



Iowa Crop Progress & Condition

Upper Midwest Regional Field Office · 210 Walnut Street Ste 833 · Des Moines IA 50309 · (515) 776-3400 · (800) 772-0825
Fax (855) 271-9802 · www.nass.usda.gov

Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending June 23, 2019
Issued June 24, 2019

Media Contact: Greg Thessen

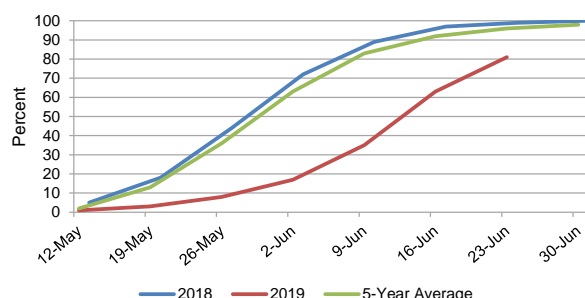
Another wet week as showers and thunderstorms moved through the State meant Iowa farmers had limited opportunities for fieldwork during the week ending June 23, 2019, according to the USDA, National Agricultural Statistics Service. Statewide there were just **3.1 days suitable for fieldwork**. Fieldwork activities included planting, harvesting hay, spraying and applying nitrogen.

Topsoil moisture condition was rated 0 percent very short, 1 percent short, 68 percent adequate and 31 percent surplus. **Subsoil moisture** condition was rated 0 percent very short, 1 percent short, 62 percent adequate and 37 percent surplus.

Ninety-six percent of the expected **corn** crop has emerged, two weeks behind last year and 15 days behind the 5-year average. Corn condition improved to 62 percent good to excellent. Ninety-five percent of the expected **soybean** crop has been planted, two weeks behind average. Eighty-one percent of the crop has emerged, over two weeks behind last year and average. Soybean condition rated 63 percent good to excellent, also an improvement from the last report. **Oats** headed reached 58 percent, eight days behind last year and average, while 3 percent of the crop has started coloring. Oat condition rated 63 percent good to excellent.

Wet conditions slowed progress on the first cutting of **alfalfa hay** with just 73 percent of the crop harvested statewide, nearly two weeks behind average. **Hay condition** rated 66 percent good to excellent. **Pasture condition** continued to improve and rated 69 percent good to excellent. Feedlots were muddy after recent rainfalls.

Soybeans Emerged - Iowa
For the Fourth Week of June



Crop Condition as of June 23, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	2	6	30	52	10
Hay, all	1	6	27	52	14
Oats	1	3	33	51	12
Soybeans	1	4	32	55	8
Pasture and range	1	4	26	51	18

Crop Progress as of June 23, 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 emerged	97	99	97	95	98	93	88	93	95	96	88	100	100
Hay, alfalfa, first cutting	82	96	81	90	87	89	51	57	63	73	61	95	90
Oats headed	47	36	46	56	80	62	79	68	63	58	41	81	80
Soybeans planted	98	99	97	95	97	94	84	95	90	95	89	100	99
Soybeans emerged	87	91	86	82	87	75	68	70	65	81	63	99	96

Days Suitable for Fieldwork and Soil Moisture Condition as of June 23, 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)
Days suitable	3.0	3.3	3.7	2.8	2.7	3.7	2.5	2.9	3.1	3.1	5.3	2.1
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	1
Short	1	0	1	3	0	0	1	4	3	1	4	6
Adequate	73	89	79	73	54	55	69	56	48	68	77	68
Surplus	26	11	20	24	46	45	30	40	49	31	19	25
Subsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	3
Short	1	0	1	0	0	0	0	3	2	1	1	10
Adequate	56	83	69	73	55	44	63	54	52	62	70	67
Surplus	43	17	30	27	45	56	37	43	46	37	29	20

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

An unsettled and active weather pattern across the Midwest brought multiple days of showers and thunderstorms across Iowa during the reporting period. The western two-thirds of Iowa experienced above average rainfall while the northeast corner was slightly drier than average. Unseasonable coolness also continued across the state. Temperatures averaged 67.2 degrees, 4.1 degrees below normal.

