NOUS41 KWBC 201710 AAA
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-29 AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
110 PM EDT WED AUG 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: AMENDED: NESDIS HIGH DENSITY QUIKSCAT OCEAN SURFACE WINDS ADDED TO SBN/NOAAPORT: EFFECTIVE JUNE 26 2008

AMENDED TO NOTIFY USERS OF THE REMOVAL OF THE 25 KM ADVANCED SCATTEROMETER /ASCAT/ WIND PRODUCTS FROM THE METOP ASCAT SENSOR...WHICH ORIGINALLY WERE TO HAVE BEEN IMPLEMENTED WITH THESE HIGH DENSITY QUIKSCAT WINDS...BUT ARE NOW EXPECTED TO BE IMPLEMENTED IN OCTOBER 2008. A SEPARATE TECHNICAL IMPLEMENTATION NOTICE /TIN/ WILL ADDRESS THESE ASCAT PRODUCTS.

EFFECTIVE THURSDAY JUNE 26 2008...THE NATIONAL ENVIRONMENTAL SATELLITE...DATA AND INFORMATION SERVICE /NESDIS/ AND NWS BEGAN DISSEMINATION OF HIGH DENSITY SCATTEROMETER OCEAN SURFACE WIND PRODUCTS VIA THE SATELLITE BROADCAST NETWORK /SBN//NOAAPORT.

THESE PRODUCTS ARE THE CURRENT SET OF NATIONAL AERONAUTICS AND SPACE ADMINISTRATION /NASA/ QUIKSCAT WINDS FROM THE SEAWINDS SCATTEROMETER SENSOR...BUT WITH THE WIND VECTOR RETRIEVAL HORIZONTAL RESOLUTION INCREASING FROM 25 TO 12.5 KM.

QUIKSCAT IS A POLAR ORBITING SATELLITE...PROVIDING APPROXIMATELY TWO FLYOVERS PER DAY...MORE IN THE HIGH LATITUDE REGIONS. EACH ORBIT HAS A DURATION OF APPROXIMATELY 101 MINUTES. THE RAW DATA ARE PROCESSED BY NESDIS INTO POINT VALUES OF WIND SPEED AND DIRECTION...THEN ENCODED INTO BINARY UNIVERSAL FORM FOR THE REPRESENTATION OF METEOROLOGICAL DATA /BUFR/.

WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS /T1T2A1A2II CCCC/ OF THESE PRODUCTS ARE OF THE FORM:

T1: I
T2: S
A1: X
A2: X
II: REGION /SEE TABLE BELOW/
CCCC: KNES

THE HIGH DENSITY QUIKSCAT WIND PRODUCTS WILL BE PROVIDED OVER THE FOLLOWING NINE GEOGRAPHICAL REGIONS...WITH AN AGGREGATE AREA OF COVERAGE FROM 75N TO 35S AND FROM 35W TO 130E /CROSSING THE INTERNATIONAL DATELINE/:

REGION II COVERAGE:

AREA1 01 35S TO 37N...35W TO 90W
AREA2 02 37N TO 75N...35W TO 90W
AREA3 03 35S TO 37N...90W TO 109W
AREA4 04 37N TO 75N...90W TO 109W
AREA5 05 35S TO 42N...109W TO 140W
AREA6 06 42N TO 75N...109W TO 128W
4N TO 42N...128W TO 140W
AREA7 07 35S TO 50N...140W TO 180
AREA8 08 35S TO 50N...180 TO 130E
AREA9 09 52N TO 75N...128W TO 140W
50N TO 75N...140W TO 130E

IF YOU HAVE ANY QUESTIONS CONCERNING THE TECHNICAL DETAILS OF THESE PRODUCTS OR THEIR GENERATION...PLEASE CONTACT:

GENE LEGG
NESDIS...OSDPD...IPD
CAMP SPRINGS MARYLAND
PHONE: 301-763-8051 EXT. 107
EMAIL: GENE.LEGG@NOAA.GOV

OR

PAUL CHANG
NESDIS...ORA...ORAD
CAMP SPRINGS MARYLAND
PHONE: 301-763-8231 EXT. 167
EMAIL: PAUL.S.CHANG@NOAA.GOV

IF YOU HAVE ANY QUESTIONS CONCERNING THE SBN/NOAAPORT ACTIVATION OF THESE PRODUCTS...PLEASE CONTACT:

DAVE NIVER
NWS...OFFICE OF SCIENCE AND TECHNOLOGY
SILVER SPRING MARYLAND
PHONE: 301-713-0211 EXT. 180
EMAIL: DAVE.NIVER@NOAA.GOV

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

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

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