



**METAR** (Aviation Routine Weather Report)

Issued +55 past the hour and valid hourly

Example:

METAR KJFK 242235Z 28024G36KT 7SM -RA BR BKN009 OVC020CB 26/24 A2998  
RMK AO2 SLP993 T02640238 56012

KJFK - Station ID

242235Z - Prepared on the 24th at 2235 Zulu (UTC)

28024G36KT - Winds are from 280 at 24 Knots Gusting to 36 Knots

7SM - Visibility 7 Statute Miles

-RA BR - Light Rain (-RA) Mist (BR)

BKN009 OVC020CB - Ceiling 900ft broken, 2,000ft Overcast, Cumulonimbus

26/24 - Temperature 26 degrees C, dew point 24 degrees C

A2998 - Altimeter 29.98

RMK - Remarks

AO2 - Station has automatic precipitation discriminator

SLP993 - Sea level pressure 999.3 hectopascals (add either a "9" or "10" whichever makes the number closest to 1,000)

T02640238 - Exact Temperature 26.4, Exact Dewpoint 23.8

56012 - Atmospheric Pressure lower since previous 3 hours ago ("5" means Atmospheric Pressure. If the next number is a 1,2,3 the Atmospheric Pressure has increased since the previous 3 hours. 4 means it has stayed the same, 5,6,7,8 Means its has decreased. In our case it has decreased "thus the 6" by .12

Quick Weather Help:

- Light Moderate  
+ Heavy  
**VC** In the Vicinity  
**MI** Shallow  
**PR** Partial  
**BC** Patches  
**DR** Low Drifting  
**BL** Blowing  
**SH** Shower(s)  
**TS** Thunderstorm  
**FZ** Freezing  
**DZ** Drizzle  
**RA** Rain  
**SN** Snow  
**SG** Snow Grains  
**IC** Ice Crystals  
**PL** Ice Pellets  
**GR** Hail  
**GS** Small Hail and/or Snow Pellets  
**UP** Unknown Precipitation  
**BR** Mist  
**FG** Fog  
**FU** Smoke  
**VA** Volcanic Ash  
**DU** Widespread Dust  
**SA** Sand  
**HZ** Haze  
**PY** Spray  
**PO** Well-Developed Dust/Sand Whirls  
**SQ** Squalls  
**FC** Funnel Cloud Tornado Waterspout  
**SS** Sandstorm  
**SS** Duststorm