

NOUS41 KWBC 282040
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-08
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
340 PM EST THU MAR 28 2002

TO: NATIONAL WEATHER SERVICE /NWS/ OFFICES
FEDERAL AVIATION ADMINISTRATION /FAA/ CUSTOMERS
FAMILY OF SERVICES /FOS/ SUBSCRIBERS
OTHER CUSTOMERS OF NWS AVIATION FORECASTS

FROM: MARK ANDREWS
CHIEF...AVIATION SERVICES BRANCH

SUBJECT: NEW FORMAT FOR VOLCANIC ASH ADVISORY /VAA/ ISSUED BY FORMAT FOR
WASHINGTON AND ANCHORAGE VOLCANIC ASH ADVISORY CENTERS...EFFECTIVE MAY 1
2002

EFFECTIVE WEDNESDAY...MAY 1 2002 AT 0000 COORDINATED UNIVERSAL TIME
/UTC/...THE WASHINGTON VOLCANIC ASH ADVISORY CENTER /VAAC/ AND THE
ANCHORAGE VAAC WILL ADOPT THE NEW INTERNATIONAL CIVIL AVIATION
ORGANIZATION /ICAO/ FORMAT FOR THE VOLCANIC ASH ADVISORY /VAA/ PRODUCT.
THE WASHINGTON VAAC IS JOINTLY OPERATED BY THE NWS NATIONAL CENTERS FOR
ENVIRONMENTAL PREDICTION /NCEP/ AND THE NATIONAL ENVIRONMENTAL
SATELLITE...DATA AND INFORMATION SERVICE /NESDIS/. THE ALASKA AVIATION
WEATHER UNIT /AAWU/ SERVES AS THE ANCHORAGE VAAC. NO COMMUNICATION HEADER
CHANGES WILL TAKE PLACE. REPEAT...NO HEADER CHANGES WILL TAKE PLACE.
CHANGES WILL ONLY OCCUR TO INTERNAL PRODUCT ORGANIZATION AND STRUCTURE.
FORMAT CHANGES WILL TAKE PLACE FOR THE FOLLOWING PRODUCT IDENTIFIERS:

PRODUCT	AWIPS ID	WMO HEADER
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ANCHORAGE VAA	VAAAK/0-4/	FVAK/20-24/ PANC
WASHINGTON VAA	NONE	FVXX/20-27/ KWBC

HOLDERS OF WEATHER SERVICE OPERATIONS MANUAL /WSOM/ CHAPTER D-38
/INTERNATIONAL AVIATION FORECASTS/ SHOULD MAKE THE APPROPRIATE CHANGES TO
THE APPENDICES. EXAMPLES OF THE NEW PRODUCT FORMAT FOLLOW.

EXAMPLE 1:

FVXX22 KWBC 211800
VOLCANIC ASH ADVISORY
ISSUED: 2002NOV21/1800Z
VAAC: WASHINGTON

VOLCANO: POPOCATEPETL 1401-09
LOCATION: N1901W9837
AREA: MEXICO SUMMIT
ELEVATION: 17930 FT (5465 M)
ADVISORY NUMBER: 2002/103
INFORMATION SOURCE: GOES-8 IMAGERY. MEXICO CITY MWO. AVN MODEL WINDS
FORECAST. PILOT REPORTS. MEXICO CITY UPPER AIR SOUNDING.

ERUPTION DETAILS: EXHALATION AT 21/1702Z OBS ASH
DATE/TIME: 21/1715Z
OBS ASH CLOUD: SFC/FL350 N1901W9837 N1820W9833 N1844W9905 N1857W9910
N1901W9837 MOVING SW 25-35 KNOTS
FCST ASH CLOUD: SEE SIGMET
REMARKS: THE MEXICO CITY METEOROLOGICAL WATCH OFFICE REPORTS AN EXHALATION
OF THE VOLCANO WITH MOSTLY STEAM MIXED WITH SOME ASH. PILOT REPORTS
SUGGEST THAT THE ASH IS TO FL350. ASH MAY EXTEND FARTHER TO THE WEST THAN
INDICATED BECAUSE CLOUDS WEST OF THE VOLCANO ARE HAMPERING ASH DETECTION.
NEXT ADVISORY: WILL BE ISSUED BY 2001NOV22/0000Z
[END OF EXAMPLE 1]

EXAMPLE 2:

FVAK20 PANC 192300
VAAAK0
VOLCANIC ASH ADVISORY
ISSUED: 2002MAR19/2300Z
VAAC: ANCHORAGE

VOLCANO: CLEVELAND 1101-24
LOCATION: N5250W16957
AREA: ALEUTIAN ISLANDS ALASKA
SUMMIT ELEVATION: 5674 FT (1730 M)
ADVISORY NUMBER: 2002/03
INFORMATION SOURCE: GOES-10 IMAGERY-PIREPS
AVIATION COLOR CODE: RED
ERUPTION DETAILS: CONTINUOUS ERUPTION 19/1500Z TO 19/2000Z
OBS ASH DATE/TIME: 19/2230Z
OBS ASH CLOUD: SFC/FL350 60 NM EITHER SIDE OF A LN N57W169 N47W158 LN
EXTNDG N AND S AND MOV E 30KT
FCST ASH CLOUD+6HR: 20/0500Z SFC/FL350 60 NM EITHER SIDE OF A LN N60W155
N45W148
FCST ASH CLOUD+12HR: 20/1100Z SFC/FL350 N55W148 N53W143 N48W143 N50W147
N55W148
FCST ASH CLOUD+18HR: 20/1700Z SFC/FL350 NO ASH EXP
REMARKS: SHORT SECONDARY ERUPTION 19/2215Z. THERE IS A HIGH POTENTIAL FOR
ADDITIONAL ERUPTIONS AT ANY TIME.
NEXT ADVISORY: 20/0500Z
[END OF EXAMPLE 2]

IF YOU HAVE ANY QUESTIONS REGARDING THE VOLCANIC ASH ADVISORY FORMAT
CHANGE...PLEASE CONTACT:

MR. WILLIAM ALEXANDER
NATIONAL VOLCANIC ASH PROGRAM MANAGER
NATIONAL WEATHER SERVICE ALASKA REGION
ANCHORAGE ALASKA
PHONE: 907-271-5132
EMAIL: BILL.ALEXANDER@NOAA.GOV /USE LOWER CASE/

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:
[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)
END NNNN