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AMBER

	GLAT	GLONG
ALGR Medea, Algeria	36.66	2.70
CMRN Yaounde, Cameroon	3.87	11.52
ETHI Adigrat, Ethiopia	14.28	39.46
NMBA Tsumeb, Namibia	-19.20	17.58
ABJA AMBER-SAMBA Abuja, Nigeria	10.50	7.55

CALLISTO

	GLAT	GLONG
Perth, Australia	-31.6	115.9
Melbourne, Australia	-37.5	145.
Vienna, Austria	48.22	16.12
Humain, Belgium	50.2	5.25
Cachoeira Paulista, Brazil (two instruments)	-22.66	-45.
Santa Cruz, Costa Rica	10.25	-85.52
Ondrejov, Czech Republic	49.9	14.66
Cairo, Egypt	30.	31.12
Metsahovi (two instruments), Finland	61.9	26.
Mannheim, Germany	49.5	8.5
Hamminkeln, Germany	51.73	6.6
Ooty, India	11.46	76.66
Gauribidanur, India	13.51	77.5
Pune, India	18.55	73.83
Ahmedabad, India	23.04	72.51
Birr (four instruments), Ireland	53.1	-7.9
Cagliari, Italy	39.2	9.1
Trieste, Italy	45.6	13.8
Almaty TSAO, Kazakhstan	43.03	76.967
Nairobi, Kenya	-1.34	36.85
Banting Selangor (three instruments), Malaysia	2.80	101.50
Poste de Flaq (three instruments), Mauritius	-20.16	57.74
Mexico City, Mexico	19.48	-99.12
Ulaan Baatar (two instruments), Mongolia	47.9	106.9
Badary /Irkutsk/Siberia/, Russia	52.2	104.3
Hurbanovo, Slovakia	47.88	18.19
Daejeon, South Korea (two instruments)	36.31	127.48
Peralejos, Spain	40.59	-1.92
Katubedda/Moratuwa, Sri Lanka	6.9	79.9
Freienbach, Switzerland	47.2	8.8
Bleien, Switzerland (three instruments)	47.33	8.11
Zurich, Switzerland	47.37	8.54
Glasgow, UK	55.8	-4.25
Simpheropol /Crimea, Ukraine	44.84	34.18
Ocean View /Hawaii/, USA	19.1	-155.75
Anchorage /Alaska/, USA	61.17	-149.8

RENOIR

	GLAT	GLONG
Cajazeiras, Brazil	-6.89	-38.56
Cariri, Brazil	-7.39	-36.53
Marrakech, Morocco	31.6	-7.98

CHAIN

	GLAT	GLONG
Alger, Algeria	20.22	2.37
Hida Gifu Prefecture, Japan	36.24	137.2
ICA, Peru	-14.01	-75.15

CIDR

	GLAT	GLONG
Helwan, Egypt	29.50	31.20
Ancon, Peru	-11.7765	-77.1503
Austin Texas, USA	30.3843	-97.7268
Wallops Island VA, USA	37.9352	-75.4714
Oneonta NY, USA	42.4672	-75.0629
Ithaca NY, USA	42.4954	-76.4312
Millstone Hill Massachusetts, USA	42.6119	-71.4847
Albany NY, USA	42.72	-73.75

GMDN

	GLAT	GLONG
Hobart, Australia	-42.97	147.29
São Martinho, Brazil	-29.44	-53.81
Nagoya, Japan	35.15	136.97
Kuwait, Kuwait	29.32	47.97

OMTIs

	GLAT	GLONG
DRW Darwin (2011), Australia	-12.44	130.96
ATH Athabasca, Canada	54.7	246.7
RSB Resolute Bay , Canada	74.73	265.07
YNG Yonaguni, Japan	24.5	123.0
STA Sata, Japan	31.02	130.68
SGK Shigaraki, Japan	34.8	136.1
RIK Rikubetsu, Japan	43.5	143.8
KTB Kototabang, Malaysia	-0.2	100.32
TRS Tromso, Norway	69.59	19.227
PTK Paratunka, Russia	52.97	158.248
MGD Magadan, Russia	60.05	150.73
CMU Chiang Mai, Thailand	18.79	98.92

