



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending June 6, 2021
Issued June 7, 2021

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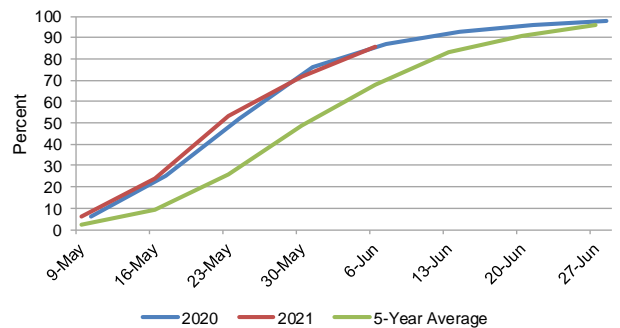
Dry conditions and warming temperatures meant farmers had **6.2 days suitable for fieldwork** during the week ending June 6, 2021 according to the USDA, National Agricultural Statistics Service. In addition to planting, field activities included spraying post emergence herbicides, side dressing nitrogen, baling cover crops and harvesting hay.

Topsoil moisture levels rated 7% very short, 32% short, 59% adequate and 2% surplus. **Subsoil moisture** levels rated 12% very short, 34% short, 53% adequate and 1% surplus. Subsoil moisture conditions in northwest, west central, central and south central Iowa were rated over 50% short to very short.

Some producers in the upper two-thirds of the State re-planted corn and soybeans due to frost damage that occurred in late May. **Corn** emergence reached 96%, 9 days ahead of the 5-year average. Iowa's corn condition rated 77% good to excellent. At 98%, nearly all of Iowa's **soybean** crop has been planted, almost 2 weeks ahead of normal. Statewide, soybeans emerged reached 86%, 9 days ahead of the 5-year average. Soybean emergence in southeast Iowa is slightly behind with over one-quarter of the soybean crop yet to emerge. Soybean condition rated 73% good to excellent. **Oats** headed reached 37%, 4 days ahead of normal. Iowa's oat condition rated 68% good to excellent.

Iowa farmers took advantage of the week's dry weather and completed 41% of the first cutting of **alfalfa hay** during the week ending June 6 to reach 58% complete, 2 days ahead of normal. **Hay condition** rated 62% good to excellent. **Pasture condition** rated 53% good to excellent. Some stress on livestock due to high temperatures was reported.

Soybeans Emerged - Iowa



Crop Condition as of June 6, 2021

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	1	2	20	60	17
Hay, all	2	5	31	45	17
Oats	1	2	29	54	14
Pasture and range	3	12	32	42	11
Soybeans	1	3	23	58	15

Crop Progress as of June 6, 2021

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	99	98	95	94	96	97	97	95	91	96	87	96	89
Hay, alfalfa, first cutting	64	60	76	72	74	60	64	43	30	58	17	49	52
Oats headed	30	38	30	59	53	33	58	30	36	37	21	16	26
Soybeans planted	100	99	99	98	99	96	99	97	91	98	93	97	87
Soybeans emerged	93	94	87	84	94	85	78	75	70	86	72	85	68

Days Suitable for Fieldwork and Soil Moisture Condition as of June 6, 2021

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	6.2	6.4	5.8	6.2	6.5	6.3	6.3	6.5	5.7	6.2	3.4	5.1
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	10	1	6	10	10	5	1	14	7	7	1	0
Short	41	36	30	39	44	22	13	24	21	32	14	4
Adequate	45	63	64	51	44	72	86	55	70	59	76	85
Surplus	4	0	0	0	2	1	0	7	2	2	9	11
Subsoil moisture												
Very short	21	4	5	20	13	5	10	14	8	12	10	0
Short	38	34	33	48	41	19	26	39	10	34	28	3
Adequate	40	62	62	32	43	75	64	47	82	53	58	87
Surplus	1	0	0	0	3	1	0	0	0	1	4	10

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 31, 2021, through 7:00 A.M. Central Time on June 6, 2021.

