NOUS41 KWBC 281840
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-58
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
240 PM EDT MON AUG 28 2006

TO: NATIONAL WEATHER SERVICE /NWS/ OFFICES
FEDERAL AVIATION ADMINISTRATION /FAA/ CUSTOMERS
FAMILY OF SERVICES /FOS/ SUBSCRIBERS
OTHER CUSTOMERS OF NWS AVIATION FORECASTS

FROM: KEVIN L. JOHNSTON
CHIEF...AVIATION SERVICES BRANCH

SUBJECT: NEW CIP ICING SEVERITY: EFFECTIVE DECEMBER 6 2006

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE SERVICE SUBSCRIBERS.

EFFECTIVE DECEMBER 6 2006 AT 1300 COORDINATED UNIVERSAL TIME /UTC/...THE NWS AVIATION WEATHER CENTER /AWC/ IN KANSAS CITY MISSOURI WILL IMPLEMENT THE NEW CIP ICING SEVERITY /CIP-SEV/ ALGORITHM.

THE CIP-SEV IS AN AUTOMATICALLY GENERATED DIAGNOSTIC INDEX OF ICING SEVERITY PRODUCED HOURLY OVER A DOMAIN SPANNING THE CONTIGUOUS 48 UNITED STATES /CONUS/ AND ADJACENT COASTAL WATERS. THE CIP-SEV IS GENERATED AT 1000 FOOT INCREMENTS BETWEEN 1000 AND 30000 FEET ABOVE MEAN SEA LEVEL. THE CIP-SEV OUTPUT FORMAT IS GRIDDED BINARY /GRIB/.

THE CIP-SEV OUTPUT MAY BE VIEWED AT /USE LOWER CASE/:

HTTP://ADDS.AVIATIONWEATHER.GOV/ICING/

THE NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/ COMMUNICATION HEADERS CONTAINING CIP-SEV GRIB MESSAGES ARE AS FOLLOWS:

FLIGHT LEVEL	CIP-SEV WMO HEADER
010	YLXA93 KKCI
020	YLXA95 KKCI
030	YLXA90 KKCI
040	YLXA84 KKCI
050	YLXA85 KKCI
060	YLXA81 KKCI
070	YLXA78 KKCI
080	YLXA75 KKCI
090	YLXA73 KKCI
100	YLXA70 KKCI
110	YLXA67 KKCI
120	YLXA65 KKCI
130	YLXA62 KKCI
140	YLXA60 KKCI
150	YLXA57 KKCI

FLIGHT LEVEL	CIP-SEV WMO HEADER
160	YLXA55 KKCI
170	YLXA53 KKCI
180	YLXA50 KKCI
190	YLXA48 KKCI
200	YLXA46 KKCI
210	YLXA45 KKCI
220	YLXA43 KKCI
230	YLXA41 KKCI
240	YLXA39 KKCI
250	YLXA38 KKCI
260	YLXA36 KKCI
270	YLXA34 KKCI
280	YLXA33 KKCI
290	YLXA32 KKCI
300	YLXA30 KKCI

THE CIP-SEV PRODUCTS WILL BE AVAILABLE IN GRIB FORMAT ON:

- THE SATELLITE BROADCAST NETWORK /SBN/ NOAAPORT CHANNEL
- NWS FILE TRANSFER PROTOCOL /FTP/ SERVERS AT /USE LOWER CASE EXCEPT SL AND DC MUST BE UPPER CASE/:

FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/DC.AVSPT/

- THE FAMILY OF SERVICES /FOS/ HIGH RESOLUTION DATA SERVICE AND SERVER ACCESS SERVICE.

THE CIP-SEV PRODUCT DESCRIPTION DOCUMENT IS AVAILABLE AT /USE LOWER CASE/:

HTTP://PRODUCTS.WEATHER.GOV/

IF YOU HAVE ANY QUESTIONS REGARDING THIS PRODUCT...CONTACT:

CLINTON WALLACE
CHIEF...AVIATION SUPPORT BRANCH
AVIATION WEATHER CENTER
KANSAS CITY MISSOURI
PHONE: 816-584-7248
EMAIL: CLINTON.WALLACE@NOAA.GOV

ADDITIONAL INFORMATION ON NWS AVIATION PRODUCT DISSEMINATION IS AVAILABLE AT /USE LOWER CASE/:

HTTP://WEATHER.GOV/OM/DISEMSYS.SHTML

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

HTTPS://WWW.WEATHER.GOV/NOTIFICATIONS/ARCHIVE

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