

NOUS41 KWBC 201420
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-53
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1020 AM EDT FRI JUN 20 2008

TO: SUBSCRIBERS:
-FAMILY OF SERVICES
-NOAA WEATHER WIRE SERVICE
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
-NOAAPORT
OTHER NWS PARTNERS...USERS AND EMPLOYEES

FROM: JASON TUELL
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: ADDITION OF MULTI GRID NOAA WAVEWATCH III TEXT SPECTRAL BULLETINS
TO NOAAPORT: EFFECTIVE SEPTEMBER 9 2008

EFFECTIVE TUESDAY SEPTEMBER 9 2008...WITH THE 1200 COORDINATED UNIVERSAL
TIME /UTC/ RUN...THE MULTI GRID NOAA WAVEWATCH III /NWW3/ TEXT SPECTRAL
BULLETINS PRODUCED BY THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION
/NCEP/ WILL BE ADDED TO NOAAPORT.

THE SPECTRAL BULLETINS PROVIDE BULK SPECTRAL PROPERTIES AT POINT
LOCATIONS. THESE CORRESPOND TO BUOY LOCATIONS AS WELL AS POSITIONS WHERE
MORE DETAILED INFORMATION ON THE WAVE CLIMATE IS DESIRED. THE SPECTRAL
BULLETINS INCLUDE APPROXIMATELY 190 NEW POINT LOCATIONS OVER THE ENTIRE
GLOBAL DOMAIN.

OUTPUT FOR EACH SPECTRAL BULLETIN INCLUDES:

1. THE BULK SIGNIFICANT WAVE HEIGHT OF THE SPECTRUM.
2. THE NUMBER OF PARTITIONS IN THE 2-D SPECTRUM /A PARTITION CORRESPONDS
TO A LOCAL PEAK IN THE ENERGY SPECTRUM/. ONLY PARTITIONS WITH SIGNIFICANT
WAVE HEIGHT GREATER THAN 0.05 METERS ARE REPORTED HERE.
3. BULK SPECTRAL PARAMETERS /SIGNIFICANT WAVE HEIGHT...PEAK PERIOD AND
DIRECTION/ FOR EACH PARTITION. BULK CHARACTERISTICS ARE ONLY REPORTED FOR
PARTITIONS WITH SIGNIFICANT WAVE HEIGHT GREATER THAN 0.15 METERS.

SPECTRAL OUTPUT IS REPORTED EVERY HOUR STARTING FROM 9 HOURS OF HINDCAST
CONDITIONS AND EXTENDING OUT TO 180 HOURS OF FORECAST CONDITIONS.

THERE WILL BE FOUR DISTRIBUTIONS A DAY CORRESPONDING TO THE
0000...0600...1200 AND 1800 UTC MODEL CYCLES. THE TIMING OF THE DELIVERY
ON NOAAPORT WILL BE APPROXIMATELY FOUR AND A HALF HOURS AFTER THE FOUR
CYCLE TIMES.

THE PER CYCLE DATA VOLUME WILL BE APPROXIMATELY 3.5 MEGABYTES /MB/ OR
APPROXIMATELY 14 MB PER DAY.

THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS FOR THESE PRODUCTS
WILL BE OF THE FORM:

T1T2: AG
A1A2: OCEANIC AREA /ONE OF
NT...ET...GX...CA...PZ...GA...PN...AC...HW...PW...XT...PS...IO/
I1: 4
I2: GEOGRAPHIC LOCATION /ONE OF 012345678/
CCCC: KWBJ

THE ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ IDS FOR THESE
PRODUCTS WILL BE OF THE FORM:

OSBMNN

WHERE NN CAN RANGE FROM 01 THROUGH 99.

A COMPLETE DESCRIPTION AND LIST OF WMO HEADINGS AND AWIPS IDS CAN BE
OBTAINED AT THE FOLLOWING WEBSITE /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/OS/NOTIFICATION/RESOURCES/WW3.PDF](http://www.weather.gov/os/notification/resources/ww3.pdf)

FOR QUESTIONS RELATED TO THE SPECTRAL BULLETINS...PLEASE CONTACT:

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NCEP/EMC...CHIEF...MARINE MODELING BRANCH
CAMP SPRINGS MARYLAND
PHONE: 301-763-8000 X 7253
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OR

JOHN F. KUHN
NWS OFFICE OF SCIENCE AND TECHNOLOGY
SILVER SPRING MARYLAND
PHONE: 301-713-3557 X 184
EMAIL: JOHN.F.KUHN@NOAA.GOV

FOR QUESTIONS ABOUT NOAAPORT ACTIVATION...PLEASE CONTACT:

DAVE NIVER
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SILVER SPRING MARYLAND
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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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