

NOUS41 KWBC 122000 CCA
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 03-06 CORRECTED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
300 PM EST WED FEB 12 2003

TO: FEDERAL AVIATION ADMINISTRATION /FAA/ CUSTOMERS
FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER NWS CUSTOMERS OF AVIATION DATA AND FORECASTS
NWS EMPLOYEES

FROM: MARK ANDREWS
CHIEF...AVIATION SERVICES BRANCH

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

CORRECTED URL FOR VIEWING GRAPHICAL TURBLUENCE GUIDANCE PRODUCTS ON THE
INTERNET.

NOTE: 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 GRIDDED BINARY /GRIB/ EDITION 1 FORMAT.
THE GTG COVERS THE 48 CONTIGUOUS UNITED STATES /CONUS/ AND ADJACENT
COASTAL WATERS BETWEEN 20 THOUSAND AND 45 THOUSAND FEET. FORECASTS TO 12
HOURS IN 3-HOUR INCREMENTS ARE GENERATED EVERY THREE 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 WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS FOR THE GTG ARE SHOWN
IN TABLE 1.

TABLE 1: NEW GTG GRIB PRODUCTS

FLIGHT LEVEL -----	WMO HEADING -----
200	YVW*46 KPCI
210	YVW*45 KPCI
220	YVW*43 KPCI
230	YVW*41 KPCI
240	YVW*39 KPCI
250	YVW*38 KPCI

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:

- THE ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS//NOAAPORT SATELLITE BROADCAST NETWORK /SBN/.
- NATIONAL WEATHER SERVICE FTP SERVERS AT /USE LOWER CASE EXCEPT FOR SL AND DC/:

TGFTP.NWS.NOAA.GOV/SL.US008001/DC.AVSPT/

- 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/:

[HTTP://AVIATIONWEATHER.GOV/GTG/](http://aviationweather.gov/gtg/) CORRECTED URL

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 WEBSITE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/DATAMGMT/TGFTP FILE REFERENCE.HTML](http://www.nws.noaa.gov/datamgmt/tgftp_file_reference.html)

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

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NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

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

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