METAR and TAF Weather Reports

Weather Identifiers:

TS - Thunderstorm
FC - Funnel Cloud
SQ - Squall
GR - Hail
GS - Small Hail/Snow Pellets
SG - Snow Grains
PL - Ice Pellets
IC - Ice Crystals
BR - Mist
FG - Fog
FU - Smoke
VA - Volcanic Ash
DU - Widespread Dust
SA - Sand
HZ - Haze
PY - Spray
DS - Dust Storm
SS - Sand Storm
PO - Well-Developed Dust/Sand Whirls
SQ - Squall
FC - Funnel Cloud
+FC - Tornado/Waterspout
DS - Dust Storm
SS - Sand Storm
SH - Shower
TS - Thunderstorm
FZ - Freezing
MI - Shallow
PR - Partial
BC - Patches
BL - Blowing
DR - Low Drifting
SH - Shower
TS - Thunderstorm
FZ - Freezing
MI - Shallow
PR - Partial
BC - Patches
BL - Blowing
DR - Low Drifting

Modifiers: - Light + Heavy VC Within 5 miles

Cloud Types:
SKC - Sky Clear
FEW - Few cloud layer 9-50m in feet
SCT - Scattered cloud layer 51-84m in feet
BKN - Broken cloud layer 85-99m in feet
OVC - Overcast cloud layer 100m coverage
VV - Vertical cloud layer 100m in feet
CB - Cumulonimbus
TCU - Towering cumulus
CIRRUS - Cirrus
CIRROSTRATUS - Cirrostratus
CIRROCUMULUS - Cirrocumulus
ALTOSTRATUS - Altostratus
ALTOCUMULUS - Altocumulus
STRATUS - Stratus
STRATOCUMULUS - Stratocumulus
NIMBOSTRATUS - Nimbostratus
CUMULUS - Cumulus
CUMULONIMBUS - Cumulonimbus

Wind Speed:
KT - Knots
MPH - Miles per hour
MPS - Meters per second
KMH - Kilometers per hour

Wind Direction:
VRB - Variable
VRB - Variable Wind
VV - Vertical Visibility, indefinite ceiling
WS - Wind shear
WSHT - Wind shift
LFT - Left
RWY - Runway

Visibility:
SM - Statute miles
M - Meters
P - Greater than
M - Less than
B - Greater than

Pressure:
INCH - Inches of mercury
MB - Millibars
HPA - Hectopascals
PSI - Pounds per square inch

Temperature:
C - Celsius
F - Fahrenheit

Other:
NSW - No significant weather
NOSPECI - No special report
METAR - Meter report
SPECI - Special report
METAR - Meter report
TAF - Terminal Aerodrome Forecast
AUTO - Automated report
COR - Corrected report
RMK - Remark
TEMPO - Temporary
FM - From
TL - Until
AT - At
BECMG - Becoming
PROB - Probability of 40%
PROB30 - Probability of 30%
TX - Max temp
TN - Min temp
Z - Zulu time
RVR - Runway Visual Range
RVRNO - Runway Visual Range not available
SFC VIS - Surface Visibility
TWR VIS - Tower Visibility
SLP10 - Sea Level Pressure 10 mb
SLP00 - Sea Level Pressure 00 mb
SLP50 - Sea Level Pressure 50 mb
SLP99 - Sea Level Pressure 99 mb
PK WND - Peak Wind
WSHFT - Wind shift
TSB - Thunderstorm Begin
TSE - Thunderstorm End
TSB15 - Thunderstorm Begin 15 min
TSE15 - Thunderstorm End 15 min
TSB30 - Thunderstorm Begin 30 min
TSE30 - Thunderstorm End 30 min
TSB15E30 - Thunderstorm Begin 15 min Ended 30 min
TS OHD - Thunderstorm Overhead
V - Varying
VIRGA - Virga
VRB - Variable
VV - Vertical Visibility
VV - Vertical Visibility, indefinite ceiling
WS - Wind shear
WSHT - Wind shift
LFT - Left
RWY - Runway

Encoded Groups:
1snTT - Temp. 1 = Sign, T = Tenths
2snTD - Dew point temp.
3SLPH - Sea Level Pressure
4PHPHPHPH - Pressure Falling or Rising Rapidly
5appp - Pressure Falling or Rising Slowly
6RRRtR - Precipitation amount
7wwW1W2 - Present weather
8NhCLCMCH - Sky cover
9GGgg - Time of observation
A0bbb - Station type
A1bw1bw2 - Precipitation type
A2cc - Cloud type
A3ccc - Cloud amount
A4hshs - Cloud height
A5bbb - Visibility
A6bw1bw2 - Weather
A7fxfxfxf