



## 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

### E

Acronym	Full name	Comments
<b>E</b>	Epsilon	
<b>EAA</b>	Export Administration Act	
<b>e-mail</b>	electronic mail	any of the myriad ways people exchange messages via computers
<b>EAC</b>	Employee Activities Committee	NCAR
<b>EAC</b>	Estimated Cost at Completion	
<b>EACR</b>	Environmental Area Characterization Report	
<b>EAD</b>	Energy and Air Division (EPA, ORD)	
<b>EAG</b>	Environmental Assessments Group	NCAR, ASP
<b>EAG</b>	Exposure Assessment Group	EPA, ORD
<b>EAO</b>	Economy Act Order	
<b>EAR</b>	Ethics Advisory Review	
<b>EAR</b>	Export Administration Regulations	
<b>EARN</b>	European Academic	

	Research Network	
<b>EASDS</b>	Earth Science and Applications Data System	
<b>EASOE</b>	European Arctic Stratospheric Ozone Experiment	
<b>EBAM</b>	electron-beam-accessed-memory	
<b>EBB</b>	equivalent blockbody	Temperature
<b>EBCDIC</b>	Extended Binary-coded Decimal Interchange Code	
<b>EBR-II</b>	Experimental Breeder Reactor II	
<b>EBUFR</b>	Enhanced Binary Universal Form	
<b>EC</b>	European Community	
<b>ECA</b>	Earth-crossing asteroids	
<b>ECAO</b>	Environmental Criteria and Assessment Office	
<b>ECCN</b>	Export Control Classification Number	
<b>ECG</b>	Environmental Coordinating Group	
<b>ECHAM4</b>	European Center HAMBURG 4	
<b>ECMOP</b>	Experimental Center for Mesoscale Ocean Predictions	INO
<b>ECMRWF</b>	European Centre for Medium-Range Weather Forecasts	
<b>ECMWF</b>	European Centre for Medium-range Weather Forecasting	A source for some of the model output grids in the HDS data stream
<b>ECN</b>	Energy Research	

	Foundation, Netherlands	
<b>ECOD</b>	Export Control Operations Division	DOE
<b>ECP</b>	engineering change proposal	
<b>ECR</b>	Economic Cleanup Responsibility Act	
<b>ECR</b>	engineering change request	
<b>ECS</b>	EOSDIS core system	
<b>ECSA</b>	Early Career Scientists Assembly	
<b>ECTD</b>	Emission Control Technology Division	EPA
<b>ECU</b>	Environmental Crimes Unit	DOJ
<b>EDA</b>	ecosystem dynamics and the atmosphere	
<b>EDAS</b>	Ecosystem Dynamics and the Atmosphere Section	
<b>EDC</b>	EROS Data Center	Sioux Falls, SD
<b>EDF</b>	Exploratory Development Facility	PROFS
<b>EDF/ DER</b>	Electricit? de France/ Direccion des Etudes et Recherche	Chatou, France
<b>EDMS</b>	Electra Data Management System	
<b>EDP</b>	Electronic Data Processing	
<b>EDP</b>	embedded data processor	
<b>EDRS</b>	European Data Relay Satellite	
<b>EDS</b>	Environmental Data Service	NESS/NOAA
<b>EDS</b>	Electronic Data Systems	

<b>EDUCOM</b>		A consortium of industrial organizations and university computing administrators
<b>EEA</b>	European Environment Agency	
<b>EEC</b>	European Economic Community	
<b>EECF</b>	Earthnet ERS-1 Central Facility	ESA
<b>EED</b>	Exposure Evaluation Division	EPA
<b>EEl</b>	Edison Electric Institute	
<b>EEID</b>	EOSDIS External Interface Document	
<b>EEMD/NV</b>	Engineering and Energy Management	Nevada Operations Office
<b>EEMOC</b>	European EMOC	
<b>EEOC</b>	Equal Employment Opportunity Commission	
<b>EEPROM</b>	Electrically Erasable and Programmable Read Only Memory	
<b>EERL</b>	Eastern Environmental Radiation Lab	
<b>EERU</b>	Environmental Emergency Response Unit	
<b>EES</b>	Earth & Environmental Science	
<b>EESI</b>	Environment & Energy Study Institute	
<b>EETFC</b>	Environmental Effects, Transport, & Fate Committee	

