

NOUS41 KWBC 102020  
PNSWSH

PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 03-38  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
420 PM EDT THU JUL 10 2003

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: GLENN AUSTIN  
ACTING CHIEF...FIRE AND PUBLIC WEATHER SERVICES BRANCH

SUBJECT: NEW AREA AND POINT FORECAST MATRICES PRODUCTS FROM WEATHER  
FORECAST OFFICES: EFFECTIVE OCTOBER 1 2003

BEGINNING ON WEDNESDAY...OCTOBER 1 2003...AT 1800 COORDINATED UNIVERSAL  
TIME /UTC/...THE NATIONAL WEATHER SERVICE /NWS/ WEATHER FORECAST OFFICES  
/WFOS/ WILL BEGIN A PHASED IMPLEMENTATION OF TWO NEW PRODUCTS...POINT AND  
AREA FORECAST MATRICES. THE PERIOD OF IMPLEMENTATION WILL CONTINUE  
THROUGH DECEMBER 31 2003...AT WHICH TIME ALL WFOS IN THE CONTIGUOUS UNITED  
STATES /CONUS/ WILL BE ISSUING THE POINT FORECAST MATRICES /PFM/. THE  
AREA FORECAST MATRICES /AFM/ WILL BE AN OPTIONAL PRODUCT. AS SOFTWARE  
BECOMES AVAILABLE...OUTSIDE THE CONUS /OCONUS/ WFOS WILL ALSO BEGIN  
ISSUING THESE NEW PRODUCTS IN THE SAME MANNER AS CONUS WFOS.

THE AFM DISPLAYS VARIOUS FORECASTED WEATHER PARAMETERS FOR FORECAST AREAS  
SPECIFIED IN THE NWS ZONE FORECAST PRODUCT /ZFP/ AND REPLACES THE  
EXPERIMENTAL REVISED DIGITAL FORECASTS /RDF/...CURRENTLY DISSEMINATED FROM  
MANY WFOS. THE PFM DISPLAYS VARIOUS FORECASTED WEATHER PARAMETERS FOR  
PRE-DEFINED CITIES AND CLIMATOLOGICALLY SIGNIFICANT POINTS WITHIN A WFO/S  
GEOGRAPHIC AREA OF RESPONSIBILITY.

THESE ALPHANUMERIC TABULAR FORMAT PRODUCTS DISPLAY VARIOUS FORECAST  
WEATHER PARAMETERS AT 3-HOUR...6-HOUR AND/OR 12-HOUR INTERVALS THROUGH  
SEVEN DAYS. INFORMATION IN THESE PRODUCTS IS PROVIDED TO CUSTOMERS AND  
PARTNERS AS SUPPLEMENTAL DETAIL AND/OR HIGHER RESOLUTION DETAIL THAN CAN  
BE FOUND IN OTHER STANDARD NWS PRODUCTS. THE AFM AND PFM ALLOW FOR RAPID  
VISUAL SCANNING OF A LARGE NUMBER OF FORECAST PARAMETERS. THE FORECAST  
DATA IS ALSO IN A FORMAT SUITABLE FOR AUTOMATED COMPUTER RETRIEVAL.

CUSTOMERS WHO WISH TO RECEIVE THESE PRODUCTS SHOULD ADD THE COMMUNICATIONS  
IDENTIFIERS IN TABLE 1 TO THEIR APPROPRIATE DATABASES. SINCE THE AFM AND  
PFM SHARE A COMMON WORLD METEOROLOGICAL ORGANIZATION /WMO/  
HEADING...CUSTOMERS MUST ALSO KEY IN ON THE ADVANCED WEATHER INTERACTIVE  
PROCESSING SYSTEM /AWIPS/ ID IN ORDER TO RETRIEVE BOTH THE AFM AND PFM  
PRODUCTS DISSEMINATED BY A PARTICULAR WFO.

