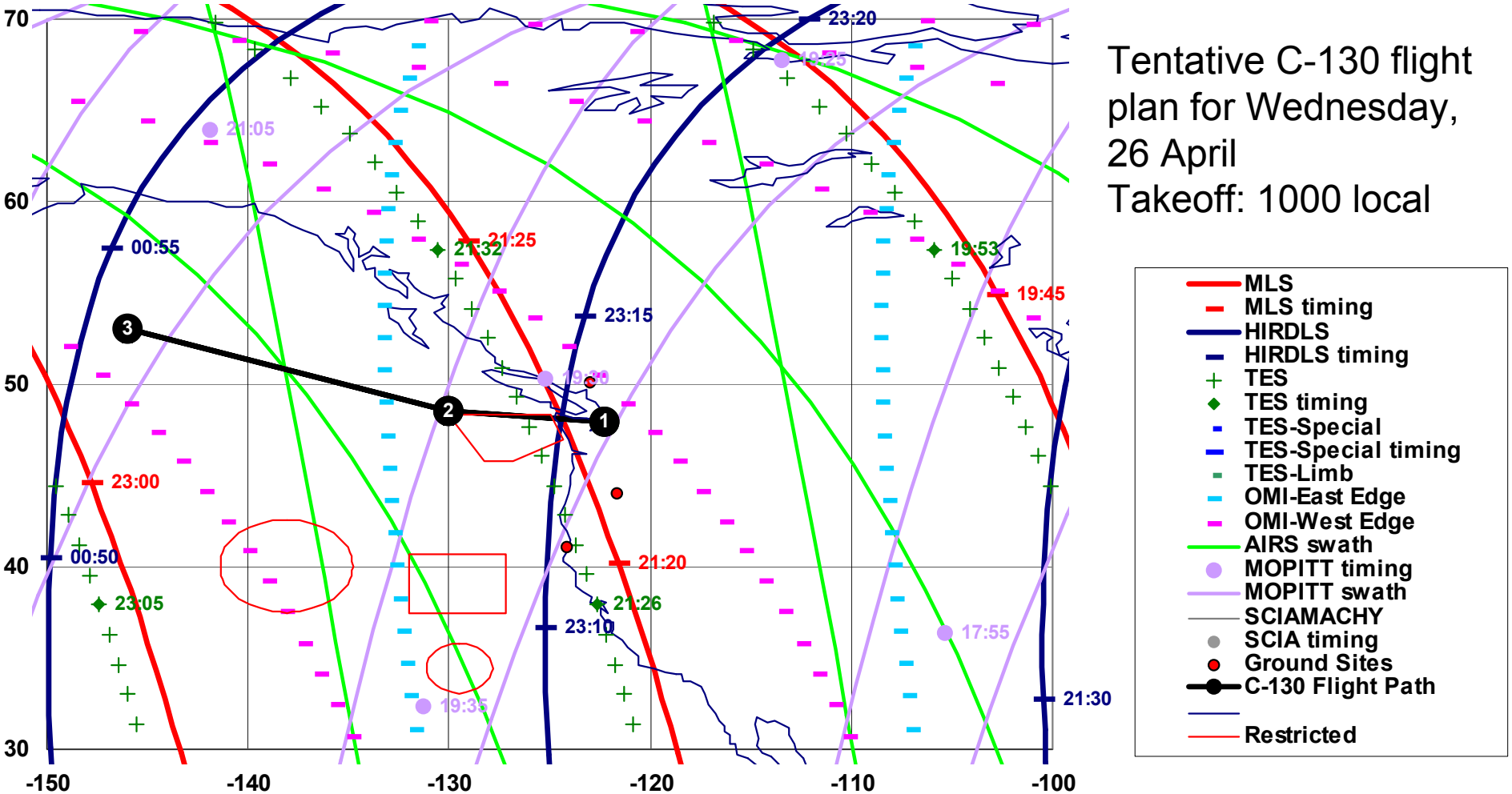
IMPEX C130 flight 4 (Seattle local 3)

