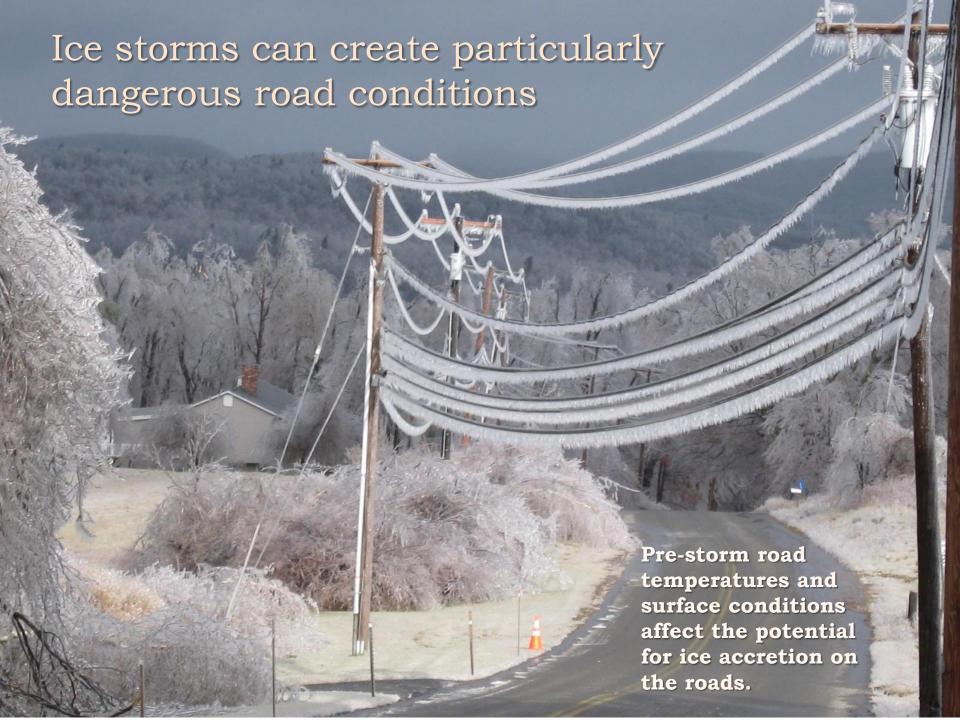


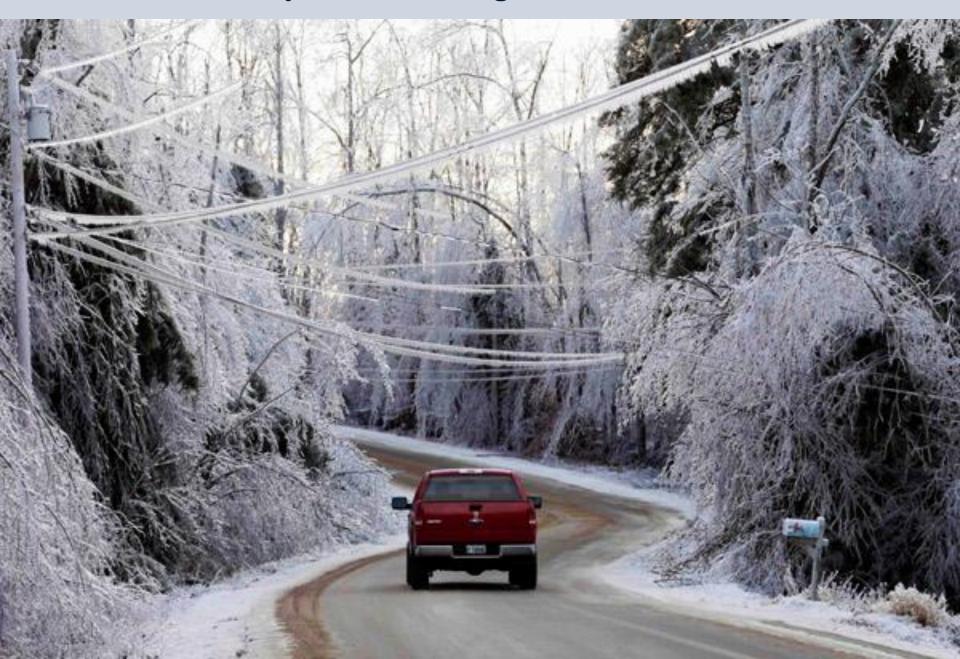
If light snow is falling with temperatures near freezing the traffic will melt the snow on roads making wet road surfaces.