<b>EEZSCAN</b>	Exclusive Economic Zone Scan	
<b>Ef</b>	error function	
<b>EF</b>	emission factor	
<b>EFC</b>	Experimental Forecast Center	
<b>EFEDA</b>	European Field Experiment in Desertification-Threatened Area	1991-96 field experiment in semi-arid Spain
<b>EFF</b>	Experimental Forecast Facility	Created by the NWS
<b>EFI</b>	Enrico Fermi Institute	
<b>EFT</b>	Enhanced Forecaster Tools	
<b>EFNS</b>	Educational Foundation for Nuclear Science	
<b>EFTA</b>	European Free Trade Association	
<b>EFTC</b>	European Fluorocarbon Technical Committee	
<b>EGA</b>	Enhanced graphics adapter	An IBM product that expands the graphics capability of a display terminal
<b>EGD</b>	Effluent Guidelines Division	EPA
<b>EG&amp;G, Inc.</b>	Formerly Edgerton, Gremerhausen, and Grier	
<b>EGP</b>	Exterior Gateway Protocol	This is not a true routing protocol; it's used to spread "reachability information" throughout ARPANET.
<b>EGS</b>	European Geophysical Society	

<b>EGSE</b>	Electronic Ground Support Equipment	
<b>EGTF</b>	Electron Gun Test Facility	
<b>Eh</b>	oxidation potential	
<b>EH</b>	Assistant Secretary for Environment, Safety, and Health	DOE
<b>EHF</b>	extremely high frequency	30-300 GHz
<b>EI</b>	electron ionization	
<b>EIC</b>	Earth Information System	
<b>EIA</b>	Energy Information Administration	
<b>EIA</b>	Electronic Industries Association	
<b>EIB</b>	Environmental Improvement Board	NM
<b>EICC</b>	emergency information control center	FEMA
<b>EINet</b>	Enterprise Integration Network	
<b>EIR</b>	Eidgenossisches Institut für Reaktorforschung	Switzerland
<b>EIS</b>	environmental impact statement	
<b>EISA</b>	Extended Industry Standard Architecture	
<b>EISCAT</b>	European Incoherent Scatter Radar System	Kiruna, Sweden
<b>EISPACK</b>	eigensystem package subroutine computing facility	
<b>ELCHEM</b>	Electrified Clouds as Sources of NO <sub>x</sub> , and O <sub>3</sub>	
<b>ELDO</b>	European Launcher	Space shuttle

	Development Organization	programs, 3/73 replaced by ESA, European Space Agency
<b>ELDOME</b>	Electra Radome	
<b>ELDORA</b>	Electra Doppler Radar	NCAR, RAF
<b>ELDORA/ASTERIX</b>	France-United States collaborative development of the ELDORA	
<b>ELF</b>	extremely low frequency	30-300 Hz
<b>ELGA</b>	(French) Study of African Squall Lines	
<b>ELI</b>	Environmental Law Institute	
<b>elint</b>	electronic intelligence	
<b>ELLWAS</b>	Enhanced Low-Level Windshear Alert System	RAP
<b>EI Ni-o</b>	The little boy	brother to La Ni-a
<b>ELP</b>	emission line polarimeter	
<b>ELP</b>	Equipment Loan Program	LANL
<b>ELSCAM</b>	Electra Scalar Measurements	
<b>ELVD</b>	Every Launch Vehicle Directorate	France
<b>ELVIS</b>	ELECTromagnetic Very weak Instabilities Saturated	
<b>ELVIS</b>	Export Licensing Voice Information System	Department of Commerce
<b>EM</b>	Engineering Model	
<b>EM</b>	electromagnetic	
<b>EM</b>	electromagnetic conductivity	

<b>EM</b>	electronic mail	
<b>EM</b>	electron microscope	
<b>EM</b>	evaluation model	
<b>EMA</b>	Electrodynamics of the Middle Atmosphere	
<b>EMA</b>	Extended Memory Addressing	
<b>emacs</b>	An on-line text editor distributed as part of the GNU package of UNIX software	
<b>EMAD</b>	Equatorial Middle Atmosphere Dynamics	STEP, Japan
<b>EMAP</b>	Environmental Monitoring and Assessment Program	EPA
<b>EMC</b>	Environmental Modeling Center	one of the National Centers for Environmental Prediction
<b>EMCOM</b>	Environmental Management Career Opportunities for Minorities	
<b>EMCORE</b>	Environmental Management Center Opportunities Resource	
<b>EMDS</b>	Emergency Management Decision Support system	the dissemination component of LDAD
<b>EMEP</b>	European Model and Evaluation Program	
<b>EMEX</b>	Equatorial Monsoon Experiment	
<b>EMEX</b>	Equatorial Mesoscale Experiment	
<b>Emf</b>	electromotive force	
<b>EMF</b>	Electromagnetic field/force	

