



Storm Alert

**COLD SEASON ALERT
SAMPLE REPORTS**

WEATHER ALERT

Significant Winter Storm Tomorrow... Today will be quiet across the region. A chilly night follows, which will set the stage for the next winter storm. Flurries will become possible Friday early afternoon, before steadier snow builds 2 - 4PM. At first, it will be light, but still capable of covering all surfaces with cold grounds. Not long after, snow intensity increases moderate to heavy, with a period of 1 - 2" per hour snowfall rates into the evening (particularly 7 - 11PM). After Midnight, the heaviest snow bands will exit, leaving us with lighter / variable intensity. This likely allows some sleet and a bit of freezing drizzle to briefly mix in. It wont accumulate to much, but can make things denser and / or slick. Later at night, the back-side of the storm will result in one last period of snow, ending early Saturday... Overall, 8.0 - 12.0" of snow is expected, with the bulk occurring before Midnight. Gusty winds can lead to some blowing / drifting during and after the storm as well as isolated power outages.

OVERVIEW				
Start Time	End Time	Total	Snow Confidence	
Friday 2:00 PM - 4:00 PM	Saturday 5:00 AM - 8:00 AM	8.0 - 12.0" Snow	4.0 - 6.0"	5%
			6.0 - 8.0"	20%
			8.0 - 12.0"	60%
			12.0 - 16.0"	15%
PAVEMENT DETAILS	Accumulation	7.0 - 11.0" Snow	First Inch	Fri 3:30 PM - 5:30 PM
	Comments	Snow will stick to untreated pavements as soon as it turns steady with cold grounds.		

HAZARDS		
Hazard	Threat	Description
Ice	Low	Some sleet and brief freezing drizzle mix in after Midnight leading to patchy ice. Otherwise, daily post-storm melt/refreeze cycles over the weekend.
Snowfall Rate	Very High	Snow rates reach 1 - 2" per hour 7 - 11PM. Otherwise, light to moderate intensity.
Blowing Snow	Moderate	Gusty winds will cause blowing / drifting, particularly later Fri Night into Sat Morning.
Downed Trees	Low	A few downed limbs and power outages possible.

FORECAST	
Thursday	Partly sunny and chilly. High 28 - 32 W wind 5 - 10 mph
Thu Night	Partly cloudy and cold. Low 15 - 19 Light / Variable winds
Friday	Cloudy and breezy. A few flurries possible just before, otherwise light snow arrives 2 - 4PM, turns steadier / heavier towards sunset. 1.0 - 2.0" of Snow Temps 25 - 29, cool late in snow NE wind 8 - 15 mph, gusts to 20
Fri Night	Moderate-heavy snow for a few hours in the evening. Snow trends much lighter after midnight, with some sleet / freezing drizzle mixing in. One last period of snow returns later at night. Windy and cold. 7.0 - 10.0" of Snow (additional... Storm Total 8.0 - 12.0") Temps hold 20 - 25 (wind chill near 10) NNE wind 15 - 25 mph, gusts to 35
Saturday	Any remaining flurries exit by 5 - 8AM. Breezy at first, then clouds give way to breaks of sun. High 28 - 32 N wind 10 - 15 mph, gusts to 25 early

Forecaster: Rob Reale

WEATHER ALERT

Period of Snow Arrives Late in the Day... After a quiet start to the day, clouds will increase ahead of our next system. With temps starting around 40 degrees, light snow will briefly mix with rain at the onset. Regardless, pavements will struggle during the daytime hours, with accumulation only beginning on colder / grassy surfaces. After sunset (and around the tail-end of the PM rush hour), temps will settle near to below 32 and the intensity will increase, causing coverage on all surfaces. This will produce a relatively "normal" to "dense" snow accumulation through Midnight that is likely plowable, before tapering to lighter flurries into the pre-dawn. Temps then settle through the 20s late at night, resulting in a refreeze concern into Friday Morning.

OVERVIEW				
Start Time	End Time	Total	Snow Confidence	
Thursday 3:00 PM - 5:00 PM	Friday 2:00 AM - 4:00 AM	2.0 - 4.0" Snow	1.0 - 2.0"	15%
			2.0 - 4.0"	60%
			4.0 - 6.0"	25%
PAVEMENT DETAILS	Accumulation	1.0 - 2.5" Snow		First Inch Thu 8:00 PM - 10:00 PM
	Comments	Initial snow will fall in the afternoon with temps above 32, thus pavements stay wet / variable until after sunset. Snow accumulates on all surfaces from there.		

HAZARDS		
Hazard	Threat	Description
Ice	Moderate	As snow ends late tonight, temps will fall further into the 20s, resulting in a refreeze of any remaining untreated wet / snow-covered areas.
Snowfall Rate	Moderate	Snow will generally be light, but can briefly be moderate intensity during the evening (mainly 6 - 11PM). Snow will be fairly wet / dense, trending a little fluffier later on.

