



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA/NASS/Virginia Field Office
P.O. Box 1659
Richmond, VA 23218-1659
Phone (804) 771-2493
<http://www.nass.usda.gov/va>

WEATHER & CROPS



Week Ending: June 12, 2011

Number: 14

Released: June 13, 2011

WEATHER CONDITIONS AND CROP SUMMARY FOR WEEK ENDING JUNE 12, 2011

Dry conditions allowed the continued harvest of first cutting hay to progress rapidly. A few rainstorms swept across the state with insignificant amounts of rain. Days suitable for fieldwork were 6.2. In some areas the scorching hot and dry temperatures caused stress to the corn and soybean crop but allowed farmers to combine barley and harvest hay. A few areas reported hard, dry soil conditions which slowed or stopped double crop soybean planting. As a result of the high temperatures, wheat harvest is much earlier this year than last. In some areas, Tomato Spotted Wilt Virus has been found in tobacco and thrip damage has been a problem for late and replanted cotton. Vegetable growers are harvesting greens and preparing to harvest tomatoes.

TOPSOIL MOISTURE PERCENT

| Week Ending | Very Short | Short | Adequate | Surplus |
|---------------|------------|-------|----------|---------|
| May 15, 2011 | 2 | 9 | 73 | 16 |
| May 22, 2011 | 0 | 9 | 69 | 22 |
| May 29, 2011 | 2 | 20 | 69 | 9 |
| June 5, 2011 | 7 | 40 | 51 | 2 |
| June 12, 2011 | 11 | 33 | 55 | 1 |

SUBSOIL MOISTURE PERCENT

| Week Ending | Very Short | Short | Adequate | Surplus |
|---------------|------------|-------|----------|---------|
| May 15, 2011 | 2 | 13 | 74 | 11 |
| May 22, 2011 | 0 | 14 | 74 | 12 |
| May 29, 2011 | 2 | 24 | 70 | 4 |
| June 5, 2011 | 3 | 32 | 63 | 2 |
| June 12, 2011 | 6 | 37 | 56 | 1 |

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 |

Virginia Cooperative Extension Service

Virginia Cooperative Extension

A partnership of Virginia Tech and Virginia State University www.ext.vt.edu

Virginia Tech



Invent the Future

Virginia State University



VIRGINIA STATE UNIVERSITY

| CROP CONDITION PERCENT | | | | | |
|-------------------------------|------------------|-------------|-------------|-------------|------------------|
| Crop | Very Poor | Poor | Fair | Good | Excellent |
| Pasture | 1 | 10 | 30 | 50 | 9 |
| Livestock | 0 | 3 | 18 | 61 | 18 |
| Hay, Other | 1 | 8 | 25 | 54 | 12 |
| Hay, Alfalfa | 0 | 1 | 14 | 72 | 13 |
| Corn | 0 | 10 | 30 | 54 | 6 |
| Soybeans | 1 | 4 | 36 | 52 | 7 |
| Winter Wheat | 0 | 1 | 17 | 66 | 16 |
| Barley | 0 | 1 | 17 | 66 | 16 |
| Oats | 0 | 0 | 25 | 72 | 3 |
| Tobacco, Flue-cured | 0 | 0 | 32 | 53 | 15 |
| Tobacco, Burley | 0 | 0 | 50 | 43 | 7 |
| Tobacco, Dark Fire-cured | 0 | 0 | 50 | 49 | 1 |
| Peanuts | 0 | 0 | 5 | 80 | 15 |
| Cotton | 0 | 0 | 7 | 78 | 15 |
| Summer Potatoes | 0 | 0 | 99 | 1 | 0 |
| Apples, All | 0 | 0 | 12 | 68 | 20 |
| Peaches | 0 | 2 | 35 | 55 | 8 |
| Grapes | 0 | 0 | 40 | 59 | 1 |

| CROP PROGRESS PERCENT – WITH COMPARISONS | | | | |
|---|------------------|------------------|------------------|--------------------|
| Crop | This Week | Last Week | Last Year | 5 Year Avg. |
| Corn Silked | 17 | 0 | 2 | N/A |
| Soybeans Planted | 56 | 49 | 68 | 57 |
| Soybeans Emerged | 42 | 37 | 55 | 45 |
| Burley Tobacco Transplanted | 84 | 70 | 95 | 93 |
| Peanuts Planted | 100 | 100 | 99 | 99 |
| Cotton Planted | 100 | 100 | 100 | 100 |
| Cotton Squaring | 25 | N/A | 1 | 3 |
| Winter Wheat Harvested | 30 | 9 | 18 | 10 |
| Barley Harvested | 50 | 30 | 46 | 33 |

