

Acronym List

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
Q | R | S | T | U | V | W | X | Y | Z

F

| Acronym | Full name | Comments |
|----------------|---|--|
| F | forad | |
| F | Fahrenheit | |
| F | femto | Prefix for 10 to the negative 15th power |
| F | frequency | |
| f77 | FORTRAN77 | compiler/language |
| F&A | Finance and Administration | UCAR, F&A |
| FAA | Federal Aviation Administration | |
| FAA 604 | | A weather data service provided by the FAA |
| FAC | Facilities Advisory Council | |
| FAC | Friday Afternoon Club | |
| FACA | Federal Advisory Committee Act | |
| FACE | Florida Area Cirrus Experiment | |
| FACE | Also known as FACE '75 | |
| FAGS | Federation of Astronomical and Geophysical Services | ICSU |
| FAL | Frontier Airline | |
| | | |

| | | |
|----------------|---|---|
| FAME | Florida Area Mesoscale Experiment | |
| FAME | formatting and multiplexing equipment | |
| FAN | File Array Notation | an array-oriented language for identifying data items in netCDF files for the purpose of extraction or modification |
| FAO | Food and Agriculture Organization | United Nations |
| FAPS | Fate of Atmospheric Pollutants Study | NCAR |
| FAPS | freedom attached payloads | |
| FAQ | Frequently asked questions | |
| FAS | Federation of American Scientists | |
| FASB | Financial Accounting Standards Board | |
| FASCODE | Fast Atmosphere Signature Code | |
| FASE | Foundation for Advancement in Science and Education | |
| FASINEX | Frontal Air-Sea Interaction Experiment | |
| FASTEX | Fronts Atlantic Storm Track Experiment | |
| FAT | factory acceptance test | |
| FATS | Factory Acceptance Test Specification | |
| FATS | Firearms Training Simulator | |
| FATS | FORTTRAN Automatic Timing System | |
| | | |

| | | |
|---------------|---|--------------|
| FATS | Forward Area Target Surveillance System | |
| FATS | South African Air Force Tactical Support Command | |
| Fb | blanketing frequency | |
| FB | funds Budgeted | |
| FB | Fleischmann Building | UCAR |
| FBA | forecasting by analogy | |
| FBI | Federal Bureau of Investigation | |
| FCA | functional configuration audit | |
| FCC | Federal Communications Commission | |
| FCCLA | ***** | |
| FCCSET | Federal Coordinating Council on Science, Engineering and Technology | |
| FCM | Federal Coordinator for Meteorological Services and Supporting Research | |
| FCOM | Federal Coordinators Office of Meteorology | |
| FCST | Federal Council for Science and Technology | |
| FD | Facility Division | NOAA, FSL |
| FDA | Food and Drug Administration | |
| FDC | Fluid Dynamics Conference | |
| FDCA | Federal Drug and Cosmetics Act | 1938 |
| 4DDD | Four-Dimensional Data Assimilation | part of LAPS |
| FDDA | Fiber Distributed | |

| | | |
|------------------|---|---|
| | Data Interface | |
| FDDI | fiber-distributed data interface | |
| FDF | Flight Dynamics Facility | |
| FDM | full-depth model | |
| FDMA | frequency division multiple access | |
| FDT | Fully Developed Turbulence | |
| FE | Front-end | |
| feed type | | In the context of the Unidata LDM, a category of data products sharing a name space of product IDs and injected from a single data source |
| FEMA | Federal Emergency Management Agency | USA |
| FEOSH | Federal Employee Occupational Safety and Health | |
| FEP | front end processor | |
| FEPCA | Federal Environmental Pesticides Control Act | |
| FEPCA | Federal Environmental Pollution Control Act | |
| FERC | Federal Energy Regulatory Commission | |
| FERMILAB | FERMI National Acceleration Laboratory | |
| FEST | Fronts Experiment Systems Test | |
| FET | field-effect transistor | for switches |
| FEWS | Follow-on Early Warning System | |
| FFDCA | Federal Food, Drug, | |

| | | |
|-----------------------|--|---|
| | & Cosmetic Act | |
| FFP | Firm Fixed Price | contract |
| FFRDCs | Federally Funded Research and Development Centers | |
| FFS | Flight Facilities Survey | |
| FFT | Fast Fourier Transform | |
| FFTF | Fast Flux Test Facility | Hanford, WA |
| FFTs | Fast-Fourier transforms | |
| FGCMS | Fast GC / MS = Fast Gas Chromatography / Mass Spectrometry | |
| FGGE | First GARP Global Experiment | 1977 |
| FHSA | Federal Hazardous Substances Act | 1966 |
| FHWA | Federal Highway Administration | |
| FIAR | European aviation partnership | |
| FICA | Federal Insurance Contributions Act | |
| FICS | Facility Information and Control System | |
| field capacity | | The amount of water left in the soil after it has saturated and allowed to drain by gravity for 24 hours. |
| FIFE | First ISLSCP Field Experiment | International Satellite Land Surface Climatology Project, 1987-89 |
| FIFE II | First ISLSCP Field Experiment II | International Satellite Land Surface Climatology Project |
| FIFOLIB | | The library software used |

