EGSO Data Provider List

	A	B	C	D	E	F	G
1	**Observatory**	**Location**	**Latitude**	**Longitude**	**Telescope Name**	**Instrument**	**Data Description**
2							
3		Narrabri, Australia	149.8 E	30.30 S	**BiSON site**		integrated sunlight
4					**IRIS** Site	Sodium resonance cell	Integrated intensity and velocity
5	**Culgoora Solar Observatory**	Culgoora, Australia	149.6 E	30.30 S		12cm refractor	full disk H-alpha
6						radiospectrograph	18MHz - 1.8GHz
7		Bruny Island, Australia	147.2 E	42.40 S		Radio Spectrometer	3 - 45 MHz
8	**Hiraiso Solar Terrestrial Research Center**	Japan	140.6 E	36.4 N		15 cm refractor	full-disk and high-resolution H-alpha
9						refractor	full-disk white-light
10					Hiraiso Radio Spectrograph	Hiraiso Radio Spectrograph	25-2500 MHz
11	**National Astronomical Observatory,**	Mitaka, Japan	139.6 E	36.1 N	Solar Flare Telescope	Solar Flare Telescope	vector magnetic field, velocity, white-light, H-alpha
12					STEP	STEP 6.5 cm heliostat/refractor	full-disk magnetic field and velocity
13						10 cm refractor	full-disk white-light
14						4 cm refractor	H-alpha flare-patrol
15	**Nobeyama Solar Radio Observatory**	Japan	138.2 E	36.4 N		Radioheliograph, 84 antennas	full-disk images (17GHz, 10'', intensity + circular polarization: 34 GHz, 5'', intensity)
16						Radio Polarimeters,	total solar flux, circular polarization, 1 - 80 GHz
17						Spectrometers (meter-waves)	
18	**Norikura Solar Observatory**	Japan	137.6 E	36.1 N		3 coronagraph	530.3 nm, H-alpha, D_3, He 1083.0 nm, continuum
19	**Hida Observatory**	Japan	137.4 E	36.3 N	Domeless Solar Telescope	60 cm Domeless Solar Telescope	
20					Flare Monitor Telescope	Flare Monitor Telescope	full-disk H-alpha
21	**Okayama Astrophysical Observatory**	Japan	133.6 E	34.6 N		65 cm coude reflector	vector magnetic field (FOV 400 x 400'', 6'' res.)
22	**Bohyunsan Optical Astronomy Observatory**	South Korea	128.9 E	9.2 N	SOlar Flare Telescope (SOFT)	SOlar Flare Telescope (SOFT) 20 cm x 2, 15 cm x 2	White-Light, H-alpha, Vector Magnetic Field, Longitudinal Magnetic Field
23	**Huairou Solar Observing Station, Beijing Astronomical Observatory**	Huairou, China	116.6 E	40.4 N		60 cm 9-channel Gregorian Reflector	CaII, HeII, MgI, FeI (4), HeI, and H-alpha, 5' x 4'
24					Solar Magnetic Field Telescope	35 cm vacuum refractor	Magnetic Field - FeI, H - 3.75'x5.45'
25					Full-Disk Vector Magnetograph	10 cm refractor	Full-Disk Vector Magnetograph
26						14 cm Refractor	Full-Disk and High-resolution (10' x 8') H-alpha
27						8 cm Refractor	Full-Disk CaII K
28					TON Site	9 cm reflector	Full-Disk CaII K images
29	**Learmonth Solar Observatory**	Australia	114.60 E	22.12 S	SOON site (Solar Observing Optical Network)	SOON site (Solar Observing Optical Network)	full disk and high-resolution H-alpha, white-light + magnetogr.
