



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending September 13, 2020
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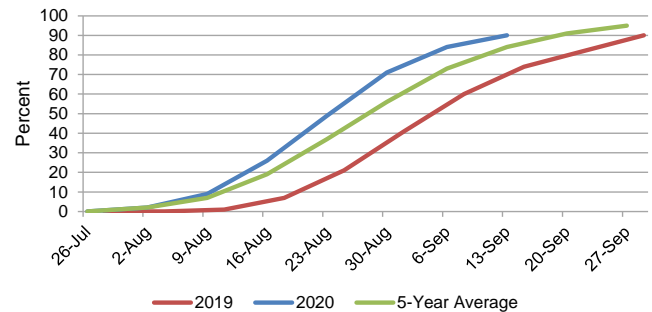
Most of Iowa had multiple days of much needed rain, which only left just **1.4 days suitable for fieldwork** during the week ending September 13, 2020, according to the USDA, National Agricultural Statistics Service. Field activities included harvesting corn for silage, moving old crop grain stocks, and preparing equipment and bins for harvest.

Topsoil moisture condition rated 12% very short, 21% short, 59% adequate and 8% surplus. **Subsoil moisture** condition rated 20% very short, 31% short, 46% adequate and 3% surplus.

Corn was 90% in or beyond dent stage, over 2 weeks ahead of the previous year and 5 days ahead of the 5-year average. Forty-five percent of the crop has reached maturity, almost 3 weeks ahead of last year and 1 week ahead of average. Corn harvest for grain has begun across much of the State with 1% of the crop harvested. Corn condition rated 42% good to excellent, a drop of 1 percentage point from the previous week. **Soybeans** coloring or beyond advanced to 79%. That is over 2 weeks ahead of last year and 1 week ahead of average. Soybeans dropping leaves reached 41% this week, 2 weeks ahead of last year and 6 days ahead of average. Soybean harvest began in some areas with 1% of the crop harvested statewide. Soybean condition rated 48% good to excellent.

Alfalfa hay third cutting was 96% complete, over a month ahead of last year and 18 days ahead of the 5-year average. **Pasture condition** improved 5 percentage points this week although still just 17% good to excellent. Pastures are greening up as a result of receiving much needed rain. Cattlemen continued supplemental feeding of hay.

**Corn Dented - Iowa
For the Second Week of September**



Crop Condition as of September 13, 2020

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	11	16	31	38	4
Soybeans	6	14	32	43	5
Pasture and range	17	32	34	17	0

Crop Progress as of September 13, 2020

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 dented	98	91	88	95	89	84	92	87	76	90	84	70	84
Corn mature	60	27	40	54	48	43	50	36	31	45	28	7	26
Hay, alfalfa, third cutting	99	96	98	98	92	97	91	99	88	96	93	82	88
Soybeans coloring	86	95	76	84	81	73	70	60	61	79	58	33	59
Soybeans dropping leaves	54	30	35	51	50	34	40	24	22	41	19	4	20

Days Suitable for Fieldwork and Soil Moisture Condition as of September 13, 2020

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)
Days suitable	2.5	1.0	1.2	1.3	0.9	1.0	2.4	1.0	1.4	1.4	6.4	3.7
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	26	1	0	19	9	10	16	18	8	12	38	1
Short	36	14	4	30	15	6	46	24	11	21	42	13
Adequate	35	81	86	50	69	46	38	57	70	59	20	81
Surplus	3	4	10	1	7	38	0	1	11	8	0	5
Subsoil moisture												
Very short	28	9	1	47	16	9	28	22	14	20	38	3
Short	42	45	8	38	33	9	48	26	16	31	41	18
Adequate	29	46	88	15	50	66	24	51	67	46	21	76
Surplus	1	0	3	0	1	16	0	1	3	3	0	3

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 7, 2020, through 7:00 A.M. Central Time on September 13, 2020.

