



Weekly Crop & Weather Roundup



Cooperating with the Pennsylvania Department of Agriculture
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Week Ending July 10, 2011

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This report can be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."

Excellent Week for Field Work: Pennsylvania had an average of 6 days suitable for field work. The warmer than usual temperatures being experienced over the past few weeks remained a concern for many producers in the keystone state this week. The scattered showers received by parts of the state this week were much welcomed, but more precipitation is needed to relieve the stressed crops in many fields. Primary field activities for the week included, topdressing corn, harvesting wheat, sweet and tart cherries, cutting hay, and hauling manure.

PA Topsoil Moisture for Week Ending July 10, 2011

Very Short	Short	Adequate	Surplus
Percent	Percent	Percent	Percent
14	33	52	1

Crop Progress: Corn has begun to silk and is at 9% compared to 20% at this time last year and the 5-year average of 15%. Corn has reached a measurable height of 53 inches, compared to 56 inches last year, and an average of 52 inches. The barley harvest is 95% complete, compared to 97%, and the average of 92%. Wheat continued to ripen and is at 97% compared to last year's 96% and the average of 91%. Harvesting of wheat is 68% complete compared to 83% a year ago and the average of 54%. Oats are 89% headed, behind last year's 97% and the average of 94%. Oats are 11% yellow compared to last year's 61% and the average of 36%. The second cutting of alfalfa is 75% completed, compared to 90% last year, and the average of 66%. Timothy/Clover first cutting is 94% complete, behind last year's 98%, but ahead of the average of 92%. Timothy/Clover second cutting has begun and is 13% complete, behind last year's 20%, but about the same as the 5-year average.

Crop Condition: State-wide corn conditions are; 1% very poor, 5% poor, 24% fair, 53 % good, and 17% excellent. Winter wheat conditions are; 2% very poor, 6% poor, 27% fair, 51% good, and 14% excellent. Oats conditions are; 0% very poor, 9% poor, 34% fair, 53% good, and 4% excellent. Soybean conditions are; 0% very poor, 3% poor, 19% fair, 67% good, and 11% excellent. Alfalfa stand conditions are; 2% very poor, 2% poor, 14% fair, 63% good, and 19% excellent. Timothy/Clover stand conditions are; 1% very poor, 3% poor, 13% fair, 69% good, and 14% excellent. Quality of Hay made is 1% very poor, 5% poor, 28% fair, 41% good, and 25% excellent. Pasture conditions are; 15% very poor, 14% poor, 27% fair, 39% good and 5% excellent. Peach conditions are; 0% very poor, 0% poor, 7% fair, 48% good and 45% excellent. Apple conditions are; 6% very poor, 13% poor, 19% fair, 49% good and 13% excellent.

Nationwide as of July 03, 2011: Warmer weather throughout much of the West promoted increased crop development of small grains in previously cool northern locations. Elsewhere, hot weather continued on the southern Plains, adversely impacting developing crops but promoting a rapid dry down and harvesting pace for winter wheat.

Welcomed rain fell in portions of the Southeast during the week, giving some producers the moisture they needed to begin or continue planting summer crops.

Corn: Nationally, 6 percent of this year's corn crop was silking by week's end. This was 12 percentage points behind last year and 6 points behind the 5-year average. Progress was well behind both last year and normal across most of the major producing regions. Overall, 69 percent of the corn crop was reported in good to excellent condition, up slightly from last week but 2 percentage points below the same time last year.

Soybeans: By July 3, emergence of the soybean crop had advanced to 96 percent complete, slightly behind last year but on par with the 5- year average. Blooming was underway in 17 of the 18 major soybean producing states and was 8 percent complete by week's end. This was 13 percentage points behind last year and 10 points behind the 5-year average. Late planting coupled with adverse spring and early-summer growing conditions in some areas contributed to a slow crop development pace. Overall, 66 percent of the soybean crop was reported in good to excellent condition, up slightly from last week but unchanged from the same time last year.