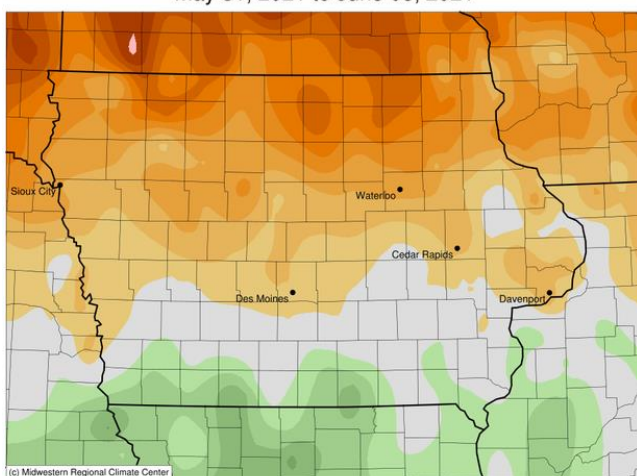
The first week of meteorological summer brought warmer conditions across much of Iowa with a statewide average temperature of 69.9 degrees, 3.7 degrees above normal. Dryness also persisted with a southwest to east-central swath of the state reporting no measurable rainfall. Statewide precipitation deficits were well over an inch with smaller departures in the northwest.

Rain showers dissipated into the afternoon hours on Sunday (30th) as a weak disturbance pushed eastward through Iowa. Afternoon temperatures were in the upper 50s northwest to upper 60 southeast where sunny skies prevailed. Foggy conditions were reported in southern Iowa early on Monday (31st) as overnight lows dropped into the upper 40s and low 50s. Rainfall reports from the previous 24 hours were generally light and located across Iowa's northwestern third; pockets approaching 0.50 inch were found along the Iowa-Nebraska border and in north-central Iowa with totals around or below 0.25 inch elsewhere. Daytimes highs on Memorial Day were near seasonal for some parts of Iowa, though southern Iowa observed low to mid 60s. Light showers formed in southeastern Iowa early on Tuesday (1st), along with a line of thundershowers later in the day in northern Iowa, which produced heavier totals in Chickasaw County. Under light southerly winds, temperatures reached into the upper 70s with partly cloudy skies. Overnight lows into Wednesday (2nd) remained in the mid 50s with light and variable winds. Conditions during much of the day were pleasant, with highs in the upper 70s and low 80s as a dry pattern set up across the state.

Dry, westerly winds and sunny skies helped push temperatures into the low 80s on Thursday (3rd) as high pressure built in over the region. Winds shifted to a southerly direction overnight into Friday (4th), with dew points rising in response to more atmospheric moisture streaming north. Under stable and warm conditions, temperatures reached into the mid 90s in northwestern Iowa while the upper 80s persisted in the east. Clear conditions continued into Saturday (5th) with morning lows in the mid to upper 60s, up to fourteen degrees above average. With a lack of overnight cooling, afternoon highs climbed into the 90s, producing the warmest day of the season thus far; the statewide average high was 91 degrees, 13 degrees warmer than normal. Starry skies and a light southerly wind continued into Sunday (6th) morning along with very warm temperatures. Decorah (Winneschiek County) observed a morning low of 70 degrees, 14 degrees above normal, while the statewide average low was eight degrees above normal at 65 degrees.

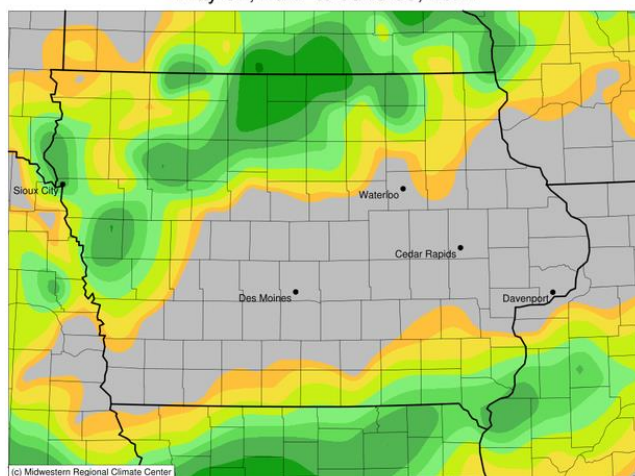
Weekly precipitation totals ranged from no accumulation at many Iowa stations to 0.53 inch near New Hampton (Chickasaw County). The statewide weekly average precipitation was 0.06 inch while the normal is 1.17 inches. Several western Iowa stations observed the week's high temperature of 97 degrees on the 4th and 5th, on average 18 degrees above normal. Chariton (Lucas County) reported the week's low temperature of 34 degrees on the 31st, 19 degrees below normal.

Average Temperature (°F): Departure from 1991-2020 Normals
May 31, 2021 to June 06, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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Accumulated Precipitation (in)
May 31, 2021 to June 06, 2021



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

Growing Degree Days can be found at <https://mrcc.illinois.edu/U2U/gdd/>