



Weekly Crop & Weather Roundup



Cooperating with the Pennsylvania Department of Agriculture
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Week Ending June 10, 2007

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Excellent week for Field Work: Hot and dry temperatures were in full effect this past week. Many counties in Pennsylvania are in desperate need of some good rain. Some areas of the state did receive some spotty showers, which gave many fields some relief. Ninety-six percent of the spring plowing is now complete. The progress of the crops across the state is looking good. Overall, 6 days were suitable for field work and principal farm activities included completing tillage work, spraying corn and oats, rotating pastures, spring plowing, fixing fences, cutting hay, and planting corn, potatoes, soybeans, vegetables and oats.

PA Topsoil Moisture for Week Ending June 10, 2007

Very Short	Short	Adequate	Surplus
Percent	Percent	Percent	Percent
21	43	36	0

Crops: Ninety-seven percent of the state's corn crop has been planted. This is only 1 percentage point ahead of this time last year, and 6 points above the five-year average. The planted crop is 3 percentage points farther along than the previous week. Pennsylvania's corn crop is now 87 percent emerged, which is 9 percentage points ahead of the 5-year average. Corn height is now 11 inches, which is 1 percentage point behind this time last year and 1 point ahead of the 5-year average. Conditions are showing that 67 percent of the corn crop is in good or excellent condition. Eighty-eight percent of the state's soybeans have been planted. This is 11 percentage points higher than the 5-year average and 2 points above this time last year. Sixty-one percent of the soybeans are in good or excellent condition. Ninety-six percent of the planted oats have emerged, 4 points behind this time last year and 2 points behind the five-year average. Ten percent of the emerged oats have now reached the heading stage. This is 16 points behind this time last year and eight points behind the 5-year average. Forty-five percent of the oats are in good or excellent condition. Seventy-six percent of the winter wheat is in good or excellent condition, this is 13 percentage points higher than the previous week. Eighteen percent of the headed wheat is now turning yellow. This is 12 points behind this time last year and 1 point behind the five year average. Eighty percent of the headed barley is now turning yellow. This is 1 point behind this time last year and 9 points ahead of the 5-year average. Seventy-seven percent of the tobacco crop has been transplanted. Seventy-one percent of the alfalfa standing is in good or excellent condition. Sixty-seven percent of timothy hay standing is in good or excellent condition. Eighty-seven percent of the hay made was in good or excellent condition as 80 percent of the first cutting of alfalfa and 42 percent of the first cutting of Timothy hay are complete

Livestock: The temperatures last week were really high, and many of the pastures were dry. While pasture conditions aren't as good as they could be, they've been consistent. Most farmers are pleased with the growth they've gotten over the past few weeks. Overall pasture conditions were reported as follows: very poor 4%, poor 11%, fair 40%, good 39%, and excellent 6%.

U.S. as of June 3, 2007: In the Southeast, despite some much needed precipitation, mostly along the Atlantic Coast, drought conditions

continued to persist. Likewise, irrigation demands remain heavy throughout the Southeast, while pastures and summer crops are under severe stress. Meanwhile in the West, warm, dry, weather prevailed, promoting fieldwork and crop development, but the lack of moisture increased irrigation demands. In California, pastures remain in poor conditions, but as the result of heavy irrigation the summer crops are in favorable conditions. Farther east, a dry pattern continued across the eastern Corn Belt and the Ohio Valley. Although not a major concern as of yet, the dry weather has begun to show some stress on pastures and summer crops. Elsewhere, on the Great Plains, showers and thunderstorms continued to hamper planting activities and other fieldwork. Precipitation during the week in the Great Plains provided abundant soil moisture for filling winter wheat and emerged summer crops.

Corn: Ninety-four percent of the crop was at or beyond emergence, 1 point ahead of last year and 6 percentage points ahead of the 5-year average. Emergence reached completion in North Carolina and Tennessee and was nearly complete across the central Corn Belt and central and southern Great Plains. Development was behind normal in Colorado, Iowa, and Missouri but was at or ahead of the normal pace in all other States.

Soybeans: Growers had planted 88 percent of their intended acreage, the same as the previous year but 7 points ahead of the normal pace. Progress advanced most in Michigan and South Dakota, where producers planted 20 percent and 19 percent of their intended acreage during the week, respectively. Emergence, at 70 percent, was 4 points ahead of last year and 14 points ahead of normal. The crop continued well ahead of the normal pace in most of the Corn Belt, including Minnesota and Ohio where the crop was 31 points ahead of normal. However, persistent rainfall continued to slow crop development in Kansas, where emergence was 16 points behind last year and the 5-year average.

