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 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 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 KGYX. THE NINE-CHARACTER PRODUCT IDENTIFICATION LIST /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 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 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 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 KGYX. 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 KGYX 311920
RDFGYX

DIGITAL ZONE FORECASTS
NATIONAL WEATHER SERVICE GRAY ME
318 PM EDT THU AUG 31 2000

MEZ007>009-NHZ001>003-010518-
NORTHERN OXFORD-NORTHERN FRANKLIN-CENTRAL SOMERSET-NORTHERN COOS- SOUTHERN
COOS-NORTHERN GRAFTON-
INCLUDING THE CITIES OF...ANDOVER...UPTON...WILSONS
MILLS...AVON...BIELOW...EUSTIS...RANGELEY...BERLIN...LANCASTER...BINGHAM
...JACKMAN... PITTSTON FARM...COLEBROOK...PITTSBURG...LINCOLN...LITTLETON
318 PM EDT THU AUG 31 2000

\ FRI 09/01/00 \ SAT 09/02/00 \ 
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 52 55 57 57 57
RH 28 26 33 51 66 77 80 62 46 38 44 63 75 83 81 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 10 12 12 8 5 5 2 2 10 12 12 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
/SUN 09/03/00 /MON 09/04/00 /TUE 09/05/00 /
EDT 09 15 21 03 09 15 21 03 09 15 21 03 09

POP 12HR 40 40 40 40 30 30
MN/MX 72 56 77 57 77 57
CLOUDS BK BK BK BK BK BK BK
RAIN SHWRS C C C C C
TSTMS C C C C S
$$
END OF EXAMPLE
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.

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

HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE

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