



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

D

Acronym	Full name	Comments
D Scale	Convective Scale	1 to 10 km
D/A	digital-to-analogue conversion	
D/L	downlink	
D/RADEX	Digital Radar Experiment	NWS
DA	drift angle	
da	deka	Metric prefix meaning 10'
DAB	Defense Acquisition Board	
DAC	Douglas Aircraft Corporation	
DAC	Director's Advisory Committee	
DAC	Disaster Assistant Center	
DADS	Data Archive and Distribution System	
DAESRA	Denver Area Employees Service and Recreation Association	
DAF	Data Acquisition Facility	
DAF	Device Assembly Facility	

DAI	Data Assimilation Initiative	
DAIRS	Differential Absorption Infrared Sensor	NCAR, ATD
DAM	Data Access Management	object-oriented software
DAMUS	Data Management and User Services	
DAR	data acquisition request	
DARE	Denver AWIPS Risk Reduction and Requirements Evaluation	preferred form of DARRRE
DARE-1	a weather service work station at PROFS	
DARE-2	a weather service work station at PROFS	
DARPA	Defense Advanced Research Projects Agency	U.S. Department of Defense
DARRRE	DAR3E	Denver AWIPS-90 Risk Reduction Requirements Evaluation
DART	Data Assimilation Research Testbed	
DARTS	DOE Audit Reporting & Tracking System	
DAS	Data-Acquisition System	
DASA	Defense Atomic Support Agency	
DASC	Division of Advanced Scientific Computing	NSF
DASC	Defense Logistics Agency Administrative Support Center	
DASD	Direct Access Storage	

	Device	
DASM	design and analysis support model	
DASMA	Deputy Assistant Secretary for Military Application	
DAT	Data Acquisition Test	
DAT	Digital audio tape	
data feed		In the context of the Unidata LDM, a sequence of data products, all of the same feed type, injected into the IDD from a single data source
data product		In the context of the Unidata LDM, a unit of data with an associated feed type, product ID, injection time, and origin, and sequence number
data relay		In the context of the Unidata LDM, a network node that relays data products from one or more upstream source nodes to one or more downstream sink nodes. A relay node may provide data fan-out by receiving data products from a single upstream source that it then transmits to multiple downstream sinks
data sink		In the context of the Unidata LDM, a remote consumer of data products that must be transmitted as they arrive
data source		In the context of the Unidata LDM, a remote provider of data products

data stream		In the context of the Unidata LDM, a sequence of bulletins all of the same feed type broadcast from a single data source. Once the bulletins are converted into data products, the result is called a data feed
DAWG	Data Assimilation Working Group	
DB	Direct Broadcast	
DB	Division Burden	
D-B	Davis-Bacon Act	
DBA	data base administrator	
DBER	Division of Biomedical and Environmental Research	ERDA
DBMS	Data Base Management System	
DBSS	Directed Balloon Sounding System	
DBX	debugger for UNIX	
DBZ	Decibels	
Dc	direct current	
DC	Dublin Core--metadata	(http://purl.org/DC)
DCA	Washington National Airport	
DCA	data collection assignment	
DCAA	Defense Contract Audit Agency	
DCAR	data collection analysis request	
DCC	Direct Connect Service	
DCE	Distributed Computing Environment	An architecture of programming interfaces, conventions,

		and server functionalities (eg. naming, distributed file system, remote procedure call) for distributing applications transparently across networks of heterogeneous computers promoted and controlled by the Open Software Foundation (OSF)
DCF	Data Capture Facility	
DCG	Derived Air Concentration Guide for Uncontrolled Areas	DOE
DCLS	Data Collection Location System	Satellite borne system to receive relayed data from platforms
DCM	Deep Convection Model	three- dimensional, time-varying deep convection model
DCO	delayed compliance order	CAA
DCP	Data Collection Platform	
DCR	data collection request	
DCS	Direct Connect Service	
DCSL	distributed CSL	
DCTN	Defense Commercial Telecommunications Network	
DCVZ	Denver Convergence Vorticity Zone	
DCX	Delta Clipper experimental	rocket
dd	dated, delivered	
DD	Demonstration Division	NOAA, FSL
DDB	delayed direct	