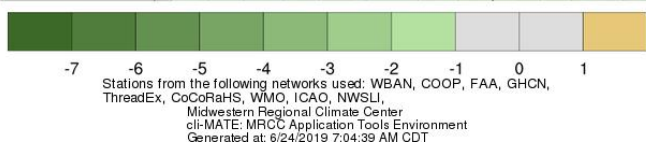
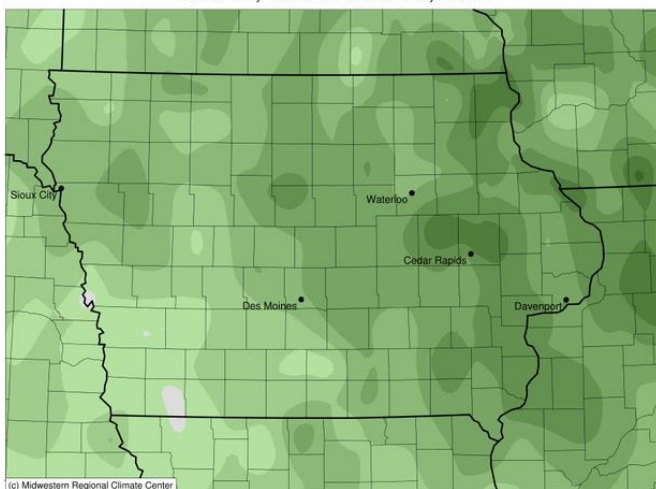
A warm front draped across central Iowa during mid-afternoon Sunday (16th) set up a stark temperature contrast across the state. Eastern Iowa reported highs in the mid to upper 60s, around 10-15 degrees below average. Temperatures across western Iowa reached the low to mid 80s, near normal for June. A cold front moved through on Monday (17th) bringing measurable rainfall across Iowa's northwestern third. Slow-moving thunderstorms brought locally heavy amounts; rain totals ranged from 0.25 inch to over 1.50 inches; Pocahontas (Pocahontas County) reported 1.60 inches, 1.43 inches above average. The cold front continued to move through Iowa on Tuesday (18th) with measurable rain across much of the state. Isolated thunderstorms fired in Iowa's southwestern corner; Atlantic (Cass County) and Randolph (Fremont County) reported 24-hour totals of 1.58 and 1.84 inches, respectively. High temperatures ranged from the upper 70s to low 80s in southern Iowa and 70s across the rest of the state. The average statewide high was 74 degrees, eight degrees below normal.

A weak low pressure system moving through northern Missouri brought showers to southern Iowa early on Wednesday (19th). Additional development over central and southeastern Iowa during the afternoon and evening hours brought locally heavy rainfall to a handful of stations across three counties in extreme southeast Iowa; Salem (Henry County) reported 2.74 inches while Keokuk Lock and Dam (Lee County) observed 1.77 inches. A stagnant low pressure system sat over the Midwest beginning Thursday (20th), bringing waves of showers and thunderstorms through the weekend. Isolated showers and a few thunderstorms moved through Iowa during Thursday morning and afternoon. Western Iowa reported the highest totals with Sac City (Sac County) observing 2.40 inches, 2.21 inches above average. High temperatures remained cooler than average under cloudy skies, generally in the 70s statewide.

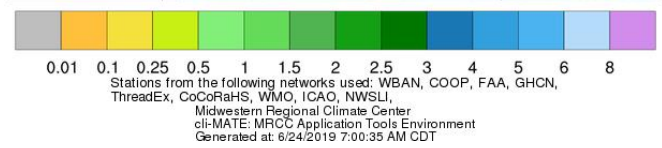
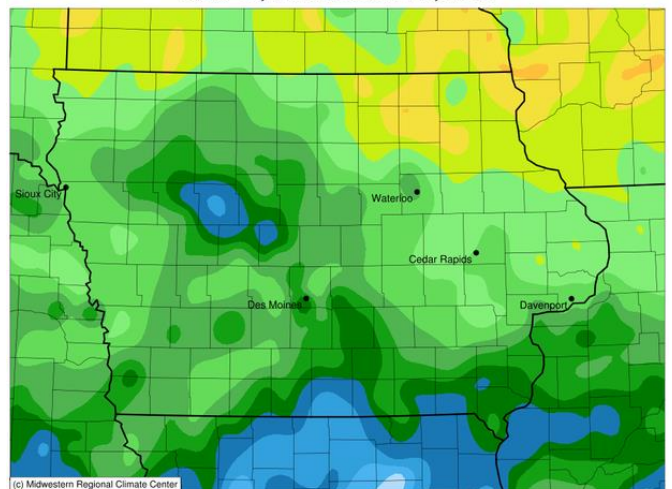
Friday (21st) started off very wet as a line of strong thunderstorms sped across the state, leaving measurable rainfall at most stations. A second round of storms moved through southern Iowa in the late night hours into Saturday (22nd). Rain totals at 7:00 am were highest in central Iowa with Des Moines International Airport (Polk County) reporting 2.41 inches. Locations east and west had general totals between 0.20 to 1.00 inch; 20 stations reported over an inch with the statewide average at 0.45 inch, 0.28 inch above average. The remainder of Saturday was cool and wet across much of Iowa with highs in the mid to upper 70s, six degrees below normal. Thunderstorms moved into southwestern Iowa during the late afternoon and moved into central and eastern Iowa during the late evening hours. Some locations experienced torrential downpours and flash flooding in central Iowa from the large convective complex. There were also a few reports of severe hail and high winds. The system slowly moved through Iowa into Sunday (23rd) morning. Rain totals ranged from 0.01 inch in Sac City (Sac County) to 1.98 inches in Des Moines (Polk County).

Weekly rainfall totals ranged from 0.23 inch at Cresco (Howard County) to 5.01 inches in Allerton (Wayne County). The statewide weekly average precipitation was 1.73 inches, while the normal is 1.17 inches. The week's high temperature of 86 degrees was observed in Oakland (Pottawattamie County) on the 17th, four degrees above normal. Cedar Rapids (Linn County) reported the week's low temperature of 49 degrees on the 18th, 12 degrees below average.

Average Temperature (°F): Departure from 1981-2010 Normals
 June 17, 2019 to June 23, 2019



Accumulated Precipitation (in)
 June 17, 2019 to June 23, 2019



Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>