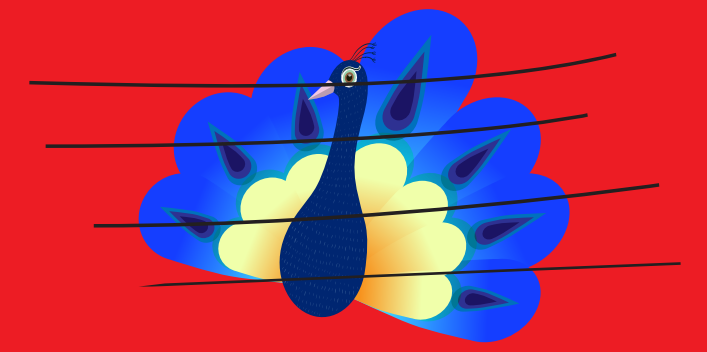



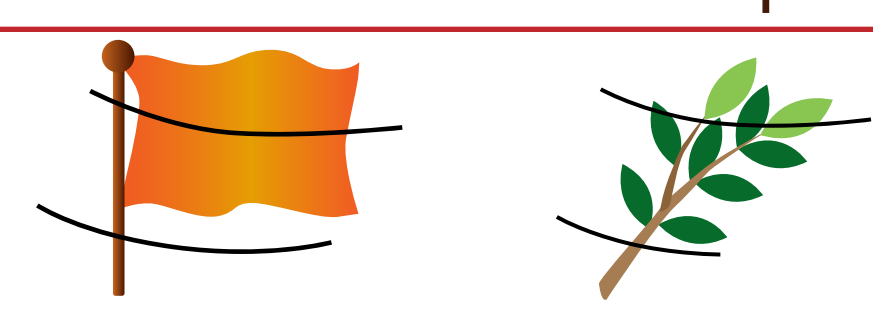
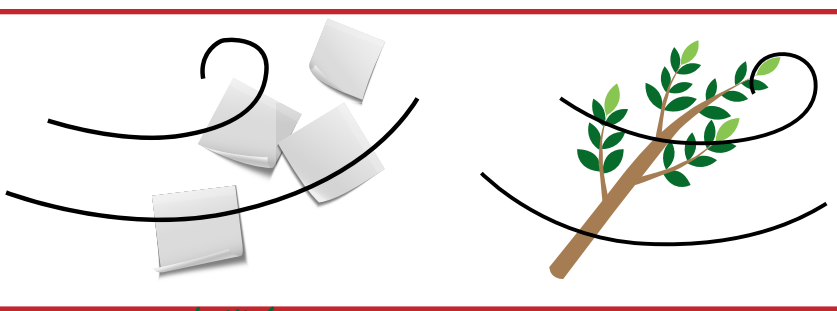
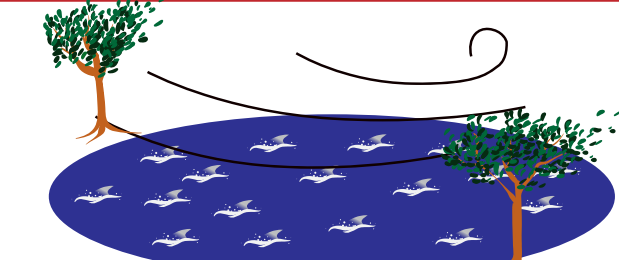
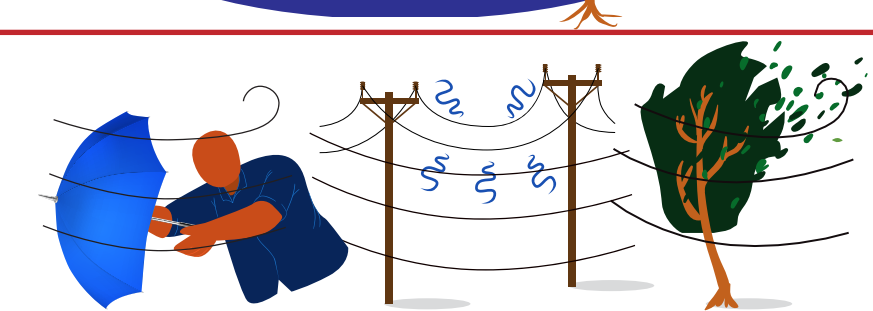
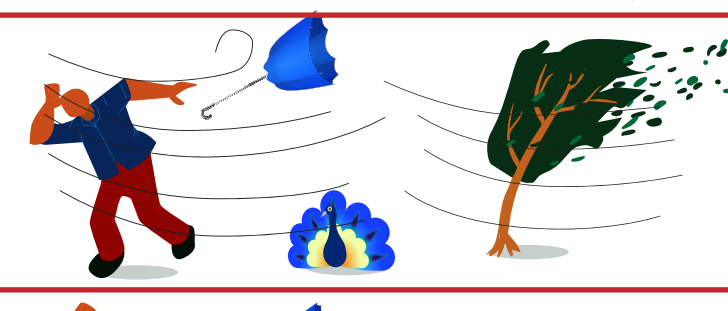
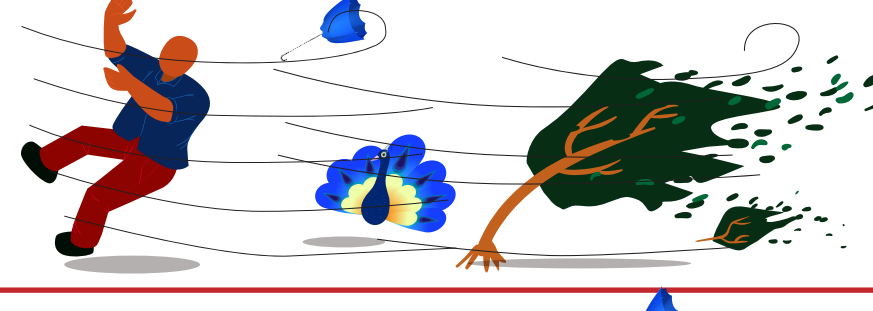

