

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 <i>Wind can lift scrap metal & carry it as far out as the height from which it came</i>
6	25-30	Strong Breeze	Larger tree branches moving; Phone lines whistle; Empty plastic bins can blow over <i>Wind gusts can throw you off balance</i>
NO WORKING AT HEIGHTS	7	31-38	Near Gale Whole trees moving; Wind is difficult to walk against
	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
	10	55-63	Storm Trees uprooted; considerable structural damage to buildings
	11	64-72	Violent Storm Widespread damage
	12	>73	Hurricane Widespread damage



SAFETY PRECAUTIONS

- Force 4:** Safety glasses should be worn to protect against dust and foreign particles.
- Force 5:** Hard hats should be worn and securely fastened. Loose materials should be secured and tools packed up safely when not in use.
- Force 6:** Workers at elevations above 1m should exercise caution. Use extreme care when picking up large sections of plywood or similar flat materials. Tag lines should be used when hoisting loads with large flat surfaces that can act as a sail.
- Force 7:** 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 MEWP can be safely operated.
- Force 8:** No working at heights including roofs and scaffolding. Crane operation should cease and cranes be secured and / or dismantled.
- Force 9:** Exercise caution when working near partially built walls and structures. Check that structures are braced and well supported. Secure roofing sheets, cones, bollards and any other equipment. Canopies / tents should be dismantled.



NO WORKING AT HEIGHTS BEYOND THIS POINT



ALL WORK TO BE CEASED BEYOND THIS POINT

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