

FAAM Archive Population table

http://badc.nerc.ac.uk/cgi-bin/data_browser/data_browser/badc/faam/doc/FAAM_data_catalogue.html

This table shows the data present in the archive arrange by flight number (= date) order, most recent first. There are several data types stored for each flight and the table shows at a glance what is present for a given flight (coloured cell means data is present). The colour of the cell indicates the access restrictions applied to that data and the r# number shows the highest revision number stored. There is a full colour key on the website – briefly green = publicly available,; blue = raw data restricted to FAAM staff; orange = public upon application; red = core-processed data restricted for up to one year; yellow = non-core data - the name shows the group the data is restricted to.

There are links from the table to the flight data directory in the archive. A list of the non-core files (instrument name from the filename) can be seen by holding the mouse/cursor over the non-core (processed) data column for each flight.

| Flight number | Campaign or test | Date | Flight log | Flight sum | Core data | | | | | | | | | | | Non-core data | |
|----------------------|------------------|-------------|------------|------------|------------------|-----------------|---------------|-----------|------|--------|---------------|----|----|----|----|---------------|--|
| | | | | | Raw | | | Processed | | | | | | | | Raw | Processed |
| | | | | | Flight constants | Standard | Cloud Physics | Standard | | | Cloud Physics | | | | | | |
| | | | Data | Desc | Quality | Dropsonde | Video | Data | Desc | Images | | | | | | | |
| 2009 | | | | | | | | | | | | | | | | | |
| b477 | TROMPEX | 2009-sep-09 | | r0 | r0 | gps dts | | r0 | r0 | r0 | | | | | | | |
| b476 | TROMPEX | 2009-sep-08 | | r0 | r0 | dts gps | | r0 | r0 | r0 | | | | | | | |
| b475 | TROMPEX | 2009-sep-07 | | r0 | r1 | dis gps | | r1 | r1 | r1 | | | | | | | |
| b474 | CAVIAR | 2009-aug-04 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | caviar |
| b473 | CAVIAR | 2009-aug-01 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | metoffice-aries non-core-dou |
| b472 | CAVIAR | 2009-jul-29 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | caviar |
| b471 | CAVIAR | 2009-jul-27 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | caviar |
| b470 | CAVIAR | 2009-jul-26 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | caviar |
| b469 | CAVIAR | 2009-jul-25 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | caviar |
| b468 | CAVIAR | 2009-jul-20 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | caviar |
| b467 | CAVIAR | 2009-jul-19 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | caviar |
| b466 | CAVIAR | 2009-jul-16 | r0 | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | | caviar |
| b464 | TAFTS Test | 2009-jul-02 | r0 | r0 | r0 | gps dts | | r0 | r0 | r0 | | r0 | | | | | |
| b463 | EM25/ADIENT | 2009-jun-25 | | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | | r0 | r0 | | r0 | | mo-aircraft |
| b462 | ADIENT | 2009-jun-24 | | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | | r0 | r0 | | | | mo-aircraft |
| b461 | EM25/ADIENT | 2009-jun-24 | | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | | r0 | r0 | | | | mo-aircraft |
| b460 | EM25-ADIENT | 2009-jun-23 | | r0 | r0 | dis | r0 | r0 | r0 | r0 | | r0 | r1 | | r0 | | mo-aircraft |
| b459 | EM25-ADIENT | 2009-jun-22 | | r0 | r0 | dis | r0 | r0 | r0 | r0 | | r0 | r1 | | r0 | | mo-aircraft |
| b458 | EM25-ADIENT | 2009-jun-18 | | r0 | r0 | dis gps | r0 | r0 | r0 | r0 | | r0 | r0 | | | | mo-aircraft |
| b457 | EM25/VISURB | 2009-jun-16 | | r0 | r1 | dis gps | r0 | r1 | r1 | r1 | | r0 | r0 | | | | mo-aircraft |
| b456 | APPRAISE | 2009-jun-06 | | r0 | r2 | dis gps | r0 | r2 | r2 | r2 | | r0 | r0 | | r0 | | |
| b455 | COSIC | 2009-jun-03 | | r0 | r1 | dis gps | | r1 | r1 | r1 | | | | | | | cosic |
| b454 | VIROSS | 2009-jun-02 | r0 | r0 | r1 | dis gps dts gps | | r1 | r1 | r1 | | r0 | | | | | mo-aircraft |
| b453 | VIROSS | 2009-jun-02 | r0 | r0 | r1 | dis gps dts gps | | r1 | r1 | r1 | | r0 | | | | | mo-aircraft |
| b452 | ADIENT | 2009-jun-01 | | r0 | r1 | gps dts | | r1 | r1 | r1 | | r0 | | | | | appraise |
| b451 | ADIENT | 2009-may-31 | | r0 | r0 | dis gps | | r0 | r0 | r0 | | r0 | | | | | appraise |
| b450 | ADIENT | 2009-may-29 | | r0 | r1 | dis gps | r0 | r1 | r1 | r1 | | r0 | r0 | | | | appraise |

