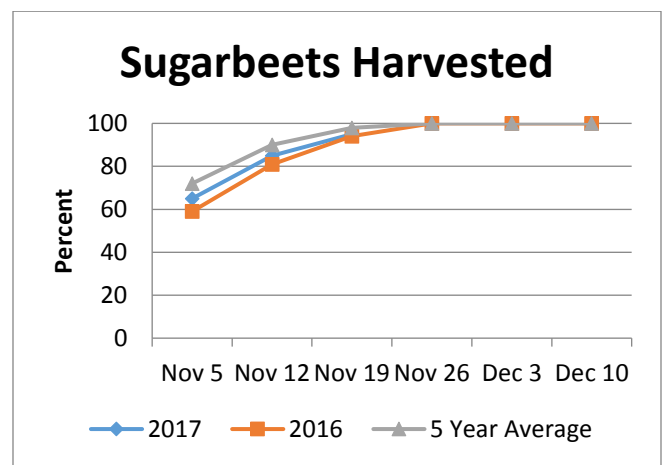
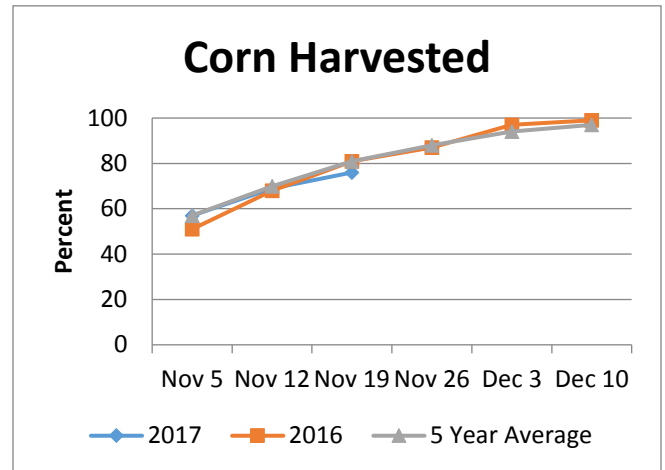
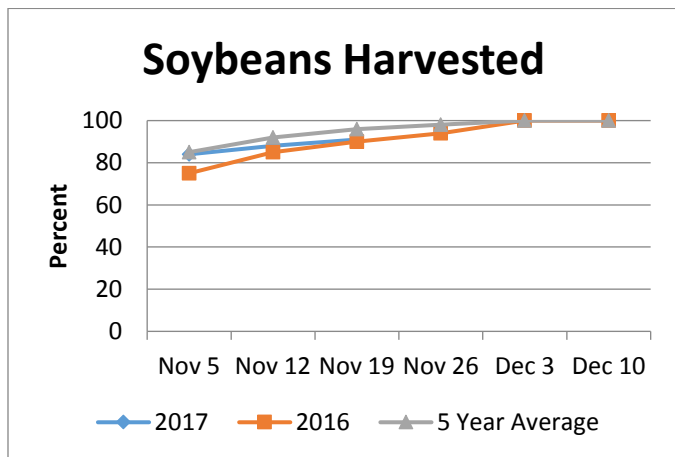




Michigan Crop Weather

Field Crops

There were 2.7 days suitable for fieldwork in Michigan during the week ending November 19, 2017 according to Marlo Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. Rain and snowfall saturated fields again this week which limited fieldwork in many areas. Heavy rains brought the **corn** for grain and **soybean** harvest to a halt during the week. The remaining **sugarbeet** harvest was also hampered by wet fields. Many producers were waiting for the ground to dry out or freeze to resume harvest activities. **Winter wheat** growth was slowed by cold, cloudy conditions this past week. Surplus soil moisture was detrimental to **winter wheat** crop conditions in some areas. Some fieldwork activities took place before the rain and snow stopped progress. Those activities included repairing equipment, preparations for winter, and some fall tillage operations.