30					GONG Site	GONG Site	full intensity and magnetic field
31							flux @0.2,0.4,1.4,2.7,5.0,8.8,15 GHz
32							sweepfreq.interferom.(25-75MHz)
33		Carnarvon, Australia	113.8 E	24.9 S	**BiSON** Site	**BiSON** Site	integrated sunlight
34	**Baikal Astrophysical Observatory**	Russia	105.0 E	54.8 N		18 cm refractor	full-disk H-alpha
35						18 cm refractor	full-disk CaII K
36						25.5 cm refractor	high res. H-alpha images (9 arcminute field)
37					Large Solar Vacuum Telescope (LSVT)	Large Solar Vacuum Telescope (LSVT) 76 cm refractor	high-resolution observations

K. Reardon - 27 Sep, 2002

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	A	B	C	D	E	F	G
38	**Radioastrophysical Observatory**	Siberia, Russia	103.2 E	51.8 N	SSRT?	256-dish radio interferometer	full-disk images at 5.2cm, 1-D scans
39	**Yunnan Astronomical Observatory**	China	102.8 E	25.0 N	Phoenix I Corona-Radiospectrograph	Phoenix I Corona-Radiospectr. (no spatial, high time resol.)	single freq. total intensity at 1.42, 2.13, 2.84, 4.26GHz
40					Solar Vacuum Telescope	Solar Vacuum Tel.(26cm)	high res. H-alpha
41					Solar Spectral Telescope	Solar Spectral Tel.(50cm)	
42	**Sayan Solar Observatory**	Irkutsk, Russia	100.8 E	51.6 N	STOP	magnetograph (STOP)	ful-disk magnetograms (10" resolution) vector magnetograms (4" resolution)
43						180mm refractor	full disk H images
44		Alma-Ata, Russia	76.9 E	43.3 N	OPTON refractor	OPTON refract.	H + Ca K filtergrams
45						coronagraph	corona
46	**National Centre for Radio Astrophysics**	Pune, India	74.05 E	19.1 N	Giant Meterwave Radio Telescope (GMRT)	30 antenna array (150-1420 Mhz) 45 meter parabolic dishes	1 antenna dynamic spectr.
47	**Udaipur Solar Observatory**	Udaipur, India	73.71 E	24.59 N		15cm refractor	H-alpha full disk
48						25cm refractor	high resolution H-alpha
49						15 cm Coude telescope	active regions
50					GONG Site	2.8 cm telescope	helioseismology
51	**Ulugh Beg Astronomical Institute**	Parkent, Uzbekistan	69.97 E	41.47 N	**IRIS** Site		Integrated intensity and velocity
52		Tashkent, Uzbekistan	69.29 E	41.33	TON Site	9 cm reflector	Full-Disk CaII K images
53	**Special Asrophysical Observatory**	Zelenchukskaya, North	41.59 E	43.83 N	RATAN 600	Radiotelescope	0.9 – 18 Ghz one dimensional scans with circular polarization
54	**Pulkovo Observatory**	Kislovodsk, Russia	43.7 E	43.9 N		3coronagraphs(53,20,10cm)	5303, 5694, 6374, 10747, 10798 and H images
55					Solar Tower Telescope	Solar Tower Telescope (30cm)	Ca K spectroheliograms
56					chromospheric telescope (OPTON)	chromospheric telescope (OPTON)	full disk WL and H images
57						several radio dishes (1-4m)	radio flux at .6, .8, 2, 3, 5cm
58		Abastumani, Georgia	42.7 E	41.7 N		several refractors	full disk WL, H, CaK
59		Izmiran, Russia	37.7 E	55.8 N	chromospheric telescope (OPTON)	chromospheric telescope (OPTON)	H images (disk)
60						coronagraph (53cm)	H and Ca K images (limb)
61	**Solar Radio Laboratory (LaRS)**	Izmiran, Russia	37.32 E	55.47 N		Radiometer	169, 204, 3000 Mhz, 1 sec resolution
62						radiospectrograph	25 - 270 Mhz, 40 / 20 msec resolution
63	**Kharkov Astronomical Observatory**	Kharkov, Ukraine	36.23 E	50.00 N	Kharkov Multiwave Station of Solar Monitoring	spectroheliograph	full disk Ca K, H, He10830
64	**Crimean Astrophysical Observatory**	Nauchny, Ukraine	34.0 E	44.7 N	Solar Tower Telescope	45cm Solar Tower Tel.(45cm)	He 10830 charts
65						coronagraph (53cm)	
66		Katzively, Ukraine	34.0 E	44.7 N		2 radio dishes (22 + 3m)	maps + solar flux (0.8-3.5cm)
67	**Kandilli Observatory**	Kandilli, Turkey	29.1 E	41.1 N		2 refractors (15+10cm)	full disk H-alpha + CaK
68		Bucuresti, Romania	26.1 E	44.4 N		2 refractors (13+8cm)	full disk WL+H images
69	**Metsähovi Radio Observatory**	Metsähovi, Finland	24.39 E	60.22 N		14m radio telescope	10-100 Ghz radio maps
70	**National Astronomical Observatory Rozhen**	Rozhen, Bulgaria	24.74 E	41.69 N		20cm coronagr.+chrom.tel.	5303, 6374 + H images
71		L'vøUkraine	23.9 E	49.8 N		photoheliograph	full disk WL+H images
72	**Debrecen Observatory**	Debrecen, Hungary	21.62 E	47.56 N		2 refractors (13 + 15cm)	full disk WL images
73						53cm coronagraph	H-alpha flare observations
74	**South African Astronomical Observatory**	Sutherland, South Africa	20.81 E	32.38 S	**BiSON site**	**BiSON site**	integrated sunlight

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75	**Stara Lesna Observatory**	Tatranska Lomnica, Slovak Republic	20.29 E	49.15 N	Horizontal Solar Telescope (50 cm)	Spectrograph	
76					Double Solar Telescope (20 and 15 cm)		Sunspot observations
77	**Lomnicky Stit Observatory**	Slovak Republic	20.22 E	49.20 N		20cm coronagraph	Fe X - XV, Ca XV photometry, H-alpha limb prominences
78	**Astronomical Observatory of the Jagiellonian University**	Cracow, Poland	19.83 E	50.05 N	8-meter antenna	radiospectrograph	mean fluxes in 10 channels from 275-1755 Mhz, 5 min resolution
79	**Torun Centre for Astronomy**	Torun, Poland	18.56 E	53.10 N		E-W radio interferometer	daily mean flux at 127MHz
80	**SOON**	San Vito, Italy	17.43 E	40.40 N	SOON site (Solar Observing Optical Network)	SOON site (Solar Observing Optical Network)	full disk H, WL + magnetogr.