SAVNET

	GLAT	GLONG
CASLEO (CAS), Argentina	-31.533	-68.517
Palmas (PAL), Brazil	-10.167	-49.33
Wand Atibaia (BRA), Brazil	-23.183	-46.6
São Martinho da Serra (SMS), Brazil	-29.717	-53.717
Natal- Rio Grande do Norte, Brazil	-5.74	-35.21
Antartica Comandante Ferraz (EAC), Brazil	-62.083	-58.4
Campina Grande - Paraiba, Brazil	-7.20	-35.88
UNAM university, Mexico	19.30	-99.27
Piura (PIU), Peru	-05.2	-80.633
Punta Lobos (PL), Peru	-12.5	-76.8
Ica (PER), Peru	-14.017	-75.73

SEVAN

	GLAT	GLONG
Aragats (three instruments), Armenia	40.5	44.19
Moussala, Bulgaria	42.18	23.58
Zagreb, Croatia	44.55	15.38
New-Dehli univ., India	28.7	77.21
Lomnitsky Schtit, Slovakia	48.713	19.43

GPS_Africa

	GLAT	GLONG
IGS Tamanrasset, Algeria	22.79	5.53
AMMA Djougou, Benin	09.66	01.7
IGS Maun, Botswana	-20	23
ENST Koudougou , Burkina Faso	12.15	-2.20
AMMA Ouagadougou, Burkina Faso	12.34	-1.05
Sal island, Cape Verde	14	-22
IGS Libreville, Gabon	0.3523	9.6698
IGS Franceville, Gabon	-1.6312	13.5520
AMMA Tamale, Ghana	09.5	-0.9
IGS Malindi, Kenya	-2.9959	40.1944
AMMA Gao, Mali	16.25	0.01
AMMA Tombouctou, Mali	16.66	-2.99
IGS Rabat, Morocco	33.998	353.1457
IGS Nampula, Mozambic	-15.123	39.258
IGS Windhoek, Namibia	-22.575	17.089
AMMA Niamey , Niger	13.49	0.16
IGS Sao Tome Isl., Sao Tome	0.345	6.738
IGS Dakar, Senegal	14.685	344.
IGS Richards bay, South Africa	-28.7956	32.0784
IGS Sutherland , South Africa	-32.3802	20.8105
Sutherland, South Africa	-32.3814	20.8109
IGS Simonstown , South Africa	-34.1879	18.4395
IGS Pretoria , South Africa	-25.8869	27.7075
IGS Krugersdorp, South Africa	-25.8901	27.687
IGS Southern Oce. Marion Island, South Africa	-46.876	37.861
IGS Dar Es Salaam, Tanzania	-7	39
IGS Mbarara, Uganda	-0.6015	30.7379
IGS Lusaka, Zambia	-15.4255	28.3110

MAG_Africa

	GLAT	GLONG
INTERMAGNET-TAM Tamanrasset, Algeria	22.8	5.5
INTERMAGNET-BAN Bangui RCI, Central African Republic	4.3	18.6
IPGP-LAM Lamto, Cote d'Ivoire	6.24	5.01
IPGP-KHO Khorogo, Cote d'Ivoire	9.33	5.48
INTERMAGNET-AAE Addis Ababa, Ethiopia	9.	38.1
INTERMAGNET- TAN Antananarivo, Madagascar	-18.9	47.3
IPGP-SIK Sikasso, Mali	11.33	5.662
IPGP-SAN San, Mali	13.25	4.9
INTERMAGNET-TSU Tsumeb, Namibia	-19.2	17.6
INTERMAGNET-MBO M'Bour, Senegal	14.4	343
INTERMAGNET-HBK Hartebeesthoek, South Africa	-25.9	27.7
INTERMAGNET-HER Hermanus, South Africa	-34.4	19.2
INTERMAGNET-GUI Guimar Tenerife-Baleares, Spain	28.3	343.6
INTERMAGNET-ASC Ascension Island Ile, UK	-7.9	345.6

