

ARC-IONS Data Workshop Agenda, 7-8 January 2009
Wycliffe College, University of Toronto

7 January : Overview, Spring and Summer, BrO		
09:00	Introduction and welcome	D. Jones
09:15	ARCTAS Overview	J. Dibb
09:40	Tropospheric Ozone Surface Depletion (Spring) and Pollution (Summer) in 2008 from ARC-IONS	A. Thompson
10:05	ARC-IONS - First results from a North American Strategic Network	D. Tarasick
10:30	break	
11:00	Boreal Fires in Western Canada during ARC-IONS	B. Stocks
11:25	Ozone budgets in summer during ARC-IONS	Luzik/Gallagher
11:50	First results from a tropospheric ozone DIAL at Egbert	B. Firanski
12:05	lunch	
1:00	Comparison of Summit, Greenland with eastern Canada in Spring and Summer	S. Oltmans
1:25	Greenland Overview	J. Dibb
1:50	BrO from satellites	K. Chance
2:20	Reconciling satellite and in-situ BrO measurements	R. Salawitch
2:45	First results from OASIS	J. Bottenheim
3:05	break	
3:30	Daily Ozone and Meteorological Profiles at Barrow During ARCTAS	B. Johnson
3:45	The ACE Validation Campaign at Eureka	K. Walker
4:00	Comparison of ground-based measurements and the ARCTAS flights over Eureka	K. Strong
4:15	BrO retrievals	C. Adams
4:30	Discussion – Where do we go from here?	Salawitch/Oltmans
	Group Dinner	
8 January : STE, Satellite and models		
09:00	Tropospheric Intrusions from START08	L. Pan
09:25	Windprofiler radars and detection of STE events	W. Hocking
09:50	Stratospheric Intrusions at Eureka?	M. Osman
10:05	Looking for STE in Brewer and TES data	H. He
10:20	Layered Profile Characteristics	J. Merrill
10:35	break	
11:00	Discussion	Pan/Hocking
12:00	lunch	
1:00	TES: Data Update and Current Science Studies and Applications	G. Osterman
1:25	TES Validation	C. Boxe
1:40	GEM-AQ	J. McConnell
1:55	GEM-MACH	M. Moran
2:10	Integrated analysis of the impact of long-range transport of midlatitude pollution on ozone abundances in the Arctic troposphere	T. Walker
2:25	Assimilating tropospheric O ₃ observations from TES	M. Parrington
2:40	break	
3:00	Discussion – next steps	Stocks/McConnell
4:00	Wrap-up	Tarasick/Thompson