

# Beaufort scale cards

Cut up these cards along the dotted lines, and match them up with Howtoon's [The Beaufort Scale](#).



<b>Force</b> <b>0</b>	<b>Speed</b>  0 knots 0 km/h	<b>Calm</b>	<b>Sea</b>	Sea like a mirror.
			<b>Land</b>	Smoke rises vertically.
<b>Force</b> <b>1</b>	<b>Speed</b>  1-3 knots 1-6 km/h	<b>Light air</b>	<b>Sea</b>	Ripples with the appearance of scale are formed, but without foam crests.
			<b>Land</b>	Direction of wind shown by smoke drift but not by weathervanes.

<b>Force</b>  <b>2</b>	<b>Speed</b>  4-6 knots 7-11 km/h	<b>Light</b>  <b>breeze</b>	<b>Sea</b>	Small wavelets. Crests have a glassy appearance and don't break.
			<b>Land</b>	Wind felt on face. Leaves rustle. Ordinary weathervane moved by wind.
<b>Force</b>  <b>3</b>	<b>Speed</b>  7-10 knots 12-19 km/h	<b>Gentle</b>  <b>breeze</b>	<b>Sea</b>	Large wavelets, crests begin to break. Foam glassy in appearance and scattered white horses.
			<b>Land</b>	Leaves and small twigs in constant motion. Wind extends light flag.
<b>Force</b>  <b>4</b>	<b>Speed</b>  11-16 knots 20-29 km/h	<b>Moderate</b>  <b>breeze</b>	<b>Sea</b>	Small waves, becoming longer; fairly frequent white horses.
			<b>Land</b>	Raises dust and loose paper; small branches are moved.

<b>Force</b>  <b>5</b>	<b>Speed</b>  17-21 knots 30-39 km/h	<b>Fresh breeze</b>	<b>Sea</b>	Moderate waves, taking a more pronounced, long form; many white horses formed; chance of some spray.
			<b>Land</b>	Small leaves in trees begin to sway. Wavelets form on inland waters.
<b>Force</b>  <b>6</b>	<b>Speed</b>  22-27 knots 40-50 km/h	<b>Strong breeze</b>	<b>Sea</b>	Large waves begin to form; the white foam crests are more extensive everywhere.
			<b>Land</b>	Large branches in motion. Whistling heard in overhead wires. Umbrella use is difficult.
<b>Force</b>  <b>7</b>	<b>Speed</b>  28-33 knots 51-62 km/h	<b>Near gale</b>	<b>Sea</b>	Sea heaps up and white foam from breaking waves starts to blow in streaks with the wind.
			<b>Land</b>	Whole trees in motion. Umbrellas discarded. Resistance felt when walking against the wind.

<b>Force</b>  <b>8</b>	<b>Speed</b>  34-40 knots 63-75 km/h	<b>Gale</b>	<b>Sea</b>	Moderate high waves of greater length; edges of crests begin to break into spindrift; foam is blown in streaks with the wind.
			<b>Land</b>	Breaks twigs off trees. Generally impedes progress.
<b>Force</b>  <b>9</b>	<b>Speed</b>  41-47 knots 76-87 km/h	<b>Strong gale</b>	<b>Sea</b>	High waves; dense streaks of foam with the wind; crests begin to tumble; sea begins to roll; spray affects visibility.
			<b>Land</b>	Slight structural damage occurs, chimney pots and slates removed.
<b>Force</b>  <b>10</b>	<b>Speed</b>  48-55 knots 88-102 km/h	<b>Storm</b>	<b>Sea</b>	Very high waves with overhanging crests; surface of the sea looks white; rolling of the sea becomes heavy; visibility affected.
			<b>Land</b>	Rarely experienced inland. Trees uprooted. Considerable structural damage occurs.

<b>Force</b>  <b>11</b>	<b>Speed</b>  <b>56-63 knots</b> <b>103-117 km/h</b>	<b>Violent storm</b>	<b>Sea</b> Exceptionally high waves; ships might be lost to view behind waves for a long time; sea is covered with long white patches of foam; visibility affected.
			<b>Land</b> Very rarely experienced on land; accompanied by widespread damage.
<b>Force</b>  <b>12</b>	<b>Speed</b>  <b>Over 63 knots</b> <b>Over 117 km/h</b>	<b>Hurricane</b>	<b>Sea</b> Huge waves; air is filled with foam and spray; sea is completely white with driving spray; visibility is very seriously affected.
			<b>Land</b> Countryside is devastated.