Crop Condition: Week Ending 11/19/17

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Winter Wheat	3	6	19	61	11

Crop Progress: Week Ending 11/19/17

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	2.7	3.8	-	-
Corn Harvested for Grain	76	69	81	81
Soybeans Harvested	91	88	90	96
Winter Wheat Emerged	95	93	89	93
Alfalfa Hay 3rd Cutting	94	93	100	NA
Alfalfa Hay 4th Cutting	70	68	76	NA
Other Hay 3rd Cutting	87	86	91	NA
Other Hay 4th Cutting	41	39	50	NA
Sugarbeets Harvested	95	85	94	98

Soil Moisture: Week Ending 11/19/17

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	0	1	44	55
Subsoil moisture.....	1	3	65	31

Special Note:
NASS will be conducting our End-of-Season surveys on crops and hogs during the first two weeks in December. As farmers wrap up the 2017 growing season, NASS will conduct a series of surveys to determine final State and county acreage, yield, and production for crops, as well as grain storage capacity and grain stocks on hand. We are also asking pork producers about this year's farrowings, pig crop and current inventory. County level acreage, yield and production estimates are used by the Risk Management Agency to administer its crop insurance programs. All participating farmers should respond. Your information is important and helps ensure accurate results.

Weather Summary For Michigan [Great Lakes Region NASS]

