

Appendix B- Extreme Weather Conditions- Cold Response

Staff- Work/Rest Schedule For Cold Working Conditions

Sunny Sky Air Temp	No noticeable wind	Wind 8km/h (10 mph) (wind will move a light flag)	Wind 16 km/h (10 mph) (wind will fully extend the flag)	Wind 24 km/h (15 mph) (wind will raise a newspaper sheet)	Wind 32 km/h (20 mph) (wind will produce blowing and drifting snow)
°C	Max. Work Period ¹	Max. Work Period ¹	Max. Work Period ¹	Max. Work Period ¹	Max. Work Period ¹
-26 to -28	normal breaks	75 minutes	55 minutes	40 minutes	40 minutes
-29 to -31	normal breaks	75 minutes	55 minutes	40 minutes	30 minutes
-32 to -34	75 minutes	55 minutes	40 minutes	30 minutes	Non-Emergency work should stop
-35 to -37	55 minutes	40 minutes	30 minutes	Non-Emergency work should stop	
-38 to -39	40 minutes	30 minutes	Non-Emergency work should stop		
-40 to -42	30 minutes	Non-Emergency work should stop			
-43 and below	Non-Emergency work should stop				

Notes on using this chart:

- these guidelines apply to workers wearing dry clothing
- apply the schedule one step lower for work with limited physical activity. For example, at -35 with no noticeable wind, a worker with a job requiring little physical movement should have a maximum work period of 40 minutes

¹- Each period of Max. Work is to be followed by a 10 minute warm-up break in a warm environment

If only the wind chill temperature is available, a rough guide for applying wind chill, rather than the temperature and wind velocity factors above, would be:

- Special warm-up breaks should be initiated at a wind chill temperature of -32
- All non-emergency work should stop at a wind chill of -51

Adapted from Ontario Ministry of Labour Safety Guidelines for the Film and Television Industry in Ontario, Appendix C: Adverse Weather Conditions

Student- Cold Weather Outdoor Play Guidelines

Temperature with or without Wind Chill	Recess Response	Lunch Time Response	Extra-Curricular/ Inter-School/ Field-Trip Response
0 to -10	Outdoors for duration	Outdoors for duration	<ul style="list-style-type: none"> • Review compliance with OPHEA Guidelines for the activity • Information sent home to parents shall identify risks posed by weather conditions and appropriate dress for the activity • Appropriate dress for the activity shall be reviewed with students in advance • Students shall receive instruction in identifying cold stress symptoms • Environmental factors must be taken into consideration in terms of site appropriateness and/or cancellation/postponement
-10 to -20	Outdoors for duration	Outdoors for duration	
Below -20	Students to remain inside for duration and be granted immediate entry upon arrival to school	Students to remain inside for duration	

