

# Sample Wind Velocity Preparedness Guide

## Role of Teachers, Coaches, Intramural Supervisors

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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

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

## Actions that Must be Taken

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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"> <li>• Calm to Gentle breeze</li> <li>• Wind felt on exposed skin</li> <li>• Leaves in constant motion</li> </ul> | <ul style="list-style-type: none"> <li>• No precautions required</li> <li>• Be vigilant for change in weather conditions</li> </ul> |

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

| 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"> <li>• Twigs broken from trees</li> <li>• Cars veer on road to large branches break off trees, small trees blow over</li> <li>• Construction/temporary signs and barricades blow over</li> <li>• Damages to tents and canopies</li> </ul> | <ul style="list-style-type: none"> <li>• No outdoor activities</li> </ul> |