26 April 2006.

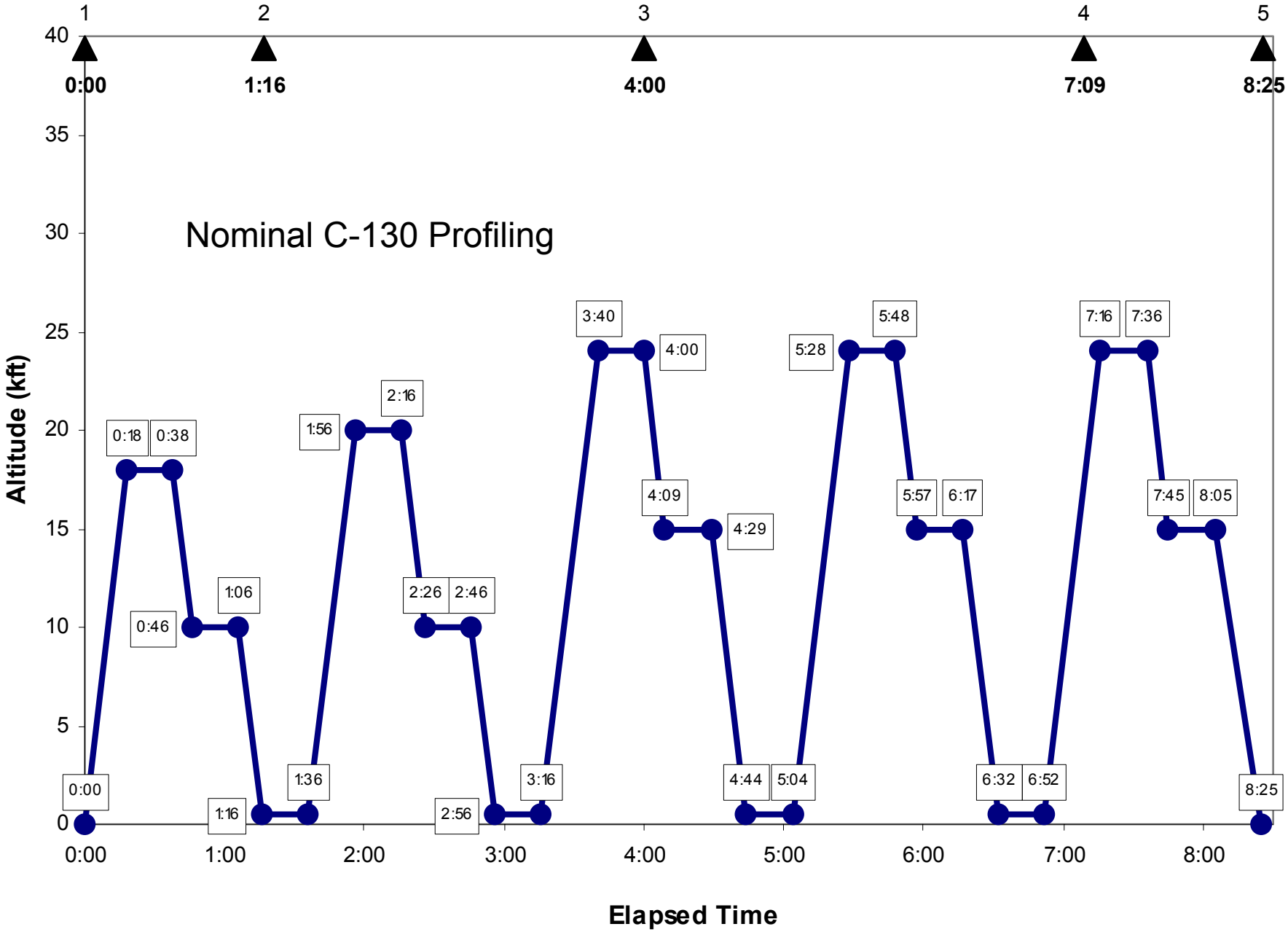
doors open / power on:	0700 PDT
takeoff:	1000 PDT (1700 GMT)
estimated landing:	1830 PDT (0130 GMT)

objectives:

- sample northern part of Asian pollution plume
- learn the models' predictive capabilities for Asian plumes



Way Point	Latitude (N) deg	Latitude (N) min	Longitude (W) deg	Longitude (W) min	Cum. Time	Leg Time	Local Time	UTC
1	47	54	122	17	0:00	0:00	10:00	17:00
2	48	30	130	0	1:16	1:16	11:16	18:16
3	53	0	146	0	4:00	2:43	14:00	21:00
4	48	30	130	0	7:09	2:43	17:09	0:09
5	47	54	122	17	8:25	1:16	18:25	1:25

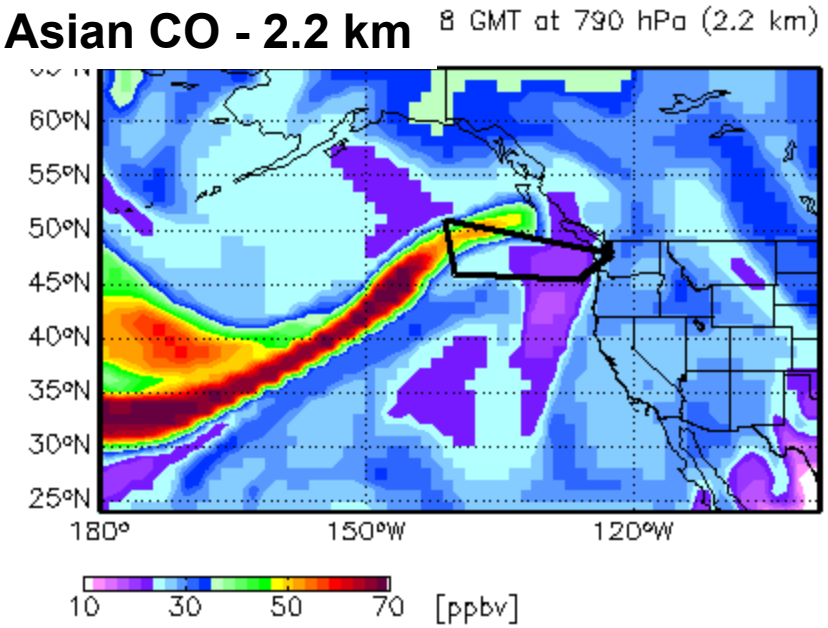


Note: In-Progress profiling in solid lines; Spirals in dashed lines; Way points annotated with triangles.

