



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

T

Acronym	Full name	Comments
t.p.	tropical platform	
T1		a term for a digital carrier facility used to transmit a DS-1 formatted digital signal at 1.544 megabits per second.
T3		a term for a digital carrier facility used to transmit a DS-3 formatted digital signal at 44.746 megabits per second.
T42	triangular 42	
TA	technology applications	
Ta#	Taylor number	
TACAN	tactical air navigation system	
TAGS	text and animation graphics server	
TAMEX	Taiwan Mesoscale Experiment	
TAO	Tropical Atmosphere Ocean	
TAO	Thermal Array in the Ocean	
TAP	Transportation Alternatives Program	UCAR, NCAR
TAP	diffusion transport models	

TAP IR	reactive gases	
TAP BL	non-reactive gases	
TAP LS	liquid and solid particles	
TAR	Third Assessment Report	
TAS	true air speed	
TASI	Time-assingment speech interpolation	
TASU	time-alternating space-uncentered	
TB	Terabytes	
Tb	Terabits	
TBD	to be determined	
TBM	Terabit Memory System	the former storage system at NCAR
TBO	tropospheric biennial oscillation	
TCAS-II	Traffic Alert and Collision Avoidance System	
TCCR	Technical Committee for Computing Resources	ERL
TCI	Tropical Cyclone Initiation	
TCIPO	TOGA/COARE International Project Office	
TCMRS	Tropical Climate Monitoring and Research Station	Australia
TCP	Technology Commercialization Program	
TCP	transport control protocol	
TCP/IP	Transmission Control Program/Internet Protocol	A file transfer standard for networks developed by DOD; IP defines the format of the packets passing through the Internet; TCP defines how computers cooperate to ensure that data are passed

		correctly and reliably
TCS	thermal control system	
TCSM	Tropospheric Chemistry Systems Models	
TCZ	Tropical Cloud Zone	
TCZ	Tropical Convergence Zone	
TD	Thermal Dissociation	
TDCIMS	Thermal Desorption Chemical Ionization Mass Spectrometer	
TDF	Technology Development Facility	NCAR, EOL
TDL	Techniques Development Lab	NWS
TDL	tunable diode laser	
TDLAS	tunable diode laser absorption spectroscopy	
TDM	three-dimensional time-varying mesoscale model	
TDM	time division multiplex	
TDMC	TAMEX Data Management Center	TAMEX is Taiwan Area Mesoscale Experiment
TDR	tracking and data relay	TWERLE
TDWR	terminal Doppler weather radar	
TEA	transversely excited atmospheric (pressure)	high-power, short-pulse laser
TEB	Tropical Experiment Board	WMO/ICSU
TEC	Tropical Experiment Council	WMO/ICSU
TECAMS	Technical Conference on Automated Meteorological Systems	
TECC	Tropospheric Effects of Cloud Chemistry program	
TECOM	Test and Evaluation Command	
Telemail		a self-contained commercial network, supplying e-mail and

		bulletin board services to its subscribers
Telenet		a public packet-switching network operated by US Sprint
TELNET	TCP/IP Network	a TCP/IP protocol that allows interactive access to computers on a TCP/IP network
temperate climate		the climate zone of the middle latitudes
temperature		The quantity measured by a thermometer.
TeraFLOPS	trillions of arithmetic operations per second	
Term?etro		thermometer
TES	transequatorial scatter	
TES	Tropospheric Emission Spectrometer	
TEXEX	Texas Frontal Experiment	
TEXMEX	Tropical Experiment over Mexico	summer of 1991
TGB	Trace Gas Biogeochemistry section	
TGCM	thermospheric general circulation model	
TGS	Text and Graphics System	
THC	total hydrocarbons	
THEMIS		DOD project
thermal belt		Any one of several possible horizontal belts of vegetation type found in mountainous terrain.

THERMEX	Thermal Wave Experiment	experiment to study Colorado thermals using a Stemme S-10VT motor glider
theta	the eighth letter of the Greek alphabet	
thickness		In synoptic meteorology, the vertical depth, measured in geometric or geopotential units, of a layer in the atmosphere bounded by surfaces of two different values of the same physical quantity, usually constant-pressure surfaces.
THIR	temperature and humidity infrared radiometer	GARP, Nimbus F
THORPEX	The Observing System Research and Predictability Experiment	
THREDDS	Thematic Real-time Environmental Distributed Data Services	
TIAA	Teachers Insurance and Annuity Association	
TIBEX	Tidewater Bermuda Experiment	
TID	traveling ionospheric disturbance	
TIDI	TIMED Doppler Interferometer	
TIE	The Institute of Ecology	St. Louis, Missouri
TIE-GCM	Thermosphere/Ionosphere/Electrodynamics General Circulation Model	
TIFF	tag image file format	
TIGCM	thermosphere-ionosphere general circulation model	

