



# Weather & Crops

CW 1510

July 12, 2010

## Much Needed Rain Revives Crops

For the week ending, July 11, 2010, the days suitable for fieldwork were **6.3** days in Maryland and **5.8** days in Delaware. Soil moisture ratings are primarily very short to short in Maryland and short to adequate for Delaware. Crop reporters in both states reported receiving rain over the weekend; however more rain is still needed. One crop reporter on the Upper Eastern Shore reported, "Up to 5.5 inches of rain on Saturday. Too late for some corn fields. Record high heat earlier in the week combined with inadequate moisture resulted in severe plant stress."

**Hay supplies** remained adequate throughout Maryland and Delaware. **Pasture** is rated very poor to fair for Maryland and Delaware. **Small grains** are in mostly fair condition in Maryland and primarily poor in Delaware. The recent rain has been favorable for row crops. **Corn for grain** is in fair condition for both Maryland and Delaware. Maryland is reporting 93 percent completed for the second cutting of **alfalfa hay**, while Delaware reached 75 percent completion. **Other hay** second cutting reached 85 and 70 percent in Maryland and Delaware, respectively. Maryland is reporting 29 percent bloomed for **soybeans** and Delaware is reporting 15 percent bloomed. Maryland is reporting 97 percent completed for **winter wheat** harvest and Delaware has completed harvest at 100 percent. **Apples** and **peaches** are rated in good condition in both states.

### MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING July 11, 2010

Crop	Maryland				Delaware			
	Jul 11 2010	Jul 4 2010	Jul 12 2009	5-Year Average	Jul 11 2010	Jul 4 2010	Jul 12 2009	5-Year Average
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Alfalfa Hay, 2nd cutting	93	91	74	76	75	70	65	78
Alfalfa Hay, 3rd cutting	6		6	9	2		1	5
Other Hay, 2nd cutting	85	75	51	47	70	58	53	62
Other Hay, 3rd cutting			2	1	1			1
Corn, silked	61	43	38	38	56	35	26	35
Corn, dough	9	9	3	1	4	1		5
Soybeans, bloomed	29	11	5	6	15	10	3	7
Soybeans, setting pods				1				
Winter Wheat, harvested	97	92	89	77	100	97	87	75
Cucumbers, planted	87	82	98	80	97	97	95	81
Cucumbers, harvested	24	24	22	19	17	13	10	14
Lima Beans, planted (ALL)	72	72	95	79	87	85		81
Potatoes, harvested	10		18	18	3		9	5
Snap Beans, harvested	21	18	10	23	45	33	11	17
Sweet Corn, harvested	15	13	15	14	11	5	11	13
Tomatoes, harvested	12	5	13	10	8	3	5	4
Cantaloups, harvested	10	5	11	11	12	3	9	8
Watermelons, harvested	5	2	5	3	9	2	5	7
Apples, harvested			4	2			4	1
Peaches, harvested	1		9	9	8		24	14

### CROP CONDITIONS FOR WEEK ENDING July 11, 2010

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	25	30	25	20		12	27	48	13	
Barley	2	19	39	37	3	8	40	29	22	1
Corn	28	22	33	16	1	14	23	48	12	3
Soybeans	27	24	30	18	1	3	9	39	47	2
Winter Wheat	1	16	46	31	6	6	30	29	33	2
Apples			2	97	1	3	8	18	64	7
Peaches		1	5	80	14	2	9	19	63	7

**SOIL MOISTURE CONDITION FOR WEEK ENDING July 11, 2010**

Condition	Maryland				Delaware			
	Topsoil Moisture		Subsoil Moisture		Topsoil Moisture		Subsoil Moisture	
	Jul 11	Jul 4						
	<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	47	50	30	22	27	50	30	48
Short	35	35	47	49	26	37	40	38
Adequate	18	15	23	29	47	13	30	14
Surplus	0	0	0	0	0	0	0	0

**WEATHER SUMMARY FOR THE WEEK ENDING July 11, 2010**

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 Farenheit</i>	<i>Degrees Farenheit</i>	<i>Degrees Farenheit</i>	<i>Degrees Farenheit</i>
<b>Maryland</b>							
Baltimore/Washington AP	0.43	20.24	-1.09	105	68	84	8
Frederick	0.84	21.68	0.44	99	62	81	9
Frostburg	1.69	26.34	0.90	92	55	74	8
Hagerstown	0.26	15.06	-5.48	100	64	84	10
Mechanicsville	0.66	18.22	-5.70	98	61	79	3
Patuxent River	0.12	18.43	-3.15	101	70	83	9
Ocean City	1.25	21.85	-1.32	97	68	81	6
Salisbury	0.43	15.43	-7.71	102	66	81	6
Sharpsburg	0.53	18.53	-2.71	99	55	79	7
Stevensville	1.13	20.34	-2.07	98	52	78	3
Washington DC Reagan National	1.19	15.82	-3.84	102	73	86	7
<b>Delaware</b>							
Dover	2.10	21.48	-1.40	102	69	83	6
Georgetown	1.06	20.42	-2.05	102	68	81	7
Wilmington	0.76	20.08	-1.57	103	70	83	8

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