















Wind Speed & Direction

Wind speed. A combination of long/short barbs and pennants indicate the speed of the wind in station weather plots rounded to the nearest 5 knots. Calm wind is indicated by a large circle drawn around the skycover symbol.

One long barb is used to indicate each 10 knots with the short barb representing 5 knots. At 50 knots, the barbs changes to a pennant. For wind speeds higher than 50 knots, long and short barbs are used again in combination with the pennant(s). (See examples below.)

| Observed wind speed | 0-2 kts (0-2 mph) | 3-7 kts (3-8 mph) | 8-12 kts (9-14 mph) | 13-17 kts (15-20 mph) | 18-22 kts (21-25 mph) | 23-27 kts (26-31 mph) | 28-32 kts (32-37 mph) | 33-37 kts (38-43 mph) | 48-52 kts (55-60 mph) | 53-57 kts (61-66 mph) | 58-62 kts (67-71 mph) | 63-67 kts (73-77 mph) | 98-102 kts (113-117 mph) | 102-107 kts (119-123 mph) |
|--------------------------|---|---|---|---|---|---|---|---|---|--|---|---|---|---|
| Rounded to the nearest 5 | 0 kts | 5 kts | 10 kts | 15 kts | 20 kts | 25 kts | 30 kts | 35 kts | 50 kts | 55 kts | 60 kts | 65 kts | 100 kts | 105 kts |
| Plotted as |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Wind FROM 340° (NNW) Wind FROM 040° (NE) Wind FROM 190° (S)



The wind direction is indicated by the long shaft. The shaft will point to the direction FROM which the wind is blowing. The direction is based upon a 36-point compass.