



## 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

### B

Acronym	Full name	Comments
B	Byte	
b	bit	
bit	binary digit	
B scale	Synoptic scale ranging from 100 to 1,000 km	
BAA	Buy American Act	
BAC	Biosphere-Atmosphere Chemistry	
BAC	Budgeted Cost at Completion	
BAC	Boeing Airplane Company	
BACER	Biological & Climatological Effects Research	
BACH	biosphere-atmosphere-chemistry	
BAe	British Aerospace	
BAFO	Best and Final Offer	
BAG	Boulder Aeronomy Group	
BAHC	Biospheric Aspects of the Hydrological Cycle	IGBP
BAI	Biosphere-Atmosphere Interactions Project	

BAM	Berkeley Abstract Machine	
BAM	Brooklyn Arts Museum	
BAMEX	Bow Echo and Mesoscale Convective Vortex (MCV) Experiment	
BAMS	Bulletin of the American Meteorological Society	
Bandwidth		The amount of data that can be sent through a given communications circuit per second
BANSHEE	Beam Accelerator for Novel Super High Energy Electron	
BAO	Boulder Atmospheric Observatory	NOAA
BAPMon	Baseline Air Pollution Monitoring Network	WMO
BARC	Bhabha Atomic Research Centre	India
baroclinic		The variation with depth of motions associated with variation of density with depth.
barometer		An instrument for measuring atmospheric pressure.
BARRNet	Bay Area Regional Research Network	An informal consortium established in 1986
BART	Biosphere Atmosphere Research and TRaining	NSF/IGERT Program
BART	Bay Area Rapid Transit	
<b>BASC</b>	Barrow Arctic Science Consortium	
BASC	Board on Atmospheric Sciences and Climate	NAS
base line		The reference line in a measurement by

		triangulation.
baseline check		Calibration or quality assurance of radiosonde sensors before flight by comparison of radiosonde measurements with those from other instruments.
baseline monitoring		The establishment and operation of a designed surveillance system for continuous or periodic measurements and recording of existing and changing conditions that will be compared with future observations.
BASIC	beginner's all-purpose symbolic instruction code	A programming language
BASIS	Battelle Automated Search Information System	
BATCH McIDAS	routine that runs sequences of McIDAS commands from a script	
BATGE	Biosphere-Atmosphere Trace Gas Exchange in the Tropics	
BATS	biosphere-atmosphere transfer scheme	ATD, NCAR
baud Literally	the number of times per second a signal can change on a transmission line	therefore, generally equals the number of bits per second that can be transferred over a line
BBC	British Broadcasting Corporation	
BBRR	Brookhaven Beam Research Reactor	
BBS	Bulletin Board System	
BBSO	Big Bear Solar Observatory	
BCAPS	Biological Component of the Air Pollution	

	Studies	
BCCB	Baseline Change Control Board	
BCD	binary-coded decimal	
BCD	barcode decal	
BCL	Battelle Columbus Laboratory	
BCS	Boeing Computer Services	
BCS	Bardeen-Cooper-Schrieffer	
BCWP	Budgeted Cost for Work Performed	
BCWS	Budgeted Cost for Work Scheduled	
BD	blowdown	
BDL	Boundary Layer	
BDN	Bacteria-derived nuclei	
BDSP	Basic Data Set Project	GARP
BDU	Bus Data Unit	
BE	best estimate	
BEJ	best expert judgment	
BEMC	Boulder Emergency Management Center	
BEP	balloon electronics package	GARP
BER	bit error rate	
BER	Biological and Environmental Research	
BEST	Black Educational Science Trust	
BEST	Bilan d'energie du systeme tropical	
BFPO	Block Floating Point Quantizer	
BFS	Business and Financial	

	Services	
BGCWG	Biogeochemistry Working Group	
BGE	Block Gaussian Elimination	
BGP4	Border Gateway Protocol Version 4	
BGS	Biogeosciences Initiative	
bhp	brake horsepower	
BI	The Brookings Institution	
BIATEX	part of EUROTRAC	
BIBEX	Biomass Burning Experiment	
Bigit	A binary digit	
BINET	bistatic Doppler radar receiver network	
BioFlux	Bioaerosol flux	
BIOMASS	Biological Investigations of Marine Antarctic Systems and Stocks	
BIOME	Biological Imaging and Observational Mission to Earth	
BIORESP	Bio Response	
BIP	balloon-borne (instrument) platform	
BIORESP	Bio Response	
bit	Binary digit (either 0 or 1)	basic unit of information used in computer and information technologies (see also baud)
BIT	built-in test	
BITNET	Because It's Time Network	A low-cost, low-speed network started at City University of New York
BITS	Biologically Important Trace Species	

