

# TRACE-P, March–April 2001

**CO observations and ECHAM 5 model results  
(run 58058 with scaled emissions)**



*Observational data from G. Sachse, NASA Langley*

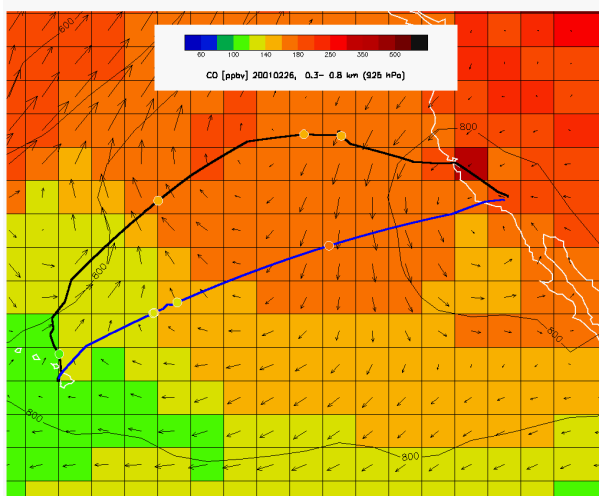
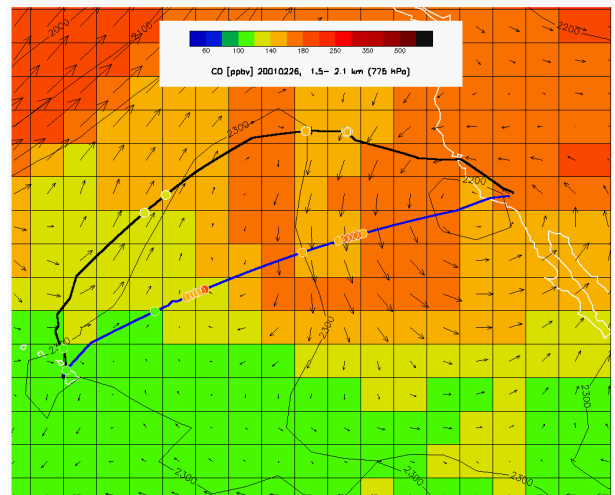
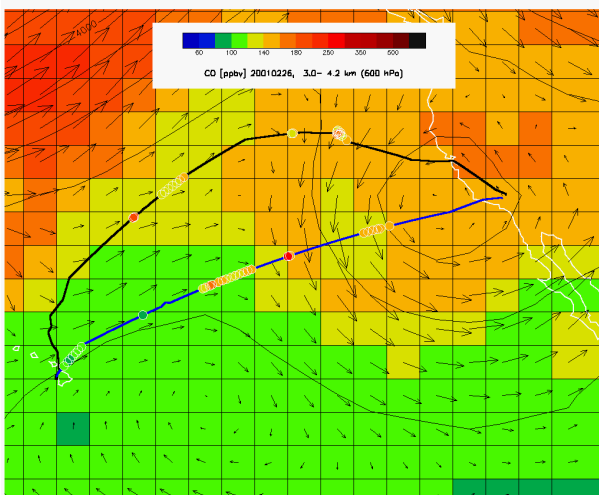
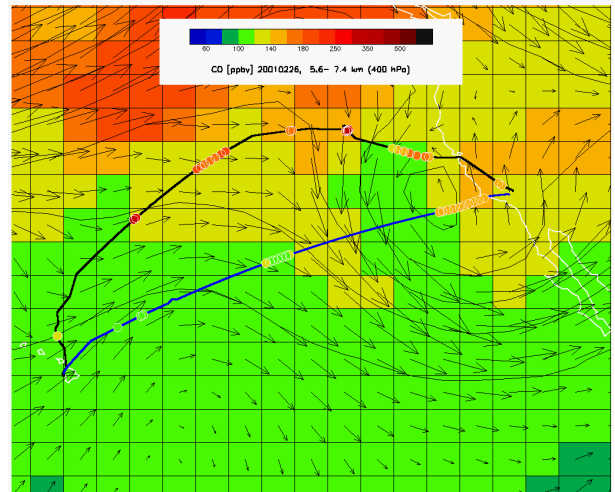
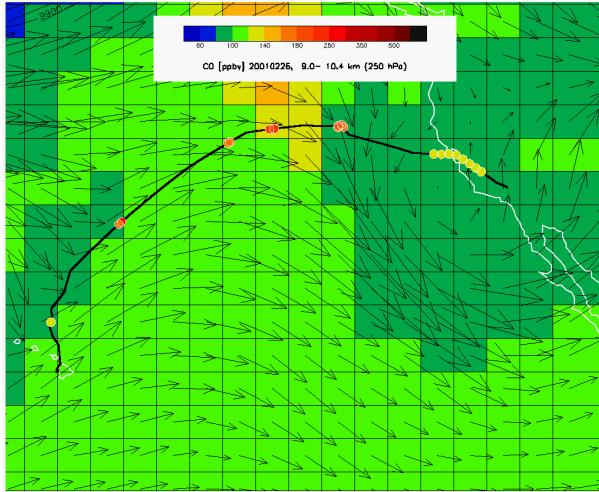
*Model product from M.G. Schultz and H.–S. Bauer, MPI Hamburg*

*Document prepared by Martin G. Schultz*

**26 FEB 2001**

DC-8 flight 04: Dryden-Kona

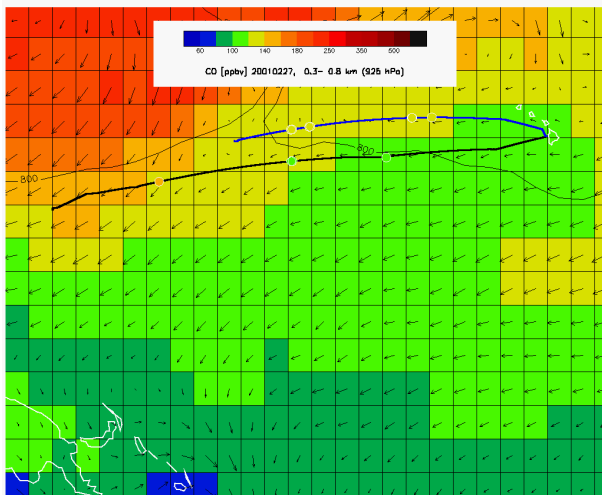
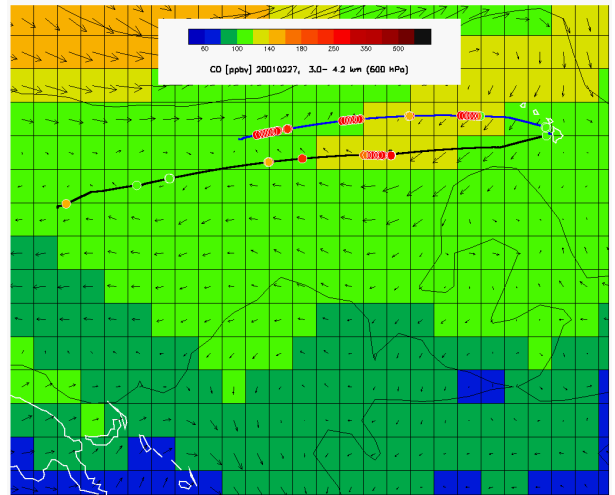
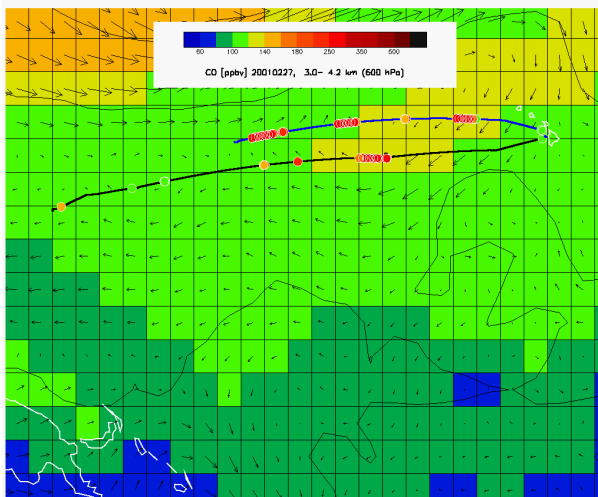
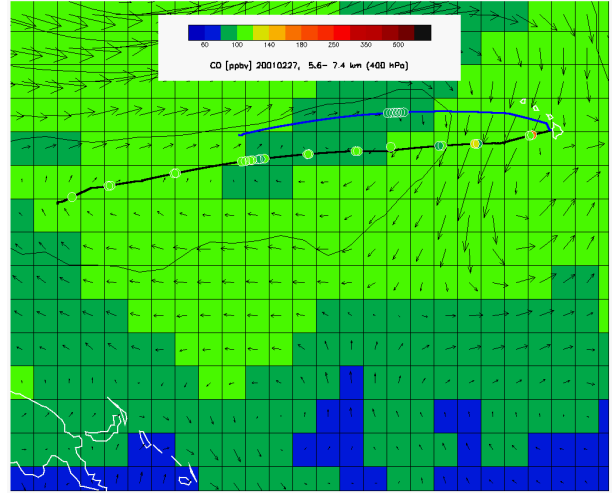
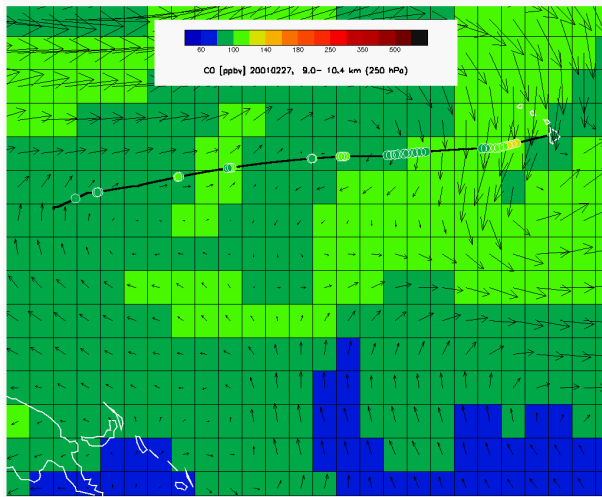
P-3B flight 05: Palmdale-Kona



**27 FEB 2001**

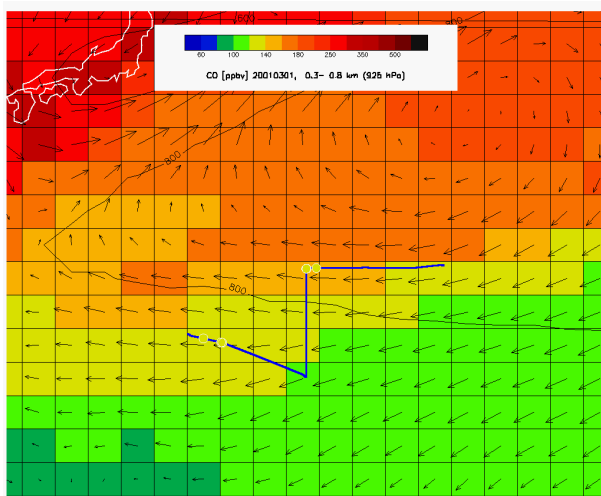
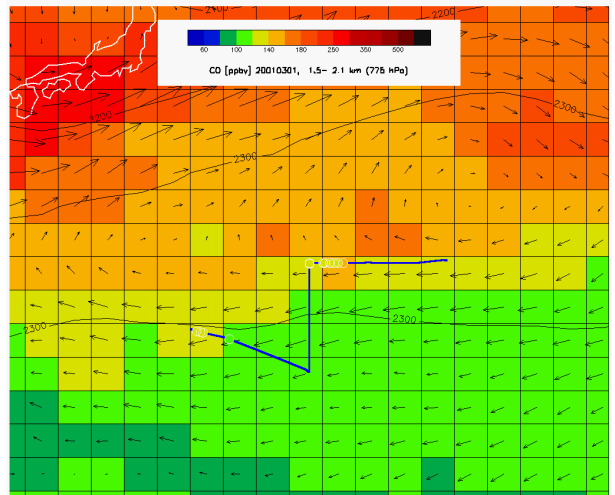
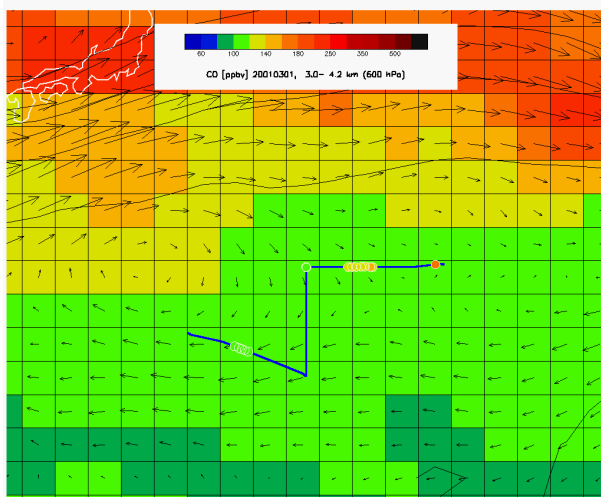
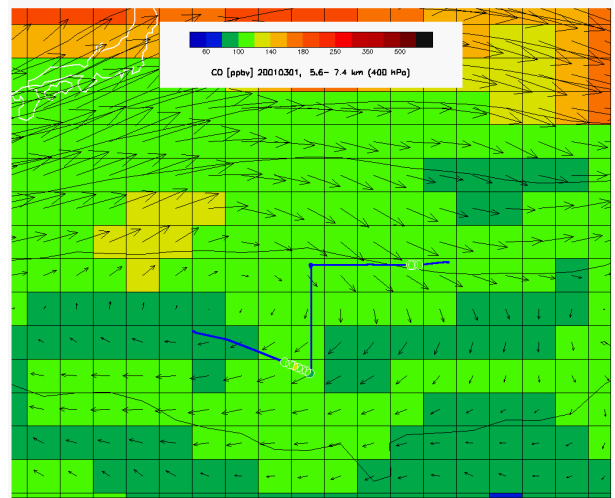
DC-8 flight 05: Kona-Guam

