

NOUS41 KWBC 041420
PNSWSH

PUBLIC INFORMATION STATEMENT...COMMENT REQUEST
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1020 AM EDT MON OCT 4 2004

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: PAUL HIRSCHBERG
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: SOLICITING PUBLIC COMMENTS BY NOVEMBER 5 2004 ON REMOVAL OF NGM-
BASED TRAJECTORY MODEL AND ASSOCIATED PRODUCTS

NWS IS SOLICITING COMMENTS BY NOVEMBER 5 2004 ON PLANS TO REMOVE THE
NESTED GRID MODEL /NGM/-BASED TRAJECTORY MODEL AND ASSOCIATED PRODUCTS
FROM THE NWS PRODUCTION STREAM.

BACKGROUND:

THE NWS METEOROLOGICAL DEVELOPMENT LABORATORY /MDL/ IS RESPONSIBLE FOR THE
OPERATION AND MAINTENANCE OF A TRAJECTORY MODEL. THIS MODEL PREDICTS THE
TRAJECTORY OF AIR PARCELS BASED ON THE 3-DIMENSIONAL /3-D/ WIND FIELD OF
THE NGM. THE PRODUCTS GENERATED WITHIN THIS MODEL ARE LISTED BELOW. THE
NWS IS MAKING CHANGES TO THE OPERATIONAL COMPUTING ENVIRONMENT AS WELL AS
THE TELECOMMUNICATIONS GATEWAY. WITHOUT SIGNIFICANT MODIFICATIONS...THE
CURRENT TRAJECTORY-BASED PRODUCTS CANNOT BE PRODUCED. THE NWS HAS NOT
RECEIVED FEEDBACK FROM THE FORECAST COMMUNITY INDICATING THEY ARE USING
THE CURRENT TRAJECTORY MODEL PRODUCTS. WITHOUT SUCH A REQUIREMENT...MDL
LACKS ADEQUATE RESOURCES TO UPGRADE THE CURRENT PRODUCTS.

PROPOSED CHANGE:

PENDING THE RESULTS OF THIS REQUEST FOR COMMENT...ON TUESDAY JANUARY 11
2005...NWS WILL REMOVE THE NGM-BASED TRAJECTORY MODEL AND ALL OF THE
ASSOCIATED PRODUCTS LISTED BELOW FROM THE NWS PRODUCTION STREAM.

THE FOLLOWING PRODUCTS WOULD BE REMOVED:

PRODUCT	WMO HEADER	AWIPS ID
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NGM-BASED TRAJECTORY MODEL TEXT PRODUCTS	FOUS50 KWNO	NMCFTJ50
	FOUS51 KWNO	NMCFTJ51
	FOUS52 KWNO	NMCFTJ52
	FOUS53 KWNO	NMCFTJ53
	FOUS54 KWNO	NMCFTJ54
	FOUS55 KWNO	NMCFTJ55
	FOUS56 KWNO	NMCFTJ56
	FOUS57 KWNO	NMCFTJ57

NGM-BASED THUNDERSTORM PROBABILITIES FOR ALASKA YDTF98 KWBC
YDTD98 KWBC
YDTH98 KWBC

TRAJECTORY-MODEL-BASED REDBOOK GRAPHICS	PMNE98 KWNO
24-HOUR SURFACE TRAJECTORIES	PMNE70 KWNO
24-HOUR 700 MB TRAJECTORIES	PMNE85 KWNO
24-HOUR 850 MB TRAJECTORIES	PJME04 KWNO
24-HOUR SURFACE DEWPOINT TEMPERATURE	PJME05 KWNO
24-HOUR 850 MB TEMPERATURE	PJME06 KWNO
24-HOUR 700 MB DEWPOINT TEMPERATURE	PJME07 KWNO
12-24-HOUR 700 MB NET VERTICAL DISPLACEMENT	PJMG07 KWNO
24-36-HOUR 700 MB NET VERTICAL DISPLACEMENT	PJMI07 KWNO
36-48-HOUR 700 MB NET VERTICAL DISPLACEMENT	PJME08 KWNO
24-HOUR K-INDEX	PJME44 KWNO
6-24-HOUR THUNDERSTORM PROBABILITY	PJME45 KWNO
6-24-HOUR SEVERE WEATHER PROBABILITY	PJMI44 KWNO
24-48-HOUR THUNDERSTORM PROBABILITY	PJMI45 KWNO
24-48-HOUR SEVERE WEATHER PROBABILITY	PJMG44 KWNO
12-36-HOUR THUNDERSTORM PROBABILITY	PJMG45 KWNO
12-36-HOUR SEVERE WEATHER PROBABILITY	PJMJ44 KWNO
36-60-HOUR THUNDERSTORM PROBABILITY	PJMJ45 KWNO
36-60-HOUR SEVERE WEATHER PROBABILITY	PJMJ45 KWNO

IN ADDITION...THE FOLLOWING DIRECTORIES AND THEIR CONTENTS WILL BE REMOVED FROM THE NWS FTP SERVER...TGFTP.NWS.NOAA.GOV AT /USE LOWER CASE/:

[FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/DF.GR1/DC.TRAJ/](ftp://TGFTP.NWS.NOAA.GOV/SL.US008001/DF.GR1/DC.TRAJ/)
[FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/DF.ANF/DC.TRAJ/](ftp://TGFTP.NWS.NOAA.GOV/SL.US008001/DF.ANF/DC.TRAJ/)

PLEASE SEND COMMENTS ON THIS PROPOSAL TO:

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NATIONAL PUBLIC INFORMATION STATEMENTS ARE ONLINE AT /USE LOWER CASE/:

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

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