



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending September 8, 2019
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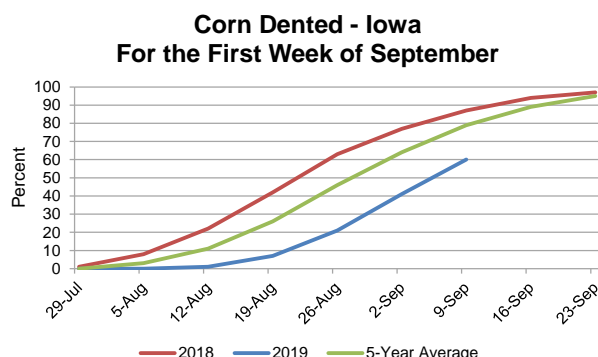
Most of Iowa experienced cooler than normal temperatures and below normal precipitation during the week ending September 8, 2019, according to the USDA, National Agricultural Statistics Service. Statewide there were **5.7 days suitable for fieldwork**. Fieldwork activities included harvesting hay and seed corn, chopping corn silage, seeding cover crops and preparing machinery for corn for grain and soybean harvest.

Topsoil moisture condition was rated 5 percent very short, 26 percent short, 68 percent adequate and 1 percent surplus. Areas in 28 counties were rated as D1 moderate drought according to the September 3, 2019, U.S. Drought Monitor due to the persistent lack of rain in parts of Iowa. **Subsoil moisture** condition was rated 5 percent very short, 24 percent short, 70 percent adequate and 1 percent surplus.

Ninety-one percent of the **corn** crop was in or beyond the dough stage, 2 weeks behind last year and 12 days behind the 5-year average. Sixty percent of the crop reached the dented stage, 2 weeks behind last year and 9 days behind average. Four percent of corn had reached maturity, 11 days behind average. Corn condition rated 63 percent good to excellent. Ninety-four percent of the **soybean** crop has started setting pods, 18 days behind last year and nearly 2 weeks behind average. Fifteen percent of the crop has begun

coloring, 12 days behind last year and 9 days behind average. Soybean condition rated 61 percent good to excellent.

The third cutting of **alfalfa hay** reached 76 percent, nearly 1 week behind average. **Pasture condition** declined from the previous week to 42 percent good to excellent. There were no livestock issues to report from this past week.



Crop Condition as of September 8, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	3	8	26	52	11
Soybeans	3	8	28	51	10
Pasture and range	5	13	40	38	4

Crop Progress as of September 8, 2019

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-yr average
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Corn dough	84	95	97	88	96	95	84	90	87	91	86	98	97
Corn dented	52	61	63	60	67	72	58	48	47	60	41	86	79
Hay, alfalfa, third cutting	89	89	92	84	97	81	75	54	59	76	64	82	82
Soybeans setting pods	95	99	99	92	98	95	84	87	88	94	90	99	98
Soybeans coloring	12	17	16	16	23	18	8	6	8	15	3	54	43

Days Suitable for Fieldwork and Soil Moisture Condition as of September 8, 2019

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
	5.7	6.5	5.2	5.4	5.8	6.1	5.3	5.4	5.9	5.7	5.8	2.1
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	1	9	5	7	2	7	2	6	10	5	4	1
Short	26	20	29	16	28	34	19	29	35	26	26	3
Adequate	70	71	65	75	70	58	78	64	54	68	69	65
Surplus	3	0	1	2	0	1	1	1	1	1	1	31
Subsoil moisture												
Very short	0	7	4	6	3	14	2	5	11	5	4	2
Short	21	20	21	14	26	29	20	38	47	24	25	7
Adequate	76	73	74	77	71	57	74	57	42	70	70	67
Surplus	3	0	1	3	0	0	4	0	0	1	1	24

IOWA PRELIMINARY WEATHER SUMMARY
Provided by Justin Glisan, Ph.D., State Climatologist
Iowa Department of Agriculture and Land Stewardship

Reports from the Iowa Department of Agriculture and Land Stewardship and maps from the Midwestern Regional Climate Center reflect data collected from 7:00 A.M. Central Time on September 2, 2019, through 7:00 A.M. Central Time on September 8, 2019.

Drier than normal conditions prevailed across most of Iowa during the first week of September; precipitation deficits were under three-quarters of an inch across much of the state with only the southwest corner of Iowa reporting above average totals. Temperatures were generally seasonable with departures of one to two degrees above and below average in parts of western and eastern Iowa, respectively. The statewide average temperature was 66.8 degrees, 1.8 degrees below normal.

