



# Weather & Crops

CW 2211

August 29, 2011

## Soil Moisture Upgraded with Rainfall from Hurricane Irene

For the week ending, August 28, 2011, the days suitable for fieldwork were **4.5** days in Delaware and **5.3** days in Maryland. Soil moisture ratings ranged from very short to surplus in both states. A Delaware crop reporter responded, "Hurricane Irene dumped a tremendous amount of rain. Wet conditions will prevent any field work for some time." A Maryland crop reporter responded, "Still assessing crop damage from Irene. Corn was mostly affected by winds. There is also a large amount of standing water in fields."

**Hay supplies** were mostly adequate in Delaware and Maryland. The third cutting of **alfalfa hay** was over 90 percent complete in Delaware and Maryland. The fourth cutting of alfalfa hay was 23 percent complete in Maryland and 18 percent complete in Delaware. The second cutting of **other hay** was complete in Delaware and nearly complete in Maryland. The third cutting of other hay was 53 percent and 33 percent complete in Delaware and Maryland, respectively. Pasture condition continued to improve throughout Maryland and Delaware with the rainfall late in the week. **Corn for grain** in Delaware was 100 percent dough, 92 percent dent, and 23 percent mature. Maryland field corn was 97 percent dough, 83 percent dent, and 35 percent mature. Due to the storm over the weekend, some corn received damage by high winds. **Soybeans** continued to set pods and were beginning to turn color in some areas. Soybean bloom in Delaware and Maryland was nearly complete. In Delaware, 76 percent of soybeans had set pods, and 1 percent had turned color. In Maryland, 89 percent of soybeans were setting pods, and 5 percent had turned color. **Potato** harvest was 96 percent complete in Delaware and 99 percent complete in Maryland. The **peach** harvest was beginning to wind down in Delaware and Maryland, with harvest progress at 91 percent and 93 percent complete, respectively. **Apples** were 57 percent harvested in Delaware and 26 percent harvested in Maryland. Summer **vegetable** harvest continued throughout Delaware and Maryland.

### MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING August 28, 2011

Crop	Maryland				Delaware			
	Aug 28 2011	Aug 21 2011	Aug 29 2010	5-Year Average	Aug 28 2011	Aug 21 2011	Aug 29 2010	5-Year Average
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Alfalfa Hay, 3rd cutting	90	85	85	88	91	86	71	86
Alfalfa Hay, 4th cutting	23		19	28	18		1	16
Other Hay, 2nd cutting	99	97	98	99	100	100	100	100
Other Hay, 3rd cutting	33	21	49	48	53	47	61	60
Corn, dough	97	91	96	95	100	100	100	90
Corn, dent	83	66	82	70	92	65	94	77
Corn, mature	35		21	21	23		42	35
Soybeans, bloomed	98	94	96	92	99	95	99	93
Soybeans, setting pods	89	77	91	80	76	67	94	75
Soybeans, turned	5		5	7	1		1	7
Soybeans, dropping leaves			1	3				5
Cucumbers, harvested	85	77	82	81	80	76	92	80
Green Peas, harvested	100	90	100	100	100	92	100	100
Lima Beans, harvested (Proc)	65	56	48	57	50	48	65	43
Potatoes, harvested	99	97	96	92	96	93	100	80
Snap Beans, harvested	95	94	84	83	83	79	94	86
Sweet Corn, harvested	81	76	82	84	94	89	98	86
Tomatoes, harvested	80	75	77	74	81	72	91	75
Cantaloups, harvested	83	76	85	82	87	85	95	82
Watermelons, harvested	76	66	76	77	91	85	94	85
Apples, harvested	26	24	34	39	57	52	29	23
Peaches, harvested	93	85	88	84	91	86	95	87

### CROP CONDITIONS FOR WEEK ENDING August 28, 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	5	22	33	29	11	10	16	13	60	1
Corn	16	20	27	33	4	14	23	32	26	5
Soybeans	8	12	30	44	6	1	6	35	42	16
Apples			8	92		1	2	10	83	4
Peaches		2	11	85	2		2	9	84	5

**SOIL MOISTURE CONDITION FOR WEEK ENDING August 28, 2011**

Condition	Maryland				Delaware			
	Topsoil Moisture		Subsoil Moisture		Topsoil Moisture		Subsoil Moisture	
	Aug 28	Aug 21						
	<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	4	8	10	11	0	3	1	11
Short	11	22	19	35	1	27	2	35
Adequate	68	65	60	53	43	60	57	49
Surplus	17	5	11	1	56	10	40	5

**WEATHER SUMMARY FOR THE WEEK ENDING August 28, 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	6.06	31.93	4.65	87	55	75	1
Damascus <sup>2</sup>	2.45	33.10	6.03	88	53	74	2
Frostburg	0.76	35.31	2.74	82	49	67	2
Hagerstown	0.93	29.06	3.26	86	54	73	2
Mechanicsville	9.42	33.72	3.56	87	54	72	-2
Patuxent River	9.61	32.32	4.18	93	58	77	4
Ocean City	4.72	25.98	-4.90	83	55	74	1
Salisbury	6.26	29.47	-1.45	90	58	77	3
Sharpsburg	1.02	31.02	4.90	89	49	71	2
Stevensville	6.11	32.83	4.56	87	65	75	2
Washington DC Reagan National	4.44	27.21	1.51	90	63	78	2
<b>Delaware</b>							
Dover	9.10	33.10	3.69	88	58	75	
Georgetown	5.35	25.18	-4.82	91	57	76	4
Wilmington	7.73	39.00	11.55	86	56	74	

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

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