P-3B flight 06: Kona-Wake Island



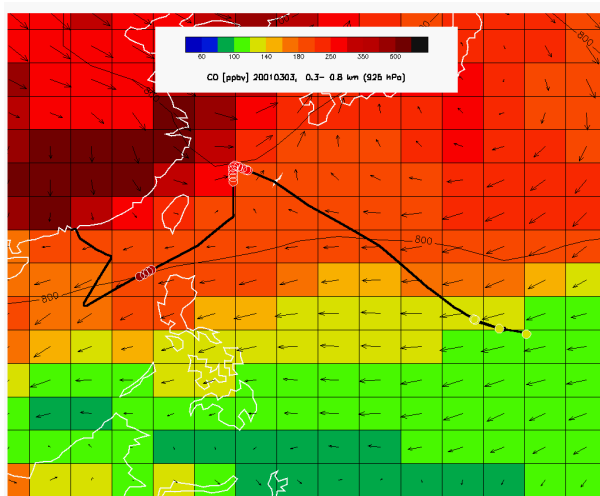
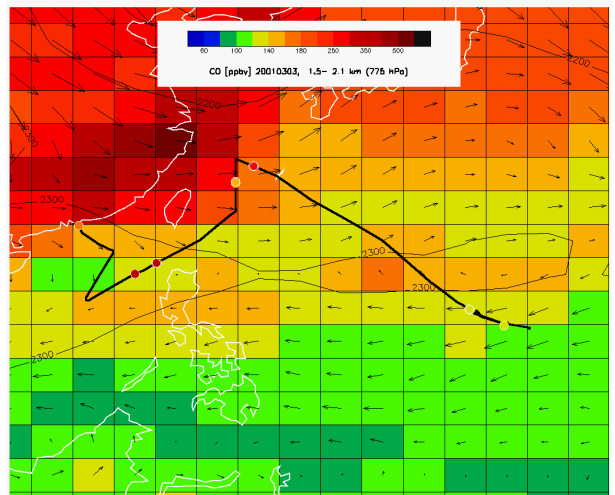
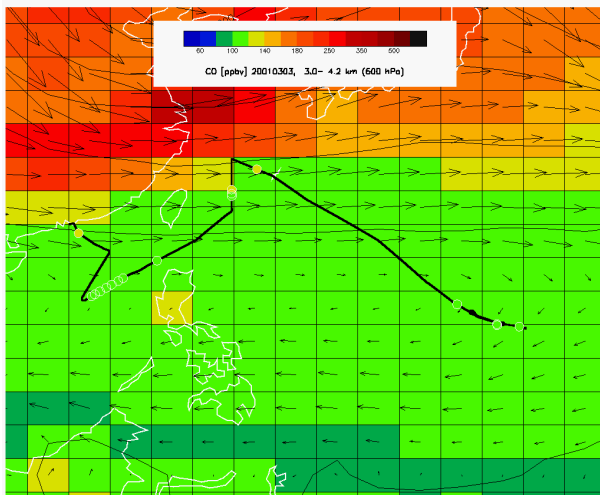
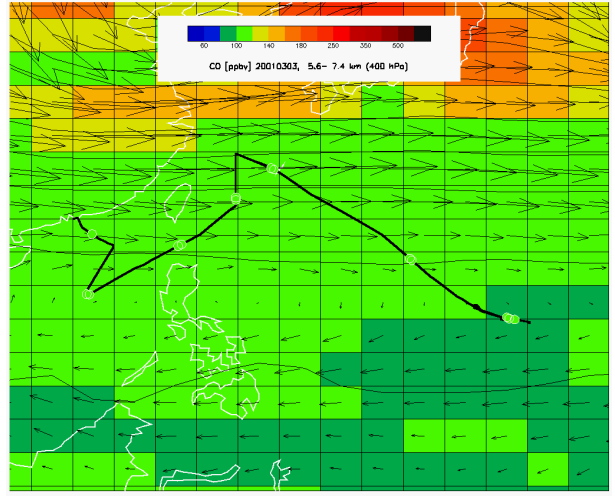
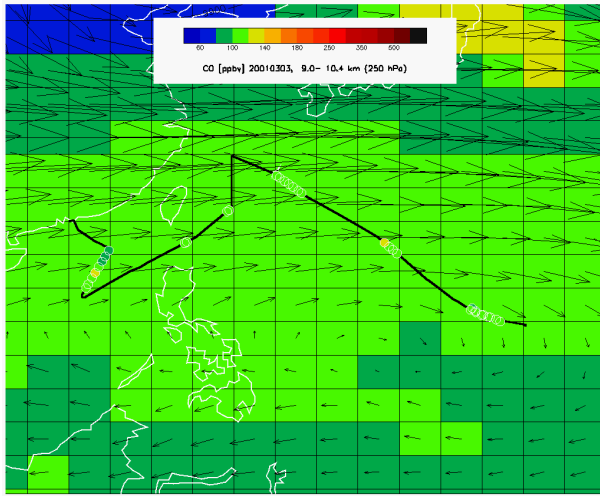
01 MAR 2001

P-3B flight 07: Wake Island-Guam



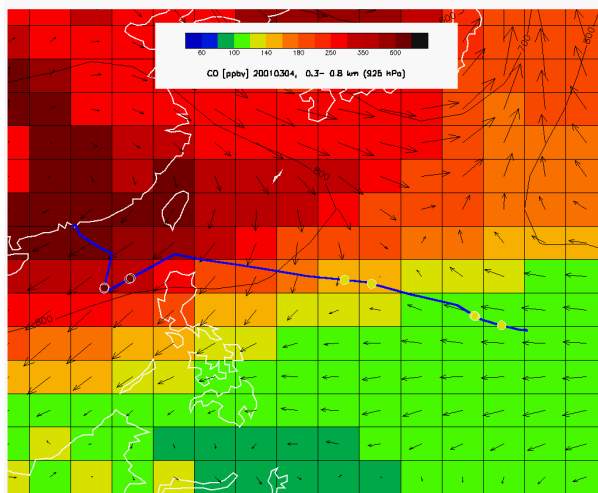
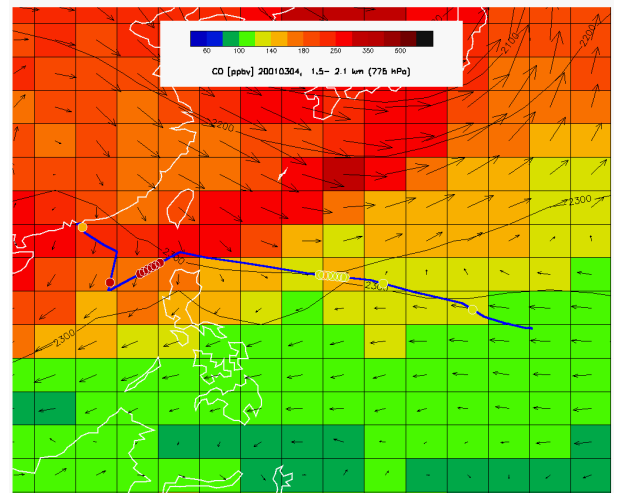
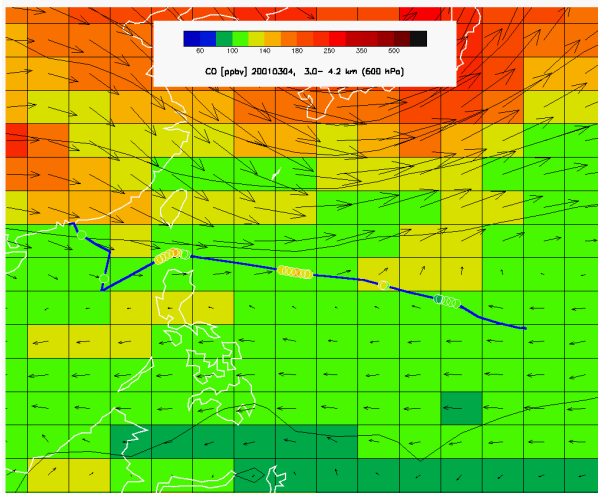
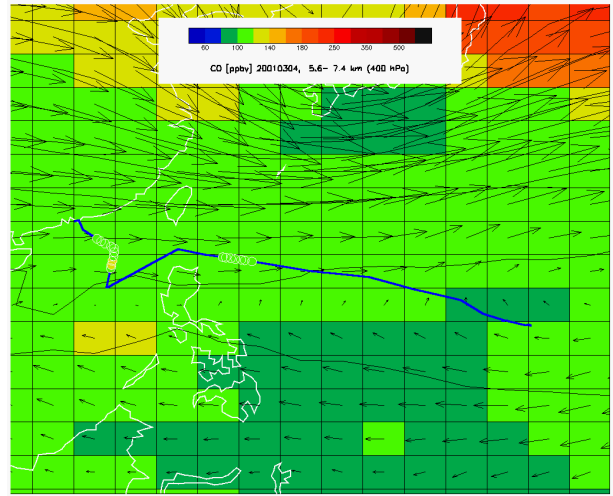
**03 MAR 2001**

DC-8 flight 06: Guam-Hong Kong



**04 MAR 2001**

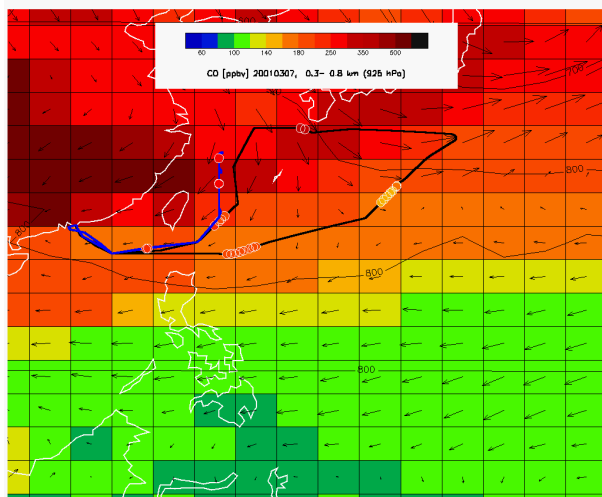
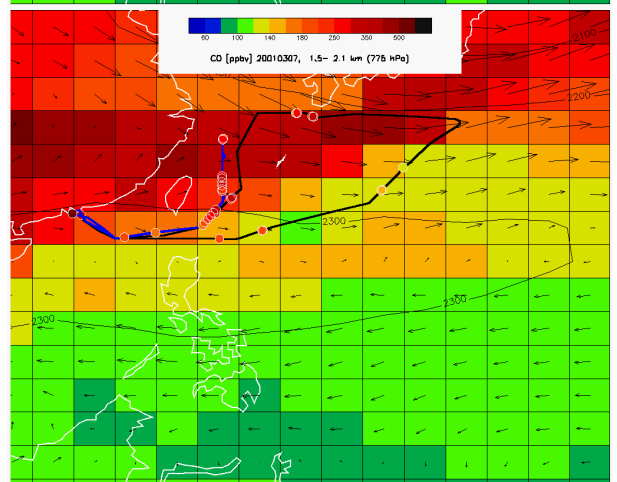
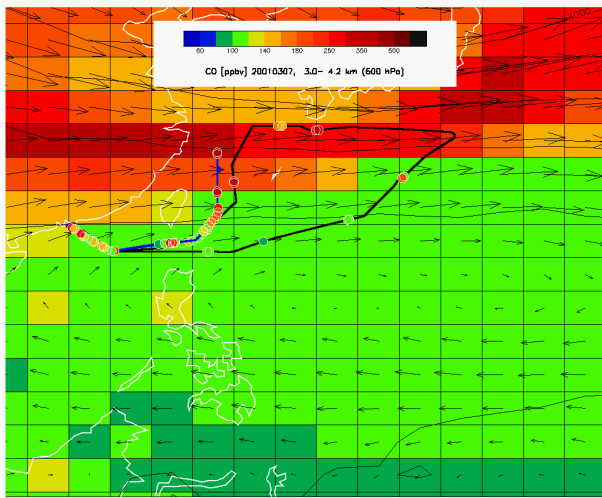
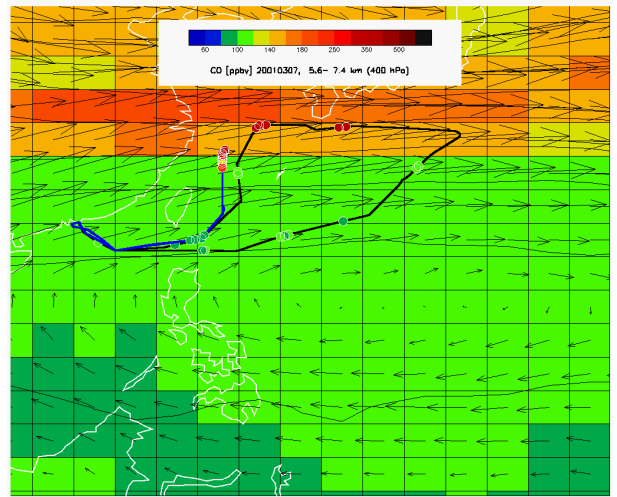
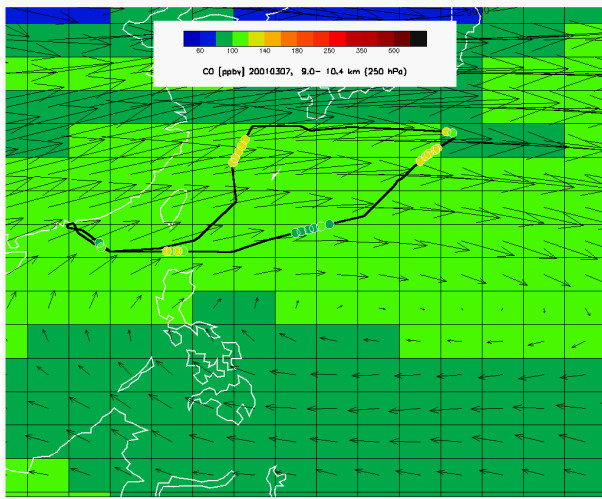
P-3B flight 08: Guam-Hong Kong



