



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE



WEATHER & CROPS



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WEATHER CONDITIONS AND CROP SUMMARY FOR JUNE 22, 2014

It was a hot week for Virginia. Temperatures were about 5 degrees above normal for this time of year, with highs in the 90s to 100s. The Old Dominion received some scattered showers towards the end of the week, which brought relief to the planted crops. For the parts of Virginia that missed the recent rainstorms, dry conditions were a concern. Days suitable for fieldwork were 5.1. The first cutting of hay neared completion, and growers were applying fertilizer in preparation for the second cutting. Several counties in Virginia expected a significant decrease in the hay yield this year due to the adverse spring weather. Hay quality was also a concern. Soybean plantings made good progress; single crop soybean plantings neared completion and double crop beans were being planting behind the harvested small grains. Other farming activities for the week included side-dressing flue-cured tobacco, applying post-emergence herbicides, and selling local vegetables at Farmer Markets.

TOPSOIL MOISTURE PERCENT

Week Ending	Very Short	Short	Adequate	Surplus
June 22, 2014	4	25	61	10
June 15, 2014	4	22	64	10
June 8, 2014	3	23	65	9
June 1, 2014	1	14	68	17

SUBSOIL MOISTURE PERCENT

Week Ending	Very Short	Short	Adequate	Surplus
June 22, 2014	3	23	69	5
June 15, 2014	2	19	70	9
June 8, 2014	2	17	75	6
June 1, 2014	1	11	73	15

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**Virginia Cooperative Extension
Service**

Virginia Tech

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VIRGINIA STATE UNIVERSITY

CROP CONDITION PERCENT					
Crop	Very Poor	Poor	Fair	Good	Excellent
Winter Wheat	0	2	17	73	8
Barley	1	3	27	66	3
Oats	1	3	33	56	7
Corn	0	2	24	64	10
Soybeans	0	1	23	70	6
Tobacco, Flue-Cured	1	1	33	38	27
Tobacco, Fire-Cured	0	3	22	66	9
Tobacco, Burley	1	1	46	45	7
Cotton	0	0	0	96	4
Peanuts	0	0	3	89	8
Livestock	1	3	19	66	11
Pasture and Range	2	11	33	48	6
Hay, Alfalfa	0	4	37	55	4
Hay, Other	1	8	36	51	4
Potatoes, Summer	0	0	1	99	0
Apples, All	1	1	40	58	0
Grapes, All	0	8	27	59	6

CROP PROGRESS PERCENT – WITH COMPARISONS				
Crop	This Week	Last Week	Last Year	5 Year Avg.
Cotton Squaring	20	5	25	24
Peanuts Pegging	17	10	0	11
Corn Silking	7	1	9	14
Soybeans Planted	64	56	67	74
Soybeans Emerged	54	48	57	60
Winter Wheat Harvested	40	29	31	49
Barley Harvested	62	48	n/a	n/a
Oats Harvested	52	40	53	n/a
Potatoes Summer Harvested	6	0	9	9
Burley Tobacco Transplanted	98	89	80	95

VIRGINIA WEEKLY WEATHER SUMMARY FOR THE WEEK ENDING JUNE 22, 2014

City	Temperature						Growing degree days (modified base50)		Precipitation				
	Avg. max.	Avg. min.	High max.	Low min.	Avg.	Avg. dep. from normal *	Mar 1. To June 21	Mar. 1 to June 21 Norm	Last Week	Since June 1	June 1 dep. from normal *	Jan. 1 to date	Jan. 1 dep. from normal *
Lynchburg	89	64	95	55	76	5	1473	1312	0.96	1.90	-0.63	22.92	2.28
Norfolk	89	71	97	65	80	5	1570	1425	0.60	1.88	-0.62	21.51	0.63
Richmond	91	69	97	58	80	6	1631	1447	0.38	3.33	0.94	19.37	-0.80
Roanoke	90	67	94	54	78	6	1474	n/a	0.58	2.68	0.13	18.26	-2.25
Wash/Dulles	84	64	91	51	74	3	1230	n/a	0.15	4.61	1.68	28.96	9.26

* 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.

NORTHERN

FREDERICK (Jeanette Smith)

Temperatures in the 90-100 range. Thunderstorms off and on all week. More rain in forecast for the weekend.

CENTRAL

AMELIA/CHESTERFIELD (Joan Poore)

Much needed showers arrived Thursday evening and Saturday pm. Showers were scattered, reports of .20 to 1.8 tenths. With the high temperatures early last week, the showers helped the corn and soybeans. All early soybeans are 100% planted, most soybeans behind barley are complete, waiting to complete wheat harvest for double crop soybean report.

