



# Weather & Crops

CW 0710

May 17, 2010

## Light Frost and Spotty Rainfall throughout Region

For the week ending, May 16, 2010, the days suitable for fieldwork were **6.0** days in Maryland and **6.1** days Delaware. Soil moisture ratings continued to rate primarily adequate. A Southern Delaware crop reporter reported, "Light frost damaged transplants, emerged snap and lima beans. Excessive winds and blowing sand in many fields damaged melon transplants. Dry topsoil in most areas. Farmers irrigating corn."

**Hay supplies** continue to remain adequate throughout Maryland and Delaware. **Pasture** conditions rate fair to good in both states. **Small grains** and **corn for grain** are in good condition. The first cutting for **alfalfa** and **other hay** has taken place in both states. Maryland is reporting 43 percent have completed the first cutting for **alfalfa** and 25 percent for **other hay** while Delaware is reporting 60 percent for **alfalfa** and 50 percent for **other hay**. **Corn for grain** planting is progressing with 84 percent planted in Maryland and 98 percent planted in Delaware. **Corn for grain** is 57 percent emerged in Maryland while Delaware is reporting 82 percent emergence. Maryland is reporting 18 percent planted for **soybeans** while Delaware is reporting 33 percent. **Soybeans** are beginning to emerge in both states—3 percent emerged in Maryland and 4 percent in Delaware. **Barley** and **winter wheat** have headed in both states as well. Maryland is reporting **barley** at 67 percent headed and **winter wheat** at 90 percent headed while Delaware is reporting **barley** at 100 percent headed and **winter wheat** at 98 percent headed.

### MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING May 16, 2010

Crop	Maryland				Delaware			
	May 16 2010	May 9 2010	May 17 2009	5-Year Average	May 16 2010	May 9 2010	May 17 2009	5-Year Average
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Alfalfa Hay, 1 <sup>st</sup> cutting	43		28	32	60		35	35
Other Hay, 1 <sup>st</sup> cutting	25		19	27	50		41	33
Barley, planted	92	85	100	100	100	100	100	100
Barley, emerged	92	85	100	94	100	100	100	99
Barley, headed	67		86	20	100		78	19
Barley, turned	16				1			
Corn, planted	84	74	57	71	98	82	47	78
Corn, emerged	57	36	29	41	82	22	25	49
Soybeans, planted	18	12	7	14	33	3	7	14
Soybeans, emerged	3	1		1	4		3	2
Winter Wheat, headed	90	58	69	67	98	92	51	65
Winter Wheat, turned	13							
Cucumbers, planted	35	35	28	28	38	26	11	19
Green Peas, planted	95	94	97	80	100	100	99	88
Potatoes, planted	100	97	99	99	98	91	98	97
Snap Beans, planted	29	29	25	26	47	36	20	32
Sweet Corn, planted	59	53	30	55	61	37	29	41
Tomatoes, planted	50	27	57	46	53	26	25	31
Cantaloups, planted	52	35	38	38	54	25	12	27
Strawberries, bloomed	96	94	83	90	98	91	99	95
Strawberries, harvested	23		18	12	28		26	14
Watermelons, planted	43	25	27	44	51	26	17	33
Apples, bloomed	100	100	86	96	93	86	86	96
Peaches, bloomed	100	100	100	97	100	100	99	99

### CROP CONDITIONS FOR WEEK ENDING May 16, 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	1	5	22	63	9	1	13	51	25	10
Barley	1	4	10	73	12	3	17	20	60	
Winter Wheat	1	12	21	52	14	3	17	19	55	6

**SOIL MOISTURE CONDITION FOR WEEK ENDING May 16, 2010**

Condition	Maryland				Delaware			
	Topsoil Moisture		Subsoil Moisture		Topsoil Moisture		Subsoil Moisture	
	May 16	May 9						
	<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	8	5	3	2	2	2	0	0
Short	19	16	17	12	31	20	17	4
Adequate	71	76	79	84	61	68	75	76
Surplus	2	3	1	2	6	10	8	20

**WEATHER SUMMARY FOR THE WEEK ENDING May 16, 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 Fahrenheit</i>	<i>Degrees Fahrenheit</i>	<i>Degrees Fahrenheit</i>	<i>Degrees Fahrenheit</i>
<b>Maryland</b>							
Baltimore/Washington AP	0.65	15.64	1.13	88	35	60	-3
Frederick	0.94	15.03	1.33	86	36	57	-3
Frostburg	1.12	16.27	-0.74	81	28	53	-4
Hagerstown	0.59	12.39	-1.16	91	41	60	-2
Mechanicsville	0.18	13.76	-2.50	84	36	58	-5
Patuxent River	0.05	14.23	-0.32	87	41	63	
Ocean City	0.23	16.76	0.08	84	37	61	-3
Salisbury	0.28	12.02	-4.28	85	35	61	-3
Sharpsburg	1.01	13.20	-0.50	88	30	56	-3
Stevensville	1.11	15.34	0.12	83	43	58	-6
Washington DC Reagan National	0.25	10.84	-2.33	89	43	63	-3
<b>Delaware</b>							
Dover	0.51	16.11	0.46	87	41	60	-4
Georgetown	0.18	15.93	-0.17	87	35	60	-2
Wilmington	1.26	16.50	1.75	84	36	57	-6

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