

NOUS41 KWBC 021442
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-07
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
945 AM EST FRI FEB 2 2007

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: NEW GFS MOS PRECIPITATION GUIDANCE FOR ISLAND
LOCATIONS IN THE WESTERN PACIFIC OCEAN:
EFFECTIVE TUESDAY APRIL 24 2007

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

ON TUESDAY APRIL 24 2007...BEGINNING WITH THE 1200 COORDINATED
UNIVERSAL TIME /UTC/ MODEL CYCLE...THE NWS WILL MAKE AVAILABLE
NEW GLOBAL FORECAST SYSTEM /GFS/ MOS PRECIPITATION GUIDANCE FOR
15 STATIONS IN THE PACIFIC OCEAN TO THE WEST OF THE HAWAII
ISLANDS...FOR SHORT RANGE PROJECTIONS. THE MOS GUIDANCE OF
PROBABILITY OF PRECIPITATION FOR A 12-HR PERIOD...PROBABILITY OF
PRECIPITATION FOR A 6-HR PERIOD...AND PROBABILITY OF
PRECIPITATION ON THE HOUR WILL BE AVAILABLE FOR THESE SITES.
THIS GUIDANCE WILL BE ADDED TO THE EXISTING PRODUCTS WHOSE
COMMUNICATION IDENTIFIERS ARE SHOWN BELOW IN TABLES 1 AND 2.
NOTE THAT THE PROBABILITY OF PRECIPITATION ON THE HOUR WILL ONLY
BE AVAILABLE IN THE BINARY UNIVERSAL FORM FOR THE REPRESENTATION
OF METEOROLOGICAL DATA (BUFR) PRODUCTS.

TABLE 1: COMMUNICATION IDENTIFIERS FOR THE HAWAII GFS MOS TEXT
AND BUFR PRODUCTS.

WMO HEADING	AWIPS ID	MESSAGE TYPE
FOPA20 KWNO	MAVPA0	TEXT
JSMT20 KWNO	N/A	BUFR

PRECIPITATION GUIDANCE WILL BE MADE AVAILABLE FOR THESE TWO
STATIONS IN THE HAWAII GFS MOS MESSAGES:

STATION ID STATION NAME

NSTU	PAGO PAGO...AMERICAN SAMOA
PMDY	MIDWAY ISLAND

TABLE 2: COMMUNICATION IDENTIFIERS FOR GFS-BASED MOS TEXT AND BUFR PRODUCTS VALID FOR ISLAND STATIONS TO THE WEST OF INTERNATIONAL DATE LINE.

WMO HEADING	AWIPS ID	MESSAGE TYPE
FOPA21 KWNO	MAVPA1	TEXT
JSML38 KWNO	N/A	BUFR

PRECIPITATION GUIDANCE WILL BE MADE AVAILABLE FOR THESE 13 ISLAND STATIONS IN THE WESTERN PACIFIC OCEAN GFS MOS MESSAGES:

STATION ID STATION NAME

PGRO	ROTA INT'L AIRPORT/ROTA ISL...MARIANA IS.
PGSN	SAIPAN...MARIANA IS.
PGUA	ANDERSON AFB...GUAM
PGUM	GUAM INTL AIRPORT...GUAM
PGWT	WEST TINIAN...NORTHERN MARIANA IS.
PKMR	MAJURO ATOLL WSO...MARSHALL IS.
PKWA	KWAJALEIN...MARSHALL IS.
PTKK	CHUUK...MICRONESIA
PTKR	KOROR WSO...PALAU
PTSA	KOSRAE...MICRONESIA
PTTP	POHNPEI WSO...MICRONESIA
PTYA	YAP...MICRONESIA
PWAK	WAKE ISLAND

THE COMPLETE GFS MOS STATION LIST CAN BE FOUND ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/STADRG.HTML](http://www.nws.noaa.gov/mdl/synop/stadrg.html)

THE LINK TO THESE PRODUCTS...ALONG WITH THE DESCRIPTION CAN BE FOUND ONLINE AT /USE LOWER CASE LETTERS/:

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

A TECHNICAL DOCUMENT DESCRIBING THE FORMAT OF THE BULLETIN FOR THE WESTERN PACIFIC SITES IS AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/TPB/MDLTPB05-01.PDF](http://www.nws.noaa.gov/mdl/synop/tpb/mdltpb05-01.pdf)

IF YOU HAVE ANY QUESTIONS ABOUT THIS PRODUCT OR THE MOS GUIDANCE SYSTEM...PLEASE CONTACT:

JAMES SU
MDL/SILVER SPRING MARYLAND
PHONE 301-713-0023 EXT. 139
E-MAIL JAMES.SU@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)

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