Winter Wheat: Heading, at 88 percent complete, was the same as last year but 3 points ahead of the 5-year average. Across the middle Mississippi Valley and the southern half of the Great Plains heading was completed or near completion, and most states were ahead of the normal pace. Heading in Michigan advanced rapidly, progressing 50 points during the week, to 77 percent complete, 7 points behind last year but well ahead of the normal pace. Elsewhere, under favorable conditions heading advanced 24 points or more.

Small Grains: Barley emergence, at 95 percent complete, is 4 points ahead of last year and 7 points ahead of the 5-year average. Emergence is near completion in all States, and is at or ahead of normal in most states. Eighty-one percent of the crop was rated good or excellent, up slightly from the previous week.

Thirty-two percent of oats were at or beyond the heading stage, 2 points ahead of last year and 1 point ahead of the 5-year average. Heading was most active in the Corn Belt, where the crop advanced 24 points in Ohio and 14 points in Nebraska during the week. Heading had not yet begun in Minnesota and North Dakota.

Weather Data For Week Ending June 10, 2007

Station	Last Week Weather Summary						April 1 - June 10, 2007					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	High	Low	Average	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Northwest												
Erie	91	47	66	2	0.79	3	5.14	-2.89	25	559	148	1,099
Franklin	90	43	64	-1	0.87	4	8.20	-0.59	32	576	176	1,138
Meadville	86	42	62	-1	0.90	3	5.23	-3.35	32	588	236	1,137
Mercer	88	41	64	0	1.03	4	8.19	-0.44	31	571	163	1,125
Springboro	86	42	62	-3	0.80	4	7.26	-0.34	40	472	46	995
Warren	88	44	63	0	1.34	4	8.11	-1.00	31	481	97	1,018
North Central												
Bradford Region	84	37	60	2	1.37	4	7.17	-1.90	37	392	139	875
Emporium	88	45	64	4	2.49	4	10.89	1.57	32	504	213	1,056
Kane	87	39	61	3	1.77	4	8.94	-0.38	34	358	111	844
Laporte	84	44	62	-3	0.97	4	7.80	-1.00	33	425	21	936
Lock Haven	92	45	66	3	0.73	3	6.65	-1.67	25	623	174	1,187
Port Allegany	88	41	62	2	1.66	4	8.09	-0.52	33	400	94	899
Renovo	91	46	67	3	1.56	4	8.22	-0.10	27	617	168	1,180
Ridgway	86	41	62	2	1.88	4	9.48	0.16	34	404	113	928
Stevenson Dam	90	46	65	5	1.71	4	7.34	-1.98	29	532	241	1,081
Towanda	92	41	64	1	0.49	4	5.49	-2.08	31	465	50	982
Wellsboro	85	39	61	2	1.45	4	8.31	1.29	28	399	139	893
Williamsport	92	46	69	4	0.54	3	5.19	-3.30	27	704	174	1,292
Northeast												
Hawley	91	39	64	3	0.45	2	7.68	-1.02	25	452	137	980
Wilkes-Barre/Sc	92	44	67	2	0.88	3	6.66	-1.26	26	622	141	1,189
Susquehanna	90	40	64	4	1.43	4	8.20	-0.82	31	460	168	986
West Central												
Butler	89	42	65	1	1.44	4	6.53	-2.21	29	584	149	1,144
New Castle	91	44	65	0	2.31	4	6.54	-1.29	27	631	199	1,202
Slippery Rock	88	42	65	2	1.85	4	8.75	0.42	31	636	249	1,202
Central												
Altoona/Blair	88	49	66	1	0.86	3	5.75	-2.37	26	667	169	1,229
DuBois	84	40	63	-1	1.49	4	8.97	0.01	34	563	164	1,112
Lewistown	93	50	67	2	0.89	4	7.97	-0.51	25	671	106	1,245
Middletown	95	54	72	5	0.24	3	4.74	-4.10	20	843	195	1,442
Prince Gallitzi	90	45	64	2	1.40	4	7.04	-3.36	28	489	133	1,024
Selinsgrove	92	49	68	3	0.71	3	6.65	-1.92	24	609	113	1,174
State College	90	50	66	2	1.39	4	6.69	-1.17	27	695	214	1,263
East Central												
Allentown-Bethel	92	47	70	3	0.74	2	9.18	0.16	24	712	142	1,292
Lehighton	89	46	68	2	0.78	3	7.82	-1.15	28	610	68	1,178
Matamoras	91	44	66	0	1.27	3	9.06	-0.47	25	509	42	1,061
Mt_Pocono	87	37	63	4	1.19	2	8.63	-1.38	30	491	237	1,011
Southwest												
Pittsburgh/Alle	90	47	68	4	0.87	3	6.68	-2.05	28	825	323	1,413
Derry	90	49	65	2	1.11	4	9.82	1.26	24	615	167	1,175
Myersdale	85	42	61	-4	0.87	4	6.55	-3.00	29	418	-17	933
Mount Pleasant	90	46	65	3	1.56	4	7.73	-2.10	31	603	228	1,174
Pittsburgh Intl	90	44	67	2	0.74	4	6.93	-1.01	27	765	226	1,348
Connellsville	91	49	68	2	0.96	4	7.22	-2.20	30	725	163	1,308
Waynesburg	90	48	66	2	0.39	3	5.74	-2.95	28	643	167	1,219
South Central												
Biglerville	93	49	69	1	0.53	2	6.56	-1.76	21	752	107	1,344
Everett	90	45	65	0	1.12	4	6.80	-1.25	25	498	22	1,050
Hanover	93	47	70	3	0.54	3	6.55	-1.77	19	725	80	1,308
Harrisburg_AP	95	50	72	3	0.05	1	3.54	-5.30	16	806	151	1,408
South Mountain	89	46	66	1	0.78	3	8.50	0.38	23	571	80	1,125
York	93	48	70	2	0.43	3	6.89	-1.82	24	707	52	1,297
Southeast												
Green Lane	92	48	69	4	1.23	3	11.00	2.18	27	720	189	1,301
Hamburg	92	49	70	6	1.37	3	11.54	1.18	24	758	304	1,345
West_Chester	94	46	69	1	1.17	3	12.63	3.05	20	690	58	1,267
Lancaster	93	49	71	4	1.24	3	7.62	-0.98	19	745	172	1,334
Neshaminy Falls	92	48	68	2	1.55	3	14.66	4.88	25	646	80	1,213
New Holland	94	54	70	4	0.94	3	8.00	-0.60	20	789	216	1,371
Philadelphia	94	55	73	4	1.66	1	13.40	4.83	18	895	191	1,507
Philadelphia NE	93	51	72	3	1.04	1	13.81	5.24	23	875	171	1,487
Reading	94	50	71	5	0.69	4	8.17	-1.52	24	790	242	1,382
Valley Forge Na	94	46	70	1	1.28	2	11.50	2.40	26	712	28	1,301
Willow Grove	92	49	70	3	1.32	2	12.24	2.46	26	776	210	1,363

