

**1.1.9. Daily register.** Observations (other than pilot-balloon observations) are recorded in the *Daily register* (Metform 2050). Detailed instructions for making the entries are given in the *Handbook of weather messages*, Part III.<sup>4</sup> For use when actually making the observations a pocket-size pad of observation slips (Metform 2051) is provided and the recorded observations are copied from it into the *Daily register*.

## 1.2. PROCEDURE AT STATIONS MAKING ABBREVIATED REPORTS

Some meteorological offices, many auxiliary reporting stations, and certain civil airports not manned by Meteorological Office personnel make abbreviated reports in a code, details of which are given in the *Handbook of weather messages*, Parts I<sup>6</sup> and II<sup>7</sup> and also in the pamphlet *Abbreviated weather reports* (Met. O. 705).<sup>8</sup> The scheduled hours of observations are not the same at all stations but are arranged individually to suit local aviation requirements or to suit the times when the observer is available. The following observations are required at each scheduled hour of observation:

- Amount of cloud
- Type of cloud
- Height of cloud base
- Past weather
- Present weather
- Visibility
- Wind direction and speed.

Some of these stations also make observations of temperature and atmospheric pressure.

Observations made in this code are recorded in the *Register of observations* at auxiliary reporting stations (Metform 2611). Detailed instructions for making the entries in this register are given in *Abbreviated weather reports*.

## 1.3. PROCEDURE AT STATIONS MAKING SPECIAL REPORTS FOR AVIATION

At certain aerodromes various additional reports, such as half-hourly reports for aviation weather broadcasts, half-hourly reports to Air Traffic Control Officers, and intermediate reports to Air Traffic Control Officers whenever conditions deteriorate or improve within certain specified limits, are made to meet the needs of aviation. The times and format of these additional reports are the subject of special instructions to the stations concerned.

## 1.4. PROCEDURE AT CLIMATOLOGICAL STATIONS

**1.4.1. Climatological stations**, manned by voluntary co-operating observers, normally make the following observations once a day, at 0900 GMT (and reset the instruments as necessary):

- Temperature, dry-bulb, in the screen
- Temperature, wet-bulb (used in conjunction with the dry-bulb reading to derive the vapour pressure, relative humidity and dew-point)