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PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 99-16 AMENDED  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
130 PM EDT FRI OCT 22 1999

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS  
NOAA WEATHER WIRE SERVICES /NWS/ SUBSCRIBERS  
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: THERESE Z. PIERCE  
CHIEF...HYDROMETEOROLOGICAL SERVICES

SUBJECT: AMENDED: MODEL ASSESSMENT DISCUSSION FROM NCEP/HPC...EFFECTIVE  
DECEMBER 5 1999

AMENDED TO ADD WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADING IN 2ND TO  
LAST PARAGRAPH.

IN RESPONSE TO NUMEROUS REQUESTS FROM FIELD FORECASTERS...THE  
HYDROMETEOROLOGICAL PREDICTION CENTER /HPC/...PART OF THE NATIONAL WEATHER  
SERVICE /NWS/ NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION /NCEP/...WILL  
MAKE OPERATIONAL A TEXT PRODUCT CALLED THE MODEL ASSESSMENT DISCUSSION  
BEGINNING DECEMBER 5 1999. THIS NARRATIVE WILL PROVIDE FIELD FORECASTERS  
AND OTHER CUSTOMERS WITH INFORMATION CONCERNING THE PAST AND EXPECTED  
NEAR-TERM /48 HOUR/ PERFORMANCE OF THE NUMERICAL MODELS AVAILABLE TO NWS  
FORECASTERS.

THE DISCUSSION WILL BE ISSUED TWICE DAILY AROUND 0530 AND 1730 COORDINATED  
UNIVERSAL TIME /UTC/ AND WILL INCLUDE AN ASSESSMENT OF THE FOLLOWING: THE  
QUALITY OF THE INITIALIZATION OF THE NCEP MODELS /NGM...ETA AND  
AVN/...KNOWN BIASES IMPACTING EACH MODEL...MODEL TRENDS...DIFFERENCES  
BETWEEN THE MODELS AND A DISCUSSION CONCERNING WHICH MODEL FORECAST IS  
PREFERRED BY HPC FORECASTERS FOR DIFFERENT GEOGRAPHICAL AREAS. THE  
CONTENT OF THIS NARRATIVE WILL BE BASED ON THE EXPERIENCE OF HPC  
FORECASTERS IN INTERPRETING MODEL GUIDANCE AND THE AVAILABLE MODEL  
ASSESSMENT TOOLS INCLUDING RECENT VERIFICATION STATISTICS FOR EACH MODEL.  
FORECASTER EXPERIENCE CONCERNING KNOWN MODEL BIASES WILL BE AUGMENTED BY  
COORDINATION BETWEEN THE HPC AND NCEP/S ENVIRONMENTAL MODELING CENTER  
/EMC/. INFORMATION CONCERNING MODEL INITIALIZATION WILL BE DERIVED FROM  
DATA COLLECTED BY THE NCEP SENIOR DUTY METEOROLOGIST /SDM/ AND BY  
COMPARISON OF MODEL FIELDS WITH OBSERVED DATA AND SATELLITE IMAGERY.

THIS PRODUCT HAS BEEN PRODUCED ON AN EXPERIMENTAL BASIS FOR SEVERAL MONTHS  
AND DISTRIBUTED WITH A WMO HEADING OF FXUS10 KWNH...AND ON AUTOMATION OF  
FIELD OPERATIONS AND SERVICES /AFOS/ AND THE ADVANCED WEATHER INTERACTIVE  
PROCESSING SYSTEM /AWIPS/ AS NFDPMDHMD...AND WILL CONTINUE UNDER THAT WMO  
HEADING AND AFOS/AWIPS IDENTIFIER. IT IS AVAILABLE AT THE HPC WEBSITE AT  
/USE LOWER CASE/:

[HTTP://WWW.HPC.NCEP.NOAA.GOV/DISCUSSIONS/PMDHMD.HTML](http://www.hpc.ncep.noaa.gov/discussions/pmdhmd.html)

IF YOU HAVE QUESTIONS...PLEASE CONTACT:

MR. DAVID REYNOLDS  
CHIEF...HPC FORECAST OPERATIONS BRANCH  
301-763-8000 EXT. 7317  
[DREYNOLDS@NCEP.NOAA.GOV](mailto:DREYNOLDS@NCEP.NOAA.GOV)

OR

MR. EDWIN DANAHER  
CHIEF...HPC DEVELOPMENT AND TRAINING BRANCH  
301-763-8000 EXT. 7354  
[EDANAHER@NCEP.NOAA.GOV](mailto:EDANAHER@NCEP.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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