




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"> · Surface temperature · Dew point · Residual salt
 Ice	When a road is wet and the surface temperature falls below freezing	<ul style="list-style-type: none"> · Surface temperature · Residual salt · Surface state


 $-2^{\circ}\text{C} / 28^{\circ}\text{F}$ Dew point temp

$-4^{\circ}\text{C} / 25^{\circ}\text{F}$ Road temp