



Scattered rainfall and some hail combined with mild temperatures resulted in **3.9 days suitable for fieldwork** during the week ending June 12, 2022, according to the USDA, National Agricultural Statistics Service. Fieldwork activities included cutting hay and grass, and less wind allowed more chemical applications.

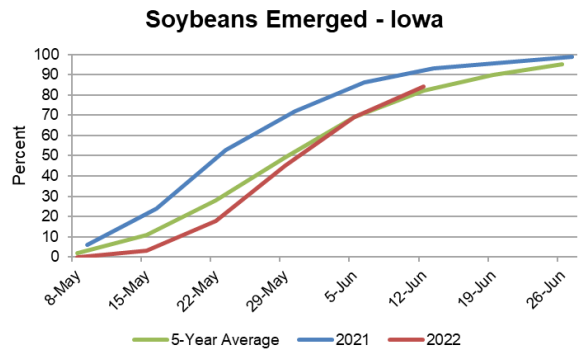
Topsoil moisture conditions rated 2 percent very short, 9 percent short, 79 percent adequate and 10 percent surplus. **Subsoil moisture** conditions rated 3 percent very short, 16 percent short, 75 percent adequate and 6 percent surplus.

Row crop planting was virtually complete. There were reports of recent weather issues making corn or soybean replant necessary for some producers. **Corn** emergence reached 95 percent, 1 week behind last year but 1 day ahead of the 5-year average. Corn condition rating remained 86 percent good to excellent. Ninety-seven percent of **soybeans** have been planted, 8 days behind last year but 4 days ahead of the 5-year average. Eighty-four percent of soybeans have emerged, 1 week behind last year but 2 days ahead of average. Iowa's soybean condition rated 82 percent good to excellent. Thirty-eight percent of the **oat** crop has headed, 5 days behind last year. Iowa's oat condition rated 82 percent good to excellent.

Fifty-nine percent of the State's first cutting of **alfalfa hay** has been completed, 6 days behind last year. **All Hay condition** rated 71 percent good to excellent. **Pasture condition** rated 65 percent good to excellent. There was a report of an increase in the fly population affecting livestock.

Crop Condition as of June 12, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	0	1	13	68	18
Hay, all	0	3	26	54	17
Oats	0	1	17	66	16
Pasture and range ..	0	5	30	51	14
Soybeans	0	3	15	66	16



Crop Progress as of June 12, 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 emerged	98	97	92	96	95	95	91	87	96	95	87	99	94
Hay, alfalfa, 1st cutting	58	61	62	64	73	80	44	44	59	59	42	83	74
Oats headed	62	46	30	34	35	43	41	25	41	38	22	53	42
Soybeans planted	99	99	98	97	96	99	94	89	98	97	94	99	94
Soybeans emerged	93	89	80	83	79	97	69	61	92	84	69	92	82

Days Suitable for Fieldwork and Soil Moisture Condition as of June 12, 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	4.5	4.1	3.9	3.8	4.4	4.1	3.4	2.3	3.7	3.9	4.8	6.6
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	6	1	0	3	2	0	0	0	3	2	2	24
Short	23	6	3	17	3	7	6	7	7	9	12	46
Adequate	65	88	94	70	81	82	86	65	79	79	78	30
Surplus	6	5	3	10	14	11	8	28	11	10	8	0
Subsoil moisture												
Very short	4	2	0	7	3	1	0	0	4	3	3	21
Short	30	9	6	32	7	19	6	7	13	16	17	50
Adequate	63	86	92	55	79	76	89	70	79	75	74	29
Surplus	3	3	2	6	11	4	5	23	4	6	6	0

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 June 6, 2022, through 7:00 A.M. Central Time on June 12, 2022.

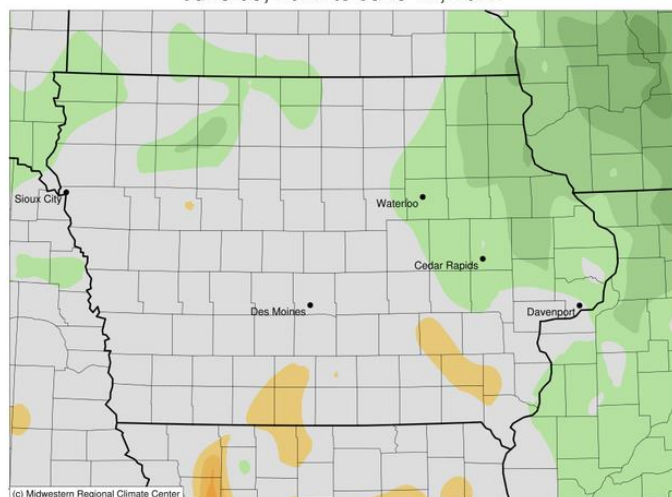
An active storm track brought several waves of showers and thunderstorms across Iowa through the reporting period. Many stations in Iowa’s southern three-quarters observed above-normal rainfall totals with pockets of up to five inches of above-average departures in west-central Iowa. Temperatures were also near normal over much of the state with cooler conditions reported in eastern Iowa. The statewide average temperature was 68.5 degrees, 0.50 degree below normal.

