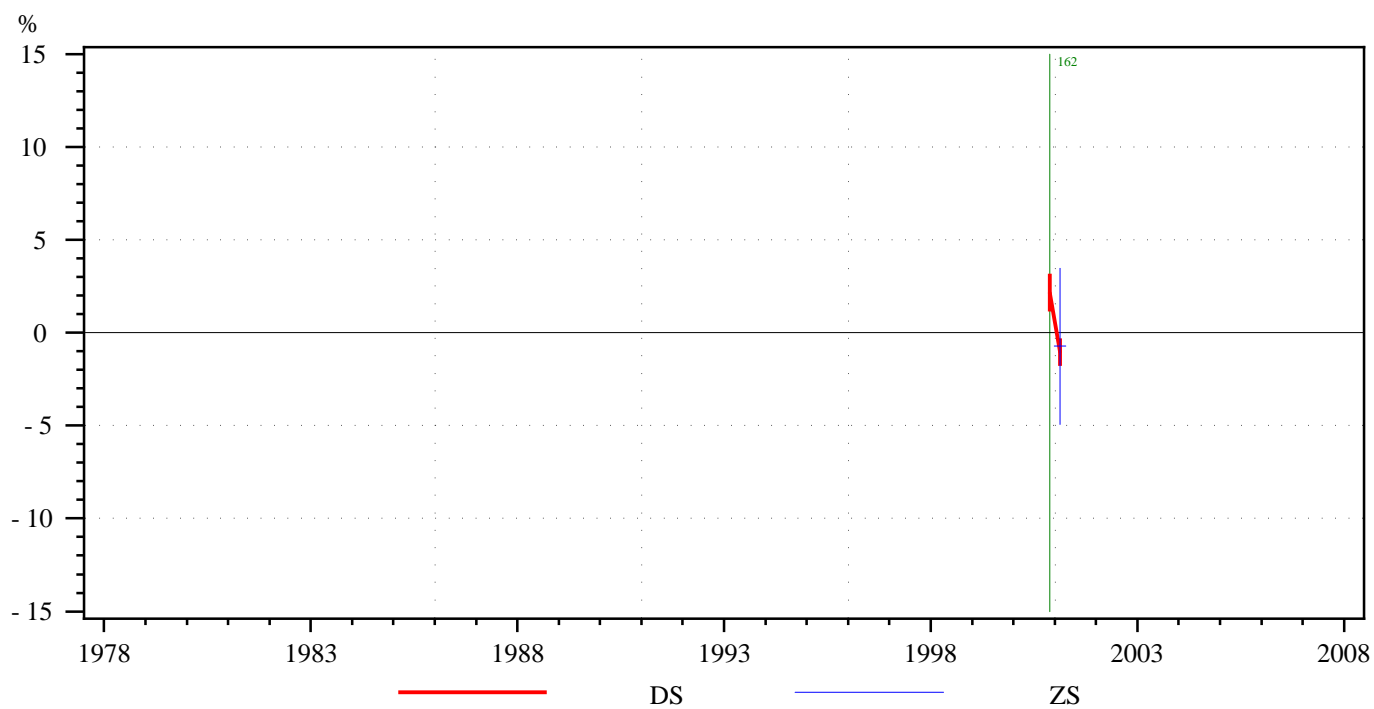
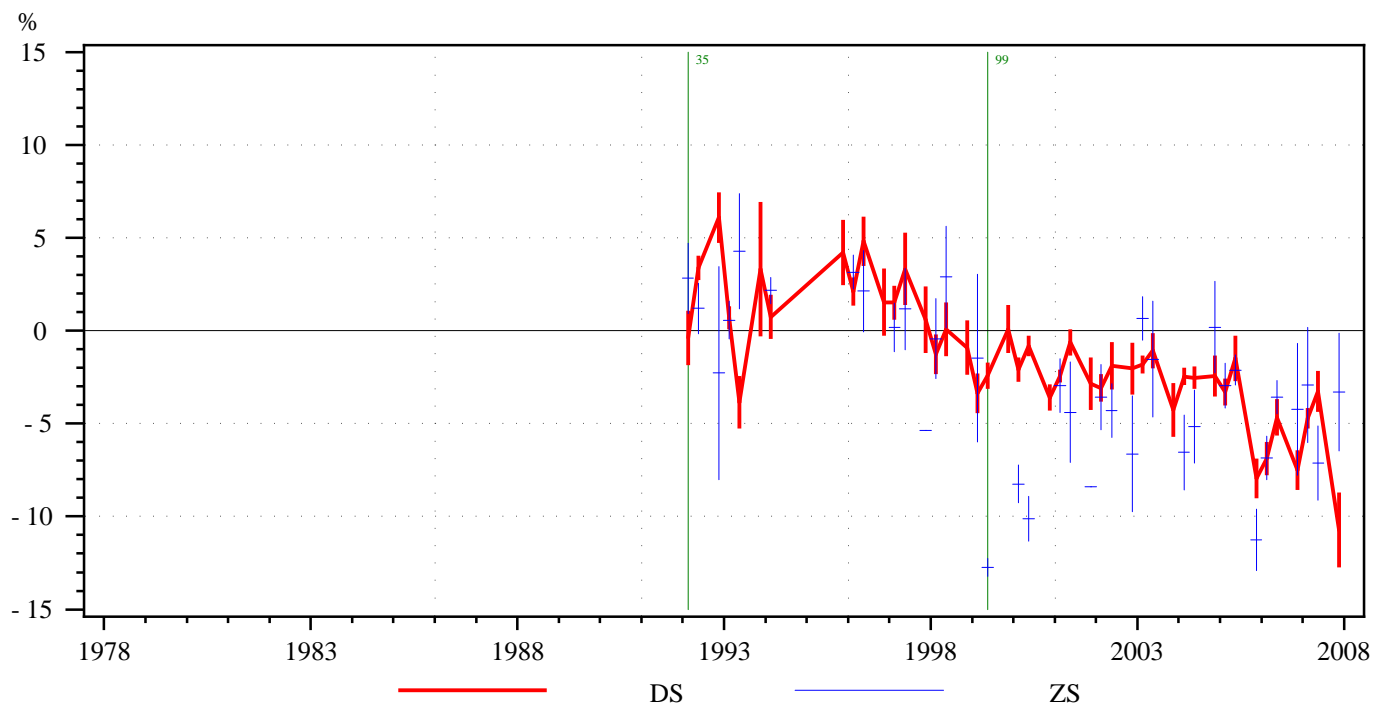


427 DOCTOR SOBRAL, 81S, 41W, Brewer



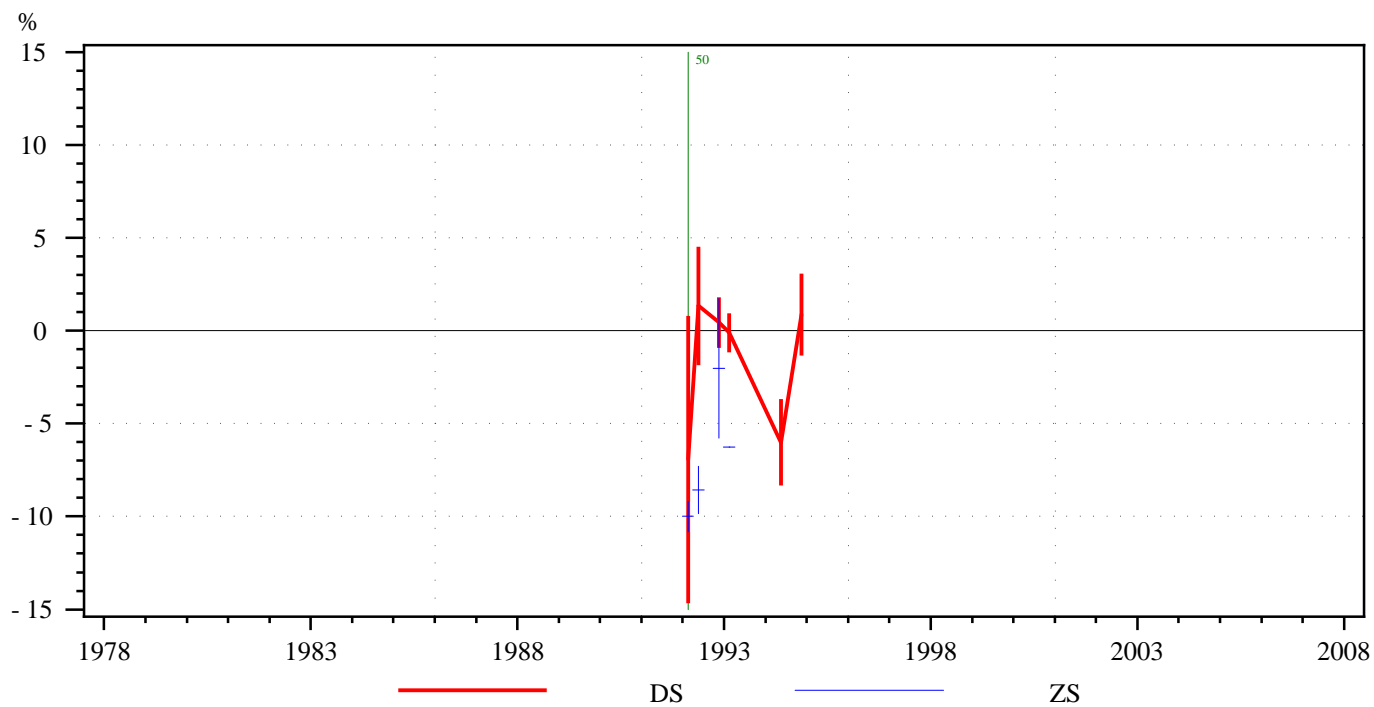
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	45	.	45	0
