TO:      FAMILY OF SERVICES /FOS/ SUBSCRIBERS
        NOAA WEATHER WIRE SERVICE /NWWS/ SUBSCRIBERS
        EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
        SUBSCRIBERS
        NOAAPORT SUBSCRIBERS
        OTHER NATIONAL WEATHER SERVICE /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/

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

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

    DR. HUA-LU PAN
    NCEP/NOAA W/NP23
    CAMP SPRINGS MARYLAND
    PHONE: 301-763-8000
    E-MAIL: HUALU.PAN@NOAA.GOV

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

HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE

END
NNNN