



NATIONAL  
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United States  
Department of  
Agriculture

# WEATHER & CROPS



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## WEATHER CONDITIONS AND CROP SUMMARY FOR JUNE 1, 2014

It was a good week for fieldwork in the Old Dominion. Overall, temperatures were about 2 to 5 degrees warmer than normal for this time of year; however, there were a few days where temperatures were unseasonably cool. Rainfall varied by location, most of Virginia experienced 0.17 of an inch to over 1.5 inches of precipitation. A few places experienced flooding with some minor damage to low lying crops. Days suitable for fieldwork were 5.0. The hay harvest was well underway. The majority of hay was in fair to good condition; a cold and wet spring contributed to the poorer quality. Corn plantings neared completion. Due to the cold and wet spring, corn was replanted throughout parts of the State. Most of Virginia's full season soybeans were planted. Growers were planting late season beans behind the harvested small grains. Other farming activities for the week included applying fertilizer, spraying herbicides, transplanting tobacco, managing U-Pick strawberry operations, and preparing for Farmers Markets.

### TOPSOIL MOISTURE PERCENT

Week Ending	Very Short	Short	Adequate	Surplus
June 1, 2014	1	14	68	17
May 25, 2014	1	12	70	17
May 18, 2014	1	9	69	21
May 11, 2014	0	11	72	17

### SUBSOIL MOISTURE PERCENT

Week Ending	Very Short	Short	Adequate	Surplus
June 1, 2014	1	11	73	15
May 25, 2014	1	7	78	14
May 18, 2014	1	8	74	17
May 11, 2014	0	7	79	14

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Virginia State University



VIRGINIA STATE UNIVERSITY

<b>CROP CONDITION PERCENT</b>					
<b>Crop</b>	<b>Very Poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
Winter Wheat	0	2	15	73	10
Barley	4	4	25	63	4
Oats	1	2	32	58	7
Corn	0	2	29	55	14
Tobacco, Greenhouse	1	1	30	57	11
Tobacco, Plantbeds	0	0	30	69	1
Tobacco, Flue-Cured	0	0	43	34	23
Tobacco, Fire-Cured	0	1	4	89	6
Tobacco, Burley	0	0	67	31	2
Cotton	0	0	0	99	1
Peanuts	0	0	0	89	11
Livestock	1	3	25	63	8
Pasture and Range	2	8	36	48	6
Hay, Alfalfa	0	4	46	45	5
Hay, Other	1	7	41	48	3
Potatoes, Summer	0	0	0	98	2
Apples, All	1	1	46	52	0
Grapes, All	0	9	31	54	6

<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>
Cotton Planted	89	83	97	98
Peanuts Planted	88	65	95	93
Corn Planted	92	82	95	95
Corn Emerged	85	65	85	86
Soybeans Planted	39	26	47	44
Winter Wheat Headed	97	90	99	100
Winter Wheat Harvested	13	2	n/a	n/a
Barley Harvested	31	15	n/a	n/a
Oats Harvested	14	7	12	n/a
Flue-Cured Tobacco Transplanted	92	86	92	95
Fire-Cured Tobacco Transplanted	81	68	82	86
Burley Tobacco Transplanted	68	51	37	62

City	Temperature						Growing degree days (modified base50)		Precipitation				
	Avg. max.	Avg. min.	High max.	Low min.	Avg.	Avg. dep. from normal *	Mar 1. To May 31	Mar. 1 to May 31 Norm	Last Week	Since Mar. 1	Mar. 1 dep. from normal *	Jan. 1 to date	Jan. 1 dep. from normal *
Lynchburg	80	58	87	51	69	3	992	879	0.20	12.31	0.92	19.40	1.44
Norfolk	80	62	92	57	71	2	1037	948	1.27	13.34	2.13	19.64	1.12
Richmond	82	60	92	55	71	3	1104	989	0.35	9.73	-1.45	16.04	-1.78
Roanoke	83	62	89	52	72	5	972	n/a	0.17	9.31	-2.32	15.58	-2.32
Wash/Dulles	78	55	87	50	67	2	777	n/a	1.64	17.98	7.02	24.48	7.72

### VIRGINIA WEEKLY WEATHER SUMMARY FOR THE WEEK ENDING JUNE 1, 2014

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

#### FREDERICK (Jeanette Smith)

Weather has been cool this week, with rainfall off and on all week. Hay is being harvested. Corn is almost finished and soybeans are getting in the ground.

