

NOUS41 KWBC 221200
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 09-37
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON D.C.
800 AM EST THU OCT 22 2009

TO: SUBSCRIBERS:
-FAMILY OF SERVICES
-NOAA WEATHER WIRE SERVICE
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
-NOAAPORT
OTHER NWS PARTNERS...USERS AND EMPLOYEES

FROM: JAY LAWRIMORE
CHIEF... CLIMATE ANALYSIS BRANCH
NATIONAL CLIMATIC DATA CENTER

SUBJECT: EMERGENCY REVISION OF PRODUCT SXXX91 CRND01: EFFECTIVE
OCTOBER 21 2009

EFFECTIVE OCTOBER 21 2009 THE SXXX91 CRND01 PRODUCT... ALSO KNOWN AS THE DAILY01... PROVIDES USERS WITH A SUMMARY TABLE OF DAILY CLIMATE VARIABLES FOR THE U.S. CLIMATE REFERENCE NETWORK (USCRN) STATIONS. THIS PRODUCT HAS UNDERGONE AN EMERGENCY REVISION DUE TO THE DISCOVERY OF AN OFFSET BETWEEN THE INTENDED DAY PERIOD OF LOCAL MIDNIGHT-TO-MIDNIGHT AND THE TIME PERIOD ACTUALLY USED FOR CALCULATING DAILY VALUES... LOCAL 4 AM-TO-4 AM. THIS CONDITION EXISTED FROM APRIL 2009 UNTIL MID-OCTOBER 2009. WHILE CORRECTING THIS ISSUE... THE OPPORTUNITY WAS TAKEN TO MAKE SEVERAL OTHER TECHNICAL CORRECTIONS AND IMPROVEMENTS.

TECHNICAL CORRECTIONS:

- TIME FRAME USED TO LOOK FOR STATION UPDATES WAS ALSO CORRECTED.

TECHNICAL IMPROVEMENTS:

- TRANSMISSION ROWS ARE NOW ORDERED ACCORDING TO STATION WBAN NUMBER DESIGNATIONS. THIS MAKES MANUALLY LOCATING A PARTICULAR STATION IN AN UPDATE FILE EASIER.

- TRANSMISSIONS OMIT STATIONS THAT ARE NOT ACTIVE. THIS PREVENTS ROWS OF MISSING VALUES FROM BEING DISPLAYED FOR STATIONS WHICH ARE NOT ON RECORD. STATIONS THAT ARE ON RECORD BUT HAVE NOT PROVIDED ENOUGH OBSERVATIONS TO CALCULATE DAILY VALUES WILL CONTINUE TO BE REPRESENTED BY MISSING VALUE INDICATORS.

- TRANSMISSIONS ARE RESTRICTED TO THE TWO MOST RECENT DAYS TO AVOID OVERLOADING USERS WITH OLDER UPDATES BEST FOUND BY DOWNLOADING STATION-YEAR FILES THROUGH FTP. ANY CHANGES IN DATA PRIOR TO THE TWO MOST RECENT DAYS MUST BE FOUND IN THE SUBDIRECTORIES AT THE URL PROVIDED BELOW.

ANY PREVIOUS VERSIONS OF THE SXXX91 CRND01 PRODUCT (DAILY01) DATA ARE CONSIDERED BY NCDC TO BE OBSOLETE AND UNSUITABLE FOR SCIENTIFIC USE. REGENERATED USCRN DAILY DATA FILES ORDERED BY YEAR AND STATION CAN BE FOUND AT THE URL PROVIDED BELOW:

[FTP://FTP.NCDC.NOAA.GOV/PUB/DATA/USCRN/PRODUCTS/DAILY01/](ftp://ftp.ncdc.noaa.gov/pub/data/uscrn/products/daily01/)

THE EFFECTIVE DATE OF THIS CHANGE IS SOONER THAN SPECIFIED BY NWS POLICY /NWS INSTRUCTION 10-1805/. THE SHORTER ADVANCE LEAD TIME WAS NECESSITATED BY SOFTWARE PROBLEMS AND WAS APPROVED BECAUSE CURRENT USERS WILL NOT HAVE TO MAKE ANY SIGNIFICANT ADJUSTMENTS TO ACCOMMODATE THE CHANGE.

IF YOU HAVE QUESTIONS OR FEEDBACK...PLEASE CONTACT:

NATIONAL CLIMATIC DATA CENTER
151 PATTON AVE
ASHEVILLE, NC 28803
NCDC.CRN@NOAA.GOV

NWS NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/OS/NOTIF.HTM](http://www.weather.gov/os/notif.htm)

\$\$
NNNN