



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending June 2, 2019
Issued June 3, 2019

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Iowa farmers continue to battle wet field conditions as another week of heavy rainfall limited farmers to only **1.3 days suitable for fieldwork** statewide during the week ending June 2, 2019, according to the USDA, National Agricultural Statistics Service. The lower third of Iowa had 0.5 day suitable for fieldwork or less for the second week in a row.

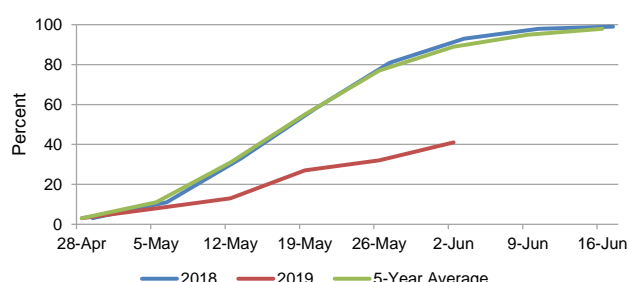
Topsoil moisture levels rated 0 percent very short, 0 percent short, 50 percent adequate and 50 percent surplus. **Subsoil moisture** levels rated 0 percent very short, 0 percent short, 49 percent adequate and 51 percent surplus.

Eighty percent of the expected **corn** crop has been planted, nearly 3 weeks behind the 5-year average. This is the smallest amount of corn planted by June 2 since 1982 when 76 percent of the expected crop had been planted. There were comments that some of these expected corn acres may go to soybeans or prevented planting. Fifty-eight percent of the crop has emerged, 12 days behind last year and 13 days behind average. Forty-one percent of the expected **soybean** crop has been planted, 18 days behind last year and average. This is the smallest percent of soybeans planted by June 2 since 1993 when just 39 percent of the expected crop had been planted. Seventeen percent of the crop has emerged, 2 weeks behind last year and 13 days behind average. Ninety-three percent of the expected **oat** crop has emerged, 8 days behind last year and

10 days behind average. Six percent of the crop has headed, 8 days behind average.

Only 4 percent of the State's first cutting of **alfalfa hay** has been completed, over two weeks behind average. **Hay condition** rated 60 percent good to excellent. **Pasture condition** decreased slightly to 62 percent good to excellent. Feedlots remain muddy.

Soybeans Planted - Iowa
For the First Week of June



Crop Condition as of June 2, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	3	8	38	45	6
Hay, all	1	7	32	49	11
Oats.....	1	3	33	51	12
Pasture and range.....	1	5	32	47	15

Crop Progress as of June 2, 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 planted.....	75	90	84	86	87	76	76	56	62	80	76	99	99
Corn emerged	52	69	48	65	69	50	54	46	48	58	42	89	91
Oats emerged	98	98	99	93	98	83	93	92	80	93	87	98	99
Oats headed.....	2	1	3	5	16	2	18	4	14	6	1	17	19
Soybeans planted.....	32	47	58	46	49	33	40	31	22	41	32	91	89
Soybeans emerged.....	9	17	23	19	23	14	19	18	10	17	8	68	63

Days Suitable for Fieldwork and Soil Moisture Condition as of June 2, 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	1.2	0.7	2.7	1.8	1.7	1.6	0.5	0.1	0.4	1.3	1.0	5.0
	(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	4
Short	0	0	0	0	1	0	0	0	0	0	0	15
Adequate	43	83	59	66	58	36	20	10	35	50	41	75
Surplus	57	17	41	34	41	64	80	90	65	50	59	6
Subsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	4
Short	0	0	0	1	1	0	0	0	0	0	1	15
Adequate	39	68	63	69	55	28	24	18	50	49	44	74
Surplus	61	32	37	30	44	72	76	82	50	51	55	7

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

Iowa continued to experience wetter than normal conditions as a persistent weather pattern locked in over the Midwest brought multiple low pressure systems through the state. Temperatures were near normal across a majority of Iowa with cooler conditions in northwestern Iowa and slightly warmer conditions in parts of eastern Iowa.

After an unseasonably warm and sunny afternoon, thunderstorms moved through Iowa late Sunday (26th) night through Memorial Day (27th). Isolated severe thunderstorms moved through west-central Iowa early in the day with reports of straight-line wind damage to trees from Page County to Polk County; 70 mph wind gusts were reported in Menlo (Guthrie County). Around midafternoon, an isolated severe storm in northeastern Iowa produced multiple reports of tornadoes from Charles City (Floyd County) into Howard County. Weak tornadoes with minor structural damage were also reported across Van Buren, Des Moines, and Lee Counties, associated with a fast moving severe storm in the evening hours.

