

## 4.6 Water and the Weather

## Questions

### How I Am Being Assessed

---

---

---

### Understanding Concepts

1. Starting with evaporation at or near Earth's surface, list the changes of state that occur to form

(a) dew \_\_\_\_\_

(b) frost \_\_\_\_\_

(c) drizzle \_\_\_\_\_

(d) snow \_\_\_\_\_

(e) ice pellets \_\_\_\_\_

2. Compare and contrast

(a) drizzle and rain \_\_\_\_\_

(b) wet snow and dry snow \_\_\_\_\_

### Making Connections

3. Of the types of precipitation described in this section, which type do you think would create the most dangerous situation at an airport? Explain your answer.

---

---

---

4. In several regions in Canada, salt is spread on roads when they are snowy or icy.

(a) Why do you think salt is spread? (Hint: Think about how the bottom of your pants, boots, or shoes look if they get salt on them.)

---

---

---

---

---

---

(b) Make a chart comparing the advantages and disadvantages of spreading salt on roads.

Advantages	Disadvantages