

LATE WEEK WEATHER TRENDS FOR THE NORTHERN MIDDLE ATLANTIC, NEW YORK & NEW ENGLAND

FAX-ALERT WEATHER SERVICE, LLC

Friday, February 20, 2015

3 AM



www.nypropane.com MEMBER SERVICE

ARCTIC KING RULES THROUGH NEXT WEEK

SOME LARGE SCALE PATTERN INDEX TRENDS SUGGEST A LESS HARSH PATTERN DEVELOPS DURING EARLY MARCH; ALTHOUGH OVERALL A COLDER THAN NORMAL REGIME WILL LIKELY STAY IN PLACE...

WEEKEND STORM HAS TRENDED SOUTHWARD AND LESS STRONG...

THIS MEANS THAT MUCH OF THE INTERIOR NORTHEAST WILL DEAL PRIMARILY WITH A MOSTLY LIGHT TO MODERATE SNOWFALL WITH LITTLE IN THE WAY OF MIXED PRECIP...

LESS SNOW AND MORE MIXTURE POTENTIAL WILL EXIST ACROSS THE COASTAL PLAIN FROM NJ ON ACROSS MUCH OF THE NYC/LI AREAS, SOUTHEASTERN CT, RI AND MUCH OF SOUTHEASTERN MASSACHUSETTS...

WHILE THIS STORM MAY NOT PRODUCE TRULY HEAVY SNOWFALL AMOUNTS, THE ADDED SNOW AND MIXED PRECIP WILL CONTINUE TO STRESS ROOF STRUCTURES ACROSS MANY PARTS OF EASTERN NEW ENGLAND...

SOME MODELING STARTING TO JUMP ALL OVER ANOTHER MAJOR WINTER STORM EVENT DURING THE MIDDLE OF NEXT WEEK...

TOO EARLY TO LOCK ANYTHING IN GIVEN THE OPTION RANGING FROM A BLIZZARD TO A COMPLETE OFFSHORE WHIFF, BUT IT IS DEFINITELY CONCERNING TO SEE SOME OF THE MODELING MOVING TOWARD ANOTHER BIG HIT EVENT!!!

FEBRUARY TEMPERATURE TRENDS

The current bitter cold air mass now covering much of the eastern U.S. and the likelihood it will be replaced by another arctic blast next week guarantees February 2015 will not end on a mild note! It will be interesting to see the final numbers late next week and odds favor many areas across the Northeast sector of the country recording a top 2 or 3 coldest Februarys on record! And yes, it is still within the realm of possibilities that a location or two sees their coldest February ever!!!

As you would expect, there has to be an end to this seemingly endless run of arctic intrusions. Well if the long range modeling trends are correct, we will see the pattern once into March transition into a colder than normal regime and in the process lose some of its harshness!

I will tell you this though; when we start seeing temps run only a few degrees colder than normal, not 20 or 30 degrees colder than normal as in recent weeks, many folks are going to think summer has arrived early. A case in point was yesterday when I heard folks chatting about how nice and mild it was as the temp nudged the 30 degree mark across CT; not realizing the normal high for my region is about 40 degrees. It has been so cold that a mere 10 degrees colder than normal was feeling pretty good!

So in summary, bitter cold air mass intrusions will continue into and through next week. Any moderation will be storm induced and very brief! Early March will likely see a less harsh cold pattern develop, but odds still favor a colder average overall.