CSSTE

	GLAT	GLONG
CSSTE-F Rabat, Morocco	34.02	-6.83
CSSTE-E Ile-Ife, Nigeria	6.86	7.39
CSSTEAP New Delhi, India	28.64	77.23
CRECTEALC Puebla, Mexico	19.05	-98.28
CRECTEALC Santa Maria RS, Brazil	-29.67	-51.80
CSSTE-WA Amman, Jordan	31.71	36.44

MAGDAS

	GLAT	GLONG
DAW Darwin, Australia	-12.41	130.92
CKT Cooktown, Australia	-15.48	145.25
TWV Townsville, Australia	-19.63	146.86
ROC Rockhampton, Australia	-23.19	150.31
CGR Culgoora, Australia	-30.32	149.57
CMD Camden, Australia	-34.06	150.67
CAN Canberra, Australia	-35.30	149.00
MLB Melbourne, Australia	-38.36	145.18
HOB Hobart, Australia	-42.94	147.32
MCQ MacQuarie Island, Australia	-54.5	158.96
DVS Davis, Australia	-74.49	99.62
SMA Santa Maria, Brazil	-29.72	-53.72
EUS Eusebio, Brazil	-3.88	-38.43
WAD Wadena, Canada	51.9	-103.9
ABJ Abidjan, Cote d'Ivoire	5.35	-3.08
ASW Aswan, Egypt	23.59	32.51
FYM Fayum, Egypt	29.3	30.88
AAB Addis Ababa, Ethiopia	9.04	38.77
TIR Tirunelveli, India	8.7	77.8
PTN Pontianak Kalimantan, Indonesia	0.04	109.34
BIK Biak Island, Indonesia	-1.0	136.0
MND Manado, Indonesia	1.44	124.84
KPG Kupang, Indonesia	-10.2	123.4
JYP Jayapura, Indonesia	-2.6	140.7
PRP Pare Pare, Indonesia	-3.6	119.4
LAQ L'aquila, Italy	42.38	13.32
AMA Amami Oshima, Japan	28.17	129.33
KUJ Kuju, Japan	33.06	131.23
OIS Oiso, Japan	35.18	139.17
ONW Onagawa, Japan	38.44	141.48
TNO Tohno, Japan	39.37	141.6
ASB Ashibetsu, Japan	43.46	142.17
NAB Nairobi, Kenya	-1.16	36.48
LKW Langkawi, Malaysia	6.3	99.78
YAP Yap Island, Micronesia	9.5	138.08
HVD Khovd, Mongolia	48.00	91.40
MPT Maputo, Mozambique	-25.57	32.36
LAG Lagos, Nigeria	6.48	3.27
ILR Ilorin, Nigeria	8.5	4.68
ABU Abuja, Nigeria	8.99	7.39
ANC Ancon, Peru	-11.77	-77.15
ICA Ica, Peru	-14.09	-75.74
CEB Cebu, Philippines	10.36	123.91
LGZ Legazpi, Philippines	13.15	123.74
MUT Muntinlupa, Philippines	14.37	121.02
TGG Tuguegarao, Philippines	17.66	121.76
DAV Davao, Philippines	7	125.4
CDO Cagayan De Oro, Philippines	8.46	124.63
PTK Paratunka, Russia	52.94	158.25
MGD Magadan, Russia	53.6	141.06
YAK Yakutsk Siberia, Russia	61.95	129.65
ZYK Zyryanka Siberia, Russia	61.95	150.9
ZGN Zhiginsk Siberia, Russia	66.78	123.37
CST Cape Schmidt, Russia	68.5	179.2
CHD Chokurdakh Siberia, Russia	70.62	147.9
TIX Tixie Siberia, Russia	71.58	128.78

MAGDAS continued	GLAT	GLONG
KTN Kotelny Siberia, Russia	76.00	137.9
DRB Durban, South Africa	-29.49	30.56
HER Hermanus, South Africa	-34.34	19.24
KRT Khartoum, Sudan	15.33	32.32
HLN Hualien, Taiwan	23.9	121.55
DES Dar Es Salaam, Tanzania	-6.47	39.12
EWA Ewa Beach Hawaii, USA	21.19	-157.6
GLY Glyndon, USA	46.5	-96.3
BCL Bac Lieu, Vietnam	9.25	105.71
LSK Lusaka, Zambia	-15.23	28.2

