

Subject: Re: Global (Holy Crapola)
From: bcolemanconroy <bcolemanconroy8@yahoo.com>
Date: Tue, 24 Oct 2006 11:23:05 -0700 (PDT)
To: RPeterson <10SNE2@prodigy.net>

[Earth]

PEM West-B Data Archive[\[GTE Logo\]](#)

These data can also be searched on a flight-by-flight basis at the Langley Research Center's [Distributed Active Archive Center](#) . All parameters for a specific flight can be downloaded for those who desire this option.

A Flight Map is also available for [PEM West B](#) showing the individual flights along with plots made from this data.

[Merged data sets for PEM West B.](#)
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PI	TECHNIQUE	PLATFORM	SPECIES	FILE NAME	CURRENT GTE ARCHIVE
B. Anderson	Modified Licor	DC-8	CO ₂ (Carbon dioxide)	ABCD1D04.PWB-19	10/14/94
A. Bandy	CT/GC/MS/ILS	DC-8	SO ₂ (Sulfur dioxide), DMS (Dimethyl sulfide), OCS (Carbonyl sulfide)	DUSU1D01.PWB-02 03-11, 13-17 12, 18	11/01/94 09/10/94 11/04/94
D. Blake	Grab Samples/GC	DC-8	NMHC, Halocarbons: CCl ₂ F ₂ (CFC-12) CCl ₃ F (CFC-11) CCl ₂ FCClF ₂ (CDC-113) CClF ₂ CClF ₂ (CFC-114) CHClF ₂ (HCFC-22) CBrF ₃ (H-1301) CBrClF ₂ (H-1211) CH ₃ Cl (Methyl chloride) CH ₃ Br (Methyl bromide) CH ₃ I (Methyl iodine) CHCl ₃ (Chloroform) CH ₃ CCl ₃ (Trichloroethane) CCl ₄ (Carbon tetrachloride) CH ₂ Cl ₂ (Dichloromethane) C ₂ HCl ₃ (Trichloroethylene) C ₂ Cl ₄ (Tetrachloroethylene) C ₂ H ₆ (Ethane) C ₂ H ₄ (Ethene) C ₂ H ₂ (Ethyne) C ₃ H ₈ (Propane) C ₃ H ₆ (Propene) C ₃ H ₄ (Propyne) n-C ₄ H ₁₀ (n-Butane) i-C ₄ H ₁₀ (i-Butane) 1-C ₄ H ₈ (1-Butene) t-2-C ₄ H ₈ (t-2-Butene) c-2-C ₄ H ₈ (c-2-Butene) 1,3-Butadiene 1-C ₄ H ₆ (1-Butyne) 2-C ₄ H ₆ (2-Butyne) n-C ₅ H ₁₂ (n-Pentane) i-C ₅ H ₁₂ (i-Pentane) C ₅ H ₁₀ (Cyclopentane) C ₅ H ₈ (Isoprene) n-C ₆ H ₁₄ (n-Hexane) C ₆ H ₁₂ (Methylcyclopentane) 2-C ₆ H ₁₄ (2-Methylpentane)	UCGC1D05.PWB-19	04/25/95

