



A few days of light rainfall resulted in **4.8 days suitable for fieldwork** during the week ending June 5, 2022, according to the USDA, National Agricultural Statistics Service. Fieldwork activities included replanting wet fields, cutting hay, and chemical applications where winds allowed.

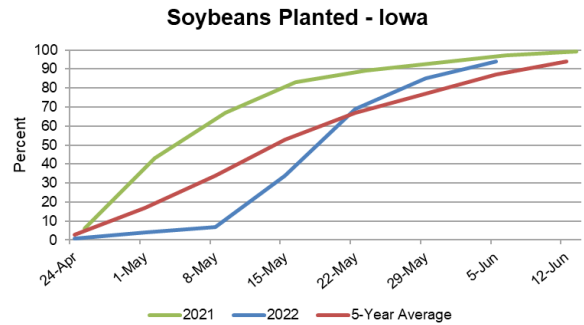
Topsoil moisture conditions rated 2 percent very short, 12 percent short, 78 percent adequate and 8 percent surplus. **Subsoil moisture** conditions rated 3 percent very short, 17 percent short, 74 percent adequate and 6 percent surplus.

Planting is almost complete, with 98 percent of Iowa’s **corn** crop planted, 11 days behind last year but 3 days ahead of the 5-year average. Eighty-seven percent of the corn crop has emerged, 6 days behind last year and 1 day behind average. Corn condition rated 86 percent good to excellent. Ninety-four percent of **soybeans** have been planted, 5 days behind last year but 6 days ahead of the 5-year average. Sixty-nine percent of soybeans have emerged, 1 week behind last year but 1 day ahead of average. Iowa’s first soybean condition rating of the crop year was 0 percent very poor, 2 percent poor, 16 percent fair, 67 percent good, and 15 percent excellent. Ninety-six percent of the **oat** crop has emerged, almost 2 weeks behind last year and 1 week behind the 5-year average. Twenty-two percent of the oat crop has headed, 5 days behind last year. Iowa’s oat condition rated 82 percent good to excellent.

Forty-two percent of the State’s first cutting of **alfalfa hay** has been completed. **All Hay condition** rated 73 percent good to excellent. **Pasture condition** rated 64 percent good to excellent. No livestock issues were reported.

Crop Condition as of June 5, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	0	1	13	68	18
Hay, all	0	2	25	58	15
Oats	0	1	17	68	14
Pasture and range ..	0	6	30	52	12
Soybeans	0	2	16	67	15



Crop Progress as of June 5, 2022

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year avg
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Corn planted	99	99	98	98	98	96	97	94	97	98	94	100	96
Corn emerged	94	96	81	86	83	93	77	67	94	87	73	95	88
Hay, alfalfa, 1st cutting	25	42	56	42	50	61	30	23	45	42	15	52	46
Oats emerged	98	98	95	94	98	97	92	91	97	96	90	100	98
Oats headed	28	27	23	26	27	17	22	10	21	22	10	35	23
Soybeans planted	98	99	94	94	91	99	90	77	97	94	85	97	87
Soybeans emerged	79	75	64	66	60	91	50	39	82	69	45	84	67

Days Suitable for Fieldwork and Soil Moisture Condition as of June 5, 2022

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	4.3	4.7	4.4	4.8	5.4	5.2	4.6	3.9	5.3	4.8	4.1	6.2
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	7	0	0	1	2	2	0	0	3	2	1	7
Short	20	6	4	16	7	18	4	10	17	12	10	32
Adequate	65	91	87	74	79	77	89	65	78	78	80	59
Surplus	8	3	9	9	12	3	7	25	2	8	9	2
Subsoil moisture												
Very short	4	1	0	7	6	2	0	1	4	3	2	12
Short	29	18	6	26	14	15	4	11	26	17	18	34
Adequate	62	80	86	62	71	80	92	73	65	74	74	53
Surplus	5	1	8	5	9	3	4	15	5	6	6	1

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 30, 2022, through 7:00 A.M. Central Time on June 5, 2022.

