

## Experimental Mixed Case Text Products Product Description Document

### Part I – Mission Connection:

- a. Product Description: Many NWS partners and users have identified the need for NWS text products to be provided in mixed case letters and to include an expanded punctuation and character set.
- b. Purpose: To produce and disseminate NWS text products using mixed case letters and an expanded punctuation/character set. Users of these NWS text products will have the opportunity to identify and correct any anomalous behavior of their systems and their customer's systems that may be caused by the use of mixed case letters and the expanded punctuation/ character set.
- c. Audience: NWS partners, users and the general public.
- d. Presentation Format: Text products.
- e. Feedback Method: Experimental period will run from Tuesday, October 4, 2011 through Friday, August 31, 2012.

Technical and policy questions and comments may be addressed to:

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And a web survey is online at:

<http://www.weather.gov/survey/nws-survey.php?code=mixed-case>

### PART 2 – Technical:

- a. Format and Science Basis: Character usage includes mixed case letters and punctuation/characters that are part of the International Reference Alphabet No. 5 (US-ASCII character set.)

“space” ! “ # \$ % & ‘ ( ) \* + , - . /

0 1 2 3 4 5 6 7 8 9 ; : < = > ?

@ A B C D E F G H I J K L M N O

P Q R S T U V W X Y Z [ \ ] ^ \_

` a b c d e f g h i j k l m n o

p q r s t u v w x y z { | } ~

ALL CAPS are allowed for emphasis (i.e., SHOUTING).

Color, underline, bold, italics and graphics are NOT allowed.

b. Product Availability: routine text products.

c. Implementation: Pending positive user feedback and NWS operational decision, text products will be transitioned to mixed case letters as software development permits.