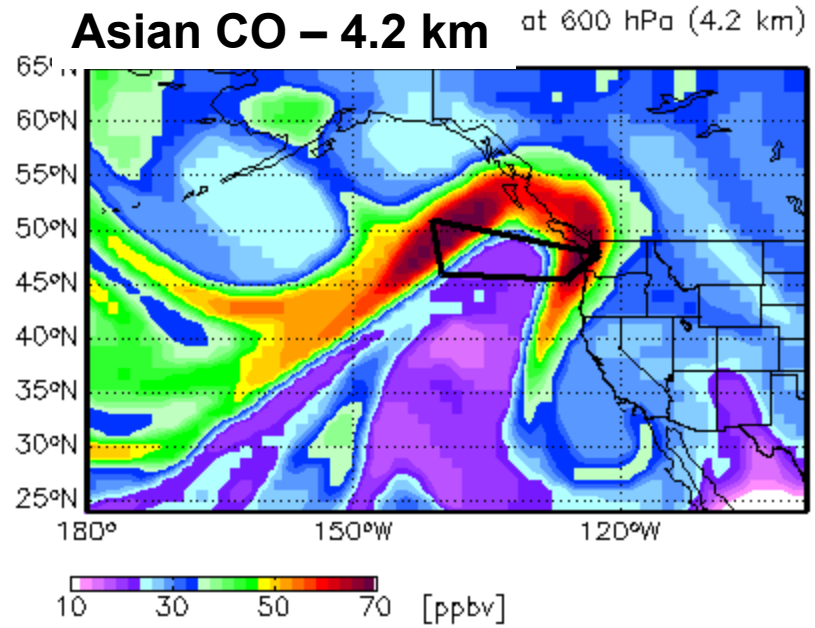
4/25 00Z forecast

Wednesday, 4/26, 18Z

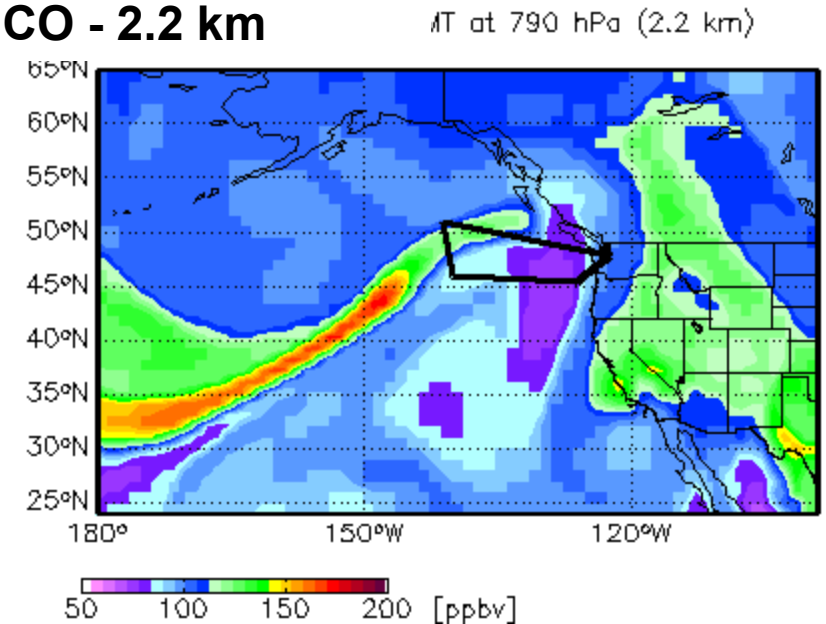
Asian CO - 2.2 km



