

NOUS41 KWBC 171155  
PNSWSH

SERVICE CHANGE NOTICE 08-29  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
755 AM EDT THU APR 17 2008

TO: SUBSCRIBERS:  
-FAMILY OF SERVICES  
-NOAA WEATHER WIRE SERVICE  
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK  
OTHER NWS PARTNERS...AND NWS EMPLOYEES

FROM: ELI JACKS  
CHIEF...FIRE AND PUBLIC WEATHER SERVICES BRANCH

SUBJECT: DISSEMINATION OF AREAL OUTLINE PRODUCT FOR STORM  
PREDICTION CENTER DAY 3-8 FIRE WEATHER OUTLOOK  
EFFECTIVE MAY 20 2008

EFFECTIVE TUESDAY...MAY 20 2008 AT 0400 AM CENTRAL DAYLIGHT TIME  
/CDT/...0900 COORDINATED UNIVERSAL TIME /UTC/...THE NWS STORM  
PREDICTION CENTER /SPC/ WILL BEGIN DISSEMINATION OF THE DAY 3-8  
FIRE WEATHER OUTLOOK AREAL OUTLINE PRODUCT /AWIPS ID PFWF38/ FOR  
CONUS USE ONLY.

CUSTOMERS WHO WISH TO RECEIVE THIS PRODUCT SHOULD ADD THE  
COMMUNICATION IDENTIFIER INDICATED BELOW TO THE APPROPRIATE  
DATABASES.

PRODUCT	WMO HEADER	AWIPS ID
DAY 3-8 FIRE WEATHER OUTLOOK AREAL OUTLINE	FNUS38 KWNS	PFWF38

THIS PRODUCT WILL COMPLEMENT THE OTHER SPC FIRE WEATHER OUTLOOK  
AREAL OUTLINE PRODUCTS. THE CURRENT SUITE OF FIRE OUTLOOK  
PRODUCTS ISSUED BY THE SPC INCLUDING THE NEW PFWF38 PRODUCT ARE:

PRODUCT	WMO HEADER	AWIPS ID
DAY 1 FIRE WEATHER OUTLOOK	FNUS21 KWNS	FWDDY1
DAY 1 REDBOOK GRAPHIC	PMWE98 KWNS	RBGFW1
DAY 1 OUTLOOK AREAL OUTLINE	FNUS31 KWNS	PWFWD1
DAY 2 FIRE OUTLOOK	FNUS22 KWNS	FWDDY2
DAY 2 REDBOOK GRAPHIC	PMWI98 KWNS	RBGFW2
DAY 2 OUTLOOK AREAL OUTLINE	FNUS32 KWNS	PWFWD2
DAY 3-8 CONVECTIVE OUTLOOK	FNUS28 KWNS	FWDD38
DAY 3-8 REDBOOK GRAPHIC	PGNO98 KWNS	RPGFW3
DAY 3-8 OUTLOOK AREAL OUTLINE	FNUS38 KWNS	PFWF38

THE NEW DAY 3-8 FIRE WEATHER OUTLOOK AREAL OUTLINE PRODUCT  
CONTAINS LATITUDE AND LONGITUDE POINTS DESCRIBING THE AREAS  
DISCUSSED IN THE DAY 3-8 FIRE WEATHER OUTLOOK PRODUCT AND

DEPICTED IN THE DAY 3-8 REDBOOK GRAPHIC PRODUCT /PGNO98/.

LAT/LON VALUES IN THE PRODUCT ARE IN DECIMAL DEGREES. FOR EXAMPLE... 34760394 IS 34.76N AND 103.94W. NOTE: THE LONGITUDE VALUES ARE CODED AS FOUR DIGITS...SO POINTS WEST OF 99.99W ARE CODED WITH THE HUNDREDS DIGIT REMOVED...THAT IS THE NUMBER ONE /1/ IS NOT INCLUDED. IF AN AREA IS CLOSED...THE FIRST AND LAST LAT/LON POINTS ARE THE SAME. ONLY DEFINED AREAS ARE LISTED.

IF THE POTENTIAL OR PREDICTABILITY FOR CRITICAL FIRE WEATHER CONDITIONS IS TOO LOW FOR A GIVEN DAY...NO AREAL OUTLINE IS LISTED FOR THAT DAY. IF THE POTENTIAL OR PREDICTABILITY FOR CRITICAL FIRE WEATHER CONDITIONS IS TOO LOW FOR THE ENTIRE 3 TO 8 DAY PERIOD...NO AREAL OUTLINE IS INCLUDED IN THE PRODUCT.

THREE EXAMPLES OF THE PFWF38 PRODUCT ARE SHOWN BELOW.

#### EXAMPLE 1

DAY 3-8 FIRE WEATHER OUTLOOK AREAL OUTLINE  
NWS STORM PREDICTION CENTER NORMAN OK  
0500 AM CST TUE JAN 1 2008

VALID TIME 031200Z - 091200Z

FIRE WEATHER OUTLOOK POINTS DAY 3-8

... CRITICAL FIRE WEATHER AREA ...

