



# Weekly Crop & Weather Roundup



Cooperating with the Pennsylvania Department of Agriculture

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Week Ending June 2, 2013

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**Excellent Week for Field Work:** Pennsylvania had an average of 6 days suitable for field work. This week different regions of Pennsylvania saw very different weather conditions. Most of the state saw less than one inch of rain with many hot days this week. On May 28, 2013, the northwest region of the state had strong thunderstorms role through the area producing several inches of rain causing flooding and damage, while there was even an EF-1 tornado reported in Erie County. Even at the beginning of the week there was some frost reported in the western part of the state. Most crops seem to be recovering well after being hit by frost that occurred several weeks ago. Planting is finishing up and crops are really starting to emerge and grow now. Alfalfa, Timothy and Hay cutting is well underway and farmers are making good progress with all crops. More rain is still needed for most of Pennsylvania as we are well below the average amount of rainfall that we usually receive. Field activities for the week included finishing planting; plowing; cutting alfalfa and other forage; spraying herbicides and pesticides.

**PA Topsoil Moisture for Week Ending Jun 2, 2013**

Very Short	Short	Adequate	Surplus
Percent	Percent	Percent	Percent
0	16	82	2

**Crop Progress:** Corn is 93% planted, which is ahead of progress at this time last year of 89% and the 5-year average of 85% planted. Corn is 60% emerged, which is behind progress at this time last year of 61% but the same as the 5-year average of 60% planted. Corn is at 5 inches in height, which is behind progress at this time last year of 9 inches and the 5-year average of 7 inches in height. Barley is 96% headed, which is the same progress at this time last year of 96% but behind the 5-year average of 98% headed. Barley is 16% yellow, which is behind progress at this time last year of 89% and the 5-year average of 62% headed. Winter wheat is 93% headed, which is behind progress at this time last year of 96% and the 5-year average of 95% headed. Winter wheat is 9% yellow, which is behind progress at this time last year of 32% and the 5-year average of 11% yellow. Oats are 10% headed, which is behind progress at this time last year of 15% but ahead of the 5-year average of 9% headed. Soybeans are 75% planted, which is ahead of progress at this time last year of 73% and the 5-year average of 61% planted. Soybeans are 46% emerged, which is behind progress at this time last year of 47% but ahead of the 5-year average of 35% planted. Tobacco is 65% transplanted into fields, which is behind progress at this time last year of 91% and the 5-year average of 68% planted. Alfalfa first cutting is 62% cut, which is behind progress at this time last year of 73% but ahead of the 5-year average of 60% cut. Timothy/Clover first cutting is 38% cut, which is behind progress at this time last year of 54% but ahead of the 5-year average of 36% cut.

**Crop Condition:** Corn conditions are; 0% very poor, 0% poor, 29% fair, 68% good, and 3% excellent. Winter wheat conditions are; 0% very poor, 1% poor, 12% fair, 60% good, and 27% excellent. Oats conditions are; 0% very poor, 5% poor, 29% fair, 49% good, and 17% excellent. Alfalfa stand conditions are; 0% very poor, 4% poor, 21% fair, 60% good, and 15% excellent. Timothy/Clover stand conditions are; 0% very poor, 2% poor, 21% fair, 63% good, and 14% excellent. Quality of Hay made conditions are; 0% very poor, 1% poor, 11% fair, 64% good and 24% excellent. Pasture conditions are; 4% very poor, 3% poor, 26% fair,

53% good and 14% excellent. Peaches conditions are; 0% very poor, 0% poor, 0% fair, 100% good and 0% excellent. Apples conditions are; 0% very poor, 0% poor, 0% fair, 45% good and 55% excellent.

