



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending September 23, 2018
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Another week of storms bringing heavy rainfall to much of the state left Iowa farmers just **3.0 days suitable for fieldwork** during the week ending September 23, 2018, according to the USDA, National Agricultural Statistics Service. Activities for the week included seeding cover crops and harvesting corn, soybeans and hay.

Topsoil moisture levels rated 1 percent very short, 3 percent short, 71 percent adequate and 25 percent surplus. **Subsoil moisture** levels rated 3 percent very short, 5 percent short, 66 percent adequate and 26 percent surplus. While topsoil moisture supplies have improved in south central Iowa, subsoil moisture levels still rated 62 percent short to very short.

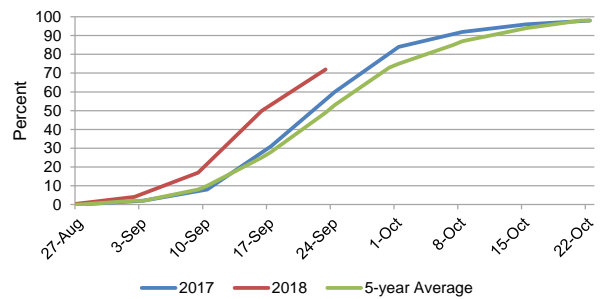
Nearly all of the **corn** crop has reached the dent stage or beyond with 74 percent of the crop mature, just over a week ahead of average. Five percent of the State's corn for grain crop has been harvested, 5 days ahead of both last year and average. Farmers in southeast Iowa lead the way with almost one-fifth of their corn for grain harvested. Moisture content of field corn being harvested was at 22 percent. Corn condition rated 73 percent good to excellent. Ninety-three percent of the **soybean** crop was coloring with 72 percent dropping leaves, 1 week ahead of average. Eight percent of the soybean crop has been harvested, 5 days ahead of average. Soybean condition rated 72 percent good to excellent.

The third cutting of **alfalfa hay** was nearly complete at 97 percent. **Pasture conditions** improved slightly to 52 percent good to excellent. Rain and cooler temperatures have been beneficial for pasture regrowth. Feedlots will need some time to dry.

Crop Condition as of September 23, 2018

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	3	6	18	51	22
Soybeans	2	5	21	51	21
Pasture and range.....	5	11	32	44	8

Percent of Soybeans Dropping Leaves - Iowa
For the Fourth Week of September



Field Work and Crop Progress as of September 23, 2018

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Corn dented	96	97	98	95	99	99	98	99	97	97	94	93	94
Corn mature	62	60	64	71	88	95	71	95	83	74	53	49	51
Corn harvested for grain.....	2	1	3	4	5	11	6	10	19	5	2	3	3
Hay, alfalfa, third cutting	95	96	95	97	99	98	96	96	99	97	94	98	93
Soybeans coloring.....	95	93	91	90	99	99	86	92	90	93	83	89	84
Soybeans dropping leaves	72	67	68	65	90	89	58	59	70	72	50	56	49
Soybeans harvested.....	5	3	5	8	12	15	5	2	12	8	2	4	3

Days Suitable for Fieldwork and Soil Moisture Supplies as of September 23, 2018

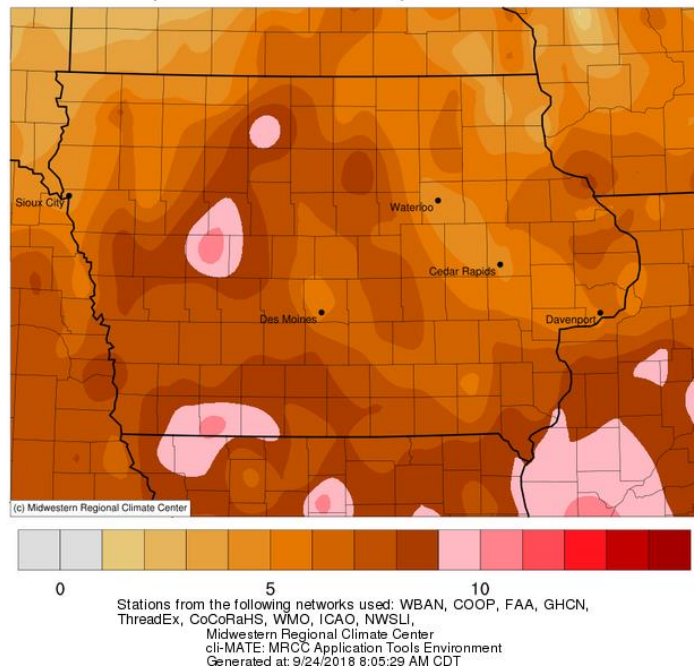
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	1.7	1.5	2.0	2.9	3.1	3.5	4.9	5.1	5.2	3.0	6.0	5.8
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	0	0	0	0	0	0	11	4	1	1	22
Short	0	0	0	1	1	2	3	21	12	3	5	27
Adequate	53	69	62	87	63	76	84	67	81	71	84	50
Surplus	47	31	38	12	36	22	13	1	3	25	10	1
Subsoil moisture												
Very short	0	0	0	0	0	0	0	34	13	3	3	21
Short	0	0	1	2	2	1	8	28	26	5	7	33
Adequate	52	67	69	80	67	68	81	37	59	66	77	46
Surplus	48	33	30	18	31	31	11	1	2	26	13	0