ULF_elf_VLF

	GLAT	GLONG
Har Amran, Israel	29.66	34.93
Mitzpe Ramon, Israel	32.	34.
Negev desert, Israel	30.5	34.4

SCINDA

	GLAT	GLONG
Sao Tome and Principe, Atlantic Ocean	0.34	6.74
Cape Verde, Atlantic Ocean	16.73	337.06
Georgetown, Atlantic Ocean	-7.9	-15.4
Ascension Island, Atlantic Ocean	-7.98	345.59
Matu Grosu MT , Brazil	-14	300
Bahia BA, Brazil	-15	320
Para PA, Brazil	-2	310
Yaounde, Cameroon	3.9	11.5
Chile, Chile	-25	290
Colombia, Colombia	4	286
Kisangani, Congo	0.51	25.21
Brazzaville, Congo	-4.28	15.25
Kinshasa, Congo	-4.42	15.31
Abidjan, Cote d'Ivoire	5.34	356.01
Djibouti NE Africa, Djibouti	11.6	43.14
Helwan, Egypt	29.87	31.32
Bahir-Dar, Ethiopia	11.57	37.39
Addis Ababa, Ethiopia	9.33	38.75
British Indian Ocean Territory, Indian Ocean	-7.5	75
Nairobi (J K Univ), Kenya	-1.09	37.02
Nairobi (Univ of Nairobi), Kenya	-1.27	36.81
Lagos, Nigeria	6.52	3.39
Nsukka, Nigeria	6.86	7.41
Akure, Nigeria	7.2	5.3
Ilorin, Nigeria	8.48	4.67
Jarvis Island, Pacific Ocean	0.2	-165.
Marshal Islands, Pacific Ocean	13	170
Guam, Pacific Ocean	15	140
Peru, Peru	-12	286
Philipines, Philipines	15.	121
Cape Town, South Africa	-33.91	18.37
Hermanus, South Africa	-34.42	19.22
Zanzibar, Tanzania	-6.23	39.21
Kampala, Uganda	0.37	32.56

AWESOME

	GLAT	GLONG
Algiers, Algeria	36.75	3.47
SANAE, Antarctica	-71.67	-2.84
Baku, Azerbaijan	40.36	49.88
Cairo, Egypt	30.01	31.14
Bahir Dar, Ethiopia	11.60	37.38
Suva, Fiji	-18.13	178.42
Iraklio Crete, Greece	35.37	24.93
Kolkata, India	22.56	88.4
Allahabad, India	25.45	81.85
Dublin, Ireland	53.33	-6.25
Tel Aviv, Israel	32.11	34.81
Sebha, Libya	27.03	14.43
Tripoly, Libya	32.88	13.19
Selangor, Malaysia	2.93	101.79
Rabat, Morocco	34.02	-6.48
Swider, Poland	52.12	21.24
Belgrade, Serbia	44.51	20.39
Tunis, Tunisia	36.8	10.18
Elazig, Turkey	38.36	39.28
Sharjah, UAE	25.36	55.39
NASA Goddard Maryland, USA	39	-76.85
Stanford California, USA	37.4	-122.15
Tashkent, Uzbekistan	41.27	69.22
Nha Trang, Vietnam	12.20	109.13

SID

	GLAT	GLONG
Algiers, Algeria	36.7755	3.0597
APO AP, Antarctica	-77.8333	166.36
Vienna, Austria	48.2	16.36
Baku, Azerbaijan	39.4072	48.5844
Baku, Azerbaijan	40.7722	45.5738
Republika Srpska, Bosnia-Herzegovina	44.75	17.1855
Parana, Brazil	-12.6161	-47.8836
Campinas- Sao Paulo, Brazil	-22.79	-47.07
Gavea Rio de Janeiro, Brazil	-22.9843	-43.2453
Stara Zagora (two instruments), Bulgaria	42.4239	25.6249
Koudougou, Burkina Faso	12.247	-2.3658
Binbrook ONT, Canada	43.0911	-79.8430
Ancaster Ontario, Canada	43.2177	-79.9872
Thornhill Ontario, Canada	43.8137	-79.4232
Orleans Ontario, Canada	45.4666	-75.45
Laval QC, Canada	45.5856	-73.6721
Calgary NE Alberta, Canada	51	-114.1
Hinton AB, Canada	53.3957	-117.5881
Santa Rosa, Chile	-40.1763	-72.5606
Guangzhou, China	23.1166	113.25
Sheng Dao, China	35.8216	104.1053
Guo Dao, China	35.8616	104.1953
Beijing (two instruments), China	39.9055	116.3458
Beijing, China	39.92	116.46
Huangsongyu, China	40.2333	117.25
Daqing, China	46.6433	124.8819
Bogota, Colombia	4.6473	-74.0962
Bogota, Colombia	4.7432	-74.0272