VIRGINIA WEEKLY WEATHER SUMMARY FOR THE WEEK ENDING JUNE 12, 2011

| 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 Jun. 11 | Mar. 1 to Jun. 11 normal | Last Week | Since Jun. 1 | Jun. 1 dep. from normal * | Jan. 1 to date | Jan. 1 dep. from normal * |
| Lynchburg | 90 | 63 | 97 | 58 | 77 | 8 | 1267 | 1100 | 0.14 | 0.14 | -1.26 | 14.93 | -4.45 |
| Norfolk | 89 | 70 | 98 | 66 | 80 | 8 | 1467 | 1191 | 2.88 | 2.88 | 1.59 | 14.88 | -4.96 |
| Richmond | 92 | 67 | 98 | 62 | 80 | 9 | 1445 | 1224 | 1.14 | 1.14 | -0.15 | 16.96 | -2.09 |
| Roanoke | 90 | 66 | 96 | 61 | 78 | 8 | 1303 | NA | 1.29 | 1.29 | -0.09 | 17.66 | -1.74 |
| Wash/Dulles | 90 | 66 | 97 | 61 | 78 | 10 | 1202 | NA | 0.01 | 0.02 | -1.98 | 17.66 | -0.73 |

* 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

CLARKE (Jacob Grove)

Dry spell is allowing for some great haymaking and harvest conditions.

FAIRFAX (Adria Bordas)

It has been extremely hot and humid recently causing difficulty working outside.

FREDERICK (Jeanette R. Smith)

High temperatures. Starting to get dry.

PRINCE WILLIAM (Paige Thacker)

We have been caught in a cycle of extreme temperatures and significant rainstorms. Although it has been drier in the past few weeks. Hay cutting is beginning. Melons and cantaloupes have been planted and seem to be doing well despite geese feeding

WESTERN

AUGUSTA (Jason Carter)

Some hail damage to corn in Bridgewater/Mt. Crawford area noted on June 10, 2011 from storm on June 9th.

ROANOKE (Sheri Dorn)

Weekly precipitation = 1.34". Rain has been very localized and sudden downpours that run off; dry spots exist throughout the county. Temperatures elevated above seasonal averages. Stink bugs are a frequent complaint.

ROCKBRIDGE (Tom Stanley)

A week of hot dry weather allowed the harvest of first cutting grass hay to progress rapidly. A few spotty thunderstorms crossed the area but were insufficient to prevent a significant decline in topsoil moisture.

CENTRAL

AMELIA (Joan D Poore)

What a week! June 6 - 10 it was scorching hot and dry. Good for combining barley and hay harvest. A stressful week on corn and soybeans with the dry and hot weather. To end the week, Saturday June 11, severe thunderstorms with high winds came through parts of the county. Again only parts of the county received rain. Reports of none and up to 3 inches fell in a very short period of time. No crop damage from the storm known. Sunday June 12, another storm passed through. Areas that did not get any rain from Saturday reported receiving .2 to .7 tenths of rain. Forecast is to be a pleasant week for temperatures. A welcomed relief from last week.

CENTRAL (continued)

APPOMATTOX (Bruce Jones)

High temperatures last week caused many crops to suffer. Wheat harvest this year is much earlier than normal. Tobacco cultivation continues and some insect (worm) problems are starting to exist. Rain came over most of the county yesterday (12th) which will help all of the planted crops. Most of the first cutting hay is finished.

CAROLINE (McGann Saphir)

It's been hot and dry this week. Great conditions for cutting barley, and making hay, but not good for corn and beans that are in early stages of growth. Corn has been especially stressed. We did get a few tenths of an inch of rain late in the week. However we will need some rain every week to keep the crop on track for a good season. Vegetable farmers are still harvesting greens such as Swiss chard and kale, but yellow crook neck and zucchini squash is coming in strong. Early planted tomatoes are very nearly ripe and ready to harvest.

CHESTERFIELD (Joan D Poore)

June 6 - 10 was a scorching hot dry week for spring planted crops. Good for hay and small grain harvest. Saturday evening most of the area received much needed rain (in the form of severe storms), no crop damage to report. Again Sunday afternoon a storm passed through parts of the county. Rainfall was scattered over the weekend, receiving 1/2 inch to 1 and 1/2 inches of rain. The forecast for the upcoming week should be pleasant temperatures. A welcome change from last week.