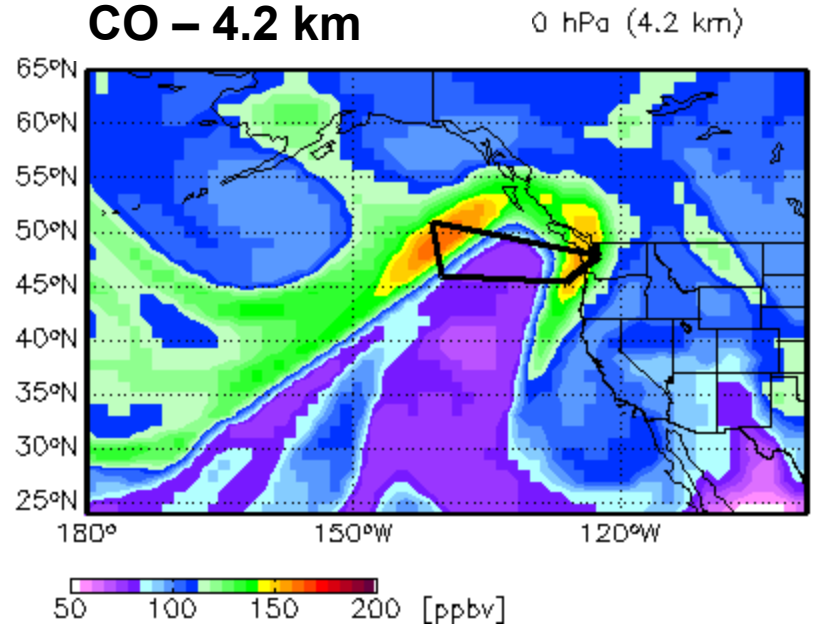
Asian CO – 4.2 km



CO - 2.2 km

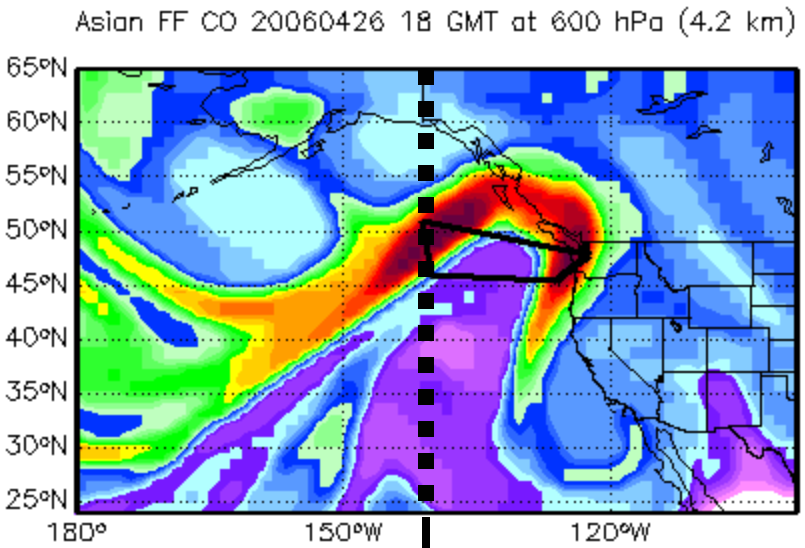


CO – 4.2 km