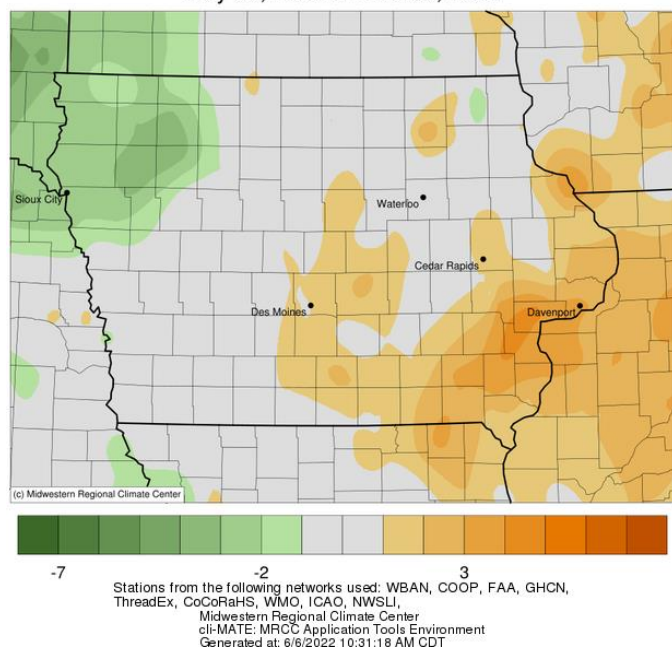
Several weather disturbances brought widespread rains to Iowa during the first week of June, the start of meteorological summer. While northwestern Iowa reported above-average totals, the remainder of the state was near to below average on moisture. Temperatures also fluctuated through the reporting period as various air masses filtered across Iowa. Most of the state observed seasonal conditions with warmer readings in eastern Iowa and below-average temperatures in the northwest; the statewide average temperature was 66.6 degrees, 0.9 degree above normal.

A line of showers and thunderstorms continued moving across eastern Iowa into the evening hours on Sunday (29th) as gusty southerly winds pushed daytime highs into the low to mid 80s. A strong low pressure center over northern Minnesota fired severe thunderstorms along a cold front just after midnight on Monday (30th) with several northwestern counties reporting severe straight-line winds and hail. There was a lull in thunderstorm activity for much of the morning and early afternoon until the line refired in western Iowa ahead of the dry line, a demarcation boundary for higher dewpoint temperatures. A second wave of strong thunderstorms fired along the cold front as it pushed into central Iowa with afternoon temperatures in the upper 80s and 90s fueling atmospheric instability. The line was narrow and fast-moving with locally heavy downpours and additional hail and high wind reports. Overnight lows hung in the upper 50s and 60s under cloud cover and southerly winds. Event rain totals at 7:00 am on Tuesday (31st) were highest in northwestern Iowa with over 20 stations reporting at least an inch; Lake Park (Dickinson County) observed 2.07 inches while Spencer (Clay County) measured 2.27 inches. Stations in southern Iowa saw totals between 0.30-0.50 inch with lesser amounts farther east. The system finally moved out of southeastern Iowa in the early afternoon hours, where rain totals were at or under a few tenths of an inch, though Keokuk Lock and Dam (Lee Country) reported 1.31 inches. High pressure took hold of the Midwest into Wednesday (1st) with clearing skies and light, northerly winds. Daytime temperatures remained in the upper 60s and low 70s as an isolated disturbance brought light rain to portions of southern Iowa.

The pattern cleared into Thursday (2nd) morning with chillier lows observed in western Iowa under starry skies and light winds. Temperatures stayed in the 40s with a statewide average low of 47 degrees, eight degrees below normal. Afternoon highs reached into the mid to upper 70s under northwesterly flow, low relative humidity and mostly sunny skies. Friday (3rd) was slightly cooler as a disturbance approached from the northwest, bringing in light to moderate rain over northern Iowa through the evening and overnight hours. Rain totals measured on Saturday (4th) morning were under Sibley's (Osceola County) 0.50 inch and generally in the 0.10 - 0.20-inch range at stations reporting rainfall over much of Iowa's northern two-thirds. Spotty showers persisted through the day, especially in eastern Iowa where highs remained in the low to mid 60s, while mid to upper 70s were experienced in the southwest. Overnight lows into Sunday (5th) held in the 50s as clouds cleared and isolated pockets of fog formed in the absence of wind at multiple stations in central and western Iowa.

Weekly precipitation totals ranged from 0.05 inch in Sac City (Sac County) to 3.19 inches at Spencer Municipal Airport (Clay County). The statewide weekly average precipitation was 0.64 inch while the normal is 1.17 inches. Oelwein (Fayette County) reported the week's high temperature of 92 degrees on the 30th, 15 degrees above normal. Cherokee (Cherokee County) and Sioux Rapids (Buena Vista County) reported the week's low temperature of 40 degrees on the 2nd, on average 15 degrees below normal.

Average Temperature (°F): Departure from 1991-2020 Normals
 May 30, 2022 to June 05, 2022



Accumulated Precipitation (in)
 May 30, 2022 to June 05, 2022