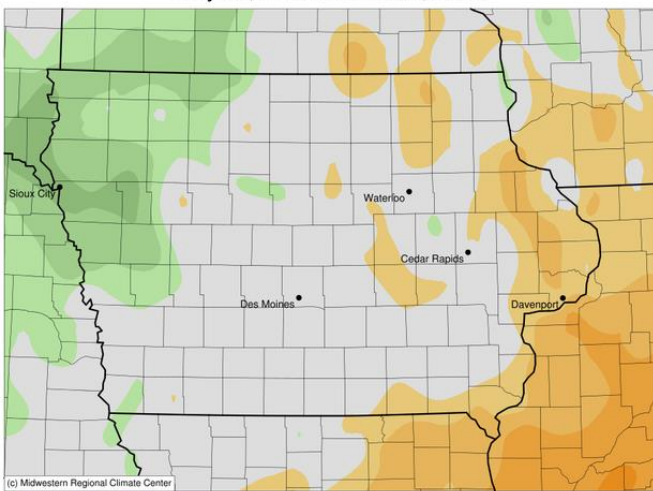
Tuesday (28th) was another active day with additional rounds of thunderstorms moving through the state. There were also severe hail and high wind reports across southern Iowa; wind damage was reported to multiple structures at an Iowa State University research farm in Lucas County. Two-day rain totals were largest across the state's southern third where multiple stations reported above average totals between two to four inches. Over 40 stations reported totals above two inches with Salem (Henry County) observing 4.70 inches. Rainfall totals across the rest of Iowa were generally between 0.50-1.00 inch.

A low pressure system located in eastern Nebraska slowly propagated through Iowa on Wednesday (29th), spinning up weak land spout tornadoes in nine counties. Structural and tree damage was reported along with one injury in Poweshiek County. Strong thunderstorms formed later in the day across eastern Iowa, producing locally heavy downpours. Parkersburg (Butler County) reported 1.35 inches, 1.19 inches above average. The low finally exited on Thursday (30th), producing very isolated and slow moving storms in western Iowa. Rainfall ranged from 0.10 inch in Rockwell City (Calhoun County) to 0.53 inch in Creston (Union County).

Friday (31st) was the week's warmest day, especially in north-central Iowa, where highs were 10-12 degrees above average. Spotty thundershowers developed during the evening hours though they quickly dissipated. Another line of showers and thunderstorms sped through Iowa in the early morning hours on Saturday (1st). Rainfall totals were generally light with Atlantic (Cass County) reporting 0.42 inch. The rest of Saturday was relatively quiet statewide with highs reaching into the low to mid 70s across the state's northern half and into the low 80s across southern Iowa, a few degrees warmer than average. Overnight lows into Sunday (2nd) were generally in the mid to upper 50s. These readings were cooler than average, especially under clear skies.

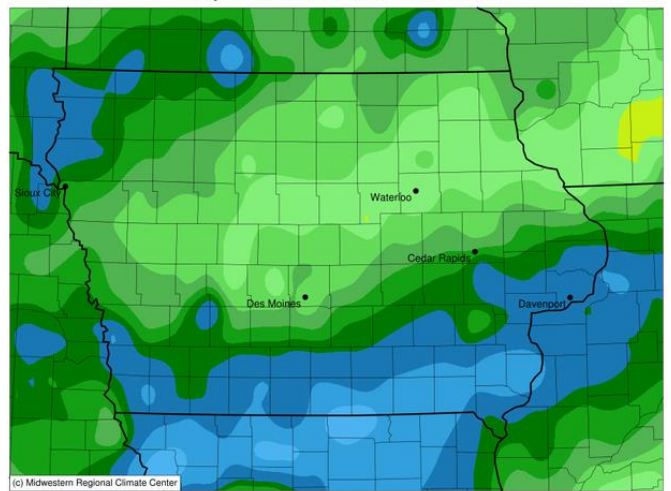
Weekly rainfall totals ranged from 0.51 inch in Webster City (Hamilton County) to 5.14 inches in Keosauqua (Van Buren County). The statewide weekly average precipitation was 2.11 inches, while the normal is 1.08 inches. Temperatures averaged 64.8 degrees, 0.10 degree below normal. The week's high temperature of 89 degrees was observed at Hampton (Franklin County), Iowa Falls (Hardin County), and Waterloo (Black Hawk County) on the 31st, on average 13 degrees above normal. Cresco (Howard County) reported the week's low temperature of 43 degrees on the 2nd, eight degrees below average.

Average Temperature (°F): Departure from 1981-2010 Normals
 May 27, 2019 to June 02, 2019



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
 ci-MATE: MRCC Application Tools Environment
 Generated at: 6/3/2019 7:36:53 AM CDT

Accumulated Precipitation (in)
 May 27, 2019 to June 02, 2019



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
 ci-MATE: MRCC Application Tools Environment
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Temperature and Precipitation Maps, courtesy of the Midwest Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>