



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 March 31, 2019
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Media Contact: Greg Thessen

Fields remained wet across most of Iowa during the week ending March 31, 2019, according to the USDA, National Agricultural Statistics Service. Statewide there was just **0.3 day suitable for fieldwork**. Wet conditions prevented most field work activities; however, there were reports of hauling grain, spreading manure and planting oats.

Topsoil moisture levels rated 0 percent very short, 0 percent short, 38 percent adequate and 62 percent surplus. **Subsoil moisture** levels rated 0 percent very short, 0 percent short, 43 percent adequate and 57 percent surplus.

There were a few reports of oats being planted. However, for the first time since 2013 less than 0.5 percent of the expected crop was planted by the end of March at the State level.

In parts of Iowa, pastures and hay have started to green. Temperature fluctuations have created some health issues during calving season and mud continued to be an issue in feedlots.

Days Suitable and Soil Moisture Condition as of March 31, 2019

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	0.0 (days)	0.0 (days)	0.4 (days)	0.4 (days)	0.4 (days)	0.9 (days)	0.0 (days)	0.2 (days)	0.4 (days)	0.3 (days)	(NA) (days)	0.4 (days)
	(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	(NA)	3
Short	0	0	0	0	0	0	0	0	0	0	(NA)	9
Adequate	25	49	36	55	51	32	14	18	38	38	(NA)	73
Surplus	75	51	64	45	49	68	86	82	62	62	(NA)	15
Subsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	(NA)	4
Short	0	0	0	0	0	0	0	1	1	0	(NA)	14
Adequate	20	34	58	57	61	25	28	39	63	43	(NA)	74
Surplus	80	66	42	43	39	75	72	60	36	57	(NA)	8

(NA) Not available.

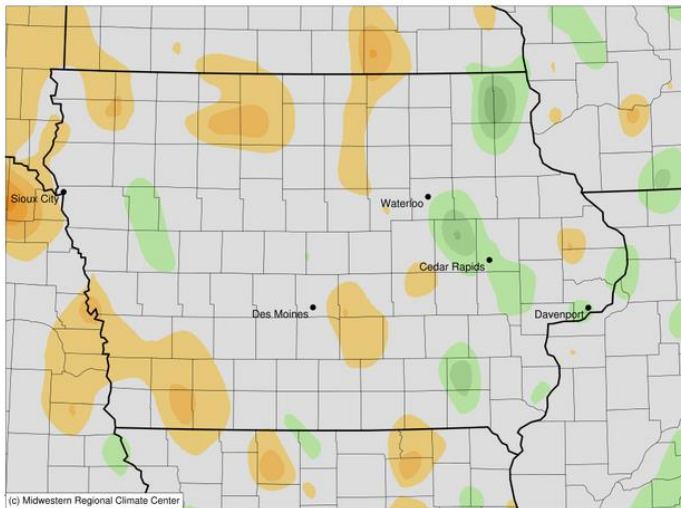
IOWA PRELIMINARY WEATHER SUMMARY

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

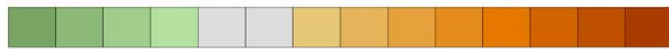
Iowa's northern three-quarters were unseasonably dry during the last week of March with wetter than average conditions across the state's southern quarter. Statewide temperatures were generally near to slightly above average. The week began dry with high temperatures in the mid to upper 40s on Monday (25th), reaching into the mid 50s on Tuesday (26th); upper 50s were reported in southwest Iowa. Wednesday (27th) was the week's warmest day with highs ranging from the mid-60s in the east to low 70s in the west; temperatures were boosted by southwesterly winds. Showers moved into the southern quarter of Iowa ahead of a cold front on Thursday (28th) becoming more widespread Friday (29th) into Saturday (30th) morning. The state's southern third observed rain totals above 0.50 inches with totals ranging from one to nearly three inches along the eastern half of the Iowa/Missouri border. Saturday night into Sunday (31st) had the coldest overnight lows of the week, generally in the low to mid-20s, 10 – 12 degrees below average. Sunday was sunny across Iowa with unseasonably cold highs in the low to mid-40s. Little Sioux (Harrison County) observed the week's high of 73 degrees on the 27th, 19 degrees above average. Mapleton (Monona County) recorded a low of 15 degrees on the 31st, 14 degrees below average. Keokuk Lock and Dam (Lee County) reported the highest rainfall total of the week at 2.73 inches. Soil temperatures at the four-inch depth averaged in the upper 30s north to low 40s south as of Sunday. Even with thawed topsoil, a layer of frozen soil still persists at a depth of 12 inches across parts of northern Iowa.

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

March 25, 2019 to March 31, 2019



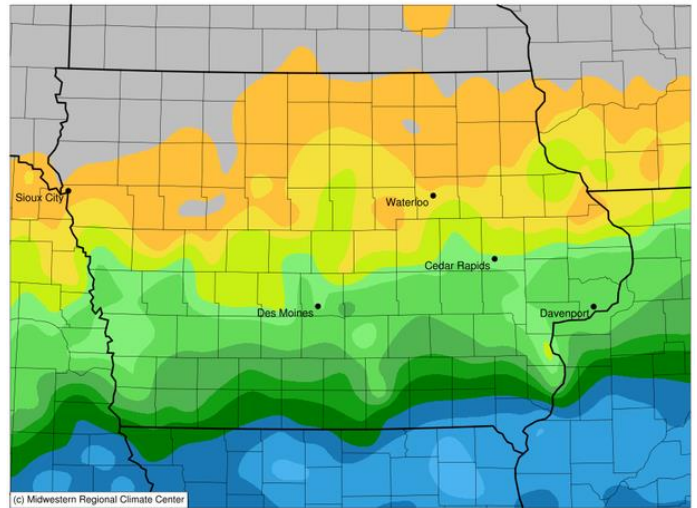
(c) Midwestern Regional Climate Center



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center cli-MATE: MRCC Application Tools Environment
Generated at: 4/1/2019 10:31:27 AM CDT

Accumulated Precipitation (in)

March 25, 2019 to March 31, 2019



(c) Midwestern Regional Climate Center



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center cli-MATE: MRCC Application Tools Environment
Generated at: 4/1/2019 10:29:17 AM CDT

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