**07 MAR 2001**

DC-8 flight 07: Hong Kong local 1

P-3B flight 09: Hong Kong local 1

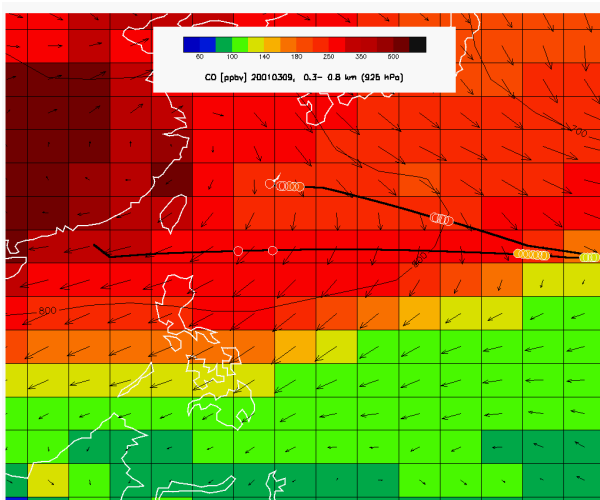
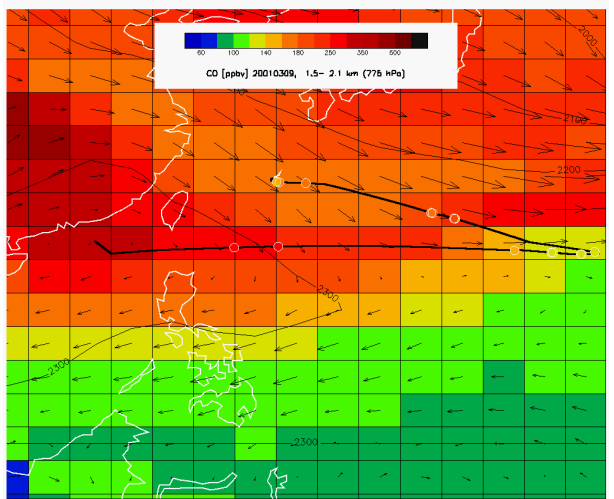
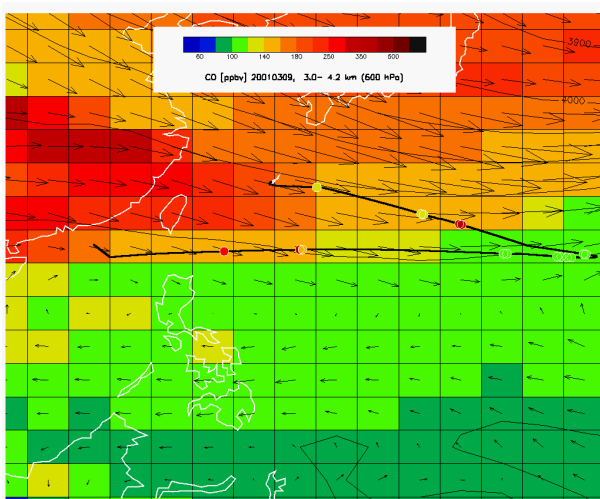
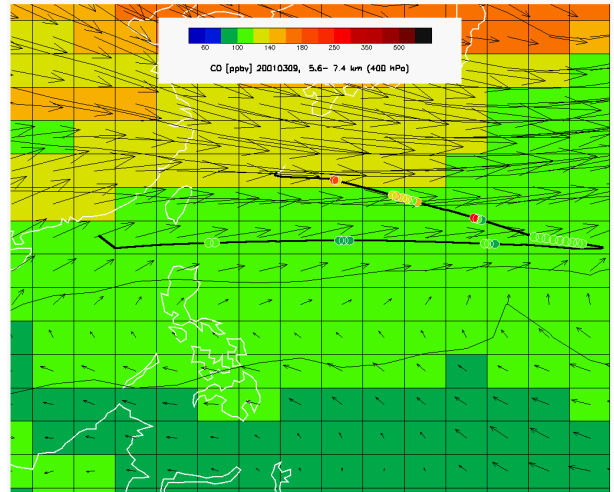
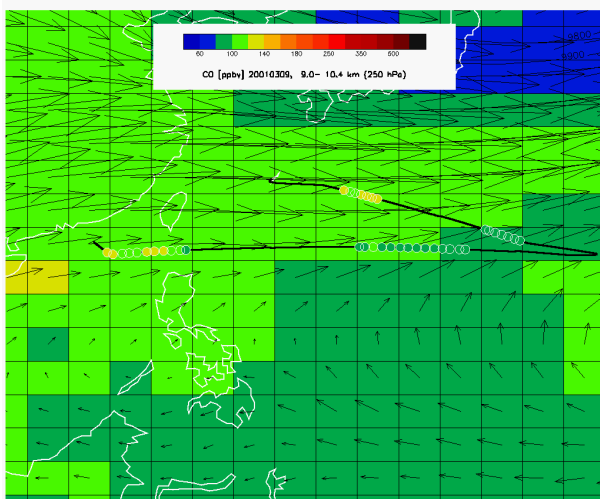




**09 MAR 2001**

DC-8 flight 08: Hong Kong–Okinawa, suitcase

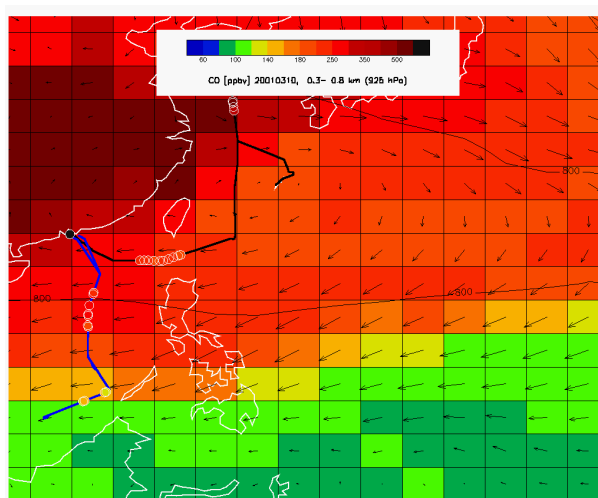
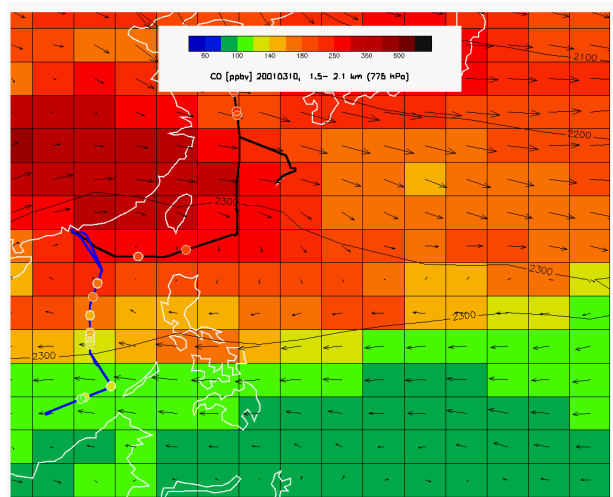
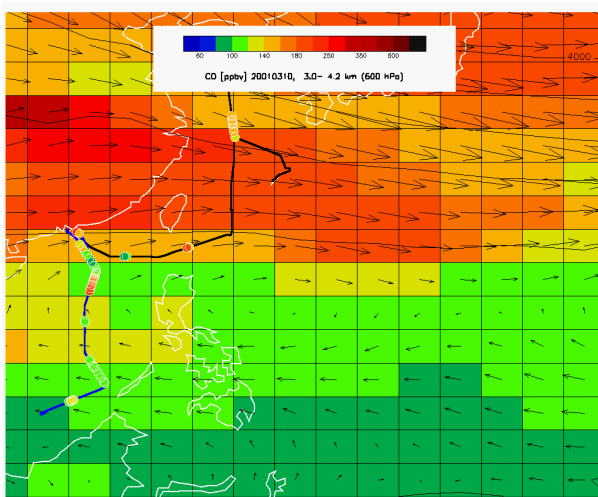
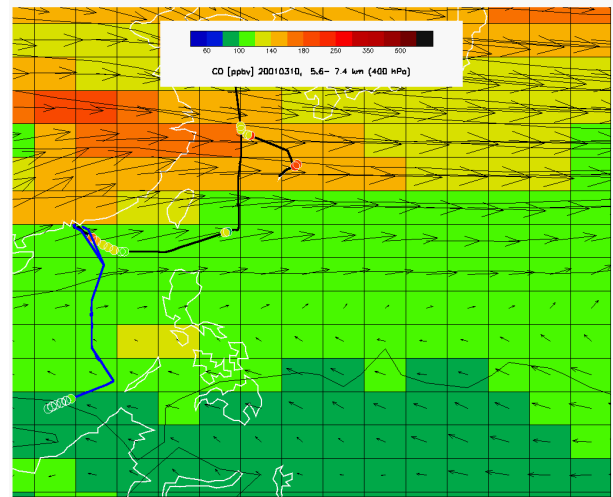
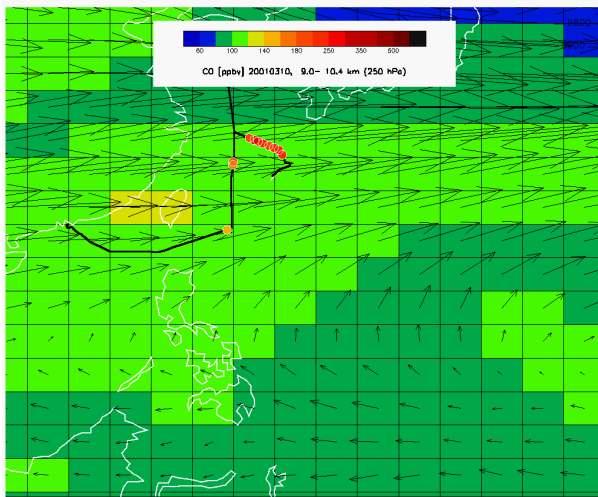
P-3B flight 10: Hong Kong local 2



**10 MAR 2001**

DC-8 flight 09: Okinawa-Hong Kong

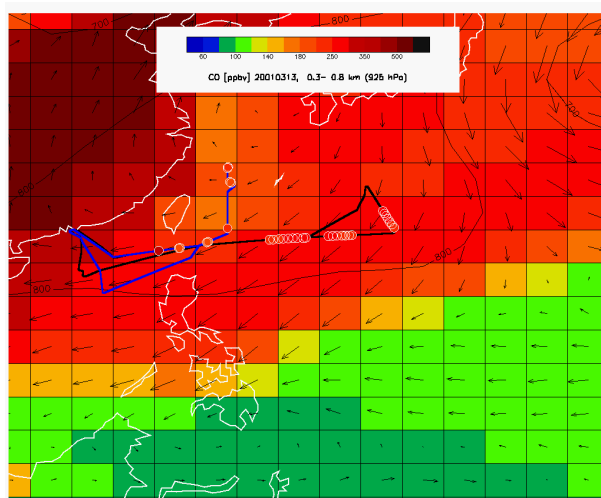
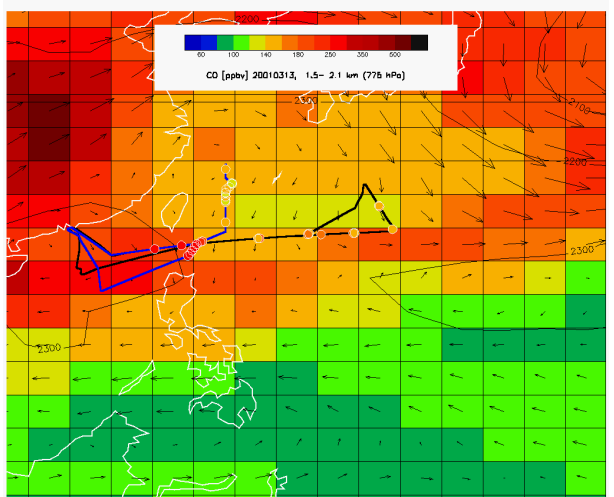
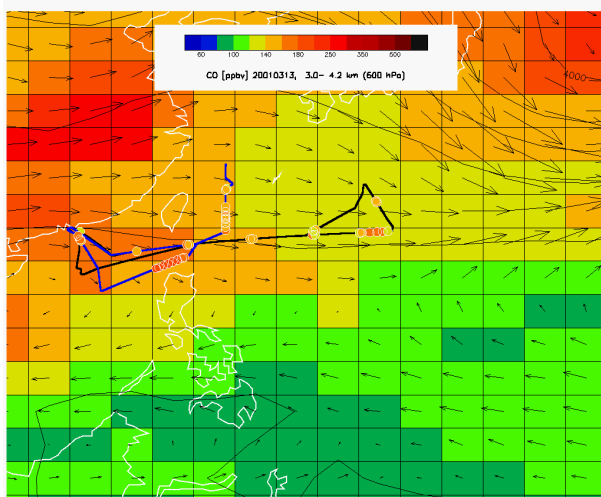
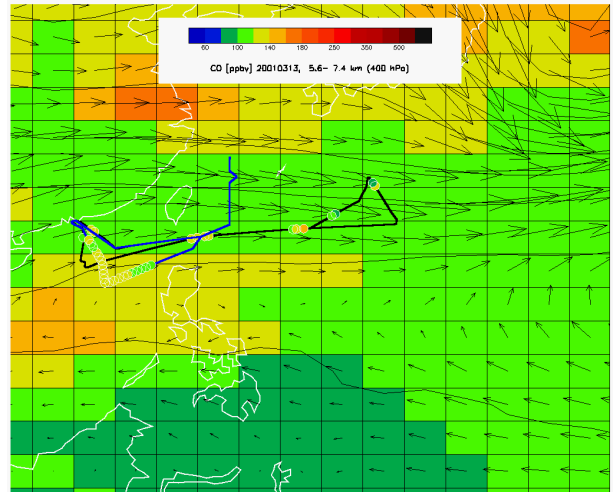
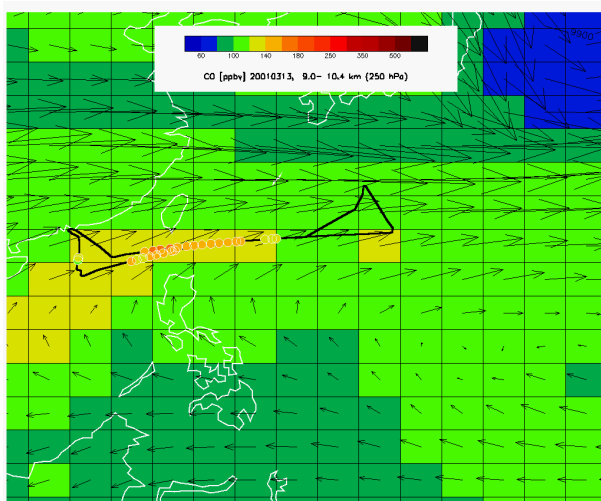
P-3B flight 11: Hong Kong local 3



