



D-ZONE 3

**THE CONNECTICUT WEATHER CENTER**

**STORM WARNING ADVISORY**

**March 20, 2018 – 3:00 PM**

**NEXT UPDATE - 10:00 PM**

**Discussion:**

**A significant winter storm is beginning to take shape to our south and west. An initial wave of low pressure will quickly scoot eastward passing well south of Long Island by early this evening. Another associated low emerging in the Carolinas will move to a position just off the Mid-Atlantic coast by dawn Wednesday. Strong upper level dynamics will intensify this low and draw it just offshore of the mouth of the Delaware Bay. This system will spread snow across the region early Wednesday with some intense banding developing by around midday that will continue through the afternoon. 1 to 2 inch per hour snowfall rates, and embedded thunder are expected in the heaviest bands. The storm will slowly pivot to a position southeast of Cape Cod late Wednesday night causing the snow to end from west to east before dawn Thursday.**

**Precipitation Type and Intensity:**

**Precipitation will be all snow with this system. Precipitation will be light initially then become heavy at times Wednesday afternoon and evening.**

**Timing and Changeover(s):**

**Light snow will begin between 5 AM and 7 AM Wednesday morning and become heavy at times between 12 PM and 2 PM Wednesday. Snow will continue through the afternoon. Snow will taper to snow showers between 11 PM Wednesday and 1 AM Thursday. Lingering snow showers will end between 3 AM and 5 AM Thursday.**

## **Winds:**

**Winds will be northeast tonight 10-15 mph with some gusts 25-30 mph towards dawn. Winds tomorrow will be northeast 15-20 mph with gusts 30-35 mph. Tomorrow night winds will be north 15-20 mph with gusts 25-35 mph.**

## **Temperatures:**

**Low tonight: 27**

**High tomorrow: 33**

**Low tomorrow night: 28**

## **Total Snow Accumulations:**

**12 ½ to 13 ½ inches**

## **Peak of Storm:**

**Between 1 PM Wednesday and 12 AM Thursday**

## **Recommendations:**

**Pretreatment will be needed late today with additional treatments Wednesday. Plowing will be needed for Wednesday afternoon and night.**

## **Confidence Levels:**

**High confidence.**

## **Post Storm Weather:**

**Thursday: Becoming partly sunny and breezy. High around 40.**

## **Concerns:**

**None**

Total Snowfall Accumulation Map:

