



NATIONAL  
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# WEATHER & CROPS



United States  
Department of  
Agriculture



**Week of: June 4 - 10, 2007**

**Number: 14**

**Released: June 11, 2007**

## CROP SUMMARY FOR WEEK ENDING JUNE 10, 2007

Scattered rainfall received over this past weekend has improved some crop conditions. However, more rainfall is needed across the Commonwealth. Days suitable for work were 5.9. Topsoil moisture was adequate. More corn and tobacco was side-dressed with nitrogen. Soybean planting continues. Small grain harvest is beginning. Hay cutting has resumed. Vegetable planting and harvesting also continues this week. Other farm activities this week include repairing equipment and bush-hogging fields.

TOPSOIL MOISTURE PERCENT				
Week Ending	Very Short	Short	Adequate	Surplus
June 10, 2007	19	33	46	2
June 3, 2007	13	32	53	2
May 27, 2007	10	47	43	0
May 20, 2007	5	25	66	4
May 13, 2007	2	28	68	2

**Due to budget constraints we have had to reduce the size and content of the weather table. Thank you for your understanding in this matter.**

### IN THIS REPORT:

Crop Condition Percent	pg 2
Crop Progress Percent, with comparisons	pg 2
Weather Summary Table	pg 3
Reporter Comments by County	pg 3, 4

<b>CROP CONDITION PERCENT</b>					
<b>Crop</b>	<b>Very Poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
Pastures	9	12	41	36	2
Livestock	1	6	23	60	10
Other Hay	11	19	36	32	2
Alfalfa Hay	6	14	34	39	7
Corn	1	5	39	47	8
Winter Wheat	3	8	24	53	12
Barley	1	8	28	57	6
Flue-cured Tobacco	4	8	22	53	13
Burley Tobacco	0	7	63	22	8
Dark fire-cured Tobacco	1	1	43	48	7
Peanuts	0	0	7	67	26
Cotton	0	0	14	62	24
Summer Potatoes	0	0	20	40	40
All Apples	2	4	40	53	1
Peaches	36	27	18	15	4
Grapes	0	13	38	49	0

<b>CROP PROGRESS PERCENT-WITH COMPARISONS</b>				
<b>Crop</b>	<b>This Week</b>	<b>Last Week</b>	<b>Last Year</b>	<b>5 Year Avg.</b>
Corn Emerged	97	91	97	94
Soybeans Planted	52	48	58	52
Soybeans Emerged	42	35	40	40
Winter Wheat Harvested	5	3	8	8
Barley Harvested	18	8	28	33
Burley Tobacco Transplanted	95	84	88	85
Cotton Squaring	4	0	9	7

## EASTERN

## VIRGINIA WEEKLY WEATHER SUMMARY FOR THE WEEK ENDING JUNE 10, 2007

City	Temperature						Growing degree days (modified base 50) 1/		Precipitation				
	Avg. max.	Avg. min.	High max.	Low min.	Avg.	Avg. dep. from normal *	Mar. 1 to June 2	Mar. 1 to June 2 normal *	Last Week	Since June 1	June 1 dep. from normal *	Year to date	Year dep. from normal *
Lynchburg	82	60	92	53	71	2	1180	1058	1.24	1.00	39	17.00	-2.10
Norfolk	86	67	95	61	76	4	1224	1146	1.96	2.00	113	13.87	-5.66
Richmond	86	65	95	59	76	5	1337	1179	1.14	1.00	33	16.48	-2.24
Roanoke	84	62	94	55	73	3	1351	NA	1.17	1.00	30	14.39	-4.79
Wash/Dulles	85	62	97	51	73	5	1139	NA	0.41	0.00	-59	11.72	-6.31

1/ Formula used: GDD = (daily maximum (86<sup>o</sup>) + daily minimum (50<sup>o</sup>))/2-50<sup>o</sup>; where 86<sup>o</sup> is used if the maximum exceeds 86<sup>o</sup> and 50<sup>o</sup> is used if the minimum falls below 50<sup>o</sup>.

\* Normal based on 1971-2000 data. Source: NCEP/NOAA Climate Prediction Center <http://www.cpc.ncep.noaa.gov>.

N.A. = not available. T = trace. Source: USDA, NASS, Virginia Field Office.

