

NOUS41 KWBC 051205
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 10-41
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
805 AM EDT THU AUG 5 2010

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: CHANGE TO CODING OF STORM PREDICTION CENTER /SPC/ GRIB2 FIRE
WEATHER OUTLOOK PRODUCTS: EFFECTIVE DECEMBER 7 2010

EFFECTIVE 1400 COORDINATED UNIVERSAL TIME /UTC/ ON TUESDAY DECEMBER 7
2010...THE CODING OF THE SPC FIRE WEATHER OUTLOOK PRODUCTS ISSUED IN
GRIDDED BINARY VERSION TWO /GRIB2/ FORMAT WILL CHANGE. SPC ONLY ISSUES
GRIB2 FIRE WEATHER OUTLOOK PRODUCTS FOR CONTIGUOUS U.S. /CONUS/ LOCATIONS.

TABLE 1. SPC GRIB2 FIRE WEATHER OUTLOOK PRODUCTS DESCRIBING FIRE WEATHER
CRITICAL AND EXTREMELY CRITICAL AREAS: DAYS 1 THROUGH 8

CRITERION	OLD VALUE	NEW VALUE
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NO FIRE WEATHER RISK AREA	0	0
CRITICAL FIRE WEATHER RISK AREA	14	8
EXTREMELY CRITICAL FIRE WEATHER RISK AREA	18	10

TABLE 2. THE ABOVE CODING CHANGE APPLIES TO THE FOLLOWING PRODUCTS:

PRODUCT	WMO HEADER
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DAY 1	LDIY10 KWNS
DAY 2	LDIY20 KWNS
DAY 3	LDIY30 KWNS
DAY 4	LDIY40 KWNS
DAY 5	LDIY50 KWNS
DAY 6	LDIY60 KWNS
DAY 7	LDIY70 KWNS
DAY 8	LDIY80 KWNS

TABLE 3. SPC GRIB2 FIRE WEATHER OUTLOOK PRODUCTS DESCRIBING FIRE WEATHER CRITICAL AREAS DUE TO DRY THUNDERSTORMS: DAYS 1 THROUGH 3

CRITERION -----	OLD VALUE -----	NEW VALUE -----
NO FIRE WEATHER DRY THUNDER RISK AREA	0	0
CRITICAL FIRE WEATHER DRY THUNDER RISK AREA	11	8

TABLE 4. THE ABOVE CODING CHANGE APPLIES TO THE FOLLOWING PRODUCTS:

PRODUCT -----	WMO HEADER -----
DAY 1	LDIY11 KWNS
DAY 2	LDIY21 KWNS
DAY 3	LDIY31 KWNS

THESE CHANGES ARE BEING MADE TO CONFORM WITH THE STANDARD ZERO /0/ TO TEN /10/ THREAT LEVEL INTEGER SYSTEM USED IN NATIONAL DIGITAL FORECAST DATABASE /NDFD/ HAZARD OUTLOOK PRODUCTS. USERS OF THE SPC GRIB2 FIRE WEATHER OUTLOOK PRODUCTS WILL NEED TO MODIFY THEIR SOFTWARE TO CORRECTLY DECODE THESE PRODUCTS WHEN THESE CHANGES ARE IMPLEMENTED.

THERE ARE NO CHANGES TO THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADERS OF THE SPC GRIB2 FIRE WEATHER OUTLOOK PRODUCTS. PARTNERS AND USERS WILL CONTINUE RECEIVING ALL THESE PRODUCTS IN THE SAME MANNER AS THEY DO NOW AND AT THE SAME ISSUANCE TIMES.

IF DECEMBER 7 2010 IS DECLARED A CRITICAL WEATHER DAY...THIS IMPLEMENTATION MAY BE DELAYED. PARTNERS AND USERS WILL BE NOTIFIED VIA AN UPDATED TECHNICAL IMPLEMENTATION NOTICE AS SOON AS POSSIBLE AND A NEW IMPLEMENTATION DATE WILL BE ANNOUNCED.

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

KEVIN SCHARFENBERG
 NATIONAL WEATHER SERVICE...OCWWS
 NORMAN OKLAHOMA
KEVIN.SCHARFENBERG@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

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

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