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NATIONAL TECHNICAL IMPLEMENTATION MESSAGE 97-23...UPDATED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1130 AM EDT FRI JUL 18 1997

TO: NATIONAL WEATHER SERVICE /NWS/ EMPLOYEES
DIFAX CUSTOMERS
NOAA WEATHER WIRE SERVICE /NWWS/ SUBSCRIBERS
FAMILY OF SERVICES /FOS/ SUBSCRIBERS
OTHER NWS CUSTOMERS WHO RECEIVE NWS GRAPHIC PRODUCTS

FROM: THERESE PIERCE
CHIEF... HYDROMETEOROLOGICAL SERVICES

SUBJECT: UPDATED: MEDIUM RANGE TEMPERATURE AND PRECIPITATION PROBABILITY
FORECASTS...PREPARED BY THE NWS HYDROMETEOROLOGICAL PREDICTION CENTER
/HPC/

...UPDATED FOR ADDITIONAL CITIES...

THE ORIGINAL NATIONAL IMPLEMENTATION MESSAGE NUMBER 97-23 DATED JUNE 20
1997 ANNOUNCING THE IMPLEMENTATION OF THE CORRECTED VERSION OF MEDIUM
RANGE TEMPERATURE AND PRECIPITATION PROBABILITY FORECASTS...IS AMENDED TO
ADD ELEVEN NEW STATIONS TO THE PRODUCTS...EFFECTIVE IMMEDIATELY.

THE MEDIUM RANGE TEMPERATURE AND PROBABILITY OF PRECIPITATION FORECASTS
PREPARED FOR DAYS THREE...FOUR AND FIVE...APPEAR ON AUTOMATION OF FIELD
OPERATIONS AND SERVICES /AFOS/ UNDER THE PRODUCT IDENTIFICATION LISTS
/PILS/ 93P... 94P AND 95P... RESPECTIVELY. THE DIFAX SLOT NUMBERS ARE
D247...PART1/POPS...DAY 3/ AND D162...PART 2/DAY 4...DAY 5/. THESE CHARTS
NOW DEPICT THE VALUES AND ANOMALIES OF MAXIMUM AND MINIMUM TEMPERATURE AND
24-HOUR PROBABILITY OF PRECIPITATION AT APPROXIMATELY 142 STATIONS OVER
THE 48 CONTIGUOUS STATES. HPC FORECASTERS PREPARE FORECASTS FOR 58 CITIES
AND FOR THE OTHER LOCATIONS...FORECASTS ARE GENERATED BY INTERPOLATING THE
CORRECTIONS TO MOS FROM NEIGHBORING STATIONS TO THE MOS AND CLIMATOLOGY OF
THE STATIONS.

THE FOLLOWING ARE THE 11 NEW STATIONS THAT HAVE BEEN ADDED:

...STATION...	...ID...	AFOS ...ZOOM STATION APPEARS...
WILMINGTON NC	ILM	9:1
LAKE CHARLES LA	LCH	9:1
MACON GA	MCN	16:1
ORLANDO FL	MCO	9:1
MASON IA	MCW	9:1
MONTGOMERY AL	MGM	4:1
PALM BEACH FL	PBI	9:1
SAVANNAH GA	SAV	9:1
SPRINGFIELD IL	SPI	9:1
TRUTH OR CONSEQUENCES NM	TCS	9:1

BRISTOL TN

TRI

9:1

FOR FURTHER INFORMATION...CONTACT:

ACTING CHIEF...FORECAST OPERATIONS BRANCH
WASHINGTON DC
301-763-8000 EXTENSION 7317 OR 7300

NATIONAL TECHNICAL IMPLEMENTATION MESSAGES ARE ONLINE AT /USE LOWER CASE/:

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

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NATIONAL TECHNICAL IMPLEMENTATION MESSAGE 97-23
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1130 AM EDT FRI JUN 20 1997

TO: NATIONAL WEATHER SERVICE /NWS/ EMPLOYEES
DIFAX CUSTOMERS
NOAA WEATHER WIRE SERVICE /NWWS/ SUBSCRIBERS
FAMILY OF SERVICES /FOS/ SUBSCRIBERS
OTHER NWS CUSTOMERS WHO RECEIVE NWS GRAPHIC PRODUCTS