	broadcast	
DDC	Defense Documentation Center	Formerly ASTIA
DD+	Domestic Data Plus	A data stream provided by Alden comprising the NWS Domestic Data and Public Product services
DDD	Wind direction	Computer usage-transmission line (like WATS)
DDE	Dynamic (or Direct) Data Exchange	
DDE	Distributed data environment	the SSEC term for the client/server format for McIDAS
DDESB	Department of Defense Explosives Safety Board	
DDF	digital data formatter	
DDHS	Digital Data Handling System	
DDN	Data Defense Network	
DDR	Deutsche Demokratische Republik	
DDS	Domestic Data Service	A data feed that is part of the NWS Family of Services
DDS	Data Delivery Services	
DDS	doctor of dental science, doctor of dental surgery	
DE	Dynamics Explorer	
DEA	Drug Enforcement Administration	
DEAR	Department of Energy acquisition regulation	

DEBITS	Deposition of Biogeochemical Important Trace Species	
DEC	Digital Equipment Corporation	A well-known computer manufacturer
DEC	DOE environmental checklist	
DECAFE	dynamique Et Chimie de l'Atmosphere en Foret Equitoriale	
DECDOS	DEC's version of DOS	
DECMail	An electronic mail facility provided by DEC	
DECnet	Digital Equipment Corporation network	A protocol that allows DEC computers to be linked together via an electronic network
decoder	In the context of the Unidata LDM	A program that converts transmitted data products into a different form more suitable for use by applications. Decoders often combine multiple products into a single decoded file
DECU	Developmental & Educational Communications Unit	India
DECUS	Digital Equipment Computer Users Society	DEC
DED	data element directory	
degree-day	a measure of the departure of the mean daily temperature from a given standard	one degree-day for each degree (°C or °F) of departure above (or below) the standard during one day
DELNI	Digital Equipment Local Network Interconnect	A transceiver splitter box that taps into the Ethernet cable. Each DELNI box enables up to eight stand-alone

		computer workstations to be tied into the Ethernet
DEM	Digitized Elevation Models	
DEM	digital elevation model	
DemVal	Demonstration and validation	
DERF	Dynamic Extended Range Forecasting	
DES	Data Encryption Standard	NIST
DEST	Directed Energy Science & Technology	
DETEC	Defense Technology Evaluation Code	
device driver	The software that controls a particular hardware component, typically an output device (such as a printer or terminal) or an input port	
dewpoint		The temperature to which a given air parcel must be cooled at constant pressure and constant water vapor content in order for saturation to occur.
DEWPOINT	Directed Energy Weapon Power Integration	
DEWS	Doppler Electronic Weather Sensor	
DF	direction finding	
D&F	determination and findings	
DFD	data flow diagram	
DFDR	Digital Flight Data Recorder	
DFS	Design and	NCAR, EOL

	Fabrication Services	
DFVLR	Deutsche Forschungs-und Versuchanstalt f?r Luft-und Raumfahrt e.V.	German Aerospace Research Establishment
DFW	Dallas-Fort Worth International Airport	
DG	Data General, Inc.	
DG	diesel generator	
DGC	Division of Grants and Contracts	NSF
DGPS	Differential Global Positioning System	
DHC	Data Handling Center	
DHEW	Department of Health, Education, and Welfare	US, PHS
DH&HS	Director of Health & Human Services	
DHR	Director of Human Resources	
DHS	Data Handling Services	
DIA	direct-interaction approximation	
DIA	Denver International Airport	
DIA	Defense Intelligence Agency	
diabatic process		A thermodynamic change of state of a system in which the system exchanges energy with its surroundings by virtue of a temperature difference between them.
DIAL	differential absorption lidar	
diamond		Small ice crystals falling