			3-C6H14 (3-Methylpentane) C6H12 (Cyclohexane) C6H10 (Cyclohexene) C6H6 (Benzene) n-C7H16 (n-Heptane) 2,4-C7H16 (2,4-Dimethylpentane) C7H14 (Methylcyclohexane) C7H12 (Methylcyclohexene) C7H8 (Toluene) 2,3,4-C8H18 (2,3,4-Trimethylpentane) 2,2,4-C8H18 (2,2,4-Trimethylpentane) C8H10 (Ethylbenzene) p-C8H10 (p-Xylene) m-C8H10 (m-Xylene) o-C8H10 (o-Xylene) C8H8 (Styrene) n-C9H20 (n-Nonane) p-C10H14 (p-Cymene) 1,2,4-C9H12 (1,2,4-Trimethylbenzene) 1,3,5-C9H12 (1,3,5-Trimethylbenzene) C9H12 (Cumene) C9H12 (Propylbenzene) (-)-C10H16 ((-) a-Pinene) (+)-a-C10H16 ((+) a-Pinene) C10H16 (Camphene) b-C10H16 (b-Pinene) d-C10H16 (d-Limonene) C10H16 (Terpinolen)		
J. Bradshaw	Laser Induced Fluorescence	DC-8	NO _y	GTGP1D06.PWB-19	05/09/95
J. Bradshaw	Laser Induced Fluorescence	DC-8	NO _y	GTSG1D06.PWB-17, 19 18	05/03/95 04/28/95
J. Bradshaw	Laser Induced Fluorescence	DC-8	NO (Nitric oxide)	GTNO1D05.PWB-19	12/02/94
E. Browell	DIAL (Differential Absorption Lidar)	DC-8	IR Aerosol Scattering Ratio (1064nm)	BEIR1D05.ZIP-19	07/24/02
E. Browell	DIAL (Differential Absorption Lidar)	DC-8	O3 (Ozone) Mixing Ratio Profile	BEO31D05.PWB-19	05/01/98
E. Browell	DIAL (Differential Absorption Lidar)	DC-8	O3 (Ozone) Mixing Ratio Profile	BEO32D08.PWB BEO33D08.PWB	05/01/98
E. Browell	DIAL (Differential Absorption Lidar)	DC-8	Trop Ht., O ₃ (Ozone) Column density	BETC1D05.PWB-19	04/28/97
E. Browell	DIAL (Differential Absorption Lidar)	DC-8	Trop Ht, O ₃ (Ozone) Column density	BETC2D08.PWB	04/28/97
E. Browell	DIAL (Differential Absorption Lidar)	DC-8	Trop Ht, O ₃ (Ozone) Column density	BETC3D08.PWB	04/28/97
E. Browell	DIAL (Differential Absorption Lidar)	DC-8	Visible Aerosol Scattering Ratio	BEVS1D05.ZIP-19	07/24/02
E. Browell	DIAL (Differential Absorption Lidar)	DC-8	DIAL Aerosol Wavelength Dependence (1064nm/587nm)	BEWD1D05.ZIP-19	07/24/02
S. Goodman	DMSP OLS	DC-8	Monthly Total Lightning Flashes (Feb) Monthly Total Lightning Flashes (Mar)	SGOLSX01.PWB SGOLSX02.PWB	04/24/96 04/24/96
G. Gregory	NO Chemiluminescence/Condensation Nuclei Counter	DC-8	O3 (Ozone), Aerosol number density	GG031D05.PWB-19	09/13/94

B. Heikes	Grab Samples/HPLC	DC-8	H ₂ O ₂ (Hydrogen peroxide) , CH ₃ OOH (Methyl hydroperoxide)	HBHP1D04.PWB-15,17-1916	08/21/94 11/07/94
Y. Kondo	Chemiluminescence	DC-8	NO (Nitric oxide), NO _y	NGCH1D04.PWB-19	09/19/94
Project	DADS	DC-8	10-sec and 1-sec data: Latitude, Longitude, Pitch, Roll, Wind speed, Wind direction, True air speed, Ground speed, Ground track, Drift angle, Pressure altitude, Radar altitude, DP1011 dew point, DP300 dew point, Static air temperature, Total temperature, PRT-5, Calculated static air temperature, Computed air speed, Vertical air speed, Distance to go, Time to go, Align status, Cabin altitude, Static pressure, Mach number, Cross track distance, Desired track, Track angle error, Track angle, Specific humidity, Partial pressure water, Relative humidity ice, Relative humidity water, Saturation vapor pressure water, Saturation vapor pressure ice, Sun elevation ground, Sun elevation aircraft, Sun azimuth ground, Sun azimuth aircraft, UV zenith, UV nadir, JNO2 (z), JNO2(n), Cryo dew point, Project dew point	PO101D01.PWB-19	12/27/94
R. Pueschel	FSSP-300 Ames Wire Impactor	DC-8	Aerosol number density	PRFSPD01.PWB-030405-19	10/07/94 10/18/94 10/19/94
R. Pueschel	Ames Wire Impactor	DC-8	Aerosol number density	PRIMPD01.PWB-19	12/02/94
R. Pueschel	PCASP-100X	DC-8	Aerosol number density	PRPCPD14.PWB-19	10/19/94
G. Sachse	Diode Laser Absorption	DC-8	CO (Carbon monoxide) , CH ₄ (Methane), N ₂ O (Nitrous oxide)	SGV11D04.PWB-19	09/06/94
H. Singh	Dual GC/EC	DC-8	C ₃ H ₆ O (Acetone), CH ₄ O (Methanol), C ₂ H ₆ O (Ethanol)	SHAK1D04.PWB-09, 11-19	10/23/94
H. Singh	Dual GC/EC	DC-8	CH ₃ C(O)OONO ₂ (PAN), C ₂ H ₅ C(O)OONO ₂ (PPN), C ₂ CL ₄ (Tetrochloroethylene)	SHPN1D04.PWB-09, 11-19	10/23/94
R. Talbot	Filter Pack/IC	DC-8	Cl- (Chloride), NO ₃ - (Nitrate), C ₂ H ₂ O ₄ (Oxalate), H ₃ O ₄ P (Phosphate), O ₄ S-2-2 (Sulfate), CH ₃ SO ₃ - (Methylsulfonate), NH ₄ ⁺ (Ammonium), Na (Sodium), K (Potassium), Mg (Magnesium), Ca (Calcium), Al (Aluminum), Vanadium, Be-7 (Beryllium-7), Pb-210 (Lead-210)	NHAC1D04.PWB-11, 1315-191214	06/01/95 06/01/95 07/17/95 06/12/95