**Nationwide as of May 26, 2013:** Cool weather blanketed the Pacific Northwest during the week, with late-week freezes noted as far south as the northern Great Basin region. Similarly, portions of the northern Great Plains and Great Lakes region also recorded below-average temperatures during the week. Storm systems dumped rainfall in excess of 3 inches on portions of western Oregon and Washington, as well as many isolated areas from the Great Plains eastward. Corn: Despite above-average precipitation in portions of the major corn-producing region, some planting continued during the week. By May 26, producers had planted 86 percent of this year's crop, 13 percentage points behind last year and 4 points behind the 5-year average. In fact, progress was now ahead of normal in six of the major producing states, following much improved fieldwork conditions during the past 2 weeks. Emergence advanced rapidly during the week, following last week's explosion in planting progress. By week's end, 54 percent of the nation's corn crop had emerged, 35 percentage points behind last year and 13 points behind the 5-year average. Soybeans: Double-digit planting progress was evident, as favorable weather provided ample time for fieldwork in many areas and as more producers finished planting corn and switched their focus to soybeans during the week. Nationally, 44 percent of this year's soybean crop was in the ground by May 26, forty-three percentage points behind last year and 17 points behind the 5-year average. Fourteen percent of the soybean crop had emerged by week's end, 43 percentage points behind last year and 16 points behind the 5-year average. Winter Wheat: Heading of the winter wheat crop was 60 percent complete by May 26, twenty-five percentage points behind last year and 12 points behind the 5-year average. In Texas, recent rainfall benefited the developing crop in the Blacklands and North East regions, while harvest was underway in the Trans-Pecos, South Central, and Upper Coast regions. Overall, 31 percent of the winter wheat crop was reported in good to excellent condition, unchanged from last week but 23 percentage points below the same time last year. Other Small Grains: Ninety-two percent of the oat crop was sown by week's end, 8 percentage points behind last year and 3 points behind the 5-year average. Seeding was complete or nearing completion in most states. Nationwide, 76 percent of the oat crop had emerged by May 26, twenty-two percentage points behind last year and 11 points behind the 5-year average. Delays of 23 percentage points or more remained in Minnesota, North Dakota, and Wisconsin, despite rapid progress during the week. With activity limited to Nebraska, Ohio, and Texas, heading of the oat crop was 28 percent complete by week's end. This was 10 percentage points behind last year and 4 points behind the 5-year average. Overall, 52 percent of the oat crop was reported in good to excellent condition, up 5 percentage points from last week but 20 points below the same time last year. By week's end, 78 percent of this year's barley crop was sown. This was 22 percentage points behind last year and 9 points behind the 5-year average. Following last week's surge in fieldwork, heavy rainfall drove Minnesota producers from their fields and limited planting activity to approximately 2 days. Nationwide, 46 percent of the barley crop had emerged by May 26, forty-three percentage points behind last year and 18 points behind the 5-year average.

