



# Weather & Crops

CW 1713

July 22, 2013

## Silver Lining in the Heat Wave?...

For the week ending, July 21, 2013, the days suitable for fieldwork were **6.0** days in Delaware and **6.5** days in Maryland. Topsoil and subsoil moisture levels were mostly adequate. Corn and soybeans were in mostly good condition in both States. A Delaware crop reporter responded, *“Extremely hot weather last week - did a lot towards drying up excessive precipitation...”* A Maryland crop reporter responded, *“Hot and dry conditions have prevailed this week. Moisture is now limited in field crops. Vegetable harvest is progressing well...”*

**Hay supplies** were rated mostly adequate in both states. **Pasture** conditions were mostly good in both states. The second cutting of **other hay** was 72 percent complete in Maryland and 85 percent complete in Delaware. The second cutting of **alfalfa hay** was 88 percent complete in Maryland and 90 percent complete in Delaware. **Corn** progress was 84 percent silked, and 10 percent dough in Maryland. Delaware corn progress was 84 percent silked and, 22 percent dough. **Soybeans** were 98 percent planted, 92 percent emerged, and 29 percent bloomed in Maryland. Delaware **soybeans** were 96 percent planted, 90 percent emerged, and 35 percent bloomed. **Potato** harvest was 19 percent complete in Maryland and 25 percent complete in Delaware. **Winter wheat** was 97 percent harvested in Maryland and 97 percent harvested in Delaware. **Vegetable** planting and harvesting continued across both states.

### MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING July 21, 2013

Crop	Maryland				Delaware			
	Jul 21 2013	Jul 14 2013	Jul 22 2012	5-Year Average	Jul 21 2013	Jul 14 2013	Jul 22 2012	5-Year Average
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn, silked	84	45	90	78	84	59	94	85
Corn, dough	10	5	14	16	22		29	28
Soybeans, planted	98	96	100	100	96	91	100	100
Soybeans, emerged	92	89	99	98	90	80	100	99
Soybeans, bloomed	29	14	50	37	35	32	38	33
Winter Wheat, harvested	97	81	100	99	97	85	100	100
Cucumbers, harvested	43	35	39	40	35	32	47	42
Lima Beans, planted (ALL)	100	100	99	95	96	92	96	96
Lima Beans, harvested (Proc)	16	13	18	15	18	15	27	30
Snap Beans, planted	99	98	95	98	100	99	98	98
Sweet Corn, harvested	32	30	49	34	31	9	55	35
Tomatoes, harvested	25	21	27	27	19	13	33	21
Cantaloups, harvested	22	15	30	29	13	9	44	27
Watermelons, harvested	26	12	28	17	13	6	36	24

**CROP CONDITIONS FOR WEEK ENDING July 21, 2013**

Crop	Maryland					Delaware				
	Very Poor	Poor	Fair	Good	Excellent	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>									
Pasture	1	3	9	77	10	1	2	28	61	8
Corn	2	4	12	51	31	2	7	24	46	21
Soybeans	2	3	12	65	18	1	6	29	46	18
Apples			4	95	1	3	5	34	54	4
Peaches	3	4	7	73	13	2	5	27	61	5

**SOIL MOISTURE CONDITION FOR WEEK ENDING July 21, 2013**

Condition	Maryland				Delaware			
	Topsoil Moisture		Subsoil Moisture		Topsoil Moisture		Subsoil Moisture	
	Jul 21	Jul 14						
	<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	1	0	2	0	1	0	0	0
Short	14	1	10	1	3	0	2	0
Adequate	79	67	84	74	72	64	72	70
Surplus	6	32	4	25	24	36	26	30

**WEATHER SUMMARY FOR THE WEEK ENDING July 21, 2013**

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	0.38	24.30	1.78	97	72	85	8
Damascus	0.90	29.11	6.38	93	69	81	7
Frostburg	0.21	23.23	-3.91	91	64	76	9
Hagerstown	1.95	17.27	-4.37	96	70	83	9
Mechanicsville		25.60	0.28	94	70	82	6
Patuxent River		25.23	2.38	95	71	84	9
Ocean City		32.01	7.54	92	70	83	7
Salisbury		32.61	8.10	97	73	86	10
Sharpsburg		19.63	-2.67	96	66	81	8
Stevensville	0.17	29.27	5.66	94	73	84	8
Washington DC Reagan National	1.04	26.65	5.79	97	75	87	7
<b>Delaware</b>							
Dover	0.06	29.12	4.88	95	72	84	7
Georgetown		34.47	10.85	96	73	85	10
Wilmington		28.85	5.80	97	73	85	9

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