

# High Wind Dangers (Construction) – Picture This

BEAUFORT SCALE			CONSTRUCTION SAFETY
FORCE	MPH	DESCRIPTION	EFFECT ON LAND
<b>0</b>	<1	Calm	Smoke rises vertically; Wind vanes still.
<b>1</b>	1-3	Light Air	Smoke drift indicates wind direction; Wind vanes still.
<b>2</b>	3-7	Light Breeze	Leaves rustle; Wind felt on face; Wind vanes moved by wind.
<b>3</b>	8-12	Gentle Breeze	Leaves and twigs constantly moving; Light flags extended.
<b>4</b>	13-17	Moderate Breeze	Dust and loose paper raised; Small branches move.
<b>5</b>	18-24	Fresh Breeze	Large branches move; Small trees with leaves begin to sway.
<small>Wind can lift scrap metal &amp; carry it as far out as the height from which it came.</small>			
<b>6</b>	25-30	Strong Breeze	Larger tree branches moving; Phone lines whistle; Empty plastic bins can blow over.
<small>Wind gusts can throw you off balance.</small>			
<b>7</b>	31-38	Near Gale	Whole trees moving; Wind is difficult to walk against.
<small>Hoisting equipment and mobile access equipment should not be used unless approved by the manufacturer. Check the manufacturer's data sheet on the max wind speed at which M2 (MP) can be safely operated.</small>			
<b>8</b>	39-46	Gale	Twigs break off trees; Wind is difficult to walk against; Cars veer on road; Construction signs & barricades blow over.
<small>No working at heights including roofs and scaffolding.</small>			
<small>Crane operation should cease and cranes be secured end / or dismantled.</small>			
<small>Exercise caution when working near partially collapsed structures. Check that all structures are braced and well supported.</small>			
<small>Secure roofing sheets, canes, ladders and any other equipment.</small>			
<small>Canopies / tents should be dismantled.</small>			
<b>NO WORKING OUTDOORS</b>			
<b>9</b>	47-54	Strong Gale	Larger branches break off trees; Minor damage to buildings; Shingles & slates torn off roofs.
<b>10</b>	55-63	Storm	Trees uprooted; considerable structural damage to buildings.
<b>11</b>	64-72	Violent Storm	Widespread damage.
<b>12</b>	>73 <sub>1</sub>	Hurricane	Widespread damage.



## SAFETY PRECAUTIONS

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NO WORKING AT HEIGHTS BEYOND THIS POINT			
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**ALL WORK TO BE CEASED BEYOND THIS POINT**

Source: <https://wilkinssafety.co.uk>