<b>EMG</b>	Electromagnetic Gravity Data
<b>EMI</b>	electromagnetic interference
<b>EMI</b>	electromagnetic radiation interference
<b>EMMP</b>	Environmental Monitoring and Mitigation Plan
<b>EMO</b>	Elk Mountain Observatory
<b>EMO</b>	Emergency Management Office
<b>EMO</b>	Environmental Management Office
<b>EMP</b>	electromagnetic pulse
<b>EMR</b>	electromagnetic radiation
<b>EMR</b>	electronic mail registration
<b>EMRO</b>	Emergency Management & Response Office
<b>EM-Scattering</b>	electromagnetic scattering
<b>EMSES</b>	Electromagnetic Modeling and Simulation Environment for Systems
<b>EMU</b>	electromagnetic units
<b>EMU</b>	electromotive unit
<b>ENAC</b>	Energetic Neutral Atom Camera
<b>ENACEOS</b>	Energetic Neutral Atom Camera for EOS
<b>ENCAR</b>	Enclosed Cryopump for Air Sample

	Recovery	
<b>ENDEX</b>	Environmental Data Index	NOAA
<b>ENEA</b>	Comitato Nazionale per la Ricerca e lo Sviluppo dell' Energia Nucleare e delle Energie Alternative	Nuclear Energy and Alternative Energy, Italy
<b>ENRI</b>	Electronic Navigation Research Institute	Japan
<b>ENS</b>	European Nuclear Society	
<b>ENSO</b>	El Ni-o-Southern Oscillation	
<b>enstrophy</b>		mean square vorticity
<b>Envisat</b>	European Environmental Satellite	
<b>EO</b>	Office of Education and Outreach	UCAR
<b>EO</b>	ethylene oxide	
<b>EOB</b>	Executive Office Building	
<b>EOC</b>	Earth Observation Center	Japan
<b>EOC</b>	EOS Operations Center	
<b>EOCAP</b>	Earth Observations Commercialization Applications Program	
<b>EODC</b>	Earth Observation Data Centre	United Kingdom
<b>EOF</b>	empirical orthogonal function	
<b>EOFs</b>	empirical orthogonal functions	
<b>EO-ICWG</b>	Earth Observation International Coordination Working Group	

<b>EOL</b>	Earth Observing Laboratory (formerly ATD)	NCAR
<b>EOL</b>	End of Life	
<b>EOLE</b>	The French program like GHOST	EOLE is not an acronym, the French capitalize projects because we do, we do because most are acronyms. Eole is the French spelling for the Greek god of the Winds, Aeolus.
<b>Eon</b>	10 to the 9th years	
<b>EOP</b>	Equal Employment Opportunity	
<b>EOPM</b>	electro-optic phase modulated	
<b>EOR</b>	Emergency Operations Center	
<b>EORC</b>	Earth Observation Research Center	
<b>EORV</b>	Emergency Operating Records Vault	
<b>EOS</b>	Earth Observing System	NASA, 1991
<b>EOS-A</b>	first NPOP	
<b>EOSAT</b>	Earth Observation Satellite Company	
<b>EOSDIS</b>	Earth Observing System Data and Information System	the data management component of EOS
<b>EOSIS</b>	EOS Information System	U.S.
<b>EOSP</b>	Earth Observing Scannign Polarimeter	
<b>EP</b>	electrical power	
<b>EPA</b>	Environmental Protection Agency	a branch of the Federal government

<b>EPAA</b>	Environmental Programs Assistance Act	1984
<b>EPAC</b>	External Program Advisory Committee	reviews DOE contracts
<b>EPC</b>	Environmental Forecast Center	
<b>EPC</b>	Emergency Planning Commission	
<b>EPI</b>	electronic position indicator	
<b>EPI</b>	Environmental Policy Institute	
<b>EPIC</b>	Engineering Physics Information Center	ORNL
<b>EPIC</b>	Environmental Photographic Interpretation Center	
<b>EPICS</b>	Energetic Pion Channel and Spectrometer	
<b>EPICS</b>	Experimental Physics & Industrial Control System	
<b>EPL</b>	Electron Prototype Lab	
<b>EPO</b>	Estuarine Programs Office	NOAA
<b>EPOCH</b>	European Program on Climatology and Natural Hazards	
<b>EPOCS</b>	Eastern Pacific Ocean Climate Study	
<b>EPOP</b>	European Polar Orbiting Platform	
<b>EPR</b>	electron paragnagnetic resonance	EPR Spectrometer
<b>EPRI</b>	Electric Power Research Institute	Palo Alto, California
<b>EPROM</b>	Electronically Programmable Read	