## Weather Data For Week Ending June 2, 2013

Station	Last Week Weather Summary						April 1 - June 2, 2013					
	Temperature			Precipitation			Precipitation			GDD Base 50F		Base 40F
	High	Low	Average	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
<b>Northwest</b>												
Erie	88	41	70	9	5.03	5	9.97	3.03	30	541	243	1,020
Franklin_AG	89	37	67	6	1.23	4	7.44	-0.16	28	520	229	990
Meadville-Port	84	38	68	9	1.87	3	6.31	-1.08	30	557	304	1,046
Clarion	86	33	64	3	0.71	3	6.41	-1.66	25	412	82	858
Springboro	86	34	66	5	2.90	5	8.58	2.00	26	469	158	914
Warren	88	35	65	5	3.27	4	7.59	-0.23	29	458	180	916
<b>North Central</b>												
Bradford Region	85	30	66	10	2.10	4	7.23	-0.50	30	444	265	898
Oswayo	88	27	63	5	1.96	4	6.30	-0.94	24	319	98	732
Kane	87	28	62	6	3.54	4	10.01	1.97	26	309	135	722
Laporte	85	39	65	4	0.59	2	8.05	0.45	24	310	12	744
Lock Haven	91	36	66	5	0.90	2	6.57	-0.55	19	479	145	976
Coudersport_1SW	88	27	62	4	1.88	3	7.31	0.07	27	315	94	736
Renovo	91	35	67	5	1.19	2	6.63	-0.49	21	494	160	982
Ridgway	88	30	64	7	0.62	4	6.56	-1.56	27	410	203	851
Stevenson Dam	90	33	65	8	1.32	2	5.58	-2.54	19	427	220	891
Towanda	91	36	65	4	1.21	1	6.30	-0.31	18	378	71	849
Wellsboro	86	33	63	6	1.54	3	7.16	1.22	24	301	118	738
Williamsport	91	37	69	6	0.68	2	6.77	-0.60	21	532	128	1,064
<b>Northeast</b>												
Hawley	90	33	63	5	0.57	1	5.95	-1.71	25	317	92	757
Wilkes-Barre/Sc	90	36	68	6	0.57	1	4.99	-1.89	20	509	149	1,028
Susquehanna	89	36	65	7	0.76	1	6.60	-1.30	21	354	148	815
<b>West Central</b>												
Butler	86	34	65	5	0.44	3	6.04	-1.52	26	501	178	975
New Castle	87	37	67	6	0.92	4	5.80	-0.99	21	536	218	1,020
Slippery Rock	87	35	66	6	0.91	3	5.90	-1.24	20	557	272	1,033
<b>Central</b>												
Altoona/Blair	89	40	69	6	0.45	2	5.34	-1.74	23	561	185	1,080
DuBois	87	37	68	8	0.73	3	4.33	-3.35	23	524	231	1,008
Lewistown	92	40	68	5	0.29	2	5.85	-1.48	22	561	127	1,102
Middletown	91	42	71	5	0.33	2	4.87	-2.91	23	612	114	1,177
Prince Gallitzi	88	32	65	6	0.49	2	4.91	-4.32	23	453	193	936
Selinsgrove	91	37	68	5	0.33	1	6.36	-1.01	18	473	101	991
State College	88	42	68	6	0.35	2	6.73	-0.07	24	515	156	1,027
<b>East Central</b>												
Allentown-Bethel	94	39	69	5	0.36	1	5.36	-2.62	20	551	119	1,100
Lehighton	88	37	65	1	0.36	2	5.63	-2.30	21	421	10	944
Matamoras	90	39	67	5	0.68	2	6.63	-1.86	20	412	65	922
Mt_Pocono	86	33	65	8	0.69	1	7.07	-1.82	22	343	167	795
<b>Southwest</b>												
Pittsburgh/Alle	88	45	71	8	0.24	3	5.26	-2.43	23	702	321	1,238
Indiana_PA	86	36	68	6	0.49	3	5.66	-2.71	22	586	217	1,096
Myersdale	87	32	62	1	0.34	3	6.67	-1.84	24	380	57	835
Chalk_Hill	88	29	63	-3	0.36	3	6.38	-1.97	25	445	15	901
Pittsburgh Intl	87	40	70	7	0.46	4	5.74	-1.24	22	675	264	1,198
Connellsville	89	34	67	3	0.52	4	5.87	-2.48	28	532	102	1,038
Waynesburg	87	34	67	5	0.21	4	5.15	-2.54	23	539	182	1,037
<b>South Central</b>												
Biglerville	91	42	70	4	0.11	1	5.03	-2.33	23	563	66	1,112
Everett	89	35	64	2	0.46	3	5.70	-1.47	24	467	110	968
Hanover	91	38	70	5	0.08	2	4.89	-2.47	25	555	58	1,101
Harrisburg_AP	91	41	71	5	0.38	3	5.36	-2.42	25	616	111	1,186
South Mountain	85	36	66	4	0.14	2	6.92	-0.16	25	412	43	914
York	90	37	69	4	0.17	2	4.03	-3.56	22	562	54	1,096
<b>Southeast</b>												
Green Lane	91	40	69	6	0.30	1	7.00	-0.94	21	529	128	1,078
Hamburg	92	41	69	7	0.30	1	6.10	-2.98	23	526	191	1,071
West_Chester	92	38	69	3	0.26	1	6.89	-1.59	20	527	41	1,069
Lancaster	91	41	70	6	0.28	2	4.86	-2.70	23	546	111	1,086
Neshaminy Falls	92	39	72	7	0.29	1	6.29	-2.45	21	575	148	1,137
New Holland	93	46	74	9	0.27	1	5.68	-1.88	20	616	181	1,182
Philadelphia	93	49	74	7	0.14	1	4.84	-2.77	21	736	189	1,324
Philadelphia NE	91	42	72	5	0.27	1	5.14	-2.47	22	619	72	1,188
Reading	94	42	72	8	0.30	1	6.07	-2.44	21	644	232	1,215
Sellersville	91	37	68	4	0.38	1	7.54	-0.40	20	497	96	1,025
Doylestown_AG	93	41	70	6	0.35	1	7.09	-1.65	20	578	151	1,136

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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## 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**

Producers are busy planting corn and soybeans this week in the county as most soil conditions are ready to get into the fields to be planted. Some earlier corn and soybeans are now emerged and liking the heat since last weekend was still pretty cool for this time of the year, and was just sitting in the ground not ready to come out. Hay is being made in the county also with some for haylage and some also for dry hay. The hay and small grains have grown some due to the heat also in height. Barley is getting closer to harvest and wheat now has heads and being sprayed for prevent diseases.

