

NOUS41 KWBC 171450
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-28
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1045 AM EDT THU JUN 17 2004

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

FROM: PAUL HIRSCHBERG
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT: CHANGE TO GFS-BASED RFC MOS PRODUCTS...
EFFECTIVE AUGUST 31 2004

ATTENTION: USERS OF THE MODEL OUTPUT STATISTICS /MOS/
GUIDANCE.

ON TUESDAY AUGUST 31 2004 AT 1200 COORDINATED UNIVERSAL TIME
/UTC/ MODEL CYCLE...THE NWS WILL MAKE SEVERAL CHANGES TO THE
GLOBAL FORECAST SYSTEM /GFS/ BASED GUIDANCE FOR RIVER
FORECAST CENTER /RFC/ SITES. THE COMMUNICATION IDENTIFIERS
FOR THESE PRODUCTS ARE LISTED IN TABLE 1. THE STANDARD
HYDROMETEOROLOGICAL EXCHANGE FORMAT /SHEF/ PARAMETER CODES
IN THE HEADER PORTION OF THE 1200 UTC RFC MOS TEXT PRODUCTS
WILL BE MODIFIED. ALL INSTANCES OF TAIFAN WILL BE CHANGED
TO TAIFBN... AND ALL INSTANCES OF TAIFAX WILL BE CHANGED TO
TAIFBX. SAMPLES OF THE OLD AND NEW SHEF HEADERS CAN BE FOUND
IN TABLE 2. NO CHANGES WILL BE MADE TO THE SHEF PARAMETER
CODES IN THE 0000 UTC RFC MESSAGES.

IN ADDITION... THE STATION IDENTIFIER FOR STATION F39...
DENISON TEXAS... WILL BE CHANGED TO GYI IN THE FTPTUR
PRODUCT... AND STATION MQT... MARQUETTE MICHIGAN... WILL BE
REMOVED FROM THE FTPMSR PRODUCT. THESE STATION CHANGES WILL
AFFECT BOTH THE 0000 AND 1200 UTC PRODUCTS.

TABLE 1: WMO HEADINGS AND AWIPS IDENTIFIERS OF THE
RFC MOS TEXT PRODUCTS AFFECTED BY THE
IMPLEMENTATION ON AUGUST 31 2004

WMO HEADING	AWIPS ID	GEOGRAPHIC REGION
FOUS12 KWNO	FTPCLR	CBRFC RFC MOS
FOUS12 KWNO	FTPASA	CNRFC RFC MOS
FOUS12 KWNO	FTPGRF	MBRFC RFC MOS
FOUS12 KWNO	FTPTR	NWRFC RFC MOS

FOUS12 KWNO	FTPMSR	NCRFC RFC MOS
FOUS12 KWNO	FTPRHA	MARFC RFC MOS
FOUS12 KWNO	FTPbfd	NERFC RFC MOS
FOUS12 KWNO	FTPCIN	OHRFC RFC MOS
FOUS12 KWNO	FTPTUR	ABRFC RFC MOS

TABLE 2: SAMPLE FORMAT OF THE 1200 UTC RFC MOS MESSAGE BEFORE AND AFTER THE IMPLEMENTATION ON AUGUST 31 2004

CURRENT FORMAT:

```

FTPCLR
.B NMC 0507 DH12/DC050612/TAIFAN/DRD+1/TAIFAX/TAIFAN
.B1
/DRD+2/TAIFAX/TAIFAN/DRD+3/TAIFBX/TAIFBN/DRD+4/TAIFBX/TAIFBN
.B2
/DRD+5/TAIFBX/TAIFBN/DRD+6/TAIFBX/TAIFBN/DRD+7/TAIFBX/TAIFBN
.B3
/DRD+8/TAIFBX/TAIFBN/DRD+9/TAIFBX/TAIFBN/DRD+10/TAIFBX/TAIFB
N
0E4
44/81/44/81/42/84/43/83/40/75/37/73/39/76/40/81/43/81/43/80/
42
4BL
50/78/49/79/46/80/49/78/48/70/42/70/40/72/43/75/44/78/46/78/
45
ABQ
57/85/57/83/55/83/54/85/54/84/50/74/49/73/51/80/52/83/54/83/
55

```

FORMAT AS OF 1200 UTC AUGUST 31 2004:

```

FTPCLR
.B NMC 0507 DH12/DC050612/TAIFBN/DRD+1/TAIFBX/TAIFBN
.B1
/DRD+2/TAIFBX/TAIFBN/DRD+3/TAIFBX/TAIFBN/DRD+4/TAIFBX/TAIFBN
.B2
/DRD+5/TAIFBX/TAIFBN/DRD+6/TAIFBX/TAIFBN/DRD+7/TAIFBX/TAIFBN
.B3
/DRD+8/TAIFBX/TAIFBN/DRD+9/TAIFBX/TAIFBN/DRD+10/TAIFBX/TAIFB
N
0E4
44/81/44/81/42/84/43/83/40/75/37/73/39/76/40/81/43/81/43/80/
42
4BL
50/78/49/79/46/80/49/78/48/70/42/70/40/72/43/75/44/78/46/78/
45
ABQ
57/85/57/83/55/83/54/85/54/84/50/74/49/73/51/80/52/83/54/83/
55

```

LINKS TO THESE PRODUCTS...ALONG WITH DESCRIPTIONS...CAN BE FOUND AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/PRODUCTS.SHTML](http://www.nws.noaa.gov/mdl/synop/products.shtml)

IF YOU HAVE ANY QUESTIONS OR COMMENTS CONCERNING THIS
CHANGE... PLEASE CONTACT:

REBECCA COSGROVE
MDL/SILVER SPRING MD
PHONE: 301 713 0023 EXT. 124
E-MAIL: REBECCA.COSGROVE@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE
AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM)

\$\$
NNNN