| | | |
|--------------------|---|--|
| | | to support a staging file between the ingestors and digesters in a version of the Unidata LDM |
| FIFRA | Federal Insecticide, Fungicide, and Rodenticide Act | |
| file server | | Generally, a node on a local area network that provides file storage and file access facilities to other network nodes. Technically, the process on a computer that provides access to files on that computer to programs running on remote machines |
| FILOS | Far Infrared Limb Observing Spectrometer | JPL |
| finger | | A program that allows you to look up information about a particular user or about all users currently logged into a particular server |
| FIPS | Federal Information Processing Standard | |
| FIRE | First ISLSCP Regional Experiment | ISCCP (International Satellite Cloud Climatology Project) Phase I in 1989, Phase II through 1994, WCRP |
| FIRE | First ISCCP Radiation Experiment | |
| FIRE | Fast Imaging Rancicon Experiment | |
| FIRE-ACE | First ISCCP International Satellite Cloud Climatology Program | Regional Experiment Arctic Cloud Experiment |
| FIRS | Fourier Transform Infrared Sounder | |
| FIS | Financial Information System | DOE |

| | | |
|---------------|--|--------------------------|
| FIVRS | Financial Information Variance Reporting System | |
| FL | Foothills Laboratory | |
| NCAR | | |
| FL1 | first flight model | |
| FL2 | second flight model | |
| FLAGE | Flexible Lightweight Agile Guided Experiment | |
| FLAT | Full Look at Turbulent Kinetic Energy | |
| FLD | first level destination | |
| FLETC | Federal Law Enforcement Training Center | |
| FLIP | Floating Instrument Platform | |
| FLMPA | Federal Land Management Policy Act | |
| FLOP | Floating Point Operations | |
| Flops | Floating point operations per second | |
| FLAWS | FAA/Lincoln Laboratory Operational Weather Studies | |
| FLP | relocating floating point interpreter | Data General Corporation |
| FLSA | Fair Labor Standards Act | 1938 |
| FLTOP | Federal Lease to Ownership Program | |
| FLUIDS | MELPROG subcode | |
| FM | frequency modulation | |
| FMECA | Failure Modes Effects | |

| | | |
|------------------|--|-----------------|
| | and Critical Analysis | |
| FMFIA | Federal Managers Financial Integrity Act | |
| FMIT | Fusion Materials Irradiation Test Facility | |
| FMLA | Family and Medical Leave Act | 1993 |
| FMS | French Meteorological Society | |
| FNAL | Fermi National Accelerator Laboratory | |
| FNC | Federal Networking Council | |
| FNOC | Fleet Numerical Operations Center | |
| Fo | orbital frequency | |
| FO | Field Office | |
| FOB | Free On Board | |
| FOB | Facilities Operations Branch | LAAO |
| FOC | full operational capability | |
| FOCAL | Programme Francais Ocean et Climat dans d'Atlantique Equatorial | |
| FODDAS | Four-Dimensional Data Assimilation Study | GARP, NCAR |
| FOF | Field Observing Facility | UCAR, NCAR, ATD |
| FOIA | Freedom of Information Act | |
| FOLD | federally owned LANDSAT data | |
| Footprint | Measuring and modeling the surface Footprint of scalar | |

| | | |
|-------------------|--|---|
| | fluxes | |
| FORD | Flight Operations Requirements Document | |
| FORGE | Funds for Overseas Research Grants for Education | |
| FORTELL | not an acronym | A collaborative project to provide experimental high-resolution road information products from models run at local NWS offices |
| FORTRAN | FORmula TRANslation | A scientific programming language developed by IBM in the 50's, used to create many graphics and analysis programs common to Unidata |
| FORTRAN 77 | | A specific version of FORTRAN |
| FOS | Family of Services | A collection of data streams from NWS, injected into the IDD by the Alden Corporation under a contract with Unidata. This currently includes DDS, PPS, IDS and HDS data streams |
| FOS | flight operations segment | |
| FOV | field of view | |
| fp | plasma frequency | |
| FP | Fixed Price contract | |
| F/P-INT | Fabry-Perot Interferometer | |
| FPA | Focal Plane Assembly | |
| FPA | Federal Pesticide Act | |
| FPD | Facilities Planning and Design | |
| FPD | Flight Projects Directorate | |
| | | |

