



Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

September 19, 2022

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Widespread rainfall across the State resulted in **5.8 days suitable for fieldwork** during the week ending September 18, 2022, according to the USDA, National Agricultural Statistics Service. Row crop harvest has begun, and other fieldwork included chopping silage, cutting hay, and seeding cover crops. Producers were also preparing equipment and bins for harvest.

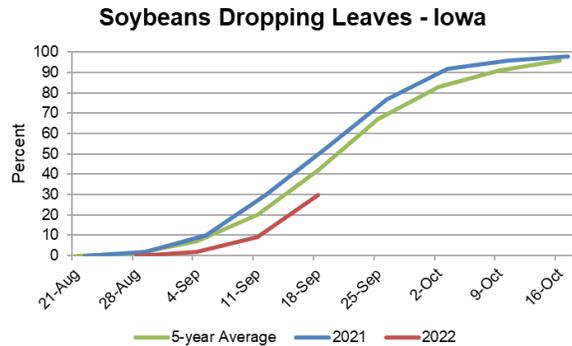
Topsoil moisture condition rated 14 percent very short, 28 percent short, 57 percent adequate and 1 percent surplus. **Subsoil moisture** condition rated 19 percent very short, 31 percent short, 49 percent adequate and 1 percent surplus.

Corn in the dent stage or beyond was 93 percent, 5 days ahead of the 5-year average. Forty-two percent of Iowa’s corn crop was mature, 2 days behind last year but equal to the average. Harvest of the State’s corn crop began with 2 percent complete. Corn condition was 64 percent good to excellent. Seventy-five percent of **soybeans** were coloring or beyond, 3 days behind last year. Soybeans dropping leaves were at 30 percent, almost 1 week behind last year and 3 days behind the 5-year average. Soybean condition remained 63 percent good to excellent.

Ninety-four percent of the State’s third cutting of **alfalfa hay** was complete. **Pasture condition** rose slightly to 34 percent good to excellent. Some producers have livestock on dry lots due to lack of water in pastures.

Crop Condition as of September 18, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	2	7	27	52	12
Pasture and range ..	16	22	28	28	6
Soybeans	2	7	28	52	11



Crop Progress as of September 18, 2022

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year avg
	(percent)												
Corn dented	94	92	85	95	94	94	94	93	95	93	84	92	89
Corn mature	47	23	21	46	49	58	58	36	50	42	23	47	42
Hay, alfalfa, 3rd cutting	99	97	95	97	98	99	92	90	90	94	87	96	94
Soybeans coloring	85	88	59	77	80	75	79	49	57	75	48	83	77
Soybeans dropping leaves ...	42	22	22	39	36	29	32	13	16	30	9	50	42

Days Suitable for Fieldwork and Soil Moisture Condition as of September 18, 2022

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)											
Days suitable	6.4	5.9	5.8	5.6	5.7	5.9	5.5	6.1	5.3	5.8	6.0	6.1
	(percent)											
Topsoil moisture												
Very short	18	1	3	27	12	0	7	40	28	14	16	10
Short	46	17	14	30	38	16	38	15	33	28	29	30
Adequate	34	82	82	42	47	84	55	43	34	57	54	59
Surplus	2	0	1	1	3	0	0	2	5	1	1	1
Subsoil moisture												
Very short	26	3	2	35	22	2	13	42	36	19	19	15
Short	42	30	16	33	40	18	35	20	44	31	32	37
Adequate	29	67	81	31	35	79	52	38	20	49	48	48
Surplus	3	0	1	1	3	1	0	0	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 September 12, 2022, through 7:00 A.M. Central Time on September 18, 2022.