TABLE 1: LIST OF NEW PRODUCTS ASSOCIATED WITH THIS SERVICE CHANGE

NWS EASTERN REGION AREA/POINT FORECAST MATRICES:		
ISSUING OFFICE	WMO HEADING	AWIPS IDS
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WFO ALBANY NY	FOUS51 KALY	AFMALY / PFMALY
WFO BINGHAMTON NY	FOUS51 KBGM	AFMBGM / PFMBGM
WFO BURLINGTON VT	FOUS51 KBTV	AFMBTV / PFMBTV
WFO BOSTON/TAUNTON MA	FOUS51 KBOX	AFMBOX / PFMBOX
WFO BUFFALO NY	FOUS51 KBUF	AFMBUF / PFMBUF
WFO COLUMBIA SC	FOUS52 KCAE	AFMCAE / PFMCAE
WFO CHARLESTON SC	FOUS52 KCHS	AFMCHS / PFMCHS
WFO GREER SC	FOUS52 KGSP	AFMGSP / PFMGSP
WFO CLEVELAND OH	FOUS51 KCLE	AFMCLE / PFMCLE
WFO WILMINGTON OH	FOUS51 KILN	AFMILN / PFMILN
WFO CHARLESTON WV	FOUS51 KRLX	AFMRLX / PFMRLX
WFO UPTON/NEW YORK NY	FOUS51 KOKX	AFMOKX / PFMOKX
WFO STATE COLLEGE PA	FOUS51 KCTP	AFMCTP / PFMCTP
WFO PHILADELPHIA PA/MT. HOLLY NJ	FOUS51 KPHI	AFMPHI / PFMPHI
WFO PITTSBURGH PA	FOUS51 KPBZ	AFMPBZ / PFMPBZ
WFO CARIBOU ME	FOUS51 KCAR	AFMCAR / PFMCAR
WFO GRAY/PORTLAND ME	FOUS51 KGYX	AFMGYX / PFMGYX
WFO WILMINGTON NC	FOUS52 KILM	AFMILM / PFMILM
WFO NEWPORT/MOREHEAD CITY NC	FOUS52 KMHX	AFMMHX / PFMMHX
WFO RALEIGH NC	FOUS52 KRAH	AFMRAH / PFMRAH
WFO WAKEFIELD VA	FOUS51 KAKQ	AFMAKQ / PFMAKQ
WFO STERLING VA	FOUS51 KLWX	AFMLWX / PFMLWX
WFO ROANOKE/BLACKSBURG VA	FOUS51 KRNK	AFMRNK / PFMRNK
NWS CENTRAL REGION AREA/POINT FORECAST MATRICES:		
WFO GAYLORD MI	FOUS53 KAPX	AFMAPX / PFMAPX
WFO DETROIT/WHITE LAKE MI	FOUS53 KDTX	AFMDTX / PFMDTX
WFO GRAND RAPIDS MI	FOUS53 KGRR	AFMGRR / PFMGRR
WFO MARQUETTE MI	FOUS53 KMQT	AFMMQT / PFMMQT
WFO BISMARCK ND	FOUS53 KBIS	AFMBIS / PFMBIS
WFO EASTERN ND/GRAND FORKS	FOUS53 KFGF	AFMFGF / PFMFGF
WFO CHICAGO IL	FOUS53 KLOT	AFMLOT / PFMLOT
WFO QUAD CITIES/DAVENPORT IA	FOUS53 KDVN	AFMDVN / PFMDVN
WFO LINCOLN IL	FOUS53 KILX	AFMILX / PFMILX
WFO CHEYENNE WY	FOUS55 KCYS	AFMCYS / PFMCYS
WFO RIVERTON WY	FOUS55 KRIW	AFMRIW / PFMRIW
WFO BOULDER/DENVER CO	FOUS55 KBOU	AFMBOU / PFMBOU
WFO GRAND JUNCTION CO	FOUS55 KGJT	AFMGJT / PFMGJT
WFO PUEBLO CO	FOUS55 KPUB	AFMPUB / PFMPUB
WFO DES MOINES IA	FOUS53 KDMX	AFMDMX / PFMDMX
WFO ABERDEEN SD	FOUS53 KABR	AFMABR / PFMABR
WFO SIOUX FALLS SD	FOUS53 KFSD	AFMFSD / PFMFSD
WFO RAPID CITY SD	FOUS53 KUNR	AFMUNR / PFMUNR
WFO NORTHERN INDIANA	FOUS53 KIWX	AFMIWX / PFMIWX
WFO INDIANAPOLIS IN	FOUS53 KIND	AFMIND / PFMIND
WFO LACROSSE WI	FOUS53 KARX	AFMARX / PFMARX
WFO GREEN BAY WI	FOUS53 KGRB	AFMGRB / PFMGRB
WFO MILWAUKEE/SULLIVAN WI	FOUS53 KMKX	AFMMKX / PFMMKX
WFO DULUTH MN	FOUS53 KDLH	AFMDLH / PFMDLH

