



Weekly Crop & Weather Roundup



Cooperating with the Pennsylvania Department of Agriculture
2301 N Cameron St, Rm G-19 · Harrisburg, PA 17110
(717) 787-3904 · (717) 782-4011 FAX · www.nass.usda.gov

Week Ending July 1, 2007

Issued weekly, April-November

Released July 2, 2007, 4 pm

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

Good week for Field Work: Many counties in Pennsylvania received some rain throughout the week. Although the showers were beneficial the crops across the state could use some more rain. These showers did give some relief to many dry fields. Many farmers are hoping that Independence Day will bring some showers for the upcoming week. Overall, 5 days were suitable for field work and principal farm activities included spraying soybeans, repairing machinery, rotating pastures, fixing fences, making hay, and harvesting barley.

PA Topsoil Moisture for Week Ending July 1, 2007

Very Short	Short	Adequate	Surplus
Percent	Percent	Percent	Percent
28	39	32	1

Crops: One hundred percent of Pennsylvania's corn crop is emerged, which is 6 percentage points ahead of the 5-year average. Corn height is now 40 inches, which is 7 inches taller than this time last year and 9 inches taller than the 5-year average. Conditions show that 63 percent of the corn crop is in good or excellent condition. Eighty-nine percent of the planted soybeans have now emerged. This is 7 percentage points behind this time last year, and 2 points higher than the 5-year average. Sixty-three percent of the soybeans are in good or excellent condition. Ninety percent of the emerged oats have now reached the heading stage. This is 10 points ahead of this time last year and 13 points ahead the 5-year average. Fifty-one percent of the oats are in good or excellent condition. Seventy-three percent of the winter wheat is in good or excellent condition, this is 11 percentage points below the previous week. Ninety-six percent of the headed wheat is now turning yellow. This is 3 points behind this time last year and 5 points ahead of the five year average. Ninety-eight percent of the headed barley is now turning yellow. This is 2 points behind this time last year. Ninety-two percent of the barley is now ripe. This is two percentage points behind this time last year and 5 points higher than the 5-year average. Sixty percent of the alfalfa standing is in good or excellent condition. Fifty-six percent of timothy hay standing is in good or excellent condition. Seventy-seven percent of the hay made was in good or excellent condition as 48 percent of the second cutting of alfalfa has been completed. Ninety-two percent of the first cutting of Timothy hay has also been completed.

Livestock: Pasture conditions last week did not improve from the previous week. Most fields are in desperately in need of a

good rain. Overall pasture conditions were reported as follows: very poor 28%, poor 21%, fair 29%, good 21%, and excellent 1%.

U.S. as of June 24, 2007: Temperatures averaged above normal nearly nationwide for the week. Areas west of the Rocky Mountains maintained the warm and dry weather favorable to winter wheat maturation, although water deprivation concerns heightened and irrigation continued. The southern portion of the Great Plains region received yet more rain, continuing to hamper harvest activities due to excessively soggy field conditions. The Ohio Valley and central and eastern Corn Belt received much needed rainfall which improved conditions for developing summer crops. Following beneficial showers early in the week, hot, dry weather returned to much of the Delta, Southeast, and Tennessee Valley renewing stress on pastures and rain-fed summer crops.

Corn: Four percent of the crop was at or beyond the silking stage, the same as last year and the 5-year average. The crop was most advanced in Texas, North Carolina, and Tennessee, where 41 percent or more was at or beyond the silking stage. Seventy-three percent of the crop was rated good or excellent nationwide, up 3 percentage points from the previous week.

Soybeans: Emergence advanced to 96 percent during the week, compared with 97 percent last year and 93 percent for the 5-year average. Progress stood at 100 percent in Minnesota, Nebraska, and Ohio, and was at or ahead of normal in all states except Kansas and Missouri. Blooming, at 6 percent, was the same as last year but 2 points ahead of the normal pace. Nationwide, the amount of the crop rated good or excellent increased 3 percentage points from last week, to 66 percent.

Winter Wheat: Growers have harvested 22 percent of their crop, 28 points behind last year and 14 points behind the 5-year average. The persistent wetness in the central and southern Great Plains has delayed winter wheat harvesting, where Texas, Oklahoma, and Kansas trailed behind normal by 28 points or more. However, harvest rapidly advanced in Illinois, Missouri, and North Carolina where producers reaped 31 percent or more of their crop during the week.

