

**Climate summary for the week ending 8am 10/20/08**

Temperatures averaged above normal, averaging 55 degrees north, 58 degrees central, and 60 degrees south. Extremes were 85 degrees at Pomona on October 17, 2008 and 24 degrees at Belvidere on October 20, 2008.

Weekly rainfall averaged 0.00 inches north, 0.00 inches central, and 0.00 inches south. The heaviest 24 hour total reported was 0.01 inches at Newton and Cape May Courthouse on October 16, 2008 to October 17, 2008.

Estimated soil moisture, in percent of field capacity, this past week averaged 84 percent north, 76 percent central, and 69 percent south.

Four inch soil temperatures averaged 57 degrees north, 59 degrees central, and 61 degrees south.

Pumpkin Harvest Nears Completion

Days suitable for field work, for the week ending Sunday, October 12, 2008, were 7.0. Topsoil moisture was rated as 5% very short, 25% short and 70% adequate. Subsoil moisture was rated as 30% short and 70% adequate. There were no measurable amounts of rainfall for the week in all localities. Temperatures were above normal during the week across the Garden State. Fall vegetables finishing included peppers, tomatoes, and potatoes. Producers continued harvesting soybeans and corn and planting winter wheat. Final hay-cuttings continued in various localities. Pumpkins rated mostly well as harvesting nearly finished. Other activities across the state included ground maintenance, irrigating fields, and mowing grass.

Weather Summary for the Week Ending Monday, October 20, 2008

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days ¹		Soil Moisture ²
	Last Week	Since March 1		Max.	Min.	Avg.	Dept.*	Total	Dept.*	
		Total	Dept.*							
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Base 50°F</i>	<i>Base 50°F</i>	<i>Percent</i>
North										
Belvidere Bridge	0.00	25.01	-5.67	80	24	56	5	3,086	386	75
Canoe Brook	0.00	28.52	-3.78	80	28	54	2	2,956	236	86
Charlotteburg	0.00	32.37	-0.52	74	31	55	6	2,762	638	79
Flemington	0.00	26.08	-4.69	79	27	55	3	2,945	156	87
Newton	0.01	27.45	-2.53	76	32	56	7	3,107	731	78
Central										
Freehold ³	0.00	N/A	N/A	80	32	57	3	N/A	N/A	80
Long Branch	0.00	24.69	-5.65	80	40	58	4	3,054	97	64
New Brunswick	0.00	33.66	3.32	81	30	58	4	3,366	221	83
Toms River	0.00	27.43	-3.75	83	42	60	5	3,294	341	64
Trenton	0.00	27.51	-1.06	80	37	59	4	3,514	233	63
South										
Cape May C.H.	0.01	19.98	-6.93	84	38	60	2	3,515	432	66
Downtown	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Glassboro	0.00	22.96	-6.70	80	40	60	5	3,576	316	65
Hammonton	0.00	22.06	-7.47	83	34	59	4	3,665	402	63
Pomona	0.00	25.48	-1.17	85	35	60	6	3,643	613	58
Seabrook	0.00	22.13	-5.13	82	35	60	4	3,757	419	64
South Harrison	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

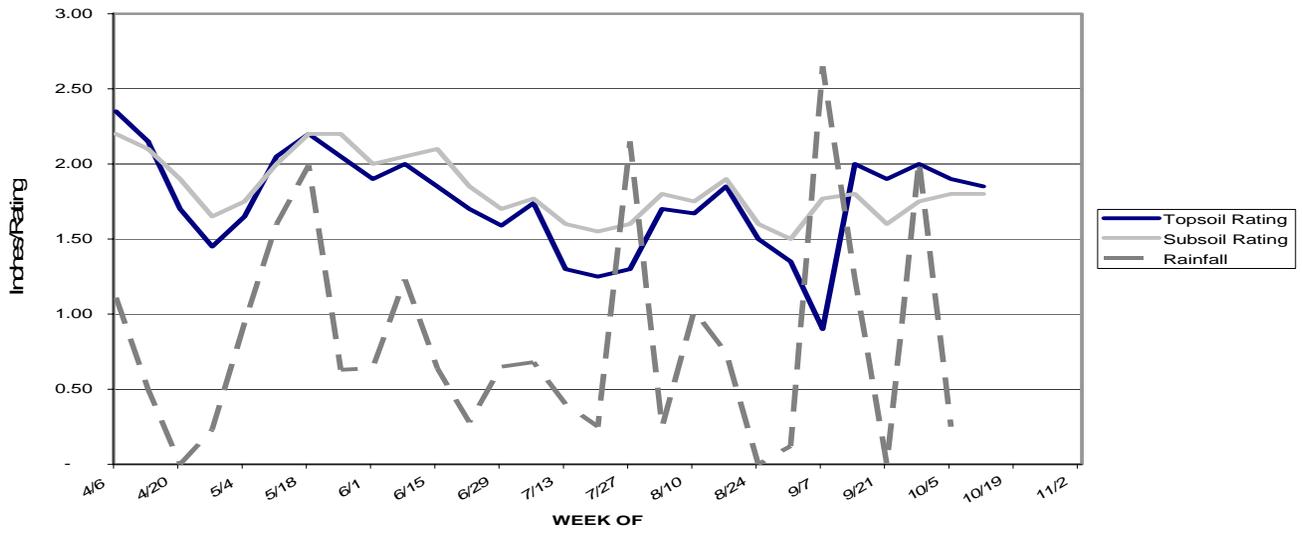
* Departure from normal.

