

NOUS41 KWBC 041515
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-71
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1115 AM EDT THU SEP 4 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 GREAT LAKES WAVE MODEL TEXT SPECTRAL
BULLETINS TO NOAAPORT: EFFECTIVE NOVEMBER 18 2008

EFFECTIVE TUESDAY NOVEMBER 18 2008...WITH THE 1400 COORDINATED
UNIVERSAL TIME /UTC/ RUN...THE GREAT LAKES WAVE MODEL TEXT
SPECTRAL BULLETINS... PRODUCED BY THE NATIONAL CENTERS FOR
ENVIRONMENTAL PREDICTION /NCEP/... WILL BE ADDED TO NOAAPORT.
THIS PRODUCT IS BASED IN PART ON THE NATIONAL DIGITAL FORECAST
DATABASE /NDFD/ WINDS AND TEMPERATURES.

THE SPECTRAL BULLETINS PROVIDE BULK SPECTRAL PROPERTIES AT BUOY
LOCATIONS.

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 WILL BE REPORTED
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 FORECAST
HOUR 1 OUT TO 144 HOURS.

THERE WILL BE FOUR DISTRIBUTIONS A DAY CORRESPONDING TO THE
0200...0800...1400...2000 UTC MODEL RUNS EXCEPT DURING DAYLIGHT
SAVINGS TIME /0100...0700...1300...1900 UTC/. NOAAPORT DELIVERY
WILL BE APPROXIMATELY 30 MINUTES AFTER THE MODEL RUN.

THE PER CYCLE DATA VOLUME WILL BE APPROXIMATELY 125 KILOBYTES
/KB/ OR APPROXIMATELY 500 KB PER DAY.

THE WMO HEADINGS....AWIPS IDS....AND CORRESPONDING BUOY IDS FOR THESE PRODUCTS WILL BE:

WMO HEADING	AWIPS ID	BUOY ID
AGGL49 KWBJ	OSBG01	45136
AGGL49 KWBJ	OSBG02	45001
AGGL49 KWBJ	OSBG03	45004
AGGL49 KWBJ	OSBG04	45006
AGGL49 KWBJ	OSBG05	PILM4
AGGL49 KWBJ	OSBG06	ROAM4
AGGL49 KWBJ	OSBG07	STD4
AGGL49 KWBJ	OSBG08	DISW3
AGGL49 KWBJ	OSBG09	45002
AGGL49 KWBJ	OSBG10	45007
AGGL49 KWBJ	OSBG11	SGNW3
AGGL49 KWBJ	OSBG12	45154
AGGL49 KWBJ	OSBG13	45137
AGGL49 KWBJ	OSBG14	45143
AGGL49 KWBJ	OSBG15	45003
AGGL49 KWBJ	OSBG16	45008
AGGL49 KWBJ	OSBG17	45149
AGGL49 KWBJ	OSBG18	45135
AGGL49 KWBJ	OSBG19	45012
AGGL49 KWBJ	OSBG20	45139
AGGL49 KWBJ	OSBG21	45159
AGGL49 KWBJ	OSBG22	45160
AGGL49 KWBJ	OSBG23	45142
AGGL49 KWBJ	OSBG24	DBLN6
AGGL49 KWBJ	OSBG25	45132
AGGL49 KWBJ	OSBG26	45005
AGGL49 KWBJ	OSBG27	SBIO1
AGGL49 KWBJ	OSBG28	45147
AGGL49 KWBJ	OSBG29	LSCM4

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
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OR

JOHN F. KUHN
NWS OFFICE OF SCIENCE AND TECHNOLOGY
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND
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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.WEATHER.GOV/OS/NOTIF.HTM](http://www.weather.gov/os/notif.htm)

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