

High Wind Dangers (Construction) – Picture This



BEAUFORT SCALE				CONSTRUCTION SAFETY	
WIND SPEED / ANEMOMETER READING					
FORCE	MPH	DESCRIPTION	EFFECT ON LAND		
0	<1	Calm	Smoke rises vertically; Wind vains still		
1	1-3	Light Air	Smoke drift indicates wind direction; Wind vains still		
2	3-7	Light Breeze	Leaves rustle; Wind felt on face; Wind vanes moved by wind		
3	8-12	Gentle Breeze	Leaves and twigs constantly moving; Light flags extended		
4	13-17	Moderate Breeze	Dust and loose paper raised; Small branches move		
5	18-24	Fresh Breeze	Large branches move; Small trees with leaves begin to sway		
6	25-30	Strong Breeze	Larger tree branches moving; Phone lines whistle; Empty plastic bins can blow over		
NO WORKING AT HEIGHTS	7	31-38	Near Gale	Whole trees moving; Wind is difficult to walk against	<p>WORKING IN THE WIND</p> <p>SAFETY PRECAUTIONS</p> <p>Safety glasses should be worn to protect against dust and foreign particles.</p> <p>Hard hats should be worn and securely fastened.</p> <p>Loose materials should be secured and tools picked up safely when not in use.</p> <p>Workers at elevations above 1m should exercise caution.</p> <p>Use extreme care when picking up large sections of plywood or similar flat materials.</p> <p>Tag lines should be used when hoisting loads with large flat surfaces that can act as a sail.</p>
	8	39-46	Gale	Twigs break off trees; Wind is difficult to walk against; Cars veer on road; Construction signs & barricades blow over	
NO WORKING OUTDOORS	9	47-54	Strong Gale	Larger branches break off trees; Minor damage to buildings; Shingles & slates torn off roofs	<p>Hoisting equipment and mobile access equipment should not be used unless approved by safety manager. Follow manufacturer's guidelines on the max wind speed at which M&AEP can be safely operated.</p> <p>No working at heights including roofs and scaffolding.</p> <p>Crane operation should cease and cranes be secured and / or dismantled.</p> <p>Exercise caution when working near partially built walls and structures. Check that structures are braced and well supported.</p> <p>Secure roofing sheets, cones, bollards and any other equipment.</p> <p>Canopies / tents should be dismantled.</p> <p>NO WORKING AT HEIGHTS BEYOND THIS POINT</p> <p>ALL WORK TO BE CEASED BEYOND THIS POINT</p>
	10	55-63	Storm	Trees uprooted; considerable structural damage to buildings	
	11	64-72	Violent Storm	Widespread damage	
	12	>73	Hurricane	Widespread damage	

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