

Monday, Mar. 13, 2017 | 03:10 pm

**Peapack & Gladstone DPW**

# STORM ALERT

**Severe Winter Storm / Worst Case Looking Possible ...** Our strong low pressure system is taking shape and looks like it will rapidly strengthen along the NJ coast in a position to give us the worst case scenario. The onset of snow looks to be slightly quicker, however still bringing heavy snow into the area during the pre-dawn hours. **There is potential with this powerful system to see snowfall rates of 3-4 inches per hour as well as thundersnow with blizzard conditions.** The likelihood of this comes just after daybreak through the morning hours. The closer placement of the system not only means the potential for more precipitation, but also heightens the threat for sleet during the height of the storm. This would come as the heaviest snow works into the area during the morning before changing back to all heavy snow. Heavy snow will taper off in the afternoon, ending in the evening. High winds will lead to extensive blowing and drifting snow, especially through the afternoon and evening hours. Winds may diminish some at night, however blowing and drifting is expected again on Wednesday with a scattered snow shower threat.

ALERT OVERVIEW					
<b>START TIME:</b>	Tonight 11P-1A	<b>END TIME:</b>	Tuesday 2-5P	<b>TOTAL:</b>	20 - 26 inches
<b>DURATION OF PRECIP:</b>	12 - 16 hours	<b>INTENSITY:</b>	Very Heavy		
<b>COMMENTS:</b>	<ul style="list-style-type: none"> <li>- Snow quickly becomes moderate to heavy 1-3A</li> <li>- 1-3"/hr rates 3A-1P ... 3-4"/hr rates 7A-11A ... <b>Blizzard Conditions Expected</b></li> <li>- Sleet may mix in for a period during the mid/late-morning</li> <li>- Extensive Blowing/Drifting Tues Eve and Refreeze Tues Night</li> <li>- Snow shower threat returns on Wednesday</li> </ul>				

PERIOD	FORECAST	TEMPS
<b>TONIGHT</b>	Snow develops 11P-1A. 1-3"/hr rates after 3AM. <i>Night Snow: 5.0-8.0"   NE wind Sust 7-14mph</i>	Low 24-28
<b>TUESDAY</b>	Snow may mix with sleet around daybreak. Very heavy snow (3-4"/hr), turning moderate for afternoon, ending in the evening. <i>Blizzard Conditions expected. Blowing &amp; Drifting snow.</i> <i>Daytime Snow: 15-18"   NE⇒N wind Sust 20-30, gusts 35-45mph.</i>	Temps 27-32
<b>TUES NIGHT</b>	Cloudy and breezy with only a few flurries. Snow shower threat returns after 7AM. <i>Blowing &amp; Drifting with a hard refreeze.</i> <i>Night Snow: Coating possible late   NW wind 7-14, G30 early</i>	Low near 20
<b>WEDNESDAY</b>	Mainly cloudy. Flurries and scattered snow showers continue to threaten through mid-day. <i>Continued blowing/drifting snow.</i> <i>Daytime Snow: Coating-1.0"   WNW winds 8-16, gusts 35-45mph</i>	High 25-30

POTENTIAL HAZARDS:				STORM CONFIDENCE	
Rapid snow accum (1"+/hr)	<b>H</b>	Refreeze (Tues Night)	<b>H</b>	12-20 inches	25%
Blowing & Drifting Snow	<b>H</b>	Accumulation during AM/PM rush	<b>H</b>	<b>20-26 inches</b>	<b>55%</b>
Low Visibility (1/2 mi. or less)	<b>H</b>	Quick Untreated pavement accum	<b>H</b>	26-32 inches	20%
Long storm duration (+12 hrs)	<b>H</b>	Temps during event below 20°	<b>L</b>	---	---
Ice accumulation (from frz. rain)	-	Long duration (+24h) below 32°	<b>H</b>	---	---
Sleet Accumulation	<b>L</b>	Down trees/limbs/power lines	<b>H</b>	<b>*Storm Total*</b> <b>Late Tonight-Tuesday</b>	
<b>Forecast Likelihood of Occurrence: L (Low), M (Moderate), H (High)</b>					

**FORECASTER: Sam DeAlba**

**NEXT UPDATE: As Necessary**