

Outdoor Ice Strategy

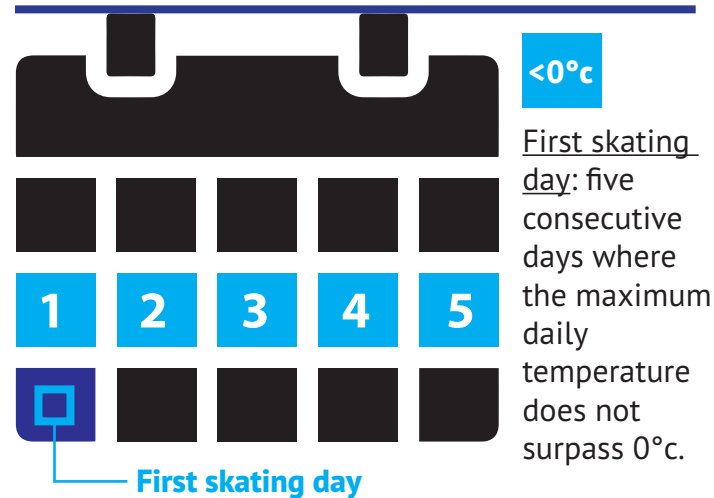
Town of Halton Hills • Recreation & Parks



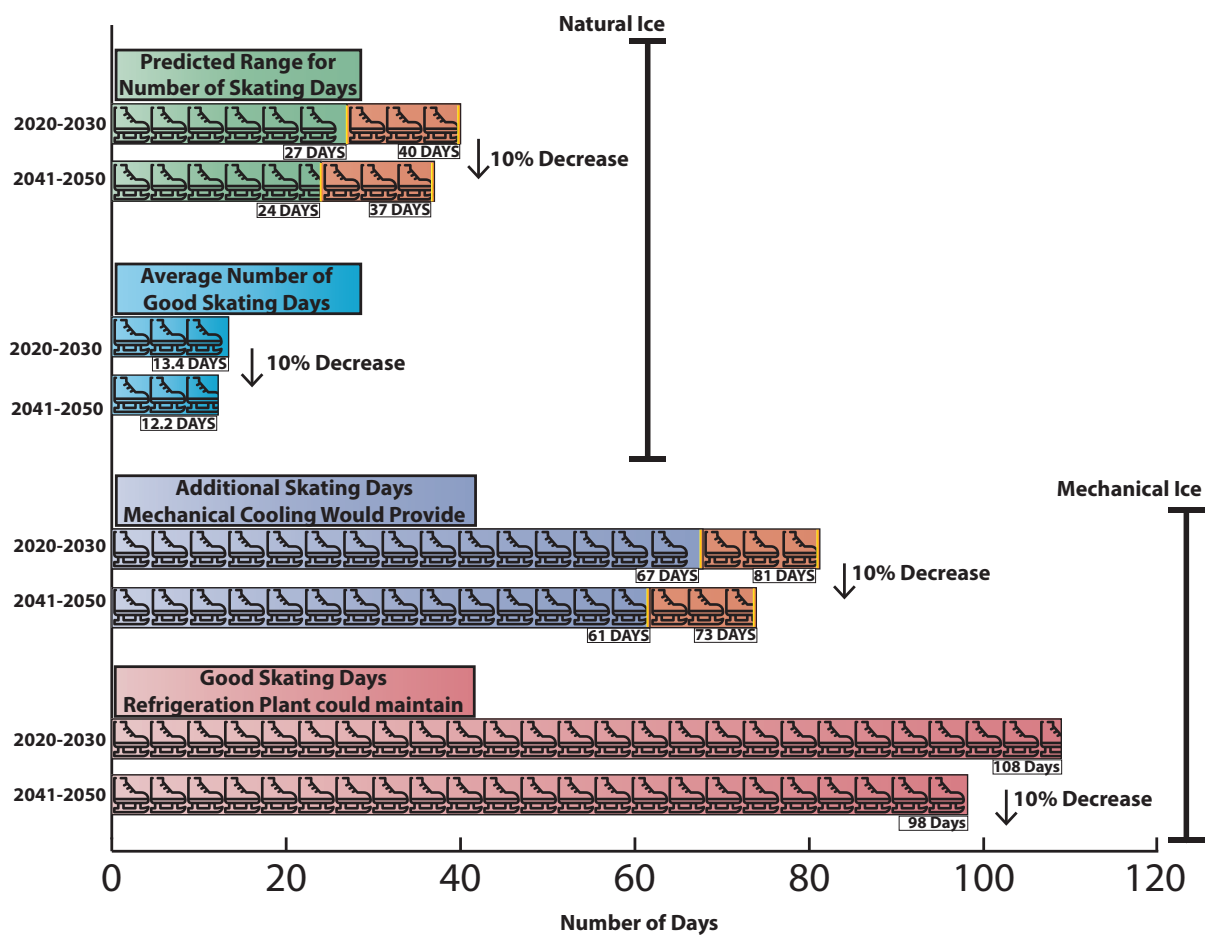
CLIMATE CONSIDERATIONS

Enerlife Consulting was retained to provide information to inform the Outdoor Ice Strategy. The focus was to provide a brief report summarizing research into outdoor rink operations, model the future local climate based on climate trends and provide conclusions, including a comparison of natural and refrigerated outdoor ice surfaces including potential for low carbon refrigeration options.

