

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:

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

JOHN F. KUHN  
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SILVER SPRING MARYLAND  
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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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