TIMES	The Institute for Integrative and Multidisciplinary Earth Studies	NCAR , ESSL
TIME	thermosphere-ionosphere-mesosphere-electrodynamics	
TIME-GCM	thermosphere-ionosphere-mesosphere-electrodynamic general circulation model	
TIMED	Thermosphere-Ionosphere-Mesosphere Energetics & Dynamics	
TIME-GCM	Thermosphere-Ionosphere-Mesosphere-Electrodynamic General Circulation Model	
TIMS	Thermal Infrared Multispectral Scanner	
TING	Thermosphere-Ionosphere Nested Grid Model	
TIP	Terminal Interface Processor	CF, ARPANET-point
TIP	TIROS Information Processor	
TIPIC	Transformation d'Idees en Produits Industrialisables et Commercialisables	
TIPMEX	Tibetan Plateau Meteorological Experiment	
TIROS	Television and Infrared Operational Satellite	NOAA, first one launched 1960
TIROS	Thermal Infrared Observational Satellite	
TIROS I	Television Infrared Observation Satellite	
TIPMEX	Tibetan Plateau Meteorological Experiment	
TIWEX	Tropical Institute (or Instability) Wave Experiment	
TKE	Turbulent Kinetic Energy	
TKW	Turbulence Kinematic Energy	
T-LAPS	Terminal LAPS	
TLS	Tunable Laser Spectroscopy	
TM	Thematic Mapper	LANDSAT
TM	team member	
TMD	Thailand Meteorological Department	
TMS	Thematic Mapper Simulator	
TOA	Top of the atmosphere	
TOGA	Tropical Ocean and Global Atmosphere	

	Program(me)	
TOGA COARE	The Tropical Ocean and Global Atmosphere Program's Coupled Ocean-Atmosphere Response Experiment	
tokamak		method of heating fusion fuel
TOM	Trunk Operations Monitor	
TOMS	Total Ozone Mapping Spectrometer	NASA
TOPCAT	a clear air turbulence measurement program	CSIRO, Australia, and Royal Aircraft & Weapons Research Establishments, UK
TOPEX	Topographic Ocean Experiment	using precision radar altimeter, proposed in mid-1980's to study ocean dynamics
TOPEX/Poseidon	Ocean Topography Experiment	U.S., France
TOPS	Transcendental Operating System	a network file system for Apple Macintosh, IBM PC, and UNIX-based machines
TOPSE	Tropospheric Ozone Production about the Spring Equinox	
tornado		A violently rotating column of air, in contact with the ground, either pendant from a cumuliform cloud or underneath a cumuliform cloud, and often visible as a funnel cloud.
TOS	Tiros operational satellite	

TOSS	Tiros operational satellite system	
TOTO	Totable Tornado Observatory	
TOVS	TIROS Operational Vertical Sounder	TIROS is Television Infrared Operation Satellite
t.p.	tropical platform	
TPF&C	Towers, Perrin, Forster and Crosby	UCAR benefits consultants, 3/89
TRACE	Transport and Atmospheric Chemistry near the Equator	
TRACE	Trace Remote Atmospheric Chemical Evaluation	system for global monitoring designed at NCAR, our program ended in 7/75 but NOAA continued TRACE
TRACE	Transition Region and Coronal Explorer	
TRACE-P	Transport and Atmospheric Chemistry near the Equator	
TRACON	terminal radar control	
TRACS	Trends in Atmospheric Constituents Study	
TRANET	Tracking Network	
TREC	tracking radar echoes by correlation	CSD, 3/80
TREM	Tropical Rainfall Explorer Mission	U.S.
TRIP	Thunderstorm Research International Program	NASA
TRMM	Tropical Rainfall Measuring Mission	NASA
TROMEX	Tropical Meteorology Experiment	
TROPAL	Tropical Alert Group	
TROPEX	tropical experiment	
TROPOZ	Tropospheric Ozone experiment	
TRW	Thundershowers	"meteorological symbol"

TRW Systems, Inc.	Thompson-Ramo-Woolridge	
TSAO	tropical semiannual oscillation	
TSC	Technical Steering Committee	FSL
TSM	theoretical studies and modeling	
tsunami		Sea waves generated by seismic activity.
TTO	transient tracers in the ocean	
TTO/NAS	transient tracers in the ocean (TTO)/North Atlantic Study	
TUC	Traingle Universities Consortium	Duke University, University of North Carolina at Chapel Hill, North Carolina State University, Division of Meteorology, and National Environmental Research Center of EPA
TUTT	tropical upper-tropospheric trough	
TUV	Tropospheric Ultraviolet and Visible radiation model	
TVU	Television unit	one TVU = 6 MHz band width
TWC	The Weather Channel	
TWERLE	Tropical Wind, Energy conversion, and Reference Level Experiment	GARP, NASA, Nimbus F
twister		in the United States, a colloquial term for tornado
Tymnet		a public packet-switching network operated by McDonnell

		Douglas Network Systems Company
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