**13 MAR 2001**

DC-8 flight 10: Hong Kong local 4

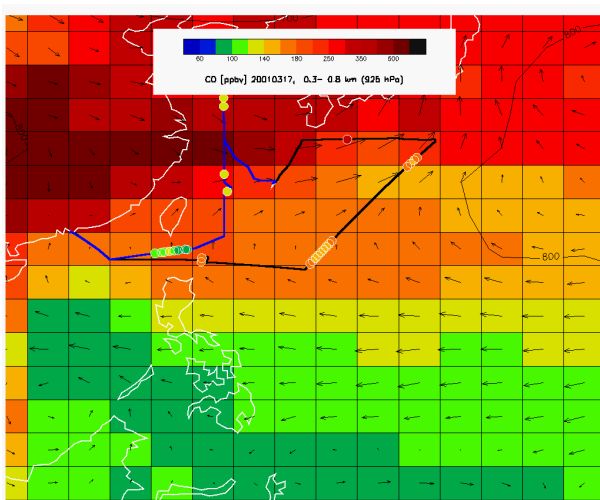
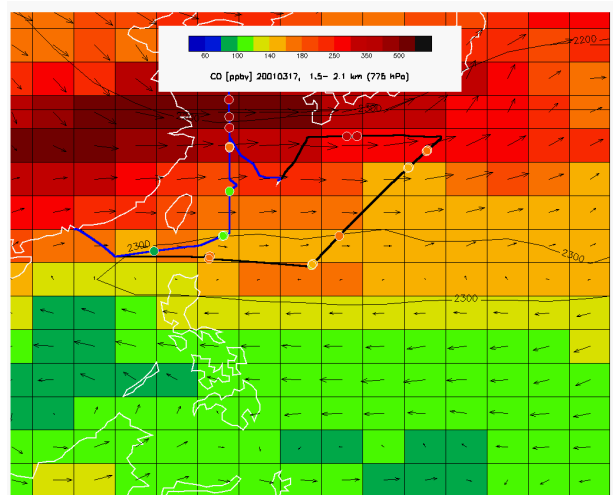
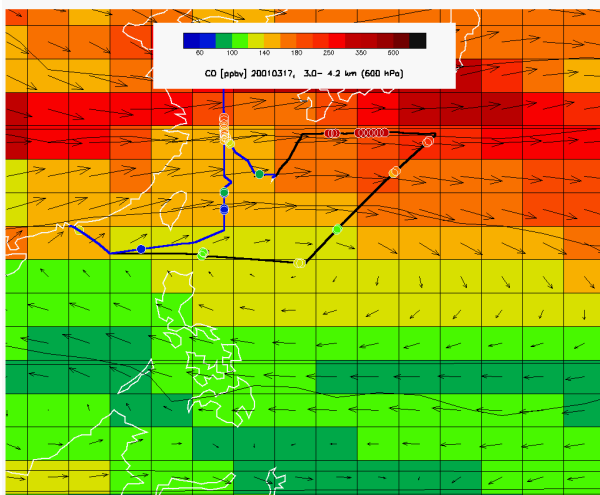
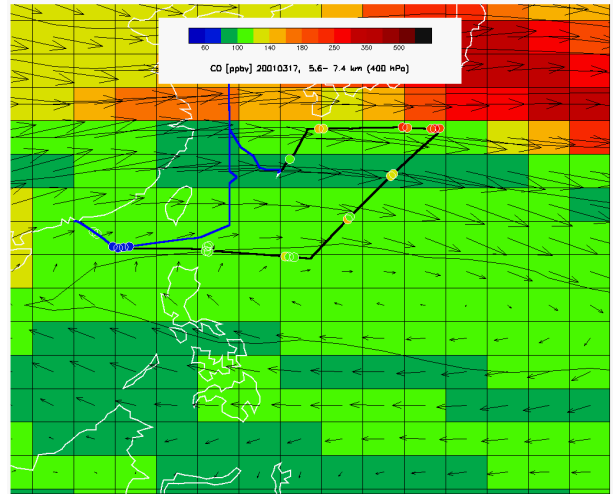
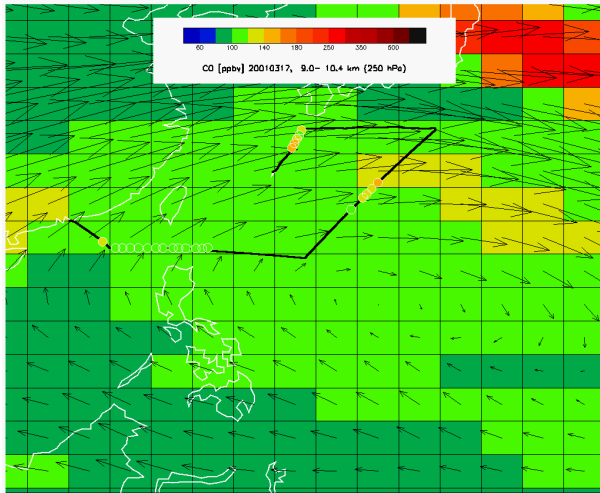
P-3B flight 12: Hong Kong local 4



**17 MAR 2001**

DC-8 flight 11: Hong Kong–Okinawa

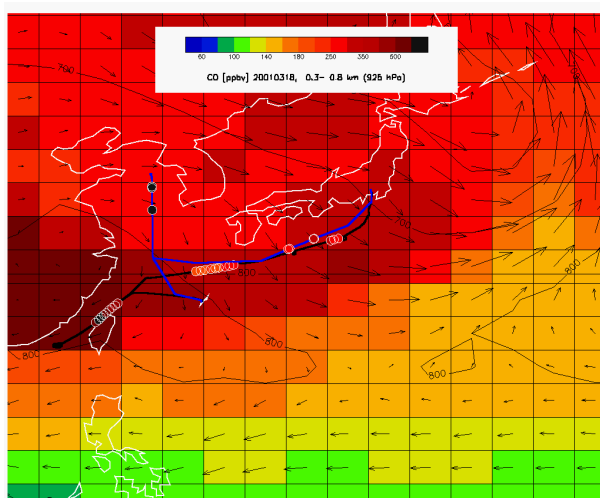
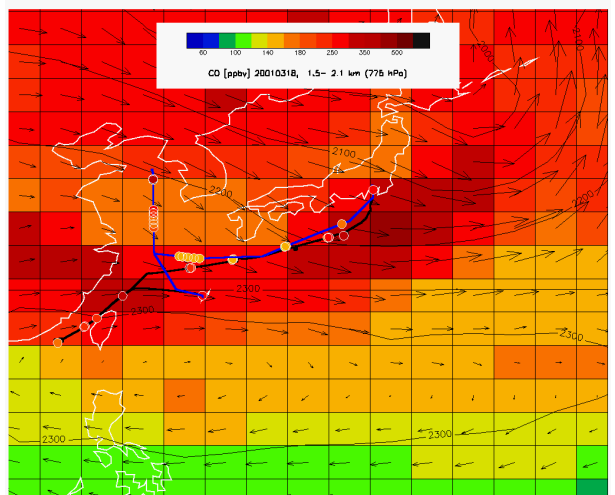
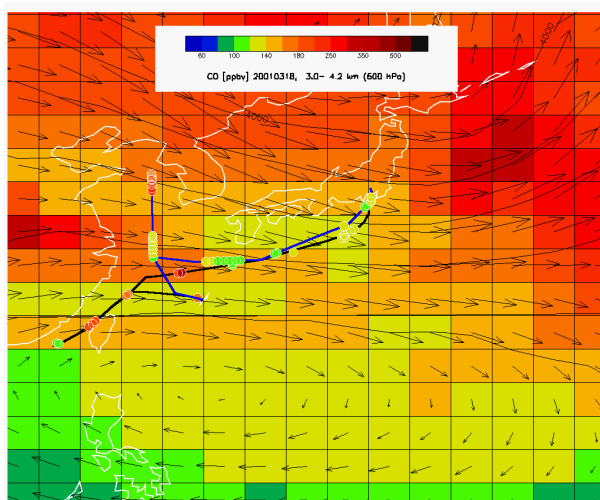
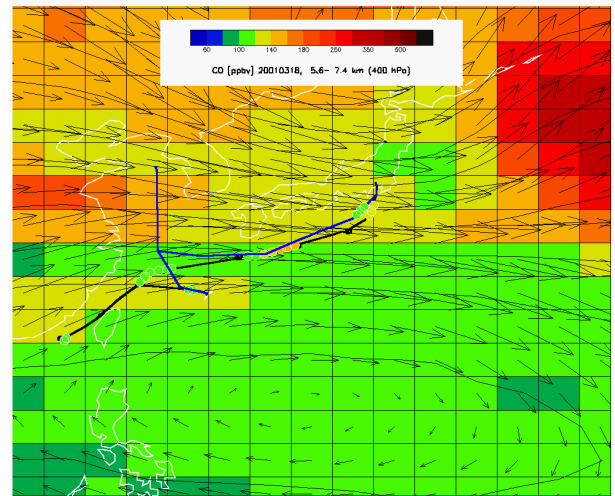
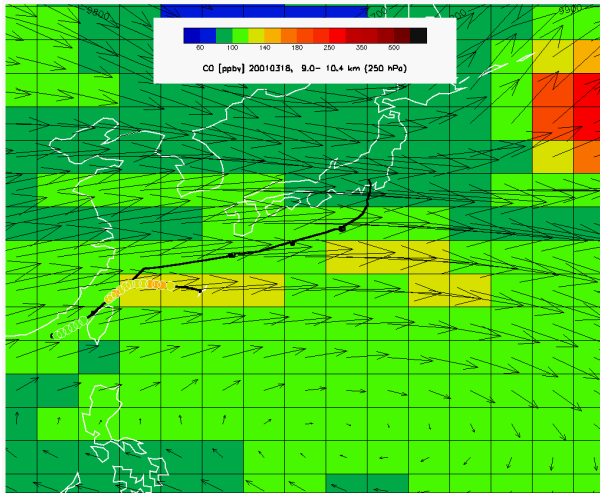
P-3B flight 13: Hong Kong–Okinawa



**18 MAR 2001**

DC-8 flight 12: Okinawa–Yokota

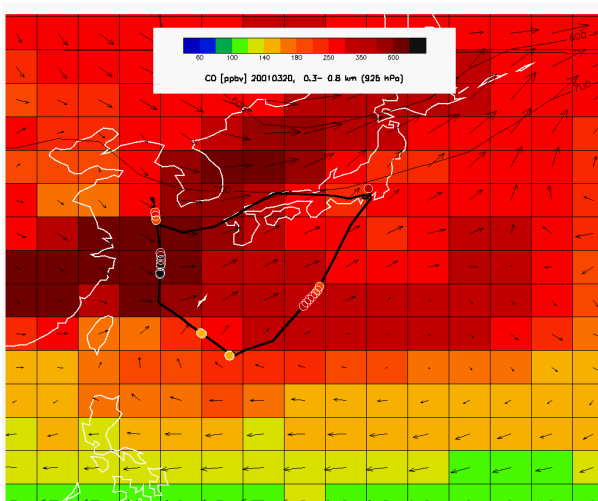
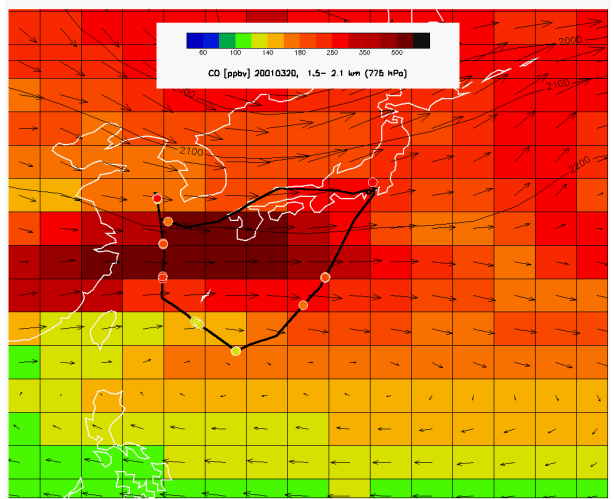
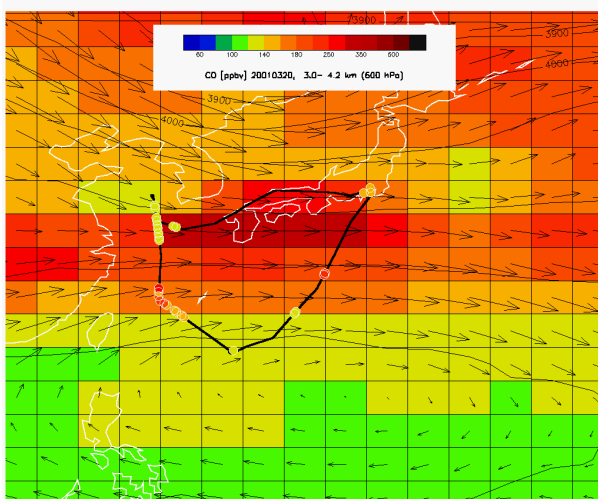
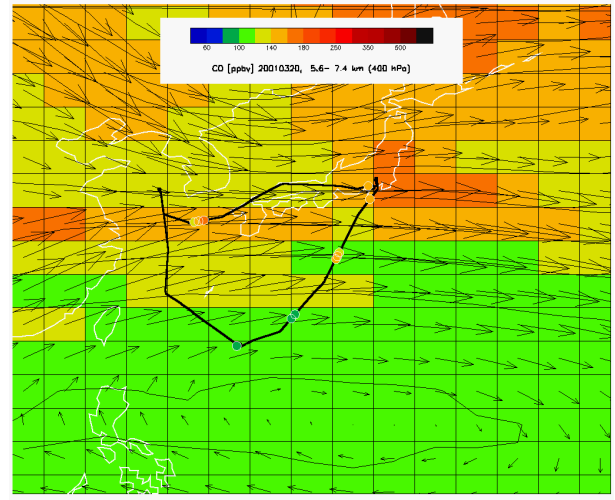
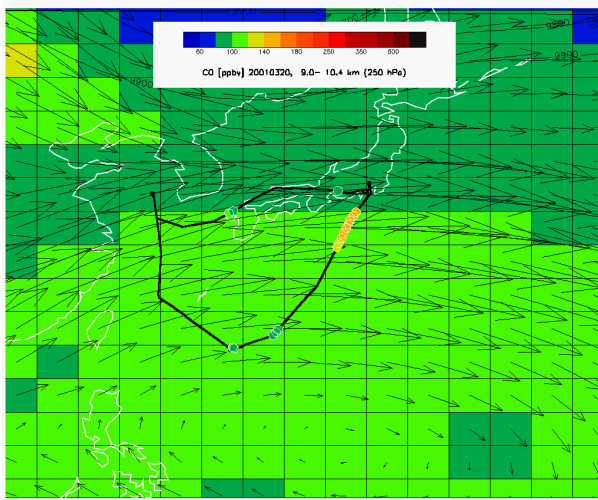
P-3B flight 14: Okinawa–Yokota