D4 41032070 41802015 42531955 43051807 42361703 41411728  
40101810 39341871 38641969 39712055 41032070  
D5 41981867 43131737 44291614 44551513 44121404 43281393  
42381418 41441505 40271548 38271592 36981651 36821742  
37851885 38431946 39102006 40092022 40871989 41981867

EXAMPLE 1 ABOVE INDICATES THE VALID TIME OF THE PRODUCT IS FROM 1200 UTC ON JANUARY 3 THROUGH 1200 UTC ON JANUARY 9. IN THIS EXAMPLE THERE ARE 2 AREAS FOR DAYS 4 AND 5. DAYS 3 AND 6-8 ARE NOT LISTED SINCE THE POTENTIAL OR PREDICTABILITY FOR CRITICAL FIRE WEATHER AREAS IS TOO LOW FOR DAY 3 OR DAYS 6-8.

#### EXAMPLE 2

DAY 3-8 FIRE WEATHER OUTLOOK AREAL OUTLINE  
NWS STORM PREDICTION CENTER NORMAN OK  
0559 AM CST THU JAN 10 2008

VALID TIME 121200Z - 181200Z

FIRE WEATHER OUTLOOK POINTS DAY 3-8

... CRITICAL FIRE WEATHER AREA ...

D3 48861246 43450967 42571369 43671586 45131691 47211750

48711730 49101469 48861246

D5-7 34241365 36751670 39531920 44111903 44981672 43331202  
41020910 38700810 34970901 34241365

IN EXAMPLE 2 THERE ARE 2 AREAS...DAY 3 AND THE COMBINED  
DAYS 5 TO 7.

EXAMPLE 3

DAY 3-8 FIRE WEATHER OUTLOOK AREAL OUTLINE  
NWS STORM PREDICTION CENTER NORMAN OK  
0515 AM CST MON JAN 14 2008

VALID TIME 161200Z - 221200Z

FIRE WEATHER OUTLOOK POINTS DAY 3-8

... CRITICAL FIRE WEATHER AREA ...

IN EXAMPLE 3 THE POTENTIAL OR PREDICTABILITY FOR CRITICAL FIRE  
AREAS IS TOO LOW FOR THE ENTIRE 3 TO 8 DAY PERIOD AND NO AREAL  
OUTLINES ARE INCLUDED.

TO FURTHER ILLUSTRATE DECODING THE LAT/LON POINTS...THE DAY 4  
AREA FROM EXAMPLE 1 HAS THE FOLLOWING LAT/LON POINTS:

D4 41032070 41802015 42531955 43051807 42361703 41411728  
40101810 39341871 38641969 39712055 41032070

WHICH CAN BE DECODED AS:

41.03N 120.70W  
41.80N 120.15W  
42.53N 119.55W  
43.05N 118.07W  
42.36N 117.03W  
41.41N 117.28W  
40.10N 118.10W  
39.34N 118.71W  
38.64N 119.69W  
39.71N 120.55W  
41.03N 120.70W

NOTE: THE LAST POINT IS THE SAME AS THE FIRST POINT AND INDICATES  
THE AREA IS A CLOSED AREA.

THE FORMAT OF THIS PRODUCT IS SIMILAR TO OTHER SPC AREAL OUTLINE  
PRODUCTS:

WMO ID	AWIPS ID
FNUS31 KWNS	PFWFD1
FNUS32 KWNS	PFWFD2
FNUS38 KWNS	PWF38

THIS PRODUCT IS A REPACKAGING OF EXISTING DAY 3-8 FIRE WEATHER  
OUTLOOK INFORMATION IN A MORE MACHINE READABLE FORMAT. ADDITIONAL  
INFORMATION ON SPC FIRE WEATHER PRODUCTS CAN BE FOUND IN NWS  
DIRECTIVE 10-401 /FIRE WEATHER SERVICES PRODUCT SPECIFICATION/ AT  
/USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/DIRECTIVES/SYM/PD01004001CURR.PDF](http://www.nws.noaa.gov/directives/sym/pd01004001curr.pdf)

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

DR. RUSSELL SCHNEIDER	GREGORY GROSSHANS
CHIEF SCIENCE SUPPORT BRANCH	METEOROLOGIST
STORM PREDICTION CENTER	STORM PREDICTION CENTER
120 DAVID L. BOREN BLVD	120 DAVID L. BOREN BLVD
SUITE 2500	SUITE 2500
NORMAN OK 73072	NORMAN OK 73072
405-325-2066	405-325-2462
<a href="mailto:RUSSELL.SCHNEIDER@NOAA.GOV">RUSSELL.SCHNEIDER@NOAA.GOV</a>	<a href="mailto:GREGORY.GROSSHANS@NOAA.GOV">GREGORY.GROSSHANS@NOAA.GOV</a>

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

[HTTP://WWW.WEATHER.GOV/OM/NOTIF.HTM](http://www.weather.gov/om/notif.htm)

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