2004 NEAQS – ITCT Data Summary - updated 8/2/05

Green = non-missing data   **Yellow** = non-final data   **Red** = all missing (nan) data

Cell values below encode the colour shown in the grid: G = green, Y = yellow, R = red.

Flight mm/dd	07/05	07/09	07/11	07/15	07/20	07/21	07/22	07/25	07/27	07/28	07/31	08/03	08/06	08/07	08/09	08/11	08/14	08/15
Aircraft	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
CO	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
GITCIMS - OH	R	G	R	G	G	G	G	G	G	R	R	R	R	R	G	R	R	R
GITCIMS - HO2RO2	R	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G	R	R
GITCIMS - Sulf	G	G	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R
H2CO - H2CO	G	G	G	R	R	R	R	R	R	R	G	G	G	G	G	G	G	G
H2CO - HCOOH	G	G	G	R	R	R	R	R	R	R	G	G	G	G	G	G	G	G
HNO3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
NH3	R	G	G	R	G	G	G	R	G	G	G	G	G	G	G	G	G	G
NO	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
NO2	R	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
NOy	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Sum_NOy	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
NO3N2O5 - NO3	R	G	G	G	G	G	G	R	G	G	G	G	G	G	G	G	G	G
NO3N2O5 - N2O5	R	G	G	G	G	G	G	R	G	G	G	G	G	G	G	G	G	G
O3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PANs - APAN	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PANs - MoPAN	R	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PANs - MPAN	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PANs - PAN	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PANs - PBN	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PANs - PBzN	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PANs - PPeN	R	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PANs - PPN	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
SO2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
VOCsPTRMS - (14 species)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
VOCsWAS	R	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
AMS - (4 species)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PALMS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PILSIC - ammonium	R	G	R	G	G	G	R	G	G	G	G	G	G	G	G	G	G	G
PILSIC - calcium	R	G	R	G	G	G	R	G	G	G	G	G	G	G	G	G	G	G
PILSIC - chloride	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PILSIC - magnesium	G	G	G	G	G	G	R	G	G	G	G	G	G	G	G	G	G	G
PILSIC - nitrate	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PILSIC - potassium	R	G	G	G	G	G	R	G	G	G	G	G	G	G	G	G	G	G
PILSIC - sulfate	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
PILSIC - sodium	R	G	G	G	G	G	R	G	G	G	G	G	G	G	G	G	G	G
PILSWSOC	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Cloud - CloudLWC	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R	R
Cloud – CloudNGT30	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R	R
Cloud – CloudNTot	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Cloud – CloudReff	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R	R
Cloud - CloudSA	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R	R
NAerosol - (6 parameters)	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R	R
Precip - (4 parameters)	G	G	G	G	G	R	G	R	G	G	G	G	G	G	G	R	G	G
jNO3AL - (up, down, comb)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
jValAL - (18 reaction rates)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
SSFRN - (303 wavelengths)	G	G	R	G	G	G	G	G	G	G	G	R	G	G	R	G	G	G
SSFRZ - (303 wavelengths)	R	G	R	R	R	R	R	G	G	G	G	R	G	G	R	G	G	G

No CO2, MIDAS or TALUS data will be available.

AMS data consists of NH4, NO3, Org, and SO4.

VOCsPTRMS data consists of acetaldehyde, acetic acid, acetone, acetonitrile, benzene, C8 aromatics, C9 aromatics, DMS, isoprene, MEK, methanol, monoterpenes, MVK+MACR, and toluene.

NAerosol data consists of ncoarse, nfine, scoarse, sfine, vcoarse, and vfine.

Precip data consists of PrecipLWC, PrecipNTot, PrecipRR and PrecipSA.

JValAL data consists of up-looking, down-looking and combined flavors of photolysis rates for these species: acetone, ch2o_h2, ch2o_hco, ch3cho, ch3ooh, glyoxal, h2o2, hno2, hno3, hno4, macr, mek, methgly, mvk, n2o5, no2, o3, pan.