



KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

Forecast	Explanation	Report
WS010/31022KT FM1930 TEMPO 2022 PROB40 0407 BECMG 1315	In U.S. TAF , non-convective low-level ($\leq 2,000$ ft) Wind Shear ; 3-digit height (hundreds of ft); "/ ; 3-digit wind direction and 2-3 digit wind speed above the indicated height, and unit, KT In METAR , ReMarK indicator & remarks. For example: Sea-Level Pressure in hectoPascals & tenths, as shown: 1004.5 hPa; Temp/dew-point in tenths °C, as shown: temp. 18.2°C, dew-point 15.9°C FrOM and 2-digit hour and 2-digit minute beginning time: indicates significant change. Each FM starts on new line, indented 5 spaces. TEMPO rary: changes expected for < 1 hour and in total, < half of 2-digit hour beginning and 2-digit hour ending time period PROB ability and 2-digit percent (30 or 40): probable condition during 2-digit hour beginning and 2-digit hour ending time period BECOMinG : change expected during 2-digit hour beginning and 2-digit hour ending time period	RMK SLP045 T01820159

Table of Significant Present, Forecast and Recent Weather - Grouped in categories and used in the order listed below; or as needed in TAF, **No Significant Weather**.

QUALIFIER			
Intensity or Proximity			
- Light	*no sign*	Moderate	+ Heavy
VC Vicinity: but not at aerodrome; in U.S. METAR , between 5 and 10SM of the point(s) of observation; in U.S. TAF , 5 to 10SM from center of runway complex (elsewhere within 8000m)			
Descriptor			
MI Shallow	BC Patches	PR Partial	TS Thunderstorm
BL Blowing	SH Showers	DR Drifting	FZ Freezing
WEATHER PHENOMENA			
Precipitation			
DZ Drizzle	RA Rain	SN Snow	SG Snow grains
IC Ice crystals	PE Ice pellets	GR Hail	GS Small hail/snow pellets
UP Unknown precipitation in automated observations			
Obscuration			
BR Mist ($\geq 5/8SM$)	FG Fog ($< 5/8SM$)	FU Smoke	VA Volcanic ash
SA Sand	HZ Haze	PY Spray	DU Widespread dust
Other			
SQ Squall	SS Sandstorm	DS Duststorm	PO Well developed dust/sand whirls
FC Funnel cloud	+FC tornado/waterspout		

- Explanations in parentheses "()" indicate different worldwide practices.
- Ceiling is not specified; defined as the lowest broken or overcast layer, or the vertical visibility.
- **NWS TAFs** exclude turbulence, icing & temperature forecasts; **NWS METARs** exclude trend fcsts
- Although not used in US, **Ceiling And Visibility OK** replaces visibility, weather and clouds if: visibility ≥ 10 km; no cloud below 5000 ft (1500 m) or below the highest minimum sector altitude, whichever is greater and no CB; and no precipitation, TS, DS, SS, MIFG, DRDU, DRSA or DRSN.

March 1996 UNITED STATES DEPARTMENT OF COMMERCE
 NOAA/PA 96052 National Oceanic and Atmospheric Administration—National Weather Service