

9th Barking & Dagenham Meteorologist Badge Pack



Symbols

The lines sticking out from the circle are called "Wind Barbs". The wind barb indicates the wind direction and wind speed. Wind barbs point in the direction **from** which the wind is blowing.

The term easterly means that the winds are from the east. . On the other hand, the term "eastward" means that the winds are blowing towards the east.

Wind speed is given here in the units of "knots" (knt). A "Knot" is a nautical mile per hour.

Each short barb represents 5 knots, each long barb 10 knots. A long barb and a short barb is 15 knots, simply by adding the value of each barb together (10 knots + 5 knots = 15 knots). If only a station circle is plotted, the winds are calm. Pennants are 50 knots.

1 Knot = 1.15 Miles Per Hour (Mph)

1 Knot = 1.9 Kilometres Per Hour (Km/Hr)

Speed (knots)	Symbol	Speed (knots)	Symbol
Less than 1	⊙	33-37	⚡
1-2	—○	38-42	⚡
3-7	└─○	43-47	⚡
8-12	└─┬─○	48-52	⚡
13-17	└─┬─┬─○	53-57	⚡
18-22	└─┬─┬─┬─○	58-62	⚡
23-27	└─┬─┬─┬─┬─○	98-102	⚡
28-32	└─┬─┬─┬─┬─┬─○	103-107	⚡

	Symbol		Symbol
Clear sky	○	5/8 covered	⊕
covered 1/8 or less, but not zero	⊖	6/8 covered	⊗
2/8 covered	◐	7/8 covered	⦿
3/8 covered	◑	sky completely covered	●
4/8 covered	◒	sky obscured, e.g. by fog	⊗

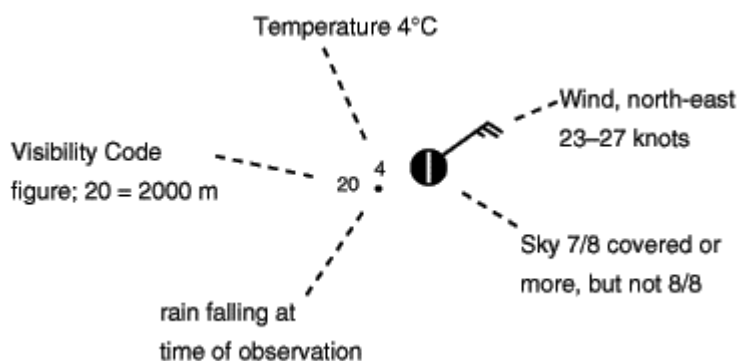
This symbol indicates the amount of cloud cover observed at the time the observation is taken.

	Symbol		Symbol
Rain	●	Fog	≡
Drizzle	◉	Thunderstorm	⚡
Shower	▽	Hail	▲
Snow	✱		

combinations of these can be made, e.g. ◉▽ rain shower, ▽✱ snow shower

This symbol indicates the type of weather occurring at the time the observation is taken.

There is a great deal of information that can be shown. These are normally combined into a single station entry shown below.



Temperature: The value in the upper left corner is the temperature in degrees Celsius

Visibility Code: This is an indication of the distance to the furthest object that can be clearly seen.