



United States Department of Agriculture
National Agricultural Statistics Service



Crop Progress & Condition



Maryland
& Delaware

Dale Hawks, Maryland State Statistician
50 Harry S. Truman Pkwy Ste 210, Annapolis, MD 21401
Phone: 410-841-5740 Fax: 410-841-5755

Dale Hawks, Delaware State Statistician
2320 S. DuPont Hwy. Dover, DE 19901
Phone: 302-698-4537 Fax: 302-697-4450

www.nass.usda.gov/md
Week ending August 20, 2017

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by the Northeastern Regional Field Office of NASS
nassrfoner@nass.usda.gov

www.nass.usda.gov/de
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Good Week for Field Work: Maryland had an average of 4.5 days suitable for field work while Delaware had an average of 5.5 days suitable for field work. The region experienced thunderstorms and ample rainfall resulting in overall adequate levels of topsoil and subsoil moisture. Precipitation helped with the progression of crop growth, particularly for corn and soybeans. Temperatures reached a high of 94°F in Berwyn Heights, Maryland and a low of 47°F in Sines Deep Creek, Maryland. Rainfall reached a total of about 3.4 inches in Dover, Delaware over a 4-day period. In Delaware, potatoes harvested is 32 percentage points ahead of the 5 year average. In Maryland, peaches harvested are 8 percentage points behind Delaware and 10 percentage points behind last year. Field work activities included cutting hay; and harvesting apples, cantaloupes, cucumbers, peaches, potatoes, snap beans, sweet corn, tomatoes, and watermelons.

MD Crop Progress as of August 20, 2017 (in percent)

| Item | This Week | Last Week | Last Year | 5 Year Avg. |
|---------------------------------|-----------|-----------|-----------|-------------|
| APPLES: HARVESTED | 29 | 29 | 20 | 24 |
| CANTALOUPE: HARVESTED | 52 | 49 | 60 | 62 |
| CORN: SILKING | 86 | 83 | N/A | N/A |
| CORN: MILK | 67 | 46 | 83 | N/A |
| CORN: DOUGH | 44 | 22 | 59 | 75 |
| CORN: DENTED | 21 | 9 | 23 | 29 |
| CORN AVERAGE HEIGHT: (IN.) | 99 | 92 | N/A | N/A |
| HAY, ALFALFA: THIRD CUTTING | 74 | 71 | 73 | 74 |
| HAY, ALFALFA: FOURTH CUTTING | 24 | 12 | 31 | 26 |
| HAY, OTHER: THIRD CUTTING | 7 | 6 | 36 | 27 |
| PEACHES: HARVESTED | 67 | 51 | 77 | 77 |
| SNAP BEANS: HARVESTED | 63 | 57 | 59 | 72 |
| SOYBEANS: BLOOMING | 71 | 57 | 83 | 87 |
| SOYBEANS: SETTING PODS | 57 | 36 | 71 | 71 |
| SOYBEANS: FULLY PODDED | 25 | 13 | 16 | N/A |
| SWEET CORN: HARVESTED | 55 | 46 | 62 | 73 |
| TOMATOES: HARVESTED | 41 | 38 | 63 | 63 |

MD Soil Moisture for Week Ending August 20, 2017 (in percent)

| Item | Very Short | Short | Adequate | Surplus |
|---------|------------|-------|----------|---------|
| TOPSOIL | 2 | 5 | 85 | 8 |
| SUBSOIL | 0 | 4 | 91 | 5 |

MD Crop Conditions as of August 20, 2017 (in percent)

| Item | Very Poor | Poor | Fair | Good | Excellent |
|----------------------|-----------|------|------|------|-----------|
| APPLES | 2 | 1 | 5 | 41 | 51 |
| CORN | 1 | 11 | 20 | 42 | 26 |
| HAY, ALFALFA | 0 | 1 | 8 | 35 | 56 |
| HAY, OTHER | 1 | 2 | 17 | 56 | 24 |
| PASTURE AND RANGE | 1 | 5 | 14 | 39 | 41 |
| PEACHES | 1 | 1 | 12 | 49 | 37 |
| SOYBEANS | 1 | 3 | 20 | 47 | 29 |

