

NOUS41 KWBC 021445
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 NWS PARTNERS...USERS AND EMPLOYEES

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

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-HOUR
PERIOD...PROBABILITY OF PRECIPITATION FOR A 6-HOUR 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
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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
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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
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PGRO	ROTA INTERNATIONAL AIRPORT/ROTA ISLAND...MARIANA ISLANDS
PGSN	SAIPAN...MARIANA ISLANDS
PGUA	ANDERSON AIR FORCE BASE...GUAM
PGUM	GUAM INTERNATIONAL AIRPORT...GUAM
PGWT	WEST TINIAN...NORTHERN MARIANA ISLANDS
PKMR	MAJURO ATOLL WEATHER SERVICE OFFICE /WSO/...MARSHALL ISLAND
PKWA	KWAJALEIN...MARSHALL ISLAND
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/:

[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/:

[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/:

[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
 EMAIL: JAMES.SU@NOAA.GOV

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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