United States Department of Agriculture
National Agricultural Statistics Service

Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

August 8, 2022 *Media Contact: Greg Thessen*

Precipitation early in the week for a few areas and late in the week for much of the State resulted in 6.1 **days suitable for fieldwork** during the week ending August 7, 2022, according to the USDA, National Agricultural Statistics Service. Persistent dry conditions and above-average temperatures are a concern for many. Fieldwork included cutting and baling hay and applying pesticides and fungicides.

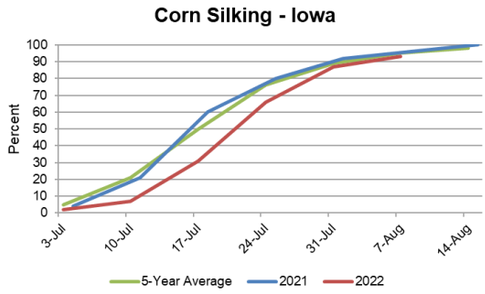
Topsoil moisture condition rated 20 percent very short, 30 percent short, 48 percent adequate and 2 percent surplus. **Subsoil moisture** condition rated 19 percent very short, 33 percent short, 47 percent adequate and 1 percent surplus.

Corn silking or beyond was 93 percent, 5 days behind last year and 3 days behind the 5-year average. Fifty-three percent of the corn crop has reached the dough stage or beyond, 2 days behind last year but 1 day ahead of the average. Five percent of Iowa's corn crop has reached the dent stage, 6 days behind last year and 1 day behind the 5-year average. Corn condition fell to 73 percent good to excellent. Eighty-nine percent of **soybeans** were blooming, 9 days behind last year and 3 days behind average. Sixty-nine percent of the soybean crop was setting pods, 1 week behind last year and 1 day behind the 5-year average. Iowa's soybean condition declined to 71 percent good to excellent. Ninety-six percent of **oats** were turning color or beyond, 9 days behind last year. Oats harvested for grain reached 82 percent, 1 day behind both last year and the average.

Ninety-five percent of the State's second cutting of **alfalfa hay** was complete, with the third cutting at 28 percent. **All hay condition** rated 54 percent good to excellent. **Pasture condition** rated 36 percent good to excellent. Lack of rain and high heat caused some pastures to go dormant and CRP was released for grazing and haying in areas.

Crop Condition as of August 7, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	5	21	57	16
Hay, all	4	14	28	42	12
Pasture and range	8	24	32	28	8
Soybeans	1	5	23	56	15



Crop Progress as of August 7, 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 silking	97	98	84	93	92	97	87	90	97	93	87	95	95
Corn dough	44	69	40	60	47	60	58	44	56	53	30	61	51
Corn dented	1	7	3	4	4	10	6	8	3	5	1	10	6
Hay, alfalfa, 2nd cutting	99	98	97	91	98	99	97	91	91	95	89	96	95
Hay, alfalfa, 3rd cutting	44	23	28	33	42	17	39	19	28	28	13	34	32
Oats coloring	97	99	90	95	95	99	99	98	100	96	91	100	99
Oats harvested for grain	90	92	70	74	68	89	78	95	88	82	64	84	85
Soybeans blooming	95	94	83	89	87	95	77	74	93	89	83	96	91
Soybeans setting pods	86	78	43	70	62	88	52	42	76	69	52	82	71

Days Suitable for Fieldwork and Soil Moisture Condition as of August 7, 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	6.1	6.1	5.1	6.3	6.5	5.6	6.7	6.4	6.5	6.1	6.3	5.7
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	31	5	2	24	16	0	27	51	46	20	17	18
Short	29	32	12	34	35	19	51	32	35	30	32	35
Adequate	38	60	83	41	46	79	22	16	19	48	50	46
Surplus	2	3	3	1	3	2	0	1	0	2	1	1
Subsoil moisture												
Very short	33	6	1	25	12	0	24	41	40	19	15	22
Short	35	38	15	34	35	20	48	36	39	33	31	42
Adequate	31	53	84	41	51	80	28	22	21	47	53	36
Surplus	1	3	0	0	2	0	0	1	0	1	1	0

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

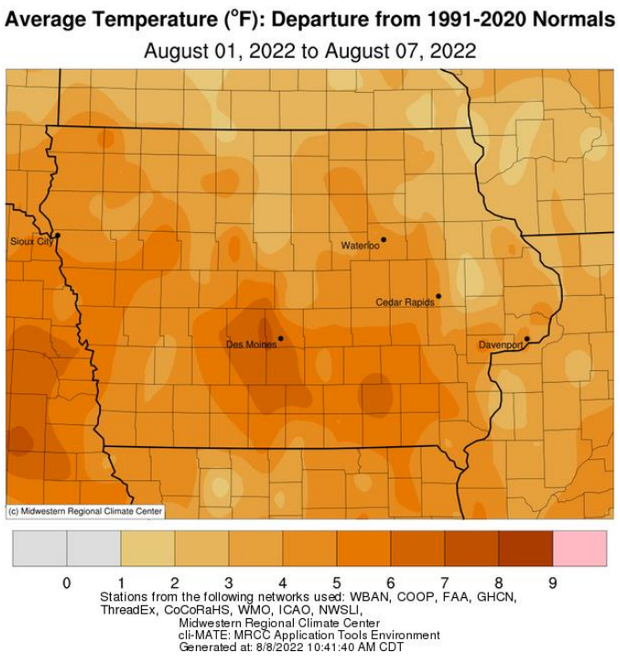
Reports from the Iowa Department of Agriculture and Land Stewardship and maps from the Midwestern Regional Climate Center reflect data collected from 7:00 A.M. Central Time on August 1, 2022, through 7:00 A.M. Central Time on August 7, 2022.