Fruit crops are being watched as the cold temperatures the past few weeks will have some affect on the crop this year. Normal spraying being completed. Vegetables are looking pretty good now since warmer temperatures but some also got hit from frost last week. Overall the producers are putting in long days to get their work completed in hopes of getting a good crop yields this year.

### **BUTLER County, L Fritz**

Planting of spring crops is nearly complete. Many producers are trying to harvest dry hay. Haylage harvest is well underway, however there are losses due to insect damage that is more severe than normal for early hay.

### **CENTRE County, Dick Decker**

Good week for hay making and field work. 0.25 inches rainfall for the week.

### **CLARION County, Tom Tanner**

Warren, Forest, Venango, and Clarion had 2 frosts where temperatures dipped to 26 degree. Warren County was hit with a very bad storm on the evening of the 28th. Trees down, flooding, roads washed out and many acres of crop land flooded. The storm produced 4 to 6 inches of rain in a very short time.

### **CRAWFORD County, Ron McCorkle (NRCS)**

Storms rolled through the area this week bringing heavy rains and winds. Field work stopped due to saturated field conditions. More sunny days needed to allow fields to dry.

### **ERIE County, Nancy Lewis**

Tornadoes and heavy rain affected the eastern and central sections of the county. Heavy rainfall caused ponding and erosion in freshly planted fields. High winds from the tornado damaged timber lots. Reports were received that below normal temperatures frosted sweet corn acreage.

### **FRANKLIN County, Thomas Kerr**

Good week to finish up full season corn and soybean planting. Hay making first cutting of alfalfa finished and into first cutting of grass hay. Hot weather helped corn and soybean

growth. Peaches showing an excessive June drop and might influence the final crop. Apples are all in good shape.

### **LEBANON County, Charlene Ziegler**

Grass hay and alfalfa was cut and baled. Emerged corn and soybean populations are looking good. Corn is being top dressed. Temperatures have been unsettled.

### **MERCER County, James P. Rust**

We only received 0.25 inches of rainfall this past week and the crops are in need of moisture. Fertilizer and herbicides that have been applied are not working properly due to the lack of moisture for the activation process. Crops are still recovering from the three nights of frost from the Memorial Day weekend. Corn seems to be recovering from the frost and growing back in good order. Our area is over 3 inches of rainfall short for the month of May.

### **SNYDER County, William C. Sheaffer**

The winter grains are looking good; except, the barley is some small areas that were impacted by the late frosts. The wheat has not shown any signs of disease. Corn has emerged very well and the stands are looking good. The soybeans have emerged and there are signs of slug damage. The main activities for the week were haymaking, planting and spraying.

### **TIOGA County, J. Craig**

Nice rains, corn emerged well; some hay being made.

### **UNION County, James Brubaker**

Finally finished planting after many breaks for rain. Stands are good despite of some heavy downpours. I am amazed how emergence improves after long-term no-till I suppose because of increase of organic material. Overall crops look good, moisture is more than adequate.

### **WESTMORELAND County, John Lohr**

Scattered frost and cold temperatures at the beginning of the week did some spotty, light damage to soybeans, corn, sweet corn, and alfalfa. Conditions have turned slightly dry and a good rain would be welcome. Good progress is still being made with all planting.

**PA Crop Progress for Week Ending June 2, 2013**

Crop	Current Week	Last Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn, planted	93	89	85
Corn, emerged	60	61	60
Corn, height	5	9	7
Barley, heading or headed	96	96	98
Barley, turning yellow	16	89	62
Wheat, heading or headed	93	96	95
Wheat, turning yellow	9	32	11
Oats, heading or headed	10	15	9
Soybeans, planted	75	73	61
Soybeans, emerged	46	47	35
Tobacco, transplanted	65	91	68
Alfalfa, 1st cutting	62	73	60
Timothy clover, 1st cutting	38	54	36

**PA Crop Condition for Week Ending June 2, 2013**

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	0	0	29	68	3
Wheat	0	1	12	60	27
Oats	0	5	29	49	17
Alfalfa and alfalfa mixtures stand	0	4	21	60	15
Timothy clover stand	0	2	21	63	14
Quality of hay made	0	1	11	64	24
Pasture	4	3	26	53	14
Peaches	0	0	0	100	0
Apples	0	0	0	45	55

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