**20 MAR 2001**

DC-8 flight 13: Yokota local 1

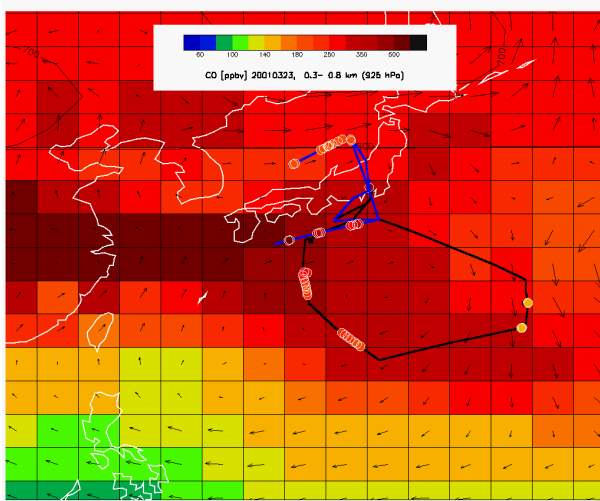
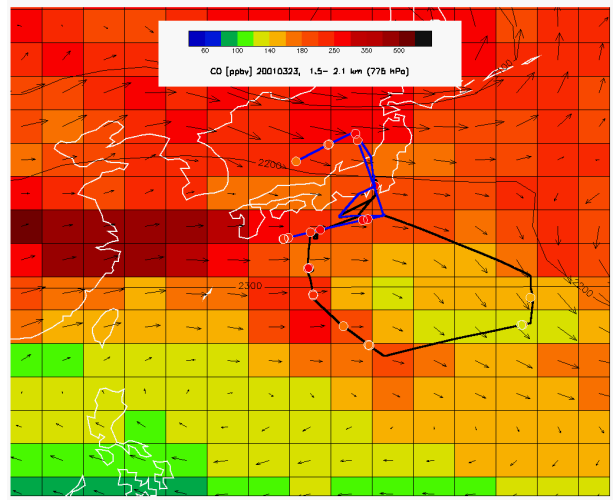
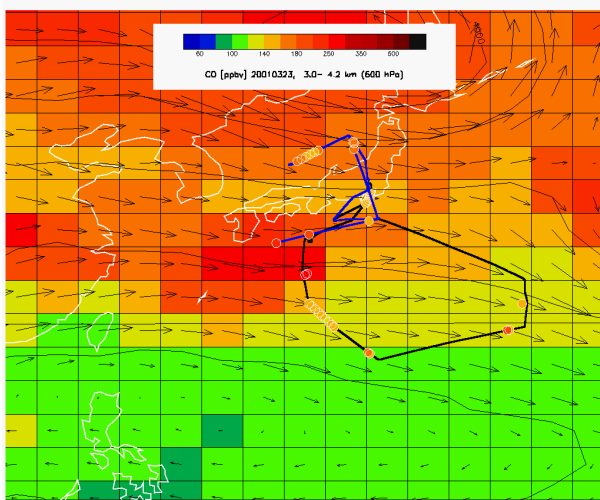
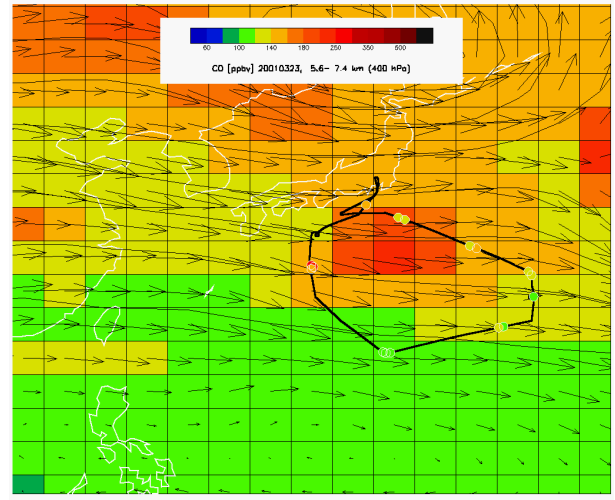
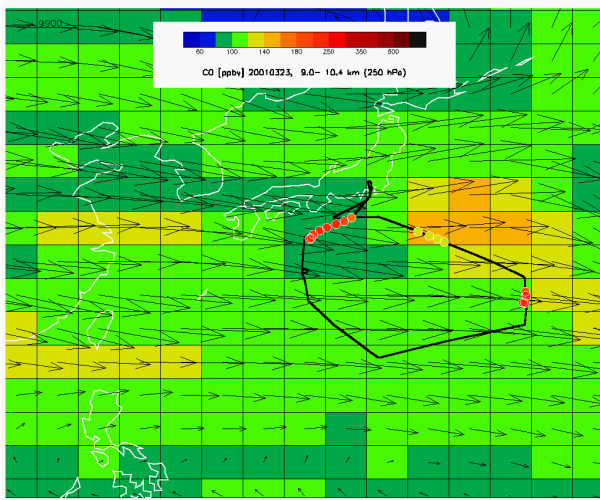
P-3B flight 15: Yokota local 1



**23 MAR 2001**

DC-8 flight 14: Yokota local 2

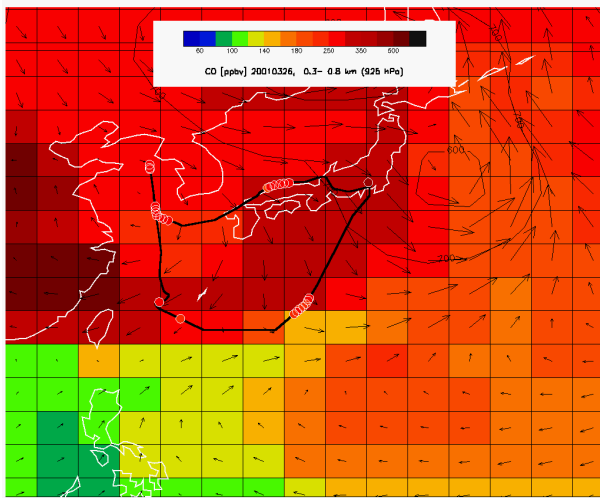
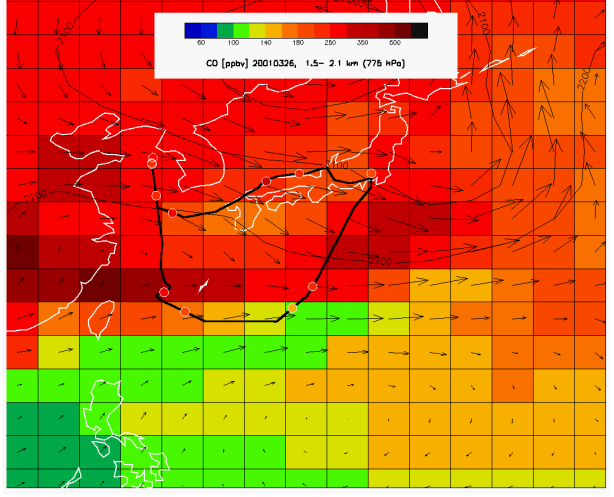
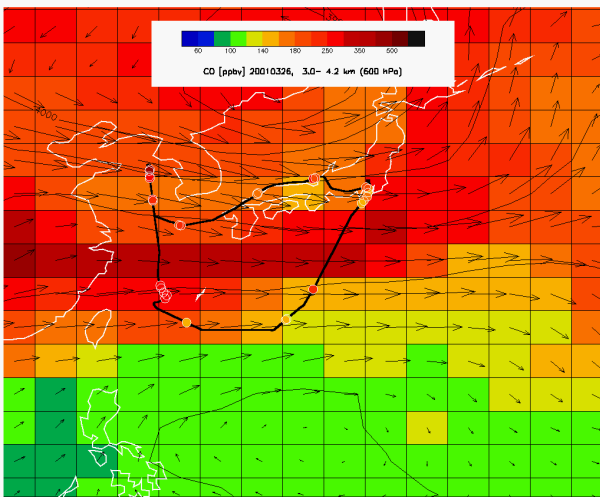
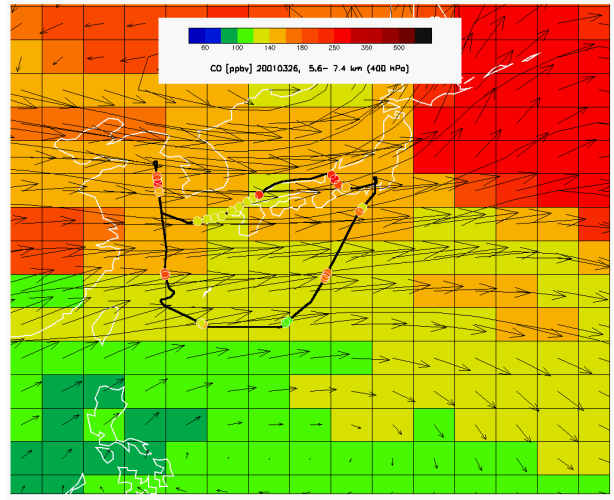
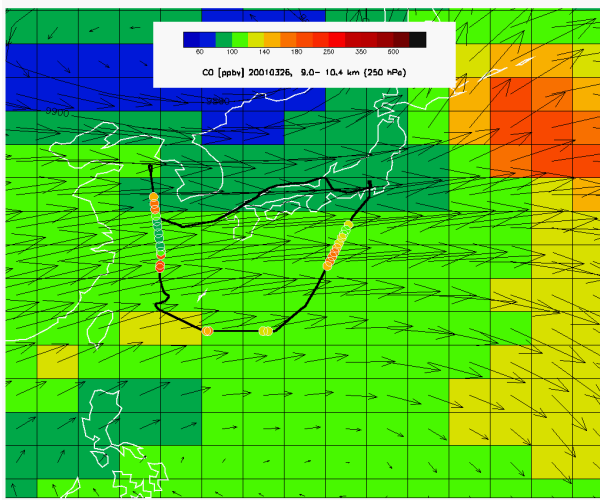
P-3B flight 16: Yokota local 2





