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PNSWSH

PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 00-114  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
135 PM EST TUE NOV 28 2000

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER  
WIRE SERVICE /NWS/ CUSTOMERS...OTHER NATIONAL WEATHER  
SERVICE /NWS/ CUSTOMERS...NWS EMPLOYEES

FROM: PAUL STOKOLS...ACTING CHIEF...  
FIRE AND PUBLIC WEATHER SERVICES BRANCH

SUBJECT: NEW STORM PREDICTION CENTER PROBABILISTIC SEVERE  
WEATHER OUTLOOKS TO COMMENCE JANUARY 31 2001

EFFECTIVE WEDNESDAY JANUARY 31 2001 AT 1130 A.M. EASTERN STANDARD  
TIME /EST/ OR 830 A.M. PACIFIC STANDARD TIME /PST/...  
1630 UNIVERSAL COORDINATED TIME /UTC/...THE STORM PREDICTION  
CENTER WILL BEGIN ISSUING ROUTINE PROBABILISTIC SEVERE WEATHER  
OUTLOOK GRAPHICS /SEE TABLE 1/. THESE GRAPHICS WILL PROVIDE  
FORECASTS OF SEVERE CONVECTIVE WEATHER THREATS ACROSS THE  
CONTIGUOUS 48 STATES...COMPLEMENTING THE EXISTING CATEGORICAL  
OUTLOOKS /SLIGHT...MODERATE...OR HIGH RISK OF SEVERE  
THUNDERSTORMS/ BY QUANTIFYING THE RISK OF SEVERE WEATHER AND  
EXPRESSING FORECAST UNCERTAINTY. PROBABILITIES WILL BE EXPRESSED  
AS THE CHANCE OF A FORECAST WEATHER EVENT OCCURRING WITHIN  
25 STATUTE MILES OF ANY LOCATION WITHIN A GIVEN AREA.

THE PROBABILITY FORECASTS FOR DAY ONE OUTLOOKS WILL BE ISSUED AT  
0600 UTC...1300 UTC...1630 UTC...2000 UTC...AND 0100 UTC. THE  
DAY TWO PROBABILITY FORECASTS WILL BE ISSUED AT 0830 UTC AND  
1730 UTC. THESE TIMES ARE IN CONJUNCTION WITH CONTINUING STORM  
PREDICTION CENTER CATEGORICAL OUTLOOKS.

THE PROBABILITY OUTLOOKS FOR THE 24-HOUR DAY ONE FORECAST WILL  
CONSIST OF SEPARATE GRAPHICS FOR TORNADOES...WIND...AND HAIL. THE  
PROBABILITIES FOR WIND AND HAIL CORRESPOND TO THE NATIONWIDE NWS  
SEVERE HAIL CRITERIA OF 3/4 OF AN INCH OR LARGER DIAMETER AND  
SEVERE CONVECTIVE WIND GUST CRITERIA OF 50 KNOTS OR GREATER. THE  
PROBABILITY OUTLOOKS FOR THE 24-HOUR DAY TWO FORECAST WILL  
CONSIST OF ONE GRAPHIC PROVIDING THE COMBINED PROBABILITY OF  
TORNADO AND SEVERE CRITERIA HAIL AND WIND THREATS.

ADDITIONALLY...HIGHLIGHTED AREAS IN EACH OUTLOOK WILL INDICATE  
WHERE THERE IS A 10 PERCENT OR GREATER CHANCE OF AN EXTREME  
EVENT. AN EXTREME EVENT IS DEFINED AS THE OCCURRENCE OF AN F2 OR  
STRONGER TORNADO...TWO INCH OR LARGER HAIL DIAMETER...OR 65 KNOT  
OR GREATER CONVECTIVE WIND GUST.

IN ORDER TO RECEIVE THESE NEW REDBOOK GRAPHIC PRODUCTS /LISTED IN  
TABLE ONE/...ALL CUSTOMERS MUST IMPLEMENT THE NEW WMO HEADERS IN

THEIR DISSEMINATION SYSTEM/S/ BY JANUARY 31 2001.

TABLE 1. WMO HEADERS FOR EACH NEW PROBABILISTIC SEVERE WEATHER  
OUTLOOK.

PROBABILITY OUTLOOK GRAPHIC	AWIPS ID	WMO HEADER
DAY ONE HAIL FORECAST	RBGOH1	PENE00 KWNS
DAY ONE WIND FORECAST	RBGOW1	PWNE00 KWNS
DAY ONE TORNADO FORECAST	RBGOT1	PGNE00 KWNS
DAY TWO COMBINED SEVERE FORECAST	RBGOA2	PGNI00 KWNS

FOR CUSTOMERS WITHOUT REDBOOK GRAPHIC DISPLAY CAPABILITIES...  
THESE PRODUCTS ARE AVAILABLE ON THE STORM PREDICTION CENTER  
INTERNET SITE /USE LOWER CASE/

[HTTP://WWW.SPC.NOAA.GOV](http://www.spc.noaa.gov)

FOR MORE INFORMATION AND EXAMPLES OF THE PROBABILITY OUTLOOKS...  
SEE THE STORM PREDICTION CENTER INTERNET SITE /USE LOWER CASE/

[HTTP://WWW.SPC.NOAA.GOV/PRODUCTS/OUTLOOK/PROBINF.HTML](http://www.spc.noaa.gov/products/outlook/probinf.html)

IF YOU HAVE ANY QUESTIONS OR COMMENTS... PLEASE CONTACT EITHER OF  
THE FOLLOWING PERSONS:

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...NOTE TO INTERNET USERS...

THIS AND ALL OTHER NWS SERVICE CHANGE NOTICES ARE POSTED ON /USE  
LOWER CASE/

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

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