



# NEW YORK METRO WEATHER

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## J&J Landscaping | Location Forecast July 10th, 2013

Time	Weather	Temp	Intensity	Wind	Accum	Hazard
5:00am	P. Cloudy	73	N/A	W 5mph	N/A	
6:00am	P. Cloudy	75	N/A	W 5mph	N/A	
7:00am	P. Cloudy	76	N/A	W 5mph	N/A	
8:00am	P. Cloudy	78	N/A	W 5mph	N/A	
9:00am	P. Cloudy	81	N/A	SW 5mph	N/A	
10:00am	P. Cloudy	83	N/A	SW 5mph	N/A	
11:00am	M. Sunny	86	N/A	SW 5mph	N/A	
12:00pm	P. Cloudy	88	N/A	SW 5mph	N/A	
1:00pm	M. Sunny	92	N/A	S 10mph	N/A	
2:00pm	P. Cloudy	94	N/A	S 10mph	N/A	
3:00pm	Thunderstorm	88	Heavy	S 20mph	0.15"	Storms
4:00pm	Thunderstorm	84	Heavy	W 25mph	0.25"	Storms
5:00pm	Showers	80	Light	W 20mph	0.35"	
6:00pm	M. Cloudy	76	N/A	W 20mph	0.35"	

**Hazards:** Potential for strong thunderstorms this afternoon.

**Watches, Warnings, Advisories:** None

**Forecast Issued:** 4:00am UTC July 10th, 2013

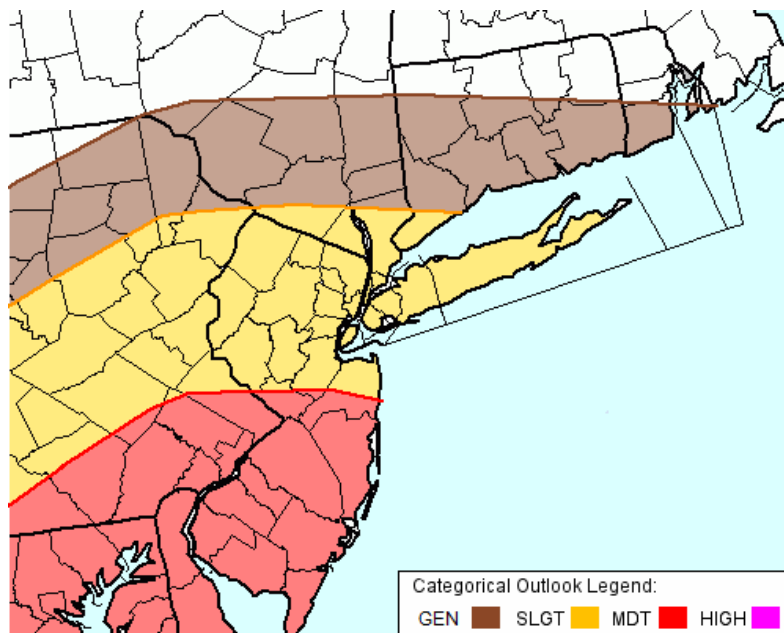
## Today's Weather Briefing:

Very warm start with pleasant conditions and light winds to start. A westerly wind will bring relatively dry conditions through noon with minimal clouds and an increasingly warm sun. Clouds will begin to increase after noon. Thunderstorms are likely by 3-4pm with an approaching cold front. Rain could be heavy at times with severe weather impacts including the potential for large hail and strong gusty winds. The front moves eastward and weather clears out again by early evening.

## Technical Discussion:

A strong upper level system moving through the Great Lakes will bring an enhanced likelihood of severe weather to much of the region later today into tonight. As a cold front moves through Central and Eastern Pennsylvania later this afternoon, moderate instability (which will develop as a result of diurnal heating) coupled with sufficient forcing for ascent will aid in the development of convection. As this occurs, storms will shift eastward toward Western NJ by around 3-4pm.

Of primary concern regarding the severe weather threat is the degree of storm organization. Short term forecast models indicate 0-6km shear only 20-25 knots and low level shear quite weak. As a result, with marginal wind fields, storms are not likely to organize into any MCS this afternoon. Instead, multicellular clusters are expected as the storms move toward Western NJ. Here, relatively cool air aloft and increasing instability will likely lead to the threat for strong winds and small hail in any stronger updrafts. Thunderstorms are expected to clear the coast by later tonight as the front sweeps seaward.



Above: A zoomed-in version of the Storm Prediction Center's severe weather outlook showing the Moderate Risk over much of the Mid-Atlantic extending northward into New Jersey, and a Slight Risk for the NYC Metro and Long Island.