26 MAR 2001

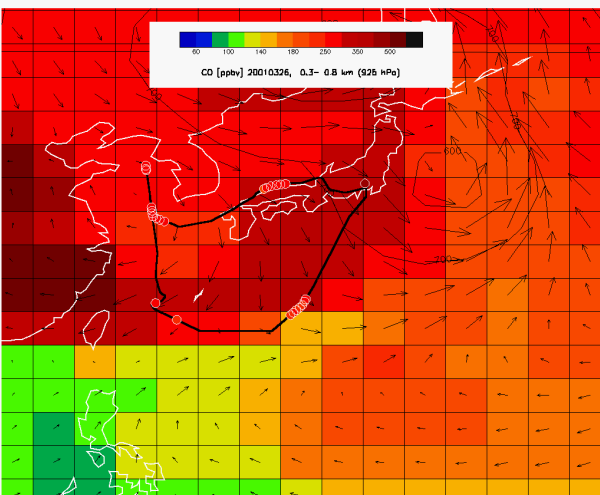
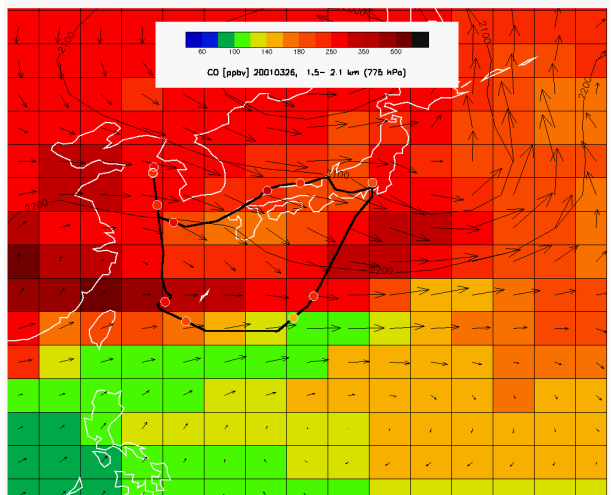
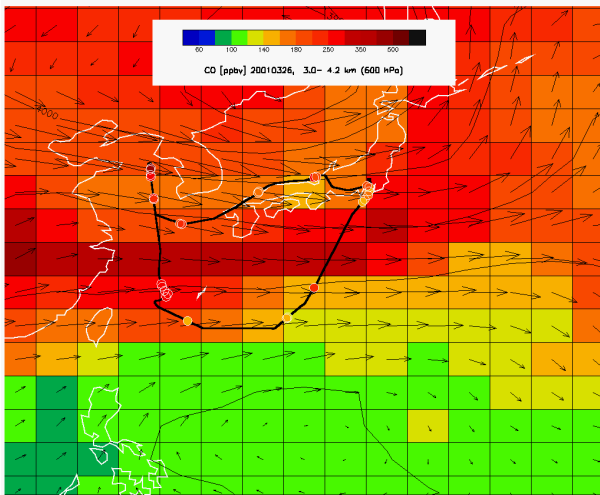
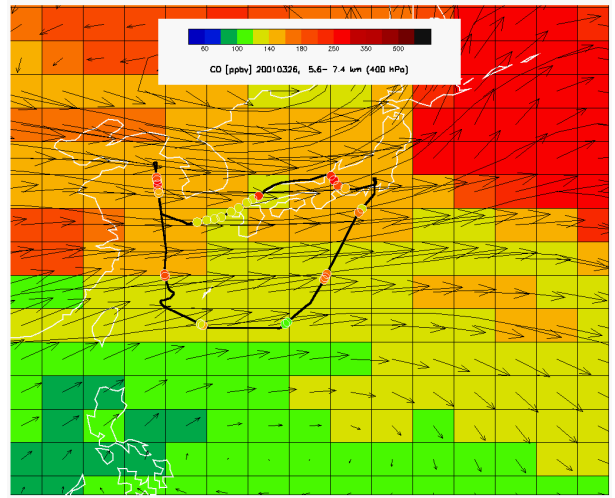
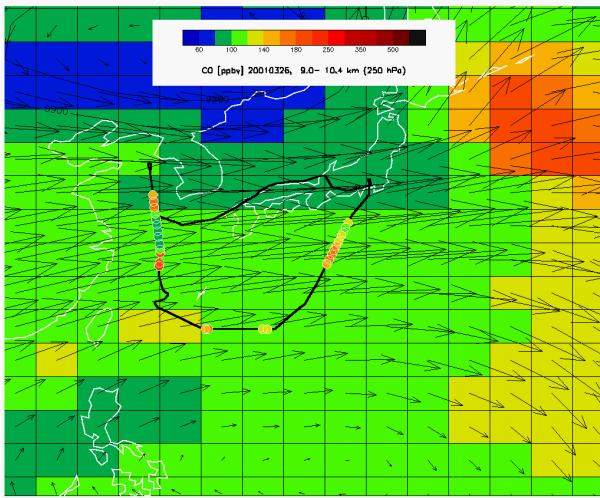
DC-8 flight 17: Yokota local 3





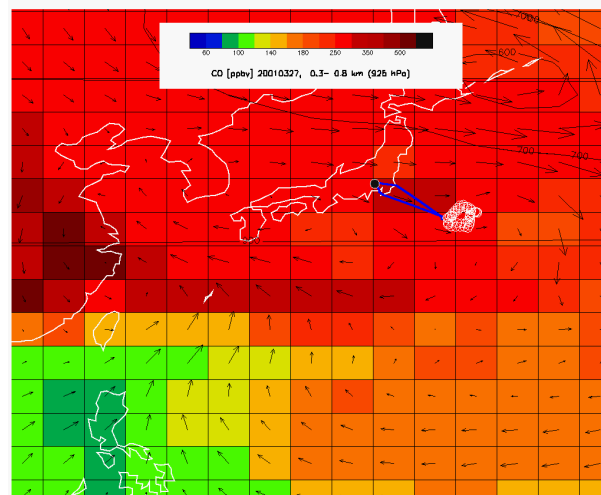
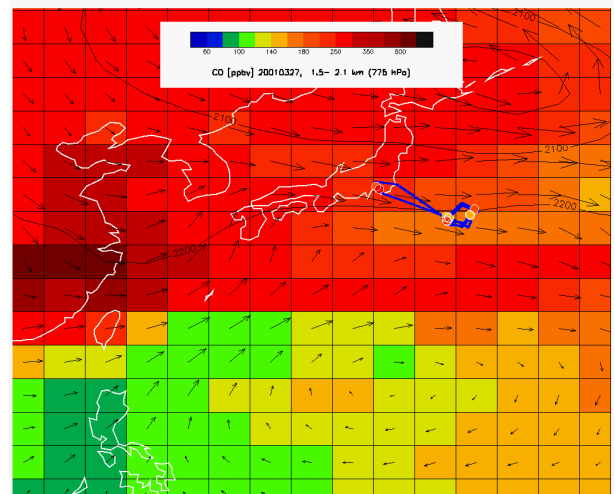
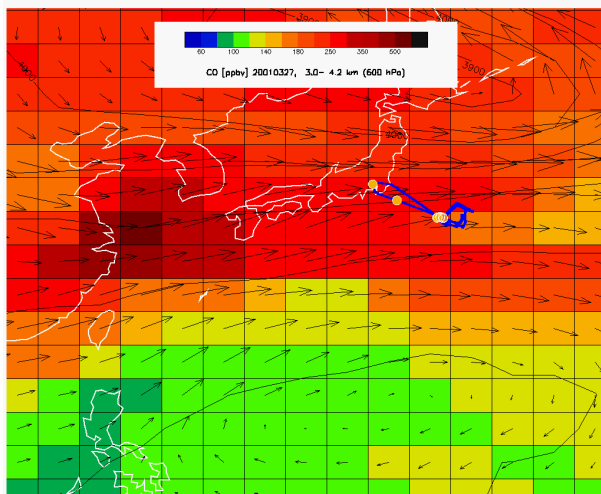
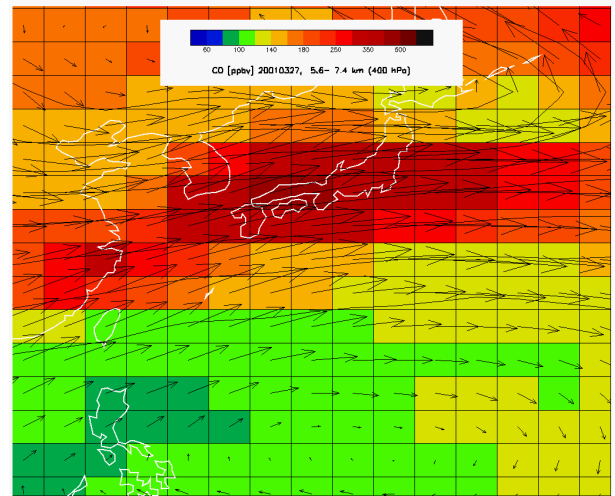
**26 MAR 2001**

DC-8 flight 15: Yokota local 3



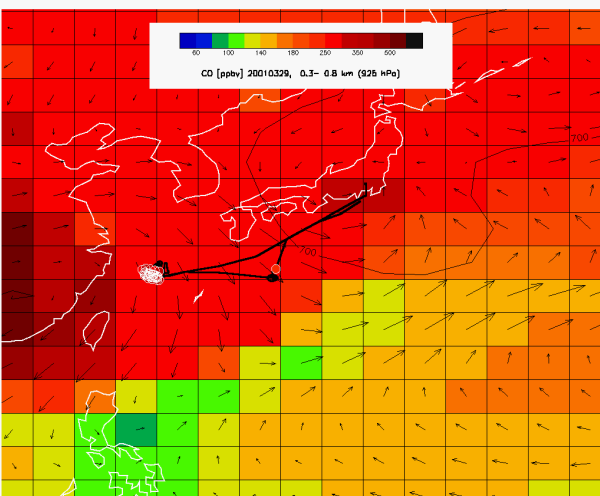
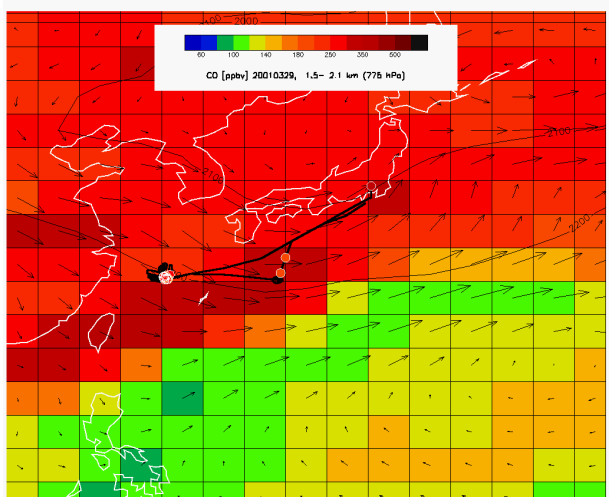
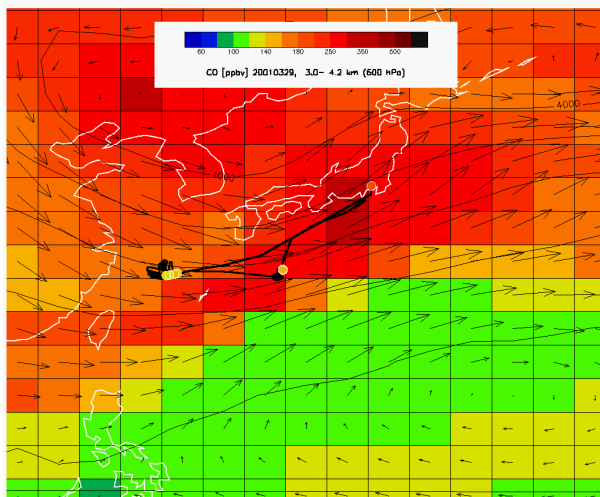
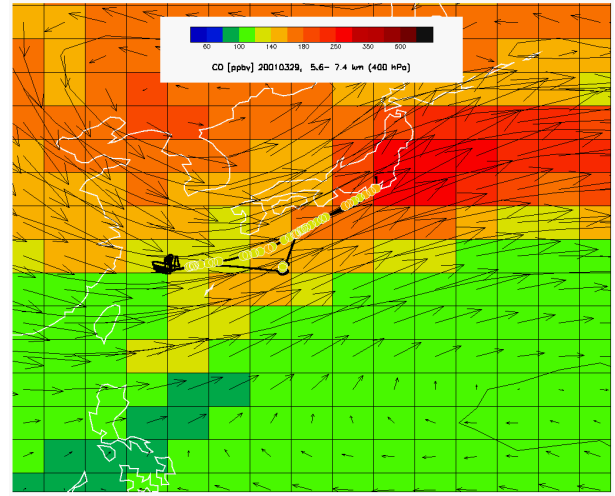
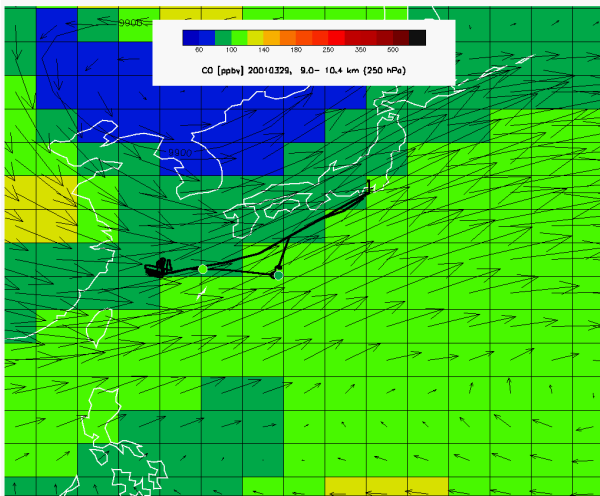
**27 MAR 2001**

P-3B flight 17: Yokota local 3



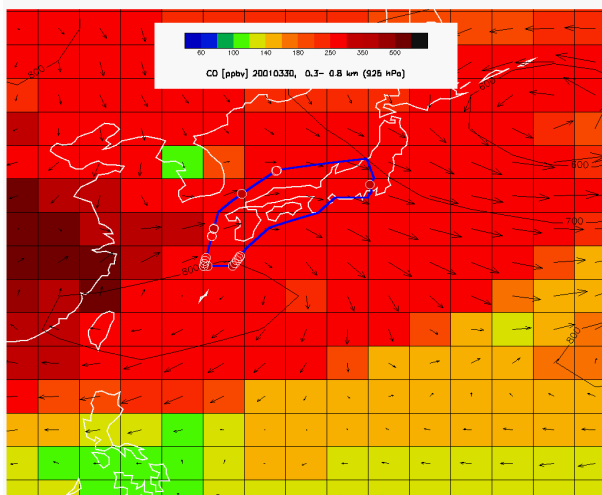
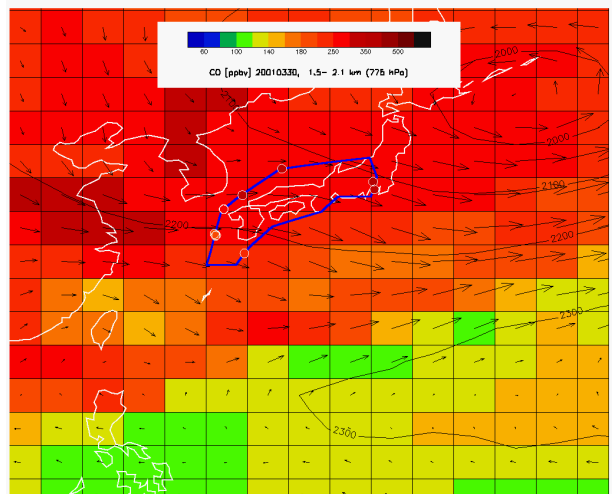
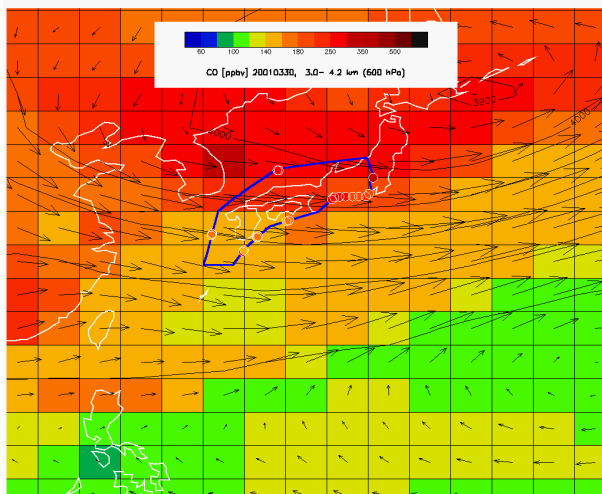
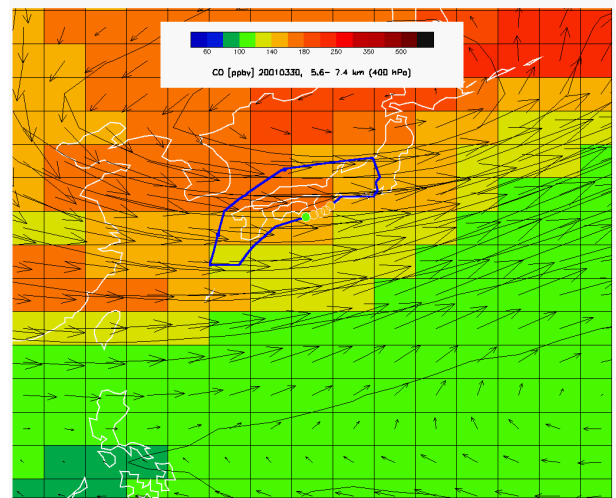
**29 MAR 2001**