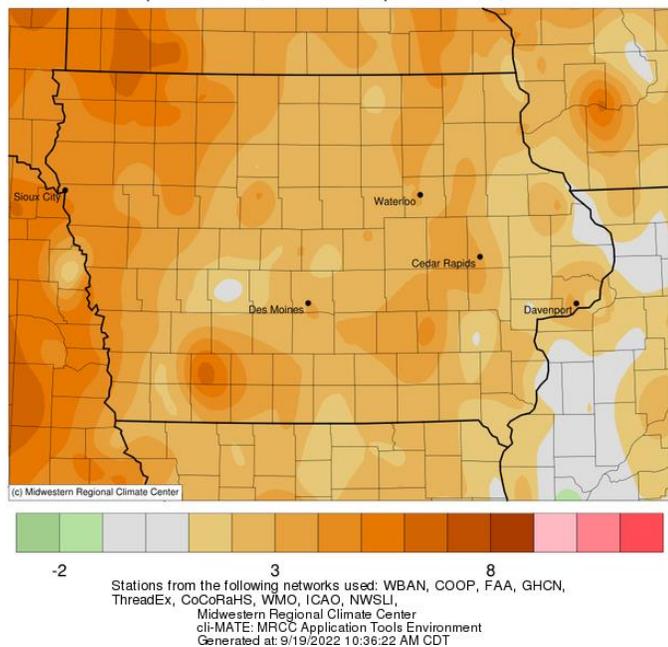
Unseasonably warm temperatures held on through the last full week of summer with positive departures approaching six degrees in northwestern Iowa; the statewide average temperature was 67.6 degrees, 4.2 degrees above normal. Widespread and beneficial rains fell over southern Iowa with some severe thunderstorms producing pockets of large hail and high winds.

Northerly winds gradually weakened into Sunday (11th) evening with daytime temperatures holding in the low to mid 70s as puffy, fair-weather cumulus dotted the sky. Overnight lows were chilly across northwestern Iowa where the upper 30s were reported before the sun rose on Monday (12th) morning; low 50s were recorded in eastern Iowa where cloud cover remained. Sunny conditions persisted across Iowa's western three-quarters as afternoon temperatures pushed into the mid to upper 70s. Light showers spun into eastern Iowa on the backside of a low pressure system leaving behind meager totals. Variable winds developed after midnight as temperatures ranged from the low 40s northwest to low 50s southeast through the morning hours. Skies remained generally cloudless on Tuesday (13th) with temperatures reaching into the mid-80s west to mid-70s east. Patchy fog formed in the early hours of Wednesday (14th) in eastern Iowa where windless conditions were found. Morning conditions were mostly clear with temperatures in the 50s. Stronger southerly winds helped boost daytime highs into the upper 80s and low 90s over western and southern Iowa; the statewide average high was 85 degrees, eight degrees above normal.

Temperatures on Thursday (15th) were cooler than the previous day, hovering in the upper 70s and low 80s, as southerly winds became gusty. Clouds pushed into western Iowa late in the evening and through much of Friday (16th) as a low pressure center approached the state. Showers and thunderstorms formed ahead of a cold front, leaving measurable rain totals across the western half of Iowa; amounts were generally under 0.20 inch, though Rock Rapids (Lyon County) measured 0.60 inch while Little Sioux (Harrison County) reported 0.83 inch. Thunderstorms formed overnight in western Iowa and pushed through southern Iowa for most of Saturday (17th). Afternoon temperatures stayed in the upper 60s and low 70s in southern Iowa where clouds and rain were present. Severe storms re-fired later in the evening, producing several reports of straight-line winds and large hail; a 3.5-inch diameter hailstone was observed in Carson (Pottawattamie County), producing structural damage. Heavy downpours were observed in stronger storms as almost 30 stations measured at least an inch of rain with 10 stations reporting more than two inches; a rain gauge in Chariton (Lucas County) dumped out 4.00 inches. Most of southern Iowa received at least 0.50 inch. Thunderstorms dissipated by 7:00 am on Sunday (18th) as dense fog formed with morning lows generally in the low 60s.

Weekly precipitation totals ranged from no accumulation at several northeastern stations to 4.20 inches at Pella (Marion County). The statewide weekly average rainfall was 0.63 inch while the normal is 0.77 inch. Little Sioux (Harrison County) reported the week's high temperature of 92 degrees on the 14th, 15 degrees above normal. Several northwestern stations reported the week's low temperature of 39 degrees on the 12th, on average 13 degrees below normal.

Average Temperature (°F): Departure from 1991-2020 Normals
 September 12, 2022 to September 18, 2022



Accumulated Precipitation (in)
 September 12, 2022 to September 18, 2022

