

Beaufort Scale

Beaufort scale classifies wind speed:

Beaufort Number	Wind Speed in Knots
F0	<1
F1	1-3
F2	4-6
F3	7-10
F4	11-16
F5	17-21
F6	22-27
F7	28-33
F8	34-40
F9	41-47
F10	48-55

Note from wikipedia:

Wind speed on the modern Beaufort scale is based on the relationship:

$$v = (13/8) B^{3/2} \text{ knots}$$

where v is the equivalent wind speed at 10 metres above the sea surface and B is Beaufort scale number.