DC-8 flight 16: Yokota local 4, sunrise



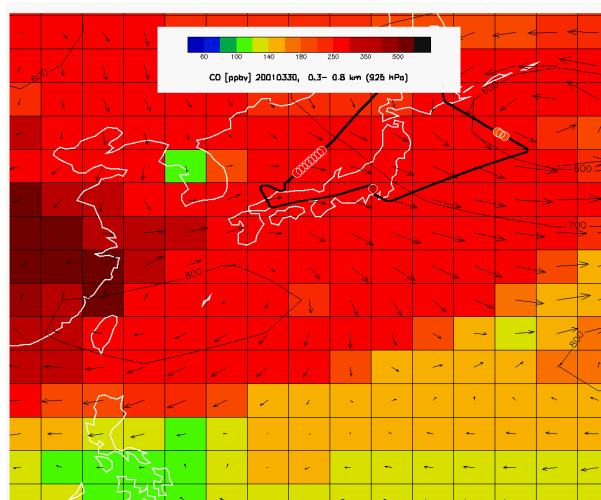
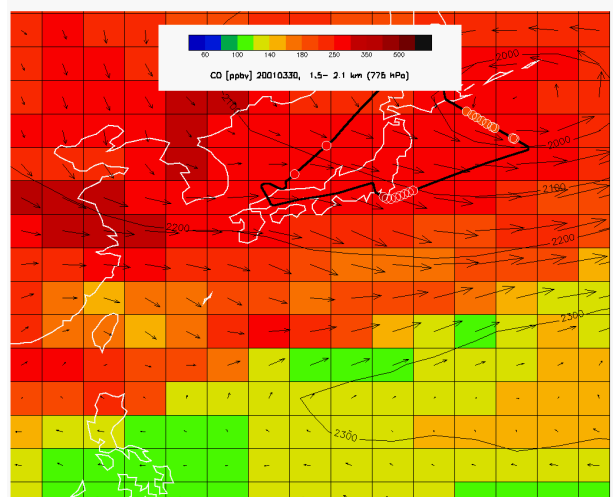
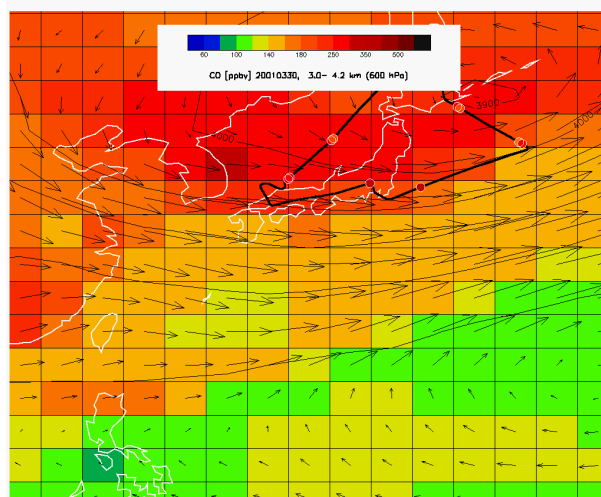
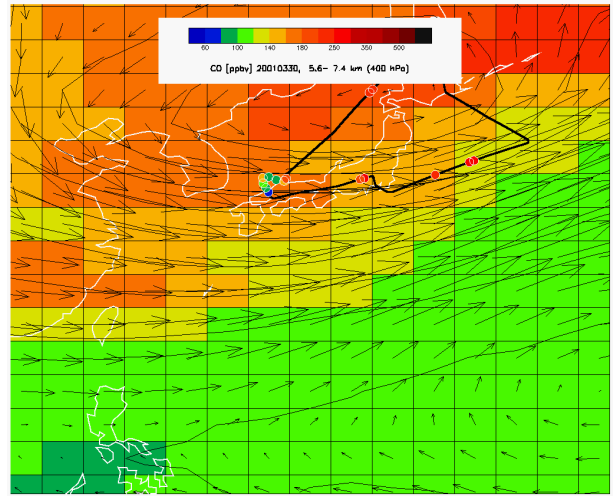
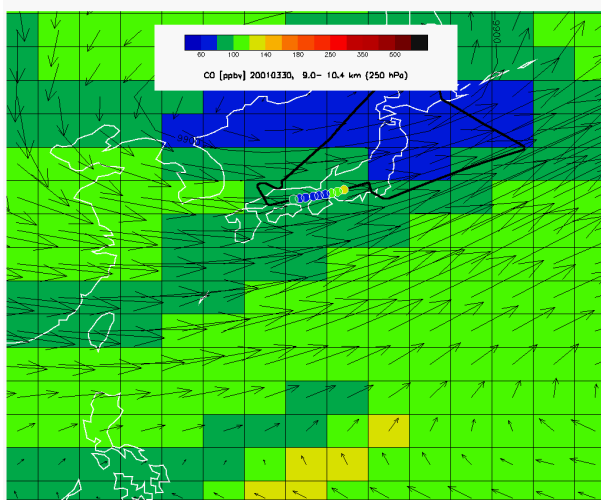
**30 MAR 2001**

P-3B flight 18: Yokota local 4



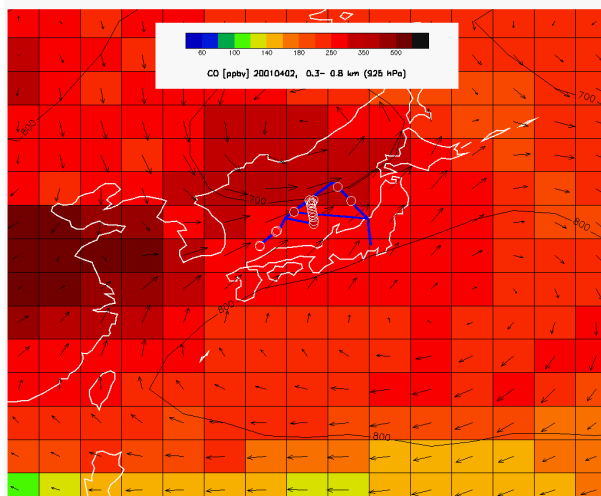
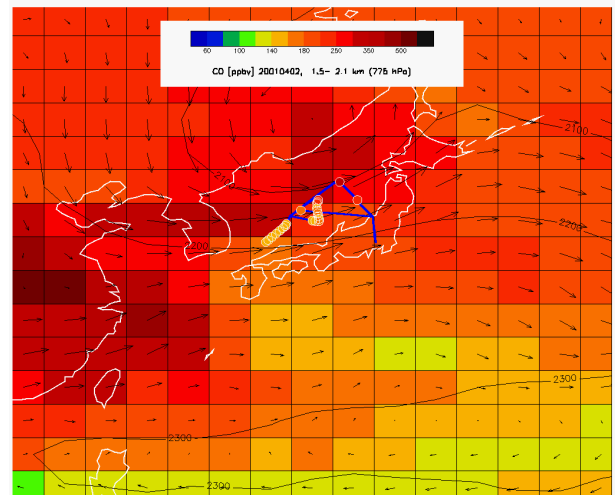
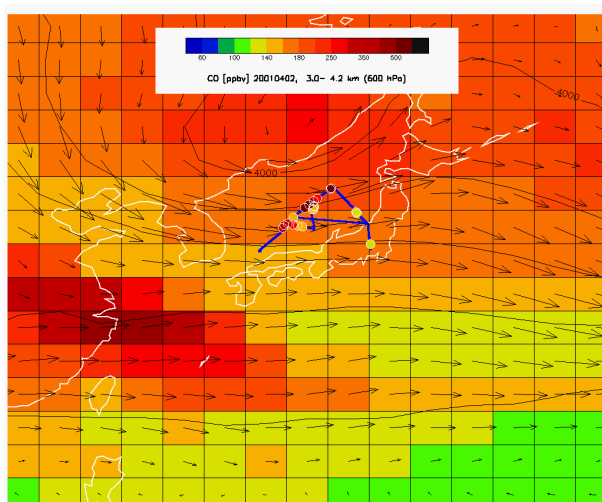
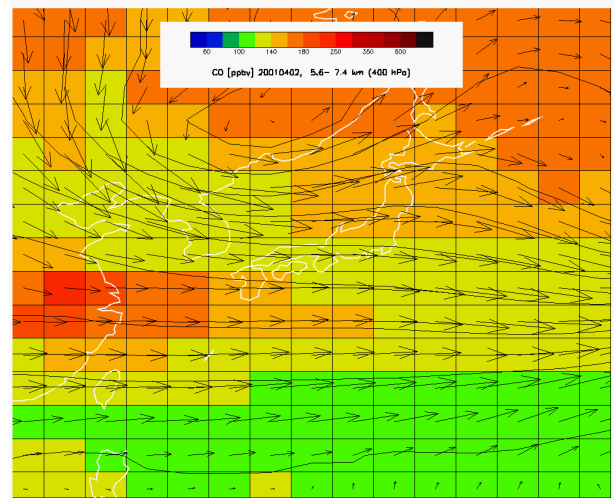
**31 MAR 2001**

DC-8 flight 17: Yokota local 5



**02 APR 2001**

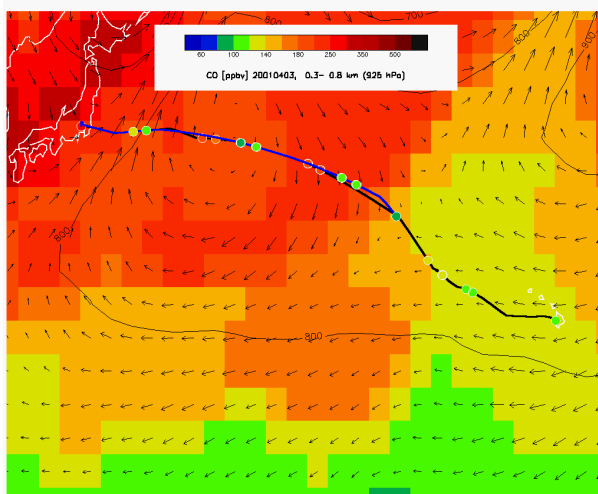
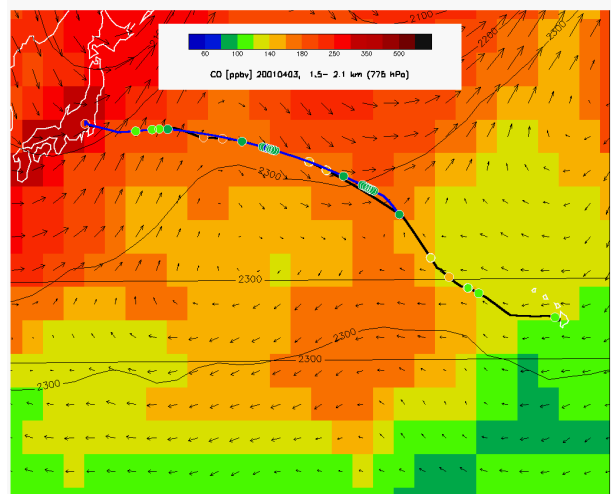
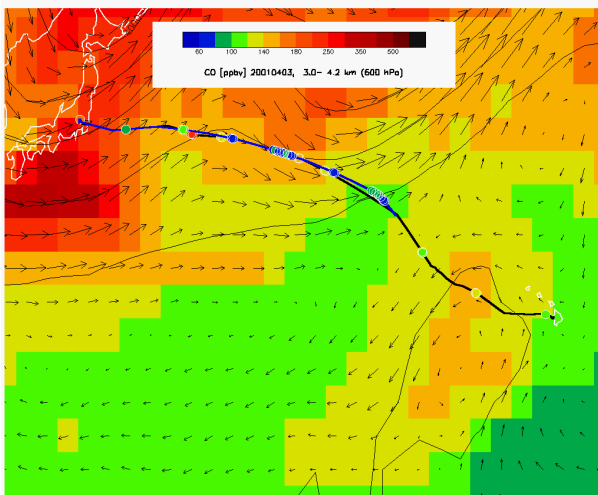
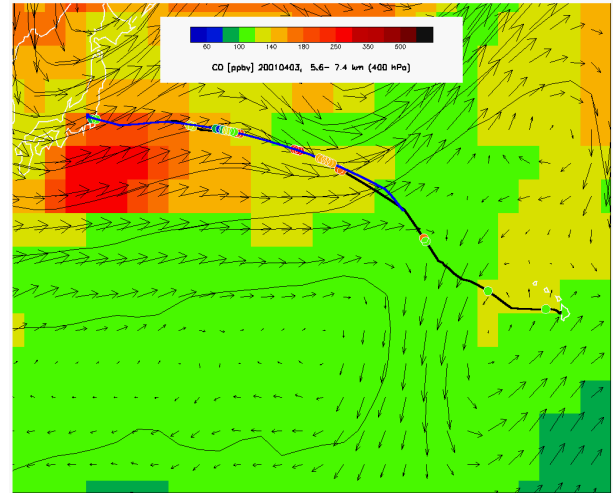
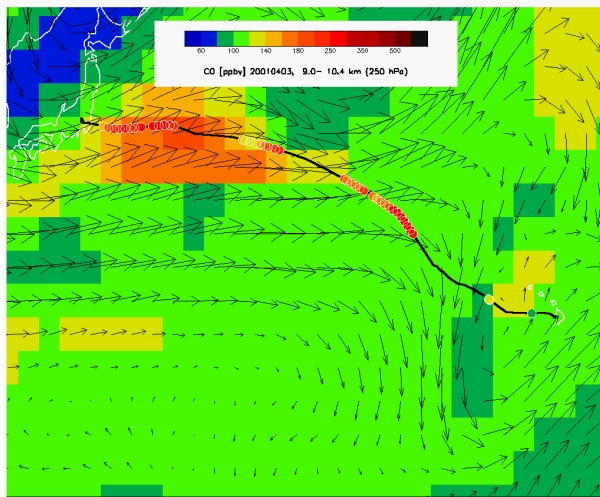
P-3B flight 19: Yokota local 5



