

## Candidate Cases for Particle Transport Study by Wind Regime

<u>Case #</u>	<u>Date</u>	<u>Seeding time</u>	<u>Targeting wind</u>	<u>Wind Regime</u>
<b><u>South-Southwest Wind Regime</u></b>				
1.	Nov. 3, 2003	All 24 hrs	215 to 240 Deg.	Good SSW
28.	Feb. 22, 2004	All 24 hrs	220 to 175 Deg.	Trof Apch. Good SSW
29.	Feb. 24, 2004	All 24 hrs	175 to 240 Deg.	Trof ->NE Good SSW
<b><u>Southwest Wind Regime</u></b>				
2.	Nov 5, 2003	1100-0100 hrs	230 to 250 Deg.	Fair SW
3.	Nov 7, 2003	0830-0100 hrs	230 to 240 Deg.	Fair SW
<b><u>West-Southwest Wind Regime</u></b>				
4.	Nov 10, 2003	0730-next hrs	250 to 260 Deg.	Good WSW
6.	Nov 14, 2003	All 24 hrs	240 to 270 Deg.	Good WSW
19.	Dec 30, 2003	All 24 hrs	270 to 230 Deg.	Trof Apch Good WSW
20.	Jan. 2, 2004	All 24 hrs	250 to 265 Deg.	Good WSW
21.	Jan. 3, 2004	All 24 hrs	260 to 265 Deg.	Good WSW
<b><u>West Wind Regime</u></b>				
10.	Nov 25, 2003	0915-next hrs	260 to 275 Deg.	Fair West
22.	Jan 28, 2004	0700-0100 hrs	265 to 285 Deg.	Fair West
<b><u>West-Northwest Wind Regime</u></b>				
5.	Nov 11, 2003	All 24 hrs	260 to 290 Deg.	Good WNW
7.	Nov 17, 2003	All 24 hrs	270 to 305 Deg.	Good WNW
11.	Nov 26, 2003	All 24 hrs	275 to 325 Deg.	Good WNW

14.	Dec 13, 2003	0930-0100 hrs	300 Deg.	Fair WNW
23.	Jan. 29, 2004	Prev-1900 hrs	285 to 300 Deg.	OK WNW

**Northwest Wind Regime**

8.	Nov 18, 2003	Prev-1300 hrs	305 to 330 Deg.	Fair NW
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**North-Northwest Wind Regime**

12.	Nov 27, 2003	Prev-1400 hrs	330 to 350 Deg.	Fair NNW
15.	Dec 15, 2003	All 24 hrs	340 to 360 Deg.	Good NNW
25.	Feb. 4, 2004	All 24 hrs	310 to 350 Deg.	Cl. Low->SE Good NNW
26.	Feb. 5, 2004	All 24 hrs	350 to 360 Deg.	Good NNW
30.	Feb. 29, 2004	All 24 hrs	335 to 350 Deg.	Good NNW

**Changing Wind Regime due to Trough Passage (Tropa) or Moving Low Pressure System**

9.	Nov 22, 2003	0800-0100 hrs	230 to 305 Deg.	Tropa OK Tropa
13.	Dec 8, 2003	All 24 hrs	220 to 360 Deg.	Tropa Good Tropa
16.	Dec 21, 2003	0800-0100 hrs	245 to 290 Deg.	Tropa Fair Tropa
17.	Dec 26, 2003	All 24 hrs	210 to 260 Deg.	Fair Tropa
18.	Dec 27, 2003	All 24 hrs	260 to 310 Deg.	Tropa OK Tropa
24.	Jan 31, 2004	All 24 hrs	260 to 350 Deg.	Tropa OK Tropa
27.	Feb 8, 2004	All 24 hrs	190-265-340 Deg.	Cl. Lo>SE Like Tropa