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

Pressure [hPa]

Pressure standard deviation [hPa]

H2O vmr [ppmv]

H2O vmr standard deviation [ppmv]

O3 vmr [ppmv]

O3 vmr standard deviation [ppmv]

HNO3 vmr [ppmv]

Retrieved altitude [km]

LOS latitude [degrees_north]

1.000
0.8000
0.6000
0.4000
0.2000
0.000

HNO3 vmr standard deviation [ppmv]

Retrieved altitude [km]

LOS latitude [degrees_north]

1.000
0.8000
0.6000
0.4000
0.2000
0.000

N2O vmr [ppmv]

N2O vmr standard deviation [ppmv]

F11 vmr [ppmv]

F11 vmr standard deviation [ppmv]

CLNO vmr [ppmv]

CLNO 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]

CCL4 vmr [ppmv]

CCL4 vmr standard deviation [ppmv]

HCN vmr [ppmv]

HCN vmr standard deviation [ppmv]

F14 vmr [ppmv]

F14 vmr standard deviation [ppmv]

F22 vmr [ppmv]

F22 vmr standard deviation [ppmv]

Temperature [K] 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

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

Daily average [see title]

Time [start of day]

+ +	−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

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

HNO3 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

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

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

Daily average [see title]

Time [start of day]

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

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

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 21/10/2008
00:00:00 05/11/2008
00:00:00 20/11/2008
00:00:00 05/12/2008
00:00:00 20/12/2008
00:00:00 04/01/2009
00:00:00 19/01/2009

HNO3 vmr [ppmv] for pressure 1.0 hPa

CH4 vmr [ppmv] for pressure 1.0 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 21/10/2008
00:00:00 05/11/2008
00:00:00 20/11/2008
00:00:00 05/12/2008
00:00:00 20/12/2008
00:00:00 04/01/2009
00:00:00 19/01/2009

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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

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

Daily average [see title]

Time [start of day]

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

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

Daily average [see title]

Time [start of day]

00:00.00 21/10/2008
00:00.00 05/11/2008
00:00.00 20/11/2008
00:00.00 05/12/2008
00:00.00 20/12/2008
00:00.00 04/01/2009
00:00.00 19/01/2009

F14 vmr [ppmv] for pressure 1.0 hPa

F22 vmr [ppmv] for pressure 1.0 hPa

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

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

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

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

F12 vmr [ppmv] for pressure 0.1 hPa

COF2 vmr [ppmv] for pressure 0.1 hPa

CCL4 vmr [ppmv] for pressure 0.1 hPa

HCN vmr [ppmv] for pressure 0.1 hPa

Daily average [see title]

Time [start of day]

+—+	-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

F14 vmr [ppmv] for pressure 0.1 hPa

F22 vmr [ppmv] for pressure 0.1 hPa