

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  
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 4 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 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 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 WEB SITE /USE LOWER CASE LETTERS/:

[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 X7253  
EMAIL: HENDRIK.TOLMAN@NOAA.GOV

OR

JOHN F. KUHN  
NWS OFFICE OF SCIENCE AND TECHNOLOGY  
1325 EAST WEST HIGHWAY  
SILVER SPRING MARYLAND  
PHONE: 301 713 3557 X184  
EMAIL: JOHN.F.KUHN@NOAA.GOV

FOR QUESTIONS ABOUT NOAAPORT ACTIVATION...PLEASE CONTACT:

DAVE NIVER  
NWS OFFICE OF SCIENCE AND TECHNOLOGY  
SILVER SPRING MARYLAND  
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TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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