



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

R

Acronym	Full name	Comments
R	rayleigh	
R	roentger, Richardson, and Rankine (temperature)	
R&D	Research and Development	
R-Z relationship	R = precipitation rate, Z = radar reflectivity	
R/T	Receiver/Transmitter	
RA	radio antenna	
RA	radio active	
Ra#	Raleigh number	some jobs use R
RAAF	Royal Australian Air Force	
RACoon	Radiation Controlled Balloon	GAMP
rad	radian	
Radars		AN/FPQ-6 AN/GSN AN/FPQ-16 AN/MPS-19 AN/ASR-7 The M33, CP-2 The Grover radar The CHILL radar is jointly owned by the University of Chicago and ISWS
RADARSAT	Radar Satellite	Canada
RADEX	Radar Experiment	NWS

Radiosonde		For measurements of pressure, temperature, and water vapor
RADM	Regional Acid Deposition Model	ASMP
RAF	Research Aviation Facility	NCAR/ EOL
RAFS	Regional Analysis and Forecast System	
RAG	Resource Accounting Group	
RAID	Redundant Arrays of Inexpensive Disks	technology
rain		Precipitation in the form of liquid water drops that have diameters greater than 0.5 mm or, if widely scattered, the drops may be smaller.
rainbow		A circle or from the usual viewpoint an arc of a circle exhibiting in concentric bands the several colors of the spectrum and formed opposite of the sun by the refraction and reflection of the sun's rays in drops of rain.
RALI	Resource and Land Information	USGS program
RAM	random access memory	
RAM	Responsibility Assignment Matrix	
RAM	Research application module	space shuttle program
RAM	Rad Academica de Mexico	
RAMOS	Remote Automatic Meteorological Observing Station	NWS
RAMS	random access	GSFC

	measurement system	
RAMS	Remote Aerosol-Mapping System	
RAMS	Regional Atmospheric Modeling System	Colorado State University, Fort Collins, CO.
RAND or Rand	Research and Development	All caps if name is used alone, initial cap only if used in text
RANN	Research Applied to National Needs	NSF
RAOB	Radiosonde Observation	
RAOBS	Radiosonde Observations	
RAP	Research Applications Program	UCAR
RAP	remedial action plan	
RAPB	Regional Analysis and Prediction Branch	FSL
RAPS	Real-Time Analysis and Prediction of Storms	
RAPS-92	Real-Time Analysis and Prediction of Storms-1992	
RAPTSTM WX	Research Applications Program Thunderstorm Weather	
RAS	Retrospective Analysis System	
RAS	Royal Astronomical Society	England
RASS	radio acoustic sounding system	
RASTER	(Remote) ASTER, q.v.	
RATS	Real-time Aircraft Tracking System	
Raven	Rocketborne sounding vehicle	MRN program
RAWINS	Radio Wind measurements	electronic radio direction-finding equipment

RAWPG	Regional Aviation Weather Products Generator	
RAWS	remote automatic weather station	
RBV	Return Beam Vidicon	
RCA	Request for Contract Action	
RCAG	remote-controlled air-to-ground	
RCHO	aldehydes	
RCM	WSR-88D Radar Coded Message	
RCPG	Research Coordination and Planning Group	GARP
R&D	Research & Development	
RDA	radar data acquisition	
RDA	remote database access	
RDAM	Radar Data Access and Management format	
RDAS	Reflectivity Data Acquisition System	SODAR, NCAR
RDC	Regional Data Center	GARP
RDCC	Real-time Display and Coordination Center	
RDF	Real-data forecast	GARP
RDF	Radio direction finding	
RDP	Research Data Program	
RDR	Radar	
RDSG	Research Data Support Group	
RDSS	Research Data Support System	FOF/NCAR
RDT&E	Research, Development, Test, and Evaluation	
RECOURSE	Revision Control Unifying Related Environments	


RegCM	regional climate model	
RegCM2	Regional Climate Model	
relative humidity		The ratio fo the vapor pressure to the saturation vapor pressure with respect to water.
REREX	Remote Read-out Experiment	NWS/NOAA
REU	Research Experiences for Undergraduates	NSF
RF	radio frequency	
RFC	River Forecast Center	
RFC	request for comment	
RFF	Research Flight Facility	NOAA
RFF	Resources for the Future	
RFI	radio frequency interference	
RFP	request for proposal	
RFQ	request for quote	
RFT	reverse-flow thermometer	
RGB	Red, Green, Blue	color mixing system for color graphics displays using red, green, and blue as the primary colors
RGP	Reactive Gases and Particles Project	
RGSP	Review of Geophysics and Space Physics	
RH	relative humidity	
RHI	range-height-indicator	
rhs	right-hand side	
Ri#	Richardson number	some jobs use R
RI	Research Institute	
RIB	Research Internet Backbone	


RIDDS	Radar Interface and Data Distribution System	
RIDGE	Ridge Interdisciplinary Global Experiment	
rime		A white or milky and opaque granular deposit of ice formed by the rapid freezing of supercooled water drops as they impinge upon an exposed object.
RINEX	Receiver Independent Exchange format	
RISC	reduced instruction set computer	
RISE	Radiative Inputs from Sun to Earth	NSF
RITS	Radiatively Important Trace Substances	
RJE	remote job entry	
RMC	RAF Management Council	
RMC	Regional Meteorological Center	GARP
rms	root-mean-square	
RNG	Renormalization Group	
Ro	solar radius	
Ro#	Rossby number	
Robin	Falling Balloon Experiment	MRN program
ROC	Republic of China	Taiwan
ROC	Regional Observational Cooperative	
ROCEW	Role of Clouds, Energy, and Water	In global change program
RoIm	not an acronym	Builds airborne, special purpose computers and phones

ROPCOM	Remote OPCM	
ROSE	Rural Oxidants in the Southern Environment	NCAR, ACD
ROSE-AIR	Rural Ozone in Southern Environment-Aircraft	NCAR, ACD
ROTATE	Radar Observation of Thunderstorms and Tornadoes Experiment	
RPC	Remote Procedure Call	
RPG	Radar Product Generator	
RPG	radar products generator	
RPI	Rensselaer Polytechnec Institute	
rpm	revolutions per minute	
RPM	radiation and particles measurement	TWERLE
RPN	(Division de) Recherche en Precision Numerique	AES, Canada
RPS	ranked probability score	
RPS	Routine Product Set	
RR	Risk Reduction	
RRB	Risk Reduction Branch	
RRWDS	Radar Remote Weather Display System	
RSA	Range Standardization and Augmentation project	U.S. Space Center
RSCS	Remote Spooling Communications Subsystem	
RSF	Remote Sensing Facility	NCAR, EOL
R/T	Reciever/Transmitter	
RT/PC	RISC Technology/Personal Computer	
RTD	Regional Transportation	

	Department	
RTH	Regional Telecommunications Hubs	
RTN	Regional Telecommunications Network	GARP
RTTOV	Radiative Transfer (RT) model for Television Infrared Orbiting Satellite (TIROS) Operational Vertical Sounder (TOVS)	
RTVS	Real-Time Verification System	FSL
RUC	Rapid Update Cycle	FSL
RUC-2	Second version of the RUC model	
RUCS	Rapid Update Cycle Surface	
RUI	Research in Undergraduate Institutions	
RV	Research Vessel	GARP
RW	rain showers	"Meteorological symbol"
R-Z relationship	R = precipitation rate, Z = radar reflectivity	

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