	Only Memory	
<b>EqS</b>	Equatorial scatter	
<b>ER</b>	electrical resistivity	
<b>ERA</b>	Energy Reorganization Act	
<b>ERA</b>	Engineering Research Associates	
<b>ERAB</b>	Energy Research Advisory Board	
<b>ERACF</b>	Environmental Radiation Ambient Monitoring System	EPA
<b>ERB</b>	earth radiation budget	TWERLE
<b>ERBE</b>	Earth Radiation Budget Experiment	NASA
<b>ERBI</b>	Earth Radiation Budget Instrument	
<b>ERBS</b>	Earth Radiation Budget Satellite	NASA
<b>ERC</b>	Equatorial ring current	see USERC
<b>ERC</b>	Environmental Research Center	
<b>ERDA</b>	Energy Research and Development Administration	formerly AEC
<b>ERDA</b>	Energy Research and Development Administration	formerly AEC
<b>ERDC</b>	Exploratory Research and Development Center	
<b>DRD&amp;DAA</b>	Environmental Research, Development and Demonstration Authorization Act	
<b>ERDIP</b>	Experimental R & D Incentives Program	NSF
<b>ERG</b>	External Review Group	DOE

<b>ERICA</b>	Experiment on Rapidly Intensifying Cyclones and Anticyclones	
<b>ERICA</b>	Experiment on Rapidly Intensifying Cyclones in the Atlantic	
<b>ERL</b>	Electromagnetic Radiation Laboratory	
<b>ERL</b>	Environmental Research Laboratory	NOAA
<b>EROC</b>	Ecological Rates of Change	
<b>EROS</b>	Earth Resources Observation System	USGS, 1996
<b>ERS</b>	Earth Remote-Sensing Satellite	ESA
<b>ERS</b>	element requirements specification	
<b>ERS</b>	Earth Resources Satellite	Europe
<b>ERS-1</b>	European Remote Sensing Satellite 1	(ESA)
<b>ERS-II</b>	European Research Satellite	
<b>ERS-2</b>	European Remote Sensing	
<b>ERSDAC</b>	Earth Resources Satellite Data Analysis Center	Japan
<b>ERT</b>	Environmental Research and Technology, Inc.	
<b>ERTAQ</b>	ERT air quality	model
<b>ERTD</b>	Environmental Research & Technology Division	EG&G
<b>ERTS</b>	Earth Resources Technology Satellite	GARP
<b>(E<sub>s</sub>)</b>	Sporadic E	

<b>ESA</b>	European Space Agency	1996, replaces ELDO and ESRO
<b>ESA</b>	Endangered Species Act	
<b>ESA</b>	Exploratory Shaft Facility	YMP
<b>ESA</b>	Engineering Support Activity	U.S. Navy
<b>ESAD</b>	Earth Science and Applications Division	
<b>ESC</b>	Engineering Support Center	
<b>ESCAP</b>	Economic Social Commission for Asia and the Pacific	United Nations
<b>ESCP</b>	Earth Sciences Curriculum Project	
<b>ESD</b>	Environmental Satellite Data, Inc.	A company that provides meteorological services
<b>ESD</b>	Electronic System Division	U.S. Air Force
<b>ESD</b>	Employment Security Department	Nevada
<b>ESDD</b>	Earth Science Data Directory	
<b>ESDI</b>	Enhanced Small Device Interface	high transfer rate hard drives
<b>ESDIM</b>	Earth System Data and Information Management	
<b>ESDIM</b>	Environmental Science Data Integration and Management	
<b>ESECA</b>	Energy Supply & Environmental Coordination Act	
<b>ESF</b>	European Science Foundation	
<b>ESFU</b>	enhanced standard	

	format unit	
<b>ESG</b>	Empirical Study Group	NCAR
<b>Eshp</b>	effective shaft horse power	
<b>ESI</b>	Earth Systems Institute	Rice University
<b>ESID</b>	EOSDIS Systems interface document	
<b>ESIG</b>	Environmental and Societal Impacts Group	NCAR
<b>ESIP</b>	Earth System Information Partners Federation	
<b>ESIS</b>	Earth Science Information System	
<b>ESIS</b>	ESA Space Information Systems	
<b>ESJWG</b>	Earth Science Joint Working Group	
<b>ESL</b>	Earth Sciences Laboratories	NOAA
<b>ESM</b>	Earth Systems Model	
<b>ESMF</b>	Earth System Model Framework	
<b>ESML</b>	Earth Science Markup Language	
<b>ESMR</b>	Electronically Scanning Microwave Radiometer	
<b>ESN</b>	ECS Science Network	
<b>ESnet</b>	Energy Sciences Network	
<b>ESO</b>	European Southern Observatory	
<b>ESPIRIT</b>	European Strategic Programme for R&D in Information Technology	
<b>Esr</b>	electron spin	

