



Acronym List

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Q | R | S | T | U | V | W | X | Y | Z

L

Acronym	Full name	Comments
L	lunar	
L2D2	Lightweight LORAN Digital Dropsonde	1990
L-DEO	Lamont-Doherty Earth Observatory	Columbia University
LA	Longmont anticyclone	
La Niña	The little girl	sister to El Niño
LAC	local area coverage	AVHRR
LACATE	lower atmosphere composition and temperature experiment	
LACTOZ		part of EUROTRAC
LAGEOS	Laser Geodynamics Satellite	USA/Italy
LAGEOS-2	Laser Geodynamics Satellite-2	Italy
LAI	Leaf Area Index	
LAM	Limited-area model	
LAMBADA	Amazon Basin Experiment	
LAMMR	Large Antenna Multichannel Microwave Radiometer	
LAMP	Laboratoire Associe	University of

	de Meteorologie Physique	Clermont, France
LAMPS	Limited-Area Mesoscale Prediction System	
LAMMR	Large Antenna Multichannel Microwave Radiometer	
LAMSS	Laser Air Motion Sensing System	
LAN	local area network	A communications network linking a number of computers in a relatively small geographical (i.e., "local") region
LANDSAT	Land Remote Sensing Satellite	
landspout		A tornado
La Niña	The little girl	sister to El Niño
LANL	Los Alamos National Laboratory	
LANTEX	Lantau Experiment	
LAOL	Los Alamos Opacity Library	
LAPB	Local Analysis and Prediction Branch	NOAA, FSL
LAPS	Local Analysis and Prediction System	
LAPS	Local Area Prediction System	NOAA/FSL
LaRC	Langley Research Center	
LARC	Limited Area Remote Collector	
LAS	Laboratory of Atmospheric Science	
LAS	LAGEOS apogee stage	
LASA	Lidar Atmospheric	

	Sounder and Altimeter	
LASERS	Learning about Science Easily and Readily	NCAR
LASP	Laboratory for Atmospheric and Space Physics	University of Colorado
LATAS	Laser True Airspeed System	
latency		In the context of the Unidata LDM, the delay in delivery of a data product since it was first injected from a data source site
LAWS	Laser Atmospheric Wind Sounder	
LAWS	Low Altitude Wind Shear	
LBA/TRMM	Large Scale Biosphere-Atmosphere Experiment in Amazonia/Tropical Rainfall Measuring Mission	
LBJSC	Lydon B. Johnson Space Center	NASA, Houston, Texas
LBN	Lawrence Berkeley Laboratory	
LBJSC	Lydon B Johnson Space Center	NASA at Houston, formerly "Manned Space Center" or MSC.
LC	inductance-capacitance	
LCC	life cycle cost	
LCD	Liquid crystal display	Type of display used in, for example, digital watches
LCL	lifting condensation level	

LCM	large core memory	
LDA	Local Data Acquisition	
LDAD	Local Data Acquisition and Dissemination	a component of the WFO-Advanced workstation
LDAP	Lightweight Directory Access Protocol	
LDM	Local Data Manager	The software allows Unidata sites to select, capture, process, and distribute data products. The LDM is implemented as a set of network client and server programs and their shared protocols. In 1994, the LDM was modified to allow its use across the Internet (See IDD)
LDM_Connection		Unidata software that created Unidata McIDAS MD files from International Data Service surface (synoptic) data
LDM server		The LDM program rpc.ldmd responsible for servicing RPC requests, managing the reception, disposition, and injection of data to and from the IDD
LDN	local data network	NCAR
Ldr	LIDAR	
LDR	linear depolarization ratio	
LDS	Lightning Detection System	
LDS	Linear Depolarization Ratio	