Winter Wheat: By week's end, 97 percent of the winter wheat crop was at or beyond the heading stage, slightly behind last year but on par with the 5-year average. Warmer weather promoted double-digit head development in Idaho, Montana, and Washington during the week; however, overall progress remained well behind normal. Nationwide, 56 percent of the winter wheat crop was harvested by July 3, four percentage points ahead of both last year and the 5-year average. Mostly sunny skies and dry weather allowed producers in several states ample time to harvest more than 10 percent of their crop during the week. Overall, 36 percent of the winter wheat crop was reported in good to excellent condition, up slightly from last week but 27 percentage points below the same time last year.

Small Grains: Heading of the oat crop was 66 percent complete by week's end, 20 percentage points behind last year and 18 points behind the 5-year average. While heading was complete and harvest was nearly complete in Texas, head development was behind both last year and the average in all other estimating states. Overall, 59 percent of the oat crop was reported in good to excellent condition, up 2 percentage points from last week but 22 points below the same time last year. By July 3, barley producers had seeded 96 percent of this year's crop, 4 percentage points behind last year and 2 points behind the 5- year average. Ninety-three percent of the crop was emerged by week's end, 2 percentage points behind last year and 6 percentage points behind the 5-year average. The most significant delay was evident in North Dakota, where seeding delays coupled with unfavorable growing conditions limited crop development. Nationwide, 9 percent of the barley crop was at or beyond the heading stage by week's end, 30 percentage points behind last year and 38 percentage points behind the 5-year average. Overall, 76 percent of the barley crop was reported in good to excellent condition, up slightly from last week but 9 percentage points below the same time last year.

