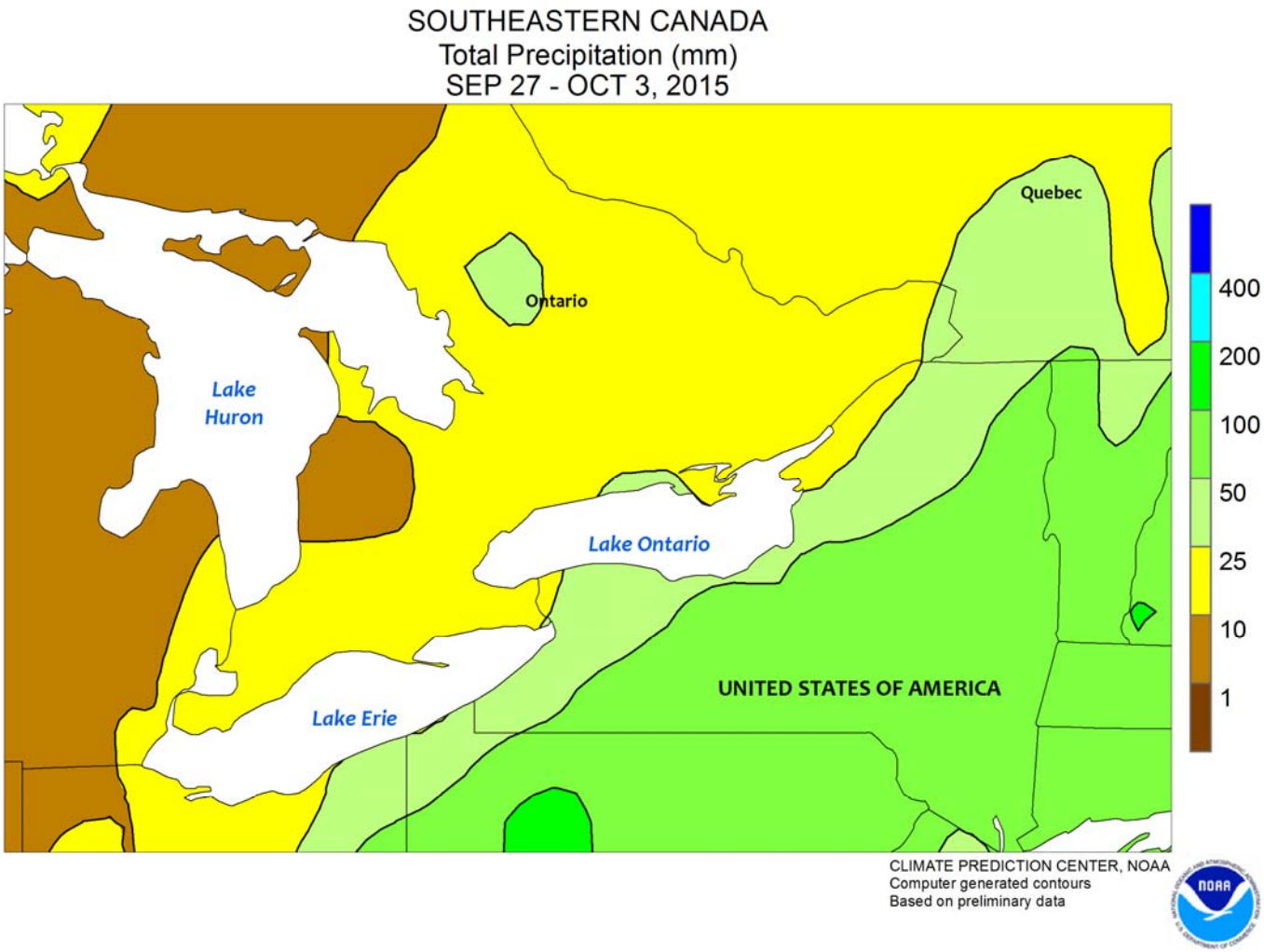

SOUTHEASTERN CANADA

Mild, generally dry weather gradually gave way to cooler, wetter conditions, briefly slowing fieldwork but increasing moisture for winter wheat. Daytime highs reached the lower 20s (degrees C) during the first half of the week even as showers (rainfall totaling 10-35 mm) developed over the region. Mostly dry, albeit cooler weather followed, with daytime highs mostly in the lower and middle 10s. On average, weekly temperatures were generally within 1°C of normal. Nighttime lows dropped into the low single digits during the cool down but no widespread freeze was recorded. Major corn and soybean areas of southwestern Ontario typically experience the first autumn freeze during the first half of October, with earlier occurrences (late September) expected in Quebec's farming areas.

