Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

Temperature [K]

Temperature standard deviation [K]

H2O vmr [ppmv]

H2O vmr standard deviation [ppmv]

HNO3 vmr [ppmv]

HNO3 vmr standard deviation [ppmv]

N2O vmr [ppmv]

N2O vmr standard deviation [ppmv]

F11 vmr [ppmv]

F11 vmr standard deviation [ppmv]

N2O5 vmr [ppmv]

N2O5 vmr standard deviation [ppmv]

F12 vmr [ppmv]

F12 vmr standard deviation [ppmv]

COF2 vmr [ppmv]

COF2 vmr standard deviation [ppmv]

F14 vmr [ppmv]

F14 vmr standard deviation [ppmv]

Temperature [K] for pressure 100.0 hPa

Tangent altitude [km] for pressure 100.0 hPa

H2O vmr [ppmv] for pressure 100.0 hPa

O3 vmr [ppmv] for pressure 100.0 hPa

HNO3 vmr [ppmv] for pressure 100.0 hPa

CH4 vmr [ppmv] for pressure 100.0 hPa

N2O vmr [ppmv] for pressure 100.0 hPa

F11 vmr [ppmv] for pressure 100.0 hPa

CLNO vmr [ppmv] for pressure 100.0 hPa

N2O5 vmr [ppmv] for pressure 100.0 hPa

F12 vmr [ppmv] for pressure 100.0 hPa

COF2 vmr [ppmv] for pressure 100.0 hPa

CCL4 vmr [ppmv] for pressure 100.0 hPa

Daily average [see title]

Time [start of day]

Legend:
- —90 to −80 deg
- —80 to −65 deg
- —65 to −20 deg
- —20 to 20 deg
- 20 to 65 deg
- 65 to 80 deg
- 80 to 90 deg

HCN vmr [ppmv] for pressure 100.0 hPa

F14 vmr [ppmv] for pressure 100.0 hPa

F22 vmr [ppmv] for pressure 100.0 hPa

Temperature [K] for pressure 10.0 hPa

Tangent altitude [km] for pressure 10.0 hPa

H2O vmr [ppmv] for pressure 10.0 hPa

O3 vmr [ppmv] for pressure 10.0 hPa

Legend:
- —90 to −80 deg
- —80 to −65 deg
- —65 to −20 deg
- —20 to 20 deg
- 20 to 65 deg
- 65 to 80 deg
- 80 to 90 deg

Y-axis: Daily average [see title]

X-axis: Time [start of day]

X-axis labels:
00:00.00 09/03/2009, 00:00.00 24/03/2009, 00:00.00 06/04/2009, 00:00.00 23/04/2009, 00:00.00 08/05/2009, 00:00.00 23/05/2009, 00:00.00 07/06/2009

HNO3 vmr [ppmv] for pressure 10.0 hPa

CH4 vmr [ppmv] for pressure 10.0 hPa

N2O vmr [ppmv] for pressure 10.0 hPa

NO2 vmr, sun elev>=0 [ppmv] for pressure 10.0 hPa

NO2 vmr, sun elev<0 [ppmv] for pressure 10.0 hPa

F11 vmr [ppmv] for pressure 10.0 hPa

CLNO vmr [ppmv] for pressure 10.0 hPa

N2O5 vmr [ppmv] for pressure 10.0 hPa

F12 vmr [ppmv] for pressure 10.0 hPa

COF2 vmr [ppmv] for pressure 10.0 hPa

CCL4 vmr [ppmv] for pressure 10.0 hPa

Legend:
- −90 to −80 deg
- −80 to −65 deg
- −65 to −20 deg
- −20 to 20 deg
- 20 to 65 deg
- 65 to 80 deg
- 80 to 90 deg

HCN vmr [ppmv] for pressure 10.0 hPa

F14 vmr [ppmv] for pressure 10.0 hPa

F22 vmr [ppmv] for pressure 10.0 hPa

Temperature [K] for pressure 1.0 hPa

Tangent altitude [km] for pressure 1.0 hPa

H2O vmr [ppmv] for pressure 1.0 hPa

O3 vmr [ppmv] for pressure 1.0 hPa

HNO3 vmr [ppmv] for pressure 1.0 hPa

CH4 vmr [ppmv] for pressure 1.0 hPa

N2O vmr [ppmv] for pressure 1.0 hPa

NO2 vmr, sun elev>=0 [ppmv] for pressure 1.0 hPa

NO2 vmr, sun elev<0 [ppmv] for pressure 1.0 hPa

F11 vmr [ppmv] for pressure 1.0 hPa

CLNO vmr [ppmv] for pressure 1.0 hPa

N2O5 vmr [ppmv] for pressure 1.0 hPa

F12 vmr [ppmv] for pressure 1.0 hPa

COF2 vmr [ppmv] for pressure 1.0 hPa

CCL4 vmr [ppmv] for pressure 1.0 hPa

HCN vmr [ppmv] for pressure 1.0 hPa

F14 vmr [ppmv] for pressure 1.0 hPa

F22 vmr [ppmv] for pressure 1.0 hPa

Daily average [see title]

Time [start of day]

Legend:
- −90 to −80 deg
- −80 to −65 deg
- −65 to −20 deg
- −20 to 20 deg
- 20 to 65 deg
- 65 to 80 deg
- 80 to 90 deg

Temperature [K] for pressure 0.1 hPa

Tangent altitude [km] for pressure 0.1 hPa

H2O vmr [ppmv] for pressure 0.1 hPa

O3 vmr [ppmv] for pressure 0.1 hPa

CH4 vmr [ppmv] for pressure 0.1 hPa

NO2 vmr, sun elev>=0 [ppmv] for pressure 0.1 hPa

NO2 vmr, sun elev<0 [ppmv] for pressure 0.1 hPa

Legend:
- —90 to −80 deg
- —80 to −65 deg
- —65 to −20 deg
- —20 to 20 deg
- 20 to 65 deg
- 65 to 80 deg
- 80 to 90 deg

F11 vmr [ppmv] for pressure 0.1 hPa

CLNO vmr [ppmv] for pressure 0.1 hPa

N2O5 vmr [ppmv] for pressure 0.1 hPa

Daily average [see title]

Time [start of day]

Legend:
- −90 to −80 deg
- −80 to −65 deg
- −65 to −20 deg
- −20 to 20 deg
- 20 to 65 deg
- 65 to 80 deg
- 80 to 90 deg

COF2 vmr [ppmv] for pressure 0.1 hPa

CCL4 vmr [ppmv] for pressure 0.1 hPa

HCN vmr [ppmv] for pressure 0.1 hPa

F14 vmr [ppmv] for pressure 0.1 hPa

F22 vmr [ppmv] for pressure 0.1 hPa