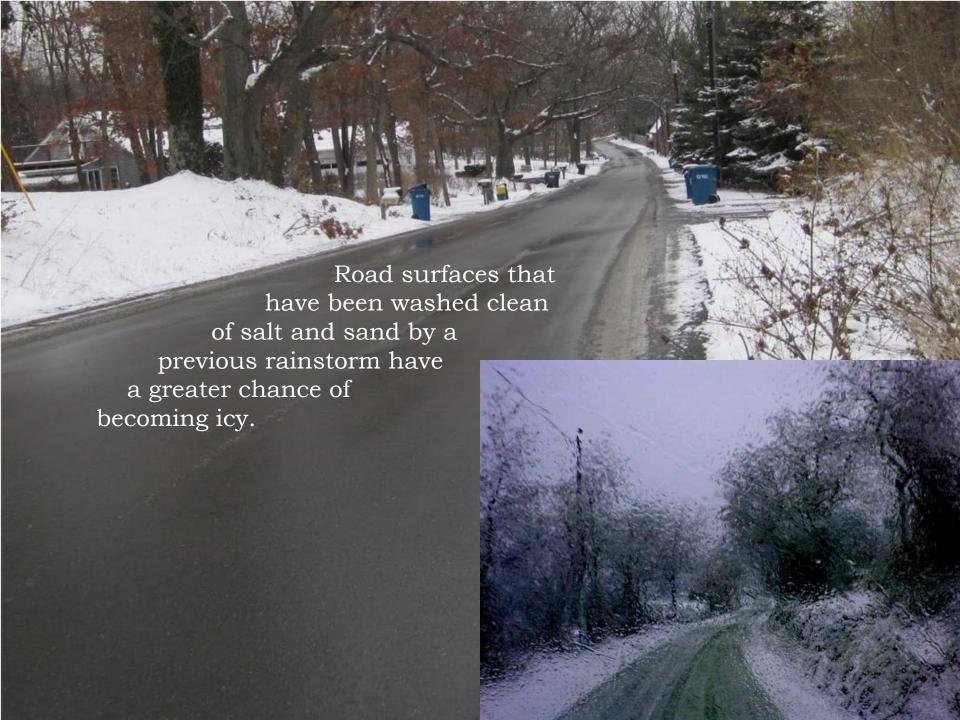
If the light snow continues as temperatures fall, such as during a strong cold frontal passage, the moisture will remain on the roads and turn to ice.





Freezing rain occurs as a cold rain falls into a thin layer of subfreezing air near the surface.





Low clouds and moisture moving in from the Maritimes ahead of a winter storm can produce a period of light freezing drizzle. Snow may then spread over the region hiding the icy roads beneath.