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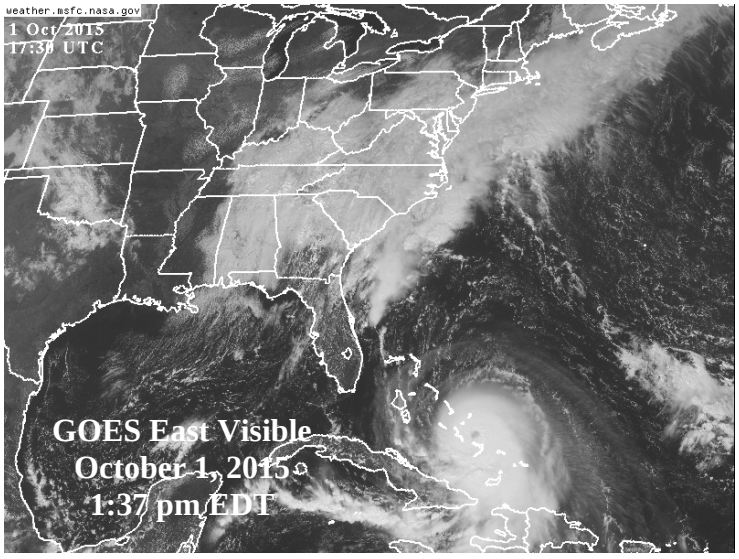
2015 Small Grains Summary

The following information was released by USDA's Agricultural Statistics Board on September 30, 2015.

All wheat production totaled 2.05 billion bushels in 2015, up 1 percent from the revised 2014 total. Area harvested for grain totaled 47.1 million acres, up 2 percent from the previous year. The U.S. yield is estimated at 43.6 bushels per acre, down 0.1 bushel from the previous year. The levels of production and changes from 2014 by type are winter wheat, 1.37 billion bushels, down less than 1 percent; other spring wheat, 599 million bushels, up less than 1 percent; and Durum wheat, 82.5 million bushels, up 53 percent.

Oat production is estimated at 89.5 million bushels, up 27 percent from the revised 2014 total of 70.2 million bushels. Yield is estimated at 70.2 bushels per acre, up 2.3 bushels from the previous year and represents a new U.S. record high. Harvested area, at 1.28 million acres, is 23 percent above last year.

Barley production is estimated at 214 million bushels, up 18 percent from the revised 2014 total. Average yield per acre, at 68.9 bushels, is down 3.8 bushels from the previous year. Producers seeded 3.56 million acres in 2015, up 17 percent from last year. Harvested area, at 3.11 million acres, is up 25 percent from 2014.



On September 30, Joaquin became the third hurricane of the 2015 Atlantic tropical season. The following day, while battering the central Bahamas, Joaquin reached Category 4 status (pictured, at left), with maximum sustained winds near 130 mph. While moving away from the Bahamas on October 3, Joaquin peaked in strength as a high-end Category 4 storm, packing sustained winds near 155 mph. Joaquin was the most powerful Atlantic basin storm since mid-September 2010, when Hurricane Igor also achieved 155 mph sustained winds.

At the same time, rainfall unrelated to Joaquin deluged the southeastern U.S. For example, Charleston, SC, experienced its wettest day on record on October 3, when 11.50 inches fell (previously, 10.52 inches on September 21, 1998). Elsewhere in South Carolina, Columbia reported its wettest day with 6.87 inches on October 4; the previous record of 5.79 inches had been established on July 9, 1959. October 1-5 rainfall totaled 17.32 inches in Charleston and 11.52 inches in Columbia.

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