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: CLIMATE STATION NORMALS FOR DAILY AND MONTHLY CLIMATE REPORTS TO
BE UPDATED FROM 1961-1990 NORMALS TO 1971-2000 NORMALS...EFFECTIVE WITH
JANUARY 1 2002 DAILY REPORTS AND JANUARY 2002 MONTHLY REPORTS

NWS WEATHER FORECAST OFFICES /WFOS/ WILL BEGIN USING THE NEW 1971-2000
CLIMATE STATION NORMALS FROM THE NATIONAL CLIMATIC DATA CENTER /NCDC/ FOR
DAILY /CLI/ AND MONTHLY /CLM/ CLIMATE REPORTS...BEGINNING WITH THE JANUARY
1 2002 CLI AND JANUARY 2002 CLM. THESE EFFECTIVE DATES FOR THE SWITCH IN
NCDC NORMALS FROM 1961-1990 TO 1971-2000 ARE FOR ALL WEATHER ELEMENTS
EXCEPT AS NOTED BELOW:

WILL CONTINUE TO BE USED THROUGH JUNE 30 2002. THIS WILL AVOID
DISCONTINUITIES IN DEPARTURES FROM NORMAL FOR THESE TWO ELEMENTS IN THE
MIDDLE OF THE SNOWFALL AND HDD SEASONS. THUS... THE SWITCH TO 1971-2000
NCDC NORMALS FOR SNOWFALL AND HDD WILL BE EFFECTIVE BEGINNING WITH THE
JULY 1 2002 CLI AND JULY 2002 CLM.

THE FIRST CLIS WITH THE NEW 1971-2000 NCDC NORMALS WILL BE ISSUED BY WFOS
IN THE LATE AFTERNOON OR EARLY EVENING OF JANUARY 1 2002. THE FIRST CLMS
WITH THE NEW NORMALS FOR JANUARY 2002 WILL BE ISSUED BY WFOS ON FEBRUARY 1
2002.

SPECIFICALLY...THIS AFFECTS INFORMATION IN THE FOLLOWING PRODUCT WORLD
METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS AND ADVANCED WEATHER
INTERACTIVE PROCESSING SYSTEM /AWIPS/ IDS ISSUED BY ALL WFOS:

<table>
<thead>
<tr>
<th>GENERIC WMO HEADING</th>
<th>GENERIC AWIPS ID</th>
<th>PRODUCT TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDAA4I CCCC</td>
<td>CLIXXX</td>
<td>CLIMATOLOGICAL REPORT /DAILY/</td>
</tr>
<tr>
<td>CXAA5I CCCC</td>
<td>CLMXXX</td>
<td>CLIMATOLOGICAL REPORT /MONTHLY/</td>
</tr>
</tbody>
</table>
KEY TO GENERIC WMO HEADING FOR AA...I AND CCCC AND GENERIC AWIPS ID FOR XXX:
AA = US /CONUS/...AK /ALASKA/...HW /HAWAII/...CA /PUERTO RICO/ KA
/MICRONESIA/PALAU/...GM /GUAM/...MH /MARSHALL ISLANDS/

I = AREA OF COUNTRY OF ISSUING WFO: STATES OR TERRITORIES
- PACIFIC: HI GU FM MH PW
- NORTH EAST U.S.: NH RI CT NJ MD DC DE VA NY MA VT OH PA ME WV
- SOUTH EAST U.S. AND PUERTO RICO: SC GA NC FL PR VI
- NORTH CENTRAL U.S.: SD MI WI ND KS MN IA MO NE IL IN KY
- SOUTH CENTRAL U.S.: TX AL MS LA AR TN OK
- ROCKY MOUNTAINS: NM MT ID CO WY AZ NV UT
- WEST COAST U.S.: CA OR WA
- SOUTHEAST ALASKA AREA: JUNEAU
- NORTH CENTRAL PACIFIC AREA OF ALASKA: ANCHORAGE
- NORTHERN ALASKA: FAIRBANKS

CCC = SITE ID FOR ISSUING WFO
XXX = SITE ID OF WEATHER OBSERVATION STATION

INFORMATION ON NCDC NORMALS CAN BE FOUND AT /USE LOWER CASE/:
HTTP://LWF.NCDC.NOAA.GOV/OA/CLIMATE/NORMALS/USNORMALS.HTML


QUESTIONS ON STATISTICAL METHODS FOR CALCULATING NCDC NORMALS SHOULD BE ADDRESSED TO NCDC AT THE FOLLOWING:

CLIMATE SERVICES BRANCH
NATIONAL CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA
TELEPHONE: 828-271-4800
FACSIMILE: 828-271-4876
E-MAIL: NCDC.INFO@NOAA.GOV

TO ORDER NCDC CLIMATE NORMALS FOR STATIONS OF INTEREST...GO TO /USE LOWER CASE/:
HTTP://LWF.NCDC.NOAA.GOV/OA/ABOUT/NCDCORDERING.HTML

ALSO...ORDERS CAN BE MADE BY CALLING THE TELEPHONE NUMBER ABOVE...WRITING TO THE ADDRESS ABOVE...OR E-MAILING TO: NCDC.ORDERS@NOAA.GOV.

IF YOU HAVE SERVICE RELATED QUESTIONS REGARDING THE CLI OR CLM AS ISSUED ON NWS COMMUNICATIONS SYSTEMS...YOU MAY CONTACT:

RON BERGER
NOAA/NWS; W/OS4
SILVER SPRING MARYLAND
PHONE: 301-713-1970 EXT. 178
E-MAIL ADDRESS: MYRON.BERGER@NOAA.GOV
NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:
HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE
END
NNNN