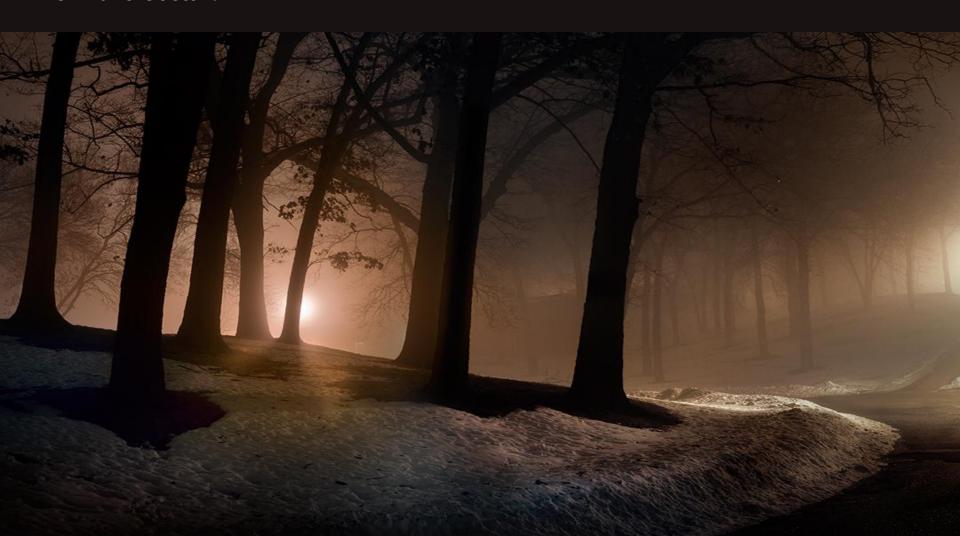


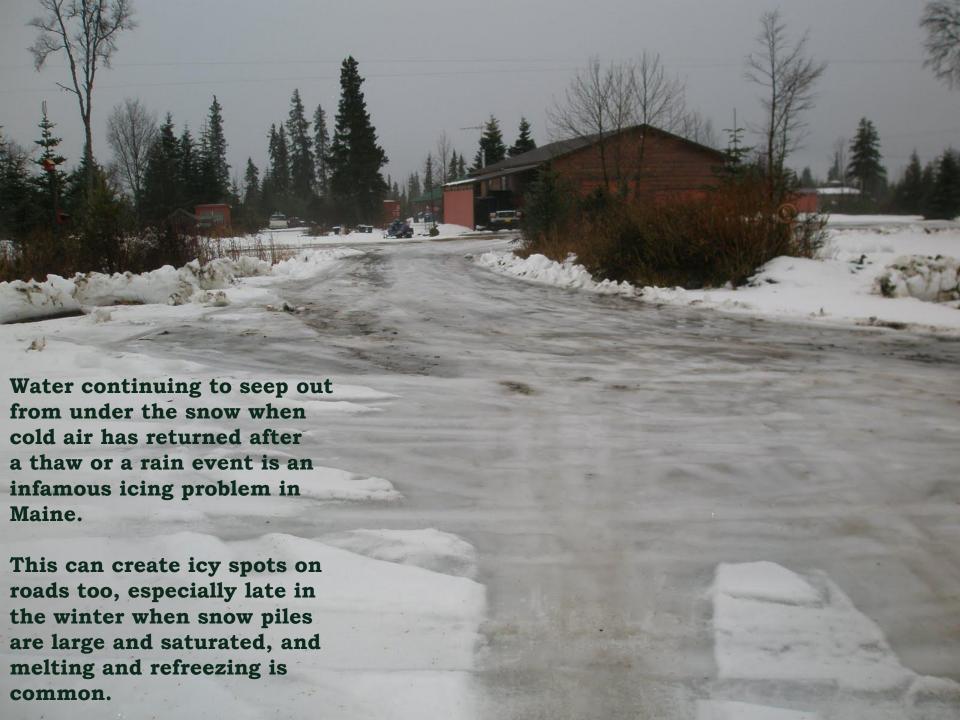
Common black ice condition

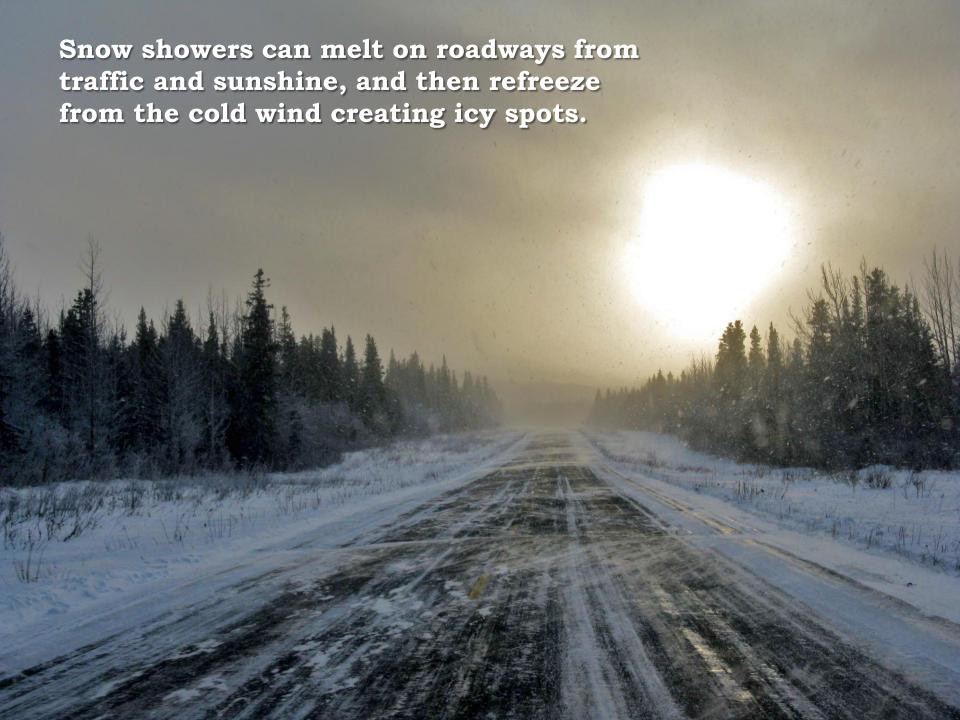
A cool, light rain at night with temperatures in the 30s may be followed by some clearing later at night. This can allow temperatures to fall below freezing while road surfaces are still wet resulting in black ice.



After a cold spell, warmer air moving in from the south may carry moist air into the region. If the dew points of the warmer air are higher than the road surface temperatures, ice will accrete on the roads resulting in black ice. This occurs most commonly Downeast, late at night or in the early morning, when warmer air moving in from the south carries moisture in from the ocean.







Snow blowing over the roads can melt in the sunshine then refreeze on road surfaces in the cold wind creating icy surfaces. Motorists traveling on roads that appear mainly dry can suddenly and unexpectedly encounter ice where the snow has been blowing and drifting over the roads.

This is especially dangerous at bends in the roads where the ice may not be discovered until the last minute and where traction is most critical. This is a common danger in March when snow is deep and sunshine is stronger.