	resonance	
<b>ESRO</b>	European Space Research Organization	Noordwyk, Holland, 3/73 replaced by ESA
<b>ESS</b>	Earth System Science	
<b>ESS</b>	Engineering Equipment Surveillance System	
<b>ESSA</b>	Environmental Science Services Administration	1996, replaced by NOAA
<b>ESSC</b>	Earth System Science Committee	NASA
<b>ESSC</b>	Environmental Science Services Administration	U.S.
<b>ESSCO</b>	Electronic Space Systems Corporation	
<b>ESSCO</b>	Environmental Science & Services Corporation	
<b>ESSIS</b>	Earth System Science Information System	
<b>ESSL</b>	Earth & Sun Systems Laboratory (formerly ATD)	
<b>ESTAR</b>	Electrically Steered Thinned Array Radiometer	
<b>ESTEC</b>	European Space Research and Space Technology Centre	
<b>ESTSC</b>	Energy Science and Technology Software Center	
<b>ESTP</b>	Exploratory Shaft Test Plan	
<b>esu</b>	electrostatic unit	
<b>ET</b>	evapotranspiration	
<b>ETA</b>		A vendor of

		supercomputers and associated software
<b>Eta</b>	A hydrostatic model that employs the eta vertical coordinate	NWS/NCEP
<b>ETA</b>	A subsidiary of Control Data Corporation that manufactures supercomputers	
<b>ETAG</b>	Educational Technologies Assistance Group	A University of Illinois microcomputing facilities group
<b>ETC</b>	Estimate Time to Complete	
<b>ETC</b>	engineering training course	
<b>ETCE</b>	Effects of Tropical Convection Experiment	
<b>ETCO</b>	External Tanks Corporation	also known as Space Phoenix
<b>ETE</b>		abbreviation for estimated time en route
<b>ETEC</b>	Energy Technology Engineering Center	Canoga Park
<b>Ethernet</b>		A local area networking hardware system (cables, connectors, etc.) developed and licensed by Xerox Corporation; accepted as a standard by IEEE; now manufactured by a wide number of companies
<b>ETFSP</b>	Enhanced Technology Flight Segment Prototype	
<b>ETG</b>	Eclipse Task Group	for the 1973 Solar

		Eclipse Expedition
<b>ETH</b>	Eidgenossische Technische Hochschule	Federal Technical High School in Zurich
<b>Ethernet</b>	A network standard for the hardware and data link levels	
<b>ETIP</b>	Experimental Technology Incentive Program	National Bureau of Standards
<b>ETL</b>	Environmental Technology Laboratory	NOAA, previously the Wave Propagation Laboratory
<b>ETL</b>	Energy Technology Programs	
<b>ETM</b>	Enhanced Thematic Mapper	
<b>ETR</b>	element test review	
<b>ETS</b>	Emergency Transponder System	
<b>EU</b>	European Union	
<b>EUCLID</b>	European Cooperation for the Long Term in Defense	
<b>EUCREX</b>	European Cirrus Research Experiment	formerly ICE
<b>EUMAC</b>	part of EUROTRAC	
<b>Eumetsat</b>	European Meteorological Satellite	
<b>EURAM</b>	European Research in Advanced Materials	
<b>EUROTRAC</b>	European Experiment for Transporting and Transforming Environmentally Relevant Trace Construction in the Troposphere	

<b>EURATOM</b>	European Atomic Energy Agency/Community	
<b>EUREKA</b>	European Research Cooperation Agency	
<b>EUV</b>	extreme ultraviolet	sometimes given as XUV
<b>EV</b>	Earned Value	
<b>EVE</b>	Equilibrium Vegetation Ecology	
<b>EWE</b>	Equatorial Winds Experiment	GAMP project
<b>EWF</b>	Early Warning Form	
<b>EXAbyte</b>	Boulder-based computer company	
<b>EXAMETNET</b>	Experimental Inter-American Meteorological Rocket Network	
<b>EXCEL</b>	Experimental Chloride Extraction Line	
<b>EXEC</b>	Executable program	
<b>EXOSAT</b>	European X-ray Observatory Satellite	
<b>EXPRESSO</b>	EXPeriment for REgional Sources and Sinks of Oxidants	
<b>EXPRS</b>	EXpendable Probe Receiver System	

---

[top](#)
[back to](#)

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

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

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