

Radar site	Date	Freq.	Power	Type of system
Arecibo, Puerto Rico	1986	MF	25kW	Atmospheric Radar
University of Adelaide, Australia	1986	MF	25kW	Atmospheric Radar
Christmas Island, Kiribati (University of Adelaide)	1986	MF	25kW	Atmospheric Radar
Hawaii, USA	1990	MF	25kW	Atmospheric Radar
Adelaide, Australia (University of Adelaide)	1992-4	MF	100kW	Atmospheric Radar
Robsart, Canada (ISAS)	1992	MF	25kW	Atmospheric Radar
Sylvan Lake, Canada (ISAS)	1992	MF	25kW	Atmospheric Radar
London, W. Ontario, Canada (ISAS)	1992	MF	25kW	Atmospheric Radar
Urbana, Illinois, USA	1992	MF	25kW	Atmospheric Radar
Davis Antarctic Base	1992	MF	25kW	Atmospheric Radar
Tirunelveli, India (Institute of Geomagnetism)	1992	MF	25kW	Atmospheric Radar
Bribie Island, Australia	1994	MF	25kW	Atmospheric Radar
Andoya, Norway (University of Rostok)	1995	MF	50kW	Atmospheric Radar
Yamagawa, Japan (Communications Research Labs)	1995	MF	50kW	Atmospheric Radar
Pontianak, Indonesia	1995	MF	25kW	Atmospheric Radar
McMurdo Antarctic Base	1996	MF	20kW	Atmospheric Radar
Rothera Antarctic Base	1997	MF	20kW	Atmospheric Radar
Wakkanai, Japan (Communications Research Labs)	1997	MF	50kW	Atmospheric Radar
Poker Flat, Alaska, USA	1997	MF	50kW	Atmospheric Radar
Kolhapur, India	1997	MF	25kW	Atmospheric Radar
Syowa Base (Japanese National Institute for Polar Research)	1997	MF	50kW	Atmospheric Radar
London, W. Ontario, Canada (CLOVAR radar)	1993	VHF	8kW	Atmospheric Radar
Adelaide, Australia	1995	VHF	1kW	Boundary Layer
Kiruna, Sweden (ESRANGE, Swedish Space Corporation)	1996	VHF	72kW	Wind Profiler
London, W. Ontario, Canada	1996	VHF	6kW	Atmospheric Radar
Mt Gambier, Australia (Australian Bureau of Meteorology)	1997	VHF	36kW	Wind Profiler
Kuhlungsborn, Germany	1997	VHF	36kW	Wind Profiler
Resolute Bay, Canada	1997	VHF	12kW	Atmospheric Radar
Various	1997	VHF	6kW	mobile meteor Radar
Australian Antarctic Division, Kingston	1997	VHF	10kW	T/R Switches
Andoya, Norway -	1997	VHF	36kW	Atmospheric Radar
Delamere field station, South Australia	1998	VHF	6kW	SKiYMET Meteor Radar
Cachoeira Paulista, Brazil, 22.7S 45.0W	1999	VHF	12kW	SKiYMET Meteor Radar
Katherine, NT, Australia -relocated to Canada	1998	VHF	6kW	SKiYMET Meteor Radar
Germany	1998	482MHz	100W	precipitation radar
Istituto Nazionale di Geografica, Italy for Antarctica	1998	10-120MHz	500W	Airborne ice radar
Germany	1999	1290MHz	100W CW	precipitation radar
MIT, USA	1999	10-60MHz	32kW	atmospheric radar
Kuhlungsborn, Germany	1999	32MHz	12kW	SkiYmet meteor radar
Kiruna, Sweden	1999	32MHz	6kW	SkiYmet meteor radar
National Central University, Taiwan	2001	1-30MHz	18kW	dynasonde

