



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