dust		from an apparently cloudless sky, (often, but not always, at night).
DIB	directory information base	
DIB	Disabilities Issues Board	
DIC	dissolved inorganic carbon	
DIC	Defense Intelligence College	
DICOMED	Online graphics recorder used at NCAR for producing microfilm and microfiche output	
DID	data item description	
DIF	Data Interface Facility	
DIF	Directory Interchange Format	
DIFAX	Digital facsimile map	A data stream of digitized maps provided by the NWS
DIG	DOE Interaction Group	
DIMES	Distributed MEtadata System	
DIP Dual in-line package		A standard integrated circuit enclosed in a molded plastic unit. Consists of two parallel rows of pins connected to the circuit board
DIPS DMS Image Processing System		A software layer developed by the Naval Postgraduate School to organize the DMS functions into user-accessible programs
DIP switch		An on-off switch on a DIP that allows users to select options on a circuit board without

		altering the hardware
DIR	Director's Office	NCAR
DIRC	DOE Internal Review Committee	
DIRP	DOE Internal Review Panel	
Di_Sys		A vendor contracted by Unidata to develop prototype software for what became the LDM
DIS	Data Information System	
DIS	Data Interface System	
DIS	Defense Intelligence Service	
DISA	Defense Information Systems Agency	
DISN	Defense Information Systems Network	
DLA	Defense Logistics Agency	
DLD	Digital Loran Dropwindsonde	
DLESE	Digital Library for Earth System Education	UCAR Office of Programs
DLPDU	data link protocol data unit	
DLR	Deutsche Zentrum fur Luft-und Raumfahrt	German Aerospace Center
DLS	Dynamic Limb Sounder	Oxford counterpart of HIRRLS
DLT	Digital Linear Tape	
DM	data management	
DMA	Defense Mapping Agency	
DMA	Directory of Military Application	

DMAIAGS	Defense Mapping Agency Inter-American Geodetic Survey	
DMDS	DiMethyDiSulfide	
DME	distance-measuring equipment	
DMI	Danish Meteorological Institute	
DML	RF Dimensional Metrology Laboratory	
DMMR	Distributed-Memory Microprocessor systems	
DMP	Data Management Plan	
DMS	data management system	
DMS	Device Management System	A collection of callable, C-language, image-processing functions developed by NASA
DMSP	Defense Meteorological Satellite Program	U.S. Air Force program
DMSP SPO	DMSP System Program Office	
DNA	Defense Nuclear Agency	
DNFSB	Defense Nuclear Facilities Safety Board	
DNO	do not operate	
DNP	Division of Nuclear Physics	
DNS	direct numerical simulation	of turbulence
DNS	domain name service	
DNS	Domestic Name System	A general-purpose distributed, replicated, data query service chiefly used on the

		Internet for translating hostnames into Internet addresses
DOA	Department of Agriculture	
DOAS	Differential Optical Absorption Spectroscopy	
DOC	Department of Commerce	U.S.
DOC	dissolved organic carbon	
DOD	Digital Omega Dropwindsonde	
DoD	Department of Defense	U.S.
DOD	Digital Optical Disk	
DODCI	Department of Defense Computer Institute	
DoDP	Department of Defense Programs	
DODS	Distributed Ocean Data System	remote access to scientific data-Matlab client. Uses Unidata's netCDF software
DOE	Department of Energy	U.S.
DOE/HQ	Department of Energy Headquarters	
DOE/HQ-EH	DOE Headquarters, Environment & Health	
DOE/ID	DOE Idaho	
DOELAP	DOE Laboratory Accreditation Program	
DOE/NV	DOE Nevada Operations Office	
DOE/RF	DOE Rocky Flats Operations Office	
DOE/RFO	DOE Rocky Flats	

	Office	
DOE/RL	DOE Richland Operations	
DOE/SR	DOE Savannah River	
DOI	Department of Interior	U.S.
DOJ	Department of Justice	
DOL	Department of Labor	
DOMONIC	Johnsten Island Experiment	GARP
DOMSAT	Domestic satellite	
DOOS	DICOMED Online Operating System	
DOPLID	Doppler Lidar	
DOPLIGHT	Doppler and Lightning Program	NSSL
DORIS	Determination d'Orbite et Radiopositionnement Integre par Satellite	
DORIS	Doppler orbitography & radiopositioning integrated by satellite	
DOS	Department of State	
DOS	Department of Space	India
DOS Disk Operating System		A computer operating system; see MSDOS and PCDOS
DOSECC	Deep Observation and Sampling of the Earth's Continental Crust, Inc.	
DOT	Department of Transportation	U.S.
DOW	Defenders of Wildlife	
downstream		In the context of the Unidata IDD, the direction of data flow from data sources to data sinks