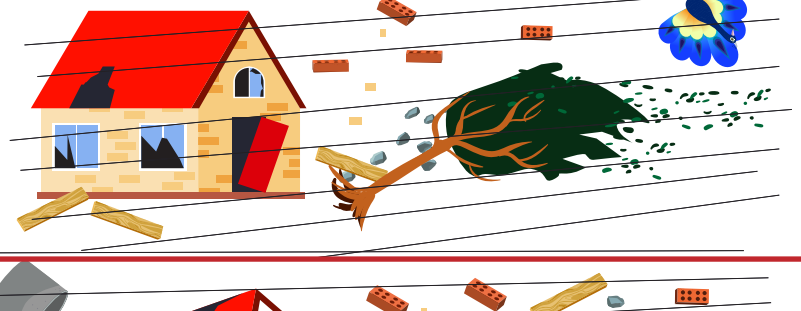

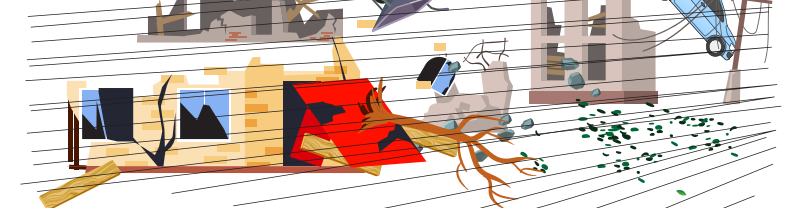


# Beaufort Scale



## ESTIMATION OF WIND SPEED

Scale	Conditions on Land	Wind Speed
<b>0</b> Calm	Smoke rises straight up. 	1 km/h or less 1 knot or less
<b>1</b> Light Air	Smoke drift indicates wind direction. Wind vanes do not move. 	1 – 5 km/h 1 – 3 knots
<b>2</b> Light Breeze	Wind felt on face. Leaves rustle. Wind vanes begin to move. 	6 – 11 km/h 4 – 6 knots
<b>3</b> Gentle Breeze	Light flags extended. Leaves and small twigs in constant motion. 	12 – 19 km/h 7 – 10 knots
<b>4</b> Moderate Breeze	Dust, leaves and loose papers raised up. Small branches move. 	20 – 29 km/h 11 – 16 knots
<b>5</b> Fresh Breeze	Crested wavelets form on inland waters. Small trees begin to sway. 	30 – 39 km/h 17 – 21 knots
<b>6</b> Strong Breeze	Umbrellas are difficult to control. Whistling heard in telegraph wires. Large branches move. 	40 – 50 km/h 22 – 27 knots
<b>7</b> Near Gale	Inconvenience felt when walking against the wind. Whole trees in motion. 	51 – 61 km/h 28 – 33 knots
<b>8</b> Gale	Difficult to walk against wind. Twigs and small branches blown off trees. 	62 – 74 km/h 34 – 40 knots
<b>9</b> Strong Gale	Slight structural damage may occur (slates blown off roofs). 	75 – 87 km/h 41 – 47 knots
<b>10</b> Storm	Structural damages likely. Trees uprooted. 	88 – 101 km/h 48 – 55 knots
<b>11</b> Violent Storm	Widespread damage to structures. 	102 – 117 km/h 56 – 63 knots
<b>12</b> Hurricane	Severe structural damage to buildings. Widespread devastation. 	118 km/h or more 64 knots or more

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