Small Grains: Barley heading advanced to 34 percent, compared with 31 percent last year and 23 percent for the 5-year average. Progress was at or ahead of normal in all States. Oat heading, at 74 percent, was 1 point behind last year but 9 point ahead of the normal pace. Heading advanced 29 points or more during the week in Ohio, South Dakota, Wisconsin, and Minnesota.

Weather Data For Week Ending July 1, 2007

Station	Last Week Weather Summary						April 1 - July 1, 2007					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	High	Low	Average	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Northwest												
Erie	87	52	72	4	0.01	1	6.03	-4.86	27	971	186	1,721
Franklin	91	49	71	4	0.40	2	9.72	-2.45	38	958	202	1,730
Meadville	88	51	71	5	0.53	2	7.03	-4.73	39	971	293	1,730
Mercer	90	48	70	3	0.34	1	9.85	-2.08	37	935	180	1,699
Springboro	87	46	69	-1	0.13	2	9.03	-1.47	47	820	20	1,553
Warren	88	47	70	3	0.08	1	9.58	-2.97	35	828	100	1,575
North Central												
Bradford Region	86	39	66	3	0.10	2	7.76	-4.91	40	656	152	1,349
Emporium	91	47	70	6	0.49	2	12.46	-0.21	37	864	291	1,626
Kane	88	47	67	5	0.41	2	10.08	-2.68	37	647	151	1,343
Laporte	92	47	69	2	1.09	3	9.71	-2.29	42	780	27	1,501
Lock Haven	94	50	73	4	0.08	2	7.49	-4.07	29	1,046	228	1,820
Port Allegany	88	47	68	4	0.30	2	8.81	-3.48	36	711	124	1,420
Renovo	90	48	71	3	0.39	1	9.61	-1.95	30	1,013	195	1,786
Ridgway	88	42	68	4	0.18	2	10.80	-1.87	39	728	155	1,462
Stevenson Dam	90	46	70	6	0.22	1	8.31	-4.36	31	905	332	1,664
Towanda	96	47	71	4	1.04	2	7.14	-2.84	38	844	77	1,571
Wellsboro	91	45	68	4	0.32	2	9.66	-0.24	34	729	201	1,433
Williamsport	97	53	75	5	0.79	2	6.60	-4.95	33	1,172	242	1,970
Northeast												
Hawley	92	40	69	4	1.07	2	9.92	-1.39	35	794	177	1,532
Wilkes-Barre/Sc	94	50	73	3	1.11	2	8.81	-1.92	33	1,034	167	1,811
Susquehanna	92	48	70	5	1.27	3	11.04	-0.87	38	822	234	1,558
West Central												
Butler	89	48	71	3	0.58	2	7.74	-4.04	33	962	164	1,732
New Castle	93	51	72	4	0.38	1	8.01	-2.74	33	1,035	236	1,816
Slippery Rock	92	50	71	5	0.42	2	11.45	-0.05	37	1,022	306	1,798
Central												
Altoona/Blair	90	50	71	2	1.04	3	8.88	-2.02	33	1,050	166	1,822
DuBois	87	46	70	2	1.54	2	11.52	-0.69	41	914	174	1,673
Lewistown	94	52	73	3	0.79	5	10.59	-0.92	34	1,093	115	1,877
Middletown	94	58	76	3	0.90	4	8.13	-3.34	27	1,344	229	2,153
Prince Gallitzi	90	43	69	4	0.38	1	8.77	-4.76	33	835	166	1,580
Selinsgrove	96	50	73	3	1.41	2	9.33	-2.37	29	1,048	153	1,823
State College	91	56	73	4	0.15	2	8.01	-2.69	32	1,115	249	1,893
East Central												
Allentown-Bethel	93	57	74	2	0.83	3	12.25	0.65	35	1,146	141	1,936
Lehighton	89	54	72	2	1.27	2	11.78	0.16	37	1,024	66	1,802
Matamoras	92	45	70	1	0.91	2	11.60	-0.68	34	879	27	1,641
Mt_Pocono	87	46	68	5	0.56	3	11.71	-1.21	40	805	281	1,535
Southwest												
Pittsburgh/Alle	90	54	72	3	0.58	2	9.28	-2.03	34	1,257	371	2,055
Derry	92	50	70	2	0.55	3	12.45	1.13	32	978	166	1,748
Myersdale	89	45	69	1	1.49	3	9.27	-3.13	36	728	-65	1,453
Mount Pleasant	90	50	71	4	0.82	3	10.54	-2.57	39	966	262	1,747
Pittsburgh Intl	90	55	73	3	0.47	2	8.72	-1.86	32	1,195	255	1,988
Connellsville	92	51	72	2	1.25	3	10.14	-2.22	38	1,137	167	1,930
Waynesburg	91	52	71	3	0.69	1	7.74	-3.64	34	1,032	179	1,818
South Central												
Biglerville	96	56	76	3	0.63	2	8.51	-2.22	26	1,221	116	2,023
Everett	87	46	69	-1	0.86	5	9.16	-1.20	35	835	-21	1,597
Hanover	95	52	75	3	0.35	3	7.81	-2.92	26	1,174	69	1,967
Harrisburg_AP	95	58	76	3	0.12	3	5.72	-5.75	22	1,295	173	2,107
South Mountain	88	52	72	3	0.56	3	9.84	-1.06	31	938	61	1,702
York	93	53	75	3	1.40	3	9.72	-1.99	30	1,150	41	1,950
Southeast												
Green Lane	93	57	74	4	1.19	3	12.69	1.52	36	1,165	219	1,956
Hamburg	94	55	74	5	0.48	2	13.93	0.34	31	1,220	379	2,017
West_Chester	94	58	74	2	1.67	4	14.97	2.42	28	1,135	46	1,922
Lancaster	94	56	75	4	1.43	5	10.53	-0.98	27	1,210	201	2,009
Neshaminy Falls	93	50	73	2	0.70	2	20.30	7.63	34	1,063	58	1,840
New Holland	93	55	75	3	1.55	5	12.75	1.24	30	1,252	243	2,044
Philadelphia	95	63	78	4	1.07	4	15.75	4.51	26	1,408	219	2,230
Philadelphia NE	95	60	77	3	0.54	4	16.47	5.23	32	1,373	184	2,195
Reading	94	56	75	4	1.15	4	12.26	-0.37	33	1,259	282	2,061
Valley Forge Na	97	53	75	1	0.75	4	14.58	2.92	36	1,157	-8	1,956
Willow Grove	92	56	75	4	1.06	3	15.18	2.51	37	1,228	223	2,025

