

Determine the listed weather elements for each plotted station model. Omit elements not plotted. According to the longitude and latitude given, please determine the location of the station and the local time at the given UTC. Then please describe the current weather and speculate about the meteorological context. (16.7 pts each, total 100 pts)

1. 25N, 80W, 18Z (1 pt for each blank)



- a. Wind speed _____
- b. Wind direction _____
- c. Sky cover _____

- d. Temperature _____
- e. Visibility _____
- f. Current weather _____
- g. Dew point _____
- h. Low cloud type _____
- i. Pressure tendency _____
- j. Sea-level pressure _____
- k. Middle cloud type _____
- l. High cloud type _____

Location and local time (2pts):

Describe weather conditions (2.7 pts):

2. 25N, 80W, 00Z (1 pt for each blank)



- a. Wind speed _____
- b. Wind direction _____
- c. Sky cover _____

- d. Temperature _____
- e. Visibility _____
- f. Current weather _____
- g. Dew point _____
- h. Low cloud type _____
- i. Pressure tendency _____
- j. Sea-level pressure _____
- k. Middle cloud type _____
- l. High cloud type _____

Location and local time (2pts):

Describe weather conditions (2.7 pts):

3. 47S, 127E, 06Z (1 pt for each blank)

- a. Wind speed _____
- b. Wind direction _____
- c. Sky cover _____
- d. Temperature _____
- e. Visibility _____
- f. Current weather _____
- g. Dew point _____

Location and local time (2pts):

Describe weather conditions (2.7 pts):

- h. Low cloud type _____



- i. Pressure tendency _____
- j. Sea-level pressure _____
- k. Middle cloud type _____
- l. High cloud type _____

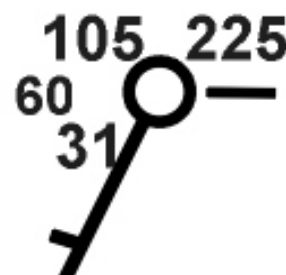
4. 33N 112W, 21Z (1 pt for each blank)

- m. Wind speed _____
- n. Wind direction _____
- o. Sky cover _____
- p. Temperature _____
- q. Visibility _____
- r. Current weather _____
- s. Dew point _____
- t. Low cloud type _____

Location and local time (2pts):

Describe weather conditions (2.7 pts):

- u. Pressure tendency _____



- v. Sea-level pressure _____
- w. Middle cloud type _____
- x. High cloud type _____

5. 37N 122W, 12Z (1 pt for each blank)

- a. Wind speed _____
- b. Wind direction _____
- c. Sky cover _____
- d. Temperature _____
- e. Visibility _____
- f. Current weather _____
- g. Dew point _____



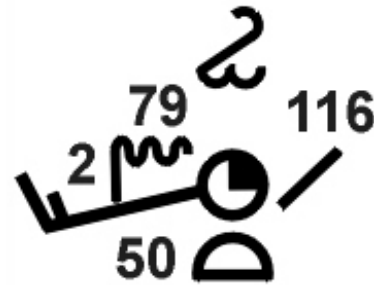
- h. Low cloud type _____
- i. Pressure tendency _____
- j. Sea-level pressure _____
- k. Middle cloud type _____
- l. High cloud type _____

Location and local time (2pts):

Describe weather conditions (2.7 pts):

6. 42N 95W, 18Z (1 pt for each blank)

- a. Wind speed _____
- b. Wind direction _____
- c. Sky cover _____
- d. Temperature _____
- e. Visibility _____
- f. Current weather _____
- g. Dew point _____
- h. Low cloud type _____



- i. Pressure tendency _____
- j. Sea-level pressure _____
- k. Middle cloud type _____
- l. High cloud type _____

Location and local time (2pts):

Describe weather conditions (2.7 pts):