



United States Department of Agriculture
National Agricultural Statistics Service



Crop Progress & Condition



Maryland
& Delaware

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Week ending May 20, 2018

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by the Northeastern Regional Field Office of NASS
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Very Poor Week for Field Work: Maryland and Delaware had no days suitable for field work. The region experienced rainy weather conditions almost every day during the last weekly reporting period. These conditions resulted in overall surplus levels of topsoil and subsoil moisture, and farmers were unable to tend to crops and fields. Rainfall reached a maximum of 8.67 inches of rain in Patuxent River, MD. Temperatures reached a high of 91°F in Hagerstown, MD; and a low of 48°F in Millers, MD and Savage River Dam, MD. In Delaware, cantaloupes planted are 5 percentage points ahead of Maryland and 16 percentage points behind the 5-year average. Soybeans planted in Maryland are 6 percentage points ahead of Delaware and 3 percentage points ahead of last year. Field work activities included monitoring soil moisture levels and crop progress affected by excessive rainfall.

MD Soil Moisture for Week Ending May 20, 2018 (in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	0	0	20	80
SUBSOIL	0	0	30	70

MD Crop Conditions as of May 20, 2018 (in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	0	0	3	97	0
BARLEY	0	2	39	56	3
HAY, ALFALFA	1	10	32	38	19
HAY, OTHER	2	14	27	50	7
PASTURE & RANGE	1	3	57	35	4
PEACHES	0	0	6	94	0
WINTER WHEAT	1	6	44	45	4

MD Crop Progress as of May 20, 2018 (in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
APPLES: FULL BLOOM	90	87	84	N/A
BARLEY: HEADED	80	58	84	N/A
BEANS, LIMA: PLANTED	25	10	0	23
CANTALOUPE: PLANTED	25	13	21	33
CORN: PLANTED	70	41	84	72
CORN: EMERGED	43	26	58	44
HAY, ALFALFA: FIRST CUTTING	20	8	48	46
HAY, OTHER: FIRST CUTTING	11	5	33	29
PEACHES: FULL BLOOM	96	82	84	N/A
SOYBEANS: PLANTED	29	10	26	17
STRAWBERRIES: FULL BLOOM	96	68	81	N/A
TOMATOES: PLANTED	43	26	37	41
WINTER WHEAT: HEADED	68	39	88	79

DE Soil Moisture for Week Ending May 20, 2018
(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	0	1	14	85
SUBSOIL	0	0	26	74

DE Crop Conditions as of May 20, 2018
(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	4	8	25	52	11
BARLEY	3	17	25	44	11
HAY, ALFALFA	2	6	16	63	13
HAY, OTHER	3	8	21	56	12
PASTURE & RANGE	3	10	29	46	12
PEACHES	1	3	25	62	9
WINTER WHEAT	2	14	20	51	13

DE Crop Progress as of May 20, 2018
(in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
APPLES: FULL BLOOM	87	86	50	N/A
BARLEY: HEADED	86	68	79	N/A
BEANS, LIMA: PLANTED	14	11	13	15
CANTALOUPE: PLANTED	30	27	41	46
CORN: PLANTED	82	76	75	80
CORN: EMERGED	41	29	52	48
CUCUMBERS: PLANTED	20	15	18	20
GREEN PEAS: PLANTED	98	92	82	N/A
HAY, ALFALFA: FIRST CUTTING	41	31	13	35
HAY, OTHER: FIRST CUTTING	31	23	10	33
PEACHES: FULL BLOOM	94	91	87	N/A
POTATOES: PLANTED	96	91	92	N/A
SNAP BEANS: PLANTED	18	14	25	25
SOYBEANS: PLANTED	23	22	24	18
STRAWBERRIES: FULL BLOOM	70	67	86	N/A
SWEET CORN: PLANTED	22	21	36	50
TOMATOES: PLANTED	60	57	53	43
WATERMELONS: PLANTED	65	62	54	53
WINTER WHEAT: HEADED	66	52	79	77