DFN = Departure from normal (using 1961-90 normals period).

Precipitation (rainfall or melted snow or ice) and pan evaporation in inches.

Precipitation days = days with precipitation of .01 inch or more.

Air temperatures in degrees fahrenheit.

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Internet Reporters' Comments, By County:

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

ADAMS COUNTY, Judy A Behney - Adams County had another hot and humid week of weather. Thunderstorms rolled through Friday evening with not much measurable rainfall in the county. We continue to be extremely dry and the crops are starting to see the affect of drought conditions. Moisture from heavy dews overnight is keeping the crops going.

Corn planting is about completed. Soybeans continue to be planted. Most corn is at least emerged and in some areas corn is 10 inches in height. Soybeans are emerged and some areas that received moisture are a little higher than others. Some producers are awaiting some moisture before planting any additional crops. Wheat and barley continue to look good and heads are turning yellow. Wheat is being monitored for different diseases and being sprayed accordingly. Hay continues to be made with the hot and humid days are good for drying conditions. All types of hay are short in height this year due to lack of rainfall.

Apples and peaches are in good shape. Other fruit crops continue to be doing well also. Pumpkins are being planted. Sweet corn is finally growing some. Strawberries are still being picked.

Overall the crops are fairing well due to lack of rainfall. A little moisture would benefit all crops.

ADAMS COUNTY, Thomas Kerr - Spotty showers this week did very little to help the dry conditions. The corn and beans have not suffered except on the shale ground. Hay this week was excellent quality. Some second cutting alfalfa made late in the week. Wheat turning early though and barley harvest will start within a few days. Apples and peaches still doing well, and the cherries are beginning to show some color.

