

NOUS41 KWBC 282052
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 CUSTOMERS
FAMILY OF SERVICES 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
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 AND DATA 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 |
|----------------|------------|------------------|
| ANCHORAGE VAA | VAAAK/0-4/ | FVAK/20-24/ PANC |
| WASHINGTON VAA | NONE | FVXX/20-27/ KWBC |

HOLDERS OF 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:

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NATIONAL VOLCANIC ASH PROGRAM MANAGER
NATIONAL WEATHER SERVICE ALASKA REGION
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PHONE: 907-271-5132
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THIS AND OTHER NWS NOTIFICATIONS ARE AVAILABLE ON THE INTERNET /USE
LOWER CASE/

<http://www.nws.noaa.gov/om/notif.htm>

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