

DATA MAKES THE INVISIBLE THREATS VISIBLE:

# Frost & Ice

Frost and ice are different from other winter hazards because they form directly on the road surface with or without precipitation - often invisibly. Only accurate and reliable observation data together with road specific forecast can make them visible and ensure safe roads.

|   | How it forms?  | Key measurements  |
|---|--|---|
|  Frost | Humid air condenses on a dry road when the road surface temperature falls below freezing and below the dew point temperature | <ul style="list-style-type: none"><li>Surface temperature</li><li>Dew point</li><li>Residual salt</li></ul>     |
|  Ice   | When a road is wet and the surface temperature falls below freezing  | <ul style="list-style-type: none"><li>Surface temperature</li><li>Residual salt</li><li>Surface state</li></ul> |

