



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

H

Acronym	Full name	Comments
H	henry	
h	hecto	Prefix that = 10 to the 2nd power
HAC	Heads and Chairs	of departments of atmospheric and related sciences
HADS	Hydrometeorological Automated Data System	
hail		Precipitation in the form of balls or irregular lumps of ice, always produced by convective clouds, nearly always cumulonimbus.
HAILSWATH	South Dakota Hail Studies	
HALIFF		part of EUROTRAC
HALOE	Halogen Occultation Experiment	NASA, UARS
HANK		(Not an acronym but refers to ACD's Regional-scale Chemistry Transport Model)
HAO	High Altitude Observatory	NCAR
HAPEX	Hydrological	France, 1986

	Atmospheric Pilot Experiment	
HaRP	Hawaiian Rainband Project	
HARS	High-Altitude Route Structure workstation	FAA
Harvard	Harvard/Smithsonian Center for Astrophysics	Contains Harvard College Observatory, Smithsonian Observatory
hav	haversine	Half of a versedsine
HB	hard black	
HBCUs	Historically Black Colleges and Universities	
HCN	Historical Climatology Network	
HCSN	High-Capacity Satellite Network	
HDF	Hierarchical Data Format	A data storage form developed by the NCSA
HDGCP	Human Dimensions of Global Change Program	IFIAS/ISSC/UNU
HDGEC	Human Dimension of global Environment Change	NSF
HDLC	high level data link control	
HDS	High-resolution Data Service	HDS includes model output data from models run at the NMC and ECMWF
HEAO	High Energy Astronomy Observatory	
heat index	a function of temperature designed to have low magnitude under cold conditions, increasing exponentially with	used by C. W. Thornthwaite in his 1948 climatic classification

	increasing temperature	
HEIFE	Heihe Basin Field Experiment	
HELLO		A common routing protocol used on the Internet by DEC machines
HEOS	highly eccentric orbit satellite	
HEOS-A2	highly eccentric orbit satellite	launched 1/31/72
HERS	Human Ecology Research Service	Boulder, Colorado
HESP	High-Energy Solar Physics	
HESS	Health, Environment, Safety, and Security	UCAR
HEW	Health, Education, & Welfare	Usually DHEW/USPHS
HF	high frequency	3-30 MHz
HI	human interface	
HIAPER	High-Performance Instrumented Airborne Platform for Environmental Research	NCAR, test flights proposed in 2003 and 2004
High-Slip, or High Slip	Balloon Group of a special lubricated polyethylene	
HIMSS	High Resolution Microwave Spectrometer Sounder	
HIPLEX	High Plains Experiment	
HIPPI	High Performance Parallel Interface	
HIRDLS	High-Resolution Dynamics Limb Sounder	combined HIRRLS and DLS
HIRIS	High Resolution Imaging Spectrometer	
HIRRLS	High Resolution Research Limb Sounder	

HIRS	High Infrared Radiometer (or Radiation) Sounder	
HIRS	High-resolution Infrared Radiation Sounder	
HIS	high-resolution interferometer sounder	
HIS	High-resolution Infrared Sounder	
HKUST	Hong Kong University of Science and Technology	
HL	half life	
HMEs	Hough mode extensions	
HMMR	High Resolution Multifrequency Microwave Radiometer	
HMS	High-altitude Multispectral Sounder	
HMS	Hungarian Meteorological Service	
HOL	higher order language	
HOS	Hydrocarbon Oxidation Studies	
HP	Hewlett-Packard	A well-known computer manufacturer
hp	horse power	
HPA	High Power Amplifier	
HPCC	High-performance computing and communications	
HPCS	High-performance Computing Section	Aviation Division
HPD	Hourly Precipitation Data	
HPO	High Performance Option	IBM operating system
HPPI	high performance	

	parallel interface	
HPS	High Performance Systems	
HR	Human Resources	UCAR
HRD	Hurricane Research Division	NOAA
HRDI	High Resolution Doppler Imager	
HRDI	High Resolution Doppler Interferometer	NASA/UARS
HRDL	High-resolution Doppler Lidar	
HRIR	high-resolution infrared radiometer	
HRIS	High-Resolution Infrared Radiation Sounder	Nimbus F
HRM	high rate multiplexer	
HRPT	High Resolution Picture Transmission	AVHRR
HRS	High-resolution Data Service	an NWS data stream, formerly called the Numerical Product Service
HRS	hardwae requirements specification	
HRSO	High Resolution Solar Observatory	
HRSR	High Resolution Scanning Radiometer	NOAA
HRT	High Rate Tape	NCAR aircraft data
HRTS	high-resolution telescope spectrograph	
HRV	high-resolution visible	
HS	high speed	
HSC	high speed channel	
HSCT	High Speed Civil Transport	SST

HSI	high-speed interferometer	JPL developed for NASA
HSM	Hierarchical Storage Management	
HSMT	helical scan magnetic tape	videotape
HSRP	High Speed Research Program	NASA
HST	Hubble Space Telescope	
HTML	Hypertext mark-up language	The formatting language used to create World Wide Web documents
HTO	tritiated water	
http	Hypertext Transfer Protocol	The protocol used to transfer hypertext documents via the World Wide Web
hub		The central part of a propeller or motor-driven fan to which the blades are attached.
humidity		The measure of the water vapor content of air.
HVPS	high-volume precipitation spectrometer	
H/W	hardware	
HWCI	hardware configuration item	
HYPERchannel	High-speed communications link	used by MASnet to connect various SCD and NCAR divisional computers
hypermedia		Information provided via a variety of formats (for example: text, graphics, video,

		and sound) in a web of linked files (see hypertext)
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