

Sample Wind Velocity Preparedness Guide

Role of Teachers, Coaches, Intramural Supervisors

Where appropriate, prior to and during outside physical activities, check for wind warnings and cancel and/or make accommodations to activities where winds pose a hazard to students.

Tool that can be used

Anemometer –an instrument for measuring the speed of the wind (handheld model - \$100.00).

Actions that Must be Taken

This section outlines actions that must be taken dependent upon the velocity of the wind.

For water activities follow the wind guidelines for participation/cancellation of the governing body of the activity (for example, rowing, sailing), outside activity provider, or school board.

Wind Speeds	Land Effect	Precautions/Actions that Must be Taken
0-19 km/h	<ul style="list-style-type: none"> • Calm to Gentle breeze • Wind felt on exposed skin • Leaves in constant motion 	<ul style="list-style-type: none"> • No precautions required • Be vigilant for change in weather conditions

Wind Speeds	Land Effect	Precautions/Actions that Must be Taken
20-39 km/h	<ul style="list-style-type: none"> • Breezy • Dust and loose paper raised • Branches of trees move 	<ul style="list-style-type: none"> • Continue outside activity. Teacher to secure items susceptible to being blown around • Be vigilant for change in weather conditions
40-49 km/h	<ul style="list-style-type: none"> • Strong Breeze • Large branches in motion • Umbrella use becomes difficult • Empty plastic trash cans tip over 	<ul style="list-style-type: none"> • Teacher to take into consideration activity surroundings (for example, trees, unsecure objects ground cover (sand), and equipment being used • Secure appropriate items • Activity is to stop and/ or moved indoors when effect of wind poses a risk to participants
50-59 km/h	<ul style="list-style-type: none"> • High Winds • Whole trees in motion • Resistance felt with walking against wind 	<ul style="list-style-type: none"> • Avoid outside activities

Wind Speeds	Land Effect	Precautions/Actions that Must be Taken
60 km/h Wind Speeds or Gust of Winds of 90 km/h	<ul style="list-style-type: none"> • Twigs broken from trees • Cars veer on road to large branches break off trees, small trees blow over • Construction/temporary signs and barricades blow over • Damages to tents and canopies 	<ul style="list-style-type: none"> • No outdoor activities