R. Talbot	Mist Chamber	DC-8	HNO ₃ (Nitric acid), HCOOH (Formic acid), CH ₃ COOH (Acetic acid)	NHAG1D05.PWB , 07_11_06_08-10_12-16_19_17_18	11/29/94 11/22/94 05/19/95 07/28/95
J. Bradshaw R. Talbot	-----	-----	Air Mass Classification	AIRMASS_CLASS_GIT_UNH.TXT	07/17/95
Documentation	-----	-----	-----	HISTORY.PWB PEM-B_UPDATE.TXT PWB_AIR.WK4 PWB_GRND.WK4	Note: WK4 files are LOTUS 123 format
G. Gregory	NO Chemiluminescence	DC-8	O ₃ (Ozone) (1Hz)	OZXXHZ1.X	-----
J. Merrill	-----	Ground	Rain Data Plots	032.PS-74.PS	-----
J. Merrill	-----	-----	Flight Track Trajectory Plots	MISSION_02 - MISSION_19 (Postscript files)	-----
J. Merrill	-----	-----	Ientropic Air Mass Trajectories	MJ101D04.PWB-19	10/17/94
Ozonesondes	-----	Hong Kong	Pressure, Altitude, Partial pressure O ₃ (Ozone), cumulative integrated O ₃ (Ozone), temperature, O ₃ (Ozone) numbers density, Dew point, O ₃ (Ozone) mixing ratio, RH	ROHKBS01.PWB-15	07/14/95
S. Tanaka	Diffusion Scrubber/Ion chromatography	Ground (Oki Island, Japan)	CH ₃ COOH (Acetic Acid), HCOOH (Formic Acid), HCL (Hydrochloric acid), HNO ₂ (Nitrous acid), HNO ₃ (Nitric acid), SO ₂ (Sulfur dioxide)	AHAC1001.PWB	07/13/95
H. Mukai	3 Stage Filters	Ground (Oki Island, Japan)	F (Flouride), CH ₄ O ₃ S (Methane sulfonate), Cl (Chloride), Br (Bromide), HNO ₃ (Nitrate), O ₄ S-2-2 (Sulfate), NSS-SO ₄ (Non-sea-salt sulfate) , Na (Sodium), Al (Ammonium), K (Potassium), Mg (Magnesium), Ca (Calcium)	AHAE1001.PWB	07/13/95
H. Mukai	Filters impregnated with alkali or phosphoric acid	Ground (Oki Island, Japan)	HCl (Hydrochloric acid), HBr (Hydrobromic acid), HNO ₃ (Nitric acid), SO ₂ (Sulfur dioxide), Ammonia (NH ₃)	AHGA1001.PWB	07/13/95
H. Mukai	Nylon filters/Ion chromatography	Ground (Oki Island, Japan)	Total nitrate (HNO ₃)	AHTN1001.PWB	07/15/95
S. Hatakeyama	SO ₂ /pulse fluores, NO _x /chem. lumines., O ₃ /UV abs.	Aircraft	SO ₂ (Sulfur dioxide), NO _x , O ₃ (Ozone)	AHJACC05.PWB-08	07/13/95
H. Akimoto	UV Absorption	Ground (Mt. HAPPO, Japan)	O ₃ (Ozone)	AHO3_H01.PWB	07/11/95
H. Akimoto	UV Absorption	Ground (Okinawa, Japan)	O ₃ (Ozone)	AHO3_N01.PWB	07/11/95
H. Akimoto	Ozone/UV Absorption; CO/NDIR Absorption	Ground (Oki Island, Japan)	O ₃ (Ozone), CO (Carbon monoxide)	AHO3CK01.PWB	07/11/95
I. Watanabe	PAN/Low Temp. Cartridge-GC-ECD	Ground (Oki Island, Japan)	CH ₃ C(O)OONO ₂ (PAN), C ₂ H ₅ C(O)OONO ₂ (PPN)	AHPN1001.PWB	07/13/95