May 20, 2018 Maryland and Delaware Weekly Weather Summary

		Last Week Weather Summary						Accumulation Since April 1, 2018					
		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	89	54	66	+3	5.37	7	9.73	+4.04	27	542	+152	978
	CUMBERLAND 2	90	54	68	+4	3.30	7	9.28	+3.42	25	417	-20	796
	EMMITSBURG 2 SE	79	51	63	+2	3.76	7	9.58	+2.86	22	352	+50	725
	FREDERICK AP	90	54	64	-2	6.76	6	12.06	+5.90	11	448	-50	870
	FROSTBURG 2	85	49	64	+7	4.08	7	11.94	+5.03	29	296	+78	616
	GAITHERSBURG AP	89	53	65	+1	3.12	5	7.93	+2.15	17	495	+51	912
	HAGERSTOWN WASH	91	51	65	+2	1.67	7	10.19	+4.20	31	486	+120	900
	MECHANICSVILLE	86	50	67	+4	7.66	7	11.34	+5.20	15	400	-10	792
	MILLERS 4 NE	87	48	66	+5	2.67	7	8.66	+2.19	21	412	+89	800
	OCEAN CITY MUNI	79	55	63	+2	7.43	7	13.23	+7.81	26	394	+54	820
	OXON HILL	89	55	68	+3	6.36	7	10.19	+3.98	21	512	+14	954
	PATUXENT RIVER	89	61	71	+6	8.67	7	14.39	+8.12	25	656	+197	1130
	REISTERSTOWN 2	88	33	60	-3	2.98	6	7.46	+1.12	19	338	-38	699
	SALISBURY WICOM	84	55	66	+4	7.79	7	12.00	+6.24	25	520	+126	952
	SAVAGE RIVER DA	85	48	64	+6	2.92	6	10.00	+3.84	21	248	+16	538
	SINES DEEP CREE	80	50	66	+9	1.25	3	6.10	-1.00	16	138	-56	320
STEVENSVILLE 2S	89	55	67	+3	4.44	7	6.77	+0.14	17	436	+39	849	
WASHINGTON DC A	89	57	68	+2	5.67	7	10.49	+4.90	22	636	+118	1106	
Delaware	DOVER AFB	87	54	66	+2	4.11	7	8.55	+2.00	20	497	+54	929
	GEORGETOWN SUSS	87	55	66	+3	4.79	7	11.86	+6.12	27	544	+142	996
	WILMINGTON NEW	86	51	65	+2	4.19	7	8.67	+2.68	26	449	+74	870

Summary based on NOAA Regional Climate Centers (RCCs) data. DFN = departure from normal.

Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit. Climate normals used are for the 1981-2010 period.

Notice please be advised, the Weekly Crop Progress and Condition Report's Weather Data Tables may be discontinued for budget reasons. This includes the possibility of discontinuing the weather data narratives and graphics Please contact your local NASS Regional Field Office with comments or compliments regarding this issue. The Weekly Crop Progress and Condition Report's Crop Progress and Condition data will remain and be available.

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 – Erika Crowl

Nonstop rain for the past week. Hopefully warmer temps and sun will be here this week.

Frederick County, MD – Matt Morris

Heavy rain and widespread areas of flooding have devastated Frederick County. Many parts have received close to 15" of rain since 5/14. Many small grain and hay fields have lodged. Fences along creeks have washed away and many county roads are closed due to wash outs. Corn that was planted at the end of the last reporting period may be in danger of replant due to the wet conditions and many fields suffered huge erosion problems due to the torrential rainfall.

Howard & Montgomery Counties, MD – Charles Schuster

Rain, heavy at times fell during a majority of the reporting period. This moisture prevented most from doing any planting or forage harvest. Soil moisture is at excess levels currently, with over 9 inches in some locations. Some farms have flood damage. Risk for fire blight in apples and pears is high. Risk for scab is high in wheat. Forage is not as tall as normally would be found for this time of year. Disease pressure on strawberries is high.

Harford County, MD – Patricia Hoopes

It is too wet to do any field work.

Kent & New Castle Counties, DE – Lauren Huber

Field work came to a standstill due to rainfall every day last week. This week we received around an average of 4.5-5 inches of rain with temperatures ranging in the mid 60's.

Sussex County, DE – Harry T Hudson III

Massive field flooding last week in low areas, especially on Friday/Saturday. Soils are saturated at this point. Any set watermelons or other veggies are struggling to get out of the water. Farmers saying that if watermelons do not pan out this year - they are done - many have already given up on watermelons after the past two wet years. Hay cutting on hold last week.

Sussex County, DE - John Timmons

At my home I have recorded 10.5 inches of rain since tenth of May. 35% of fields are under water or saturated to the surface. So crops in bottoms will be hurt. Soybeans not emerged will rot. Vegetables will die. Small grain will develop disease. Poor start to 2018. Corn will be hurt in bottoms. Sadly leaching of nitrogen will occur to local bays causing problems of algae blooms in June. If it stops raining today to field work for at least 5 days. Crop insurance reps will be busy.



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The advertisement features a central illustration of a farm scene with a red barn, a blue sky, and a person in a blue shirt working in a field. The background is a mix of orange and brown tones.