

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
-NOAAPORT
OTHER NWS PARTNERS...USERS AND 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 400 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 /ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM
/AWIPS/ ID PFWF38/ FOR CONTIGUOUS U.S. /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
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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
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DAY 1 FIRE WEATHER OUTLOOK	FNUS21 KWNS	FWDDY1
DAY 1 REDBOOK GRAPHIC	PMWE98 KWNS	RBGF1
DAY 1 OUTLOOK AREAL OUTLINE	FNUS31 KWNS	PWF1
DAY 2 FIRE OUTLOOK	FNUS22 KWNS	FWDDY2
DAY 2 REDBOOK GRAPHIC	PMWI98 KWNS	RBGF2
DAY 2 OUTLOOK AREAL OUTLINE	FNUS32 KWNS	PWF2
DAY 3-8 CONVECTIVE OUTLOOK	FNUS28 KWNS	FWDD38
DAY 3-8 REDBOOK GRAPHIC	PGNO98 KWNS	RPGF3
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/.

LATITUDE /LAT//LONGITUDE /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 TWO 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 TWO 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
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FNUS31 KWNS	PFWFD1
FNUS32 KWNS	PFWFD2
FNUS38 KWNS	PFWF38

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/:

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

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

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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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