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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE COLUMBIA SC
1105 AM EDT SAT AUG 29 2009

. . . FISCHER-PORTER REBUILD /FPR/ NOW IMPLEMENTED AT COOPERATIVE STATION, LANCASTER 3SW, SOUTH CAROLINA, ON AUGUST 26, 2009.

THIS EQUIPMENT MODIFICATION WILL CHANGE THE WAY THE PRECIPITATION MEASUREMENT IS TAKEN. THERE WILL BE NO CHANGE IN THE QUALITY OR THE TIMELINESS OF THIS STATION'S HOURLY PRECIPITATION DATA /HPD/. DATA WILL CONTINUE TO BE REPORTED IN MONTHLY HPD PUBLICATIONS.

THERE ARE A TOTAL OF SEVEN SITES TO RECEIVE THE FISCHER-PORTER REBUILD IN THE WFO-COLUMBIA COUNTY WARNING AREA /CWA/. SITES THAT WERE UPGRADED ARE LISTED WITH THEIR IMPLEMENTATION DATES BELOW.

COOP STATION NAME	COOP NUMBER	IMPLEMENTED
BISHOPVILLE 1ENE	38-0736	AUG 10 2009
CLARKS HILL 1W	38-1726	AUG 17 2009
LANCASTER 3SW	38-4918	AUG 26 2009
MANNING	38-5493	.2009
ST MATTHEWS	38-7560	.2009
WAGENER 1SW	38-8879	.2009
WINNSBORO	38-9327	.2009

THE DATA FROM FPR GAUGES WILL BE REPORTED BY THE NATIONAL CLIMATE DATA CENTER /NCDC/ AS A MONTHLY PRODUCT IN THE HOURLY PRECIPITATION DATA /HPD/ BULLETIN FIVE MONTHS AFTER THE MONTH OF MEASUREMENT.

INFORMATION ON HPD PRECIPITATION PRODUCTS IS AVAILABLE FROM NCDC.

[HTTP://WWW.NCDC.NOAA.GOV/OA/MPP/](http://www.ncdc.noaa.gov/oa/mpp/) USE LOWER CASE LETTERS AND SCROLL DOWN TO /MOST REQUESTED F/ SECTION - THE SIXTH SECTION ON THE PAGE - AND THEN CLICK ON THE WORD /SAMPLE/ TO VIEW AN HPD BULLETIN.

IF YOU HAVE ANY QUESTIONS REGARDING THE IMPLEMENTATION OF THE FISCHER-PORTER REBUILD, AT THE ABOVE LISTED SITES, PLEASE CONTACT:

FRANCIS WELLS
NWS/WFO-CAE...OBSERVATIONS PROGRAM LEADER (OPL)
COLUMBIA, SOUTH CAROLINA
PHONE: 803 765 5501
EMAIL: FRANCIS.WELLS@NOAA.GOV

THIS AND OTHER NWS PUBLIC INFORMATION STATEMENTS ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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Fischer-Porter Rebuild Implementation Notification Requirement

The following information should serve as a guide for the WFO who deploys Fischer Porter Rebuild (FPR) rain gauges. Transmission of the PNS messages (see above page) for each FPR site fulfills the NWS Operational Implementation Checklist, Item 3.b, titled, 'Transmit Notification Message' (see table below).

Each NWSREP should review the PNS template (above) as it instructs the public how to properly type the NCDC web address for samples of Hourly Precipitation Data (HPD) with lower case letters. Remember to arrange you cooperative sites in order of planned deployment giving the month of the estimated installment date. Ask your Regional Manager for an updated spreadsheet of the valid sites designated for FPR modernization for your county warning area.

Then, coordinate with your MIC a planned schedule with Implementation dates associated with each designated site. Valid months for the designated sites are JUNE 2009 through MAY 2010. Simply identify the month each designated site will go operational in the template of the PNS – then once installed, edit the PNS and state the date (i.e., AUG 26, 2009) this FPR site began logging data operationally.

After coordination with the MIC, and by five (5) calendar days after FPR was implemented at the COOP site, each NWSREP should have updated his PNS template for station-unique information on this particular FPR installation. Double-check and ensure that you have entered the proper COOP Station Name of the FPR site and the Month/Day/Year (e.g., AUG 26, 2009) when the FPR began logging.

Finally, you must enter CSSA to revise your Station Information Report (Form B43) for this equipment modification, no later than two (2) weeks after the start of data logging. Replace the old F&P serial number with the new seven-digit FPR load sensor serial number. It is located on the decal affixed to the end of the load sensor's beam. Also, in the 'Equipment Description' field delete the old F&P model/modification numbers, and replace them with this text: "FPR-D GAUGE WITH MEMORY CARD."

Phone the Sterling Field Support Center (SFSC), Jennifer Dover, on 703-661-1259, if you have any questions on how to enter the new metadata to the CSSA Station Information Report.