DE Soil Moisture for Week Ending August 20, 2017
(in percent)

| Item | Very Short | Short | Adequate | Surplus |
|---------|------------|-------|----------|---------|
| TOPSOIL | 0 | 1 | 73 | 26 |
| SUBSOIL | 0 | 3 | 73 | 24 |

DE Crop Conditions as of August 20, 2017
(in percent)

| Item | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|------|------|------|-----------|
| APPLES | 1 | 4 | 11 | 58 | 26 |
| CORN | 1 | 7 | 17 | 67 | 8 |
| HAY, ALFALFA | 1 | 3 | 12 | 80 | 4 |
| HAY, OTHER | 0 | 8 | 23 | 67 | 2 |
| PASTURE AND RANGE | 1 | 15 | 36 | 44 | 4 |
| SOYBEANS | 0 | 1 | 27 | 65 | 7 |

Hay and Roughage Supplies as of August 20, 2017
(in percent)

| State | Very Short | Short | Adequate | Surplus |
|-------|------------|-------|----------|---------|
| MD | 0 | 5 | 78 | 17 |
| DE | 0 | 1 | 73 | 26 |

DE Crop Progress as of August 20, 2017
(in percent)

| Item | This Week | Last Week | Last Year | 5 Year Avg. |
|-----------------------------|-----------|-----------|-----------|-------------|
| APPLES: HARVESTED | 33 | 27 | 41 | 33 |
| BEANS, LIMA: HARVESTED | 38 | 18 | 41 | 35 |
| CANTALOUPE: HARVESTED | 81 | 56 | 71 | 77 |
| CORN: MILK | 97 | 87 | 97 | N/A |
| CORN: DOUGH | 83 | 67 | 82 | 84 |
| CORN: DENTED | 30 | <5 | 36 | 43 |
| CORN AVERAGE HEIGHT: (IN.) | 81 | 74 | 91 | N/A |
| CUCUMBERS: HARVESTED | 80 | 63 | 77 | 80 |
| HAY, ALFALFA: THIRD CUTTING | 75 | 54 | N/A | N/A |
| HAY, OTHER: THIRD CUTTING | 41 | 32 | 62 | 55 |
| PEACHES: HARVESTED | 75 | 58 | 69 | 75 |
| POTATOES: HARVESTED | 40 | 35 | 73 | 72 |
| SNAP BEANS: HARVESTED | 85 | 65 | 81 | 77 |
| SOYBEANS: SETTING PODS | 65 | 50 | 64 | 66 |
| SWEET CORN: HARVESTED | 79 | 56 | 78 | 82 |
| TOMATOES: HARVESTED | 63 | 48 | 63 | 71 |
| WATERMELONS: HARVESTED | 80 | 64 | 77 | 82 |

