

#### QUESTION 11

Which of these conditions in the atmosphere must be present in order for precipitation to occur and to reach the ground?

1. Adequate moisture is available at all levels in the atmosphere.
2. Moist air is cooled to its saturation point usually by lifting or contact with cooler air.
3. Hygroscopic particles are present in the air to form nuclei for rain drops.
4. The rain droplets are large enough and do not evaporate in the lower levels before reaching the ground.

FIGURE 16 — CIRROSTRATUS