81							flux@0.2,0.4,1.4,2.7,5.0,8.8,15GHz
82							sweepfreq.interferom.(25-75MHz)
83	**Wroclaw Observatory**	Wroclaw, Poland	17.09 E	51.11 N		Small Coronagraph (13 cm)	H-alpha filtergr. (prominences+AR)
84	**Bialków Observatory**	Wroclaw, Poland	16.66 E	51.48 N	Large Coronagraph (53 cm)	MSDP	H-alpha filtergrams and MSDP spectra
85					Solar Horizonal Telescope		H-alpha filtergrams
86	**Hvar Observatory**	Hvar, Croatia	16.45 E	43.18 N		refractor	
87	**Ondrejov Observatory**	Ondrejov, Czech Republic	14.8 E	49.9 N		2 patrol refrac.(7.5+11cm)	full disk WL+H-alpha images
88						coronagraph (13cm)	H prominences
89						2 horizontal tel.(23+50cm)	high res. WL+H-alpha images,
90						refractor (20.5cm)	magnetograms, Dopplergrams
91						7.5 and 3m radio antenna	radio flux at .24, .54, .88, 3 GHz
92						10 and 3m radio antenna	radio flux at 1-2 and 2-4.5 GHz
93	**Astronomical Observatory of Catania**	Catania, Italy	15.1 E	35.5 N		refractors (15cm)	WL+H images (disk&limb)
94		Kanzelhöhe,Austria	14.9 E	46.7 N		2 refractors (11+10cm)	full disk WL+H images
95	**Capodimonte Astronomical Observatory**	Naples, Italy	14.26 E	40.86 N	VAMOS	VAMOS	Full-Disk intensity and longitudinal magnetic and velocity field atin Postassium 7699 Å
96	**Trieste Astronomical Observatory**	Basovizza, Italy	13.8 E	43.7 N	MMSRP	mMSRP – 10m parabolic dish	100-1000MHz radiopolarimeter
97					DmMSRP	DmMSRP – 3m parabolic dish	1-4 Ghz radiopolarimeter
98	**Einsteinturm Solar Observatory**	Potsdam, Germany	13.1 E	52.4 N	Einsteinturm	Einsteinturm (60cmCoel.)	