¹ Growing degree days since March 1, 2008, total and departure from normal or long term average.

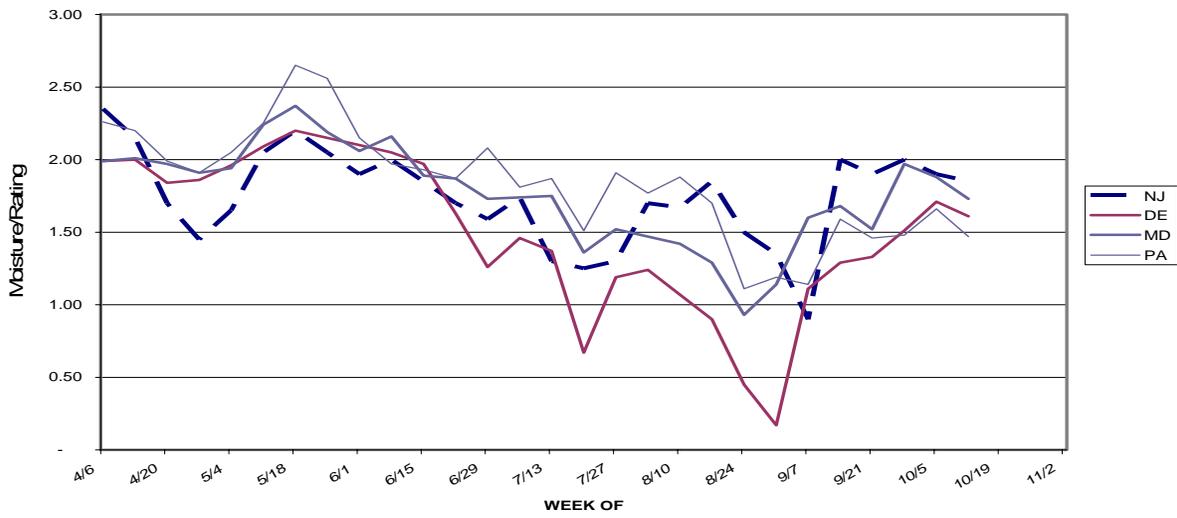
² Estimated soil moisture as % of field capacity based on climate data.

³ Data not available.

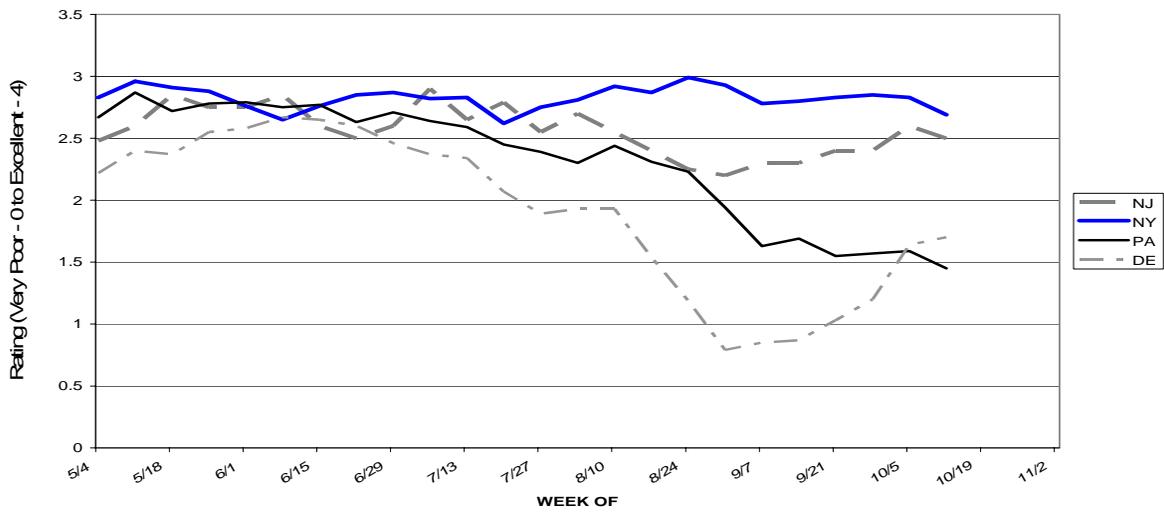
Topsoil/Subsoil v Rainfall Relation(NJ)



Topsoil Moisture



Pasture and Range Condition



Source: http://www.envsci.rutgers.edu/fcst/NJ_AG.htm