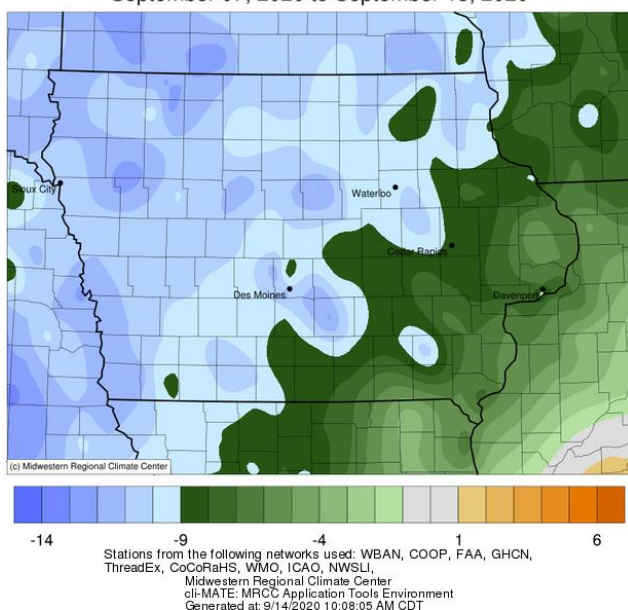
A significant shift in the storm track brought the wettest week of the reporting season to Iowa. More rain fell across the state than in the month of August with a vast majority of reporting stations observing positive departures; eastern Iowa reported up to five inches of above normal rainfall. Unseasonably cool conditions also blanketed the state due to extended rainfall and cloud cover. Temperatures were up to 14 degrees cooler than normal with the statewide average temperature at 55.4 degrees, 11.3 degrees below normal.

Thunderstorms with locally heavy rainfall were present in eastern Iowa Sunday (6th) afternoon with light rain stretching into central Iowa. As the system cleared, mostly sunny skies returned and daytime highs pushed into the upper 80s and low 90s. Northerly winds built in overnight, signaling a transition to a more active storm track with lows on Monday (7th) ranging from the mid 50s north to mid 60s south. Clouds increased through the day holding highs in the upper 60s and low 70s in the state's northern half. A stationary front in southern Iowa allowed temperatures to rise into the upper 70s. Thunderstorms began forming along this boundary during late evening and quickly expanded to cover much of southern Iowa. A secondary complex of thunderstorms associated with an upper level disturbance moved into northwestern Iowa overnight. The large-scale flow configuration brought waves of showers and thunderstorms over the next several days. On Tuesday (8th), temperatures were well below average and the coldest of the season, generally in the upper 40s and low 50s with the statewide average high temperature of 52 degrees, 26 degrees below normal. Multiple stations reported record low high temperatures for the date, breaking records from the late 1800s. Des Moines (Polk County) and Waterloo (Black Hawk County) both observed 51 degrees, besting their records of 54 and 58 degrees, respectively, set in 1898. Cloud cover held morning lows in the mid to upper 40s. Two-day rain totals reported at 7:00 am on Wednesday (9th) showed widespread amounts of at least an inch across a majority of reporting stations with nearly 100 stations observing over two inches. The highest totals were found in eastern Iowa ranging from 3.02 inches in Marengo (Iowa County) to 3.79 inches at Salem 1 S (Henry County); the statewide average rain total was 1.50 inches.

Rain showers continued through the day with a lull during the late evening hours before another round of showers moved into southwestern Iowa overnight into Thursday (10th). The rain shield spanned most of the state and slowly pushed out of eastern Iowa during late afternoon. Cloudy and cool conditions persisted with patchy mist and drizzle as temperatures remained in the 50s. Much of the central southwest to northeast one-third of Iowa received rainfall in the 0.50 to 1.00 inch range. Only a few stations in northwest Iowa did not report measurable rain. Elma (Howard County) observed 1.73 inches while the statewide average was 0.56 inch. Dreary conditions continued through Friday (11th) with widespread, persistent rainfall across Iowa's eastern half. Western Iowa also saw wet conditions, though spottier than in the east. Afternoon temperatures were warmer than the last few days, peaking in the upper 50s and low 60s, still 10 - 20 degrees below average. Rain gauge measurements at 7:00 am on Saturday (12th) had the highest totals in eastern Iowa, where one to two inch totals were frequently found; over 25 stations reported two inches or more with a gauge in Hopkinton (Delaware County) collecting 2.86 inches. Totals across the state's central one-third were in the 0.30 to 0.75 inch range with lighter amounts towards the Iowa-Nebraska border. Spotty rain showers continued into the late night hours as the upper level low pushed east, though totals were general light. Clouds began to decrease overnight into Sunday (13th) with low temperatures in the upper 40s and low 50s.

Weekly precipitation totals ranged from 0.41 inch in Rock Rapids (Lyon County) to 6.88 inches at De Witt 4 (Scott County). The statewide weekly average precipitation was 3.12 inches, almost four times the normal of 0.84 inch. Little Sioux 2NW (Harrison County) reported the week's high temperature of 97 degrees on the 6th, 18 degrees above normal. Holstein 5 NNW (Iowa County) reported the week's low temperature of 39 degrees on the 9th, 12 degrees below normal.

Average Temperature (°F): Departure from 1981-2010 Normals
September 07, 2020 to September 13, 2020



Accumulated Precipitation (in)
September 07, 2020 to September 13, 2020