99					OSRA	OSRA: 4 sweep spectrogr.+ 14 single freq. polarimeters	burst profiles (40-800MHz), radio flux @42, ..., 775MHz
100	**Rome Astronomical Observatory**	Monte Porzio, Rome, Italy	12.45 E	41.92 N	PSPT	PSPT	Full-disk CaII K and contiunuum
101	**Istituto Ricerche Solari Locarno**	Locarno, Switzerland	8.8 E	46.167 N		45 cm Gregorian	Spectrograph
102		Bleien, Switzerland	8.7 E	47.4 N	Phoenix Broadband Spectrometer	Phoenix Broadband Spectrometer	0.1 – 4 GHz
103		Haute Provence, France	6 E	44 N		heliograph	full disk H images
104	**Royal Observatory of Belgium**	Brussels, Belgium	5.3 E	50.2 N		radioheliograph (Interf.)	full disk maps (408MHz, 5')
105						10m antenna	600MHz integrated flux
106						2 refractors (12+16cm)	full disk H + WL images
107	**Observatory of Paris**	Meudon, France	2.3 E	48.8 N		helio- + spectroheliograph	full disk H-alpha + CaK images
108	**Nançay Observatory**	Nançay, France	2.2 E	47.4 N		multifreq. radioheliogr.	maps (pol.) 150-450MHz
109	**Ebre Observatory**	Roquetas, Spain	0.49 E	40.82 N		refractor	Full-disk white-light images
110	**Observatory of Pic du Midi**	Pic du Midi, France	0.1 E	43.0 N		coronagraph	H limb images (1-2R), He 10830 images (planned)
111	**Bordeaux Observatory**	Bordeaux, France	0.52 W	44.84 N		equatorial refractor	Resonance cell velocity measurements

	A	B	C	D	E	F	G
112		Oukaïmden, Morrocco	7.5 W	31.25 N	**IRIS** Site	Sodium resonance cell	Integrated intensity and velocity
113	**Observatório Astronómico da Universidade de Coimbra (OAUC)**	Coimbra, Portugal	8.5 W	40.2 N		spectroheliograph	full disk H-alpha, CaII K, and continuum spectroheliograms
114	**Prof. Manuel de Barros Observatory**	Oporto, Portugal	8.59 W	41.11 N	Solar Radio Spectrograph of Porto	radiospectrograph	
115	**Kiepenheuer Insitute of Solar Physics**	Izaña, Tenerife, Spain	16.51 W	28.30 N		VTT(70cm)	Echelle spectrograph, Fabry-Perot Interferometer
116					Vaccum Tower Telescope		full-disk H-alpha
117		Izaña, Tenerife, Spain	16.51 W	28.30 N	Gregorian Coude Telescope	GCT(45cm)	
118		Izaña, Tenerife, Spain	16.51 W	28.30 N	GREGOR (150 cm)	GREGOR (150 cm)	
119	**THEMIS**	Izaña, Tenerife, Spain	16.51 W	28.30 N	THEMIS	THEMIS (90cm)	Italian Panoramic Monochromator, MSDP, MTR
120	**Teide Observatory**	Izaña, Tenerife, Spain	16.51 W	28.30 N	Vacuum Newtonian Telescope (VNT)	VNT (40cm)	
121	**Solar Laboratory**	Izaña, Tenerife, Spain	16.51 W	28.30 N	**BiSON site**	**BiSON site**	integrated sunlight
122					GONG Site	2.8 cm telescope	full intensity and magnetic field
123					TON Site	9 cm reflector	Full-Disk CaII K images
124					**IRIS** Site	Sodium resonance cell	Integrated intensity and velocity
125					LOI Site	LOI Site	
126	**Roque de los Muchachos Observatory**	RdM, La Palma, Spain	17.88 W	28.76 N	New Swedish Solar Telescope (NSST)	Swedish Tower (100cm)	
127	**Roque de los Muchachos Observatory**	RdM, La Palm, Spaina	17.88 W	28.76 N	Dutch Open Telescope	Dutch Open Telescope (45 cm)	
128		Itapetinga, Brazil	46.5 W	23.2 S		13.7m dish	mm-wave burst profiles
129	**SOON**	Ramey, Puerto Rico	67 W	18 N	SOON site	SOON site	full disk H, WL + magnetogr.
130	**OAFA – CASLEO**	El Leoncito, San Juan, Argentina	69.33 W	31.8 S	Solar Submilimeter Telescope (SST)	Solar Submilimeter Telescope (SST) (150 cm)	212 & 405 Ghz, 1.5 & 3 arcminute field of view, 1 & 40 ms temporal resolution
131	**OAFA – C.U. Cesco Station**	El Leoncito, San Juan, Argentina	69.33 W	31.80 S	H-alpha Solar Telescope for Argentina (HASTA)	H-alpha Solar Telescope for Argentina (HASTA)	Full Disk H-alpha