## REPORTER COMMENTS BY COUNTY

Comments are based on comments reported by extension agents, farmers, commodity specialists, and other knowledgeable individuals.

## WESTERN

**HIGHLAND (Rodney Leech)**

Rains last week have helped. However, except for Sunday they were very scattered throughout the county. Hay cutting has resumed. Yields continue to be off by 20-60%. At this point winter feed supplies will be short even if adequate rainfall is received from here on out. Pastures are beginning to show definite growth reduction from dry weather. Fall calves are being pulled early and sent to market due to dry conditions.

**ROCKBRIDGE (Jon Repair)**

Hay making is in full swing. Yields are normal to slightly below average. Most hay is not as high as normal, but thick. Corn is in very good condition and ahead of normal season. Spotty thunder showers are keeping conditions lush in most pastures with a few exceptions.

## CENTRAL

**APPOMATTOX (Bruce Jones)**

Pastures and hayfields are showing little growth in areas that have not benefited from recent rains.

**CAROLINE (McGann Saphir)**

Farmers have finished full-season soybean planting and are waiting for barley and wheat to ripen and be harvested. Some early barley has been harvested. Late planted corn is being side-dressed with nitrogen and farmers are scouting for corn borer or other insect problems. Scattered rains have brought relief to some areas of the county, but soil moisture is becoming limited in many cornfields where corn is showing daily signs of stress. Rainfall received over the past weekend improved both crops and producer outlook. Farmers continue to conduct routine maintenance on equipment, get combines ready for small grain harvest and complete repairs on haying equipment. Tobacco producers are cultivating and applying side-dress fertilizer. Soybeans and some roundup ready corn have received a spray application of glyphosate.

**ACCOMACK (Jim Belote)**

Two inches of rain or more fell in most areas, which was a crop saver. Crops were starting to be highly stressed and rain arrived just in time. Wheat is starting to turn or has turned color and is heading toward harvest. Most of the soybeans will be double cropped. Tomato crop is in good shape but may be a few days later than usual for harvest. No cucumbers or cotton planted this year that we know of. Snap beans are looking pretty good so far. Farmers are applying nitrogen to corn as a side-dress. Fertilizer companies report high nitrogen use, mostly due to higher corn acreage. So far a fairly good crop year except for recent dry spell that may have cost farmers some profit due to the need for irrigation and high fuel prices.

**WESTMORELAND (Sam Johnson)**

Slightly over an inch of rain on Sunday and Monday improved the look of all crops, especially corn. The weather has been dry and warm this week so crops are starting to look stressed again. More corn was side-dressed with nitrogen this week and a few more full season beans were planted. Barley harvest started with a few fields this week and should be in full swing next week. Early vegetable harvest continued and more vegetables were planted. Irrigation continued where available on vegetables.

## SOUTHWESTERN

**WYTHE (Joseph W. Massey)**

Wythe County received some much needed rain this past week, and could benefit greatly from more. Hay crop reports are about 30-50% below last years yields on first cutting. Soil moisture levels are still low, but improving. A storm last Thursday dropped some hail in some areas of the county, but little damage has been reported. Pastures are thin but slowly improving in many areas.

## REPORTER COMMENTS BY COUNTY (continued)

### SOUTHWESTERN (continued)

#### LEE (Harold Jerell)

Pasture and crop conditions continue to deteriorate. Near Rose Hill, only 0.85" of rain has fallen since April 15. Spotted showers occurred in parts of the county this past week. In some cases the soil is so dry seeds are not germinating.

### SOUTHEASTERN

#### SURRY (Glenn Slade)

Showers last week helped with soybean germination but also caused wheat to lodge. Some soybeans planted during the dry spell are being replanted. Small grain harvest is beginning and hay cutting is progressing well.

#### VIRGINIA BEACH (Cal Schieman)

Soil moisture from last week's rain allowed farmers to restart planting soybeans. Almost all non-wheat beans planted; the few remaining acres will be planted this week. Farmers are preparing to harvest wheat which should begin next week. Strawberry harvest continues as 80 - 85 degree daytime temperatures allow plants to continue producing. The variety Sweet Charlie is producing an especially heavy late crop with large berries for this time of year.

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