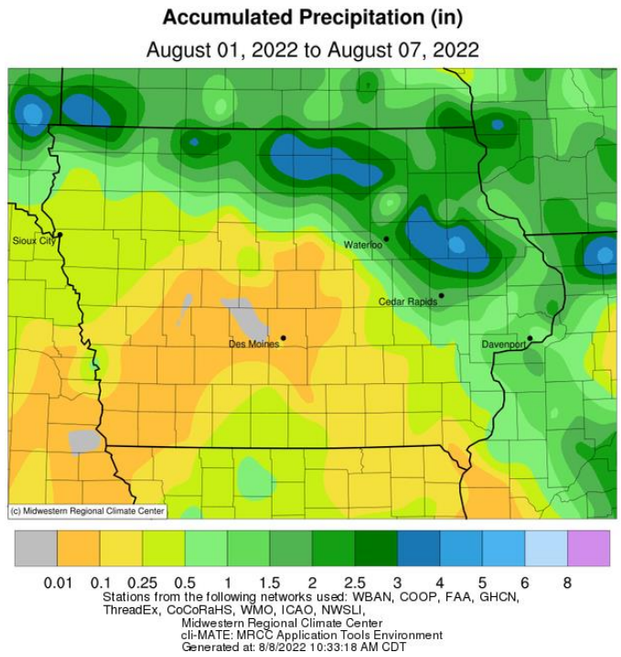
The final month of meteorological summer began warm and unseasonably dry. Temperatures over the reporting period were nearly six degrees above normal with heat index values at many stations in the triple digits over several days; the statewide average temperature was 77.2 degrees, 5.2 degrees above normal. Coupled with the unseasonably warm conditions, dryness persisted across the southwestern three-quarters of Iowa; rainfall deficits of over an inch were reported in central Iowa, while more than two inches of above-average rainfall was observed at multiple stations in northern Iowa.

Gusty southerly winds built in through Sunday (31st) afternoon with partly cloudy skies and high temperatures ranging from the upper 80s northwest to low 80s southeast. Isolated thundershowers popped up in northwestern Iowa earlier in the day and then again in the late evening hours over eastern Iowa. A few cells within the line were severe-warned after midnight and raced southeast through the early morning hours of Monday (1st). A handful of stations along the path reported heavier downpours with a gauge near Solon (Johnson County) measuring 1.78 inches; four other stations reported at least an inch. Daytime temperatures were near-seasonal across northern Iowa with isolated mid-90 degree readings in southwestern Iowa. Another isolated severe-warned thunderstorm fired in north-central Iowa, expanding into a smaller line and propagating into southeastern Iowa before sunrise on Tuesday (2nd). Higher rain totals fell along the narrow swath with Gilbert (Story County) observing 0.78 inch while West Liberty (Muscatine County) observed 0.89 inch. Southerly winds, sunny skies and dew point temperatures in the 70s produced sweltering conditions over the afternoon hours with highs in the mid to upper 90s statewide along with a few triple-digit readings; the statewide average high was 93 degrees, nine degrees above normal. Overnight lows remained unseasonably warm into Wednesday (3rd) with low 70s north to upper 70s south as a low pressure center approached western Iowa. Showers and thunderstorms formed along and ahead of the attendant cold front through the day with a few severe storms forming in eastern Iowa. Widespread rainfall was reported across much of eastern Iowa with totals generally between 0.20 to 0.40 inch. Manchester (Delaware County) measured 2.11 inches from stronger and slow-moving thunderstorms.

Cooler temperatures filtered in behind the cold front with morning lows on Thursday (4th) in the mid 50s north to mid 60s south. Variable winds and sunny skies lent to a pleasant afternoon with daytime highs in the 80s. Winds shifted to an easterly direction on Friday (5th) with hazy skies reported from high-level wildfire smoke. Temperatures warmed back up into the upper 80s and low 90s as winds shifted back to a southerly direction into Saturday (6th) morning. Another low pressure system initially brought showers and thunderstorms across Iowa's northern quarter before an additional wave brought widespread and heavy rainfall over Iowa's northern one-third. Southern Iowa, where sunny skies were present, experienced hot temperatures in the upper 90s while cloud cover held temperatures in the 80s north. Rain totals reported on Sunday (7th) morning were in north-central and northeast Iowa where strong to severe storms formed. Over forty stations measured at least an inch with 15 of those stations observing over three inches; Forest City (Winnebago County) dumped out 3.75 inches while Anamosa registered 4.50 inches.

Weekly precipitation totals ranged from no accumulation at several west-central stations to 4.86 inches at Manchester. The statewide weekly average precipitation was 0.88 inch while the normal is 0.91 inch. Sioux City Airport (Woodbury County) reported the week's high temperature of 102 degrees on the 2nd, 18 degrees above normal. Spencer Municipal Airport (Clay County) reported the week's low temperature of 52 degrees on the 4th, nine degrees below normal.





Growing Degree Days and Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at https:/mrcc.purdue.edu/CLIMATE/