BL	beta lambda	
BLIP	Boundary Layer Instrument Package	
BLM	Bureau of Land Management	A Federal agency
BLP	Boundary Layer Profiler	
BLPS	Boundary Layer Profiler System	
BLS	Bureau of Labor Statistics	
BLSG	Boundary Layer Sensing Group	
BMDO	Ballistic Missile Defense Organization	
BMFT	Bundesministerium fur Forschung und Technologie	Germany
BMI	Battelle Memorial Institute	
BMO	Ballistic Missile Office	
BMRC	Bureau of Meteorology Research Centre	Australia
BMRR	Brookhaven Medical Research Reactor	
BNFL	British Nuclear Fuels Limited	
BNI	Bechtel National, Inc.	
BNL	Brookhaven National Laboratory	
BNM	Bandelier National Monument	
BNSC	British National Space Centre	
BNW	Battelle Northwest	
BNWL	Battelle Northwest Laboratory	
BOD	board of directors	

BOD	Beneficial Occupancy Date	
BOF	Birds of a Feather	
BOM	Bureau of Mines	
BOMAP	Barbados Oceanographic and Meteorological Analysis Program	
BOMAP	BOMEX Analysis Program	
BOMEX	Barbados Oceanographic and Meteorological Experiment	
BOR	burnout risk	
BOREAS	Boreal Ecosystem Atmosphere Study	US and Canada, 1994
BOSS	Badge Office Security Sytem	
BP	boundary profile	
BP	Budget and Planning Office	
B&P	Budget and Planning Office	UCAR
BPA	Bonneville Power Administration	
BPA	Blanket Purchase Award	
bpi	bits per inch	
BPI	Budget, Plans, and Information	
bps	bits per second	
bps	baud-per-second	
BPSG	Budget Planning and Systems Group	
BRAN	Boulder Research and Administrative Network	
BRASS	Basic Rapid Alarm Security System	

BRAVE	Boeing Robotic Air Vehicle	
BRI	Basic Rate Interface	
BRITE	Basic Research in Industrial Technologies Europe	
BRL	Ballistics Research Laboratory	APG
BRMS	Basin Rainfall Monitoring System	
broadcast	A special type of multicast packet that all nodes on the network are always willing to receive	Also in the Unidata LDM context, refers to the satellite broadcast of FOS and McIDAS data by Alden
browser		A software tool for accessing Internet services such as the WWW, Gopher, and FTP
BRS	Bibliographic Retrieval Service	
BSAC	Biotechnology Science Advisory Committee	
BSD	Berkeley Software Distribution	UNIX
BSDI	Berkeley Software Design, Inc.	
BSD UNIX	Berkeley Software Distribution UNIX	a version of the UNIX computer operating system
BSI	British Standards Institute	
BSR	Budget Surplus Report	
BSR	Bus Select Relay	
BSRN	Boulder Science Resource Network	
BSRN	Baseline Surface Radiation Network	ISCCP
BSTS	Boost Surveillance and Tracking System	
BSU	Beam Steering Unit	



BTAG	Biological Technical Assistance Group	
BTU	British thermal unit	
BU	bargaining unit	
BUFR	Binary Universal Form for the Representation of meteorological data	A WMO standard for a binary code for the exchange and storage of data
bulletin		A sequence of consecutive bytes within a data stream that comprises a single unit that can be converted into a data product by supplying the necessary identifying information
BUREC	Bureau of Reclamation	DOI
BUS	Business Operations	
BUV	backscatter ultraviolet	Spectrometer
BV	building ventilation	
BWC	Biological Weapons Convention	
BWI	Baltimore-Washington International Airport	
BWIP	Basalt Waste Isolation Project	
BX	base exchange	
BXA	Bureau of Export Administration	DOC
byte	Eight bits	the combination of bits used to represent a particular number, letter, or special character

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