

Appendix 10-807-5, ARMET Bulletins Stored at WMSC and/or NMC

ARMET bulletins contain winds and temperatures at specified points, called grid points, at a number of standard isobaric levels. An ARMET message is always identified by the word ARMET. The grid points are shown by latitude and longitude, using the format QL_aL_aL_oL_o. Q is the octant of the globe (0 is Northern Hemisphere, 0°- 89°W; 1 is Northern Hemisphere, 90°W- 179°W; 2 is Northern Hemisphere, 180°-91°E; 5 is Southern Hemisphere, 0°-89°W). LaLa is latitude in whole degrees; L_oL_o is longitude in whole degrees, except the hundreds digit is omitted for longitudes 100°W through 180° to 100°E.

Within the body of the forecast, winds and temperatures are shown using the format ddfTT. The true wind direction - dd - is shown to the nearest 10 degrees, and fff is the wind speed in whole knots. Wind speeds less than 5 knots are shown as 99000. TT is the temperature in degrees Celsius. A blank space between the temperature and wind speed indicates a positive temperature. If the temperature is negative, an M is between the wind speed and temperature.

The bulletins stored at the WMSC are in pairs. For each area shown in the maps following the descriptions, one bulletin is an 18-hour prog valid at 06 and 18Z, and one is a 24 hour prog valid at 00 and 12Z. Here are the bulletins, showing valid times and forecast levels:

18 hour progs (VT 06 & 18Z) 24-hour Progs (VT 00 & 12Z) Levels (mb)

FBPA1 KWBC	FBPA2 KWBC	850, 700, 500, 400, 300, 250, 200
FDCA1 KWBC	FDCA2 KWRC	300, 250, 200, 150, 100
FDCA3 KWBC	FDCA4 KWBC	850, 700, 500, 400
FDCA5 KWBC	FDCA6 KWBC	700, 500, 400
FDUS4 KWBC	FDUS5 KWBC	300, 250, 200, 150, 100
FDUS6 KWBC	FDUS7 KWBC	700, 500, 400
FUNA9 KWBC	FUNA10 KWBC	200, 150 (+ TROP HT)
FUNT1 KWBC	FUNT2 KWBC	300, 250, 200
FUNT3 KWBC	FUNT4 KWBC	300, 250, 200
FUNT7 KWBC	FUNT8 KWBC	300, 250, 200
FUNT11 KWBC	FUNT12 KWBC	300, 200
FUNT13 KWBC	FUNT14 KWBC	700, 500, 400
FUNT15 KWBC	FUNT16 KYBC	700, 500, 400
FUNT25 KWBC	FUNT26 KYBC	300, 200, 150, 100
FUNT27 KWBC	FUNT28 KYBC	300, 200, 150, 100
FUPA1 KW8C	FUPA2 KWBC	850, 700, 500, 300, 200
FUPN1 KWBC	FUPN8 KWBC	700, 500, 300, 250, 200
FUPN2 KWBC	FUPN9 KYBC	700, 500, 300, 250, 200
FUPN3 KWBC	FUPN10 KWBC	700, 500, 300, 250, 200
FUPN4 KWBC	FUPN11 KWBC	700, 500, 300, 250, 200

FUPN5 KWBC	FUPN12 KWBC	700, 500, 300, 250, 200
FUPN6 KWBC	FUPN13 KWBC	700, 500, 300, 250, 200
FUPN7 KWBC	FUPN14 KWBC	700, 500, 300, 250, 200
FUPN15 KWBC	FUPN16 KWBC	200, 150 (I TROP HT)