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PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 00-42
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1000 AM EDT THU APR 6 2000

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: THERESE Z PIERCE
CHIEF...HYDROMETEOROLOGICAL SERVICES

SUBJECT: GRIDDED ULTRAVIOLET INDEX /UVI/ DATABASE AVAILABLE VIA THE
INTERNET...EFFECTIVE MAY 1 2000

EFFECTIVE MAY 1 2000...THE NATIONAL WEATHER SERVICE /NWS/ CLIMATE
PREDICTION CENTER /CPC/ WILL PROVIDE GRIDDED ULTRAVIOLET INDEX /UVI/ DATA
VIA THE INTERNET. THIS DATA WILL BE IN ADDITION TO THE CURRENT DAILY 58-
CITIES UVI FORECAST BULLETIN /NMCUVICAC AND AEUS41 KCCC...CCC BEING THE
LOCAL NWS OFFICE NODE/.

THE DATA WILL BE IN GRIDDED BINARY /GRIB/ FORMATTED FILES. ONE FILE WILL
CONTAIN THE UVI FIELD FOR THE CONTIGUOUS U.S. /CONUS/ /GRID 211/...AND THE
OTHER FILE FOR ALASKA /GRID 207/. THESE FILES WILL BE LOCATED UNDER TWO
DIFFERENT INTERNET FILE TRANSFER PROTOCOL /FTP/ SERVER DIRECTORIES. THE
DIRECTORIES AND FILENAMES ARE AS FOLLOWS:

FIRST SERVER

DIRECTORY - [FTP://140.90.6.103/NCEPC/](ftp://140.90.6.103/NCEPC/)
SUB-DIRECTORY - UV.YYYYMMDD /YYYYMMDD IS YEAR MONTH AND DAY/
FILENAMES - UV.G211.PGRB /CONUS GRID 211/
UV.G207.PGRB /ALASKA GRID 207/

NOTE: THERE WILL BE A DIFFERENT SUB-DIRECTORY FOR EACH DAY.

SECOND SERVER

DIRECTORY - [FTP://FTP.NCEP.NOAA.GOV/PUB/CPC/LONG/UV/](ftp://ftp.ncep.noaa.gov/pub/cpc/long/uv/)
FILENAMES - UV.G211.PGRB /CONUS GRID 211/
UV.G207.PGRB /ALASKA GRID 207/

NOTE: THE TWO FILES WILL BE OVERWRITTEN EACH DAY.

THE DATA WILL BE IN UNITS OF WATTS PER METERS SQUARED. EACH VALUE NEEDS
TO BE MULTIPLIED BY 40 TO ARRIVE AT THE WORLD METEOROLOGICAL ORGANIZATION
/WMO/ STANDARD UVI UNIT. THE RESULTANT NUMBER IS CATEGORIZED BY ONE OF
FIVE ENVIRONMENTAL PROTECTION AGENCY /EPA/ EXPOSURE LEVELS: 0 - 2
/MINIMAL/...3 TO 4 /LOW/...5 TO 6 /MODERATE/...7 TO 9 /HIGH/...10 AND
GREATER /VERY HIGH/.

AVAILABILITY OF THE DATABASE IS DEPENDENT UPON INTERNET ACCESSIBILITY.
QUESTIONS CONCERNING THESE UVI GRIB DATA FILES SHOULD BE ADDRESSED TO:

ALVIN /JIM/ MILLER
301-763-8000 X 7552
ALVIN.MILLER@NOAA.GOV

-OR-

CRAIG LONG
301-763-8000 x 7557
CRAIG.LONG@NOAA.GOV

NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

END
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