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TECHNICAL IMPLEMENTATION NOTICE 05-54  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
140 PM EDT WED JUL 13 2005

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS  
FEDERAL AVIATION ADMINISTRATION /FAA/ CUSTOMERS  
OTHER CUSTOMERS OF NWS AVIATION FORECASTS  
NWS EMPLOYEES

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

SUBJECT: CHANGES IN FOR USE TIMES ON WIND AND TEMPERATURE ALOFT FORECAST  
BULLETINS: EFFECTIVE SEPTEMBER 27 2005

EFFECTIVE TUESDAY...SEPTEMBER 27 2005 AT 1200 COORDINATED UNIVERSAL TIME  
/UTC/Z//...THE FOR USE TIMES SPECIFIED IN THE UPPER WINDS AND TEMPERATURES  
ALOFT 6- AND 12-HOUR FORECAST BULLETINS WILL BE CHANGED TO COVER THE GAP  
BETWEEN THE ISSUANCE TIME OF THE BULLETINS AND THE STARTING TIME OF THE  
INITIAL FOR USE PERIOD. THE VALID TIMES OF THESE BULLETINS WILL NOT BE  
CHANGED. THERE WILL BE NO CHANGES TO THE UPPER WINDS AND TEMPERATURES  
ALOFT 24-HOUR FORECAST BULLETINS.

THE UPPER WINDS AND TEMPERATURES ALOFT BULLETINS ARE CURRENTLY GENERATED  
AT THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION AND ISSUED FOUR TIMES  
DAILY...APPROXIMATELY ONE AND ONE HALF TO TWO HOURS PAST THE SYNOPTIC  
TIMES OF 0000Z...0600Z...1200Z AND 1800Z.

TABLE 1. VALID AND CORRESPONDING FOR USE TIMES SPECIFIED IN THE CURRENT  
UPPER WINDS AND TEMPERATURES ALOFT 6- AND 12-HOUR FORECAST BULLETINS.

00Z BULLETINS ISSUED BETWEEN 170130Z AND 170200Z:  
6-HOUR FORECAST VALID 170600Z FOR USE 0600-1200Z  
12-HOUR FORECAST VALID 171200Z FOR USE 1200-1800Z

06Z BULLETINS ISSUED BETWEEN 170730Z AND 170800Z:  
6-HOUR FORECAST VALID 171200Z FOR USE 1200-1800Z  
12-HOUR FORECAST VALID 171800Z FOR USE 1800-0000Z

12Z BULLETINS ISSUED BETWEEN 171330Z AND 171400Z:  
6-HOUR FORECAST VALID 171800Z FOR USE 1800-0000Z  
12-HOUR FORECAST VALID 180000Z FOR USE 0000-0600Z

18Z BULLETINS ISSUED BETWEEN 171930Z AND 172000Z:  
6-HOUR FORECAST VALID 180000Z FOR USE 0000-0600Z  
12-HOUR FORECAST VALID 180600Z FOR USE 0600-1200Z

TABLE 2. NEW FOR USE TIMES CORRESPONDING TO THE EXISTING VALID TIMES.

00Z BULLETINS ISSUED BETWEEN 170130Z AND 170200Z:  
 6-HOUR FORECAST VALID 170600Z FOR USE 0200-0900Z  
 12-HOUR FORECAST VALID 171200Z FOR USE 0900-1800Z

06Z BULLETINS ISSUED BETWEEN 170730Z AND 170800Z:  
 6-HOUR FORECAST VALID 171200Z FOR USE 0800-1500Z  
 12-HOUR FORECAST VALID 171800Z FOR USE 1500-0000Z

12Z BULLETINS ISSUED BETWEEN 171330Z AND 171400Z:  
 6-HOUR FORECAST VALID 171800Z FOR USE 1400-2100Z  
 12-HOUR FORECAST VALID 180000Z FOR USE 2100-0600Z

18Z BULLETINS ISSUED BETWEEN 171930Z AND 172000Z:  
 6-HOUR FORECAST VALID 180000Z FOR USE 2000-0300Z  
 12-HOUR FORECAST VALID 180600Z FOR USE 0300-1200Z

TABLE 3. AFFECTED WIND AND TEMPERATURE ALOFT FORECAST /FCST/ BULLETINS.

WIND/TEMPERATURE ALOFT FCST	WMO HEADER	AWIPS ID
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LOW-LEVEL 6-HOUR FCST FOR HAWAII	FBHW31 KWNO	FD1HW1
LOW-LEVEL 12-HOUR FCST FOR HAWAII	FBHW33 KWNO	FD3HW3
HIGH-LEVEL 6-HOUR FCST FOR HAWAII	FBHW37 KWNO	FD8HW7
HIGH-LEVEL 12-HOUR FCST FOR HAWAII	FBHW38 KWNO	FD9HW8
LOW-LEVEL 6-HOUR FCST FOR PACIFIC	FBOC31 KWNO	FD1OC1
LOW-LEVEL 12-HOUR FCST FOR PACIFIC	FBOC33 KWNO	FD3OC3
HIGH-LEVEL 6-HOUR FCST FOR PACIFIC	FBOC37 KWNO	FD8OC7
HIGH-LEVEL 12-HOUR FCST FOR PACIFIC	FBOC38 KWNO	FD9OC8
LOW-LEVEL 6-HOUR FCST FOR ALASKA	FBAK31 KWNO	FD1AK1
LOW-LEVEL 12-HOUR FCST FOR ALASKA	FBAK33 KWNO	FD3AK3
HIGH-LEVEL 6-HOUR FCST FOR ALASKA	FBAK37 KWNO	FD8AK7
HIGH-LEVEL 12-HOUR FCST FOR ALASKA	FBAK38 KWNO	FD9AK8
LOW-LEVEL 6-HOUR FCST FOR CONUS	FBUS31 KWNO	FD1US1
LOW-LEVEL 12-HOUR FCST FOR CONUS	FBUS33 KWNO	FD3US3
HIGH-LEVEL 6-HOUR FCST FOR CONUS	FBUS37 KWNO	FD8US7
HIGH-LEVEL 12-HOUR FCST FOR CONUS	FBUS38 KWNO	FD9US8
HIGH-LEVEL 6-HOUR FCST FOR CANADA	FBCN31 KWNO	FD1CN1
HIGH-LEVEL 12-HOUR FCST FOR CANADA	FBCN33 KWNO	FD3CN3

IF YOU HAVE ANY QUESTIONS REGARDING THESE CHANGES OR IF YOU BELIEVE THESE CHANGES WILL ADVERSELY AFFECT YOUR OPERATIONS...PLEASE CONTACT:

BOB DUFRANE  
 NWS HEADQUARTERS  
 SILVER SPRING MARYLAND  
 301-713-1726 X 141  
[BOB.DUFRANE@NOAA.GOV](mailto:BOB.DUFRANE@NOAA.GOV)

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:  
[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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