



# Weather & Crops

CW 1811

August 01, 2011

## Heat and Dry Conditions for Maryland and Delaware

For the week ending, July 31, 2011, the days suitable for fieldwork were **6.5** days in Delaware and **6.9** days in Maryland. Soil moisture ratings were very short to adequate in both states. A Delaware crop reporter reported, "High temperatures have caused some problems with crops." A Maryland crop reporter reported, "The spotty showers have not done enough to relieve crop drought symptoms."

**Hay supplies** were mostly adequate to surplus in Delaware and Maryland. The second cutting of **alfalfa hay** was complete in Delaware and 99 percent in Maryland. The third cutting of **alfalfa hay** was 24 percent and 47 percent for Delaware and Maryland, respectively. Harvest of **other hay** continued with the second cutting at 94 percent in Delaware and 87 percent in Maryland. The third cutting of **other hay** began in Maryland with 5 percent complete. Dry conditions continued in pastures with hay being provided to grazing livestock. Pasture condition in Delaware was mostly good to fair. Maryland **corn for grain** was 99 percent silked and 89 percent dough in Delaware and 90 percent silked, 33 percent dough in Maryland. Isolated showers offered relief to some corn fields, while others continue to struggle due to lack of moisture. **Soybean** emergence was complete in Delaware and Maryland. Blooming was at 72 percent in Delaware and 55 percent in Maryland. Pod set progressed with Delaware at 21 percent and Maryland at 30 percent. Bloom and pod development in soybeans stressed due to heat and dry conditions. Dry weather also contributed to rising pest pressure in corn and soybean fields. Potato harvest was 55 percent complete in Delaware and 61 percent complete in Maryland. The **peach** season continued with Delaware reporting 65 percent harvested and Maryland reporting 51 percent harvested. **Apples** were 39 percent harvested in Delaware and 11 percent harvested in Maryland. Summer **vegetable** harvest continued in Maryland and Delaware with no weather disruptions.

### MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING July 31, 2011

Crop	Maryland				Delaware			
	Jul 31 2011	Jul 24 2011	Aug 1 2010	5-Year Average	Jul 31 2011	Jul 24 2011	Aug 1 2010	5-Year Average
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Alfalfa Hay, 2nd cutting	99	97	96	96	100	100	83	94
Alfalfa Hay, 3rd cutting	47	37	42	48	24	11	30	42
Other Hay, 2nd cutting	87	85	93	75	94	91	91	95
Other Hay, 3rd cutting	5	2	14	13	5		26	15
Corn, silked	90	87	92	91	99	98	99	95
Corn, dough	33	17	44	38	89	73	61	43
Soybeans, emerged	100	97	100	100	100	100	100	99
Soybeans, bloomed	55	41	65	48	72	34	68	46
Soybeans, setting pods	30	18	38	21	21	13	53	24
Cucumbers, planted	97	95	98	92	100	99	100	95
Cucumbers, harvested	60	55	41	49	63	60	59	47
Lima Beans, planted (ALL)	98	96	95	94	99	98	99	95
Lima Beans, harvested (Proc)	34	24	15	32	12	8		29
Potatoes, harvested	61		33	47	55		46	32
Snap Beans, planted	98	97	100	94	99	97	100	100
Snap Beans, harvested	65	40	48	57	58	50	83	58
Sweet Corn, planted	99	98	100	100	100	100	100	100
Sweet Corn, harvested	47	36	45	48	46	38	63	48
Tomatoes, harvested	41	29	45	39	29	21	47	29
Cantaloups, harvested	43	38	54	48	49	33	43	34
Watermelons, harvested	34	23	31	29	43	35	47	35
Apples, harvested	11	5	13	17	39	36	10	6
Peaches, harvested	51	33	51	41	65	58	38	45

### CROP CONDITIONS FOR WEEK ENDING July 31, 2011

Crop	Maryland					Delaware				
	Very Poor	Poor	Fair	Good	Excellent	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Pasture	20	35	27	17	1	17	19	24	40	
Corn	16	21	29	32	2	7	16	42	28	7
Soybeans	19	20	31	29	1	3	8	29	54	6
Apples			7	92	1		2	7	87	4
Peaches		3	9	82	6		1	10	86	3

**SOIL MOISTURE CONDITION FOR WEEK ENDING July 31, 2011**

Condition	Maryland				Delaware			
	Topsoil Moisture		Subsoil Moisture		Topsoil Moisture		Subsoil Moisture	
	Jul 31	Jul 24						
	<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	40	32	35	29	24	15	16	13
Short	45	47	50	50	42	32	54	52
Adequate	15	21	15	21	34	53	30	35
Surplus	0	0	0	0	0	0	0	0

**WEATHER SUMMARY FOR THE WEEK ENDING July 31, 2011**

Station	Precipitation <sup>1</sup>			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 Fahrenheit</i>	<i>Degrees Fahrenheit</i>	<i>Degrees Fahrenheit</i>	<i>Degrees Fahrenheit</i>
<b>Maryland</b>							
Baltimore/Washington AP	0.64	21.56	-2.16	101	68	84	7
Damascus <sup>2</sup>	0.05	26.70	2.81	102	66	82	8
Frostburg		31.21	2.45	91	60	75	7
Hagerstown	0.24	23.69	0.95	98	67	81	7
Mechanicsville	1.52	21.17	-5.32	95	67	80	5
Patuxent River	1.91	20.68	-3.49	97	70	83	8
Ocean City	3.20	18.41	-7.56	97	68	82	6
Salisbury	2.85	17.76	-8.30	98	70	83	7
Sharpsburg		27.23	3.93	101	61	79	6
Stevensville	0.57	22.79	-2.02	98	71	83	7
Washington DC Reagan National	0.20	18.38	-3.77	104	76	88	8
<b>Delaware</b>							
Dover	1.14	20.58	-5.02	96	67	81	5
Georgetown	1.01	17.92	-7.09	99	68	84	8
Wilmington	0.88	24.31	-0.07	98	67	81	5

<sup>1</sup> Precipitation totals as of 7 A.M. on recorded date.

<sup>2</sup> Frederick replaced with Damascus.