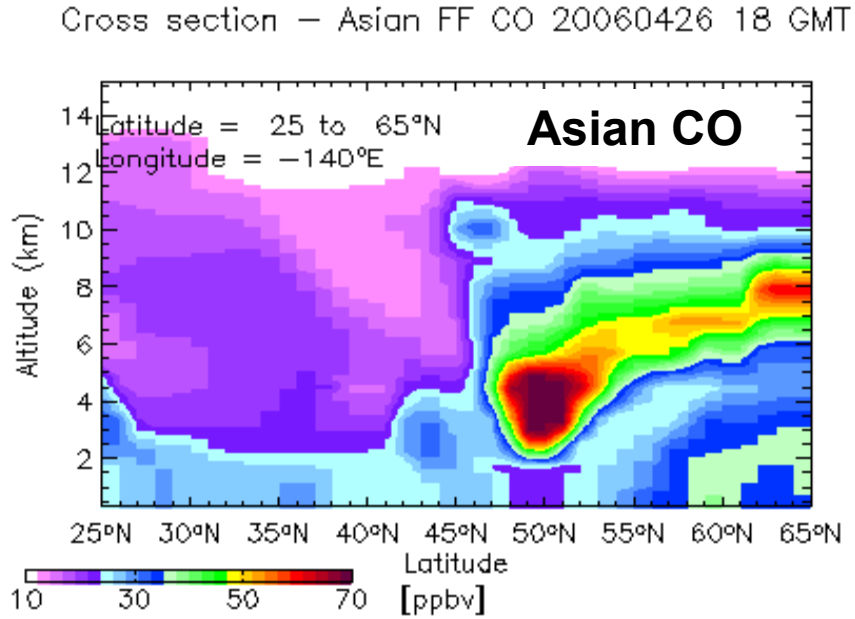


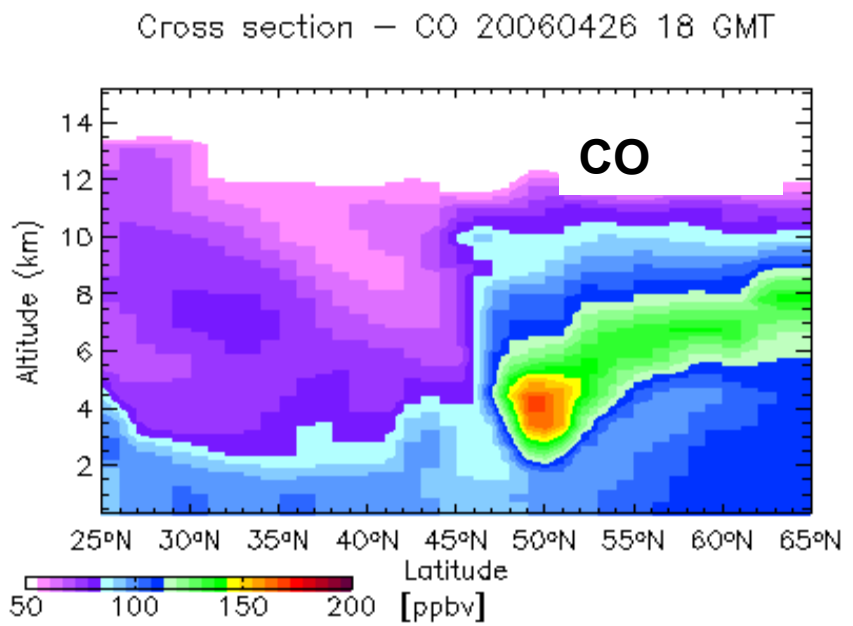
4/25 00Z forecast

Wednesday, 4/26, 18Z

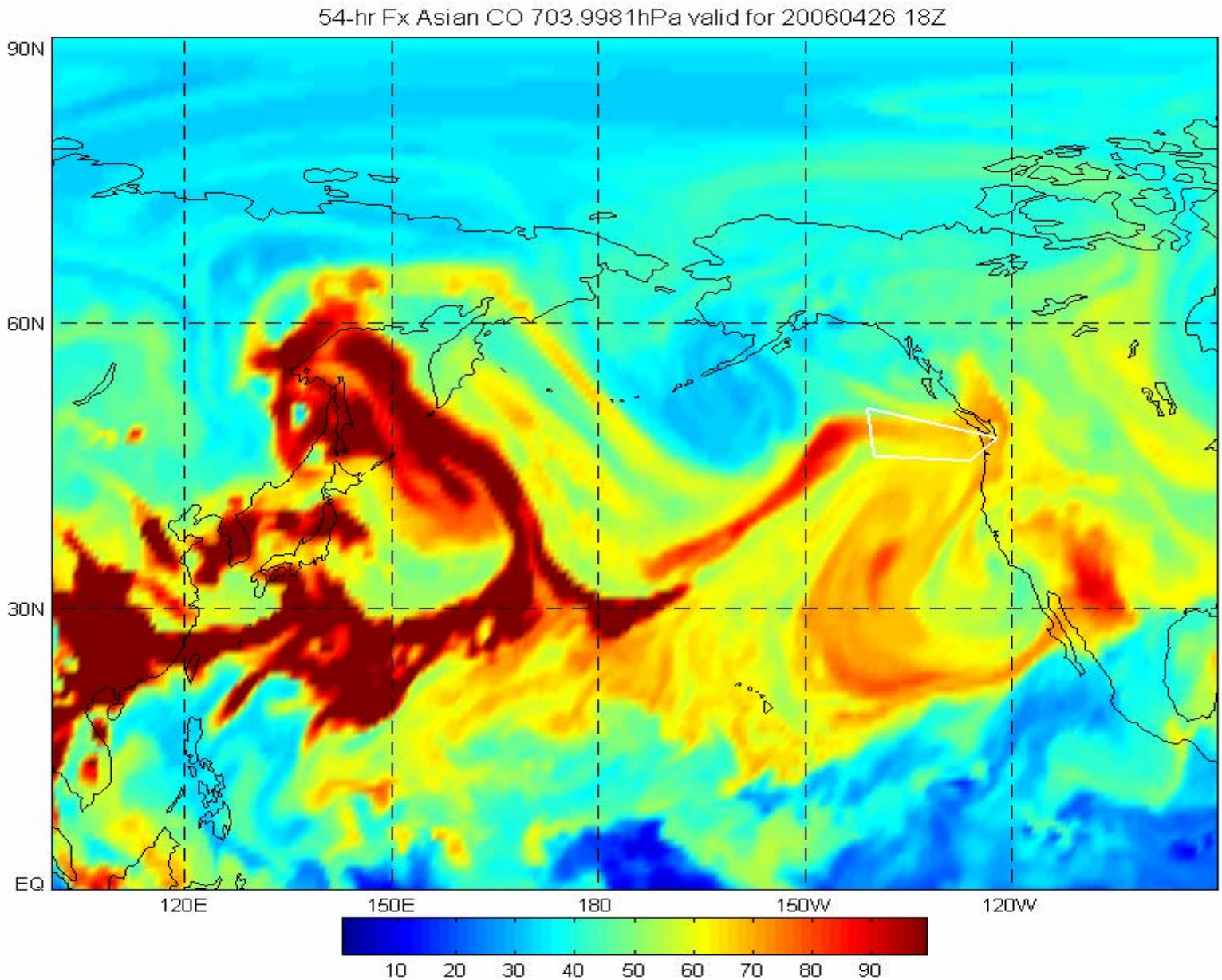