downstream sink		See data sink
DP	data processing	
DP	Defense Programs	DOE
DPC	DLESE Program Center	
DPDC	Data Processing and Distribution Center	
DPFC	Defense Program Field Council	
DPG	Dahlgren Proving Ground	
DPH	dew-point hygrometer	
DPMB	Defense Programs Management Board	
DPMI	DOS Protected Mode Interface	memory management
DPS	Data Production Services	
DPSOL	Du Pont Savannah River Operations Logbook	
DQ	Director of Quality	
DQA	data quality assessment	
DQM	data quality monitor	TWERLE
D/RADEX	Digital Radar Experiment	NWS
DR	discrepancy report	
DRA	Defense Research & Applications	
DRAAG	Design Review and Acceptance Group	
DRB	Design Review Board	
DRE	Defense Research and Engineering	
DRGS	Direct Read-out Ground Station	

DRI	Defense Research Internet	
DRI	Desert Research Institute	University of Nevada
DRL	Deliverables Requirement List	
DRL	data requirements list	
DRM	design reference mission	
DRMS	Data Record Management System	
DROT	Direct Read Out Terminal	
DRP	Design Review Presentation	
DRPN	Division de Recherche en Precision Numerique	AES, Canada
DRTS	Data Relay and Tracking Satellite	Japan
Dry-MAP	Mesoscale Alpine Project	mountain waves near the Alps
DS	Lightning Detection Systems	
DS-1	digital signal 1	
DSA	directory system agent	
DSAA	Defense Security Assistance Agency	
DSAP	DOE special analysis project	
DSAT	Distributed System Administration Team	
DSB	direct soundings broadcast	
DSDP	Deep Sea Drilling Project	Part of NSF's Natinal Ocean Sediment Coring Program
DSET	Desert Sunshine Exposure Testing,	

	Inc.	
DSI (+/or MOD)	Ministry of Defense	
DSI (+/or MOD)	Defense Security Installation	UK
DSIR	Department of Scientific & Industrial Research	UK
dsl	distributed software libraries	
DSM	DiMethylSulfide	
DSM	demonstration support model	
DSN	Deep Space Network	
DSN	Defense Switched Network	
DSRS	Data Storage and Retrieval System	
DSS	Data Support Section	NCAR, SCD
DSSG	Defense Science Study Group	
DST	Data Systems Test	GARP
DTC	Developmental Testbed Center	NCAR
DTC	distance traveled count	Refers to ground speed
DTC	Office of Defense Trade Controls	
DTF	data test facility	
DTF	development and test facility	
DTF3	Diagnostic Turbulent Flux algorithm	used for diagnosing turbulence
DTF3.1	same as DTF3	except it eliminates the empirical estimates of the turbulent mixing length and avoids the use of a constant momentum mixing efficient

DTG	data time group	
DTIC	Defense Technical Information Center	
DTM	digital terrain map	
DTR	development and test resource	
DTRC	David Taylor Research Center	Navy
DTSA	Defense Technology Security Administration	
DUDFCD	Denver Urban Drainage and Flood Control District	
DULTI	University of Denver Low Turbulence Inlet	
DUOF	Depleted Uranium Oxide Facility	
DVM	digital voltmeter	
DVM	Dynamic Vegetation Model	
DWB	Library, US Weather Bureau	Washington, D.C.
DWB	Developers Workbench	services architecture
DWB	Library, US Weather Bureau	Washington, D.C.
DWS	Dropwindsonde	
DWTF	Decontamination and Waste Treatment Facility	LLNL
DXF	data exchange format	
DYANA	Dynamics Adapted Network for the Atmosphere	STEP, Germany
DYCOMS	Dynamics and Chemistry of Marine Stratocumulus	
DYCOMS-II	Dynamics and Chemistry of Marine	

	Stratocumulus, Phase II	
DYNA	structural dynamics analysis	

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