AMHERST (John Benner)

Summer conditions and hot weather prevalent. Topsoil moisture diminishing. Forage and grass production has not slowed substantially as of yet. Fertilization for second cuttings of hay nearing completion.

FLUVANNA (John Thompson)

Recent thunderstorms have been helping to alleviate dry conditions that had been worsening slowly over the last few weeks. More is needed. Hay and pasture have been very good this spring, but spring rains and cool temps have caused a lot of late hay making. Quality of hay from first cutting will not be optimal in many cases.

HANOVER (Jim Tate)

Another rainy week. Every time it starts to dry out we have another thunderstorm that brings a half inch of rain. Storm Thursday was intense with a good bit of scattered damage from wind. Just over an inch of rain in two events at my house last week. Hot weather has made the corn jump. Beginning to see a few tassles in places. Hay crop yield reports are mixed from good to very good, but timing on most hay was late so much of it was very mature. Decent hay re-growth as well with the rain;

CENTRAL, continues

the cool seasons have not yet shut down. Good pasture re-growth where there is any attempt at pasture management. Beginning to see some fields of small grain harvested. Saw a double crop soybean planter in the field this morning.

HENRICO (Kilby Majette)

With the high temperature this week and before the rain, some of the corn was showing some stress in the field due the weather.

EASTERN

ESSEX (Keith Balderson)

The weather was hot early in the week followed by stormy and showery weather from Thursday through Saturday. Farmers finished barley harvest and had a couple of good days for wheat harvest. Early wheat yields appear to be about average overall. Producers also planted double-crop soybeans and treated full-season soybeans with post-emergence herbicides.

GLOUCESTER (David Moore)

Storms came through area this week and gave some relief from heat, dropping anywhere from 3 tenths to an inch of rain. Wheat harvest continues. Yields are good to very good and test weight, for now is very good. Soybeans going in as fast as possible. Corn looks good, not a lot of even stands, but crops look good and will be needing rain often for a while. Some tasseling beginning in some early corn. Most early soybeans have been planted and look good. First cut hay is about over and yields and quality were good. Sweet corn is tasseling and looks good, squash is setting fruit and tomatoes, peppers, okra are growing. Not much harvested yet. Cantaloupes are coming on. Should be no problem for July 4th.

SOUTHWESTERN

GRAYSON (Kevin Spurlin)

Western sections of the county received spotty showers through the week. Southeastern sections are extremely dry at the surface, and the hottest weather of the season is beginning to stress forage crops.

SCOTT (Scott Jerrell)

Thunder storms have limited the amount of field work being done. Hay making has been slow also with yields 40 to 50 percent of normal due to cold spring. Vegetables doing well with strawberry picking complete, summer squash in full swing, and green beans coming on strong.

WASHINGTON (Phil Blevins)

Rains late in the week helped tremendously. However, pastures are short and the hay crop may be as much as 40% short.

SOUTHERN

FRANKLIN (Cynthia Martel)

Conditions in Franklin County are hit or miss for rain. Places are very dry. Crops are in, corn enjoying the little rain and hot temperatures.

LUNENBURG (Lindy Tucker)

We got a little rain this past week, but things are still pretty dry. Corn has been curling and beans haven't really done much due to lack of rain. Earliest tobacco started heading out too short, but overall tobacco looks good. Animals are slick and healthy, though the grass is not growing like it needs to be and pastures will likely be overgrazed if we don't get more rain. The hay is so-so, most everyone has finished first cutting. Wheat harvest is beginning.

SOUTHEASTERN

BRUNSWICK (Cynthia Gregg)

This week temperature soared; cattle took to shade mid-morning and stay there until late afternoon. Some spotty showers in some areas even produced some hail mid-week. Crops are still looking pretty good. Combining of small grains is going full force, with several producers planting double crop soybeans as soon as they can. We are seeing fire blight in trees as well as fruit trees showing disease pressure.

CHESAPEAKE CITY (Watson Lawrence Jr.)

Good soil moisture from weekend storms has crops growing at rapid pace this week. Wheat harvest has begun and most early season soybeans are planted. Farm Markets now seeing first summer produce of the season. Strawberry u-picks have closed after a very good season. Weather during May was ideal for strawberry U-pick farms.

SURRY (Glenn Slade)

Showers have slowed small grain harvest, but we need the moisture for other crops. Cotton, corn, peanuts, and soybeans are growing well.

SUSSEX (Kevin Wells)

Scattered showers moved through parts of the area providing some relief to our crops and help with late soybean plantings. Wheat harvest is underway and yields are reporting to be good. Growers are applying herbicides to cotton, planting doubled-crop soybean, and side-dressing flue-cured tobacco.

VIRGINIA BEACH CITY (Roy D. Flanagan)

Much needed rain came at the end of the week and brought wheat harvest to a halt for a few days.