



CW 1411

# Weather & Crops

July 05, 2011

## Sustained Dryness, Crops Suffering from Lack of Moisture

For the week ending, July 3, 2011, the days suitable for fieldwork were **6.9** days in Maryland and **6.2** days in Delaware. Soil moisture ratings were very short to adequate in both states. A Delaware crop reporter reported, *"Hot, dry conditions continue."* A Maryland crop reporter reported, *"Dry conditions are causing great concern for crops."*

**Hay supplies** were adequate throughout Maryland and Delaware. The second cutting of **Alfalfa Hay** was more than halfway complete in both States. Producers were on the second cutting of **Other Hay** with Delaware and Maryland at 50 and 65 percent complete, respectively. Sustained dry conditions have caused a slight decline in **Pasture** conditions compared to the previous week. **Corn for grain** in both States was at 100 percent emerged. The corn crop was at 30 percent silked in Delaware and 20 percent in Maryland. Corn conditions in both States ranged from very poor to good. Crop reporters conveyed concern for the corn crop due to lack of much needed rainfall. Some areas reported signs of stress and producers in Delaware reported areas of damage to the corn crop due to excessive drought conditions. Another concern was rainfall may come too late to help crop progress. The majority of the **Soybean** crop was planted in both States. Emergence was at 90 percent in Delaware and 85 percent in Maryland. Blooming was slightly behind 2010 levels for both Delaware and Maryland. Hot and dry conditions have slowed development and some producers may have to replant poorly germinated fields. Others reporters indicated germination is slow because of the lack of moisture. Harvest of the **Barley** crop was wrapping up. **Winter Wheat** was 96 percent harvested in Delaware and 80 percent in Maryland. Conditions for **Apples** and **Peaches** were rated good in both states, but a growing percentage were rated fair. Planting of the summer **vegetable** crop was progressing normally with some crops completely planted. Harvest has begun and should soon hit peak. Cantaloups, cucumbers, green peas, snap beans, sweet corn, tomatoes, and watermelon were all being harvested last week. The **Peach** harvest was off to an early start with Delaware reporting 13 percent and Maryland at 3 percent. **Apples** were also early in Delaware with 10 percent reported harvested.

### MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING July 3, 2011

Crop	Maryland				Delaware			
	Jul 3 2011	Jun 26 2011	Jul 4 2010	5-Year Average	Jul 3 2011	Jun 26 2011	Jul 4 2010	5-Year Average
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Alfalfa Hay, 2nd cutting	85	63	88	69	60	35	67	64
Other Hay, 2nd cutting	65	38	71	38	50	27	57	45
Barley, harvested	99	80	100	80	100	60	100	72
Corn, emerged	100	100	100	99	100	95	100	99
Corn, silked	20	5	37	21	30	4	30	17
Soybeans, planted	92	85	85	87	96	90	99	88
Soybeans, emerged	85	75	90	84	90	63	99	73
Winter Wheat, harvested	80	42	86	59	96	60	91	61
Cucumbers, planted	87	85	82	73	70	68	97	75
Cucumbers, harvested	45	39	24	13	12	10	13	8
Green Peas, harvested	96	85	99	90	100	99	98	88
Lima Beans, planted (ALL)	85	80	72	72	91	76	84	73
Lima Beans, harvested (Proc)	10			3	3			
Snap Beans, planted	80	72	100	83	85	82	98	91
Snap Beans, harvested	21	4	17	10	10	7	28	13
Sweet Corn, planted	92	85	99	95	98	96	99	91
Sweet Corn, harvested	14		11	7	4		4	4
Tomatoes, planted	98	97	100	97	100	100	100	97
Tomatoes, harvested	11		4	4	5		3	2
Cantaloups, planted	90	83	92	91	100	94	100	93
Cantaloups, harvested	10		4	5	2		3	3
Watermelons, planted	97	95	98	96	100	98	100	95
Apples, harvested					10			1
Peaches, harvested	3			2	13			7

### CROP CONDITIONS FOR WEEK ENDING July 3, 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	10	20	35	33	2	10	20	20	50	
Barley			7	75	18	1	2	20	55	22
Corn	9	10	31	46	4	3	17	35	40	5
Soybeans	7	13	30	43	7	2	8	27	57	6
Winter Wheat		1	9	72	18		2	18	62	18
Apples			15	85			1	5	89	5
Peaches			10	89	1	1	1	8	87	3

**SOIL MOISTURE CONDITION FOR WEEK ENDING July 3, 2011**

Condition	Maryland				Delaware			
	Topsoil Moisture		Subsoil Moisture		Topsoil Moisture		Subsoil Moisture	
	Jul 3	Jun 26						
	<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	18	13	17	14	25	16	12	2
Short	44	36	40	27	30	33	38	37
Adequate	35	48	40	55	45	51	50	61
Surplus	3	3	3	4	0	0	0	0

**WEATHER SUMMARY FOR THE WEEK ENDING July 3, 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	0.75	20.18	-0.21	93	58	76	1
Damascus <sup>2</sup>	1.00	25.47	4.90	90	56	74	2
Frostburg	0.37	30.28	6.16	84	52	66	
Hagerstown	0.08	20.04	0.38	90	60	75	2
Mechanicsville	0.21	16.93	-5.74	90	59	73	-2
Patuxent River	0.09	16.85	-3.77	93	65	78	5
Ocean City	1.00	13.26	-8.95	93	62	77	3
Salisbury	0.32	12.85	-9.25	93	59	78	4
Sharpsburg	0.37	24.73	4.42	90	54	72	
Stevensville	0.58	19.70	-1.74	90	61	77	3
Washington DC Reagan National	0.71	16.04	-2.66	95	67	80	2
<b>Delaware</b>							
Dover	0.04	16.82	-5.02	89	60	77	2
Georgetown	0.01	14.96	-6.67	88	57	74	
Wilmington	1.00	20.60	0.06	89	59	75	

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

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