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.

Copyright 2004: Agricultural Weather Information Service, Inc. All rights reserved.

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 a very hot and humid week of weather. Some sporadic thunderstorms came thru the county with only a few areas receiving any rainfall. We got less than 1 inch with all storms as of today (Friday). A steady beneficial rainfall is being received currently with overcast skies.

Corn planting is pretty much done due to lack of soil moisture. Some areas of the county the corn is really showing signs of drought and looking like pineapples. Soybeans seem to be taking the heat a little better. Corn and soybeans continue to grow with whatever moisture it can find. Sweet corn doesn't look good at all due to dry weather. Barley is about all harvested with ok yields being reported. Wheat harvest began this week with light test weight being reported. Today's rainfall will halt harvest for a few days. Wheat is turning off a nice yield.

Apples, peaches, sweet and tart cherries and other fruit crops look good to date. Rainfall will also help the fruit crops. Sweet cherries are being harvested. Some early peaches will soon be harvested the beginning/mid July.

Overall the crops are hanging in there in Adams County pulling all the moisture they can from the soil. Hopefully this rainfall we are receiving today will continue to be beneficial for all crops and soils in the county.

ADAMS COUNTY, Thomas Kerr - After a hot start to the week a cool front with some very beneficial rain was a welcome relief. Corn and beans are still doing well, but hay and pastures need more rain for any future cuttings. Wheat harvest began this week and yields are near normal. Barley harvest finished with yields slightly better than average but very high test weights. Good weather for the fruit. Tart cherry harvest began this week.

BUCKS COUNTY, Michael Fournier - Two nice rains last week have continued the very good growing conditions in this area. You have to look hard to find a poor corn stand. Wheat will be cut this week and most fields look good. Oats have not completely turned yellow yet. The first local sweet corn hit the stands last week. Even the dairymen have smiles on their faces this spring.

CAMBRIA COUNTY, Dolly Little - It's still very dry out there. There was very little rain and spotty showers this week. Crops are showing signs of stress. There may not be much of a second cutting of hay.

CENTRE COUNTY, Dick Decker - The corn looks good, but they need some rain to get good ear formation on corn. We received 1/2" of rainfall during the past week.

