



United States Department of Agriculture
National Agricultural Statistics Service



Maryland
& Delaware

Crop Progress & Condition

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Week ending July 16, 2017

Issued weekly on the internet, April - November
by the Northeastern Regional Field Office of NASS
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Released July 17, 2017

MD Crop Progress as of July 16, 2017 (in percent)

Excellent Week for Field Work: Maryland experienced an average of 6.5 days suitable for fieldwork and Delaware experienced an average of 6 days suitable for fieldwork this reporting period. Temperature peaked at 98°F (recorded at the National Arboretum, D.C.); averages for the region fell in the upper 70's and low 80's. Total precipitation reached a maximum in Ocean City, MD (1.81 inches) and a minimum in Hagerstown, MD (0.13 inches). For the most part in Maryland, hot and dry conditions prevailed. While some crops look good in these conditions (specifically full season soybeans), others are suffering. Per reporter comments this reporting period, corn, double season soybeans, and pasture all need more moisture. Field work activities this week included hay cutting (second and third cutting) and harvest of barley, winter wheat, tomatoes, peaches, cucumbers, green peas, snap beans, and strawberries.

MD Soil Moisture for Week Ending July 16, 2017 (in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	3	50	47	0
SUBSOIL	2	38	60	0

MD Crop Conditions as of July 16, 2017 (in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	1	1	9	47	42
BARLEY	0	3	3	84	8
CORN	0	1	45	40	14
HAY, ALFALFA	1	3	7	69	20
HAY, OTHER	2	4	28	65	1
PASTURE AND RANGE	2	6	35	51	6
PEACHES	0	0	11	50	39
SOYBEANS	1	6	62	26	5
WINTER WHEAT	0	1	38	43	18

Item	This Week	Last Week	Last Year	5 Year Avg.
BARLEY: MATURE	100	92	93	N/A
BARLEY: HARVESTED FOR GRAIN	93	87	90	N/A
CORN: SILKING	51	22	50	64
CORN: MILK	15	N/A	N/A	N/A
CORN AVERAGE HEIGHT: (IN.)	69	49	87	N/A
HAY, ALFALFA: SECOND CUTTING	87	79	89	86
HAY, ALFALFA: THIRD CUTTING	31	<5	N/A	N/A
HAY, OTHER: SECOND CUTTING	58	48	49	58
SOYBEANS: PLANTED	92	85	95	N/A
SOYBEANS: EMERGED	88	76	93	93
SOYBEANS: BLOOMING	24	<5	15	N/A
STRAWBERRIES: HARVESTED	100	86	N/A	N/A
SWEET CORN: PLANTED	93	92	94	N/A
TOMATOES: PLANTED	100	94	N/A	N/A
TOMATOES: HARVESTED	9	N/A	N/A	N/A
WINTER WHEAT: COLORING	100	93	N/A	N/A
WINTER WHEAT: MATURE	91	76	95	N/A
WINTER WHEAT: HARVESTED FOR GRAIN	78	71	86	N/A

DE Soil Moisture for Week Ending July 16, 2017
(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	3	11	75	11
SUBSOIL	0	32	59	9

DE Crop Conditions as of July 16, 2017
(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	0	2	9	70	
BARLEY	0	4	16	75	
CORN	0	16	16	68	
HAY, ALFALFA	1	3	30	57	
HAY, OTHER	2	13	53	24	
PASTURE AND RANGE	1	14	56	27	
PEACHES	0	5	12	74	
SOYBEANS	0	3	20	69	
WINTER WHEAT	0	19	5	71	

Hay and Roughage Supplies as of July 16, 2017
(in percent)

State	Very Short	Short	Adequate	Surplus
MD	0	5	93	2
DE	0	5	56	39

DE Crop Progress as of July 16, 2017
(in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
BARLEY: MATURE	90	86	95	N/A
BARLEY: HARVESTED FOR GRAIN	85	83	94	N/A
BEANS, LIMA: PLANTED	83	80	93	92
CORN: AVERAGE PLANT: (IN.)	66	60	70	N/A
CORN: SILKING	45	21	69	72
CUCUMBERS: PLANTED	85	82	82	89
CUCUMBERS: HARVESTED	26	8	35	31
GREEN PEAS: HARVESTED	93	90	93	N/A
HAY, ALFALFA: SECOND CUTTING	75	72	85	81
HAY, ALFALFA: THIRD CUTTING	8	8	N/A	N/A
HAY, OTHER: FIRST CUTTING	97	94	N/A	N/A
HAY, OTHER: SECOND CUTTING	44	41	59	67
SNAP BEANS: PLANTED	94	88	N/A	N/A
SNAP BEANS: HARVESTED	18	6	N/A	N/A
SOYBEANS: PLANTED	93	90	96	N/A
SOYBEANS: EMERGED	88	85	84	88
SOYBEANS: BLOOMING	9	0	9	23
SWEET CORN: PLANTED	83	80	N/A	N/A
WATERMELONS: HARVESTED	7	N/A	N/A	N/A
WINTER WHEAT: MATURE	85	82	N/A	N/A
WINTER WHEAT: HARVESTED FOR GRAIN	73	70	78	87