Weather Data For Week Ending July 10, 2011

Station	Last Week Weather Summary						April 1 - July 10, 2011					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	High	Low	Average	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Northwest												
Erie	88	57	73	2	0.09	1	17.77	5.85	54	1,168	199	2,024
Franklin_AG	89	55	72	3	0.39	3	17.01	3.40	55	1,216	285	2,081
Meadville-Port	86	55	72	5	0.29	2	18.31	5.21	60	1,232	393	2,093
Mercer	88	56	72	3	0.43	4	17.33	4.11	68	1,197	272	2,084
Springboro	87	49	69	-2	0.30	3	17.71	6.04	59	1,019	35	1,849
Warren	87	51	69	0	0.30	2	17.80	3.98	57	1,085	186	1,937
North Central												
Bradford Region	83	46	66	2	1.17	2	19.71	5.71	64	910	276	1,704
Oswayo	85	42	67	2	0.19	3	17.08	3.49	56	938	211	1,752
Kane	84	47	66	2	0.02	1	21.81	7.74	53	882	256	1,689
Laporte	83	57	70	0	0.16	3	27.53	14.32	58	980	52	1,802
Lock Haven	92	57	74	4	0.00	0	15.33	2.55	48	1,344	344	2,240
Port Allegany	85	50	68	3	0.15	1	18.55	4.96	55	991	264	1,811
Renovo	90	57	73	3	0.00	0	18.45	5.67	57	1,310	310	2,200
Ridgway	85	50	68	2	0.03	2	16.21	2.14	55	1,006	289	1,852
Stevenson Dam	90	55	72	7	0.01	1	18.92	4.85	52	1,214	497	2,085
Towanda	89	54	71	2	0.40	1	22.90	11.93	50	1,155	214	2,020
Wellsboro	88	50	70	5	0.41	3	17.69	6.69	58	944	278	1,752
Williamsport	92	58	75	4	1.44	1	21.22	8.44	47	1,448	324	2,368
Northeast												
Hawley	87	53	69	3	2.19	3	24.49	12.18	53	1,027	255	1,879
Wilkes-Barre/Sc	88	55	73	2	1.24	2	17.99	6.09	54	1,312	254	2,213
Susquehanna	87	53	70	4	0.94	4	19.98	6.90	55	1,075	338	1,930
West Central												
Butler	88	56	72	3	0.11	3	14.55	1.52	55	1,273	298	2,178
New Castle	93	57	75	6	0.47	3	17.35	5.39	56	1,353	375	2,260
Slippery Rock	91	54	73	6	0.10	2	15.71	2.97	52	1,242	364	2,140
Central												
Altoona/Blair	92	57	74	4	0.29	1	14.16	2.15	46	1,444	374	2,359
DuBois	86	56	70	2	0.37	1	17.44	4.07	53	1,155	248	2,020
Lewistown	93	60	76	4	0.20	2	18.75	5.98	44	1,460	281	2,390
Middletown	91	63	78	3	0.49	2	20.82	8.27	44	1,621	279	2,584
Prince Gallitzi	88	53	72	5	0.31	2	14.03	-0.94	52	1,168	342	2,026
Selinsgrove	92	52	73	2	0.48	3	20.04	7.14	54	1,355	266	2,265
State College	90	61	74	4	0.28	1	15.39	3.57	45	1,363	311	2,259
East Central												
Allentown-Bethel	91	58	76	3	1.18	3	16.47	3.70	46	1,508	292	2,449
Lehighton	88	59	73	1	0.78	3	18.14	5.35	50	1,283	122	2,203
Matamoras	88	53	70	-1	2.37	2	22.72	9.19	51	1,111	71	1,993
Mt_Pocono	85	52	69	5	2.87	3	24.04	9.86	52	1,072	410	1,928
Southwest												
Pittsburgh/Alle	90	62	76	5	0.27	2	11.90	-0.58	59	1,532	459	2,474
Indiana_PA	90	57	73	4	0.75	4	17.46	3.11	67	1,327	291	2,233
Myersdale	83	52	68	-2	1.17	4	18.20	4.34	58	993	27	1,854
Chalk_Hill	88	52	70	-2	1.61	5	26.49	12.78	63	1,056	-109	1,930
Pittsburgh Intl	90	59	75	4	0.62	3	12.71	0.99	52	1,492	358	2,430
Connellsville	89	59	74	3	0.74	3	17.30	3.59	68	1,436	271	2,371
Waynesburg	88	57	73	4	1.64	3	23.11	10.50	56	1,346	309	2,280
South Central												
Biglerville	92	63	77	3	0.51	3	17.75	6.12	41	1,543	217	2,491
Everett	90	56	72	2	1.89	2	18.99	7.56	47	1,261	221	2,177
Hanover	91	62	76	2	1.03	2	13.96	2.33	43	1,546	220	2,488
Harrisburg_AP	90	62	77	3	1.45	2	18.88	6.33	40	1,633	284	2,594
South Mountain	86	58	72	2	0.19	3	15.85	3.84	48	1,235	172	2,139
York	91	60	76	2	1.12	3	14.46	1.62	43	1,565	241	2,524
Southeast												
Green Lane	91	61	77	5	1.13	3	14.97	2.61	46	1,516	367	2,464
Hamburg	92	61	77	6	0.22	2	15.81	0.78	50	1,489	457	2,425
West_Chester	94	58	77	3	1.16	1	11.37	-2.56	35	1,542	233	2,493
Lancaster	92	62	77	4	0.85	2	17.05	4.19	45	1,590	371	2,542
Neshaminy Falls	92	59	78	5	1.25	2	14.89	0.73	35	1,611	395	2,562
New Holland	92	64	78	5	3.49	2	16.11	3.25	44	1,568	349	2,511
Philadelphia	95	69	81	6	1.49	2	11.26	-1.23	35	1,880	457	2,858
Philadelphia NE	93	64	80	4	0.70	3	13.46	0.97	37	1,719	296	2,690
Reading	94	63	78	5	0.48	2	14.90	1.01	47	1,675	488	2,641
Sellersville	91	59	76	4	1.74	3	16.37	4.01	46	1,402	253	2,330
Doylestown_AG	92	61	78	5	2.64	3	14.87	0.71	43	1,604	388	2,564

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

Adams County had another week of hot and humid weather. Some areas of the county received significant rainfall (2" inches) on Thursday into Friday and others only received 0.2". The county is still dry and could use some steady rainfall. Corn is finally looking better and growing in height. Soybeans are looking better also. Double-cropped soybeans after wheat are being planted but most folks are calling it quits due to lack of moisture. Wheat harvest is about completed and some are saying they have good crops and others not so good. Hay continues to be made. Fruit crops continue to mature. Some early peaches, plums and apricots are being harvested. Other vegetables are coming along and also being harvested. Overall, the crops do not look too bad for as dry as it is this early but all producers are hoping for some moisture. Most producers are still putting in pretty long days working in the fields.