140W

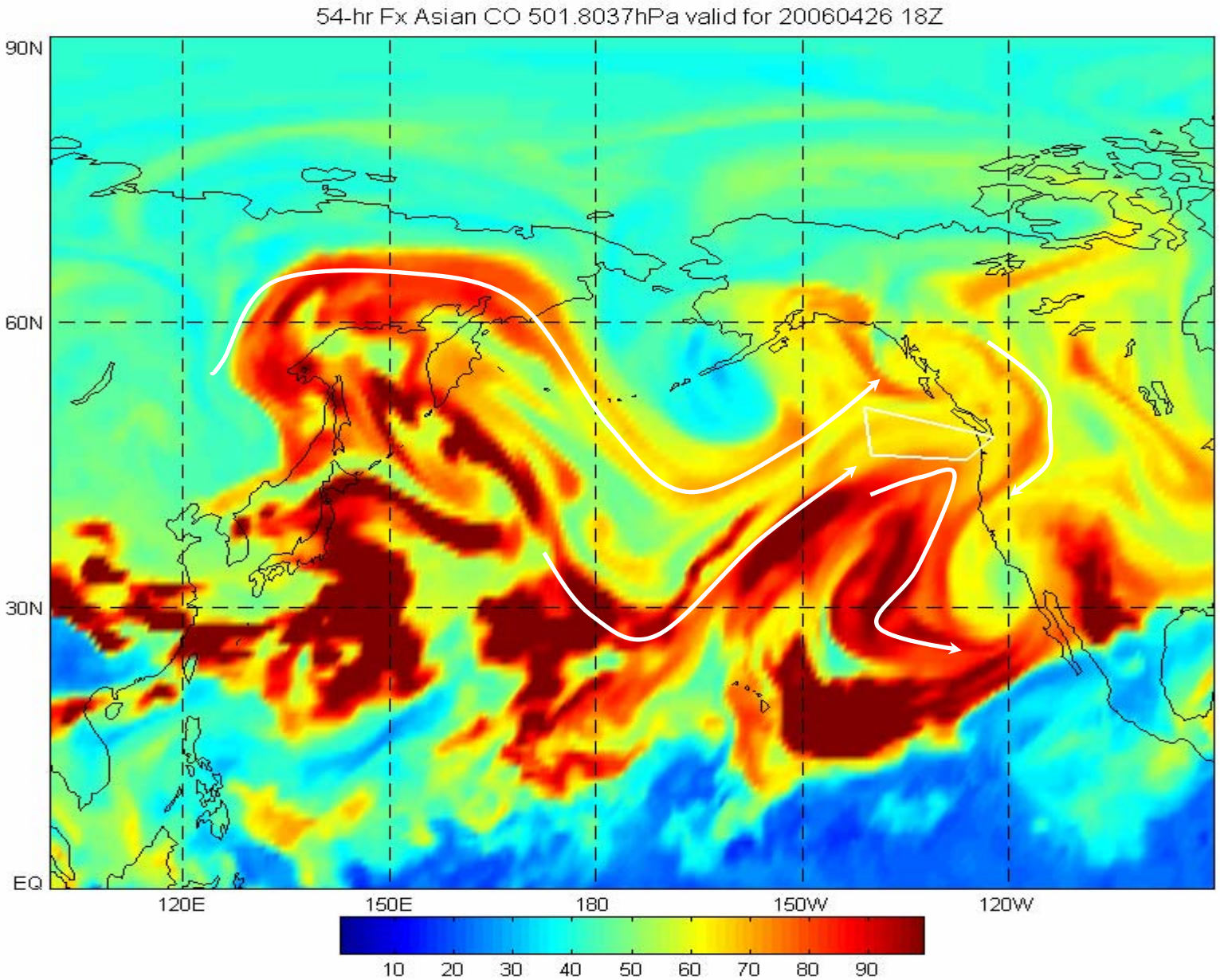




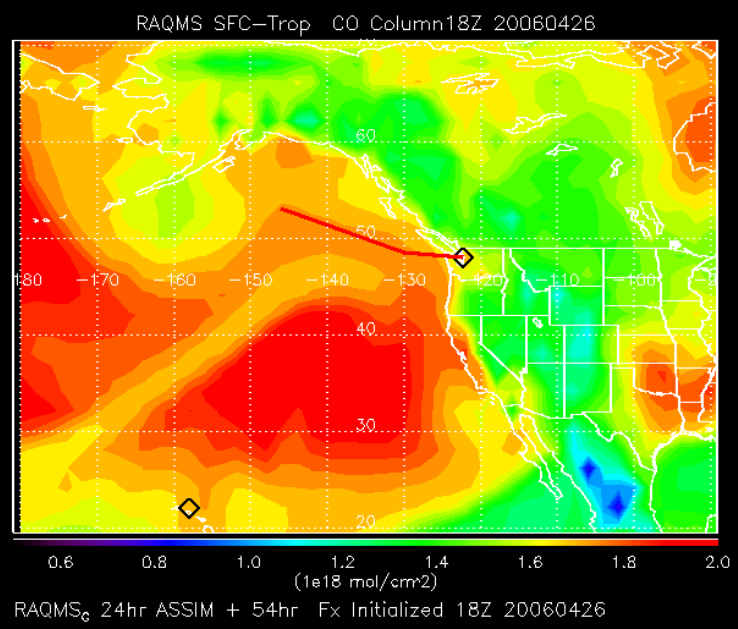
54-hr Forecast of CO (700 hPa) valid for 04/26 18Z