July 16, 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	95	62	80	+3	0.18	3	13.20	+1.00	39	1941	+318	2989
	Berwyn_Heights	97	63	82	+5	0.18	1	15.85	+2.37	37	2051	+407	3102
	Cumberland	93	58	76	+1	0.47	4	14.46	+2.57	49	1723	+209	2759
	Emmitsburg	89	60	76	+1	1.25	3	15.97	+1.46	42	1599	+70	2637
	Frostburg	82	55	70	+1	0.94	4	20.75	+6.31	55	1221	+250	2184
	Gaithersburg_AP	93	61	79	+4	0.52	3	13.47	+0.21	61	1839	+289	2884
	Hagerstown_AP	90	63	79	+4	0.13	3	13.39	+0.55	50	1933	+403	2976
	Mechanicsville	91	64	78	+1	0.94	2	14.16	-0.11	33	1805	+104	2856
	Millers_4NE	91	61	77	+3	0.22	2	13.55	+0.44	49	1690	+247	2730
	Nat_Arboretum_D	98	67	83	+5	0.47	1	13.36	+0.11	35	2127	+382	3181
	Ocean_City_AP	97	63	80	+3	1.81	2	10.62	-1.70	30	1801	+31	2851
	Oxon_Hill	96	66	81	+5	0.37	1	12.78	-0.26	36	2051	+355	3104
	Patuxent_River	94	68	82	+4	1.31	3	14.84	+1.88	38	2074	+284	3128
	Reisterstown	90	51	77	+1	0.23	1	15.66	+2.43	46	1734	+123	2763
	Salisbury_AP	97	63	82	+4	1.77	3	11.29	-1.66	37	2002	+322	3053
	Savage_River_Da	84	55	70	0	0.76	2	17.37	+3.96	40	1262	+185	2255
	Sharpsburg_5S	90	58	75	+1	0.15	1	13.36	+0.10	43	1630	+231	2656
Sines_Deep_Cree	81	50	67	-1	1.31	5	19.21	+3.06	57	1007	+7	1958	
Stevensville	97	68	82	+4	0.88	1	11.36	-1.88	38	2022	+335	3077	
Washington_DC_A	97	71	84	+5	0.73	1	12.41	+0.90	36	2279	+385	3334	
Delaware	Dover_AFB	95	66	81	+3	1.01	2	14.50	+1.03	40	1929	+180	2982
	Georgetown_AP	96	65	83	+7	1.16	2	13.43	+1.33	30	2077	+526	3129
	Wilmington_DE	93	64	80	+3	1.49	2	14.82	+1.57	42	1857	+274	2904

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.

Frederick County, MD – Matt Morris

No rain until the last day of the reporting period. Full season soybeans are starting to flower and overall they look very good. Double crop beans could use more rain and less heat in order to improve.

Howard & Montgomery Counties, MD – Charles Schuster

Hot dry weather is impacting forages and grain crops. Corn is in the pollination stage and needs moisture currently. Pastures are dry, and with the hot weather are not growing at all. Soybeans are doing well with the hot dry weather. Double crop soybeans need moisture at this point though. Wheat harvest is complete. Some hail damage from recent storms is noted in peaches in some areas.

Kent County, MD – Nate Richards

It is dry here. Need more rain.

New Castle County, DE – Helen Sureda

Heavy rainfall in lower New Castle County has caused flooding in some areas. It is undetermined as this time how this will affect corn and soybeans.

Sussex County, DE – John Timmons

Please clear barley and wheat since it is all wheat and barley are harvested and new plantings (winter barley and wheat) will not begin until October. Previous week low surface moisture and mild nineties daytime temperature took a toll on non-irrigated corn and soybeans with light sandy soils with low water holding capacity. On Friday we received 1.3 inches of rain.