ISSUING OFFICE -----	WMO HEADING -----	AWIPS IDS -----
WFO MINNEAPOLIS/ST. PAUL MN	FOUS53 KMPX	AFMMPX / PFMMPX
WFO HASTINGS NE	FOUS53 KGID	AFMGID / PFMGID
WFO NORTH PLATTE NE	FOUS53 KLBF	AFMLBF / PFMLBF
WFO OMAHA NE	FOUS53 KOAX	AFMOAX / PFMOAX
WFO JACKSON KY	FOUS53 KJKL	AFMJKL / PFMJKL
WFO LOUISVILLE KY	FOUS53 KLMK	AFMLMK / PFMLMK
WFO PADUCAH KY	FOUS53 KPAH	AFMPAH / PFMPAH
WFO KANSAS CITY/PLEASANT HILL MO	FOUS53 KEAX	AFMEAX / PFMEAX
WFO SAINT LOUIS MO	FOUS53 KLSX	AFMLSX / PFMLSX
WFO SPRINGFIELD MO	FOUS53 KSGF	AFMSGF / PFMSGF
WFO DODGE CITY KS	FOUS53 KDDC	AFMDDC / PFMDDC
WFO GOODLAND KS	FOUS53 KGLD	AFMGLD / PFMGLD
WFO WICHITA KS	FOUS53 KICT	AFMICT / PFMICT
WFO TOPEKA KS	FOUS53 KTOP	AFMTOP / PFMTOP

NWS SOUTHERN REGION AREA/POINT FORECAST MATRICES:

WFO ALBUQUERQUE NM	FOUS55 KABQ	AFMABQ / PFMABQ
WFO ATLANTA/PEACHTREE CITY GA	FOUS52 KFFC	AFMFFC / PFMFFC
WFO BIRMINGHAM AL	FOUS54 KBMX	AFMBMX / PFMBMX
WFO MOBILE AL	FOUS54 KMOB	AFMMOB / PFMMOB
WFO DALLAS/FORT WORTH TX	FOUS54 KFWD	AFMFWD / PFMFWD
WFO JACKSON MS	FOUS54 KJAN	AFMJAN / PFMJAN
WFO AMARILLO TX	FOUS54 KAMA	AFMAMA / PFMAMA
WFO EL PASO TX	FOUS54 KEPZ	AFMEPZ / PFMEPZ
WFO LUBBOCK TX	FOUS54 KLUB	AFMLUB / PFMLUB
WFO MIDLAND TX	FOUS54 KMAF	AFMMAF / PFMMAF
WFO SAN ANGELO TX	FOUS54 KSJT	AFMSJT / PFMSJT
WFO LITTLE ROCK AR	FOUS54 KLZK	AFMLZK / PFMLZK
WFO NASHVILLE TN	FOUS54 KOHX	AFMOHX / PFMOHX
WFO MEMPHIS TN	FOUS54 KMEG	AFMMEG / PFMMEG
WFO MORRISTOWN/KNOXVILLE TN	FOUS54 KMRX	AFMMRX / PFMMRX
WFO KEY WEST FL	FOUS52 KEYW	AFMEYW / PFMEYW
WFO JACKSONVILLE FL	FOUS52 KJAX	AFMJAX / PFMJAX
WFO MIAMI FL	FOUS52 KMFL	AFMMFL / PFMMFL
WFO MELBOURNE FL	FOUS52 KMLB	AFMMLB / PFMMLB
WFO TAMPA/RUSKIN FL	FOUS52 KTBW	AFMTBW / PFMTBW
WFO TALLAHASSEE FL	FOUS52 KTAE	AFMTAE / PFMTAE
WFO LAKE CHARLES LA	FOUS54 KLCH	AFMLCH / PFMLCH
WFO NEW ORLEANS/SLIDELL LA	FOUS54 KLIJ	AFMLIJ / PFMLIJ
WFO SHREVEPORT LA	FOUS54 KSHV	AFMSHV / PFMSHV
WFO NORMAN/OKLAHOMA CITY OK	FOUS54 KOUN	AFMOUN / PFMOUN
WFO TULSA OK	FOUS54 KTSA	AFMTSA / PFMTSA
WFO BROWNSVILLE TX	FOUS54 KBRO	AFMBRO / PFMBRO
WFO CORPUS CHRISTI TX	FOUS54 KCRP	AFMCRP / PFMCRP
WFO HOUSTON/GLAVESTON TX	FOUS54 KHGX	AFMHGX / PFMHGX
WFO AUSTIN/SAN ANTONIO TX	FOUS54 KEWX	AFMEWX / PFMEWX
WFO SAN JUAN PR	FOCA52 TJSJ	AFMSJU / PFMSJU
WFO SAN JUAN PR /SPANISH/	FOCA82 TJSJ	AFMSPN / PFMSPN

NWS WESTERN REGION AREA/POINT FORECAST MATRICES:

