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SERVICE CHANGE NOTICE 06-30 AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
100 PM EDT FRI SEP 15 2006

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: ROBERT E. LIVEZEY
CHIEF...CLIMATE SERVICES DIVISION

SUBJECT: AMENDED: THE EFFECTIVE DATE FOR THE LOCAL THREE-MONTH TEMPERATURE
OUTLOOKS BECOMING OFFICIAL HAS BEEN DELAYED UNTIL THURSDAY JANUARY 18 2007

AMENDED FOR A FOUR MONTH DELAY DUE TO TECHNICAL ISSUES.

THE NWS CLIMATE SERVICES DIVISION /CSD/ HAS DELAYED THE OFFICIAL ISSUANCE
OF THE LOCAL 3-MONTH TEMPERATURE OUTLOOKS /L3MTO/ UNTIL THURSDAY JANUARY
18 2007.

IN THE MEANTIME...CSD WILL CONTINUE EXPERIMENTALLY ISSUING THE L3MTO ON
WEATHER FORECAST OFFICE /WFO/ CLIMATE WEBPAGES ON THE THIRD THURSDAY OF
THE MONTH AT 830 AM EASTERN LOCAL TIME. THESE WFO WEBPAGES ARE AVAILABLE
ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/CLIMATE/L3MTO.PHP](http://www.weather.gov/climate/l3mto.php)

COMMENTS WILL CONTINUE TO BE ACCEPTED FROM THE WEBSITE SHOWN ABOVE AND
WILL BE CONSIDERED IN PERIODIC WEBSITE REVIEWS FOR POSSIBLE REVISIONS.

CSD WILL ISSUE L3MTO CONCURRENTLY WITH THE CLIMATE PREDICTION CENTER /CPC/
NATIONAL 3-MONTH TEMPERATURE OUTLOOKS. L3MTO ARE TAILORED FROM CPC
OUTLOOKS TO APPROXIMATELY 1200 SITE-SPECIFIC STATIONS ACROSS THE
CONTINENTAL U.S. /CONUS/ AND ALASKA. CSD WILL ISSUE L3MTO FOR
APPROXIMATELY 10 STATIONS IN EACH WFO AREA OF RESPONSIBILITY WITHIN THE
CONTIGUOUS U.S. /CONUS/ AND ALASKA. ADDITIONAL SITES AND CLIMATE
PARAMETERS ARE PLANNED IN THE FUTURE.

L3MTO INFORMATION WILL BE AVAILABLE IN BOTH GRAPHIC AND TEXT FORMATS. FOR
EACH STATION...THE L3MTO PRODUCT SUITE WILL CONSIST OF OUTLOOKS WITH LEAD
TIMES FROM 0.5 MONTHS TO 12.5 MONTHS. FOR EXAMPLE...ON THE THIRD THURSDAY
IN JANUARY...THERE WILL BE AN L3MTO FOR FEBRUARY THROUGH APRIL...MARCH
THROUGH MAY...APRIL THROUGH JUNE...AND SO ON TO FEBRUARY THROUGH APRIL OF
THE FOLLOWING YEAR.

AN L3MTO WILL CONSIST OF THREE TYPES OF OUTPUT:

A. OUTLOOK FOR THE THREE TEMPERATURE CATEGORIES: CSD WILL EXPRESS THE OUTLOOK AS FORECASTED PROBABILITY /IN PERCENT/ THAT THE AVERAGE 3-MONTH TEMPERATURE WILL FALL INTO EACH OF THREE CATEGORIES: ABOVE...BELOW...OR NEAR NORMAL. CSD REFERENCE TO NORMAL CLIMATOLOGY COMES FROM THE 30-YEAR /1971-2000/ MEAN 3-MONTH TEMPERATURE AND CATEGORY LIMITS. CSD DEFINES THE CATEGORIES AS CLIMATOLOGICALLY EQUALLY LIKELY: FOR EXAMPLE...THE TOP 10 CASES OF A 30 YEAR RECORD DEFINE THE ABOVE CATEGORY. THE MIDDLE 10 CASES DEFINE THE NORMAL CATEGORY. THE BOTTOM 10 CASES DEFINE THE BELOW CATEGORY.

B. TEMPERATURE RANGE OUTLOOK: CSD WILL EXPRESS THE EXPECTED RANGE OF THE AVERAGE 3-MONTH TEMPERATURE. EXPECTED RANGE OUTLOOKS ARE PRODUCED FOR FIVE CONFIDENCE INTERVALS OR LEVELS OF EXPECTED CHANCE:

99 PERCENT 95 PERCENT 90 PERCENT 75 PERCENT 50 PERCENT

C. PROBABILITY OF EXCEEDENCE/NON EXCEEDENCE /POE...PONE/ OUTLOOKS: CSD WILL EXPRESS THE POE/PONE OUTLOOKS AS THE EXPECTED CHANCE OF THE AVERAGE 3-MONTH TEMPERATURE EXCEEDING OR NOT EXCEEDING A PARTICULAR TEMPERATURE VALUE. POE AND PONE ARE PRODUCED FOR 19 PROBABILITY VALUES:

99 PERCENT	98 PERCENT	97 PERCENT	96 PERCENT
95 PERCENT	90 PERCENT	80 PERCENT	70 PERCENT
60 PERCENT	50 PERCENT	40 PERCENT	30 PERCENT
20 PERCENT	10 PERCENT	5 PERCENT	4 PERCENT
3 PERCENT	2 PERCENT	1 PERCENT	

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

MICHAEL J. BREWER
NATIONAL WEATHER SERVICE
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES
CLIMATE SERVICES DIVISION
SILVER SPRING MARYLAND
301-713-1970 EXT. 123

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

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

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