

# High Wind Dangers (Construction) – Picture This



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 vains 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	
		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

- Safety glasses should be worn to protect against dust and foreign particles.
- Hard hats should be worn and securely fastened.
- Loose materials should be secured and tools packed up safely when not in use.
- 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.
- 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 MJSP can be safely operated.
- No working at heights including roofs and scaffolding.
- Crane operation should cease and cranes be secured and / or dismantled.
- Exercise caution when working near partially built walls and structures. Check that structures are braced and well supported.
- Secure moving sheets, cones, bollards and any other equipment.
- Cranes / lifts should be dismantled.

**NO WORKING AT HEIGHTS BEYOND THIS POINT**

**ALL WORK TO BE CEASED BEYOND THIS POINT**

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