August 20, 2017 Maryland and Delaware Weekly Weather Summary

| | | Last Week Weather Summary | | | | | | Accumulation Since April 1, 2017 | | | | | |
|----------|-----------------|---------------------------|----|-----|-----|---------------|------|----------------------------------|--------|------|--------------|------|----------|
| | | Temperature | | | | Precipitation | | Precipitation | | | GDD Base 50F | | Base 40F |
| State | Station | Hi | Lo | Avg | DFN | Total | Days | Total | DFN | Days | Total | DFN | Total |
| Maryland | Baltimore_Washi | 91 | 63 | 77 | +3 | 1.20 | 2 | 21.45 | +4.98 | 54 | 2833 | +302 | 4230 |
| | Berwyn_Heights | 94 | 64 | 78 | +3 | 3.01 | 4 | 33.14 | +15.38 | 55 | 3021 | +451 | 4422 |
| | Cumberland | 92 | 58 | 74 | +1 | 0.21 | 3 | 19.39 | +3.50 | 62 | 2579 | +218 | 3965 |
| | Emmitsburg | 90 | 59 | 73 | 0 | 0.53 | 4 | 25.31 | +6.92 | 60 | 2418 | +30 | 3806 |
| | Frostburg | 85 | 55 | 69 | +2 | 0.21 | 2 | 26.81 | +8.01 | 69 | 1859 | +244 | 3172 |
| | Gaithersburg_AP | 93 | 62 | 76 | +3 | 1.03 | 5 | 21.04 | +3.56 | 84 | 2733 | +317 | 4128 |
| | Hagerstown_AP | 91 | 62 | 75 | +2 | 0.65 | 4 | 18.27 | +1.85 | 65 | 2795 | +402 | 4187 |
| | Mechanicsville | 87 | 62 | 75 | 0 | 3.16 | 5 | 24.07 | +5.24 | 46 | 2659 | +46 | 4060 |
| | Millers_4NE | 90 | 58 | 75 | +3 | 1.32 | 5 | 21.07 | +3.95 | 67 | 2445 | +179 | 3819 |
| | Nat_Arboretum_D | 93 | 67 | 80 | +4 | 0.49 | 4 | 25.30 | +7.53 | 50 | 3151 | +446 | 4555 |
| | Ocean_City_AP | 86 | 66 | 77 | +2 | 1.71 | 3 | 22.41 | +4.13 | 42 | 2672 | -21 | 4071 |
| | Oxon_Hill | 92 | 66 | 79 | +5 | 1.72 | 4 | 23.25 | +5.20 | 49 | 3027 | +441 | 4430 |
| | Patuxent River | 90 | 64 | 78 | +1 | 1.06 | 4 | 20.05 | +2.62 | 49 | 3007 | +241 | 4411 |
| | Reisterstown | 90 | 61 | 74 | 0 | 1.79 | 5 | 24.57 | +7.24 | 66 | 2570 | +76 | 3949 |
| | Salisbury_AP | 91 | 68 | 79 | +4 | 1.67 | 2 | 28.80 | +10.21 | 50 | 2906 | +286 | 4307 |
| | Savage_River_Da | 87 | 55 | 70 | +2 | 0.12 | 1 | 22.99 | +5.44 | 52 | 1923 | +166 | 3266 |
| | Sharpsburg_5S | 91 | 58 | 73 | +1 | 0.33 | 3 | 19.66 | +2.42 | 58 | 2428 | +217 | 3804 |
| | Sines_Deep_Cree | 83 | 47 | 66 | -1 | 0.37 | 3 | 24.09 | +2.71 | 72 | 1564 | -76 | 2865 |
| | Stevensville | 92 | 64 | 78 | +3 | 1.62 | 3 | 18.41 | +0.63 | 50 | 3032 | +399 | 4437 |
| | Washington_DC_A | 91 | 70 | 81 | +4 | 0.69 | 4 | 22.11 | +6.62 | 50 | 3272 | +370 | 4677 |
| Delaware | Dover_AFB | 91 | 63 | 77 | +1 | 3.36 | 4 | 31.06 | +12.50 | 57 | 2791 | +83 | 4192 |
| | Georgetown_AP | 93 | 66 | 79 | +5 | 1.62 | 3 | 23.93 | +6.27 | 44 | 3016 | +576 | 4418 |
| | Wilmington_DE | 91 | 63 | 76 | +1 | 0.84 | 2 | 21.87 | +4.34 | 53 | 2738 | +237 | 4135 |

Summary based on NWS preliminary data. DFN = Departure From Normal.
 Precipitation (rain or melted snow/ice) in inches.
 Air Temperatures in Degrees Fahrenheit.

REPORTERS COMMENTS, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

Baltimore County, MD – David Martin

Scattered thunderstorms systems have maintained good soil moisture for pasture, corn, and soybean production.

Frederick County, MD – Matt Morris

Adequate rainfall and cool temperatures helped crops improve above the board. Rainfall has delayed hay harvest across the county.

Howard & Montgomery Counties, MD – Charles Schuster

Rainfall again fell during the reporting period with several periods of heavy quick events. The rain is very localized with some areas receiving upwards of 3 - 4 inches and others less than .5 total inches for the reporting period. Pastures conditions are still related to area in the reporting period that receive rainfall and stocking /management rate. Corn silage harvest has just begun. Hotter temperatures continue to provide good growth for both corn and soybeans.

Kent County, DE – Lauren Huber

End of this past week we received around another 1.5 inches of rain. Field work activities still include harvesting potatoes, cucumbers, lima beans, tomatoes, sweet corn, snap beans, cantaloupes, watermelons, apples, peaches, and cutting hay.

Sussex County, DE – John Timmons

Tomato, cantaloupe, and watermelons all hurt from heavy rains received early in week. Five inches reported in many areas.

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