Lam Ka Se	NDIR - Gas filter correlation	Ground (Longitude = 22.2 N; Latitude = 114.3 E; Altitude = 60 M	CO (Carbon monoxide)	HKCO.PWB	04/18/95
Lam Ka Se	UV Photometric	Ground (Longitude = 22.2 N; Latitude = 114.3 E; Altitude = 60 M	O ₃ (Ozone)	HKO3_H01.PWB	04/18/95
C. Liu	----	Ground (Kenting Station)(21.9N, 121.86E)	SO ₂ (Sulfur dioxide), CO (Carbon monoxide), O ₃ (Ozone), Surface pressure, Wind speed, Wind direction, Relative humidity, Temperature.	LMMETK01.PWB	03/31/94
C. Liu	----	Ground (25.03N, 121.5E) Taipei station (23.98N, 121.E) Hualien station (23.31N, 117.34E) Ma-gong station (22.28N, 120.28E) Lyu-Dao station (22.41N, 121.3E) Dong-Gang station)	Rawinsonde Sounding-Pressure, height, Temperature, Dew point, Wind speed, Wind direction	LMSNDT01.PWB	02/27/94
J. Prospero	Whatman-41 filter	Ground (Cheju Island, Korea)	Concentration and standard error for: Cl- (Chloride), NO ₃ - (Nitrate), SO ₄ (Sulfate), Na ⁺ (Sodium), NSS SO ₄ (NSS Sulfate), CH ₄ O ₃ S (Methanesulfonate), NH ₄ ⁺ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scandium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)	UMAERCO1.PWB	11/30/94

J. Prospero	Whatman-41 filter	Ground (Crooked Island and D'Aguilar Peak)	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scandium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)	UMAERH01.PWB	11/30/94
J. Prospero	Whatman-41 filter	Ground (Okinawa, Japan)	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scandium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)	UMAERJ01.PWB	11/30/94
J. Prospero	Whatman-41 filter	Ground (Lin'An, China)	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn	UMAERL01.PWB	11/09/94

			(Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scanadium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)		
J. Prospero	Whatman-41 filter	Ground (Midway Island)	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scanadium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)	UMAERM01.PWB	11/30/94
J. Prospero	Whatman-41 filter	Ground (Oahu, Hawaii)	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scanadium), Se (Selenium), Ta (Tantalum), Tb	UMAERO01.PWB	11/30/94

			(Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)		
J. Prospero	Whatman-41 filter	Ground (Shemya, Alaska)	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scandium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)	UMAERS01.PWB	11/30/94
J. Prospero	Whatman-41 filter	Ground (Ken-Ting, Taiwan)	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scandium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)	UMAERT01.PWB	11/30/94
J. Prospero	Whatman-41 filter	Ground (Hong Kong (D'Aguilar Peak))	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium),	UMCAIH01.PWB	11/08/94

			Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scandium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc)		
J. Prospero	Whatman-41 filter	Ground (Hong Kong (D'Aguilar Peak))	Concentration and standard error for: Cl- (Chloride), NO3- (Nitrate), SO4 (Sulfate), Na+ (Sodium), NSS SO4 (NSS Sulfate), CH4O3S (Methanesulfonate), NH4+ (Ammonium), Al (Aluminum), Br (Bromine), Ca (Calcium), Cl (Chlorine), Cu (Copper), I (Iodine), Mg (Magnesium), Mn (Manganese), Na (Sodium), V (Vanadium), Ag (Silver), Ba (Barium), Co (Cobalt), Cr (Chromium), Cs (Cesium), Eu (Europium), Fe (Iron), Hf (Hafnium), Nd (Neodymium), Ni (Nickel), Rb (Rubidium), Sb (Antimony), Sc (Scandium), Se (Selenium), Ta (Tantalum), Tb (Terbium), Th (Thorium), Yb (Ytterbium), Zn (Zinc), C (Black carbon), Total Integrated Aerosol Scattering, Particle Number Size Spectra, Total Particles, Particles <100nm diameter, Particles 100-200nm diameter, Particles 200-300nm diameter, Particles 300-400nm diameter, Particles 400-500nm diameter, Particles 500-600nm diameter, Particles 600-700nm diameter, Particles >700nm diameter	UMIADH01.PWB	10/28/94
J. Prospero	Nephelometer/TSI Scanning Mobility Particle Sizer/aethalometer	Ground (Hong Kong (D'Aguilar Peak))	Wind speed, Wind direction, Total intergated aerosol scattering, Total Particles, Particles <100nm diameter, Particles 100-200nm diameter, Particles	UMIHAH01.PWB	10/30/94