Based on RCC data

For the Period: November 13, 2017
 To: November 19, 2017

LAST WEEK WEATHER SUMMARY DATA | April 1, 2017 - November 19, 2017

STATION	TEMPERATURE			PRECIPITATION		PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DYS	TOTAL	DFN
10 Western UP											
CLARKSBURG	37	18	28	-1	0.92	3	30.14	+5.75	122	1352	-6
HANCOCK HOUGHTO	39	21	30	-2	1.22	2	28.48	+8.81	110	1567	+29
IRONWOOD	37	14	29	-1	0.63	3	32.34	+5.61	111	1560	-157
MARQUETTE	41	23	34	-1	0.92	3	30.15	+9.09	118	1688	-147
MENOMINEE	45	24	36	+0	0.67	3	21.79	+11.41	82	2119	+21
NORWAY	41	26	33	+2	0.20	3	19.72	-0.71	83	2017	+399
PAULDING	38	24	32	+0	0.33	3	16.56	+5.07	105	1785	+34
STAMBAUGH 2 SSE	38	24	30	+1	0.39	4	33.04	+8.91	117	1415	+8
10 Eastern UP											
CHATHAM EXP FAR	40	21	32	-1	1.36	5	38.35	+12.07	129	1691	+28
GARDEN	45	27	37	+1	0.92	3	25.32	+2.99	102	1770	+89
MANISTIQUE WWTP	45	24	35	+0	1.03	4	25.97	+2.69	101	1598	+86
MORAN	43	20	33	-1	1.52	4	29.31	+6.15	106	1709	+158
NEWBERRY CITY	42	21	32	-3	0.63	3	23.59	+2.59	109	1593	-82
RUDYARD	41	17	33	-1	1.12	4	23.17	-2.54	34	1718	+84
SAULT STE MARIE	42	21	33	-1	2.61	6	30.85	+7.39	107	1987	+323
20 Northwest LP											
ANTRIM	46	26	36	-2	NA	NA	NA	NA	NA	NA	NA
BEULAH 7 SSW	48	27	36	-2	1.29	5	31.07	+4.76	105	2438	+216
CADILLAC WEXFOR	44	24	34	-1	0.88	3	32.28	+6.51	105	2282	+336
EAST JORDAN	45	26	36	-2	NA	NA	NA	NA	NA	NA	NA
KALKASKA	43	23	33	-2	1.25	3	33.59	+8.65	105	2058	+231
LAKE CITY EXP F	45	22	33	-2	0.94	3	28.78	+4.04	109	2097	+206
NW MICHIGAN RSC	46	28	37	-2	0.77	2	24.26	+1.02	96	2487	+162
PELLSTON RGNL A	42	23	34	-1	1.66	6	27.50	+5.26	94	1971	+307
TRAVERSE CITY C	48	27	37	+0	1.08	6	26.17	+2.74	96	2620	+459
30 Northeast LP											
ALPENA CO RGNL	45	26	35	+0	2.50	6	30.44	+9.62	101	2209	+337
ATLANTA 1SW	41	20	31	-4	1.90	6	29.21	+4.04	83	1971	+184
HALE LOUD DAM	43	23	34	-2	1.78	3	29.37	+6.51	105	2230	+221
MIO WWTP	42	22	33	-2	2.47	4	31.76	+7.93	101	2281	+291
ROGERS CITY #2	44	27	34	-1	2.21	6	27.76	+4.00	55	2126	+155
VANDERBILT 11 E	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W BRANCH 3SE	43	21	33	-2	2.21	4	31.96	+8.20	104	2224	+232
40 West Central LP											
FREMONT 4 WSW	48	29	39	+1	1.46	4	27.22	+2.04	92	2714	+466
HART	47	27	37	+0	1.57	5	33.80	+8.10	102	2480	+310
LUDINGTON	47	27	38	-2	1.42	5	38.83	+1.56	170	2138	+68
MUSKEGON CO AP	48	27	39	-2	2.01	5	25.38	+1.73	88	2858	+304
50 Central LP											
ALMA	48	25	38	-2	NA	NA	NA	NA	NA	NA	NA
BIG RAPIDS WATE	46	25	35	+0	1.70	4	28.45	+1.68	88	2152	+31
GLADWIN	47	22	34	-2	2.05	4	29.10	+4.82	83	2625	+379
MOUNT PLEASANT	48	26	38	-2	1.70	3	38.28	+4.56	156	2864	+507
WELLSTON 1N	45	25	34	-3	1.95	5	32.07	+6.22	113	2073	-142
60 East Central LP											
AUBURN 2NE	49	14	35	-1	1.57	4	30.03	+3.05	79	2109	-220
BAD AXE	47	28	37	-1	1.85	3	29.89	+5.57	103	2570	+302
CASS CITY 1 SSW	45	24	35	-2	1.44	3	28.13	+2.98	99	2296	+78
SAGINAW MBS INT	48	27	37	-1	1.56	3	29.33	+5.94	94	2898	+372
VASSAR	48	22	36	-1	1.13	5	24.16	-2.22	93	2408	+160
70 Southwest LP											
BENTON HARBOR A	50	28	40	-2	1.52	3	31.46	+3.44	88	2898	-12
BLOOMINGDALE	49	24	36	-2	2.20	6	39.05	+11.20	88	2625	+175
DOWAGIAC 1 W	48	26	37	-3	0.70	3	33.92	+4.92	91	2791	+243
E GRAND RAPIDS	47	28	39	-1	1.50	4	28.12	-0.18	90	3065	+446
FREMONT AP	47	28	37	-4	NA	NA	NA	NA	NA	NA	NA
KALAMAZOO BATTL	48	26	39	-2	1.73	5	29.61	+2.34	90	3125	+326
80 South Central LP											
BATTLE CREEK KE	47	27	38	-1	1.68	3	27.42	+2.13	88	3071	+450
CHARLOTTE	47	28	36	-2	1.36	4	30.28	+4.47	87	2697	+228
COLDWATER ST SC	46	26	38	-1	2.63	5	28.60	+0.54	88	2908	+299
HASTINGS	48	28	37	-1	2.01	5	32.19	+4.71	98	2719	+272
HILLSDALE	47	26	35	-4	1.34	3	30.32	+1.86	113	2712	+179
LANSING AREA	48	26	37	-3	1.57	4	28.24	+4.48	85	3073	+418
OWOSSO WWTP	50	28	37	-2	1.48	4	27.05	+2.87	99	2833	+298
THREE RIVERS	47	26	38	-2	2.83	6	28.34	-0.21	94	2852	+43
90 Southeast LP											
BURTON	47	26	39	+0	1.13	5	24.07	+0.57	91	2879	+581
FARMINGTON	47	30	37	-2	2.18	4	25.40	+1.69	85	2723	+148
GROSSE POINTE F	53	32	41	+2	1.55	2	26.38	+1.00	81	2839	+184
LAPEER WWTP	48	27	37	-2	1.89	4	26.91	+2.52	101	2710	+285
NEWPORT 4SSE	46	30	38	-3	2.05	4	25.93	+2.05	83	2980	+162
RICHMOND 4 NNW	47	27	37	+0	1.46	4	23.40	-2.30	78	2820	+382
SALINE	48	26	37	-2	2.10	3	23.17	-1.44	81	2249	-387
TIPTON	47	28	39	-1	1.39	5	18.52	-5.12	82	2990	+388
WHITMORE LAKE 1	47	29	36	-2	1.40	3	26.26	+2.49	92	2563	+169
YALE	48	24	36	-2	1.77	4	22.62	-1.04	81	2116	-94

Summary based on NOAA Regional Climate Centers (RCCs) data. DFN = departure from normal. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit. Climate normals used are for the 1981-2010 period.

The weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.