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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
-NOAAPORT
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 TWO-DIMENSIONAL /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 ONE 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 WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS...ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /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 | STDM4 |
| 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
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OR

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FOR QUESTIONS ABOUT NOAAPORT ACTIVATION...PLEASE CONTACT:

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

HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE

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