**03 APR 2001**

DC-8 flight 18: Yokota-Kona

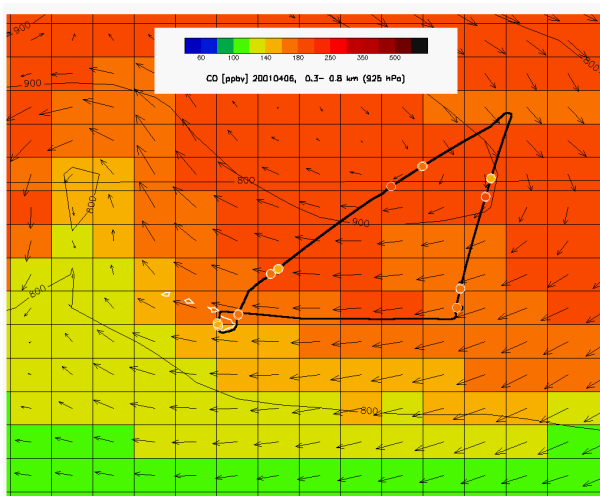
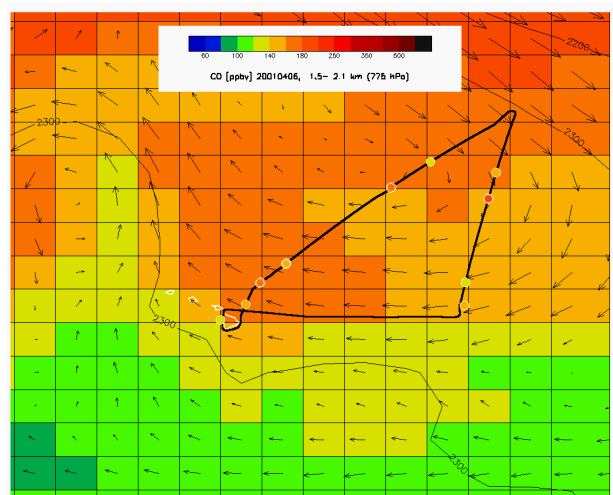
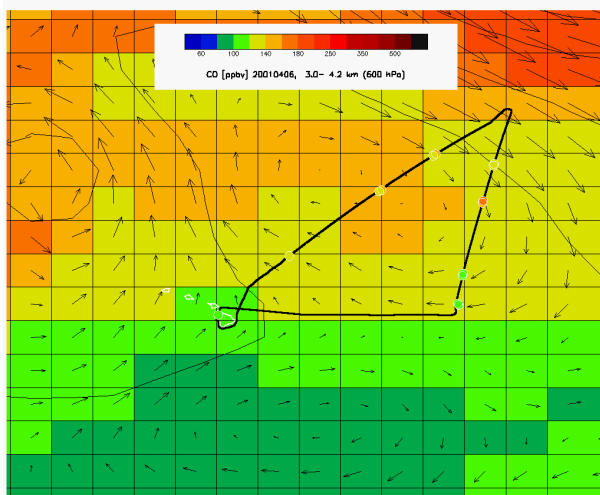
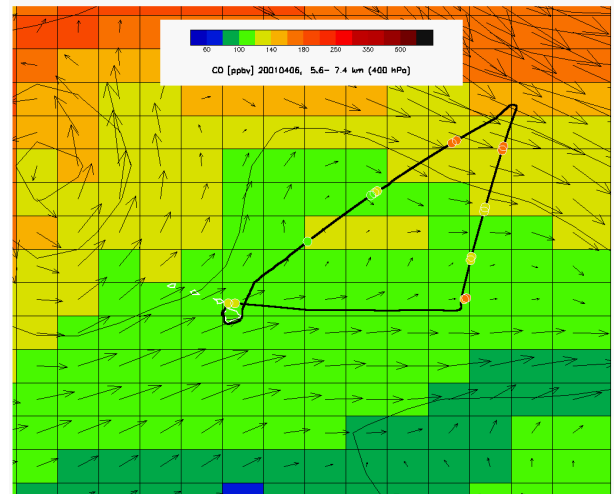
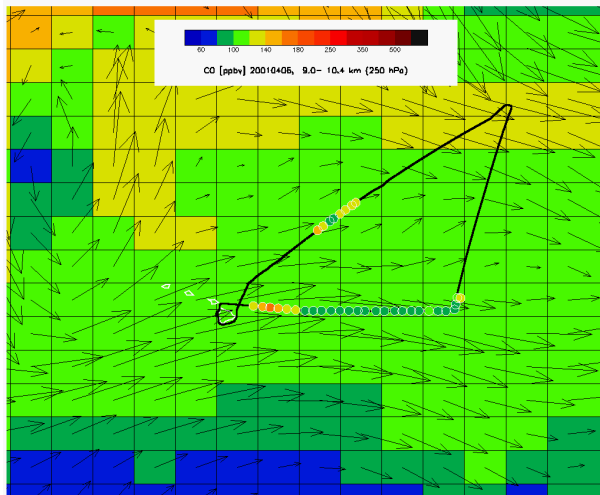
P-3B flight 20: Yokota-Midway



**06 APR 2001**

DC-8 flight 19: Kona local

(P-3B flight 21: Midway local on next page)

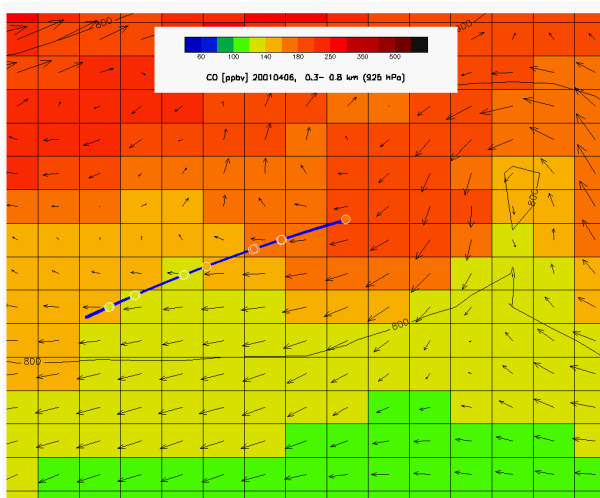
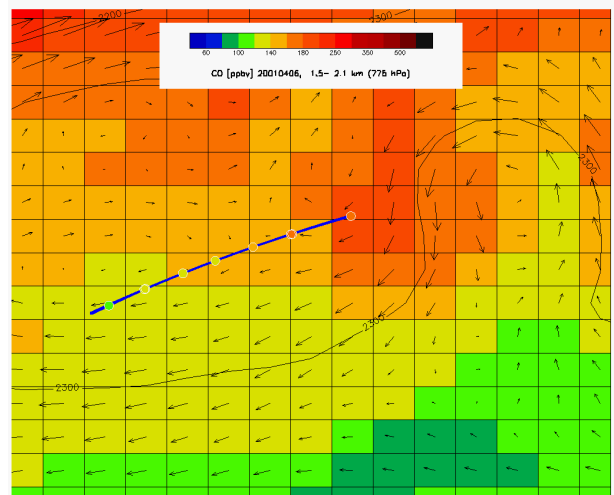
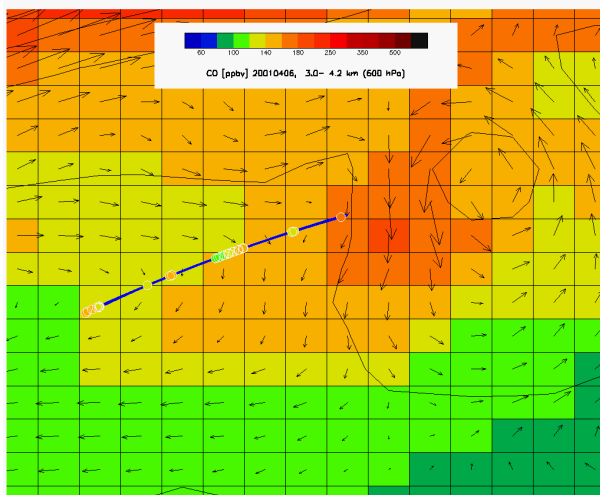
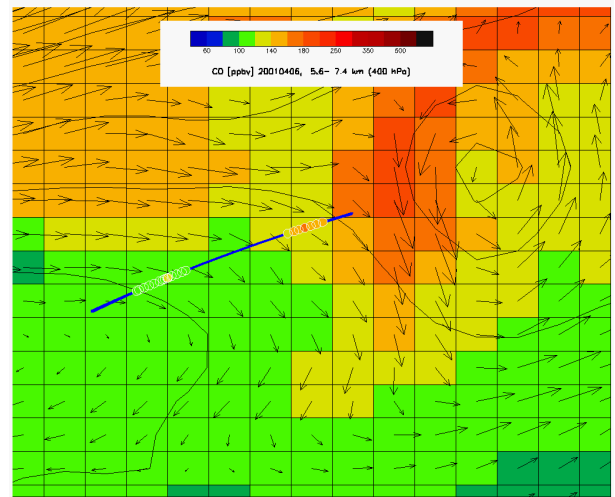




**06 APR 2001**

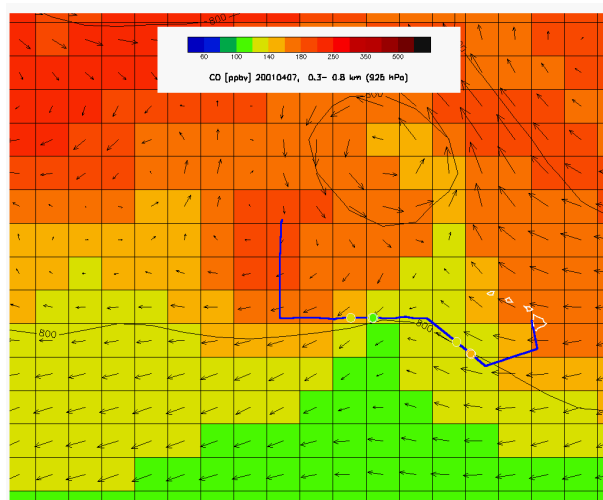
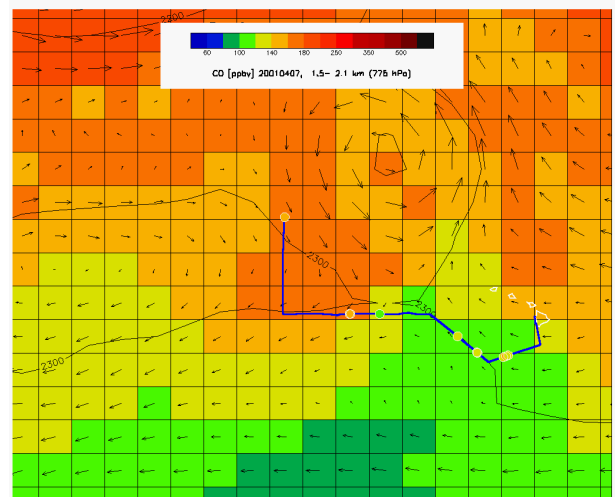
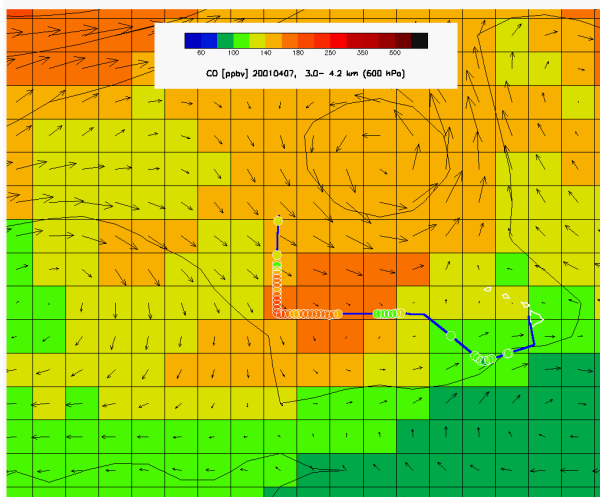
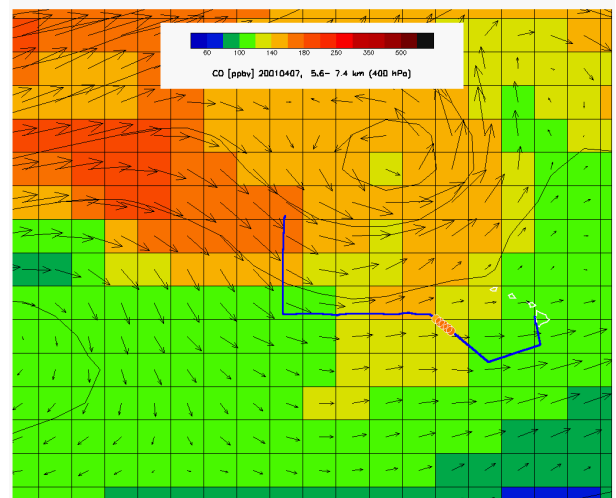
(DC-8 flight 19: Kona local on previous page)

P-3B flight 21: Midway local



**07 APR 2001**

P-3B flight 22: Midway-Kona



**09 APR 2001**

DC-8 flight 20: Kona-Dryden

P-3B flight 23: Kona-Dryden