LDS	Loral Defense Systems	formerly Unisys Corporation
LEADEX	Lead Experiment	Arctic
leaf node		In the context of the IDD, an LDM system that receives data products but does not relay data products to other IDD nodes. If the IDD distribution is represented as a directed graph, the leaf nodes have no outgoing edges
LEARN	Laboratory Experience in Atmospheric Research	UCAR
LED	light emitting diode	A type of display
LEDA	On-line Earthnet Data Access	ESA catalog system
LeRC	Lewis Research Center	
LES	large-eddy simulation	
LEST	Large Earth-Based Solar Telescope	
LEWEX	Labrador Extreme Waves Experiment	NASA
LF	Low frequency	
LFC	large format camera	
LFM	limited-area fine mesh	An NMC forecasting model
LGSOWG	Landsat Ground Station Operators Working Group	
lhs	left-hand side	
library		A collection of related software files
LIDAR	Light Detection and Ranging Instrument	

LIE	Line Islands Experiment	
LIMS	Limb Infrared Monitor of the Statosphere	formerly LACATE
Linux		A Unix clone written from scratch by Linus Torvalds with assistance from a loosely-knit team of hackers across the Net. It aims towards POSIX compliance
LIRIS	Loral IR Imaging System	
LIS	Library and Information Systems	NCAR
LIS	Lightning Imaging Sensor	
LISP	List Processing Language	
LITE	Lidar In Space Technology Experiment	
LL	Lincoln Laboratories	MIT
LLC	logical link control	
LLNL	Lawrence Livermore National Laboratory (ies)	
LLP	Lightning Location and Protection	
LLR	Lunar Laser Ranging	
LLWAS	Low-Level Wind Shear Alert System	NCAR, RAP
Im	lumen	
LM	Large Model	job class on the Cray computers
LME	layer management entity	
LMER	Land Margin	

	Ecosystems Research	
LMOS	Lake Michigan Ozone Study	
LNA	Low-noise amplifier	
LNB		Equipment that combines the functions of a low-noise amplifier and a block-down converter in equipment used to receive broadcasts from satellites
LOC	lines of code	
LOD2	Lightweight Omega Digital Dropwindsonde	
LOE	Level of Effort	
LOHSS	Local Hardware and Software Systems	A working group formed after the 1983 workshop, held in Madison, WI , at which the Unidata Program was first conceived
LOICZ	Land-Ocean Interactions in the Coastal Zone	IGBP
LORAN-C	Long Range (aid to) Navigation-C	usually LORAN
LOS	loss of signal	
LOTREX	Working LORAN	
LOTUS	Lower Thermosphere and Upper Stratosphere	NSF
LOWL	Low Degree Oscillations Experiment	
low pressure		An area of low pressure refers to a minimum of atmospheric pressure in two dimensions (closed isobars) on a constant-height chart

		or a minimum of height (closed contours) on a constant-pressure chart.
LOX	Liquid Oxygen	
LPARL	Lockheed Palo Alto Research Laboratory	
LPATS	Lightning Position and Tracking System	A service of Atmospheric Research Systems, Inc.
LPC	large particle count	
LPI	lines per inch	
LPM	lines per minute	
LRC	Langley Research Center	
LRE	Latest Revised Estimate	
LRIR	Limb Radiance Inversion (or Infrared) Radiometer	
LRT	Low Rate Type	NCAR aircraft data
LRU	laser recording unit	
LRU	line replaceable unit	
LSA	logistics support analysis	
LSD	large-scale dynamics	
LSFC	Langley Space Flight Center	NASA
LSI	large scale integration	
LSI	Lunar Science Institute	operated by the University Space Resources Association
LSM	local system management	

LSM	Land Surface Model	
LST	Large Space Telescope	
LSU	Louisiana State University	Baton Rouge
LSX	land surface transfer scheme	
LT	local time	
LTCS	Lower Thermosphere Coupling Study	
LTE	local thermodynamic equilibrium	
LTERR	Long Term Ecological Research	
LTER	Long-Term Ecological Research program	NSF
LTLOG	Landsat Technical Working Group	
LTV	Ling-Temco-Vaught Inc.	
LVBLE	Laramie Valley Boundary Layer Experiment	
LVDT	linear variable differential transformer	
LWC	liquid water content	

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