

Name: _____

AVIA 101 Homework Assignment # 5
Answers are located in your Jeppesen Private Pilot Manual

Chapter 7 Interpreting Weather Data

1. In the METAR below, what is the ceiling at KBLV? Is this MSL or AGL?

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METAR KBLV 110057Z 30010KT 7SM SCT120 BKN250 13/09 A2958 RMK WND  
DATA ESTMD SLP015
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2. In the TAF below, by 1500Z, what are the expected winds and ceiling at KBLV expected to be?

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KBLV 110024 29011KT 9999 SCT120 BKN250 QNH2951INS  
BECMG 0506 31009KT 9999 BKN250 QNH2977INS  
BECMG 1415 28009KT 9999 SCT030 QNH3000INS  
T17/20Z T08/10Z
```

3. In a winds and temperatures aloft forecast, the winds are given in _____ direction and speed shown in _____.

4. In a FD, the wind direction and speed information is shown by a four digit code. Explain what the digits represent.

5. In the center of the U. S. low-level significant weather prognostic chart, what do the following represent?

Oval with scalloped lines –
Oval with broken lines –

6. Describe the following:

Outlook briefing –
Standard briefing –
Abbreviated briefing –

7. What pilot service provides current weather information along your route of flight and distribution of PIREPs?

8. Access to the Internet, go to the following URL and request a METAR and TAF for KCPS. Write the information on the back of this paper or attach a printed copy.

<https://aviationweather.ncep.noaa.gov/>