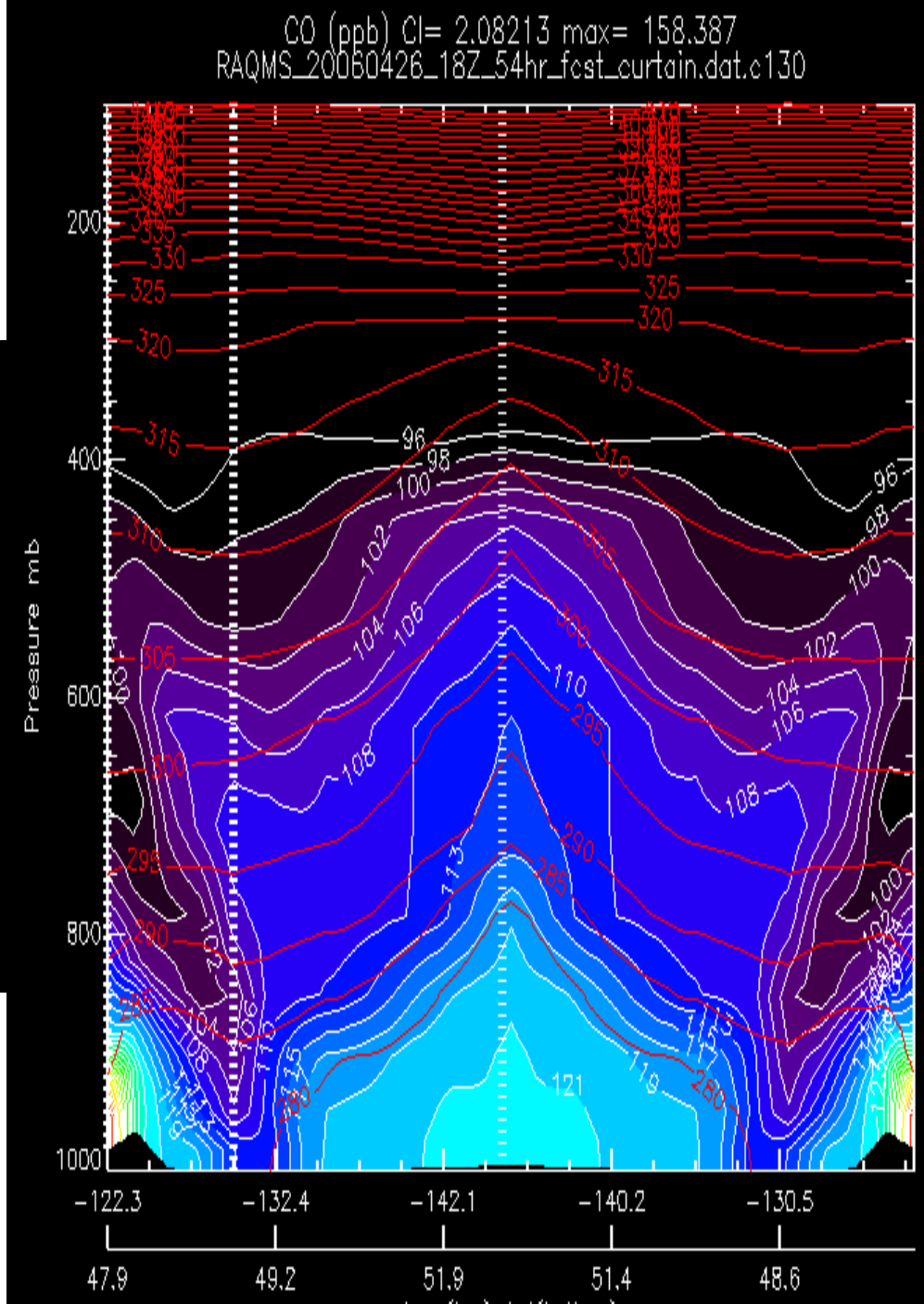
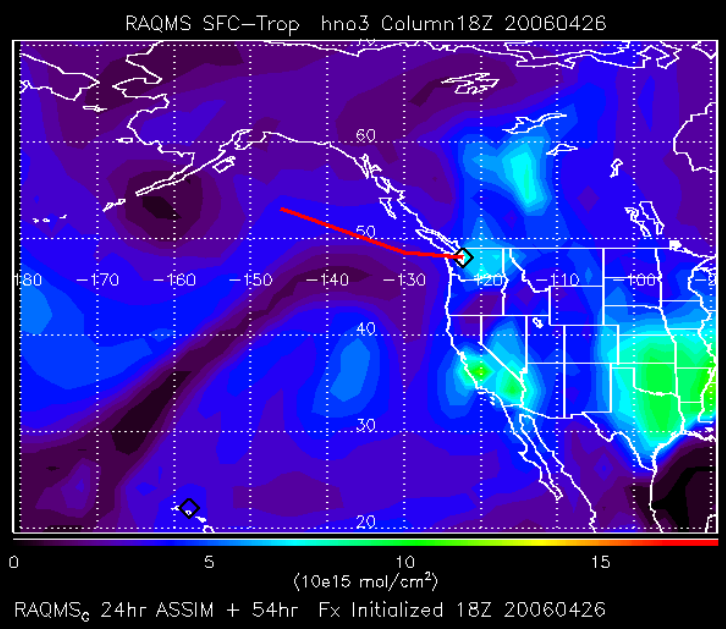
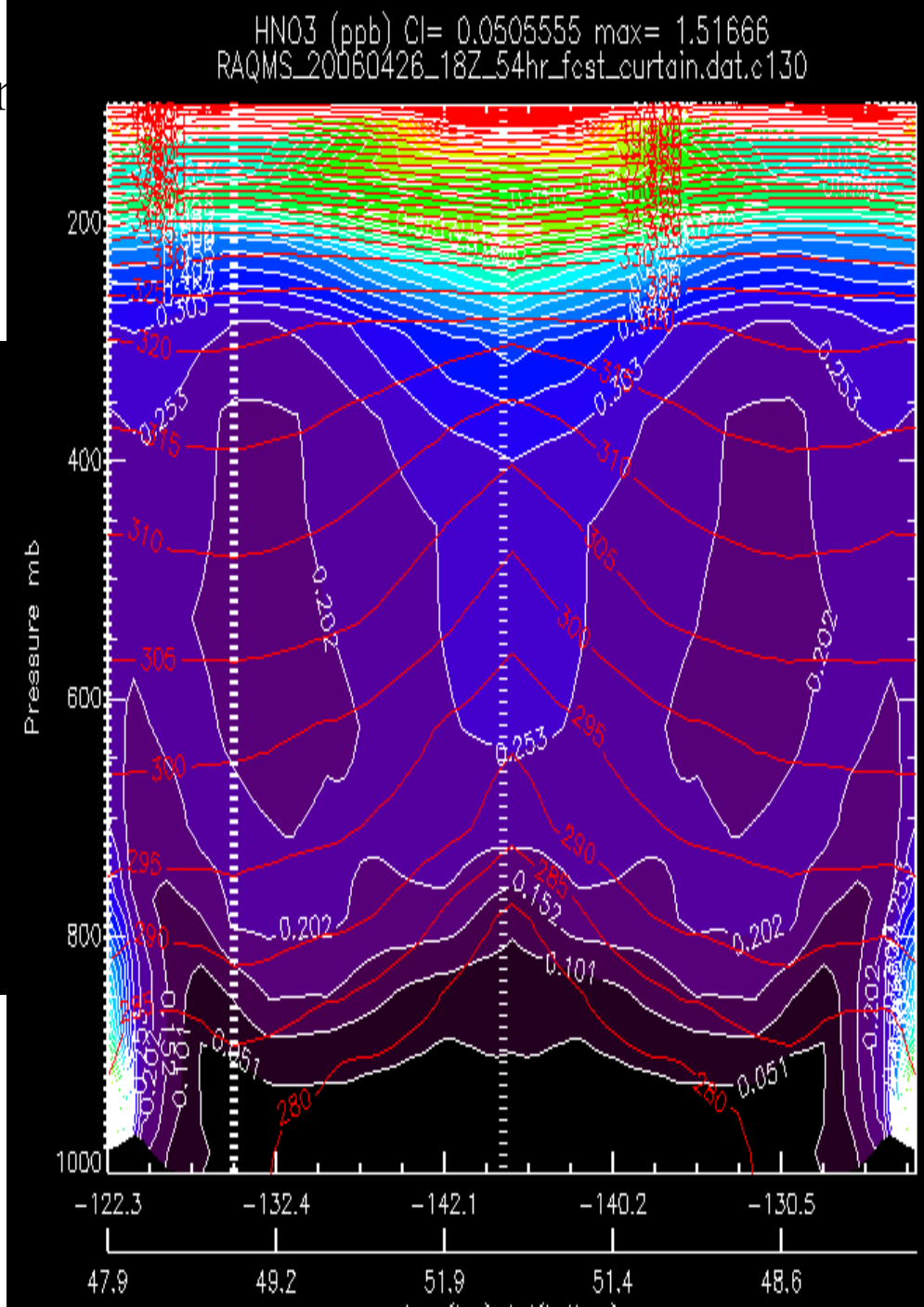


54-hr Forecast of CO (500 hPa) valid for 04/26 18Z



RAQMS Revised CO Curtain 54hr FX valid 18Z 04/26/06





RAQMS Revised HNO3 Curtain
54hr FX valid 18Z 04/26/06