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 may 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	Calm to gentle breezeWind felt on exposed skinLeaves in constant motion	No precautions required.Be vigilant for change in weather conditions
20-39 km/h	 Breezy Dust and loose paper blown Branches of trees move	 Continue outside activity. Teacher to secure items susceptible to being blown around. Be vigilant for change in weather conditions

Wind Speeds	Land Effect	Precautions/Actions that Must be Taken
40-49 km/h	 Strong breeze Large branches in motion Umbrella becomes difficult to use Empty plastic trash bins can tip over 	 Teacher to take activity surroundings into consideration (for example: trees, non-secure ground objects (sand), and equipment being used) Secure appropriate items Activity to stop or moved indoors when wind effect poses a risk to participants
50-59 km/h	 High winds Whole trees in motion Resistance felt when walking against wind 	Avoid outside activities
60 km/h or greater wind speeds (or) gusts of wind of 90 km/h	 Twigs, large branches break off trees Small trees blow over Construction/Temporary signs and barricades blow over Damage to tents and canopies 	No outdoor activities