| | | |
|------------------|---|--|
| FPI | Fabry-Perot Interferometer | |
| FPMD | Facilities and Property Management Division | DOE |
| F/P-INT | Fabry Perot Interferometer | |
| FPPS | Flight Plan Processing System | |
| FPS | Field Project Services | NCAR, EOL |
| FPS-# | Radar Designation | never spelled out |
| fps | feet per second | |
| fps | fast packet switch | |
| fps | foot-pound second system of measurements | |
| FR | full resolution | |
| FR | Federal Register | |
| FRC | Front Range Consortium | |
| FRC | Federal Radiation Council | |
| FRC | Federal Records Center | |
| FRD | Forecast Research Division | NOAA, FSL |
| Freon | DuPont trade name | do not use in discussing UAP or other research on chlorofluoromethanes |
| frequency | | The rate of recurrence of any periodic phenomenon, often associated with waves of all kinds. |
| ELF | extremely low frequency | 30-300 Hz |
| VLF | very low frequency | 3-30 KHz |
| MF | medium frequency | 300-3,000 KHz |
| | | |

| | | |
|---------------------------|---|----------------------------------|
| HF | high frequency | 3-30 MHz |
| VHF | very high frequency | 30-3,000 MHz |
| VF | voice frequency | 300-3,000 Hz |
| UHF | ultra-high frequency | 300-3,000 MHz |
| SHF | super high frequency | 3-30 GHz (Gigahertz) |
| EHF | extremely high frequency | 30-300 GHz |
| End of Frequencies | | |
| FRG | Federal Republic of Germany | |
| FRMAC | Federal Radiological Monitoring and Assessment Center | |
| FRONT | | McIDAS program that plots fronts |
| FRS | First Repository States | |
| FS | flight segment | |
| FSDR | final system design review | |
| FSEC | Florida Solar Energy Center | |
| FSK | frequency shift key (ing) | |
| FSL | Forecast Systems Laboratory | NOAA |
| FSS | Facilities Support Services | UCAR |
| FSSP | Forward Scattering Spectrometer Probe | |
| FST | field support terminal | |
| FSTC | Foreign Science & Technology Center | |
| FT | Fourier Tachometer | |
| FT | Identification for an aviation terminal forecast | valid at an airport |
| | | |

| | | |
|-------------------------|-----------------------------------|--|
| FT | forward-in-time | |
| FTACH | Fourier Tachometer | |
| FTAM | file transfer access management | |
| FTE | full-time equivalent | |
| FTE | full-time employees | |
| FTFC | Fourier transform flow cytometer | |
| FTIR | Fourier transformed infrared | spectroscopy |
| FTOS | FGGE Tropical Observing System | |
| FTP | File Transfer Protocol | A method of transferring files electronically that can be implemented on a variety of computers. It is an applications-level protocol based on TCP/IP. Anonymous FTP indicates that any user may obtain files from a remote system by logging in as anonymous with an arbitrary password (traditionally, "guest" or your e-mail address) |
| FTS | Fourier Transform Spectrometer | |
| FTS | Federal Telecommunications System | |
| FTSC | FSL Technical Steering Committee | |
| FUA | Fuel Use Act | |
| FUN | FL-4 Uniform Network Project | UCAR, NCAR |
| fuzzball gateway | | A specially configured DEC computer running software that connects computers to telephone lines. Used as a networking device |
| F-V | Fussell-Vesely | |

| | | |
|-----------------|--|---|
| FWHM | full width, half maximum | a spectroscopic term, meaning that a certain specified width occurs halfway up an intensity curve |
| FWPCA | Federal Water Pollution Control Act | CWA |
| FWS | filter wedge spectrometer | |
| FWQC | Federal Water Quality Criteria | |
| FWS | Fish and Wildlife Service | DOI |
| FX | FSL's X-window workstation | the demonstration workstation for the WFO-Advanced workstation |
| FX-ALPHA | FSL X-window AWIPS-Like Prototype for Hydrometeorological Applications | renamed WFO-Advanced |
| FY | fiscal year | |


[top](#)

[back to](#)

| [NCAR](#) | [UCP](#) | ©2009, UCAR | Sponsored by



This document can be found at <http://www.ucar.edu/news/acronyms/f.shtml>

 [Subscribe to our News Feeds at www.ucar.edu/news/rss](http://www.ucar.edu/news/rss)