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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 09-37  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
800 AM EDT 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 LAWRIKORE  
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 CORRECTION:

- 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 THAT 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 FILE TRANSFER PROTOCOL /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 THE NATIONAL CLIMATIC DATA CENTER /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 /USE LOWER CASE/:

[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  
ASHEVILLE NORTH CAROLINA  
[NCDC.CRN@NOAA.GOV](mailto:NCDC.CRN@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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