CAMBRIA COUNTY, Dolly Little - It has been very dry; when it does rain it is very spotty. The hay crop is suffering.

CENTRE COUNTY, Dick Decker - This was a good week for field work. We got .2" of rainfall for the week in my gauge.

CRAWFORD COUNTY, Ron McCorkle (NRCS) - Storms moved in briefly this week but the rains were a welcome sight. It was an excellent weekend for mowing hay. Most of the dairy producers are finished with haylage and now concentrating on dry hay. Overall crops look good for this time of year. Producers are staying on schedule and even getting ahead a little.

DAUPHIN COUNTY, Paul H. Craig - This past week the rain was widespread and very limited across the region. The soil moisture levels are extremely short right now. The corn crop is showing moisture stress when air temperatures are high. Cooler weather provided some relief. Corn is in the 6 to 7 leaf stage in many fields. Sidedress time is here but moisture may limit the best conditions. Soybean stands look rough, poor establishment and development due to dry soil conditions. Second cutting of alfalfa is extremely short and potato leafhoppers are above threshold levels in many fields resulting in treatment by many growers.

FOREST COUNTY, Thomas Tanner - There were many acres of hay made. We need rain! The corn is curled in some places.

JUNIATA COUNTY, Dave Stetler - Not much moisture this week, got a "little" windy with Friday evening storm.

LACKAWANNA COUNTY, John Esslinger - Dry conditions have resulted in poor stands of peppers planted in the last 2 weeks. Many growers have to start irrigating.

LANCASTER COUNTY, Axel Linde - Most of the corn is growing nicely. This is a critical time to spray for weeds in corn. Early corn is in v6 stage and most fields with manure don't need additional nitrogen. So far 15 farmers have used the no-till trans planter to plant either tobacco or pumpkins. Small grains are maturing quickly. Farmers are planning for second cutting alfalfa this coming week. Lots of Sudan grass was planted no-till these past two weeks.

LANCASTER COUNTY, BURELL WHITWORTH JR - Crops are growing good, the rain helped. Grain is being harvested.

MONTGOMERY COUNTY, Andrew Frankenfield - Very little rain in the past week allowed for excellent hay making. Still a significant amount of grass hay remains to be made in the county. Earliest corn is V7-V8 and looks very good; some corn was still planted this past week. Most of the soybeans are planted. Leafhoppers are in the alfalfa re-growth with harvest about a week away. Looks like hay making could be a challenge this week with much needed showers in the forecast every day.

SNYDER COUNTY, William C. Sheaffer - The week began with a few hit and miss showers and ended with strong winds and very little rain. The crop conditions are deteriorating each day with the heat, dry weather and wind. However, alot of very good quality hay has been made. The barley is nearing harvest, the wheat is looking good, and the oats is beginning to come into head. The corn and soybean fields are very weedy. The main activities for the week were haymaking, spraying and topdressing the hay fields.

WASHINGTON COUNTY, Chuck Shrump - Welcomed rain fell this past Friday. This certainly helped the dry conditions, but more rain is needed.

WESTMORELAND COUNTY, John Lohr - This week the county received some much-needed rain along with cooler temperatures. A few spring planted crops have spotty stands as a result of wet planting conditions and less than favorable early season weather. With the early season dry conditions, hay harvest is progressing well ahead of the last several years.

PA Crop Progress for Week Ending June 10, 2007

Crop	Current Week	Last Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Spring plowing	96	100	97
Corn, planted	97	96	91
Corn, emerged	87	84	78
Corn average height, inches	11	12	10
Barley, turning yellow	80	81	71
Wheat, turning yellow	18	30	19
Oats, emerged	96	100	98
Oats, heading or headed	10	26	18
Soybeans, planted	88	86	77
Soybeans, emerged	60	54	53
Tobacco, transplanted	77	89	66
Alfalfa, 1st cutting	80	72	60
Timothy clover, 1st cutting	42	35	29

PA Crop Condition for Week Ending June 10, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	5	27	51	16
Wheat	1	2	21	60	16
Oats	0	11	44	42	3
Soybeans	0	5	34	45	16
Alfalfa and alfalfa mixtures stand	1	4	24	57	14
Timothy clover stand	0	3	30	60	7
Quality of hay made	0	1	12	50	37
Pasture	4	11	40	39	6
Peaches	0	0	2	54	44
Apples	0	0	1	51	48

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