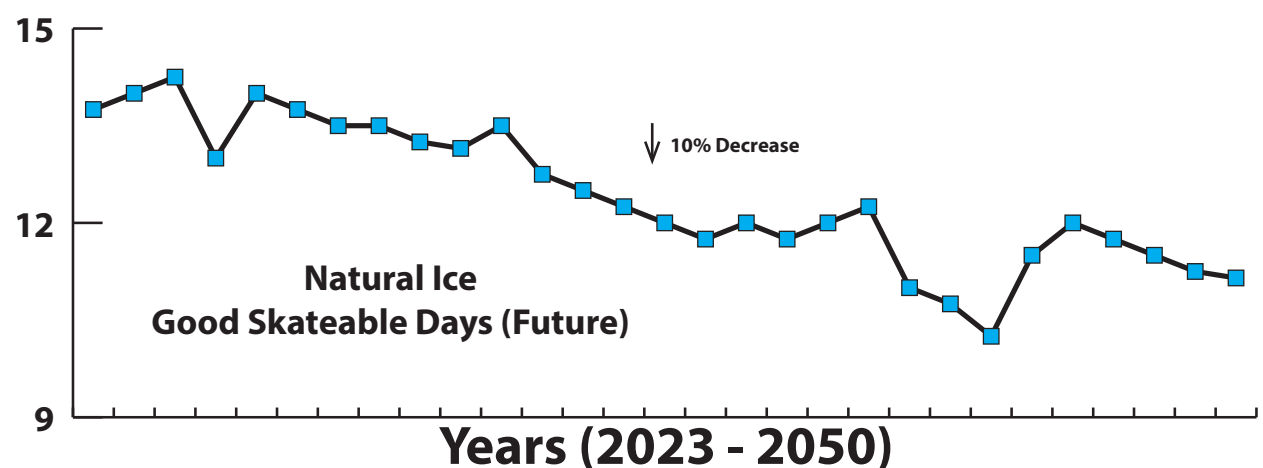
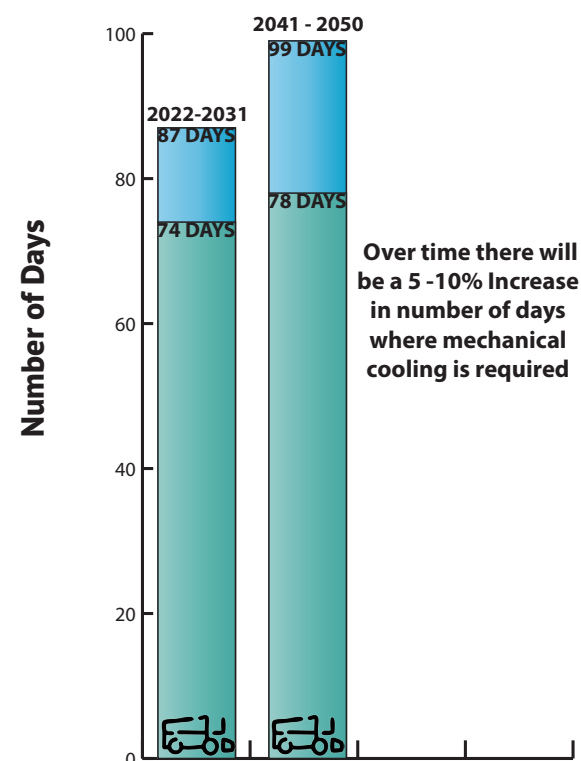
FIRST SKATING DAY



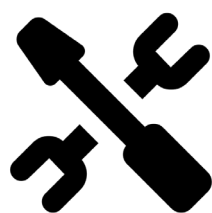
SKATEABLE DAYS



DAYS REQUIRING MECH. COOLING

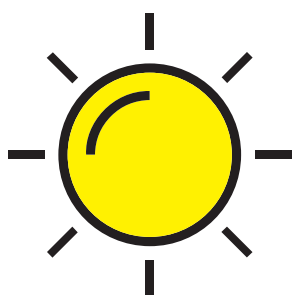


FACTORS THAT INFLUENCE ICE MAKING



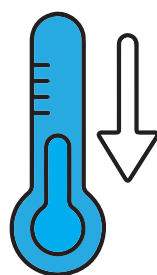
Maintenance

Daily snow removal or watering of the ice to maintain a consistent surface.



Sun

Increased sun exposure can cause melting and degradation of surface.



Temperature

The majority of non-skateable days are caused by temperature.



Covers

A roof cover will help prevent melting and add to skate-able days during a season.



Snow/Rain

Snow in relation to maintenance will need to be cleared in good time off the ice.