

## 21. Atmosphere – weather

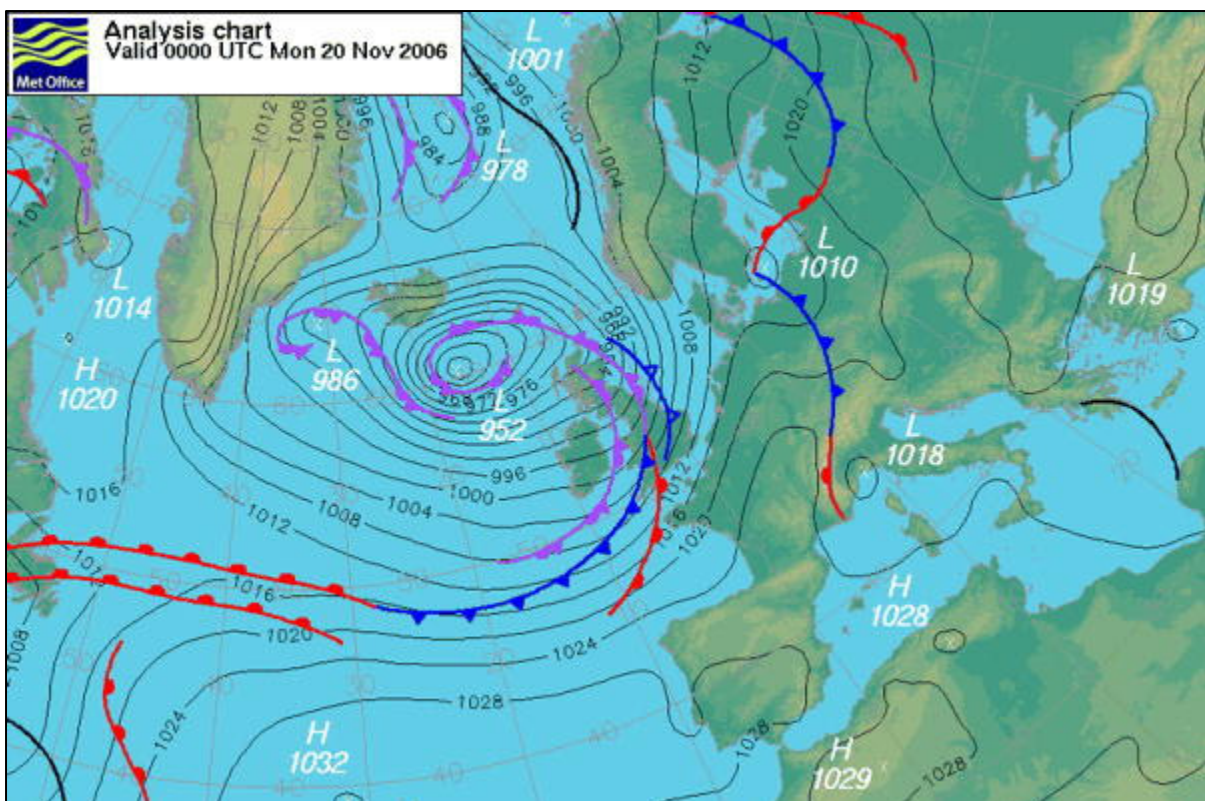
Processes taking place within atmosphere change its conditions continuously. Weather represents actual conditions of atmosphere in certain locality (place).

### **Basic meteorological factors**

- *solar radiation*
- *air temperature*
- *air pressure*
- *air humidity*
- *evaporation levels*
- *clouds*
- *precipitation*
- *height of snow cover*
- *direction and speed of wind*

Weather is studied by *meteorology*. Weather is never static, always changing. Weather is stable only for several days depending upon many factors, e.g. air pressure, prevailing winds, air humidity, etc.

Weather is displayed on *synoptic maps*.



### **Keywords**

meteorological factors, synoptic maps, solar radiation, air temperature/pressure/humidity, evaporation levels, clouds, precipitation, height of snow cover, direction and speed of wind