

Practice Decoding METARs

Have students answer the following for each METAR:

Airport Name: _____

Wind Direction: _____

Wind Speed: _____

Visibility: _____

Cloud Conditions: _____

Temperature: _____

Dew Point: _____

Pressure (Altimeter/QNH): _____

Would you recommend:

- ☐ Depart
- ☐ Delay
- ☐ Use Caution

Decode the following METARs

1. LFPG 151330Z 24014KT 9999 SCT035 BKN120 22/14 Q1017
2. RKSI 151400Z 19009KT 9999 FEW020 SCT070 27/22 Q1008
3. NZAA 151330Z 16018KT 9999 BKN030 16/11 Q1024
4. PHNL 151400Z 08015KT 10SM FEW025 SCT050 30/24 A3008
5. OTHH 151330Z 33012KT 8000 SKC 40/21 Q1001
6. SPJC 151400Z 19010KT 7000 BKN015 18/16 Q1016

ANSWER KEY

1. Paris Charles de Gaulle, France (LFPG)

METAR

LFPG 151330Z 24014KT 9999 SCT035 BKN120 22/14 Q1017

Plain Language

Airport: Paris Charles de Gaulle, France

Observation taken at 13:30 UTC

Wind from 240° at 14 knots

Visibility 10 km or greater

Scattered clouds at 3,500 ft

Broken clouds at 12,000 ft

Temperature 22°C

Dew point 14°C

Pressure 1017 hPa

3. Auckland, New Zealand (NZAA)

METAR

NZAA 151330Z 16018KT 9999 BKN030 16/11 Q1024

Plain Language

Airport: Auckland Airport, New Zealand

Observation taken at 13:30 UTC

Wind from 160° at 18 knots

Visibility 10 km or greater

Broken clouds at 3,000 ft

Temperature 16°C

Dew point 11°C

Pressure 1024 hPa

5. Doha, Qatar (OTHH)

METAR

OTHH 151330Z 33012KT 8000 SKC 40/21 Q1001

Plain Language

Airport: Hamad International Airport, Qatar

Observation taken at 13:30 UTC

Wind from 330° at 12 knots

Visibility 8 km

Sky clear

Temperature 40°C

Dew point 21°C

Pressure 1001 hPa

2. Incheon, South Korea (RKSI)

METAR

RKSI 151400Z 19009KT 9999 FEW020 SCT070 27/22 Q1008

Plain Language

Airport: Incheon International Airport, South Korea

Observation taken at 14:00 UTC

Wind from 190° at 9 knots

Visibility 10 km or greater

Few clouds at 2,000 ft

Scattered clouds at 7,000 ft

Temperature 27°C

Dew point 22°C

Pressure 1008 hPa

4. Honolulu, Hawaii, USA (PHNL)

METAR

PHNL 151400Z 08015KT 10SM FEW025 SCT050 30/24 A3008

Plain Language

Airport: Daniel K. Inouye International Airport, Hawaii, USA

Observation taken at 14:00 UTC

Wind from 080° at 15 knots

Visibility 10 statute miles

Few clouds at 2,500 ft

Scattered clouds at 5,000 ft

Temperature 30°C (86°F)

Dew point 24°C (75°F)

Altimeter 30.08 inHg

6. Lima, Peru (SPJC)

METAR

SPJC 151400Z 19010KT 7000 BKN015 18/16 Q1016

Plain Language

Airport: Jorge Chávez International Airport, Peru

Observation taken at 14:00 UTC

Wind from 190° at 10 knots

Visibility 7 km

Broken clouds at 1,500 ft

Temperature 18°C

Dew point 16°C

Pressure 1016 hPa