132					Mirror Coronagraph for Argentina (MICA)	Mirror Coronagraph for Argentina (MICA)	Mirror Coronagraph – H-alpha, green and red line, 1.05 – 2 solar radii
133	**SOON**	Sagamore Hill, MA, USA	70.82 W	42.63 N	SOON site	SOON site	flux@0.2,0.4,1.4,2.7,5.0,8.8,15GHz
134							sweepfreq.interferom.(25-75MHz)
135	**Las Campanas Observatory**	Cerro Las Campanas, Chile	70.7 W	29.01 S	**BiSON site**	**BiSON site**	integrated sunlight
136	**La Silla Observatory**	La Silla, Chile	70.73 W	29.26 S	**IRIS** Site	Sodium resonance cell	Integrated intensity and velocity
137	**Cerro Tololo Astronomical Observatory**	La Serena, Chile	70.81 W	30.17 S	GONG Site	2.8 cm telescope	
138	**Stull Observatory**	Alfred, NY, USA	77.79 W	42.25 N		20 cm Schmidt-Cassegrain	Active region H-alpha imaging (10' x 10'), video rate
139	**NASA / Marshall Space Flight Center**	Huntsville, AL, USA	86.6 W	34.7 N		30cm magnetograph	vect.magnet.(6'6'FOV)
140						3 auxil.tel.(H/WL)	coalig.H, FD WL+H
141	**Prairie View Solar Observatory**	Prairie View, TX, USA				35-cm Gregorian vacuum telescope	High-resolution and full-disk H-alpha image
142	**Space Environment Laboratory**	Boulder, CO,USA	105.2 W	40.0 N		Patrol instr.	full disk H + WL (CaK + magnetogr.: 1996)
143	**National Solar Observatory**	Sac Peak, NM, USA	105.8 W	32.8 N	Dunn Solar Telescope	VTT (75cm)	
144					HAO Stokes Polarimeter	HAO Stokes Polarimeter	
145					J. Evans Facility	J.Evans Facility	H-alpha + Ca K spectroheliogr., 5303,5694,6374coron.scans
146					Hilltop Facility	Hilltop Facility	H+WL flare patrol
147	**SOON**	Holloman, NM, USA	106.0 W	33 N	SOON site	SOON site	full disk H, WL + magnetogr.

	A	B	C	D	E	F	G
148	**National Radio Astronomy Observatory**	Socorro, NM, USA	106.9 W	34.1 N	Very Large Array (VLA)	aperture synth.telesc.	
149	**Carl Sagan Observatory (OCS)**	Cerro Azul, Mexico	110.57 W	30.73 N			H-Alpha line center
150	**Solar Observation Station (EOS)**	Hermosillo, Mexico	110.96 W	29.08 N		12.5 cm reflector	Full Disk H-alpha, CaII K, and continuum
151	**National Solar Observatory**	Kitt Peak, AZ, USA	111.6 W	32.0 N	McMath-Pierce Solar Telescope Facility	150 cm heliostat, 2 x 91 cm heliostats	
152					Vacuum Telescope	70 cm coelostat, vacuum	full disk magnetograms + He10830 spectroheliogr.
153					SOLIS		
154	**Big Bear Solar Observatory**	Big Bear, CA, USA	117.0 W	34.3 N		65cm Gregorian +	fulldisk WL, H-alpha, CaK, magnetograms
155						patrol instruments,	
156						vector magnetograph	
157					GONG Site	2.8 cm telescope	
158					TON Site	9 cm reflector	Full-Disk CaII K images
159	**Owens Valley Radio Observatory**	Owens Valley, CA, USA	117.9 W	36.4 N	OVRO radiospectrometer	OVRO radiospectrometer	
160	**Mount Wilson Observatory**	Mt.Wilson, CA, USA	118.1 W	34.3 N	150 foot Tower Tel.	150 foot Tower Tel.	full disk magneto- + Doppler-grams (512x512), WL images
161							WL images
162	**San Fernando Observatory**	Sylmar, CA, USA	118.5 W	34.3 N		5cm + 15cm refractors	full disk photometric images (broad band + CaK)
163						38cm + 61cm refractors + spectroheliograph	active region vectormagnetogr. + Dopplergrams
164	**Dominion Radio Astrophysical Observatory**	Penticton, BC, Canada	119.62 W	49.32 N		10.7 cm Solar Flux Monitor	Integrated 10.7cm flux
165		Hat Creek, USA	121.5 W	40.8 N	BIMA millimeter array	BIMA millimeter array	3mm maps (2' res.)
166	**Wilconx Solar Observatory**	Wilcox, CA, USA	122.2 W	37.4 N	Magnetograph	Magnetograph	LOS magnetic and velocity field
167					**IRIS** Network Site	Sodium resonance cell	Full-Disk Intensity and Velocity
168	**Mees Solar Observatory**	Haleakala, HI, USA	155.4 W	19.6 N	POI & K-KLINE Imagers	POI & K-KLINE Imagers	full disk Ca K images