You can also see the same table arranged by campaign in order of occurrence at

http://badc.nerc.ac.uk/cgi-bin/data_browser/data_browser/badc/faam/data/00catalogue-campaigns.html

Core-processed file parameters.

http://badc.nerc.ac.uk/browse/badc/faam/doc/core_data_parameters_measured_by_flight/core_data_contents_2009.html

The core instruments operated for each flight depend on the scientific configuration of instruments on board. The table uses data from the description files supplied to show what data is present in the core data file. The instrument short name appears down the left hand side and contains links to further information on that parameter. Flight numbers across the top show the campaign name, date and what revision number core files are present in the archive. The flight number also links to the data directory for that flight. As this table is quite large, and to assist when scrolling, flight numbers are present in each cell where a parameter is present and hovering the mouse over each row gives the parameter long name.

FAAM Core_Processed Data File Parameters - 2009

Click on the flight number to go to the data for that flight.

Old style (PARAxxxx) parameter names were used until June 2007. Flights b285, b289 and b293 onwards use the new parameter names.

Roll the mouse over the parameter code or anywhere along that row to see the short and long name of the parameter. For a fuller description click on the links of the parameter codes where available.

| Flight | | b422 | b423 | b424 | b425 | b426 | b427 | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 | | |
|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|------|------|------|
| Date | 15-jan-2009 | 20-jan-2009 | 21-jan-2009 | 22-jan-2009 | 28-jan-2009 | 30-jan-2009 | 17-feb-2009 | 18-feb-2009 | 26-feb-2009 | 27-feb-2009 | 03-mar-2009 | 03-mar-2009 | 14-apr-2009 | 21-apr-2009 | 23 | | |
| Campaign | APPRAISE-ICE | APPRAISE-ICE | APPRAISE-ICE | APPRAISE-ICE | APPRAISE-ICE | APPRAISE-ICE | AETIAQ | APPRAISE-ICE | APPRAISE-ICE | APPRAISE-ICE | APPRAISE-ICE | APPRAISE-ICE | MEVEX | MEVEX | | | |
| .nc file version | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | |
| descrip.txt | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | r0 | | |
| Parameter | Old name | unit | freq | | | | | | | | | | | | | | |
| Time | Time | Seconds | 1Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| IAS RVSM | PARA0516 | m s-1 | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| TAS RVSM | PARA0517 | m s-1 | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| TAT DI_R | PARA0520 | degK | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| TAT_ND_R | PARA0525 | degK | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| TDEW_GE | PARA0529 | degK | 04Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| LWC JW_U | PARA0535 | gram kg-1 | 04Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| BTHEIM_U | PARA0537 | degK | 04Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | - | - | - | - | - | b436 |
| AOA | PARA0548 | degree | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| AOSS | PARA0549 | degree | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| O3 TECO | PARA0574 | ppb | 01Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| HGT_RADR | PARA0575 | m | 02Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| PS RVSM | PARA0576 | hPa | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| Q RVSM | PARA0577 | hPa | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| PALTRVS | PARA0578 | m | 32Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| CAB PRES | PARA0579 | hPa | 01Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| NV LWC_U | PARA0602 | gram m-3 | 08Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| NV TCW_U | PARA0605 | gram m-3 | 08Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| PSAP LIN | PARA0648 | m-1 | 01Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| PSAP LOG | PARA0649 | | 01Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |
| CAB TEMP | PARA0660 | degC | 01Hz | b422 | b423 | b424 | b425 | b426 | - | b429 | b430 | b431 | b432 | b433 | b434 | b435 | b436 |

Links from parameter short name to more information. Mouse over shows the long name of the parameter.

This table is updated automatically when new description files are submitted to the archive.

Further Information

Please see the BADC FAAM website at <http://badc.nerc.ac.uk/data/faam/>

Or email the BADC helpdesk at badc@rl.ac.uk