SID continued	GLAT	GLONG
Kinshasa, Congo	-4.3	15.3
Kinshasa, Congo	-4.3283	15.3247
Kinshasa, Congo	-4.4916	15.8280
Zagreb, Croatia	45.8150	15.9785
Litomysl, Czech Republic	49.8692	16.3076
Helwan, Egypt	29.8489	31.3342
Cairo, Egypt	30.0571	31.2272
Gonder, Ethiopia	12.6160	37.4699
Jima, Ethiopia	7.9166	40.0333
Addis Ababa, Ethiopia	9.0115	38.7593
Ethiopia, Ethiopia	9.145	40.4896
Addis Ababa, Ethiopia	9	43
Dordogne-Perigord, France	44.7502	0.2469
Mulhouse Cedex, France	47.7494	7.3397
Mulhouse, France	47.75	7.3333
Antony, France	48.7537	2.2971
Konstanz, Germany	47.6713	9.1850
Gilching, Germany	48.1114	11.2963
Neckargemund, Germany	49.3941	8.7986
Mannheim, Germany	49.4846	8.4767
Bochum, Germany	51.4436	7.2638
Bochum, Germany	51.4829	7.2118
Goettingen (six instruments), Germany	51.5263	9.9316
Germany, Germany	52.0341	6.8129
Berlin, Germany	52.5234	13.4114
Walsrode, Germany	52.8659	9.5924
Neustrelitz (two instruments), Germany	53.3641	13.0706
Hamburg, Germany	53.5935	10.0105
Bergen, Germany	54.4198	13.4275
Athens, Greece	37.8152	23.7961
Turkeyen E Coast Demerara, Guyana	6.8132	-58.1153
Maharashtra State, India	16	75
Pune, India	18.5204	73.8566
Maharashtra, India	18.8233	76.9359
Vadodara Gujarat, India	22.19	73.12
Kolkata, India	22.46	88.39
Kolkata, India	22.5726	88.3638
New Delhi, India	28.0666	77.0333
Delhi, India	28.6523	77.2856
Clappana Kollam, India	9.0933	76.4933
Jakarta, Indonesia	-6.2115	106.8451
Dublin (five instruments), Ireland	53.307	-6.2151
Italy, Italy	41.8019	12.5173
Italy, Italy	41.8119	12.5173
Italy, Italy	41.8119	12.5973
Italy, Italy	41.8219	12.5873
Italy, Italy	41.8219	12.5973
Italy, Italy	41.8319	12.5773
Italy, Italy	41.8319	12.5873
Italy, Italy	41.8419	12.5673
Italy, Italy	41.8419	12.5773
Italy, Italy	41.8519	12.5573
Italy, Italy	41.8519	12.5673
Italy, Italy	41.8619	12.5473
Italy, Italy	41.8619	12.5573
Italy, Italy	41.8719	12.5373
Italy, Italy	41.8719	12.5473
Italy, Italy	41.8819	12.5273

