PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 00-82
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
330 PM EDT WED SEP 13 2000

TO:      FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWWS/ SUBSCRIBERS
OTHER NATIONAL WEATHER SERVICE /NWS/ CUSTOMERS AND EMPLOYEES

FROM:    PAUL STOKOLS...ACTING CHIEF
FIRE AND PUBLIC WEATHER SERVICES BRANCH

SUBJECT: EXPANDED CODED CITIES FORECAST AND DIGITAL ZONE FORECAST PRODUCTS
FROM NATIONAL WEATHER SERVICE TAUNTON MA...EFFECTIVE OCTOBER 11 2000

ON WEDNESDAY OCTOBER 11 2000...AT 400 PM EDT...THE NATIONAL WEATHER
SERVICE IN TAUNTON MASSACHUSETTS WILL ISSUING AN EXPANDED VERSION OF THE
CODED CITIES FORECAST AND A PRODUCT CALLED THE DIGITAL ZONE FORECAST. THE
DIGITAL FORMAT OF THESE PRODUCTS WILL FACILITATE AUTOMATED PROCESSING BY
COMPUTERS.

EXPANDED CODED CITIES FORECAST...

THE EXPANDED CODED CITIES FORECAST WILL BE SIMILAR TO THE EXISTING PRODUCT
FOR DAYS ONE AND TWO. BUT WILL INCLUDE FORECASTS OUT TO FIVE DAYS. THE
WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADER WILL BE UNCHANGED AND
CONTINUE TO BE FPUS41 KBOX. THE NOAA WEATHER WIRE SERVICE /NWWS/
HEADER...BOSCCFBOS...WILL ALSO REMAIN UNCHANGED. CUSTOMERS WILL NOT NEED
TO MAKE ANY COMMUNICATION CHANGES TO CONTINUE RECEIVING THIS PRODUCT.

THE FOLLOWING IS AN EXAMPLE OF THE FIRST ENTRY OF THE EXPANDED CODED
CITIES FORECAST...

FPUS41 KBOX 082000
CCFBOS
BOS TA  055/074 038/059 038 25375
ABB 073/048 074/050 070              0000000

THE THIRD LINE IS IDENTICAL TO THE CURRENT CODED CITIES FORECAST. ON THE
FOURTH LINE...ABB IS AN EXAMPLE OF A STRING OF THREE ONE LETTER WEATHER
FORECASTS FOR DAYS THREE...FOUR...AND FIVE...FOLLOWED BY THE TEMPERATURE
FORECAST FOR THE LAST FIVE PERIODS. THE STRING OF ZEROES AT THE END OF
THE LINE WILL EVENTUALLY BE REPLACED WITH PRECIPITATION PROBABILITIES FOR
SEVEN PERIODS. BUT THIS WILL NOT BE AVAILABLE INITIALLY.

DIGITAL ZONE FORECAST...
THE DIGITAL ZONE FORECAST DISPLAYS FORECASTED WEATHER PARAMETERS IN UP TO
3-HOUR INTERVALS. THIS PROVIDES A MORE DETAILED FORECAST AND ALSO MAKES
IT EASIER FOR THE USER TO OBTAIN THE WEATHER PARAMETER/S/ OF CHOICE. IT
IS ESSENTIALLY A DIGITAL DISPLAY OF THE ZONE FORECAST IN MUCH GREATER
DETAIL AND WITH FORECAST PROJECTIONS OUT TO FIVE DAYS. THE NARRATIVE
VERSION OF THE ZONE FORECAST /ZFP/ WILL STILL BE AVAILABLE.

THE WMO HEADER FOR THE DIGITAL ZONE FORECAST WILL BE FOUS51 KBOX. THE NWWS HEADER WILL BE BOSRDFBOX. CUSTOMERS WILL NEED TO ADD THESE IDENTIFIERS TO THEIR COMMUNICATION SYSTEMS IF THEY WISH TO RECEIVE THE DIGITAL ZONE FORECAST.

THE FOLLOWING IS AN EXAMPLE OF THE DIGITAL ZONE FORECAST...

FOUS51 KBOX 311920
RDFBOX

DIGITAL ZONE FORECAST
NATIONAL WEATHER SERVICE TAUNTON MA
318 PM EDT THU AUG 31 2000

MAZ014>016-010518-
EXTREME EASTERN NORFOLK-SOUTHEASTERN MIDDLESEX-SUFFOLK-
318 PM EDT THU AUG 31 2000

\       \       \       \       \
POP 12HR  0       0       0       10      20
QPF 12HR  0       0       0       0
MAX QPF  0       0       0       0
SNOW 12HR 00-00   00-00   00-00   00-00
MN/MX   49      77      54      75      53
TEMP    71      73      69      60      55
Dewpt   36      36      42      44      45
RH      28      26      33      51      66
CLOUDS  CL CL SC SC BK BK BK BK BK BK BK BK BK BK BK BK BK BK BK BK BK BK

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POP 12HR  0       0       0       0       0
MN/MX   72      56      77      57      57
CLOUDS  BK BK BK BK BK BK BK BK BK
RAIN SHWRS C C C C C C
TSTMS   C C C C S

$$

END OF EXAMPLE

DETAILS ON HOW TO INTERPRET THIS PRODUCT CAN BE FOUND ON THE INTERNET AT /LOWER CASE/ WWW.NWS.NOAA.GOV/ER/RLX/PRODEX/RDFEXPLANATION.HTML

IF YOU HAVE QUESTIONS OR COMMENTS ABOUT THESE PRODUCTS...PLEASE CONTACT NWS TAUNTON...ROBERT THOMPSON /METEOROLOGIST IN CHARGE/ OR GLENN FIELD /WARNING COORDINATION METEOROLOGIST/ AT 508-823-1900.

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