DISRUPTIVE WEATHER OUTLOOK

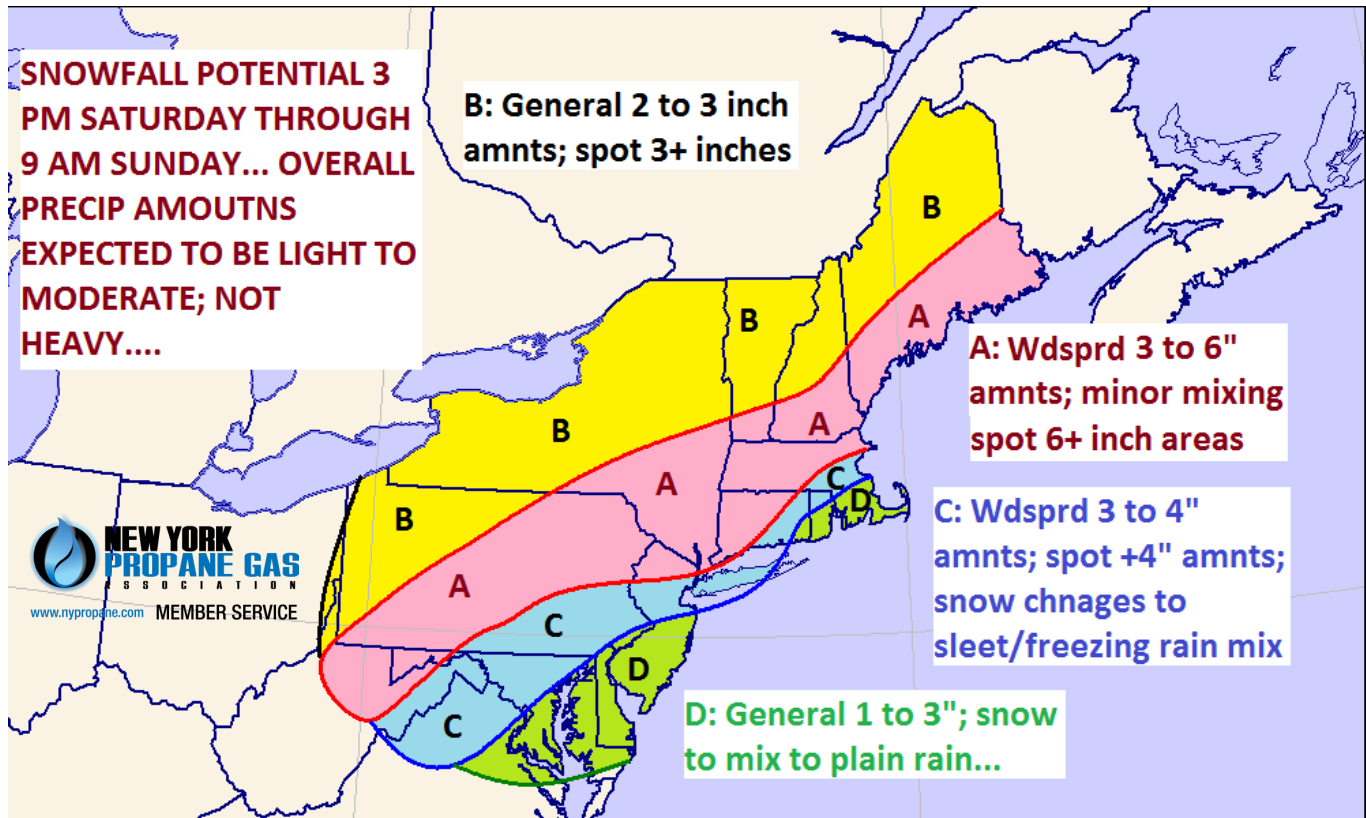
OVERVIEW: The weekend storm has trended further south and weaker. This means less of a potential for heavy precip and thus a bit of a break as it concerns lots of additional weight added to already over-loaded roof areas. I still have a concern though that given the potential for the snow to transition into mixed precip, possibly even rain across parts of the NYC/LI areas on across parts of southeastern CT, RI and southeastern Massachusetts we could still experience a rash of structure failures Saturday night or Sunday. The saving grace, at least this time around, is that precip amounts may stay in the light to moderate category (generally 0.4 to 0.7 inches of total liquid equivalent). This does not mean it is a lock we will not see more issues develop, but maybe we can limit the additional stress to area roofs that have not been cleared yet.

Before we detail the Saturday into Sunday storm, let's look a little further down the road. It is a bit disturbing to see some of the major model suites trying to lock into another blockbuster storm event during the middle of next week. Luckily not all modeling is onboard and there is time for this to trend weaker or completely miss. That being said, at least a "heads-up" is required at this time.

Saturday – Sunday: A relatively weak disturbance will be crossing the Midwest later today and then approach the Northeastern states by Saturday afternoon and evening. This system has been getting shunted southward over the past couple of days and the dynamics associated with it do not look overly strong. The more southward track means less of a chance of mixture issues moving bodily northward into Upstate NY or central & northern parts of New England. While some mixed precip may spread as far northward into interior southeastern NY to just south of Albany and across parts of Southern New England, I suspect the locations most likely to see a full transition to sleet and rain will run from parts of central & northern NJ on across extreme southeastern NY, the greater NYC/LI areas, parts of southeastern CT on across RI and southeastern Massachusetts, generally south of the I-90 corridor.

Map and Details on page 3...





Snow will spread across eastern PA/NJ on into much of southeastern NY and Southern New England during the mid to late afternoon and early evening periods. The precip shield will then continue to expand northward across much of eastern and Upstate NY, as well as VT/NH and Maine as the evening and overnight periods develop.

There has been a general speed up in the storm's forward motion and currently it appears the precip will end across eastern PA/NJ, eastern NY and much of western New England during the mid to late morning hours Sunday, and then by mid or late afternoon across far eastern New England.

ZONE A: The best chance for a solidly moderate snowfall in the range of **3 to 6** inches with some scattered +6 inch zones runs from central PA on north and east across northeast PA/northern NJ, much of southern NY, western CT, the western 2/3's of Massachusetts, far southern VT, southern NH and southern portions of Maine. I would not rule out a period of mixed precip in these areas but right now I favor a mainly snow event.

ZONE B: From western PA, north-central and western NY on across much of central & northern VT, northern NH and much of northern Maine, I favor a general **2 to 3 inch** accumulation given the further south track of the system. Some 4 inch totals are possible if the system trends a bit further north again, in fact amounts would jump considerably higher with any northward jog.

ZONE C: For much of southeastern PA, central NJ, the NYC/central/western LI areas, parts of eastern CT, northern RI and far northern southeast Massachusetts a general **2 to 4 inch**

accumulation with sleet and freezing rain is my
up quite a bit of error potential across Zone C.

call. Obviously the mixed precip potential opens

ZONE D: From far southern NJ, on across far eastern LI, far southeastern CT, southern RI, and southeastern Massachusetts (south of the I-95 corridor), the forecast is for a general **1 to 3** inch snowfall & sleet accumulation followed by freezing rain and then plain rain.

ARCTIC AIR WILL QUICKLY SPREAD BACK INTO THE REGION LATE SUNDAY NIGHT AND EARLY MONDAY WITH RAPID REFREEZING OF WET AREAS OR EVEN A FLASH FREEZE TYPE EVENT POSSIBLE.

Meteorologist John Bagioni

FAX-ALERT WEATHER SERVICE, LLC

BURLINGTON, CT Tel. (860) 675-9091, cell: (860) 930-6534 email: john@faxalertweather.com

Twitter @faxalertweather



www.nypropane.com MEMBER SERVICE