

NOUS41 KWBC 111622
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 03-06
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1120 AM EST TUE FEB 11 2003

TO FEDERAL AVIATION ADMINISTRATION CUSTOMERS...FAMILY OF
SERVICES /FOS/ SUBSCRIBERS....OTHER NATIONAL WEATHER
SERVICE /NWS/ CUSTOMERS OF AVIATION DATA AND
FORECASTS...NWS EMPLOYEES

FROM MARK ANDREWS
CHIEF...AVIATION SERVICES BRANCH

SUBJECT ADDITION OF THE GRAPHICAL TURBULENCE GUIDANCE PRODUCT...
EFFECTIVE MARCH 19 2003

THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE
SERVICE SUBSCRIBERS NOR EMERGENCY MANAGERS WEATHER INFORMATION
NETWORK /EMWIN/ SUBSCRIBERS.

EFFECTIVE WEDNESDAY MARCH 19 2003 AT 1300 COORDINATED UNIVERSAL
TIME /UTC/...THE NWS WILL BEGIN DISSEMINATING A NEW THREE
DIMENSIONAL GRIDDED FORECAST OF TURBULENCE POTENTIAL...DESIGNATED
GRAPHICAL TURBULENCE GUIDANCE /GTG/. THIS PRODUCT IS
AUTOMATICALLY GENERATED AT THE AVIATION WEATHER CENTER...AND
AVAILABLE IN GRIB EDITION 1 FORMAT. THE GTG COVERS THE
48 CONTIGUOUS UNITED STATES AND ADJACENT COASTAL WATERS...BETWEEN
20 THOUSAND AND 45 THOUSAND FEET. FORECASTS TO 12 HOURS IN
3 HOUR INCREMENTS ARE GENERATED EVERY 3 HOURS FROM THE 0000...
0300...0600...0900 AND 1200 UTC MODEL RUNS. 00 HOUR ANALYSES ARE
GENERATED AT ALL INTERMEDIATE HOURS.

THE GTG HAS BEEN APPROVED FOR LIMITED OPERATIONAL USE BY THE
AVIATION WEATHER TECHNOLOGY TRANSFER /AWTT/ BOARD.

THE WMO HEADINGS FOR THE GTG ARE SHOWN IN TABLE 1.

TABLE 1 - NEW GTG GRIB PRODUCTS

FLIGHT LEVEL	WMO HEADING
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200	YVW*46 KKCI
210	YVW*45 KKCI
220	YVW*43 KKCI
230	YVW*41 KKCI
240	YVW*39 KKCI
250	YVW*38 KKCI
260	YVW*38 KKCI
270	YVW*34 KKCI
280	YVW*33 KKCI

290 YVW*32 KKCI
300 YVW*30 KKCI
310 YVW*29 KKCI
320 YVW*27 KKCI
330 YVW*26 KKCI
340 YVW*25 KKCI
350 YVW*24 KKCI
360 YVW*23 KKCI
370 YVW*22 KKCI
380 YVW*21 KKCI
390 YVW*20 KKCI
400 YVW*19 KKCI
410 YVW*18 KKCI
420 YVW*17 KKCI
430 YVW*16 KKCI
440 YVW*15 KKCI
450 YVW*14 KKCI

WHERE * = A = 00 HOUR FORECAST

* = D = 03 HOUR FORECAST

* = G = 06 HOUR FORECAST

* = J = 09 HOUR FORECAST

* = M = 12 HOUR FORECAST

GRIB OUTPUT WILL BE AVAILABLE THROUGH

1. THE AWIPS/NOAAPORT SATELLITE BROADCAST NETWORK /SBN/
2. NATIONAL WEATHER SERVICE FTP SERVERS AT /CASE SENSITIVE/

tgftp.nws.noaa.gov/SL.us008001/DC.avsp/

3. THE FAMILY OF SERVICES /FOS/ HIGH RESOLUTION DATA SERVICE
AND SERVER ACCESS SERVICE

THESE PRODUCTS WILL ALSO BE AVAILABLE FOR VIEWING ON THE INTERNET
AT /USE LOWER CASE LETTERS/

<http://aviationweather.gov/itfa/>

THE DIRECTORY/FILE LOCATION FOR THESE AND OTHER PRODUCTS ARE ALSO
AVAILABLE ON THE TELECOMMUNICATIONS GATEWAY FTP /TGFTP/ FILE
REFERENCE LIST ON THE NWS DATA MANAGEMENT WEB SITE AT /USE LOWER
CASE LETTERS/

http://www.nws.noaa.gov/datamgmt/tgftp_file_reference.html

IF YOU HAVE ANY QUESTIONS REGARDING THIS PRODUCT ADDITION...
PLEASE CONTACT

MR. DAVID KNAPP	OR	MR. JACK MAY
CHIEF SUPPORT BRANCH		DIRECTOR
AVIATION WEATHER CENTER		AVIATION WEATHER CENTER
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THESE AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE
AVAILABLE ON THE INTERNET AT /USE LOWER CASE LETTERS/

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

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