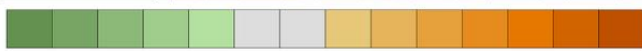
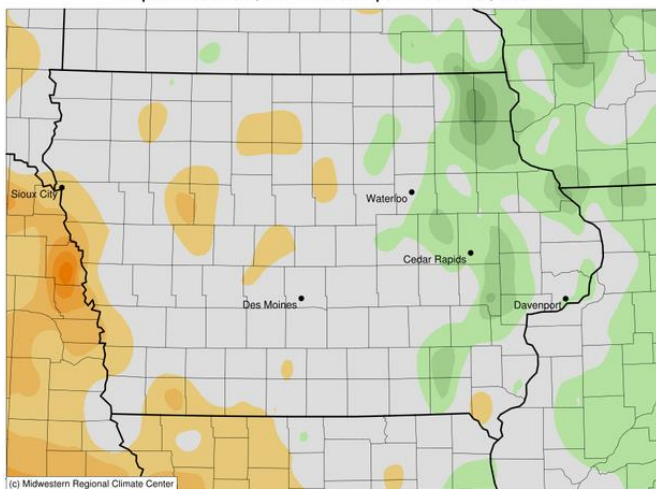
The rest of Sunday (1st) was uneventful across Iowa with high temperatures reaching the mid to upper 70s under cloudy skies. Overnight lows into Monday (2nd) dipped into the mid-60s. Partly sunny skies and a southerly wind helped boost temperatures into the low 80s on Labor Day. Shortly after midnight on Tuesday (3rd) thunderstorms, some of which were strong, formed in northeastern Iowa and quickly moved into Illinois. Additional showers and thunderstorms moved through Iowa during the late morning and afternoon hours, bringing measurable rain across the state's northern half. The highest rain totals were reported in northeastern Iowa with Lansing and Waukon (Allamakee County) observing 1.53 inches and 1.34 inches, respectively. Wednesday (4th) was a cool and mostly sunny day across Iowa. Highs were in the low 70s, up to 14 degrees below average at certain locations. The statewide average high was 74 degrees, five degrees below normal.

Thursday (5th) started off cool and sunny with comfortable conditions into the early afternoon before a low pressure center over Minnesota pulled a warm front through Iowa. The arrival of the front brought warm and humid conditions through the evening hours before a cold front cleared the state into Friday (6th) morning. Winds shifted into a northerly direction under sunny skies. High temperatures peaked in the upper 70s and lower 80s. Saturday (7th) began mostly clear until showers moved through the state in the afternoon hours. Thunderstorms formed in southern Iowa during the nighttime hours and lingered into Sunday (8th) morning. Rainfall totals at 7:00 am were highest in southwestern Iowa with Shenandoah (Page County) reporting 2.56 inches; over ten stations reported totals above one inch with the statewide average rainfall of 0.41 inch.

Weekly rainfall totals ranged from no accumulation at multiple locations to 2.56 inches in Shenandoah (Page County). The statewide weekly average precipitation was 0.50 inch while the normal is 0.84 inch. The week's high temperature of 92 degrees was reported on the 3rd in Donnellson (Lee County), 11 degrees above average. Elkader (Clayton County) and Manchester (Delaware County) reported the week's low temperature of 45 degrees on the 6th, on average seven degrees below normal.

Average Temperature (°F): Departure from 1981-2010 Normals

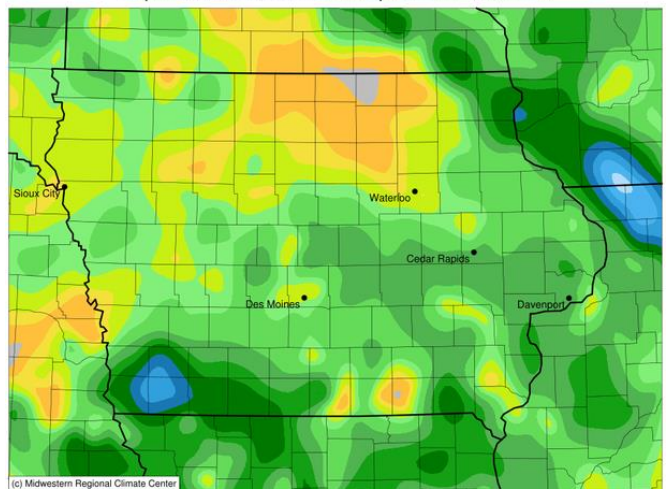
September 02, 2019 to September 08, 2019



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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Accumulated Precipitation (in)

September 02, 2019 to September 08, 2019



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
 cli-MATE: MPRCC Application Tools Environment
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