CRAWFORD COUNTY, Ron McCorkle (NRCS) - Extreme dry weather has made pasture conditions very poor. Some producers are feeding round bales to supplement pasture deficiencies. It has been excellent weather for making hay; however, farmers are hoping for a rain day to take a break and get equipment back in good repair.

DAUPHIN COUNTY, Paul H. Craig - This week the dry weather conditions continued. Scattered showers provided some moisture in the middle of the week. Overall the county received less than one half inch in most parts. Corn is showing stress during mid day. Some corn just starting to initiate tasselling. Forage harvest is increasingly short. Concerns were raised about potential for sufficient supplies. Potato leafhoppers continue to be a major problem.

FOREST COUNTY, Thomas Tanner - First crop hay is almost completely harvested. The dry weather has been a major concern. The yields are less than last year. The four county area second crop is very poor. Most farmers are clipping and leaving second crop and hoping for third. Oats appears to be short and heading out much earlier than in the past. Corn and soybeans are growing and appear to be well ahead of last year.

JUNIATA COUNTY, Dave Stetler - There were a couple of days of clouds and drizzle but not much rain.

LACKAWANNA COUNTY, John Esslinger - Recent rains have greatly improved soil moisture and crop potential.

MONTGOMERY COUNTY, Andrew Frankenfield - Thunderstorms pushed out the extreme heat by Thursday evening, but only provided around a half inch of rain to the area. Wheat is beginning to be harvested, soybeans are being sprayed and corn is growing rapidly. Most of the first cutting grass hay is complete and second cutting alfalfa. Japanese beetles are out in high numbers. Earliest conventional sweet corn is silking and pumpkins are looking good.

NORTHUMBERLAND COUNTY, Viola Pflieger - We have had 1.4 inches of rain in upper Northumberland County in the month of June. The ground is extremely dry. The rain showers seem to go around our area. The raspberries in the fence rows are small and some dried up. There are areas in the fields where the grain that was planted in May has not germinated.

SNYDER COUNTY, William C. Sheaffer - Storms on Tuesday brought rainfall in the range of one tenth to over one inch in some areas. However, the soil moisture level continues to decline with the wind and heat. The barley harvest is complete and the wheat is about to begin. The oats is ripening and is very short in the straw and will probably be low in yield and test weight. Much of the second cutting of hay is being made, with the quality being high and the yield low. The main activities for the week were spraying herbicides and making hay.

TIOGA COUNTY, Pamela Barnes - A brief rain storm in the area was much needed. Some areas received heavy showers while sprinkles in the rest of the area. Corn fields are looking good. Second cutting hay is very short and needs a good shower.

WASHINGTON COUNTY, Chuck Shrump - The rain this past week was a great help. Producers have told me that the second cutting of hay does not show much growth and they are hoping the rain can in time. The corn condition varies greatly within the fields in this county. Fields commonly will have three strips of corn that look excellent and on or two strips that show spotty plant population.

WESTMORELAND COUNTY, John Lohr - Widespread rainfall greatly improved all crops' conditions. Second cutting alfalfa is short and yields are light. Wheat harvest should begin next week.

PA Crop Progress for Week Ending July 1, 2007

Crop	Current Week	Last Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn, emerged	100	100	94
Corn average height, inches	40	33	31
Barley, turning yellow	98	100	98
Barley, ripe	92	94	87
Barley, harvested	72	63	62
Wheat, turning yellow	96	99	91
Wheat, ripe	51	65	41
Oats, heading or headed	90	80	77
Soybeans, emerged	89	96	87
Alfalfa, 2nd cutting	48	24	29
Timothy clover, 1st cutting	92	75	72

PA Crop Condition for Week Ending July 1, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	3	8	26	46	17
Wheat	0	2	25	55	18
Oats	2	17	30	46	5
Soybeans	1	10	26	47	16
Alfalfa and alfalfa mixtures stand	1	9	30	47	13
Timothy clover stand	2	9	33	48	8
Quality of hay made	1	3	19	50	27
Pasture	28	21	29	21	1
Peaches	0	0	1	50	49
Apples	0	0	1	50	49

ADDRESS SERVICE REQUESTED

OFFICIAL BUSINESS

United States
Department of Agriculture
 National Agricultural Statistics Service
 Pennsylvania Field Office
 2301 N Cameron St Room G-19
 Harrisburg PA 17110-9405

FIRST-CLASS MAIL POSTAGE & FEES PAID USDA PERMIT NO. G-38