SID continued	GLAT	GLONG
Italy, Italy	41.8819	12.5373
Italy, Italy	41.8919	12.5173
Italy, Italy	41.8919	12.5273
Assisi, Italy	43.0666	12.6166
Imperia, Italy	43.9	8.3
Finale Ligure, Italy	44.17	8.35
Camogli, Italy	44.35	9.15
Genova, Italy	44.42	8.92
Fossano, Italy	44.55	7.73
Saluzzo, Italy	44.65	7.47
Torre Pellice, Italy	44.82	7.22
Torino, Italy	45.0706	7.6867
Cairo Montenotte, Italy	45.38	8.35
Arona Novara, Italy	45.45	8.6
Verbania Pallanza, Italy	45.93	8.55
Juja, Kenya	-1.1031	37.0234
Nairobi, Kenya	-1.2743	36.8131
Nairobi, Kenya	-1.2743	36.8731
Lebanon (six instruments), Lebanon	33.8517	35.8422
Sebha, Libya	27.0006	14.4636
Coyoacan, Mexico	19.406	-99.15
Ciudad de Mexico, Mexico	19.5392	-99.1468
Mexico, Mexico	25.7465	-100.3053
Hermosillo Sonora, Mexico	29.0891	-110.9613
Ulaanbaatar (ten instruments), Mongolia	47.9038	106.992
Maputo, Mozambic	-25.9686	32.5804
Windhoek, Namibia	-22.5749	17.0805
Amsterdam, Netherlands	52.3738	4.8909
Dargaville, New Zealand	-35.9383	173.8717
New Zeland, New Zealand	-36.8530	174.7676
Huirangi, New Zealand	-39.0535	174.2489
Nigeria, Nigeria	9.0119	8.6252
Nigeria, Nigeria	9.0819	8.6652
Lagos, Nigeria	3.4	6.52
Lagos, Nigeria	6.4473	3.4393
Lagos, Nigeria	6.4849	3.3802
Obudu, Nigeria	6.6699	9.1707
Ilorin, Nigeria	6.7992	5.2949
Ijebu-Ode, Nigeria	6.8072	3.9106
Nsukka, Nigeria	6.8567	7.3959
Nsukka Enugu State, Nigeria	6.86	7.81
Akungba - Akoko, Nigeria	7.0763	4.8359
Ife, Nigeria	7.4729	4.5558
Oyo, Nigeria	7.8318	3.9373
Ota, Nigeria	7.9452	4.7888
Osun, Nigeria	7.9833	5.0833
Abuja, Nigeria	9.0580	7.4890
Nigeria, Nigeria	9.0819	8.6552
Porto, Portugal	41.1499	-8.6102
Gurabo, Puerto Rico	18.2538	-65.9760
San Juan, Puerto Rico	18.4664	-66.1183
Bucharest, Romania	44.4479	26.0978
Timisoara, Romania	45.7479	21.2251
Dakar, Senegal	14.6953	-17.4439
Belgrade, Serbia	44.8047	20.4781
Hurbanovo, Slovakia	47.8742	18.1866
Johannesburg, South Africa	-26.1951	28.0339
Henley on Klip, South Africa	-26.5333	28.0666