**Cooperative Observer Program
Planned Product Improvement
Operational Implementation (OI) Check List**

Planned Product Improvement: Fischer-Porter Rebuild (FPR-D)

Location (COOP Station Number and Name): _____

Office Completing this Check List: _____ Date: _____

Item #	Item Description	OPR	Date
1. Pre-OI Operational Support Activities			
a.	Select F&P sites to rebuild from HQ 'FPR Designated Sites Spreadsheet'	WFO	
b.	Submit 'FPR Pre-Implementation Worksheet' with Projected Dates, to OS7	WFO	
2. OI Installation Activities			
a.	Assemble FPR Kit in field office	WFO	
b.	Install and checkout FPR in accordance with MOD NOTE	WFO	
3. OI Monitoring and Coordination Activities			
a.	Generate a Site Inspection Report in CSSA	WFO	
b.	Transmit a notification message (PNS) on AWIPS	WFO	
c.	Establish a WFO Log Sheet to track Memory Cards received and mailed.	WFO	
4. Post OI Activities			
a.	Ensure data capture for transition month. Decode final month of F&P data from B-18 (i.e., partial month) and enter hourly and daily totals to Form 791D. E-mail to Stu Hinson (NCDC)	WFO	
b.	Submit new rendition B44 to Workflow to identify the FPR equipment	WFO	
c.	Dispose of old equipment in accordance with installation instructions.	WFO	
d.	Verify NCDC received HPD files – next day after FTP transmission	WFO	
e.	FAX the MIC-signed OI Certificate to Tom Trunk (OS7) only after all FPR-Ds have been implemented and NCDC has received data files.	WFO	

Instruction: The NWSREP fills-out one checklist per each rain gauge he/she modernizes and notes the date of the completed action. When all designated gauges are modernized to FPR-D, then NWSREP submits them to MIC with OI Certificate, for signature.

Monthly Conference Calls for Region/Field Coordination

The following information should serve as a guide for the NWSREP who is approximately three months ahead of installing the Fischer Porter Rebuild (FPR) recording rain gauges.

Starting in June 2009 the NWS headquarters will post a draft “***FPR Deployment Order***” to <https://apps.weather.gov/fp/fp.php> for each NWSREP to review and consult with his/her RCPM.

Sixty-days in advance of the indicated delivery date, your RCPM will e-mail you an ***FPR Pre-Implementation Worksheet***. Each NWSREP needs to complete a ***FPR Pre-Implementation Worksheet*** 30 days in advance of the scheduled FPR Delivery date.

You are requested to participate in the monthly Regional/Headquarters Coordination Calls, one month in advance of your Kit delivery date. Phone your Regional Cooperative Program Managers (RCPM) to coordinate any issues in advance of the Conference Call. You will be given the Conference Call phone number and access code, and conference call details will be posted to Oracle Calendar. Calls are scheduled every third-Wednesday at 2:00pm Eastern Time.

For this reason, carefully review the draft ***FPR Deployment Order*** together with the ***FPR Pre-Implementation Worksheet***, and fill in the green blank cells with projected installation dates. Mark down the month you believe you and/or your assistant will install the FPR kit to each of the COOP sites that has an F&P designated for FPR. Note: The National Logistics Support Center (NLSC) will send all FPR Kits to your WFO in one shipment.

For each COOP site in the worksheet, enter the day and month you will install the FPR kit to that site. From the time of kit delivery, strive to assemble and deploy all FPR kits within 30 days. Therefore, enter projected dates you plan to install the FPR into the ***FPR Pre-Implementation Worksheet***. Follow the worksheet instructions which are self-explanatory and fill-in the other green-cell boxes.

Then, e-mail your ***FPR Pre-Implementation Worksheet*** to your RCPM and give your approval to the delivery date for FPR Kit shipment. If an unusual circumstance poses a conflict to equipment delivery, then inform your RCPM as soon as possible, and request an alternate month to the one listed in the draft ***FPR Deployment Order***.

Once the Kits arrive at your WFO, immediately take inventory, and begin the assembly and coordination process with your Observers.

Strive to have all your FPR kits installed and running within four weeks of the kit delivery date.

After each FPR is installed, you will transmit a Public Information Statement (PNS) and thereby fulfill the NWSHQ Implementation Checklist, item; ‘Installation Notification’.

RESOURCES:

Notification Message Policy:

Each NWSREP should be familiar with *Local or Regional Service and Technical Changes* in NDS 10-1805, Section 2.1; <http://www.nws.noaa.gov/directives/010/pd01018005a.pdf>
"Procedures for changing local or regional products are determined by the appropriate Regional Headquarters. The changes are announced via a local PNS transmitted by the appropriate offices, as specified in the following instructions:

- o NWSI 10-501, "WFO Statements, Summaries, Tables Products Specification", and*
- o NWSI 10-1701, "Test Product Formats and Codes"*

The format and style of the PNS should be similar to those of the national service and technical change messages described in this NDS 10-1805. Local and regional changes will be coordinated through the appropriate NWS Headquarters program managers (OPS22 and OS7), so they can be aware of the activities."

Assembly Instructions:

For assembly instructions, click-on "*Draft FPR Assembly Procedures*, April 2009" in the list of documents on page: <http://www.nws.noaa.gov/ops2/Surface/coopimplementation.html> .

Office Operations Manual:

For station duty procedures to manage the collection of Observer recorded monthly precipitation data, access, <http://www.nws.noaa.gov/ops2/Surface/coopimplementation.htm> and click on "*FPR Operations Manual*, April 2009."

WFO Deployment Order:

For tentative order of Weather Forecast Office (WFO) deployment of the Fischer-Porter Rebuild version D (FPR-D) kits, access <https://apps.weather.gov/fp/fp.php> and the system will prompt you:

- a. Enter first part of e-mail address (i.e., [John.Doe](#) (exclude @noaa.gov) top line,
- b. Enter your e-mail PASSWORD on bottom line,
- c. Click the 'Continue-anyway' option if any non-secure site pop-ups appear

The webpage opens with three letter WFO IDs listed chronologically by tentative month of delivery. To call-up a spreadsheet with status information on all F&P sites in your area, double mouse-click on your 3-letter ID.

If you have any questions on these processes, phone your Regional Cooperative Program Manager (RCPM) two months in advance of your anticipated Regional / Headquarters monthly conference call.