



Weather & Crops

CW 1710

July 26, 2010

Summer Squalls Interrupt Excessive Hot Dry Conditions

For the week ending, July 25, 2010, the days suitable for fieldwork were 6.7 days in Maryland and 6.4 days in Delaware. Soil moisture ratings are primarily short to adequate in Maryland and short to adequate for Delaware. Crop reporters in both states reported receiving rain at the end of the week; however more rain is still needed. One crop reporter on the Lower Eastern Shore reported, "A shower Sunday night and the cooler temps help to alleviate stress on crops." Another reporter from Delaware reported, "Pastures are starting to recover."

Hay supplies remained adequate throughout Maryland and adequate to surplus in Delaware. Pasture is rated poor to fair for Maryland and Delaware. The recent rain has been favorable for row crops. Corn for grain is in fair condition for both Maryland and Delaware. Maryland is reporting 95 percent completed for the second cutting of alfalfa hay, while Delaware reached 82 percent completion. Third cutting of alfalfa hay for Maryland is 30 percent completed, while Delaware reached 23 percent completed. Other hay second cutting reached 92 and 81 percent in Maryland and Delaware, respectively. Maryland is reporting 62 percent bloomed for soybeans and Delaware is reporting 53 percent bloomed. Maryland is reporting 100 percent completed for winter wheat harvest. Apples and peaches are rated in good condition and harvest has started for apples and peaches in both states.

MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING July 25, 2010

| Crop | Maryland | | | | Delaware | | | |
|---------------------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|-------------------|
| | Jul 25 2010 | Jul 18 2010 | Jul 26 2009 | 5-Year Average | Jul 25 2010 | Jul 18 2010 | Jul 26 2009 | 5-Year Average |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Alfalfa Hay, 2nd cutting | 95 | 94 | 85 | 94 | 82 | 80 | 85 | 96 |
| Alfalfa Hay, 3rd cutting | 30 | 18 | 37 | 41 | 23 | 3 | 19 | 33 |
| Other Hay, 2nd cutting | 92 | 90 | 69 | 66 | 81 | 72 | 90 | 88 |
| Other Hay, 3rd cutting | 5 | 2 | 6 | 8 | 25 | 2 | 5 | 7 |
| Corn, silked | 84 | 76 | 94 | 83 | 92 | 84 | 94 | 89 |
| Corn, dough | 35 | 17 | 27 | 21 | 35 | 11 | 12 | 32 |
| Soybeans, bloomed | 62 | 50 | 31 | 32 | 53 | 47 | 23 | 33 |
| Soybeans, setting pods | 35 | 14 | 5 | 7 | 38 | 22 | 7 | 8 |
| Winter Wheat, harvested | 100 | 98 | 100 | 96 | 100 | 100 | 100 | 99 |
| Cucumbers, planted | 95 | 90 | 100 | 87 | 99 | 98 | 100 | 88 |
| Cucumbers, harvested | 26 | 25 | 52 | 45 | 54 | 22 | 39 | 37 |
| Lima Beans, planted (ALL) | 90 | 75 | | 86 | 90 | 88 | | 89 |
| Potatoes, harvested | 21 | 14 | 22 | 39 | 20 | 7 | 24 | 20 |
| Snap Beans, harvested | 34 | 27 | 54 | 55 | 75 | 62 | 33 | 41 |
| Sweet Corn, harvested | 34 | 25 | 38 | 37 | 50 | 25 | 24 | 32 |
| Tomatoes, harvested | 36 | 22 | 30 | 26 | 32 | 23 | 16 | 18 |
| Cantaloups, harvested | 43 | 27 | 30 | 33 | 34 | 25 | 18 | 25 |
| Watermelons, harvested | 18 | 12 | 9 | 18 | 30 | 22 | 14 | 21 |
| Apples, harvested | 5 | | 17 | 12 | 7 | 6 | 5 | 3 |
| Peaches, harvested | 42 | 10 | 31 | 27 | 27 | 21 | 40 | 34 |

CROP CONDITIONS FOR WEEK ENDING July 25, 2010

| Crop | Maryland | | | | | Delaware | | | | |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Very Poor | Poor | Fair | Good | Excellent | Very Poor | Poor | Fair | Good | Excellent |
| | <i>Percent</i> |
| Pasture | 17 | 37 | 27 | 18 | 1 | 18 | 26 | 43 | 12 | 1 |
| Corn | 24 | 31 | 30 | 14 | 1 | 6 | 25 | 46 | 20 | 3 |
| Soybeans | 13 | 36 | 30 | 20 | 1 | 5 | 13 | 43 | 37 | 2 |
| Apples | | | 12 | 85 | 3 | 3 | 7 | 18 | 64 | 8 |
| Peaches | | 6 | 20 | 57 | 17 | 2 | 8 | 17 | 65 | 8 |

SOIL MOISTURE CONDITION FOR WEEK ENDING July 25, 2010

| Condition | Maryland | | | | Delaware | | | |
|------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|
| | Topsoil Moisture | | Subsoil Moisture | | Topsoil Moisture | | Subsoil Moisture | |
| | Jul 25 | Jul 18 |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Very Short | 42 | 38 | 27 | 17 | 13 | 11 | 14 | 14 |
| Short | 27 | 30 | 40 | 45 | 33 | 19 | 30 | 32 |
| Adequate | 31 | 32 | 33 | 37 | 54 | 70 | 56 | 54 |
| Surplus | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |

WEATHER SUMMARY FOR THE WEEK ENDING July 25, 2010

| Station | Precipitation ¹ | | | Temperatures | | | |
|-------------------------------|----------------------------|-----------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | Total This Week | Since January 1 | | High | Low | Average | Departure From Normal |
| | | Total | Departure From Normal | | | | |
| | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | <i>Degrees Farenheit</i> | <i>Degrees Farenheit</i> | <i>Degrees Farenheit</i> | <i>Degrees Farenheit</i> |
| Maryland | | | | | | | |
| Baltimore/Washington AP | 0.49 | 23.35 | 0.35 | 101 | 71 | 86 | 9 |
| Frederick | 0.67 | 24.46 | 1.76 | 98 | 70 | 83 | 10 |
| Frostburg | 0.48 | 28.08 | 0.28 | 89 | 65 | 76 | 8 |
| Hagerstown | 0.19 | 15.33 | -6.75 | 101 | 70 | 85 | 10 |
| Mechanicsville | 0.48 | 19.64 | -6.20 | 97 | 70 | 82 | 6 |
| Patuxent River | 0.05 | 19.41 | -3.96 | 103 | 73 | 86 | 11 |
| Ocean City | | 22.15 | -2.89 | 101 | 73 | 85 | 10 |
| Salisbury | | 15.76 | -9.35 | 101 | 71 | 85 | 8 |
| Sharpsburg | 0.21 | 19.65 | -3.05 | 100 | 67 | 82 | 9 |
| Stevensville | 1.00 | 23.82 | -0.27 | 96 | 68 | 83 | 7 |
| Washington DC Reagan National | 0.03 | 18.46 | -2.91 | 101 | 75 | 87 | 7 |
| Delaware | | | | | | | |
| Dover | 0.05 | 24.20 | -0.60 | 97 | 74 | 85 | 8 |
| Georgetown | | 21.40 | -2.74 | 99 | 73 | 85 | 9 |
| Wilmington | 0.29 | 24.86 | 1.26 | 97 | 71 | 84 | 7 |

¹ Precipitation totals as of 7 A.M. on recorded date.

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