ANNEX 1 – SYMBOLS FOR SIGNIFICANT WEATHER (Extract from Appendix 1 to ICAO Annex 3, Eighteenth Edition, applicable November 2013)

IMPORTANT NOTE: The symbols used on the WAFS SIGWX charts are a subset of the symbols in Appendix 2 to ICAO Annex 3.

9	Tropical cyclone
~	Moderate turbulence
_^	Severe turbulence
Ψ	Moderate aircraft icing
€	Severe aircraft icing
	Radioactive materials in the atmosphere**
Ľ.	Volcanic eruption***
H 450	Tropopause high
270	Tropopause low
380	Tropopause level
FL 270	Position, speed and level of maximum wind
_	

Wind arrows indicate the maximum wind in jet and the flight level at which it occurs. If the maximum wind speed is 60 m/s (120 kt) or more, the flight levels between which winds are greater than 40 m/s (80 kt) is placed below the maximum wind level. In the example, winds are greater than 40 m/s (80 kt) between FL 220 and FL 400. The heavy line delineating the jet axis begins/ends at the points where a wind speed of 40 m/s (80 kt) is forceast.

H Symbol used whenever the height of the jet axis changes by +/-3000 ft or the speed changes by +/-20 kt

- In-flight documentation for flights operating up to FL 100. This symbol refers to "squall line".
- ** The following information should be included in a separate text box on the chart: radioactive materials in the atmosphere symbol; latitude/longitude of release site; and (if known) the name of the site of the radioactive source. In addition, the legend of SIGWX charts on which a release of radiation is indicated should contain "CHECK SIGMET AND NOTAM FOR RDOACT CLD". The centre of the radioactive materials in the atmosphere symbol should be placed on significant weather charts at the latitude/longitude site of the radioactive source.
- *** The following information should be included in a separate text box on the chart: volcanic eruption symbol; the name of the volcano (if known); and the latitude/ longitude of the eruption.

In addition, the legend of SIGWX charts should indicate "CHECK SIGMET, ADVISORIES FOR TC AND VA, AND ASHTAM AND NOTAM FOR VA". The dot on the base of the volcanic eruption symbol should be placed on significant weather charts at the latitude/longitude site of the volcanic event.