SID continued	GLAT	GLONG
Durban, South Africa	-29.853	31.0164
Howick, South Africa	-30.2093	29.4795
South Africa, South Africa	-30.5594	22.9375
Matieland, South Africa	-33.8806	18.6799
Cape Town, South Africa	-33.916	18.4222
Hermanus, South Africa	-34.4096	19.2886
Busan, South Korea	35.1403	129.0628
Piliyandala, Sri Lanka	6.7980	79.9263
Switzerland, Switzerland	46.8181	8.2275
Bangkok, Thailand	13.7573	100.5020
Mahidol Univ, Thailand	13.7643	100.5256
Chiang Mai, Thailand	16.2419	103.8135
Tunis, Tunisia	36.8117	10.1761
Tunisia, Tunisia	36.8117	10.1861
Elazig, Turkey	39.12	38.40
Istanbul , Turkey	41.0634	29.0603
Kampala, Uganda	0.3133	32.5713
British Virgin Islands, UK	18.4206	-64.6399
Kent, UK	51.1963	0.7427
Dorking Surrey, UK	51.2329	-0.3297
Kingsclere Newbury, UK	51.3238	1.2420
Herfordshire, UK	51.9021	0.1994
Nottinghamshire, UK	53.13	+1.2
Montevideo, Uruguay	-34.8541	-56.0674
Montevideo, Uruguay	-34.8941	-56.0974
Montevideo, Uruguay	-34.8985	-56.1216
Culver City CA, USA	34.0042	-118.3934
Hixson TN, USA	35.1405	-85.2327
Castro Valley CA, USA	37.7988	-122.1616
Racine WI, USA	44.7409	-88.4521
US Virgin Islands, USA	17.7365	-64.7362
US Virgin Islands, USA	18.3507	-64.9359
Pukalani HI, USA	20.8336	-156.3336
Honolulu HI, USA	21.2963	-157.8212
Melbourne FL, USA	28.0933	-80.6175
Chiefland FL, USA	29.4749	-82.8598
Sequin TX, USA	29.5695	-97.9815
Richmond TX, USA	29.5799	-95.7670
Sugar Land TX, USA	29.6065	-95.6132
Houston TX, USA	29.7180	-95.4029
Alachua FL, USA	29.7516	-82.4248
High Springs FL, USA	29.8369	-82.6213
Boerne TX, USA	29.985	-98.9080
Gulf HS FLorida, USA	30.4223	-86.8584
Georgetown TX, USA	30.6345	-97.6651
Amite Louisiana, USA	30.7224	-90.5067
San Antonio Texas, USA	31.1690	-100.0768
Sonoita AZ, USA	31.6089	-110.6017
Brandon MS, USA	32.2730	-89.9858
Las Cruces NM, USA	32.31	-106.78
Haltom City TX, USA	32.8328	-97.2781
Commerce TX, USA	33.2367	-95.8984
Maylene AL, USA	33.2463	-86.8520
Kenya/US, USA	33.4752	-112.0693
Antioch CA, USA	33.6172	-112.1368
Antioch CA, USA	33.6172	-112.1668
Lakewood CA, USA	33.8897	-118.1849
Morongo Valley CA, USA	34.0999	-116.5257

SID continued	GLAT	GLONG
Blythewood SC, USA	34.2143	-80.9739
Ojai CA, USA	34.4668	-119.1774
Prescott AZ, USA	34.5388	-112.46
Huntsville AL, USA	34.6821	-86.5686
Sedona AZ, USA	34.7133	-111.8101
Normal AL, USA	34.7927	-86.5720
Hixson TN, USA	35.1406	-85.2327
Memphis TN, USA	35.1494	-90.0488
Atlanta GA, USA	35.3980	-83.1076
Hixon TN, USA	35.4463	-85.8092
Bethany OK, USA	35.5116	-97.6625
Knoxville TN, USA	35.57	-83.55
Knoxville TN, USA	35.83	-84.62
Murfreesboro TN, USA	35.8455	-86.3902
Greenboro NC, USA	35.8580	-80.1872
Karns Tennessee, USA	35.9686	-84.1233
Chaco Canyon NM, USA	36.0602	-107.9670
Todd NC, USA	36.312	-81.5944
Elk Creek VA, USA	36.7384	-81.1883
Hopkinsville KY, USA	36.8497	-87.4370
Hopkinsville KY, USA	36.8497	-87.4870
Bowling Green KY, USA	36.9683	-86.4219
California, USA	37.2691	-119.3166
California, USA	37.2691	-119.3466
California, USA	37.2691	-119.3666
San Jose CA, USA	37.3394	-121.8938
Sunnyvale CA, USA	37.3691	-122.0368
Stanford CA, USA	37.4094	-122.1777
Stanford CA, USA	37.4394	-122.1477
Palo Alto CA, USA	37.4419	-122.1419
Stanford CA, USA	37.4494	-122.1677
Fremont CA, USA	37.5	-121.9
Hayward CA, USA	37.6688	-122.0808
Castro Valley CA, USA	37.7108	-122.0739
San Leandro CA, USA	37.7174	-122.1431
Hayward CA, USA	37.7702	-122.1505
Oakland CA, USA	37.8187	-122.1806
Oakland CA, USA	37.8189	-122.1812
Hayward CA, USA	37.9415	-121.9773
Pueblo CO, USA	38.2641	-104.6222
Salina KS, USA	38.4920	-97.3655
Wheelersburg OH, USA	38.7212	-82.8556
Springfield VA, USA	38.767	-77.2
S Webster OH (two instruments), USA	38.8088	-82.7711
Alexandria VA, USA	38.819	-77.169
Chantilly VA, USA	38.8963	-77.4780
Cambridge MA, USA	38.9269	-77.0375
Annapolis MD, USA	38.9762	-76.4954
Greenbelt MD, USA	38.9939	-76.8455
Greenbelt MD, USA	38.9939	-76.8755
Colorado, USA	38.9979	-105.5508
Silver Springs MD, USA	39.05	-77.08
Cincinnati OH, USA	39.0665	-84.3498
Loudoun County Virginia, USA	39.0854	-77.6451
Woodstock MD, USA	39.3527	-76.8376
Reisterstown MD, USA	39.419	-76.781
Holton KS, USA	39.4634	-95.7418
Colorado, USA	39.7550	-104.9981

