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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/ SUBSCRIBERS  
OTHER NWS CUSTOMERS...PARTNERS AND 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 COORDINATED UNIVERSAL  
TIME /UTC/...THE STORM PREDICTION CENTER /SPC/ 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 SPC 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 WORLD METEOROLOGICAL  
ORGANIZATION /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/PROBINFO.HTML](http://www.spc.noaa.gov/products/outlook/probinfo.html)

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

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

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

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