



Continuing mostly dry conditions across most of the State resulted in **6.1 days suitable for fieldwork** during the week ending September 4, 2022, according to the USDA, National Agricultural Statistics Service. Fieldwork included harvesting corn for silage, cutting hay, seeding cover crops, and preparing equipment for harvest.

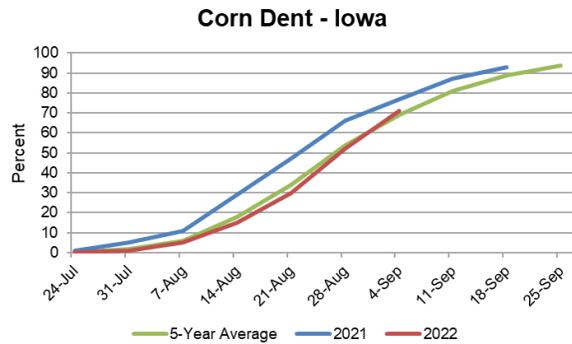
Topsoil moisture condition rated 16 percent very short, 30 percent short, 53 percent adequate and 1 percent surplus. **Subsoil moisture** condition rated 19 percent very short, 31 percent short, 49 percent adequate and 1 percent surplus. Moisture levels in the Northwest, West Central, Southwest, South Central and Southeast Districts of Iowa continued to be a concern with over 50 percent of both topsoil and subsoil considered short to very short.

Corn in or beyond dough stage was 96 percent. Seventy-one percent of Iowa’s corn crop reached the dent stage or beyond, 3 days behind last year but 1 day ahead of average. Ten percent of the State’s corn crop was mature, 2 days behind both last year and the 5-year average. Corn condition remained 66 percent good to excellent. Ninety-seven percent of **soybeans** were setting pods. Soybeans coloring or beyond reached 20 percent, 5 days behind last year and 4 days behind the 5-year average. Soybeans began dropping leaves at 2 percent, 1 week behind last year and almost a week behind the average. Soybean condition rated 66 percent good to excellent. **Oats** harvested for grain neared completion at 96 percent.

Seventy-six percent of the State’s third cutting of **alfalfa hay** was complete, 5 days behind average. **Pasture condition** rated 32 percent good to excellent. Producers were supplementing short pastures with hay and grain.

Crop Condition as of September 4, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	2	7	25	52	14
Pasture and range .	13	25	30	26	6
Soybeans	1	7	26	53	13



Crop Progress as of September 4, 2022

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year avg
	(percent)												
Corn dough	96	99	92	95	91	98	99	98	98	96	92	97	94
Corn dented	73	67	51	81	60	80	79	69	85	71	52	75	69
Corn mature	9	3	7	13	9	18	18	12	12	10	3	13	12
Hay, alfalfa, 3rd cutting	97	84	80	86	83	89	67	62	68	76	65	87	84
Oats harvested for grain	98	99	90	97	95	100	99	100	100	96	93	100	100
Soybeans setting pods	98	96	95	97	99	99	97	97	98	97	95	99	97
Soybeans coloring	25	13	13	19	25	18	33	10	12	20	7	37	31

Days Suitable for Fieldwork and Soil Moisture Condition as of September 4, 2022

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)											
Days suitable	6.4	6.1	5.9	6.0	6.0	6.3	5.9	5.9	6.7	6.1	5.5	4.3
	(percent)											
Topsoil moisture												
Very short	18	3	1	27	9	1	19	36	54	16	16	8
Short	51	17	10	28	37	22	42	26	33	30	29	26
Adequate	29	80	86	45	52	77	39	36	13	53	53	63
Surplus	2	0	3	0	2	0	0	2	0	1	2	3
Subsoil moisture												
Very short	30	4	1	30	13	2	32	33	42	19	20	16
Short	40	30	12	33	36	18	36	35	40	31	33	37
Adequate	28	66	85	37	49	80	32	32	18	49	45	46
Surplus	2	0	2	0	2	0	0	0	0	1	2	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 August 29, 2022, through 7:00 A.M. Central Time on September 4, 2022.

