

**SCI 107
Meteorology**

Sample METAR Decoding Practice Problem

Decode the following METAR report:

KISP 221456Z 10008G20KT 7SM -RA BKN008 OVC240 12/09 A3000 RMK P0002

Use the METAR Abbreviations Table to decode the following information from the METAR report above. Be sure to include the proper unit, if necessary, as a part of your answer. Failure to write down the proper unit, when necessary, will cause you to get that problem wrong. Write the letters "N/A" if the requested information was not present in the METAR code. Leaving a question blank will cause you to get that question wrong.

1. Country in which the observation was taken _____
2. Location at which the observation was taken _____
3. Day of the month the observation was taken _____
4. Time of the observation in Eastern Standard Time (EST) _____
5. Temperature _____
6. Dew-Point Temperature _____
7. Air Pressure _____
8. Present Weather _____
9. Wind Direction _____
10. Sustained Wind Speed _____
11. Wind Gusts _____
12. Height of Low Clouds _____
13. Height of Middle Clouds _____
14. Height of High Clouds _____
15. Visibility _____
16. Amount of liquid precipitation in the past hour _____
17. Cloud Coverage Low _____
18. Cloud Coverage Middle _____
19. Cloud Coverage High _____