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PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 01-27
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
200 PM EDT THU OCT 11 2001

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

FROM: ROBERT E. LIVEZEY
CHIEF...CLIMATE SERVICES DIVISION

SUBJECT: IMPLEMENTATION OF OPERATIONAL SEASONAL CLIMATE FORECAST
MODEL...EFFECTIVE NOVEMBER 6 2001

THE FOLLOWING NEW MODEL GUIDANCE WILL ONLY BE AVAILABLE VIA FILE TRANSFER
PROTOCOL /FTP/ FROM THE NWS SERVER.

EFFECTIVE NOVEMBER 6 2001...THE ENVIRONMENTAL MODELING CENTER /EMC/ OF THE
NWS NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION /NCEP/ WILL
OPERATIONALLY IMPLEMENT THE CLIMATE ATMOSPHERIC GENERAL CIRCULATION MODEL
AND ASSOCIATED SOFTWARE AND DATA SETS. MODEL DATA ACCESS WILL BE FROM THE
FOLLOWING FTP SITE /USE UPPER OR LOWER CASE/:

TGFTP.NWS.NOAA.GOV

THE MODEL WILL BE RUN ONCE A MONTH AND UPDATED OUTPUT WILL BE AVAILABLE ON
THE 6TH OF EACH MONTH. MEAN MONTHLY FORECAST OUTPUT WILL BE IN
ALPHANUMERIC GRIDDED FORMATS FOR GEOPOTENTIAL HEIGHT...TEMPERATURE...WIND
AND RELATIVE HUMIDITY AT THE STANDARD PRESSURE LEVELS OF
1000...850...700...500...400...300...250...200...150 AND 100 MILLIBARS.
BUT...RELATIVE HUMIDITY WILL ONLY BE AVAILABLE UP TO 400 MILLIBARS.

THIS MODEL IS THE FIRST OF A NEW THREE-COMPONENT OPERATIONAL SEASONAL
CLIMATE FORECAST SUITE. THE TWO OTHER FUTURE COMPONENTS OF THE SUITE WILL
BE AN OCEAN DATA ASSIMILATION SYSTEM /INCLUDING REAL-TIME OCEANIC DATA
SETS AND QUALITY CONTROL PROCEDURES/ AND A COUPLED OCEAN-ATMOSPHERIC MODEL
FOR FORECASTING SEA SURFACE TEMPERATURE ANOMALIES OUT TO 9 MONTHS IN
ADVANCE.

THIS MODEL HAS BEEN RUNNING IN EXPERIMENTAL FASHION ON THE RESEARCH AND
DEVELOPMENT PART OF THE NCEP CENTRAL COMPUTER. UPGRADING THE MODEL FROM
EXPERIMENTAL TO OPERATIONAL STATUS WILL HELP ENSURE THE FOLLOWING:

- RELIABILITY AND TIMELY PRODUCTION OF THE SEASONAL CLIMATE.
- FORECAST GUIDANCE TO BETTER SUPPORT THE OPERATIONAL MISSIONS OF THE
CLIMATE PREDICTION CENTER.
- MAKE DIGITAL CLIMATE MODEL OUTPUT AVAILABLE TO THE PUBLIC VIA THE FTP
SITE LISTED ABOVE.

THIS NEW MODEL WAS APPROVED AT THE SEPTEMBER 5 MEETING OF THE NWS COMMITTEE ON ANALYSIS AND FORECAST TECHNIQUES IMPLEMENTATION /CAFTI/. A COPY OF THE PRESENTATION MADE AT THAT MEETING IS AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.EMC.NCEP.NOAA.GOV/CMB/CAFTI/PRESENTATION/](http://www.emc.ncep.noaa.gov/cmb/cafti/presentation/)

MORE DETAILS ON THIS CLIMATE FORECAST MODEL CAN BE FOUND IN NWS TECHNICAL PROCEDURES BULLETIN NUMBER 480 AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/OM/TPB/480BODY.HTM](http://www.nws.noaa.gov/om/tpb/480body.htm)

IF YOU HAVE ANY QUESTIONS ABOUT THIS MODEL...PLEASE CONTACT:

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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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