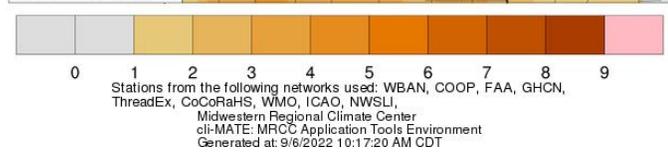
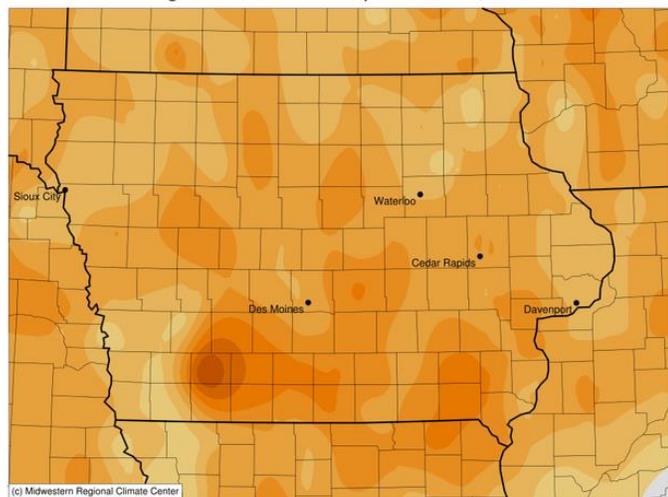
The day count for meteorological summer ran out over the reporting period as cooler temperatures filtered into the state towards the weekend. Weekly temperatures were still unseasonably warm with positive departures of up to four degrees; the statewide average temperature was 71.4 degrees, 1.4 degrees above normal. Rainfall was also below average statewide with departures approaching 0.80 inch. Only a handful of stations in eastern Iowa measured above-average totals.

Showers and thunderstorms continued to push out of eastern Iowa through Sunday (28th) afternoon as clouds cleared across western Iowa. Lower 80s were reported in eastern Iowa, where the sun was shielded behind cumulus clouds, while upper 80s were found farther west. A secondary cold front moved through Iowa overnight, producing spotty thunderstorms in western and central Iowa just before sunrise. Rain totals reported at 7:00 am on Monday (29th) were highest in northeastern and east-central Iowa, with more than 0.50 inch measured at 20 stations; Calamus (Clinton County) reported 1.13 inches while Cresco (Winnebago County) observed 1.40 inches. A narrow line of severe-warned thunderstorms continued through central and southern Iowa through the late morning hours before crossing the Iowa-Illinois border before noon. Accumulating rains were isolated to Iowa's southeastern one-quarter with Chariton (Lucas County) picking up 0.22 inch and a 0.64 inch-total found in Muscatine (Muscatine County). Winds shifted to the northwest behind the front with seasonal high temperatures in the low 80s under clear skies. Starry skies persisted into Tuesday (30th) morning as calm conditions allowed temperatures to drop in the upper 40s and low 50s in western Iowa; upper 50s and low 60s blanketed eastern Iowa as the sun rose. Daytime highs were very pleasant, reaching into the mid 70s east to low 80s west under a nice northerly breeze and cloudless skies. Winds shifted to an easterly direction as darkness overtook Iowa into Wednesday (31st) with morning lows in the 50s statewide. Afternoon temperatures were warmer than the previous days as southerly winds help boost readings into the upper 80s and low 90s south and west with mid to upper 80s northeast. A few spotty thundershowers held together over the South Dakota border into the evening hours before dissipating.

Partly cloudy skies developed into early Thursday (1st) as a disturbance approached western Iowa. Afternoon conditions varied from upper 80s and low 90s northwest to upper 70s to mid 80s south where clouds tamped down on daytime heating as showers developed. This cluster of rainfall expanded into central Iowa through the evening hours as a few thundershowers also fired. Rainfall dissipated in northeast Iowa through the later morning hours on Friday (2nd) as clearing skies greeted most of Iowa's reporting stations. Morning lows remained in the 60s with generally light rainfall totals observed along a narrow swath; a handful of stations reported over 0.30 inch with Garwin (Tama County) registering 0.33 inch and Norwalk (Warren County) dumping out 1.02 inches. Southerly winds built back in through the day as a cold front dropped southeast, pushing temperatures in the low 90s over much of Iowa. Temperatures behind the front remained in the lower 80s. A few isolated, near-stationary thunderstorms popped in southern Iowa through the evening hours along with more scattered cells along the frontal boundary into nighttime. Cooler air flowed in behind the cold front as winds shifted to the north; 50s were observed in western Iowa with mid 60s still hanging on in the east. Saturday (3rd) was a seasonal day in Iowa with daytime temperatures in the upper 70s and low 80s under brilliant sunshine. Chilly overnight lows greeted sunrise on Sunday (4th) with upper 40s and low 50s statewide.

Weekly precipitation totals ranged from no accumulation at several northwestern Iowa stations to 1.80 inches at the National Weather Service office in Davenport (Scott County). The statewide weekly average precipitation was 0.25 inch while the normal is 0.90 inch. Donnellson (Lee County) and Osceola (Clarke County) reported the week's high temperature of 95 degrees on the 29th and 2nd, respectively, on average 12 degrees above normal. Airports in Spencer (Clay County) and Sioux City (Woodbury County) reported the week's low temperature of 47 degrees on the 4th, on average eight degrees below normal.

Average Temperature (°F): Departure from 1991-2020 Normals
 August 29, 2022 to September 04, 2022



Accumulated Precipitation (in)
 August 29, 2022 to September 04, 2022

