



New York Metro Weather LLC

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Your Location | January 4th, 2018

High Temp	Total Precip	Average Wind	Hazards	Salters	Plow
27 F	7-11" Snow	NW 23 mph	Yes	Yes	Yes

Hourly Forecast

Time	Weather	Temp	Wind	P. Chance	P. Accum	Hazards
4:00am	Snow	28	N 15 mph	Likely	0.2"	Yes
5:00am	Snow	28	N 15 mph	Likely	0.8"	Yes
6:00am	Snow	28	N 15 mph	Likely	1.6"	Yes
7:00am	Snow	27	N 15 mph	Likely	2.4"	Yes
8:00am	Snow	27	N 15 mph	Likely	3.2"	Yes
9:00am	Heavy Snow	26	N 17 mph	Likely	4.1"	Yes
10:00am	Heavy Snow	26	N 20 mph	Likely	5.5"	Yes
11:00am	Heavy Snow	26	N 23 mph	Likely	6.8"	Yes
12:00pm	Heavy Snow	26	NW 25 mph	Likely	8.0"	Yes
1:00pm	Snow	25	NW 27 mph	Likely	8.8"	Yes
2:00pm	Snow	25	NW 29 mph	Likely	9.3"	Yes
3:00pm	Light Snow	25	NW 29 mph	Likely	9.5"	Yes
4:00pm	Light Snow	25	NW 29 mph	Chance	9.6"	Yes
5:00pm	Snow Shower	24	NW 29 mph	Chance	9.7"	Yes
6:00pm	M. Cloudy	24	NW 27 mph	--	--	Yes
7:00pm	M. Cloudy	23	NW 25 mph	--	--	Yes
8:00pm	P. Cloudy	22	NW 23 mph	--	--	Yes

Forecast Discussion

A powerful winter storm will pass offshore, bring snow and strong winds. Current radar and satellite trends have indicated that this storm will have heavier snow than what was forecast yesterday, as the storm is exploding with precipitation. Thus, steady moderate snow will begin in earnest by 4:00am and gradually pick up throughout the morning. A heavy band of snow is likely to pivot from the ocean and meet up with a sinking southeast band in the Hudson Valley to create one "mega" snow band that will have snowfall rates between 1-2" per hour for multiple hours. This heavy band is likely sometime from the mid-morning through the late-morning. Snow will continue and accumulate afterward, but gradually lighten in intensity, but not after around 10" of snow has fallen. We cannot rule out an even higher ceiling than the 11" that was listed on the table, but we will write a quick email update in a couple/few hours if we still believe that ceiling needs to be increased. Snow will finally taper off during the late-afternoon.

With such a strong storm, winds will also be quite high. Winds will be sustained between 20-30 mph and gusting up to 45 mph, which will create blizzard-like conditions at times, with very low visibilities and blowing snow. Temperatures will also drop quickly behind this storm, as they will plummet to the low teens. When combined with the wind, wind chills will potentially fall as low as -5F.

Look Ahead

Record cold is likely. With continued very strong cold air advection with 850mb temperatures -25 to -30C, Friday will have a very hard time warming up at all. In fact, temperatures may end up staying basically steady in the low teens for most of the day, with continued gusty winds leading to wind chills below 0F the entire day. Friday night has a chance to go approach 0 for a low, thanks to the snowpack. Saturday will have Arctic high pressure sitting overhead, so it may also struggle to get out of the single digits. Saturday night also has a chance to approach 0 degrees. We will begin to moderate a tad on Sunday, and actually briefly warm up to seasonable levels early next week.

Friday	Friday Night	Saturday	Saturday Night	Sunday
13 F	3 F	12 F	4 F	23 F
Sunny, V Cold	M. Clear	Sunny, V Cold	M. Clear	Sunny

Forecast Issued: 2:00am 1/04/2018 | **Forecaster:** DS