			200-300nm diameter, Particles 300-400nm diameter, Particles 400-500nm diameter, Particles 500-600nm diameter, Particles 600-700nm diameter, Particles >700nm diameter, C (Black carbon)		
Jing-Zhi/Rodgers	-----	Ground (Lin An Station, China)	NO (Nitric oxide), SO ₂ (Sulfur dioxide), O ₃ (Ozone), NO _x , Temperature, RH, Wind speed, Wind direction	RM_HRL01.PWB	12/01/94
Jing-Zhi/Rodgers	-----	Ground (Lin An Station, China)	HNO ₃ (Nitric Acid), NO ₃ (Nitrate ion), SO ₄ (Sulfate)	RMAERL01.PWB	12/01/94
Jing-Zhi/Rodgers	-----	Ground (Lin An Station, China)	C ₂ H ₄ (Ethene), 1,1-C ₂ H ₄ F ₂ (1,1-Difluoroethane), C ₃ H ₆ (Propene), C ₃ H ₈ (Propane), C ₄ H ₁₀ (Isobutane), C ₄ H ₈ (Isobutene), 1-C ₄ H ₈ (1-Butene), n-C ₄ H ₁₀ (n-Butane), C ₅ H ₁₂ (Isopentane), 1-C ₅ H ₁₀ (1-Pentene), n-C ₅ H ₁₂ (n-Pentane), C ₅ H ₁₀ (2-methyl-2-Butene), C ₆ H ₁₄ (2,2-Dimethylbutane), 2-C ₆ H ₁₄ (2-Methylpentane), 3-C ₆ H ₁₄ (3-Methylpentane), n-C ₆ H ₁₄ (n-Hexane), C ₆ H ₆ (Benzene), C ₇ H ₁₆ (2,3-Dimethylpentane), C ₇ H ₈ (Toluene), C ₇ H ₇ F (3-Fluorotoluene), C ₈ H ₁₀ (o-Xylene), C ₁₀ H ₁₆ (Camphene), n-C ₁₀ H ₂₂ (n-Decane)	RMHYDL01.PWB	12/01/94
Z. Xiuji	-----	Ground	SO ₂ (Sulfur dioxide), O ₃ (Ozone), NO (Nitric oxide), NO _x	AMGSCH101.PWB-107	08/03/95
D. Davis	-----	Modeling	Photochemical Box Model Photostationary State Model Calcs	DDPSSD05.PWB-19	09/25/95
D. Davis	-----	Modeling	Photochemical Box Mdel Time Dependent Model Calcs	DDTMD01.PWB	10/10/95
J. Rodriguez	-----	Modeling	Photochemical Steady State Box Model Hydroxyl Radical Calcs	RJMOHD05.PWB-11	10/27/95
J. Merrill	-----	Modeling	Isentropic Air Mass Trajectories	MJ101D04.PWB-19	10/17/94
R.E. Newell	-----	-----	Satellite Images	XXXXXXXXX.TIF MISSION4, 6, 13, 14	-----
Project	-----	DC-8	DADS Flight Track Maps	9401XX (ps files)	-----
Project	-----	DC-8	Compendium Data Plots	PWBXXXXX.JPG . PWBXXXXX.TIF.	-----
G. Gregory	NO Chemiluminescence	DC-8	Ozone for Test Flights 1-3	FLTXX.O3	-----

[\[Return to the Data Available\]](#)

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Responsible NASA Official: [Dr. Vic Delnore](#)
Curator: [Kay Costulis and Clyde Brown](#)

[Feedback on Langley Products and Services](#)
Last updated: September 29, 2005

RPeterson <10SNE2@prodigy.net> wrote:

<http://www-gte.larc.nasa.gov/gte fld.htm>

Do you Yahoo!?

Get on board. [You're invited](#) to try the new Yahoo! Mail.

No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.1.407 / Virus Database: 268.13.9/490 - Release Date: 10/20/06

Part 1.2	Content-Description: "AVG certification"
	Content-Type: text/plain
	Content-Encoding: quoted-printable