HANOVER (Jim Tate)

Hot, humid, muggy weather all week. Thunderstorms have been hit and miss and in western Hanover it has been mostly miss. Small grain harvest is well under way with most barley harvested and a good start on wheat harvest. Many fields being straw baled right behind the combines. Straw market must be rebounding.

EASTERN

KING GEORGE (John Howe)

This past week was hot and dry. Three days with high temperatures of 90°F or greater and less than 9/10 inch of rain observed. Corn is showing definite signs of heat and drought stress. The lack of rain has delayed the germination and in some cases planting of soybeans. On the positive side most of the first cutting of hay has been finished and barley harvest is well underway.

REPORTER COMMENTS BY COUNTY (continued)

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

EASTERN (continued)

ESSEX (Keith Balderson)

Reported rainfall amounts of .5 inch to 2 inches Friday through Sunday will help to reduce the stress on the corn crop for now. Barley harvest is complete, and it was a very good crop. Wheat harvest has begun with very good yields reported. Some post-emergence herbicide applications to soybeans were also made during the week.

MIDDLESEX (David Moore)

Barley and wheat harvest is very good to excellent. Quality is very good. Ground is dry; corn is looking bad and twisted. Soybean planting has stopped until we get rain. Irrigation on vegetables is to maintain and not much more due to the heat. Need relief from heat and drought soon.

RICHMOND

Rainfall over the weekend yielded varying amounts of rain, all was desperately needed, too many left wanting more.

SOUTHWESTERN

BLAND (Jim Atwell)

This week had some areas with extreme amounts of rainfall in some very short time periods resulting in some localized flooding. Hot temperatures prevailed during this week.

GRAYSON (Kevin Spurlin)

Above average temperatures and adequate moisture has corn crop 2-3 weeks ahead of schedule, but the ground was drying fast. Late week rain brought some needed moisture and gave hay mowers a much needed rest from a feverish early summer pace. Hay yields and drying conditions were very good for nearly 3 weeks.

SCOTT (Scott Jerrell)

Scattered showers have passed through this week, relieving some areas. High temperatures have negated much of the rainfall, however.

SMYTH (Andy Overbay)

Oppressive heat has burned away much of our reserve moisture; however, spotty heat showers and storms have replenished much of the water supply over a widespread area of the county.

SOUTHEASTERN

BRUNSWICK (Cynthia L. Gregg)

Spotty storms last week dropped rain quickly, quite a bit did not soak in but ran off. Tobacco was laid by last week. Harvesting of small grains continued. The planting of double crops continued as well last week. Hay harvest yielded more bales than expected but it needs to be tested for quality. High temperatures were hard on crops and livestock alike last week. A couple of fires in or potentially caused by combines or trucks were reported.

DINWIDDIE (Mike Parrish)

Strip-till tobacco this year is performing ahead of our conventionally planted. It has tolerated the early dry conditions better. Some Tomato Spotted Wilt Virus has been found in tobacco and thrip damage is still a problem in late planted/replanted cotton. Wheat is picking anywhere from 70 to 90+ bu/acre., and Barley was around 80+ bu/acre.

SOUTHAMPTON (John Rudy)

Rains over the weekend were much needed. Most all the county got some rain. Although it varied from just less than an inch to 2.5 inches. Wheat harvest is in progress with late beans being planted now that we have had some rain. Corn is doing well with the recent rain. Pastures are improving.

SURRY (Glenn Slade)

Barley harvest is almost complete with very good yields, 80 to 100 bu/acre. Wheat yields also look good 70 to 90 bu./acre. Some of the early soybeans that were planted in dry ground are being replanted, but recent showers have kept other crops growing.

SUSSEX (Kelvin Wells)

Dry field conditions continue along with hot weather. Crops are holding their own but some moisture would be good at this time. Crops are still young and we would like to see it dry early than late. Wheat harvest is underway with quality and yields reported as very good. Nitrogen applications has started on cotton as warm weather has increased cotton growth and do to dry field conditions soybean planting has stopped.

CHESAPEAKE CITY (Watson Lawrence)

Corn has rolled leaves severely during daytime this week under intense heat and dry conditions. Most fields recovered at night thus far. Farmers continue to plant soybeans although there is not enough moisture to germinate seed until it rains. We are dry enough now to avoid soybean seed swelling with moisture and dying from insufficient moisture to produce seedling. Wheat harvest continues very rapidly. Farm markets are beginning to offer some local produce.



National
Agricultural
Statistics
Service

USDA/NASS/Virginia Field Office
P. O. Box 1659
Richmond, VA 23218-1659
Phone (804) 771-2493
<http://www.nass.usda.gov/va>
Address Service Requested