FORECAST	
Thursday	Mostly sunny start, then increasing clouds. Light snow (may mix with brief rain at first) begins 3 - 5PM, becomes steady and moderate intensity into the evening. <i>Scattered Coating - 1.0" of Snow (mainly on colder / grassy surfaces before sunset)</i> High around 40, settles 32 - 35 in snow late NW winds 5 - 10 mph
Thu Night	Periods of light to moderate snow before Midnight, ending as flurries by 2 - 4AM. Then partly cloudy. <i>1.5 - 3.0" of Snow (additional snow, covering all surfaces... Storm Total 2.0 - 4.0")</i> <i>Watch for refreeze of wet / snow covered areas post-storm</i> Low 25 - 29 N wind 5 - 12 mph
Friday	Partly sunny and a bit breezy. High 34 - 38 NW wind 10 - 15 mph, gusts to 25
Fri Night	Mainly clear and chilly. Low 20 - 24
Saturday	Partial early sun, then mostly cloudy. A snow shower or two possible later in the afternoon. <i>30% chance for a Scattered Coating - 0.5" of Snow</i> High 28 - 32

Forecaster: Rob Reale

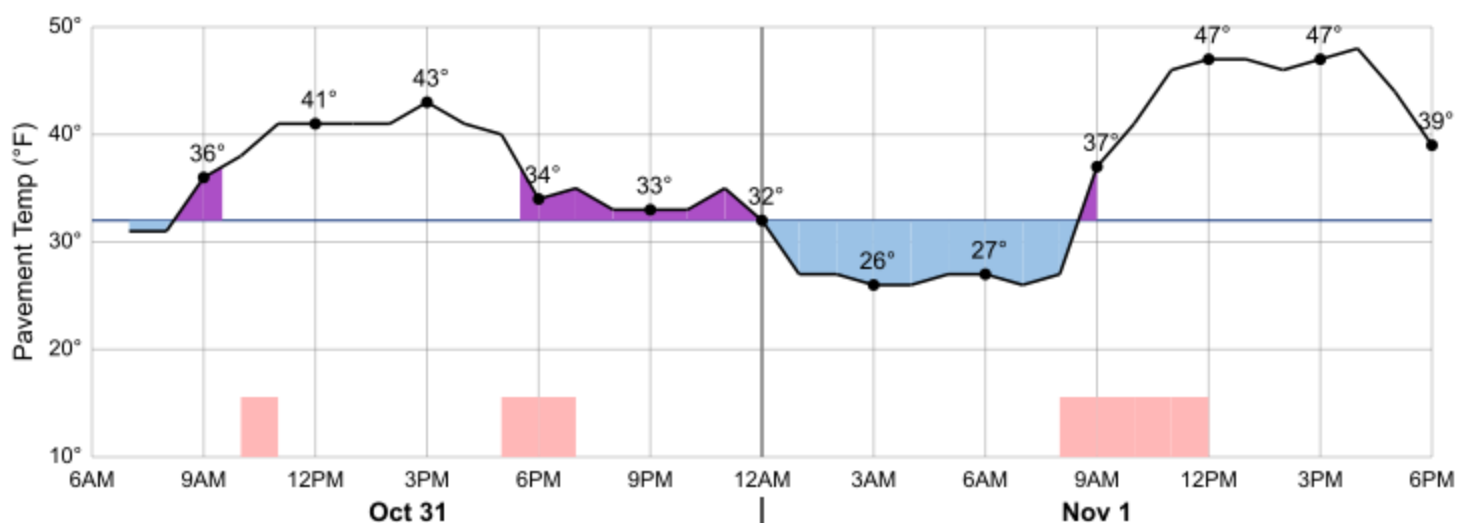


Storm Alert

PAVEMENT FORECAST SAMPLE REPORT

Note: Pavement information always follows appropriate
Alert and Daily forecasts within the same from.

PAVEMENT RISK INFORMATION



Pavement Ice Risk

- Caution: The pavement may be cold enough for ice to form
- Warning: The pavement is cold enough for ice to form
- Melting of snowpack expected

		Minimum 3hr Pavement Temp	Snow Melt	Weather
Oct 31	6 AM - 9 AM	31	No	Mostly cloudy. A couple of flurries possible before, then snow arrives 7 - 9AM. Steady activity lasts 1-2 hours, then quickly exits. Scattered snow showers / squalls follow through the day.
Oct 31	9 AM - 12 PM	36	Yes	
Oct 31	12 PM - 3 PM	41	No	
Oct 31	3 PM - 6 PM	40	No	
Oct 31	6 PM - 9 PM	33	Yes	Lingering showers / squalls exit 9 - 11 PM. Then, turning mainly clear and cold.
Oct 31	9 PM - 12 AM	33	No	
Nov 1	12 AM - 3 AM	27	No	
Nov 1	3 AM - 6 AM	26	No	
Nov 1	6 AM - 9 AM	26	No	Initial sun fades behind increasing clouds.
Nov 1	9 AM - 12 PM	37	Yes	
Nov 1	12 PM - 3 PM	46	Yes	
Nov 1	3 PM - 6 PM	44	No	

Pavement Risk™ empowers you with high-quality meteorological data to aid in making crucial weather-sensitive decisions by providing a 36-hour forecast of pavement temperatures, snow melt, and critical temperatures. This product was carefully tested and achieved a mean absolute error of 1.5 – 2.0 degrees. These pavement temperatures are representative of exposed main roadways as shaded, sheltered and less traveled surfaces may be cooler. For feedback, please email PPT@weatherworksinc.com.