169					MCCD	MCCD	H-alpha imaging spec. (2' FOV, 2" pix.)
170					Stokes Polarimeter	Stokes Polarimeter	vector mag. (2' FOV, 2" pix.)
171					Imaging Vector Magnetograph (IVM)	vector magnetograph (IVM)	vector mag. (4' FOV with 0.6" pixels)
172					H-alpha coronagraph	H-alpha coronagraph	H-alpha prominence images
173	**Mauna Loa Solar Observatory**	MaunaLoa, HI, USA	156.6 W	19.5 N	Mark-III Coronographs	Mark-III Coronographs	K-corona Images
174					Mark-IV Coronographs	Mark-IV Coronographs	K-corona WL images
175					Digital Prominence Monitor Polarimeter for Inner Coronal Studies	Digital Prominence Monitor Polarimeter for Inner Coronal Studies	H-Alpha Disk and Prominence
176					Chromospheric Helium I Imaging Photometer (CHIP)	Chromospheric Helium I Imaging Photometer (CHIP)	Helium-I 1083 nm Full-Disk Images
177					Precision Solar Photometric Telescope (PSPT)	Precision Solar Photometric Telescope (PSPT)	CaII K and Continuum Full-Disk Images
178					Experiment for Coordinated Helioseismic Observations (ECHO)	Experiment for Coordinated Helioseismic Observations (ECHO)	Full Disk Potassium Images
179					GONG Site	2.8 cm telescope	
180	**SOON**	Palehua, HI, USA	158.06 W	21.24 N	SOON site (Solar Observing Optical Network)	SOON site (Solar Observing Optical Network)	full disk H, WL + magnetogr.
181							flux@0.2,0.4,1.4,2.7,5.0,8.8,15GHz
182							sweepfreq.interferom.(25-75MHz)

	H	I	J	K	L	M
1	**Observatory URL**	**Data Type**	**Instrument URL**	**Start Date**	**End Date**	**Data Availability**
2						
3	**http://bison.ph.bham.ac.uk/sites/narrabri/narrabri.html**	VISIBLE				
4	http://www-astro.unice.fr/iris/		**http://www-astro.unice.fr/iris/**			
5	**http://www.ips.gov.au/culgoora/**	**VISIBLE**	**http://www.ips.gov.au/asfc/data/sol/culgoora/halpha/index.html**			
6		**RADIO**	**http://www.ips.gov.au/culgoora/spectro/index.html**			
7	http://fourier.phys.utas.edu.au/birs/index.html	RADIO	**http://fourier.phys.utas.edu.au/birs/latest.html**			
8	http://sunbase.crl.go.jp/home.html	VISIBLE	**http://sunbase.crl.go.jp/solar/form/home.html**			
9		VISIBLE				
10		RADIO	**http://sunbase.crl.go.jp/solar/denpa/index.html**			
11	**http://solarwww.mtk.nao.ac.jp/**	VISIBLE	**http://solarwww.mtk.nao.ac.jp/solar/mag-mtkft1/gif/2000/**			
12			**http://solarwww.mtk.nao.ac.jp/solar/mag-fulldisk/gif/2000/**			
13			**http://solarwww.mtk.nao.ac.jp/solar/wl-fulldisk/gif/2000/**			
14			**http://solarwww.mtk.nao.ac.jp/solar/ha-fulldisk/gif/2000/**			
15	**http://solar.nro.nao.ac.jp/norh/index.html**	RADIO	**http://solar.nro.nao.ac.jp/norh/html/daily/ifa_latest.gif**			
16			**http://solar.nro.nao.ac.jp/norp/html/daily/pl_latest.gif** **http://solar.nro.nao.ac.jp/norp/archive.html**			
17						
18	**http://solarwww.mtk.nao.ac.jp/en/norikura.html**	VISIBLE				
19	**http://www.kwasan.kyoto-u.ac.jp/Hida/Hida-e.html**	VISIBLE	**http://www.kwasan.kyoto-u.ac.jp/Hida/DATA/Target.html**			
20			**http://www.kwasan.kyoto-u.ac.jp/Hida/IMG/FMTtoday.html**			
21	**http://solarwww.mtk.nao.ac.jp/en/okayama.html**	VISIBLE				
22	**http://www.boao.re.kr/~yjmoon/softmain.html**	VISIBLE	**http://www.boao.re.kr/~yjmoon/gallary/main_gallary.html**			
23	http://sun.bao.ac.cn/	VISIBLE	**http://solar48.bao.ac.cn/observation/data/**			
24						
25						
26						
27						
28			http://soi.stanford.edu/sssc/progs/ton/			