### WESTERN

#### AMELIA (Joan Poore)

Cooler temperatures held the moisture in for Thursday and Friday. Temperatures around 70 to 74 degrees both days. The report of soybeans planted, refers to total acres. I would estimate 95% of early (full-season) soybeans are complete and 30% if double crop soybeans are planted.

#### AMHERST (John Benner)

11 days of sunshine in past week and a half have made haymaking at harvesting of cover crops, and planting of beans and corn go into full gear.

#### APPOMATTOX (Bruce Jones)

Hay harvest has progressed at a rapid rate related to excellent weather. We need rain for the row crops.

#### CAROLINE (Mike Broaddus)

All crops looking good except corn. The last 2 -3 rainfalls were hard and with much precipitation. Part of the nitrogen in the soil lost to leaching. Corn is showing signs of lack of nitrogen, especially in sandier soils. Also, lack of warm weather has kept the soil temperature lower than optimum for good corn plant growth.

#### CHESTERFIELD (Joan Poore)

A light rain and cooler temperatures Thursday & Friday. While it was not a great deal of rain, the cloudy overcast kept the moisture around. Not ideal hay cutting weather, but most of that was done the week before.

#### HANOVER (Jim Tate)

2 inches of rain mid week with a downpour and then drizzle for 36 hours. At least no new flooding this time. Replanted corn in drowned out areas is emerging pretty well. Small grain is turning pretty consistently across the county; still small in stature but heads look pretty decent. Good bit of hay made before the rain, most of it without getting wet. Stands are thinner and weedier this year than normal as a result of the winter.

#### HENRICO (Kilby Majette)

Some areas of Henrico County had some hail damage to corn a couple of week ago.

### CENTRAL

#### ESSEX (Keith Balderson)

Beneficial rains fell during the week, but amounts were variable. Producers were busy side-dressing corn with nitrogen and applying post-emergence herbicides to the crop. Producers finished up planting full season soybeans.

#### GLOUCESTER (David Moore)

Soybean planting continues, corn side-dressing continues, and field prep for soybeans. Wheat and barley fading fast. Barley harvest about 10 days off. Veggies look good. Squash is blooming, so are tomatoes.

## **SOUTHWESTERN**

### **CARROLL (Steve Pottorff)**

Conditions continue to be dry.

### **SCOTT (Scott Jerrell)**

Hay appears to be 40 to 50% less than normal for first cutting. Rain has been spotty, but heavy. Strawberries and vegetables still looking good, with a few more weeks picking projected.

## **SOUTHEASTERN**

### **BRUNSWICK (Cynthia Gregg)**

Spotty storms caused some minor flooding. Standing water has done some damage to various crops in fields. Hay is being cut. Small grains are heading and beginning to dry. Full season soybeans are emerging nicely. Corn is growing well.

### **CHESAPEAKE CITY (Watson Lawrence Jr.)**

Showers this week have improved crop conditions. Soybeans are being planted heavily in good soil conditions. Wheat is progressing well with few pest or disease problems. Corn continues to struggle with thin unbalanced stands and replanted acres due to cold wet spring. Strawberry U-pick farms are having a good season.

### **PRINCE GEORGE (Scott Reiter)**

Showers late in the week slowed field work some with rainfall from 0.1 to over 1 inch reported. Other activities included side-dressing corn, applying herbicides to peanuts and corn, and making some preparations for small grain harvest. Some corn was replanted this week due to severe hail damage from the May 22 storm and drowned out spots from rains earlier in May.

### **SUSSEX (Kevin Wells)**

Some rain fell this week and it was needed. Herbicide applications continue in cotton and burn-down applications for no-till soybean. Some have top-dressed corn nitrogen. Small acres of corn around the Waverly area did receive damage from recent hail from storms about three weeks ago, but corn is recovering.