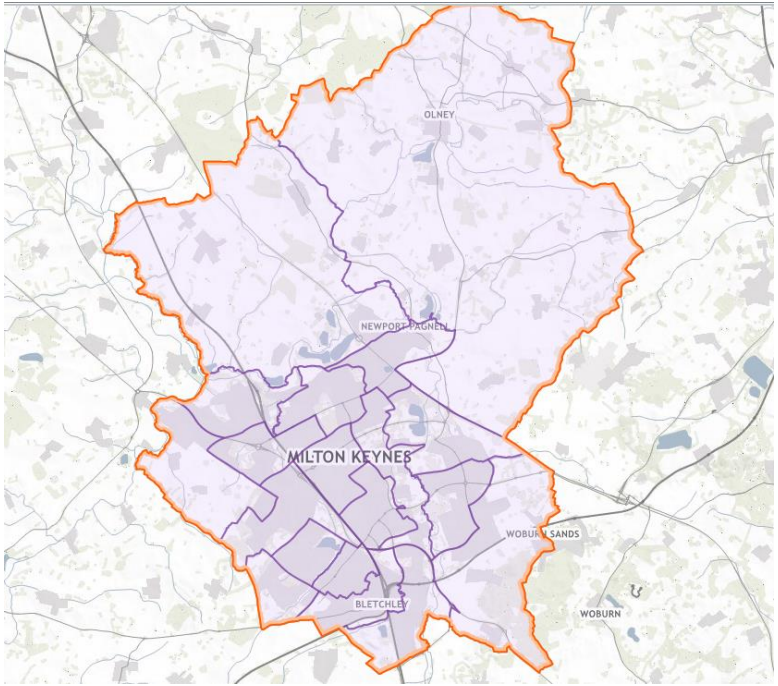
NWSRG
NATIONAL WINTER SERVICE RESEARCH GROUP

nwsrg.org

Milton Keynes Active Travel
Our current and future plans

Mark MacDonald, Milton Keynes City Council

Milton Keynes Map



Redway

1 Grampian Gate
Milton Keynes, England
Google Street View
Sept 2024 See more dates

MKCC Active Travel

Redways we currently treat in yellow

NWSRG Practical Guidance

Status of Practical Guide Chapters		
Chapter		**Status**
1. Foreword and Using the Guide		Published March 2021
2. Planning		Published May 2020
3. De-icer Types		Published March 2019 (See MK Section 9)
4. Salt Storage		
		Published March 2019 (See MK action – section 10)
5. Treatment Methods and Technologies		Published March 2019 (Included MK section 9)
6. Spreader Management		
		Published March 2019 (See MK action - sections 9 and 10)
7. Winter Service Decision Making		
		Published November 2020 (See MK section 8)
8. Spread Rates for Precautionary Salting		Published March 2019 (See MK Section 9)
9. Treatments for Snow and Ice		
		Published March 2019 (See MK section 9)
10. Treatments for Extreme Cold		Published March 2019 (See MK Section 9)
11. Treatment of Footways and Cycleways		Published March 2021 (See MK Section 5)
12. Weather Forecasting and RWIS		Published September 2020 (See MK Section 7)
13. Route Selection and Optimisation		Published November 2020 (See MK section 6)

Section Eleven

Winter Service on Footways and Cycleways

Key check list:

- Have footways and cycleways been selected and prioritised for treatment in accordance with a risk based approach?
- Has consideration been given to footway and cycleways when specifying weather forecast requirements, location of weather stations and sensors?
- Has the footways and cycleways Winter Service delivery policy been clearly communicated to all relevant stakeholders?

Redway Usage

When did or do we treat Redways?