Radar site	Date	Freq.	Power	Type of system
National Oceanic & Atmospheric Administration, USA	2000	50MHz	3kW	driver
Communications Research Lab, Japan	2000	50MHz	24kW	ST wind profiler
Yellowknife, Canada	2000	36MHz	6kW	SkiYmet meteor radar
Raratonga (Colorado Research Associates)	2000	MF		MF radar receivers
Sodankyla Observatory, Finland	2000	48MHz	6kW	meteor radar
Communications Research Lab, Japan	2001	112MHz	24kW	auroral radar
University of Piura, Peru	2001	50MHz	2x12kW	Boundary layer radar
National Oceanographic and Atmospheric Administration (NOAA), USA	2001	50MHz	40kW	MST radar plus driver
Istituto Nazionale di Geografica, Italy	2001	50-70MHz	4kW	Airborne ice radar
Istituto Nazionale di Geografica, Italy	2002	1-18MHz	1kW	Ionospheric sounding radar
Thales, UK	2001	140-160MHz	8kW	Airborne surveillance radar
McGill University, Canada	2002	52MHz	40kW	Multi-mode VHF wind profiler
University of Kerala, India	2002	2-5MHz	5kW	Broadband MF/HF radar
INPE, Brazil	2002	VHF	12kW	SkiYmet meteor radar
Maui, Hawaii	2002	VHF	6kW	SkiYmet meteor radar
OMP, France for Antarctic campaign	2002	VHF	6kW	ST radar
INPE, Brazil	2002	VHF	12kW	SkiYmet meteor radar
Indonesia	2002	VHF	12kW	SkiYmet meteor radar
Utah State University, USA	2003	MF/HF	18kW	Dynasonde transmitter system
Communications Research Labs (CRL), Japan	2002	VHF46.5MHz	12kW	ST radar
Taiwan Central University	2003	30MHz	12kW	ST radar
Communications Research Labs (CRL), Japan	2003	VHF	12kW	SkiYmet meteor radar
CNRS Service Aeronomie, Paris	2003	70MHz	12kW	ST radar
STS, Jordan	2003	160-180MHz	1kW	Air-borne radar
Nanyang Technological University, Singapore	2003	5-28MHz	2kW	Sea radar
Scion Associates, USA	2003	1-30MHz	1kW	Dynasonde
Neptune Radar Ltd	2003	5-30MHz	4kW	radar
University of Leipzig, Germany	2003	VHF	6kW	SkiYmet meteor radar
RASC, Japan	2004	VHF	20kW	ST radar
Vikhram Sarabhai Space Centre, India	2004	VHF	20kW	SkiYmet Meteor Radar
LSEET, France	2004	45MHz	6kW	ST radar
ENEA, Rome, Italy	2004	1-18MHz	500W	5 ionospheric radars
Rothera, Antarctica for British Antarctic Survey	2004	VHF	6kW	SkiYmet meteor radar
Costa Rica	2004	VHF	6kW	SkiYmet meteor radar
ENEA, Rome, Italy	2004	170MHz	2kW	Airborne ice radar
Jicamarca Radio Observatory, Peru	2004	50MHz	40kW	VHF radar
Vaisala for ST radars in China	2005	51MHz	2x40kW	ST radar
Walsingham Airforce Base, USA	2005	45MHz	40kW	ST radar

Radars site	Date	Freq.	Power	Type of system
Institute of Space Science, National Central University, Taiwan	2005	VHF	3x20kW	ST radar
Hanscom Airforce Base, USA	2006	0.5-30MHz	4kW	Dynasonde
Inst.of Geology&Vulcanology, Rome	2006	2-30MHz	500W	5 ionospheric radars
Cornell University, USA -Alaska site	2006	29.8MHz	12kW	VHF radar
Nanyang Technological University, Singapore	2006	2-70MHz	5kW	Low phase noise amplifier for sea radar
Institute of Space Science, NCU, Taiwan	2006	VHF	2x20kW	ST radar
Innovative Technical Systems, USA	2006	VHF	40 amplifiers, 250W-1kW each	Phased array radar
FAP, Peru	2006	UHF	30kW amp and TR switches	Surveillance radar
Scion Associates, USA	2006	0.5-30MHz	Two 1kW amplifiers	Dynasonde
Cornell University at St.Croix site	2007	29.8MHz	12kW	VHF radar
US Department of Commerce, Boulder	2007	0.5-30MHz	4kW	dynasonde
Naval Surface Warfare Center, USA	2007	1-30MHz	4kW	HF radar
MARDOC, London, Ontario	2008	1-30MHz	4kW	HF radar
University of Tromso, Norway	2008	50MHz	90kW Tx system, antenna array, beam steering, TR switches	ST radar
SRI International, USA	2009	50MHz	16kW Tx system plus TR switches	VHF radar
Indian Institute for Geomagnetism	2009	50MHz	32kW Tx system plus TR switches	VHF radar
System Planning Corporation	2009	VHF	3 x 1kW CW amplifiers	N/A
National Central University, Taiwan	2009	VHF	20kW transmitter	ST radar
Beijing Institute of Science	2009	VHF	48kW transmitter	ST radar
Classified/USA	2009	VHF	164x250W	Phased array radar
Scion Associates	2010	1-30MHz	5 x 4kW	Dynasonde transmitters
Chinese Academy of Science	2010	1-30MHz	2kW	Dynasonde transmitters
Demar Technical Systems	2010	150-250MHz	20kW	Pulsed radar
Ministry of Defence, Peru	2010	0.1-30MHz	8kW	Pulsed sea radar
Cornell University	2010	39MHz	8kW transmitter plus TR switches	VHF radar

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