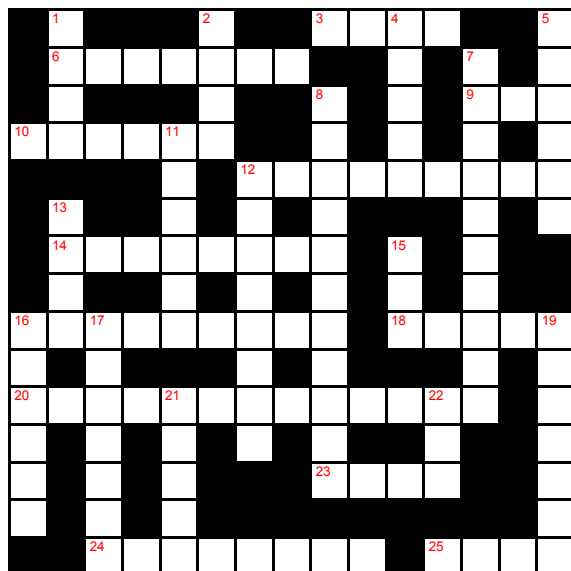


Meteorology_15x15_2008-10-16

B.B. Huria



Across

- 3 The period of waning light from the time of sunset to dark. (4)
- 6 An extensive body of air throughout which the horizontal temperature and moisture characteristics are similar. (3,4)
- 9 Mixture of gases that make up the earth's atmosphere. (3)
- 10 A temperature scale with a freezing point of +273° K (Absolute) and a boiling point of +373°K. (6)
- 12 An instrument used to determine the altitude of an object with respect to a fixed level. (9)
- 14 Air current or wind, rising especially up a slope. (8)
- 16 The region around the south pole: Antarctica and surrounding waters. (9)
- 18 A smooth clear icy coating of supercooled water droplets that

spread out and freeze onto objects on contact. (5)

- 20 A heavy, colourless gas that is the fourth most abundant constituent of dry air, comprising 0.033% of the total. (6,7)
- 23 A small disturbance of wind in a large wind flow, which can produce turbulent conditions. (4)
- 24 The state of the sky when it is covered by clouds. (8)
- 25 Atmospheric moisture or dust or smoke that causes reduced visibility. (4)

Down

- 1 A strong wind moving 45-90 knots; force 7 to 10 on Beaufort scale. (4)
- 2 The first appearance of light in the eastern sky before sunrise. (4)
- 4 A violent weather condition with winds 64-72 knots (11 on the Beaufort scale) and precipitation and thunder

and lightening. (5)

- 5 First light of the day. An atmospheric phenomenon consisting of bands of light caused by charged solar particles following the earth's magnetic lines of force. (6)
- 7 A sudden, transient motion or trembling of the earth's crust, resulting from the waves in the earth caused by faulting of the rocks or by volcanic activity. (10)
- 8 Winds spiraling outward from a high-pressure center; circling clockwise in the northern hemisphere and counter-clockwise in the southern. (11)
- 11 The line drawn on a weather map connecting points of equal barometric pressure. (6)
- 12 The measure of height of an airborne object in respect to a constant pressure surface or above mean sea level. (8)

13 Precipitation in atmosphere. (4)

15 Droplets of water vapour suspended in the air near the ground. (3)

16 The regions north of the Arctic Circle centered on the North Pole. (6)

17 A localized and violently destructive windstorm occurring over land characterized by a funnel-shaped cloud extending toward the ground. (7)

19 The obscuring of one celestial body by another. (7)

21 A nearly colorless gas and a form of oxygen. It is composed of an oxygen molecule made up of three oxygen atoms instead of two. (5)

22 The time needed for one complete revolution of the earth about its own axis. (3)