Winter Tourism Industry



What to expect by the 2030s for a high emissions scenario

Warmer Winters









Potential Operational Impacts Of **Climate Change**



Increased frequency of temporary closures



2030s

Increased grooming and maintenance



More wet or icy conditions creating health and safety



Shorter Winters







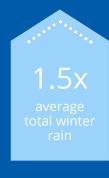


Wetter **Winters**





rainfalls





Shorter operating season lengths due to shorter



operations typically close during days with more than 10 mm of rain.



Shrinking Snowpacks





snowpacks and less days with snow cover

Increased snowmaking and snow

storage capacities required to

operations.



Snowmaking will start later and end earlier



Shorter Snow-making Season





For operating temperatures below

-2°C	-5°C	-10°C
by 3	by 3	by 3
weeks	weeks	weeks

Equipment with higher snowmaking temperatures will have longer operating

seasons



All future changes are calculated relative to the historical baseline of 1981 – 2010.



Winter Tourism Industry



What to expect by the 2050s for a high emissions scenario

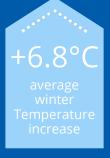
Warmer Winters



Shorter

Winters











Increased frequency of temporary closures



2050s

Increased grooming and maintenance



More wet or icy conditions creating health and safety



Wetter **Winters**





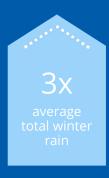
rainfalls

Later

Winters and

earlier

Springs



5-6



Shorter operating season lengths due to shorter



operations typically close during days with more than 10 mm of rain.

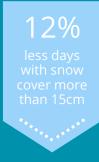


Shrinking Snowpacks









Increased snowmaking and snow storage capacities required to

operations.



Snowmaking will start later and end earlier



Equipment with higher snowmaking temperatures will have longer operating seasons



Shorter Snow-making Season





For operating temperatures below			
-2°C	-5°C	-10°C	
by 5 weeks	by 5 weeks	by 5 weeks	

All future changes are calculated relative to the historical baseline of 1981 – 2010.