29	http://www.ips.gov.au/learmonth/	VISIBLE	**http://www.ips.gov.au/learmonth/solar/index.html**			
30			**http://www.ips.gov.au/learmonth/solar/index.html**	**April, 1995**	**Present**	
31		RADIO				
32						
33	http://bison.ph.bham.ac.uk/sites/carnarvon/carnarvon.html	VISIBLE				
34	http://www.iszf.irk.ru:8101/obs/bao/bao.html	VISIBLE				
35						
36						
37						

	H	I	J	K	L	M
38	http://ssrt.iszf.irk.ru/index.shtml	RADIO	**http://www.eastsib.ru/~ssrt/ ftp://ssrt.iszf.irk.ru/pub/data/**			
39	http://cosmos.ynao.ac.cn/	RADIO				
40		VISIBLE	**http://cosmos.ynao.ac.cn/halpha/archive.html**			
41						
42	http://www.iszf.irk.ru:8101/obs/sso/sso.html	VISIBLE				
43						
44		VISIBLE				
45						
46	http://www.gmrt.ncra.tifr.res.in/	RADIO				
47	http://www.prl.ernet.in/~sushant/uso/	VISIBLE				
48						
49						
50	http://www.gong.noao.edu/sites/udaipur.shtml			**Sep, 1995**		
51		VISIBLE				
52	http://www.astrin.uzsci.net/	VISIBLE	http://soi.stanford.edu/sssc/progs/ton/			
53	http://www.sao.ru/~sun/	RADIO	http://www.sao.ru/~sun/latest.htm			
54		VISIBLE				
55						
56						
57						
58		VISIBLE				
59		VISIBLE				
60						
61	http://helios.izmiran.rssi.ru/lars/LARS.html	RADIO				
62						
63	http://www.univer.kharkov.ua/astron/dslpp/sun/index.html	VISIBLE	http://khassm.virtualave.net/data.htm			
64		VISIBLE				
65						
66		VISIBLE				
67	http://www.koeri.boun.edu.tr/astronomy/astronomy.html/	VISIBLE				
68		VISIBLE				
69	http://kurp-www.hut.fi/sun/	VISIBLE	http://kurp-www.hut.fi/sun/observations/			
70	http://www.astro.bas.bg/	VISIBLE				
71		VISIBLE				
72	http://fenyi.sci.klte.hu/~ludmany/deb_obs_en.html	VISIBLE	ftp://fenyi.sci.klte.hu/pub			
73		VISIBLE				
74	http://bison.ph.bham.ac.uk/new/sutherland.html	VISIBLE		**1990**	**Present**	

	H	I	J	K	L	M
75	http://www.ta3.sk/	VISIBLE				
76		VISIBLE				
77	http://www.ta3.sk/	VISIBLE				
78	http://www.oa.uj.edu.pl/	RADIO	http://www.oa.uj.edu.pl/slonce/index.EN.html			
79	http://www.astro.uni.torun.pl/	RADIO	http://www.astro.uni.torun.pl/~gg/personal.html			
80		VISIBLE				
81		RADIO				
82						
83	http://www.astro.uni.wroc.pl/	VISIBLE				
84	http://www.astro.uni.wroc.pl/	VISIBLE				
85		VISIBLE				
86	http://hvar.geof.hr/index.html	VISIBLE				
87	http://sunkl.asu.cas.cz/~sunwatch/index.html/	VISIBLE				
88						
89						
90						
91		RADIO				
92						
93		VISIBLE				
94	http://www.solobskh.ac.at/	VISIBLE				
95	http://www.na.astro.it/vamos/	VISIBLE		1998	Present	
96	http://radiosun.ts.astro.it/	RADIO	http://radiosun.ts.astro.it/Synoptic_radio_archive__oats.htm			
97						
98	http://aipsoe.aip.de/soe-e.html	VISIBLE				
99		RADIO	http://www.aip.de/groups/osra/			
100	http://www.mporzio.astro.it/solare/	VISIBLE				
101	http://www.mnd-umwelttechnik.fh-wiesbaden.de/divers/irsol/sheet.html	VISIBLE		1987	Present	
102	http://www.astro.phys.ethz.ch/rapp/catalog/catalog_nf.html#photo	RADIO	http://www.astro.phys.ethz.ch/cgi-bin/showdir?dir=observations			
103		VISIBLE				
104		RADIO				
105						
106		VISIBLE				
107	http://mesola.obspm.fr/	VISIBLE				
108	http://www.obs-nancay.fr/	RADIO				
109	http://www.readysoft.es/observebre/7index.htm	VISIBLE				
110		VISIBLE				
111	http://www.observ.u-bordeaux.fr/	VISIBLE				

	H	I	J	K	L	M
112						
113	http://www.astro.mat.uc.pt/obsv/index.html	VISIBLE		1926	Present	Film
