Rainfall amounts, none through Wednesday.

Winds for spraying, southwest around 10 mph today, southwest around 5 mph tonight, southwest around 10 mph Wednesday.

Relative humidity in percent, 35 to 45 today, 90 to 100 tonight, 40 to 50 Wednesday.

Dew points, mid 50s today, upper 50s tonight, low to mid 60s Wednesday.

Drying conditions, very good today, good Wednesday.

Frost freeze or dew, heavy dew tonight and Wednesday night.

Percent of possible sunshine, 90 today, 80 Wednesday.

There is a near zero percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Estimated soil moisture in percent of field capacity improved somewhat in most locations over the weekend, but with no rainfall expected through Wednesday; the need for irrigation will once again increase. More showers are expected later Thursday and into Friday.

Temperatures in the representative cranberry bogs will remain above freezing tonight and Wednesday night.

Late season hay cutting will remain good with little if any expected rain along with abundant sunshine but heavy overnight dew through Wednesday. The next threat of showers will be on Thursday and into Friday.

The latest 8 to 14 day outlook for the period October 2, 2007 to October 8, 2007 is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8 am 9/24/07

Temperatures averaged above normal Central and South and much above normal North, averaging 63 degrees North, 64 degrees Central, and 66 degrees South. Extremes were 86 degrees at Downstown, Hammonton, and Canoe Brook on September 22, 2007 and 42 degrees at Flemington, Charlottenburg and Newton on September 18, 2007.

Weekly rainfall averaged 0.19 inches North, 0.09 inches Central, and 0.12 inches South. The heaviest 24 hour total reported was 0.31 inches at Glassboro on September 22, 2007 to September 23, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 87 percent North, 78 percent Central, and 73 percent South.

Four inch soil temperatures averaged 60 degrees North, 62 degrees Central, and 64 degrees South.
Days suitable for field work, for the week ending Sunday, September 23, 2007, were 6.5. Topsoil moisture was rated 35% short and 65% adequate. Irrigation water supply was rated 5% short and 95% adequate. There were few measurable amounts of rainfall for the week in most localities. Temperatures were below normal the beginning of the week and rose to near normal by mid-week, in most areas of the Garden State. Producers irrigated in the southern district. Harvest of field corn for grain began in some central fields. Farmers continued chopping silage. Hay harvest continued across the state. In the central district, growers reseeded pasture grasses and sod. Producers continued harvesting vegetables. Pumpkin harvest continued across the state. Harvest of potatoes and sweet potatoes continued in the south. Cranberry harvest began. Apple trees in mid-harvest in the central and southern districts. Grape harvest progressed in the south. Pasture re-growth was slow.