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PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 00-45
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
345 PM EDT TUE APR 25 2000

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

FROM: THERESE PIERCE
CHIEF...HYDROMETEOROLOGICAL SERVICES

SUBJECT: EXPANDED CODED CITIES FORECAST AND DIGITAL FORECAST PRODUCTS FROM
NATIONAL WEATHER SERVICE COLUMBIA SC...EFFECTIVE MAY 8 2000

ON MONDAY...MAY 8 2000...AT 400 PM EDT...THE NATIONAL WEATHER SERVICE IN
COLUMBIA SC WILL BEGIN 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 THEIR USE WITH COMPUTERS AND THE
ISSUANCE OF TIMELY UPDATES.

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 FPUS42 KCAE. THE OLD NOAA WEATHER WIRE SERVICE /NWS/
HEADER OF CAECCFAE 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 EXPANDED CODED CITIES FORECAST...

FPUS42 KCAE 100723
CCFCAE
CAE TA 055/074 038/059 038 25375
 ABB 073/048 074/050 070 0000000

THE THIRD LINE IS IDENTICAL TO THE OLD CODED CITIES FORECAST FOR DAYS 1
AND 2. 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
WILL EVENTUALLY BE REPLACED WITH PRECIPITATION PROBABILITIES FOR SEVEN
PERIODS...BUT THIS WILL NOT BE AVAILABLE INITIALLY.

DIGITAL ZONE FORECAST...

THE DIGITAL ZONE FORECAST IS A PRODUCT WHICH DISPLAYS FORECASTED WEATHER
PARAMETERS IN 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 WILL STILL BE AVAILABLE.

THE WMO HEADER FOR THIS PRODUCT WILL BE FOUS52. THE NWWS HEADER WILL BE CAERDFCAE. INITIALLY...THIS PRODUCT WILL BE EXPERIMENTAL BUT IS EXPECTED TO BECOME PERMANENT ON OR ABOUT JUNE 16 2000.

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

FOUS52 KCAE 101600
RDFCAE

DIGITAL ZONE FORECAST
NATIONAL WEATHER SERVICE COLUMBIA SC
1236 PM EDT MON APR 10 2000

GAZ040-063>065-077-SCZ018-025-030-035-036-041-110736-
AIKEN-BAMBERG-BARNWELL-BURKE-COLUMBIA-EDGEFIELD-LINCOLN-MCCORMICK-
MCDUFFIE-
ORANGEBURG-RICHMOND-
INCLUDING THE CITIES OF...AIKEN...AUGUSTA...ORANGEBURG
1236 PM EDT MON APR 10 2000

	\ TUE 04/11/00 \										WED 04/12/00 \											
EDT	15	18	21	00	03	06	09	12	15	18	21	00	03	06	09	12	15	18	21	00	03	06
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	81	70	54	59				
WIND DIR	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	8
CLOUDS	CL	CL	SC	SC	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK

	\THU 04/13/00\			FRI 04/14/00\			SAT 04/15/00						
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
RAIN SHWRS	C	C	C	C	C	C
TSTMS	C	C	C	C	S	S

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THE NATIONAL WEATHER SERVICE IN CHARLESTON WV IS ALREADY USING THE DIGITAL ZONE FORECAST. FURTHER DETAILS ON HOW TO INTERPRET THIS PRODUCT CAN BE FOUND ON THEIR INTERNET WEB SITE AT /LOWER CASE/:

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

...OR CONTACT THE COLUMBIA FORECAST OFFICE AT THE NUMBER LISTED BELOW.

IF YOU HAVE QUESTIONS OR COMMENTS ABOUT THESE PRODUCTS...PLEASE CALL 803-765-5501 FOR STEVE NAGLIC...EXT. 223 OR BERNARD PALMER...EXT. 222.

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

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

END
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