

NOUS41 KWBC 051550
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-39
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1150 AM EDT MON MAY 5 2008

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

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

SUBJECT: ADDITION OF GRIDDED EXTRATROPICAL STORM SURGE GUIDANCE: EFFECTIVE
AUGUST 26 2008

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE
SUBSCRIBERS.

EFFECTIVE TUESDAY AUGUST 26 2008...BEGINNING WITH THE 1200 COORDINATED
UNIVERSAL TIME /UTC/ RUN...THE NWS WILL BE CREATING GLOBAL FORECAST SYSTEM
/GFS/-BASED GRIDDED EXTRATROPICAL STORM SURGE GUIDANCE. THERE WILL BE TWO
GRIDDED BINARY /GRIB/ FILES MADE. ONE WILL MATCH THE NATIONAL DIGITAL
FORECAST DATABASE /NDFD/ CONTIGUOUS U.S. /CONUS/ 5 KM GRID AND THE OTHER
WILL MATCH THE NDFD ALASKA GRID.

THE PRODUCTS WILL BE AVAILABLE FROM:

- NWS TELECOMMUNICATIONS GATEWAY
- NWS FILE TRANSFER PROTOCOL /FTP/ SERVER /TGFTP/
- OCEAN PREDICTION CENTER /OPC/ WEBPAGE
- NATIONAL DIGITAL GUIDANCE DATABASE /NDGD/
- METEOROLOGICAL DEVELOPMENT LABORATORY /MDL/ WEBPAGE.

THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS WILL BE IN THE FORM:

WMO HEADING	REGION
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LHU### KNHC	NDFD CONUS GRID
LHR### KNHC	NDFD ALASKA GRID

THE ### IN THE WMO HEADING WILL BE REPLACED BY DHH...WHERE D IS THE DAY OF
THE FORECAST /B = DAY 1...F = DAY 5 AND HH IS THE HOUR OF DAY WHEN THE
FORECAST IS VALID/. A FULL CHART OF THE HEADING COMBINATIONS PER FORECAST
CYCLE IS AVAILABLE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/ETSURGE/DOCS/HEADERS.XLS](http://www.nws.noaa.gov/mdl/etsurge/docs/headers.xls)

LINKS TO THESE PRODUCTS CURRENTLY CAN BE FOUND AT /USE LOWER CASE EXCEPT FOR...L IN
LOOPS...SURGE_CON...SURGE_CON_96_HR...SURGE_WEST...SURGE_WEST_96_HR...SURGE_ALA... SURGE_ALA_96_HR/:

[FTP://FTP.MPC.NCEP.NOAA.GOV/GRIDS/EXPERIMENTAL/ETSURGE GRIB2](ftp://ftp.mpc.ncep.noaa.gov/grids/experimental/etsurge_grib2)
[WWW.OPC.NCEP.NOAA.GOV/LOOPS/SURGE CON/SURGE CON 96 HR.SHTML](http://www.opc.ncep.noaa.gov/loops/surge_con/surge_con_96_hr.shtml)
[WWW.OPC.NCEP.NOAA.GOV/LOOPS/SURGE WEST/SURGE WEST 96 HR.SHTML](http://www.opc.ncep.noaa.gov/loops/surge_west/surge_west_96_hr.shtml)
[WWW.OPC.NCEP.NOAA.GOV/LOOPS/SURGE ALA/SURGE ALA 96 HR.SHTML](http://www.opc.ncep.noaa.gov/loops/surge_ala/surge_ala_96_hr.shtml)

THE NDGD LOCATION IS EXPECTED TO BE /USE LOWER CASE EXCEPT FOR
SL...ST...DF...DC...GT/:

[HTTPS://WWW.WEATHER.NOAA.GOV/PUB/SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.SLOSH/](https://www.weather.noaa.gov/pub/sl.us008001/st.expr/df.gr2/dc.ndgd/gt.slosh/)

ADDITIONAL INFORMATION CAN BE FOUND AT /USE LOWER CASE/:

[WWW.NWS.NOAA.GOV/MDL/ETSURGE/](http://www.nws.noaa.gov/mdl/etsurge/)

IF YOU HAVE ANY QUESTIONS ABOUT THESE ADDITIONS TO THE EXTRATROPICAL STORM
SURGE GUIDANCE...PLEASE CONTACT:

ARTHUR TAYLOR
MDL/SILVER SPRING MARYLAND
PHONE: 301-713-1613 X 163
EMAIL: ARTHUR.TAYLOR@NOAA.GOV

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

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

END
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