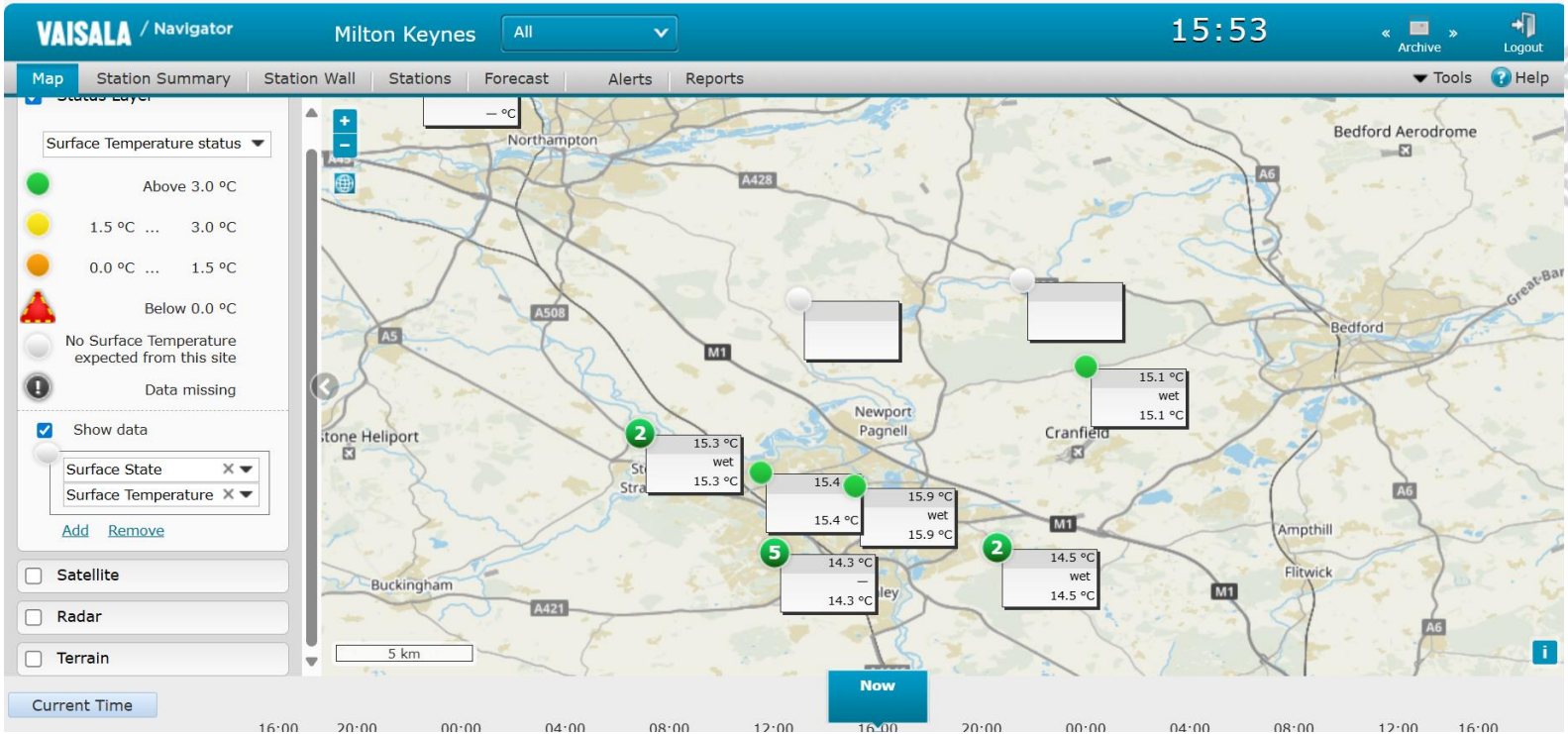
Priority Redways

- In Exceptional circumstances of continuous frost/ice/snow conditions (72 hours where the daytime road surface temperature does not rise above freezing)
- Usually when also treating our priority 2 network

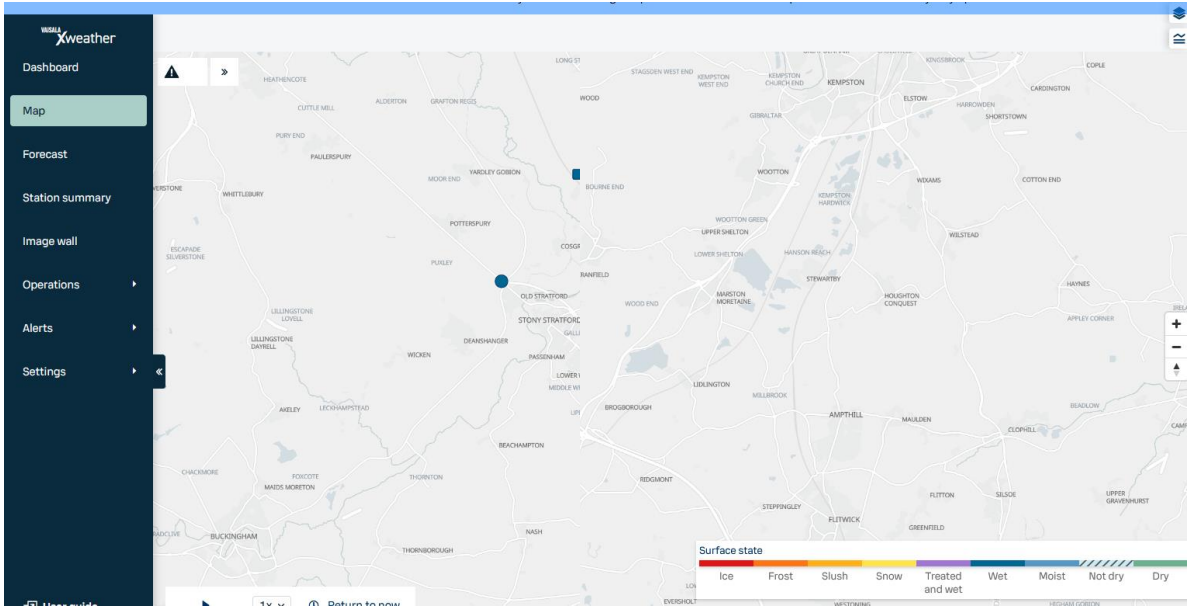
Priority Footways

- All Footways subject to normal overnight frost conditions will not be routinely treated
- However, in circumstances of continuous frost/ice/snow conditions (either where the daytime surface temperature does not rise above freezing for a continuous 72 or with severe hoar frost for a continuous 72 hours or heavy snow is forecast) treatment of Category 1 footways will be undertaken when resources become available from the carriageway Priority 1 and 2 networks.

Stations and IOT Map



Stations and IOT sensors in MK



New IOT sensors in Redways

Why brine?

Old Tremo Brine Sprayers

Hilltip

New brine sprayers

Future options

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My question to the audience: Are we doing enough to reduce our liability?

Thank you and any questions?