114	http://www.fc.up.pt/oa	RADIO				
115	http://www.kis.uni-freiburg.de/kiswwwe2.html	VISIBLE				
116			http://www.kis.uni-freiburg.de/halpha_e.html	May, 1996	Present	
117	http://www.uni-sw.gwdg.de/research/exp_solar/GCT_text.html	VISIBLE		1984	May, 2002	
118	http://www.kis.uni-freiburg.de/GREGOR/index_e.html	VISIBLE				
119	http://www.themis.iac.es/	VISIBLE				
120		VISIBLE				
121	http://bison.ph.bham.ac.uk/new/izana.html	VISIBLE		1975	Present	
122	http://helios.tuc.noao.edu/sites/elteide.shtml			17 Feb, 1995	Present	
123			http://soi.stanford.edu/sssc/progs/ton/			
124						
125						
126	http://www.astro.su.se/groups/solar/	VISIBLE				
127	http://dot.astro.uu.nl/	VISIBLE				
128		RADIO				
129		VISIBLE				
130	http://www.casleo.gov.ar/Instrumentos/sst/sst_eng.html	RADIO				
131	http://www2.plasma.mpe-garching.mpg.de/hasta/site.html	VISIBLE	http://www2.plasma.mpe-garching.mpg.de/hasta/hastasearch.html	May, 1998	Present	GIF, FITS on Request
132			http://star.mpae.gwdg.de/mica/mica_home.htm			
133		RADIO				
134						
135	http://bison.ph.bham.ac.uk/new/lascampanas.html	VISIBLE		1991	Present	
136		VISIBLE				
137	http://www.gong.noao.edu/sites/ctio.shtml	VISIBLE		July, 1995		
138	http://merlin.alfred.edu/stull.html	VISIBLE				
139	http://science.msfc.nasa.gov/ssl/PAD/SOLAR/maggraph.htm	VISIBLE				
140		VISIBLE				
141	http://www.pvamu.edu/cps/Solar.html	VISIBLE	http://www.pvamu.edu/cps/Sun_Images/data.html	April, 1999		
142	http://www.hao.ucar.edu/	VISIBLE				
143	http://www.nso.edu/sunspot/	VISIBLE				
144						
145						
146						
147		VISIBLE				

	H	I	J	K	L	M
148	http://www.aoc.nrao.edu/	RADIO				
149	http://cosmos.cifus.uson.mx/Infraestructura/ocs/ocsnew.htm	VISIBLE		2 May, 2001	Present	
150	http://cosmos.astro.uson.mx/Infraestructura/EOS/EOSinfrstrctr.html	VISIBLE	http://cosmos.astro.uson.mx/observa/solar.htm		Present	
151	http://nsokp.nso.edu/	VISIBLE				
152			http://www.nso.noao.edu/nsokp/dataarch.html			
153						
154	http://www.bbso.njit.edu/	VISIBLE				
155						
156						
157	http://www.gong.noao.edu/sites/bigbear.shtml			Aug, 1995		
158			http://soi.stanford.edu/sssc/progs/ton/			
159	http://www.ovsa.njit.edu/	RADIO				
160	http://www.mtwilson.edu/Science/UCLA	VISIBLE				
161						
162	http://davinci.csun.edu/~astro/sfo.htm	VISIBLE				
163						
164	http://www.drao.nrc.ca/icarus/www/sol_home.shtml	RADIO	http://www.drao.nrc.ca/icarus/www/archive.html	01 Jan, 1947	Present	ASCII Table
165		RADIO				
166	**http://quake.stanford.edu/~wso/**	VISIBLE		16 May, 1976	Present	GIF, Postscript
167						
168	**http://www.solar.ifa.hawaii.edu/mees.html**	VISIBLE				
169						
170						
171						
172						
173	**http://mlso.hao.ucar.edu/**	VISIBLE	**http://mlso.hao.ucar.edu/mk3.html**	4 Feb 1980	30 Sep 1999	GIF, Binary on Reque
174			**http://mlso.hao.ucar.edu/mk4.html**	Oct, 1998	Present	GIF, FITS
175			**http://mlso.hao.ucar.edu/dpm.html**	20 Feb, 1994	Present	GIF, FITS?
176			**http://mlso.hao.ucar.edu/chip.html**	17 Apr, 1996	Present	GIF
177			**http://rise.hao.ucar.edu/**	Sep, 1997	Present	GIF, FITS on Request
178			**http://www.hao.ucar.edu/public/research/mlso/LowL/lowl.html**	24 Feb, 1994 - LOW Sep, 2000 - ECHO	Sep, 2000 - LOWL Present - ECHO	On Request?
179	http://www.gong.noao.edu/sites/maunaloa.shtml			June, 1995		
180		VISIBLE				
181		RADIO				
182						