



WINTER STORM UPDATE
Friday January 22, 2016
Issued at 1:15 PM

DEPARTMENT OF EMERGENCY SERVICES AND PUBLIC PROTECTION
DIVISION OF EMERGENCY MANAGEMENT AND HOMELAND SECURITY

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**WINTER STORM WATCHES ISSUED FOR SOUTHERN CT...
 LATEST COMPUTER MODELS TRENDING A LITTLE NORTH AGAIN WITH A VERY
 SHARP NORTHERN EDGE TO THE SNOWFALL OVER CONNECTICUT...**

The last model runs of the GFS, NAM and EURO model forecasts are in good agreement on the track however they are still not in good agreement on the amount of snowfall for Connecticut. The NAM has more than twice the snowfall of either the EURO or GFS. All three models are still showing a very narrow snowfall cutoff across Connecticut meaning that any slight change in the track will result in a very significant change in snowfall.

The following forecast is based on a blend of all three models: Light snow is forecast to spread from south to north across the state tomorrow morning between 6:00 – 10:00 AM. The snow is forecast light to moderate in northern CT and moderate to heavy at times along the coast by late Saturday afternoon. The snow is forecast to continue Saturday evening and begin tapering down around midnight. The snow is forecast to end before dawn on Sunday. The snow is forecast to be fairly dry and powdery. The snow will be accompanied by strong Northeast winds gusting to 35 – 45 MPH at times. Cold temperatures in the upper 20's are also expected.

Total snowfall predictions at this time range from 2" – 3" in northern CT, 3" – 6" in central CT and 6" – 10" along the coast. Note: Very heavy snow with blizzard conditions are expected just to our south over Long Island and New York City.

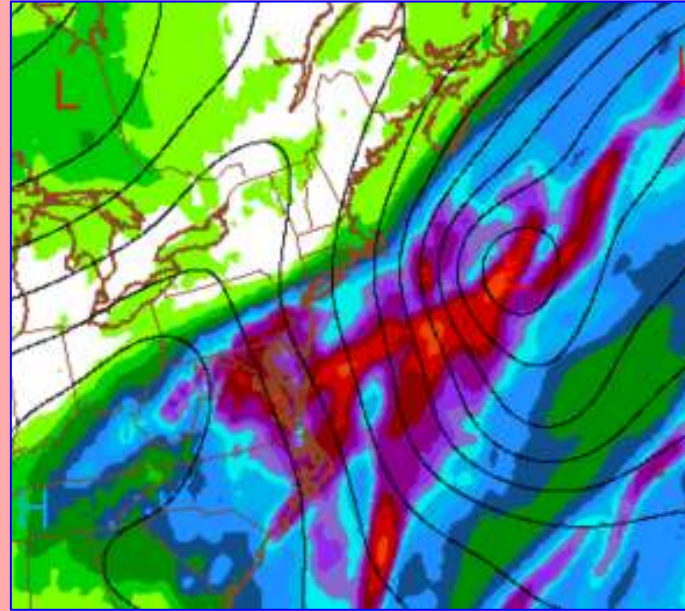
Current Forecasted Impacts (Solid Blocks on Graph):

Travel Impact:	Saturday AM Minor	Saturday PM Moderate	Sunday AM Minor
Coastal Flooding:	Saturday AM Minor	Saturday PM Moderate	Sunday AM Minor
Overall Impact:	Minor to Moderate		
Forecast Confidence:	Good Confidence for Track / Fair Confidence for Snowfall		

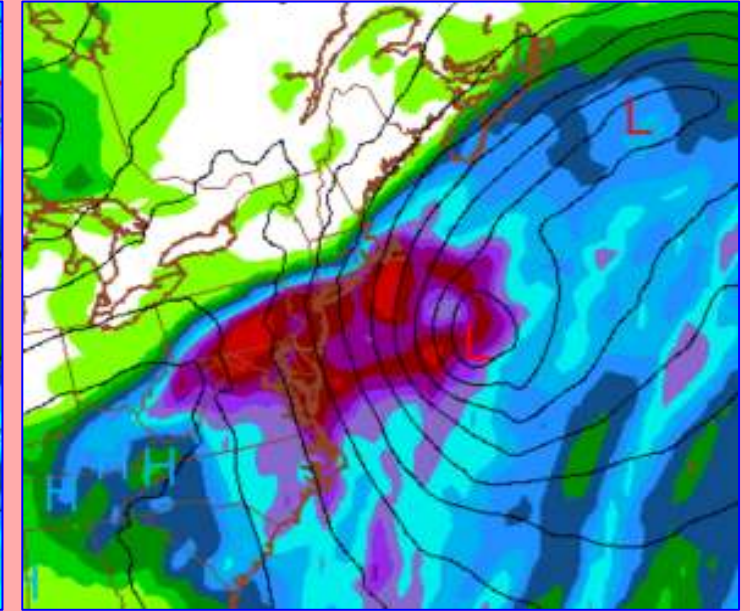
Current Worst Case Scenario 20% Chance (Dashed Line Blocks on Snow Graph):

The 20% chance scenario is based on a track 40 miles farther to the North with a stronger storm. If the storm tracks closer we could still see 1 – 2 feet of snow along the coast and up to a foot in the Hartford area. Strong winds up to 60 MPH could be expected along the coast. We could also see high end moderate coastal flooding and more significant numbers of power outages. The overall impact in the worst case would likely be major in Southern CT and Moderate in Northern CT.

GFS MODEL FORECAST



NAM MODEL FORECAST



Current Tide Forecast

Location	Time (EST)	Level (NGVD)	Level (MLLW)	Tide	Flooding Impact
Bridgeport	4:00 AM	-4.15 ft	-0.54 ft	Low	None
	11:00 AM	+4.78 ft	+8.39 ft	High	Minor
	5:00 PM	-2.48 ft	+1.13 ft	Low	None
New London	11:00 PM	+5.89 ft	+9.50 ft	High	Moderate
	3:00 AM	-1.93 ft	-0.38 ft	Low	None
	9:00 AM	+1.68 ft	+3.23 ft	High	Minor
New London	3:00 PM	-1.14 ft	+0.41 ft	Low	None
	9:00 PM	+2.39 ft	+3.94 ft	High	Minor

Current Wind Forecast

Location	Sustained (MPH)	Max Gust (MPH)	Impact on Trees and Power Lines
INLAND	15 – 25 MPH	30 - 40 MPH	Minor
COAST	25 – 35 MPH	35 – 45 MPH	Moderate

Intensity

Snowfall Intensity Forecast

Inches / Hr

