

## Beaufort Wind Chart – Estimating Winds Speeds

Beaufort Number	MPH		Terminology	Description
	Range	Average		
<b>0</b>	<b>0</b>	<b>0</b>	Calm	Calm. Smoke rises vertically.
<b>1</b>	<b>1-3</b>	<b>2</b>	Light air	Wind motion visible in smoke.
<b>2</b>	<b>4-7</b>	<b>6</b>	Light breeze	Wind felt on exposed skin. Leaves rustle.
<b>3</b>	<b>8-12</b>	<b>11</b>	Gentle breeze	Leaves and smaller twigs in constant motion.
<b>4</b>	<b>13-18</b>	<b>15</b>	Moderate breeze	Dust and loose paper is raised. Small branches begin to move.
<b>5</b>	<b>19-24</b>	<b>22</b>	Fresh breeze	Smaller trees sway.
<b>6</b>	<b>25-31</b>	<b>27</b>	Strong breeze	Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult.
<b>7</b>	<b>32-38</b>	<b>35</b>	Near gale	Whole trees in motion. Some difficulty when walking into the wind.
<b>8</b>	<b>39-46</b>	<b>42</b>	Gale	Twigs broken from trees. Cars veer on road.
<b>9</b>	<b>47-54</b>	<b>50</b>	<b>Severe gale</b>	<b>Light structure damage.</b>
<b>10</b>	<b>55-63</b>	<b>60</b>	<b>Storm</b>	<b>Trees uprooted. Considerable structural damage.</b>
<b>11</b>	<b>64-73</b>	<b>70</b>	<b>Violent storm</b>	<b>Widespread structural damage.</b>
<b>12</b>	<b>74-95</b>	<b>90</b>	<b>Hurricane</b>	<b>Considerable and widespread damage to structures.</b>



**Webpage:** <http://www.weather.gov/iwx>

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# Hail Size Comparison Chart

