

NOUS41 KWBC 171735
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-51
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
135 PM EDT TUE JUN 17 2008

TO: NATIONAL WEATHER SERVICE /NWS/ OFFICES
FEDERAL AVIATION ADMINISTRATION /FAA/ CUSTOMERS
FAMILY OF SERVICES /FOS/ SUBSCRIBERS
OTHER USERS OF NWS AVIATION FORECASTS

FROM: KEVIN L. JOHNSTON
CHIEF...AVIATION SERVICES BRANCH

SUBJECT: DISCONTINUATION OF HIGH LEVEL AND MEDIUM LEVEL T4 FORMATTED
CHARTS: EFFECTIVE SEPTEMBER 3 2008

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

EFFECTIVE WEDNESDAY SEPTEMBER 3 2008...AT 1200 COORDINATED UNIVERSAL TIME
/UTC/...THE NWS AVIATION WEATHER CENTER /AWC/ IN KANSAS CITY MISSOURI WILL
DISCONTINUE BOTH THE HIGH LEVEL SIGNIFICANT WEATHER /SWH/ AND THE MEDIUM
LEVEL SIGNIFICANT WEATHER /SWM/ T4 FORMATTED PRODUCTS. THE TECHNOLOGY FOR
THE T4 FORMAT IS OBSOLETE AND HAS BEEN REPLACED WITH THE BINARY UNIVERSAL
FORM FOR THE REPRESENTATION OF METEOROLOGICAL DATA /BUFR/ AND PORTABLE
NETWORK GRAPHICS /.PNG/ FORMATS.

THE FOLLOWING SWH CHART WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS
WILL NO LONGER BE AVAILABLE:

| SWH T4 DATA | WMO HEADINGS |
|--------------|--------------|
| ----- | ----- |
| ICAO AREA A | PGEE07 KKCI |
| ICAO AREA B1 | PGIE07 KKCI |
| ICAO AREA F | PGGE07 KKCI |
| ICAO AREA H | PGAE07 KKCI |
| ICAO AREA I | PGBE07 KKCI |
| ICAO AREA J | PGJE07 KKCI |
| ICAO AREA M | PGDE30 KKCI |

THE FOLLOWING SWM CHART WMO HEADINGS WILL NO LONGER BE AVAILABLE:

| SWM T4 DATA | WMO HEADINGS |
|-------------|--------------|
| ----- | ----- |
| NAT | PGNE15 KKCI |

THE AWC WILL CONTINUE TO MAKE AVAILABLE THE SWH AND SWM CHARTS IN BUFR AND
.PNG FORMAT.

THE WMO HEADINGS FOR THE SWH BUFR FORMATTED CHARTS ARE:

| SWH BUFR DATA | WMO HEADINGS |
|-------------------------------|--------------|
| ----- | ----- |
| SWH CUMULONIMBUS CLOUD | JUBE99 KKCI |
| SWH CLEAR AIR TURBULENCE | JUCE00 KKCI |
| SWH TROPOPAUSE HEIGHT | JUTE97 KKCI |
| SWH TROP CYC AND VOL ERUPTION | JUVE00 KKCI |
| SWH JETSTREAM | JUWE96 KKCI |

THE WMO HEADINGS FOR THE SWM BUFR FORMATTED CHARTS ARE:

| SWM BUFR DATA | WMO HEADINGS |
|-------------------------------|--------------|
| ----- | ----- |
| SWM CLEAR AIR TURBULENCE | JUME00 KKCI |
| SWM IN-CLOUD ICING/TURBULENCE | JUNE00 KKCI |
| SWM TROPOPAUSE HEIGHT | JUOE00 KKCI |
| SWM JETSTREAM | JUTE00 KKCI |

THE WMO HEADINGS FOR THE SWH PNG FORMATTED CHARTS ARE:

| SWH PNG CHARTS | WMO HEADINGS |
|----------------|--------------|
| ----- | ----- |
| ICAO AREA A | PGEE05 KKCI |
| ICAO AREA B1 | PGIE05 KKCI |
| ICAO AREA F | PGGE05 KKCI |
| ICAO AREA H | PGAE05 KKCI |
| ICAO AREA I | PGBE05 KKCI |
| ICAO AREA J | PGJE05 KKCI |
| ICAO AREA M | PGDE29 KKCI |

THE WMO HEADINGS FOR THE SWM PNG FORMATTED CHARTS ARE:

| SWM PNG CHART | WMO HEADINGS |
|---------------|--------------|
| ----- | ----- |
| NAT | PGNE14 KKCI |

THE SWH CHARTS MAY BE VIEWED AT /USE LOWER CASE/:

[HTTP://AVIATIONWEATHER.GOV/PRODUCTS/SWH](http://AVIATIONWEATHER.GOV/PRODUCTS/SWH)

THE SWM CHARTS MAY BE VIEWED AT /USE LOWER CASE/:

[HTTP://AVIATIONWEATHER.GOV/PRODUCTS/SWM](http://AVIATIONWEATHER.GOV/PRODUCTS/SWM)

THE SWH AND SWM PRODUCTS ARE AVAILABLE IN BUFR AND PNG FORMAT ON THE SATELLITE BROADCAST NETWORK /SBN/ NOAAPORT CHANNEL.

THE SWH PRODUCT DESCRIPTION DOCUMENT IS AVAILABLE AT /USE LOWER CASE EXCEPT PDD/WAFS_SWH.PDF/:

[HTTP://PRODUCTS.WEATHER.GOV/PDD/WAFS_SWH.PDF](http://PRODUCTS.WEATHER.GOV/PDD/WAFS_SWH.PDF)

IF YOU HAVE ANY QUESTIONS REGARDING THIS PRODUCT...CONTACT:

LARRY BURCH
DEPUTY DIRECTOR...AVIATION WEATHER CENTER
KANSAS CITY MISSOURI
PHONE: 816-584-7203
EMAIL: LARRY.BURCH@NOAA.GOV

ADDITIONAL INFORMATION ON NWS AVIATION PRODUCT DISSEMINATION IS AVAILABLE
AT /USE LOWER CASE/:

[HTTP://WEATHER.GOV/OM/DISEMSYS.SHTML](http://WEATHER.GOV/OM/DISEMSYS.SHTML)

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

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE)

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