IOWA PRELIMINARY WEATHER SUMMARY

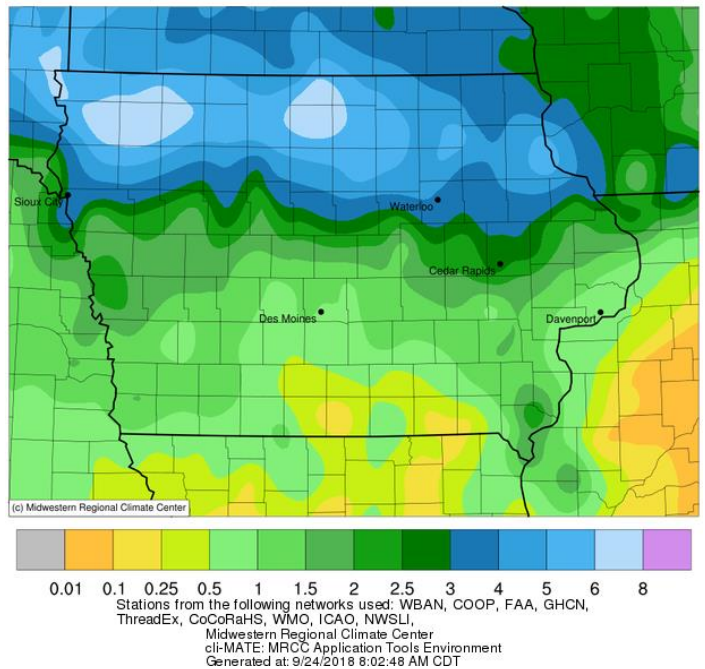
Provided by Justin Glisan, Ph.D., State Climatologist
Iowa Department of Agriculture and Land Stewardship

After an extremely dry week, an active weather pattern returned, bringing above-average rainfall to most of Iowa. Average temperatures were also up to 10 degrees above normal. Monday (17th) was generally quiet and warm until thunderstorms raced across northern Iowa during the late afternoon. Some storms turned severe; large hail and high winds were reported in Hancock County. Sioux City (Woodbury County) recorded 2.29 inches of rain. On Tuesday (18th) thunderstorms were widespread with heavy rain over northern Iowa. Spencer (Clay County) reported 3.04 inches, 2.92 inches above normal. Nearly 15 stations recorded rainfall above 2.00 inches. Severe weather was reported in six counties. Tree damage from straight-line winds and one-inch diameter hail was reported in Jasper County. Thunderstorms with heavy rain continued across Iowa's northern third Wednesday (19th) into Thursday (20th), leading to widespread flood warnings. Two-day rain totals were 2.00 to 5.19 inches above average for over 30 stations; Everly (Clay County) reported 5.51 inches. Temperatures over this period were hot, with many locations 10-15 degrees above average; high temperatures ranged from the mid-80s into the mid-90s with the exception of northern Iowa where rain and cloud cover kept temperatures cooler. A cold front with severe thunderstorms crossed the state Thursday evening. Twelve western counties reported severe winds with 75 mph gusts in Emmet County. The cold front exited Iowa Friday (21st) bringing dry conditions and pleasant temperatures through the weekend. Average highs on Saturday (22nd) and Sunday (23rd) were in the upper 60s to low 70s. Overnight lows dipped into the 40s, with Cresco (Howard County) and Waukon (Allamakee county) recording the week's low temperature of 36 degrees, seven degrees below normal. Williamsburg (Iowa County) observed the week's high temperature of 96 degrees on Tuesday, 21 degrees above average.

Average Temperature (°F): Departure from 1981-2010 Normals
September 17, 2018 to September 23, 2018



Accumulated Precipitation (in)
September 17, 2018 to September 23, 2018



Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>