ISSUING OFFICE	WMO HEADING	AWIPS IDS
WFO BOISE ID	FOUS55 KBOI	AFMBOI / PFMBOI
WFO POCATELLO ID	FOUS55 KPIH	AFMPIH / PFMPIH
WFO BILLINGS MT	FOUS55 KBYZ	AFMBYZ / AFMBYZ
WFO GLASGOW MT	FOUS55 KGGW	AFMGGW / PFMGGW
WFO MISSOULA MT	FOUS55 KMSO	AFMMSO / PFMMSO
WFO GREAT FALLS MT	FOUS55 KTFX	AFMTFX / PFMTFX
WFO OXNARD/LOS ANGELES CA	FOUS56 KLOX	AFMLOX / PFMLOX
WFO SAN DIEGO CA	FOUS56 KSGX	AFMSGX / PFMSGX
WFO MEDFORD OR	FOUS56 KMFR	AFMMFR / PFMMFR
WFO PENDLETON OR	FOUS56 KPDT	AFMPDT / PFMPDT
WFO PORTLAND OR	FOUS56 KPQR	AFMPQR / PFMPQR
WFO FLAGSTAFF AZ	FOUS55 KFGZ	AFMFGZ / PFMFGZ
WFO PHOENIX AZ	FOUS55 KPSR	AFMPSR / PFMPSR
WFO TUCSON AZ	FOUS55 KTCW	AFMTCW / PFMTWC
WFO ELKO NV	FOUS55 KLKN	AFMLKN / PFMLKN
WFO RENO NV	FOUS55 KREV	AFMREV / PFMREV
WFO LAS VEGAS NV	FOUS55 KVEF	AFMVEF / PFMVEF
WFO SPOKANE WA	FOUS56 KOTX	AFMOTX / PFMOTX
WFO SEATTLE WA	FOUS56 KSEW	AFMSEW / PFMSEW
WFO EUREKA CA	FOUS56 KEKA	AFMEKA / PFMEKA
WFO HANFORD CA	FOUS56 KHNX	AFMHNX / PFMHNX
WFO MONTEREY/SAN FRANCISCO CA	FOUS56 KMTR	AFMMTR / PFMTR
WFO SACRAMENTO CA	FOUS56 KSTO	AFMSTO / PFMSTO
WFO SALT LAKE CITY UT	FOUS55 KSLC	AFMSLC / PFMSLC

NWS PACIFIC REGION AREA/POINT FORECAST MATRICES:

WFO GUAM	FOMY50 PGUM	AFMMY / PFMMY
	FOPQ50 PGUM	AMFPQ / PFMPQ
WFO HONOLULU HI	FOHW50 PHFO	AFMHI / PFMHI
WSO PAGO PAGO AS	FOZS50 NSTU	AFMPPG / PFMPGG

NWS ALASKA REGION AREA/POINT FORECAST MATRICES:

WFO ANCHORAGE AK	FOAK51 PAFC	AFMAER / PFMAER
	FOAK52 PAFC	AFMALU / PFMALU
WFO FAIRBANKS AK	FOAK53 PAFG	AFMAFG / PFMAFG
	FOAK52 PAFG	AFMWCZ / PFMWCZ
	FOAK51 PAFG	AFMNSB / PFMNSB
WFO JUNEAU AK	FOAK57 PAJK	AFMAJK / PFMAJK

WEB LINKS PROVIDING REALTIME EXAMPLES OF THE AREA AND POINT FORECAST MATRICES PRODUCTS ARE ON THE INTERNET AT /USE LOWER CASE/:

[HTTP://WWW.CRH.NOAA.GOV/LSX/DIGI.TXT.HTM](http://www.crh.noaa.gov/lsx/digi.txt.htm)  
[HTTP://WWW.SRH.NOAA.GOV/LUB/PFM.HTM](http://www.srh.noaa.gov/lub/pfm.htm)  
[HTTP://WWW.WRH.NOAA.GOV/POCATELLO/RDS DATA/INDEX.SHTML](http://www.wrh.noaa.gov/pocatelldata/index.shtml)

DETAILS ON HOW TO INTERPRET THESE PRODUCTS CAN BE FOUND IN NWS INSTRUCTION 10-503 LOCATED ON THE NATIONAL WEATHER SERVICE DIRECTIVES INTERNET WEB SITE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/DIRECTIVES/010/PD01005003A.PDF](http://www.nws.noaa.gov/directives/010/PD01005003A.pdf)

IF YOU HAVE QUESTIONS OR COMMENTS REGARDING THESE PRODUCTS...PLEASE  
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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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