BUCKS COUNTY, Michael Fournier

Much welcomed rain came at the end of the week. Crops had been showing drought stress. Early corn is tasseling. Wheat harvest is continuing with variable yields. Double cropped soybeans are being planted.

CAMBRIA COUNTY, Dolly Little

Very little rain received this week. Rains have been very spotty with little moisture. Even the showers received in the area provided little relief. Corn is curling and grains are not developing in the oats.

CENTRE COUNTY, Dick Decker

Good week to continue with field work; 1/2" rainfall for the week.

CLARION COUNTY, Tom Tanner

The counties need rain. The hot temperatures and windy days are damaging the crops.

COLUMBIA COUNTY, John O Yocum

Getting dry in this area.

FRANKLIN COUNTY, Thomas Kerr

Good week for field work. Do need some rain to help the corn and soybeans. Some of the corn on shallow soils showing heat and moisture stress. Pastures have fallen off this week as well. Early corn now shooting tassel. Cherry harvest is nearly finished with some reporting poorest crop in years. We will soon start early peaches.

LEBANON COUNTY, Charlene Ziegler

The last couple weeks have been busy with barley, rye and wheat combining and straw baling. Double crop soybeans are being planted. Alfalfa continues to be harvested for silage and dry bales. The corn is getting tall and beginning to tassel even though the conditions are dry. Soybeans are doing well. A good day of rain would be very beneficial.

MERCER COUNTY, James P. Rust

We received no rain this week. The rains went north and south of central Mercer County. All crops are under extreme stress and most crops like corn, soybeans, and all vegetables by 2 o'clock show signs of stress by curling up of the leaves. Pastures growth is none to zero. Local sweet corn harvesting is still more than a week away. Red raspberry harvest is in full swing. Late sprayed corn and soybeans with roundup are showing signs of weed pressure. Many farmers top-dressed hay fields with fertilizer the past few weeks and have had no rain for fertilization activation.

SNYDER COUNTY, William C. Sheaffer

Rainfall early in the week ranged from zero to nearly three inches throughout the county, and one-half to one inch at the end of the week. Second cutting of hay is near completion with the third cutting starting off looking very good. Some spraying for leafhopper maybe necessary. Main activities were haymaking, harvesting wheat, baling straw, and spraying.

SUSQUEHANNA COUNTY, Willie Keeney

Lots of Patriotic hay being made around the county. Ground conditions are finally favorable for making dry hay.

UNION COUNTY, Glenn Spangler

Dry soil and weather conditions are showing up in wilted/curled corn, especially the later planted corn. Wheat harvest, straw baling, topdressing corn and herbicide spraying as well as some manure hauling on stubble fields have been occurring.

WESTMORELAND COUNTY, John Lohr

Some much needed rain fell on Friday, however, additional moisture is needed. Most of the week was excellent for harvest.

PA Crop Progress for Week Ending July 10, 2011

Crop	Current Week	Last Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn, silk	9	20	15
Corn average height, inches	53	56	52
Barley, harvested	95	97	92
Wheat, ripe	97	96	91
Wheat, harvested	68	83	54
Oats, heading or headed	89	97	94
Oats, turning yellow	11	61	36
Alfalfa, 2nd cutting	75	90	66
Timothy clover, 1st cutting	94	98	92
Timothy clover, 2nd cutting	13	20	13

PA Crop Condition for Week Ending July 10, 2011

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	24	53	17
Wheat	2	6	27	51	14
Oats	0	9	34	53	4
Soybeans	0	3	19	67	11
Alfalfa and alfalfa mixtures stand	2	2	14	63	19
Timothy clover stand	1	3	13	69	14
Quality of hay made	1	5	28	41	25
Pasture	15	14	27	39	5
Peaches	0	0	7	48	45
Apples	6	13	19	49	13

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