



# Weather & Crops

CW 1512

July 9, 2012

## Triple Digit Temperatures Stress Crops

For the week ending, July 8, 2012, the days suitable for fieldwork were **7.0** days in Delaware and **6.7** days in Maryland. Topsoil moisture levels were short in Delaware and very short in Maryland. Subsoil moisture was short in both Maryland and Delaware. Hay supplies were adequate in Delaware and Maryland. Pasture conditions were good in Maryland and poor in Delaware. Corn and soybeans were in good condition across Delaware and Maryland. Apples and peaches were in good condition in Maryland and fair condition in Delaware. A Delaware crop reporter responded, "Dry conditions prevail through most of Delaware. Vegetable and peach harvests are in full swing." A Maryland crop reporter responded, "Triple digit temperatures with no precipitation have stressed corn and soybeans. Producers are struggling to keep up with irrigation."

The second cutting of **alfalfa hay** was 95 percent complete in Maryland and 93 percent complete in Delaware. The third cutting of alfalfa hay was 13 percent complete in Maryland and 39 percent complete in Delaware. The second cutting of **other hay** in Maryland was 83 percent complete. The second and third cuttings of other hay in Delaware were 79 percent complete and 14 percent complete, respectively. **Corn** was 51 percent silked in Maryland and 53 percent silked in Delaware. **Soybeans** were 99 percent planted, 96 percent emerged, and 12 percent bloomed in Maryland. Delaware soybeans were 98 percent planted, 97 percent emerged, and 19 percent bloomed. **Barley** harvest was complete in Maryland and Delaware. **Winter wheat** was 97 percent harvested in Maryland and 100 percent harvested in Delaware. **Vegetable** planting and harvest continued across Maryland and Delaware.

### MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING July 8, 2012

Crop	Maryland				Delaware			
	Jul 8 2012	Jul 1 2012	Jul 10 2011	5-Year Average	Jul 8 2012	Jul 1 2012	Jul 10 2011	5-Year Average
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Alfalfa Hay, 2nd cutting	95	88	91	80	93	88	75	75
Alfalfa Hay, 3rd cutting	13	4	9	6	39	18		1
Other Hay, 2nd cutting	83	66	72	54	79	70	63	62
Other Hay, 3rd cutting				1	14	3		
Barley, harvested	100	96	100	100	100	100	100	87
Corn, silked	51	23	40	36	53	17	59	35
Soybeans, planted	99	97	93	94	98	95	98	95
Soybeans, emerged	96	90	88	86	97	92	93	84
Soybeans, bloomed	12	5	8	8	19	7	12	7
Winter Wheat, harvested	97	88	91	81	100	96	99	86
Cucumbers, planted	95	92	90	82	92	89	70	83
Cucumbers, harvested	22	15	45	20	23	10	35	15
Green Peas, harvested	100	99	99	95	100	100	100	96
Lima Beans, planted (ALL)	97	95		83	87	79		86
Lima Beans, harvested (Proc)	12	8	13	6	17	5	4	1
Potatoes, harvested	7			6	25			2
Snap Beans, planted	90	86	91	89	91	89	85	92
Snap Beans, harvested	22	12	24	15	29	13	16	18
Sweet Corn, planted	100	99	93	97	98	97	99	97
Sweet Corn, harvested	27	11	17	13	24	7	11	10
Tomatoes, planted	98	97	99	99	100	100	100	100
Tomatoes, harvested	13	8	12	8	13	5	6	4
Cantaloupes, planted	98	96	94	95	99	97	100	97
Cantaloupes, harvested	14	6	12	10	21	11	10	6
Watermelons, planted	99	98	98	99	100	100	100	99
Watermelons, harvested	2		6	4	16	10	6	5
Apples, harvested				1	7		23	6
Peaches, harvested	34		7	5	43		31	15

### CROP CONDITIONS FOR WEEK ENDING July 8, 2012

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	11	24	28	34	3	18	39	21	22	
Corn	9	14	26	36	15	9	21	25	39	6
Soybeans	9	14	26	42	9	3	14	26	44	13
Apples			14	81	5	1	4	46	37	12
Peaches		6	38	50	6	2	5	46	36	11

**SOIL MOISTURE CONDITION FOR WEEK ENDING July 8, 2012**

Condition	Maryland				Delaware			
	Topsoil Moisture		Subsoil Moisture		Topsoil Moisture		Subsoil Moisture	
	Jul 8	Jul 1	Jul 8	Jul 1	Jul 8	Jul 1	Jul 8	Jul 1
	<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	36	20	22	19	39	12	35	7
Short	30	39	41	36	44	37	33	27
Adequate	34	41	37	45	17	51	32	64
Surplus	0	0	0	0	0	0	0	2

**WEATHER SUMMARY FOR THE WEEK ENDING July 8, 2012**

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	0.04	13.63	-7.48	104	67	86	11
Damascus <sup>2</sup>	0.14	20.14	-1.15	96	66	81	7
Frostburg	0.69	20.88	-4.22	91	62	76	10
Hagerstown	0.34	16.87	-3.45	101	68	84	10
Mechanicsville	0.81	16.13	-7.51	98	68	82	7
Patuxent River	0.59	15.37	-5.97	104	70	87	12
Ocean City	0.27	17.94	-4.99	100	65	84	9
Salisbury	0.27	16.85	-6.03	102	67	87	12
Sharpsburg	0.40	18.72	-2.30	98	64	80	9
Stevensville	0.01	13.31	-8.86	101	71	85	10
Washington DC Reagan National	0.02	13.24	-6.18	105	75	90	11
<b>Delaware</b>							
Dover		11.67	-10.96	103	69	85	9
Georgetown	0.13	10.85	-11.40	103	66	87	12
Wilmington		14.23	-7.14	101	65	84	10

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

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