



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending May 24, 2020
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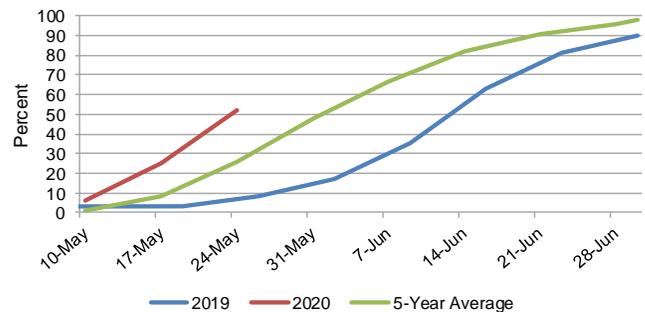
Rain throughout the week resulted in **2.5 days suitable for field work** during the week ending May 24, 2020, according to the USDA, National Agricultural Statistics Service. Below normal temperatures have slowed crop growth.

Topsoil moisture levels rated 0% very short, 2% short, 76% adequate and 22% surplus. **Subsoil moisture** levels rated 1% very short, 3% short, 79% adequate and 17% surplus.

Iowa farmers have planted 97% of the expected **corn** crop, 3 weeks ahead of last year and almost 2 weeks ahead of the 5-year average. Corn emergence was at 82%, an improvement of 20 percentage points from the previous week. The first corn condition rating of the season was 0% very poor, 2% poor, 17% fair, 67% good and 14% excellent. The **soybean** crop moved to 92% planted, nearly a month ahead of last year and over 2 weeks ahead of average. Farmers in Southwest Iowa have over 25% of their soybeans left to plant. Fifty-two percent of the soybean crop has emerged, doubling the amount of soybeans emerged from the previous week. Ninety-five percent of the **oat** crop has emerged. Oat condition rated 81% good to excellent.

Hay condition rated 73% good to excellent. **Pasture condition** improved to 66% good to excellent. There was little stress on livestock although feedlots remain muddy.

Soybeans Emerged - Iowa
For the Fourth Week of May



Crop Condition as of May 24, 2020

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	0	2	17	67	14
Hay	0	3	24	60	13
Oats	0	1	18	69	12
Pasture and range	0	6	28	52	14

Crop Progress as of May 24, 2020

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-yr average
Corn emerged	95	95	74	84	82	75	60	75	75	82	62	36	66
Oats emerged	92	100	99	92	98	91	90	94	92	95	91	84	92
Soybeans planted	98	99	96	90	95	92	74	89	84	92	86	31	64
Soybeans emerged	73	68	48	49	56	46	27	37	41	52	25	7	25

Days Suitable for Fieldwork and Soil Moisture Condition as of May 24, 2020

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
Days suitable	2.0	2.5	2.8	2.2	3.0	2.9	2.7	1.6	2.4	2.5	4.3	1.0
Topsoil moisture												
Very short	0	0	0	0	0	0	3	0	0	0	2	0
Short	3	0	8	4	0	1	2	0	1	2	7	0
Adequate	79	89	81	83	75	64	81	48	61	76	78	41
Surplus	18	11	11	13	25	35	14	52	38	22	13	59
Subsoil moisture												
Very short	1	0	1	2	0	0	4	0	0	1	1	0
Short	2	1	7	10	2	0	3	0	1	3	6	1
Adequate	72	88	85	83	86	69	83	56	68	79	83	44
Surplus	25	11	7	5	12	31	10	44	31	17	10	55

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 May 18, 2020, through 7:00 A.M. Central Time on May 24, 2020.

