

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 Tomado Waterspout
SS Sandstorm
SS Duststorm

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