

NASA INTEX-A DATA REVIEW MEETING
VIRGINIA BEACH, VA
29 MARCH – 1 APRIL 2005

AGENDA

Tuesday, 29 March

7:30a	Registration	All
8:30a	Welcome/NASA HQ perspective	Gleason
8:45a	Objective of workshop	Singh
9:00a	Data status	Crawford

OVERVIEW

9:15a	INTEX mission overview	Singh
9:45a	Meteorological overview	Fuelberg

10:15a Break

10:30a	Flight planning perspective	Jacob
10:50a	NOAA status	Fehsenfeld
11:20a	Quasi-Lagrangian overview	Avery
11:30a	Instrument intercomparison overview	Chen

12:00n Lunch

ATMOSPHERIC COMPOSITION

1:00p	UV-DIAL	Browell
1:20p	Ozone	Avery
1:40p	DACOM	Sachse
1:55p	DLH water vapor	Diskin
2:10p	Cryogenic hygrometer and filter radiometer	Barrick
2:25p	Nitrogen oxides	Cohen
2:45p	GT-LIF	Tan

3:00p Break

3:15p	CO ₂ /CO ₂ -FTS	Vay
3:35p	Hydrocarbons and halocarbons	Blake
3:55p	PAN, carbonyls, alcohols, nitriles	Singh

OZONESONDES AND GROUND STATIONS

4:15p	IONS overview	Thompson
4:25p	Ozonesonde study	Merrill
4:55p	AIRMAP observations	Sive

5:15p Dinner

7:00p Poster session and cash bar

Wednesday, 30 March

8:30a	ITOP status	Lewis
<i>AEROSOLS</i>		
8:50a	Aerosol distributions	Anderson
9:10a	Aerosol optical properties	Clarke
9:30a	Submicron aerosol composition	Weber
9:50a	Bulk aerosol composition, HNO ₃	Dibb
10:10a	SO ₂ and HNO ₄	Huey
10:30a	<i>Break</i>	
<i>PHOTOCHEMISTRY</i>		
10:45a	Photolysis frequencies	Shetter
11:05a	HO _x /NO measurements	Brune
11:25a	Peroxides and formaldehyde	Heikes
11:45a	Formaldehyde	Fried
12:00n	H ₂ O ₂ , PAA, nitric acid	Crouse
12:20p	<i>Lunch</i>	
1:30p	Photochemical modeling and analysis	Crawford
<i>REMOTE OBSERVATIONS, ANALYSES, AND MODELS</i>		
1:50p	Meteorological analyses	Fuelberg
2:10p	Satellite observations	Thompson
2:30p	MOPITT	Emmons
2:50p	AIRS	McMillan
3:10p	<i>Break</i>	
3:25p	MicroMAPS/Proteus	Connors
3:40p	SCIAMACHY	Martin
4:00p	MISR	McNaughton/Kahn
4:20p	J-31	Russell
4:40p	Aerosol radiative forcing	Redemann
4:55p	Regional modeling and analysis	Carmichael
5:10p	GEOS-CHEM modeling and analysis	Hudman/Turquety/Li
5:30p	RAQMS modeling and analysis	Pierce
5:50p	<i>Adjourn for the day</i>	

Thursday, 31 March

- 8:30a Organization of working groups Singh, leader
- 9:00a Working group breakout sessions (break @ 10:15a) (Working group leaders TBD)
Possible topics:
- Transport processes and air mass characterization
 - Photochemistry and models
 - Biomass burning
 - Satellite validation/integration with aircraft data/sondes
- 12:00n *Lunch*
- 1:00p Working group breakout sessions (break @ 2:45p) (Working group leaders TBD)
Possible topics:
- Source quantification
 - Measurement issues/intercomparisons
 - Aerosol/radiation
 - Convective/lightning influences
- Charge to working groups:*
- Review current analysis and manuscript plans
 - How far along are the current efforts?
 - Identify, resolve overlaps
 - Identify avenues for fruitful collaboration
 - Identify publications and classify into themes
 - Identify needs for early publications
 - Identify gaps, outstanding problems, and make plans for addressing them
- 4:00p Working group reports (10 min/group) Working group leaders
- 5: 30p *Adjourn for the day*

Friday, 1 April

- Future/Where do we go from here?* Gleason/Singh, leaders
- 8:30a Aura capabilities, plans, and needs Schoeberl
- 9:00a AROTAL McGee
- 9:20a INTEX-B status and planning Gleason/Singh
- 9:40a IPY 2007/2008 Singh
- 9:50a INTEX-A wrap-up discussion Gleason/Singh
- Addressing gaps and needs for collaborations
 - Plans for second data workshop
 - Publications and schedule
 - Other issues (funding, future white papers, etc.)
- 11:30a *Adjourn*