

# 4.4 Case Study Three Days of Canadian Weather

Report

How I Am Being Assessed \_\_\_\_\_  
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## Day 1: Friday 19:00 h (7 P.M.)

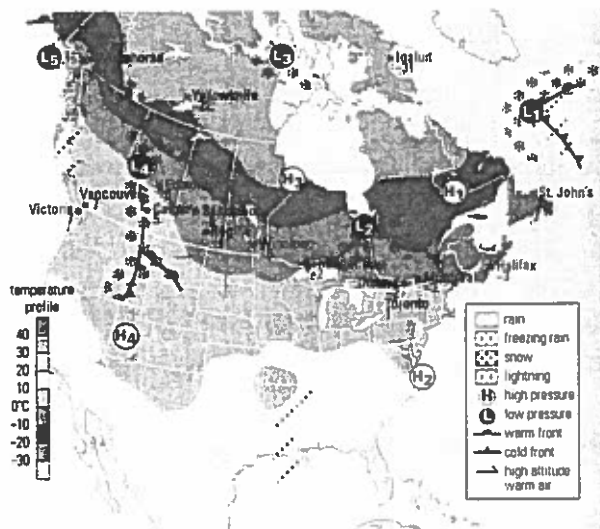


Figure 1  
Friday

Use Figure 1 to answer the following questions:

- (a) What types of fronts are shown on the map?

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(b) Where are the fronts located?

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(c) What types of precipitation are shown?

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(d) Which provinces show precipitation?

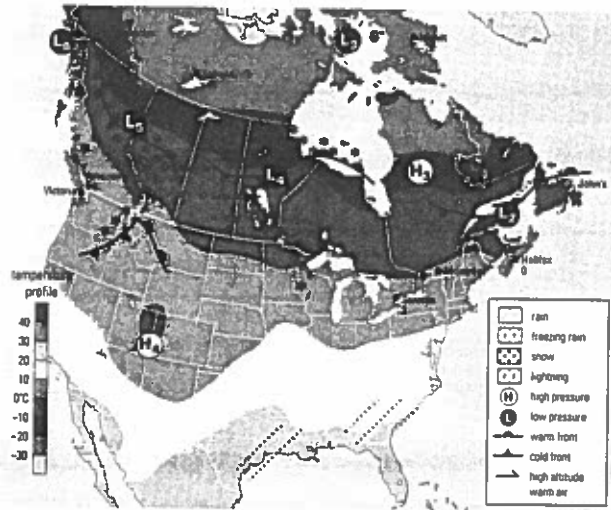
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(e) Which pressure systems are shown? \_\_\_\_\_ High \_\_\_\_\_ Low

**Day 2: Saturday**  
**19:00 h (7 P.M.)**



**Figure 2**  
**Saturday**

Use **Figure 2** to answer the following questions.

- (f) In what general direction are the pressure systems in southern Canada moving?

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- (g) Do the pressure systems in the Arctic appear to be moving at the same speed as the systems in southern Canada? Explain your answer.

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- (h) Create a 24-h weather forecast for your area based on the maps in **Figures 1 and 2**.

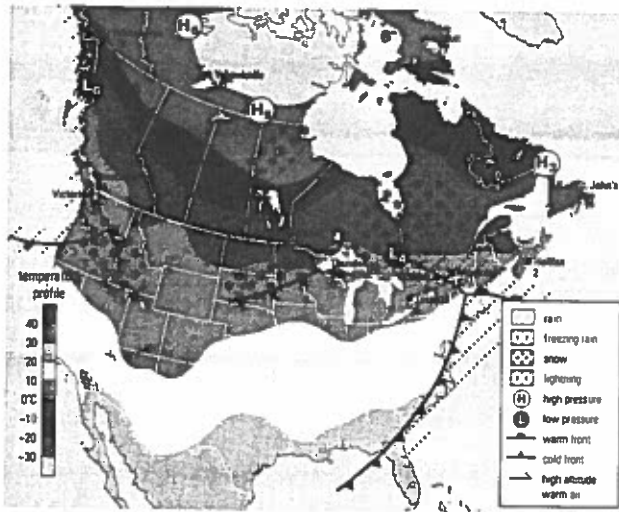
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**Day 3: Sunday**  
**19:00 h (7 P.M.)**



**Figure 3**  
**Sunday**

- (i) In the past 24 h, which region in Canada received the most precipitation? the most stable, pleasant weather? Explain your answers.

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- (j) On a map of Canada, draw what you think will be the weather map for all of Canada at 19:00 h (7 P.M.), Day 4, of the sequence.