SID continued	GLAT	GLONG
Arvada CO, USA	39.8027	-105.0869
Arvada CO, USA	39.8158	-105.085
Lafayette CO, USA	39.9936	-105.0891
Boulder CO, USA	40.0104	-105.2768
Boulder CO, USA	40.0104	-105.2868
Boulder CO, USA	40.0104	-105.2968
Longmont CO, USA	40.1778	-105.0977
Ft Collins CO, USA	40.508	-105.085
Tarentum PA, USA	40.6033	-79.7317
Tarentum PA, USA	40.6033	-79.7617
Montvale NJ, USA	40.6043	-74.1527
Manhasset NY, USA	40.6617	-73.4975
Brooklyn NY, USA	40.6752	-73.9710
Red Hook NY, USA	40.6921	-73.9855
Floral Park NY, USA	40.7236	-73.7052
New York, USA	40.7560	-73.9869
Salt Lake City UT, USA	40.7715	-111.8881
Selden NY, USA	40.7959	-73.2746
Manhasset NY, USA	40.7978	-73.6995
Lincoln NE, USA	40.799	-96.664
New York, USA	40.8363	-73.8603
Southold NY, USA	41.0584	-72.4289
Mahwah NJ, USA	41.0887	-74.1437
Pennsylvania, USA	41.1179	-77.6046
Parkway Center City PA, USA	41.2586	-73.6855
Logan UT, USA	41.7436	-111.8089
Illinois, USA	42.0314	-88.1992
Phoenix OR, USA	42.2759	-122.8175
Ann Arbor MI, USA	42.2812	-83.7484
Harbor Massachusetts, USA	42.3191	-71.0459
Boston MA, USA	42.3501	-71.1069
Cambridge MA, USA	42.3753	-71.1184
Cambridge MA, USA	42.3926	-71.1128
Grants Pass OR, USA	42.4191	-123.4221
Concord MA, USA	42.4488	-71.3470
Wendell MA, USA	42.5484	-72.3970
Okemos MI, USA	42.6828	-84.4549
Berkley MI, USA	42.7136	-83.3175
Loudonville NY, USA	42.7183	-73.7534
Rochester NY, USA	43.1541	-77.6192
Baraboo WI, USA	43.4690	-89.7443
Souix Falls SD, USA	43.5302	-96.7355
Chippewa Hills Michigan, USA	43.6613	-85.1763
Owls Head ME, USA	44.0588	-69.1055
Leeds ME, USA	44.2	-70.08
Leeds ME, USA	44.3034	-70.1191
St Johnsbury VT, USA	44.4113	-72.0189
Eagan MN, USA	44.8125	-93.2083
Portland OR, USA	45.5648	-122.8346
Bozeman MT, USA	45.6678	-111.0472
Sula MT, USA	45.8902	-114.0611
Cloquet MN, USA	46.7143	-92.4913
Seattle WA, USA	47.7205	-122.3639
Scotland, USA	57.4721	-3.2198
Kipnuk AK, USA	59.9169	-164.0156
Ankorage AK, USA	61.1996	-149.9563
Wasilla AK, USA	61.5538	-149.3497
Fairbanks AK, USA	64.8492	-147.8206

SID continued	GLAT	GLONG
Tashkent, Uzbekistan	41.19	69.17
Lusaka, Zambia	-15.4	28.2833
Lusaka, Zambia	-15.4145	28.2809