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TTAA00 KWSH 231340

PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 00-68  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
940 AM EDT FRI JUN 23 2000

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: THERESE PIERCE  
CHIEF...HYDROMETEOROLOGICAL SERVICES

SUBJECT: EXPANDED CODED CITIES FORECAST AND DIGITAL FORECAST PRODUCTS FROM  
NATIONAL WEATHER SERVICE BLACKSBURG VA...EFFECTIVE JULY 17 2000

ON MONDAY JULY 17 2000...AT 400 PM EDT...THE NATIONAL WEATHER SERVICE IN  
BLACKSBURG VIRGINIA 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. A  
SITE IN BOONE...NORTH CAROLINA /TNB/ WILL ALSO BE ADDED. THE WORLD  
METEOROLOGICAL ORGANIZATION /WMO/ HEADER WILL CONTINUE TO BE FPUS41 KRNK.  
THE OLD NOAA WEATHER WIRE SERVICE /NWS/ HEADER OF WBCCFRNK WILL ALSO  
REMAIN UNCHANGED. CUSTOMERS WILL NOT NEED TO MAKE ANY COMMUNICATION  
CHANGES TO CONTINUE RECEIVING THIS PRODUCT.

AN EXAMPLE OF THE EXPANDED CODED CITIES FORECAST FOLLOWS:

FPUS41 KRNK 052000  
CCFRNK

ROA	TA	055/074	038/059	038	25375	0000/0000/0000	
		ABB	073/048	074/050	070		0000000
LYH	TA	055/074	038/059	038	25375	0000/0000/0000	
		ABB	073/048	074/050	070		0000000
TNB	TA	055/074	038/059	038	25375	0000/0000/0000	
		ABB	073/048	074/050	070		0000000

THE THIRD LINE IS IDENTICAL TO THE OLD CODED CITIES FORECAST...EXCEPT FOR  
THE ADDITION OF THREE...FOUR-DIGIT GROUPS...EACH SEPARATED BY A SLANT  
SYMBOL. EACH FOUR DIGIT GROUP REPRESENTS A SNOWFALL RANGE FOR THE  
FIRST...SECOND AND THIRD PERIODS RESPECTIVELY. SO FOR EXAMPLE...A CODE OF  
0001/0306/0204 REPRESENTS A FORECAST OF 0-1 INCHES OF SNOW IN THE FIRST 12

HOURS...3-6 INCHES IN THE SECOND 12 HOUR PERIOD AND 2-4 INCHES IN THE THIRD 12 HOUR PERIOD.

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 MAY 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 WBCRDFRNK.

THE FOLLOWING IS AN EXAMPLE OF THE DIGITAL ZONE FORECAST:

FOUS52 KRNK 101636  
RDFRNK

DIGITAL ZONE FORECAST  
NATIONAL WEATHER SERVICE BLACKSBURG VA  
1236 PM EDT MON APR 10 2000

VAZ012>017-112300-  
CARROLL-FLOYD-GRAYSON-MONTGOMERY-PULASKI-WYTHE  
INCLUDING THE CITIES OF...GALAX AND RADFORD  
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								10			20
QPF 12HR						0					0								0			
MAX QPF						0					0								0			
SNOW 12HR						00-00					00-00								00-00			
MN/MX						49					77								54			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	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	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	15	21	03	09

POP 12HR	40		40		40		40		30		30						
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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 WEBSITE AT /USE LOWER CASE/:

[WWW.NWS.NOAA.GOV/ER/RLX/PRODEX/RDFEXPLANATION.HTML](http://WWW.NWS.NOAA.GOV/ER/RLX/PRODEX/RDFEXPLANATION.HTML)

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

IF YOU HAVE QUESTIONS OR COMMENTS ABOUT THESE PRODUCTS...PLEASE CALL MICHAEL EMLAW OR STEVE KEIGHTON AT 540-552-0590.

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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