

1. VAAs (Volcanic Ash Advisory)

The VAA template is described in Annex 3 [Meteorological Service for International Air navigation], in Appendix 2, Table A2-1 [Template for advisory message for Volcanic Ash].

VAA - example 1

VA ADVISORY
DTG: 20100101/0605Z
VAAC: TOULOUSE
VOLCANO: ETNA 211060
PSN: N3744 E01500
AREA: ITALY
SUMMIT ELEV: 3330M
ADVISORY NR: 2015/12
INFO SOURCE: INGV, WEBCAM
AVIATION COLOUR CODE: RED
ERUPTION DETAILS: ERUPTION STARTED AT 0600Z
OBS VA DTG: 02/0600Z
OBS VA CLD: SFC/FL130 N3750 E01500 - N3800 E01550 - N3735 E01550 - N3750 E01500
MOV E 45KT
FCST VA CLD +6HR: 02/1200Z SFC/FL130 N3750 E01505 - N3840 E01950 - N3710 E01945 -
N3750 E01505
FCST VA CLD +12HR: 02/1800Z NOT PROVIDED
FCST VA CLD +18HR: 03/0000Z NOT PROVIDED
RMK: PLEASE CHECK SIGMET FOR CURRENT WARNINGS.
NXT ADVISORY: NO LATER THAN 20150202/1200Z=

VAA - example 2

VA ADVISORY
DTG: 20100101/1500Z
VAAC: LONDON VOLCANO: ORAEFAJOKULL 374010
PSN: N6400 W01639 AREA: ICELAND
SUMMIT ELEV: 2119M
ADVISORY NR: 2010/002
INFO SOURCE: IMO
AVIATION COLOUR CODE: RED
ERUPTION DETAILS: OBS ASH PLUME, EST 12KM FROM RADAR.
OBS VA DTG: 10/1500Z
OBS VA CLD: NO VA EXP
FCST VA CLD +6HR: 10/2100Z SFC/FL200 N6329 W01651 - N6517 W01614 - N6849 E00351 -
N6742 E01549 - N6329 W01651 FL200/350 N6327 W01656 - N6600 W01444 - N6750 W00307 -
N6854 E01550 - N6718 E01833 - N6327 W01656 FL350/550 N6325 W01635 - N6450 W01625 -
N6812 W00004 - N6841 E01441 - N6726 E01653 - N6325 W01635

VOLCANIC ASH CONTINGENCY PLAN – EUR/NAT, *Attachments X2 & X3 extract*
— **West Europe - Regional Model Templates** —

FCST VA CLD +12HR: 11/0300Z SFC/FL200 N6334 W01640 - N6526 W01629 - N6945 E00502 - N6658 E03036 - N6327 E03908 - N6629 E00931 - N6334 W01640
FL200/350 N6329 W01701 - N6556 W01624 - N7009 E00806 - N6431 E04310 - N6026 E04358 - N6709 E00854 - N6329 W01701
FL350/550 N6334 W01650 - N6551 W01547 - N6931 E01235 - N6439 E03929 - N6128 E04027 - N6634 E01013 - N6334 W01650
FCST VA CLD +18HR: 11/0900Z SFC/FL200 N6327 W01717 - N6517 W01706 - N6905 E00017 - N6949 E02107 - N6024 E05301 - N5804 E05147 - N6630 E01612 - N6327 W01717 FL200/350 N6327 W01645 - N6556 W01613 - N7054 E01405 - N5925 E05658 - N5421 E04829 - N6717 E01018 - N6327 W01645 FL350/550 N6327 W01634 - N6634 W01510 - N7012 E01458 - N5953 E05349 - N5558 E04930 - N6630 E01405 - N6327 W01634
RMK: ASH PLUME NOW OBS, ESTIMATED HEIGHT 12KM FROM RADAR. INCREASING SEISMIC ACTIVITY. NXT ADVISORY: WILL BE ISSUED BY 20150210/1800Z =

2. VAAC – Volcanic Ash Advisory Centers

The VAA provided by the VAAC provides a regional view of the areas of ash contamination. VAAC contact details can be found in ICAO Doc 9766 table 4-2.

In the event of an eruption, VAAC London or VAAC Toulouse will provide the ICAO Annex 3 [*Meteorological Services for International Air Navigation*] **Volcanic Ash Advisory (VAA)** and Volcanic Ash Graphic (VAG) as soon as practicable.

Thereafter, VAA and VAG will be updated every 6 hours at 00, 06, 12 and 18 UTC for T+0, T+6, T+12, T+18 hours.

Although not currently a standard product, a T+24 VAG and/or VAA product is currently being trialed by VAAC Toulouse and VAAC London. This product is simply a standalone continuation of the standard VAG/VAA product showing the expected locations of plumes at the T+24 hour forecast stage.

3. VAA dissemination:

- a) VAA are sent by the VAACs to the MWOs and ACC/FICs following ICAO Doc 9766 Part 2
- b) The VAAs are to be sent onto AFTN.
- c) VAAs are provided on the website detailed below:
 - VAAC London Website www.metoffice.gov.uk/aviation/vaac/
 - VAAC Toulouse Website www.meteo.fr/vaac/
- d) VAAs can be retrieved as well in the secure SADIS FTP site and WIFS https service.