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PNSWSH

PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 01-53  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
430 PM EDT TUE SEP 19 2001

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS  
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS  
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/  
SUBSCRIBERS  
NOAAPORT SUBSCRIBERS  
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: JAMES E. LEE  
CHIEF...FIRE AND PUBLIC WEATHER SERVICES BRANCH

SUBJECT: PROPOSED CHANGES TO THE HYDROMETEOROLOGICAL PREDICTION CENTER/S  
ANALYSIS AND GUIDANCE PRODUCTS...COMMENTS ACCEPTED VIA HPC WEBSITE THROUGH  
DECEMBER 12 2001

THE NATIONAL WEATHER SERVICE /NWS/ IS PROPOSING MODIFICATIONS TO SELECTED  
HYDROMETEOROLOGICAL PREDICTION CENTER /HPC/ ANALYSIS AND GUIDANCE  
PRODUCTS. THE IMPLEMENTATION OF THESE CHANGES WILL RESULT IN A MORE  
CONSISTENT SET OF GRAPHICAL PRODUCTS FROM DAY 1 THROUGH DAY 7.

FIRST...TWO ADDITIONAL NORTH AMERICAN SURFACE ANALYSIS CHARTS...ADVANCED  
WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ ID: RBG90F...WORLD  
METEOROLOGICAL ORGANIZATION /WMO/ HEADER: PYAA98 KWNO...WILL BE ADDED AT  
0300 AND 2100 COORDINATED UNIVERSAL TIME /UTC/. THIS WILL RESULT IN A  
COMPLETE SUITE OF SURFACE ANALYSIS CHARTS AT THREE-HOUR INTERVALS.

THE 12- THROUGH 48-HOUR SHORT RANGE SURFACE PROGNOSTIC CHARTS...NOW  
AVAILABLE...WILL BE MODIFIED AND EXTENDED INTO DAY 3. THESE NEW CHARTS  
WILL DEPICT THE FORECAST POSITIONS OF FRONTS...ISOBARS AND PRESSURE  
CENTERS...BUT WILL NO LONGER SHOW PRECIPITATION. NOTE: THE WEB-BASED  
CHARTS ARE CURRENTLY COMPOSED OF TWO OPERATIONAL PRODUCTS...A  
PRESSURE/FRONTS CHART AND A SENSIBLE WEATHER CHART. AWIPS IDENTIFIERS AND  
WMO HEADERS FOR THE AFFECTED CHARTS ARE:

CHART/STATUS	AWIPS ID	WMO HEADER
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12-HOUR PRESSURE/FRONTS/CURRENT	RBG92F	PPIC01 KWBC
24-HOUR PRESSURE/FRONTS/CURRENT	RBG94F	PPIE01 KWBC
36-HOUR PRESSURE/FRONTS/CURRENT	RBG96F	PPIG01 KWBC
48-HOUR PRESSURE/FRONTS/CURRENT	RBG98F	PPII01 KWBC
60-HOUR PRESSURE/FRONTS/PROPOSED	TBD	TBD
72-HOUR PRESSURE/FRONTS/PROPOSED	TBD	TBD

WE ARE PROPOSING THE FOLLOWING CHARTS...CURRENTLY BEING PRODUCED...BE ELIMINATED:

CHART/CURRENT -----	AWIPS ID -----	WMO HEADER -----
12-HOUR SENSIBLE WEATHER	RBGL2P	PEIC61 KWBC
24-HOUR SENSIBLE WEATHER	RBGL4P	PEIE62 KWBC
36-HOUR SENSIBLE WEATHER	RBGL6P	PEIG63 KWBC
48-HOUR SENSIBLE WEATHER	RBGL8P	PEII64 KWBC

A SEPARATE PROPOSED CHART...CALLED THE SIGNIFICANT WEATHER CHART /AWIPS ID AND WMO HEADER TBD/...ISSUED FOR DAYS 1...2 AND 3...WILL PROVIDE AN OVERVIEW OF THE DAY/S WEATHER...INCLUDING PRECIPITATION AND OTHER WEATHER HAZARDS.

THE DAY 3 MEDIUM RANGE NORTH AMERICAN FORECAST CHART...VALID AT 72 HOURS...AWIPS ID: RBG9JH...WMO HEADER: PPHK01 KWBC...WILL BE REPLACED BY TWO CHARTS DEPICTING THE FORECAST POSITIONS OF FRONTS...ISOBARS AND PRESSURE CENTERS AT 60- AND 72-HOURS /PREVIOUSLY MENTIONED/. THE DOMAIN OF THESE DAY 3 CHARTS WILL NOW BE LIMITED TO THE CONTINENTAL UNITED STATES /CONUS/.

WE ARE PROPOSING THE CONUS DAY 3 MAXIMUM AND MINIMUM TEMPERATURE AND PROBABILITY OF PRECIPITATION CHARTS BE ELIMINATED. NOTE: A WEB-BASED CHART IS GENERATED FOR EACH ELEMENT...THE OPERATIONAL PRODUCT...AWIPS ID: RBG93P...WMO HEADER: PYWK43 KWBC...CONTAINS ALL THREE ELEMENTS IN ONE CHART. THESE ELEMENTS ARE NOW COVERED IN EXPANDED DETAIL IN THE ZONE FORECAST PRODUCT /ZFP/ PROVIDED BY NWS FORECAST OFFICES.

TO FREE UP TIME TO HELP PREPARE THE ADDITIONAL PRODUCTS...WE PROPOSE TO DELETE THE SHORT RANGE PROGNOSTIC DISCUSSION...AWIPS ID: PMDSPD...WMO HEADER: FXUS01 KWBC...THAT ACCOMPANIES THE 12- THROUGH 48-HOUR CHARTS. SIMILAR INFORMATION WILL BE AVAILABLE IN OTHER HPC DISCUSSIONS.

TO SEE EXAMPLES OF THE CURRENT PRODUCTS AS WELL AS PROPOSED REPLACEMENTS...SEE THE HPC WEBSITE AT /USE LOWER CASE/:

[HTTP://WWW.HPC.NCEP.NOAA.GOV/](http://www.hpc.ncep.noaa.gov/)

WE ARE SOLICITING COMMENTS ON THIS PROPOSED MODIFIED SUITE OF PRODUCTS THROUGH DECEMBER 12 2001. THE HPC WEBSITE SHOWN ABOVE CONTAINS A LINK TO PROVIDE COMMENTS. IF THE RESULTS ARE POSITIVE...THE CHANGES WILL BE IMPLEMENTED IN THE SPRING OF 2002.

AWIPS IDENTIFIERS AND WMO HEADERS FOR NEW PRODUCTS WILL BE RELEASED AT LEAST 60 DAYS PRIOR TO OPERATIONAL IMPLEMENTATION IN A SERVICE CHANGE NOTICE.

IF YOU HAVE ANY QUESTIONS...YOU CAN CONTACT:

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OR

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NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATIONS/ARCHIVE](https://www.weather.gov/notifications/archive)

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