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PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 00-01
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
830 AM EST MON NOV 1 1999

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
           FEDERAL AVIATION ADMINISTRATION /FAA/ CUSTOMERS AND EMPLOYEES
           OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: THERESE Z. PIERCE
           CHIEF...INTEGRATED HYDROMETEOROLOGICAL SERVICES CORE
           NWS OFFICE OF METEOROLOGY

SUBJECT: STANDARDIZATION OF LATITUDE AND LONGITUDE REFERENCES IN AVIATION
TEXT PRODUCTS ISSUED BY U.S. METEOROLOGICAL WATCH OFFICES AND VOLCANIC ASH
ADVISORY CENTERS...EFFECTIVE JANUARY 3 2000 AT 0000 UTC

THERE IS CURRENTLY NO STANDARD FOR INDICATING LATITUDE AND LONGITUDE
POINTS IN AVIATION PRODUCTS WHEN RESOLUTION FINER THAN A WHOLE DEGREE IS
REFERENCED. THE INTERNATIONAL CIVIL AVIATION ORGANIZATION /ICAO/ AND THE
WORLD METEOROLOGICAL ORGANIZATION /WMO/ GIVE EXAMPLES WHICH ARE IN EITHER
DEGREES AND MINUTES OF A DEGREE OR IN DEGREES AND DECIMALS OF A DEGREE.
TO BE CONSISTENT WITH FLIGHT PLANNING AND MANAGEMENT SYSTEMS...CUSTOMERS
HAVE REQUESTED THAT REFERENCES BE TO DEGREES AND MINUTES OF A DEGREE.

BEGINNING MONDAY...JANUARY 3 2000 AT 0000 COORDINATED UNIVERSAL TIME
/UTC/...ALL REFERENCES TO LATITUDE AND LONGITUDE IN SIGNIFICANT
METEOROLOGICAL INFORMATION /SIGMETS/...AREA FORECASTS AND VOLCANIC ASH
ADVISORY STATEMENTS SHALL BE EITHER IN WHOLE DEGREES...OR IF FINER
RESOLUTION IS REQUIRED...IN DEGREES AND MINUTES OF A DEGREE.

EXAMPLES:
RESOLUTION OF A WHOLE DEGREE:
A REFERENCE TO 20 DEGREES NORTH LATITUDE AND 74 DEGREES WEST LONGITUDE
SHALL BE CODED AS...20N74W.

RESOLUTION FINER THAN A WHOLE DEGREE:
A REFERENCE TO 20 DEGREES 6 MINUTES NORTH LATITUDE AND 74 DEGREES 30
MINUTES WEST LONGITUDE SHALL BE CODED AS...2006N7430W.

IF YOU HAVE ANY QUESTIONS CONCERNING INFORMATION CONTAINED IN THIS
MESSAGE...PLEASE CONTACT:

RICHARD STONE
301-713-1726 EXT. 153
E-MAIL: RICHARD.STONE@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:
HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE

END
NNNN