FROM: THERESE PIERCE
CHIEF... HYDROMETEOROLOGICAL SERVICES

SUBJECT: CORRECTED VERSION OF MEDIUM RANGE TEMPERATURE AND PRECIPITATION
PROBABILITY FORECASTS...PREPARED BY THE NWS HYDROMETEOROLOGICAL PREDICTION
CENTER /HPC/...IMPLEMENTED JUNE 12 1997

ON THURSDAY... JUNE 12 1997... THE IMPLEMENTATION OF THE NATIONAL WEATHER
SERVICE HYDROMETEOROLOGICAL PREDICTION CENTER/S CORRECTED VERSION OF THE
MEDIUM RANGE TEMPERATURE AND PRECIPITATION PROBABILITY FORECASTS BECAME
EFFECTIVE.

THE MEDIUM RANGE TEMPERATURE AND PROBABILITY OF PRECIPITATION FORECASTS
FOR DAYS THREE...FOUR AND FIVE APPEAR ON AUTOMATION OF FIELD OPERATIONS
AND SERVICES /AFOS/ UNDER THE PRODUCT IDENTIFICATION LISTS /PILS/ 93P...
94P... AND 95P... RESPECTIVELY. THE DIFAX SLOT NUMBERS ARE D247...PART 1
/POPS...DAY 3/ AND D162... PART 2 /DAY 4... DAY 5/. THESE CHARTS DEPICT
THE VALUES AND ANOMALIES OF MAXIMUM AND MINIMUM TEMPERATURE AND 24-HOUR
PROBABILITY OF PRECIPITATION AT APPROXIMATELY 110 STATIONS OVER THE 48
CONTIGUOUS STATES.

DURING THE TRANSITION FROM THE HDS 9000 TO THE CRAY COMPUTER... SEVERAL
ERRORS WERE INTRODUCED INTO THIS PRODUCT. HPC FORECASTERS PREPARE
FORECASTS FOR 58 CITIES. FOR THE OTHER LOCATIONS... FORECASTS ARE
GENERATED BY INTERPOLATING THE CORRECTIONS TO MODEL OUTPUT STATISTICS

/MOS/ FROM NEIGHBORING STATIONS TO THE MOS AND CLIMATOLOGY OF THE STATIONS. DURING THE TRANSITION... THIS INTERPOLATION PROCESS WAS INITIALLY INCORRECTLY IMPLEMENTED...RESULTING IN ERRONEOUS FORECASTS AT THOSE STATIONS WHERE FORECASTS ARE INTERPOLATED. IN ADDITION... SEVEN STATIONS WERE DROPPED FROM THIS DISPLAY DUE TO TECHNICAL LIMITATIONS AND TIME CONSTRAINTS.

NCEP PROGRAMMERS HAVE SINCE RECTIFIED THESE PROBLEMS. ALL STATIONS DEPICTED ON THE PRODUCT PRIOR TO THE CONVERSION ARE NOW AVAILABLE AND THE INTERPOLATION ALGORITHM HAS BEEN CORRECTED.

IN ADDITION... THE FOLLOWING 19 NEW STATIONS HAVE BEEN ADDED:

...STATION...	...ID...	...AFOS ZOOM STATION APPEARS...
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SACRAMENTO CA	SAC	16:1
KEY WEST FL	EYW	4:1
WICHITA KS	ICT	16:1
COVINGTON/CIN KY	CVG	16:1
ALPENA MI	APN	9:1
GLASGOW MT	GGW	9:1
GREAT FALLS MT	GTF	16:1
HELENA MT	HLN	9:1
SYRACUSE NY	SYR	16:1
ASHVILLE NC	AVL	16:1
FARGO ND	FAR	9:1
DAYTON OH	DAY	16:1
TULSA OK	TUL	9:1
COLUMBIA SC	CAE	16:1
SIOUX FALLS SD	FSD	16:1
AUSTIN TX	AUS	9:1
LUBBOCK TX	LBB	16:1
CEDAR CITY UT	CDC /REPLACES 4BL/	4:1
MILWAUKEE WI	MKE	9:1

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