Showers continued to skirt northern Iowa through Sunday (5th) afternoon with additional thunderstorms firing across west-central Iowa into the evening hours. Clouds over the state’s northern one-third held daytime highs in the upper 60s and low 70s while low 80s were observed through the rest of Iowa. A few of the thunderstorms were severe-warned in central Iowa due to scattered reports of one-inch hail in Clive (Polk County) and gusty straight-line winds; sluggish storms training over Dallas, Guthrie and Boone counties produced a flood warning as well as totals over four inches at several stations; two stations near Madrid (Boone County) measured 4.21 and 4.65 inches, respectively. The area of rain expanded across eastern Iowa with scattered showers behind the initial disturbance into Monday (6th) morning. Only a handful of locations in southeastern Iowa received no rain while many stations across a central west-to-east swath of Iowa reported at least 0.75 inch with a statewide average rainfall at 0.68 inch. Another concentrated line of thunderstorms formed ahead of a cold front later in the morning and dove southeast through central Iowa. Heavy downpours were associated with the line through the afternoon with a gauge in Prole (Warren County) collecting 1.65 inches. Winds shifted to a northerly direction with temperatures ranging from the upper 60s northwest to low 80s southeast. Overnight lows into Tuesday (7th) did not drop appreciably and hovered in the upper 50s and low 60s. Sunny skies prevailed through the day, though clouds increased in western Iowa later in the evening as thunderstorms formed ahead of a strong low pressure center. One cell spawned a tornado near Orient (Adair County) known as a landspout, as it was short-lived and relatively weak. As the rain shield filled in, additional severe thunderstorms produced hail and straight-line wind reports in southwestern Iowa. Moderate rainfall was reported across portions of southern Iowa as the disturbance moved out of the state.

Rain totals reported on Wednesday (8th) were under 0.40 inch with a pocket of heavier totals near Clarinda (Page County) which measured 2.10 inches. Elma (Howard County) also observed 1.47 inches from a narrow line of thunderstorms that formed in northeastern Iowa just before sunrise. Northerly winds and mostly sunny skies led to pleasant temperatures in the low to mid 70s. Partly cloudy skies were reported in central Iowa overnight into Thursday (9th) as temperatures cooled into the upper 50s. Rain showers spread across Iowa through the day leaving measurable totals at most of Iowa’s stations; amounts were in the 0.25 – 0.50 inch range over much of western Iowa though Ringsted (Emmet County) observed 0.93 inch. Showers persisted in eastern Iowa through Friday (10th) afternoon with highs in the upper 70s west and upper 60s east under cloud cover. Another weather disturbance brought showers and thunderstorms into northwestern Iowa overnight and into Saturday (11th) morning. Stronger storms fired in the late afternoon hours in southwestern Iowa with some cells turning severe; three-inch hail was reported near Harcourt (Greene County). A stagnant line of storms also formed in eastern Iowa later in the night with thundershowers remaining in eastern Iowa after sunrise on Sunday (12th). Pockets of heavy rainfall from stronger cells were observed in west-central and eastern Iowa with Perry (Dallas County) measuring 1.40 inches and 1.71 inches reported at Anamosa (Jones County).

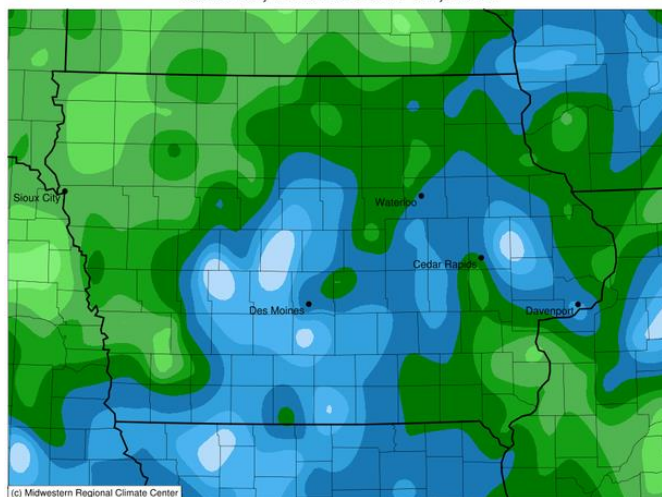
Weekly precipitation totals ranged from 0.26 inch at Storm Lake (Buena Vista County) to 4.45 inches at Perry. The statewide weekly average precipitation was 1.58 inches while the normal is 1.12 inches. Sioux City Airport (Woodbury County) reported the week’s high temperature of 92 degrees on the 11th, 11 degrees above normal. Emmetsburg (Palo Alto County) reported the week’s low temperature of 46 degrees on the 7th, 11 degrees below normal.

Average Temperature (°F): Departure from 1991-2020 Normals
 June 06, 2022 to June 12, 2022



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)
 June 06, 2022 to June 12, 2022



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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