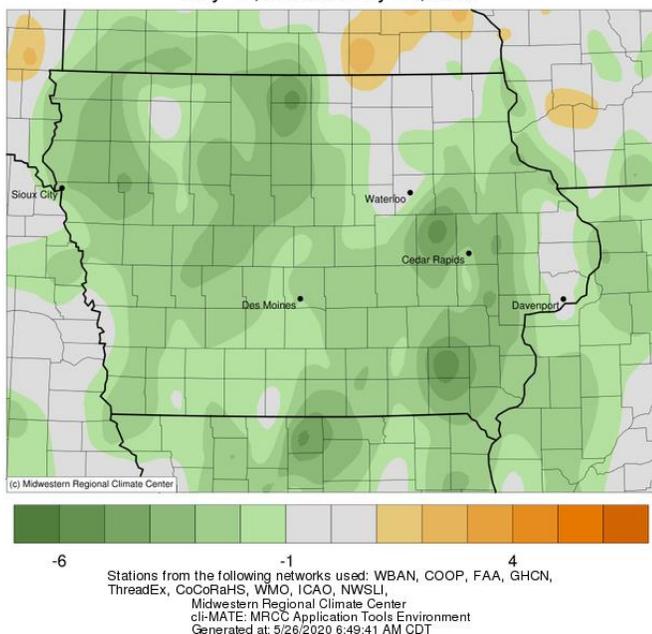
Under a stagnant atmospheric pattern across the Midwest, Iowa experienced cool and cloudy conditions through much of the reporting period. The persistent cloud cover and sluggish large-scale flow did not allow temperatures to fluctuate significantly between the daytime and nighttime for several days. Temperatures were up to four degrees below normal with the statewide average temperature of 60.7 degrees, 2.6 degrees below normal. Measurable rainfall was also reported statewide, though below average totals were observed at a majority of stations.

A cut-off low pressure system continued to spin over northwest Iowa through most of Sunday (17th). The low moved slowly as it lacked the large-scale steering flow to move it out of the region. A lingering band of showers left measurable rain totals across northern and eastern Iowa. Kanawha (Hancock County) reported 1.13 inches while Le Claire Lock and Dam (Scott County) reported 1.17 inches. Totals tailed off to a few tenths of an inch in east-central Iowa. Cloudy and damp conditions held daytime highs in the mid 50s to low 60s west to east. Overnight lows into Monday (18th) did not drop appreciably, remaining in the low 50s under northerly winds and a thick stratus cloud deck. Temperatures through the afternoon topped out in the mid to upper 50s with the statewide average high of 58 degrees, 14 degrees below normal. Similar conditions were reported on Tuesday (19th), though daytime temperatures did reach into the low 60s across much of Iowa. Light easterly winds were reported overnight into Wednesday (20th) with morning temperatures in the low to mid 50s statewide, seasonal for this time of year. Foggy conditions were also reported across southern and western Iowa. As the cloudy day wore on, temperatures remained in the 60s with lower 70s observed in northeastern Iowa.

Winds began to shift to a southeasterly direction into the late night hours with lows in the mid to upper 50s reported across the state. Daytime highs on Thursday (21st) rose into the low to mid 60s with some peeks of sunshine in western Iowa. A weak disturbance pushed into Iowa bringing light rain to some western stations, though generally under 0.01 inch. Overnight temperatures into Friday (22nd) remained in the mid to upper 50s with low-lying fog under continuing cloudiness. Southeasterly winds helped push daytime temperatures into the upper 60s and low 70s ahead of a slow-spinning low pressure system along the Kansas-Nebraska border. The system pushed into Iowa during the late night hours, bringing showers and thunderstorms through Saturday (23rd). Some thunderstorms turned severe across eastern Iowa shortly after noon. A few weak tornadoes were reported, including one with an EF-1 rating in Morse (Johnson County), which caused some minor structural damage on a farm. A secondary line of strong thunderstorms pushed into western Iowa overnight into Sunday (24th) morning, bringing locally heavy rain. Two-day totals reported at 7:00 am were generally at or above 0.20 inch across much of the state with the highest amounts reported in northwest Iowa; Sioux Rapids (Buena Vista County) reported 1.81 inches with the statewide average of 0.51 inch.

Weekly rain totals ranged from 0.03 inch in Keosauqua (Lee County) to 2.14 inches in Maquoketa (Jackson County). The statewide weekly average precipitation was 0.79 inch while the normal is 1.05 inches. Red Oak (Montgomery County) reported the week's high temperature of 83 degrees on the 23rd, seven degrees above normal. Sibley (Osceola County) reported the week's low temperature of 45 degrees on the 18th, one degree below normal.

Average Temperature (°F): Departure from 1981-2010 Normals
May 18, 2020 to May 24, 2020



Accumulated Precipitation (in)
May 18, 2020 to May 24, 2020

