

MODERN EARTH SCIENCE

Section 25.4

Forecasting the Weather

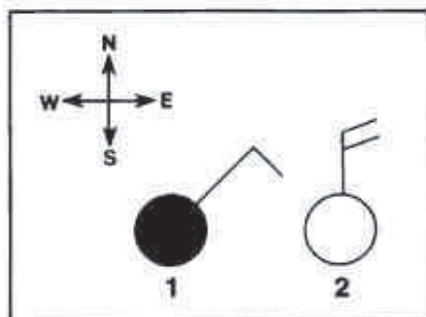
Read each statement below. If the statement is true, write *T* in the space provided.

If the statement is false, write *F* in the space provided.

- _____ 1. The World Meteorological Organization was created to promote the rapid exchange of weather information.
- _____ 2. Station models summarize weather conditions at individual weather observation stations.
- _____ 3. The dew point is a measure of air pressure.
- _____ 4. Extended forecasts usually predict precipitation very accurately.
- _____ 5. Hurricanes have been successfully controlled using cloud seeding.

Read each question and answer it in the space provided.

6. On a weather map, what is a line connecting the points of equal atmospheric pressure called? _____



7. What is the wind direction indicated by the symbol labeled 2? _____

8. What cloud conditions are indicated by the symbol labeled 1? _____

9. What do scientists try to produce by adding freezing nuclei to supercooled clouds? _____
10. Daily forecasts usually predict weather conditions for how many consecutive hours? _____