NOUS41 KWBC DDHHMM
PNSWSH

PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 00-87
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
320 PM EDT THU SEP 21 2000

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

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

SUBJECT: EXPANDED CODED CITIES FORECAST AND NEW DIGITAL ZONE
         FORECAST FROM NATIONAL WEATHER SERVICE PORTLAND ME...
         EFFECTIVE OCTOBER 23 2000

ON MONDAY OCTOBER 23 2000...AT 300 PM EDT...THE NATIONAL WEATHER
SERVICE IN GRAY MAINE WILL BEGIN ISSUING AN EXPANDED VERSION OF
THE CODED CITIES FORECAST AND A NEW 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 1 AND 2...BUT WILL INCLUDE FORECASTS
OUT TO FIVE DAYS. THE WMO HEADER WILL BE UNCHANGED AND CONTINUE
TO BE FPUS41 KGYX. THE NINE-CHARACTER PIL IDENTIFIER...
PWMCCFPWM...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 KGYX 162030
CCFPWM

PWM TA   055/074 038/059 038 25375
         RRR   073/048 074/050 070                 0000000

THE THIRD LINE IS IDENTICAL TO THE CURRENT CODED CITIES FORECAST.
ON THE FOURTH LINE...RRR IS AN EXAMPLE OF A STRING OF THREE ONE
LETTER WEATHER FORECAST FOR DAYS 3...4...AND 5...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 THE LAST 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 5 DAYS. THE NARRATIVE VERSION OF THE ZONE FORECAST /ZFP/ WILL STILL BE AVAILABLE.

THE WMO HEADER FOR THE DIGITAL ZONE FORECAST WILL BE FOUS51 KGXY. THE NINE CHARACTER PIL IDENTIFIER WILL BE PWMRDFGYX. CUSTOMERS WILL NEED TO ADD THESE PRODUCTS TO THEIR COMMUNICATION SYSTEMS IF THEY WISH TO RECEIVE THE DIGITAL FORECAST.

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

FOUS51 KGXY 241846
RDFGYX

DIGITAL ZONE FORECASTS
NATIONAL WEATHER SERVICE GRAY ME
245 PM EDT THU AUG 24 2000

MEZ007>009-NHZ001>003-240300-
NORTHERN OXFORD-NORTHERN FRANKLIN-CENTRAL SOMERSET-NORTHERN COOS-
SOUTHERN COOS-NORTHERN GRAFTON-
INCLUDING THE CITIES OF...ANDOVER...UPTON...WILSONS MILLS...
AVON...BIGELOW...EUSTIS...RANGELEY...BERLIN...LANCASTER...BINGHAM...JACKMAN...
PITTS STON FARM...COLE BROOK...PITTSBURG...LINCOLN... LITTLETON
245 PM EDT THU AUG 24 2000

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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
MN/MX 49 77 54 75 53
TEMP 71 73 69 60 55 52 52 61 71 75 72 64 60 57 61 67 75 72
DEWPT 36 36 39 42 44 45 46 48 49 48 49 51 52 52 55 57 57 57
RH 28 26 33 51 66 77 80 62 46 38 44 63 75 83 71 70 54 59
WIND DIR S S S S S S S S S S S S S S S S S S S S S S
WIND SPD 8 10 5 5 2 2 2 2 10 12 12 8 5 5 2 2 10 12 12 8 8 8 8
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 40 40 40 40 30 30
MN/MX 72 56 77 57 77 57
CLOUDS BK BK BK BK BK BK BK BK BK BK BK BK
RAIN SHWRS C C C C C C
TSTMS C C C C S S
FURTHER DETAILS ON HOW TO INTERPRET THIS PRODUCT CAN BE FOUND ON THE INTERNET AT /USE LOWER CASE/

WWW.NWS.NOAA.GOV/ER/RLX/PRODEX/RDFEXPLANATION.HTML

IF YOU HAVE QUESTIONS OR COMMENTS ABOUT THESE NEW PRODUCTS... PLEASE CALL THE NWS OFFICE IN GRAY MAINE AT 207-688-3216...EXT 223 FOR JOHN JENSENIUS...OR EXT 222 FOR AL WHEELER.

THIS NOTICE AND OTHER SERVICE CHANGE NOTICES ARE ON THE INTERNET AT /USE LOWER CASE/

WWW.NWS.NOAA.GOV/OM/NOTIF.HTM

END

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