	Bias	.	.	.	0.32	.	0.32	0
	Daily sigma	.	.	.	2.55	.	2.55	0
	Monthly sigma	.	.	.	2.28	.	2.28	0

314 BELGRANO II, 78S, 35W, Brewer



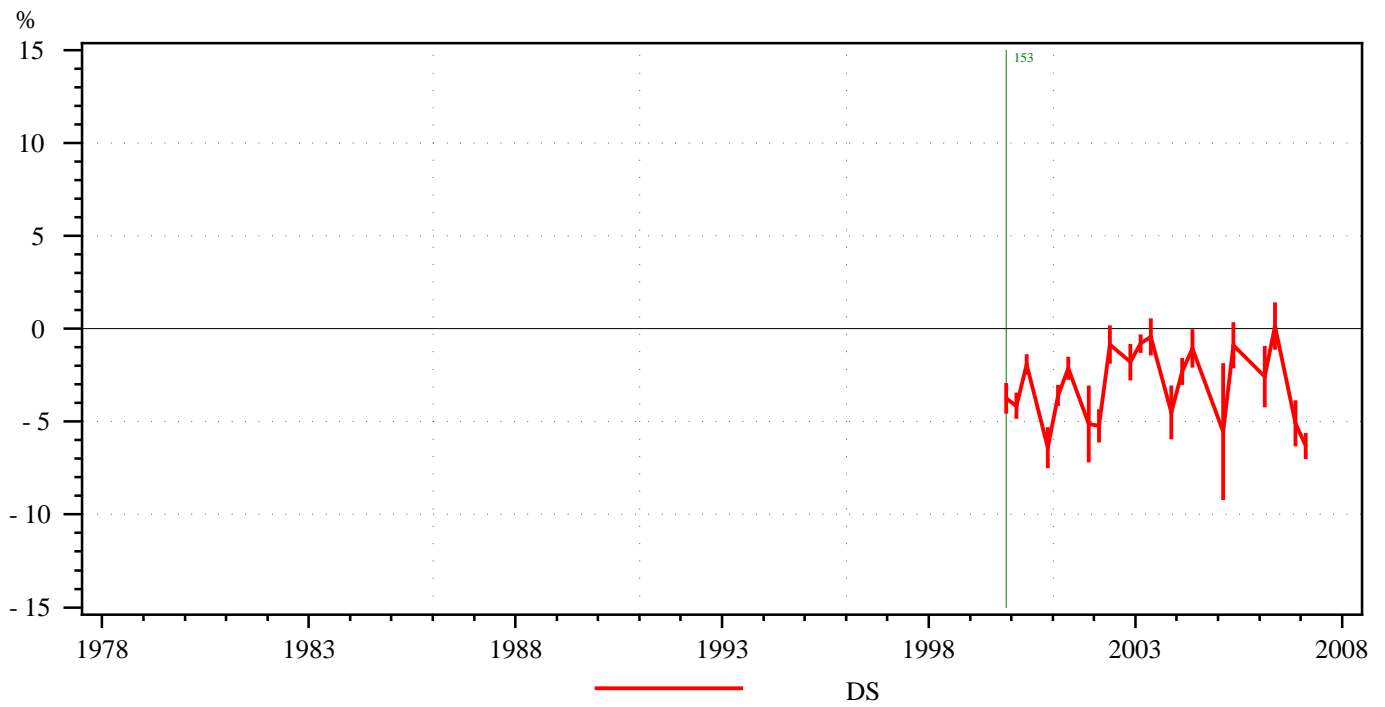
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	284	549	770	534.33	486
	Bias	.	.	2.11	-0.49	-3.73	-0.7	5.84
	Daily sigma	.	.	4.42	4.91	4.01	4.45	0.9
	Monthly sigma	.	.	1.74	3.28	2.48	2.5	1.54
	Seasonal ampl.	.	.	.	3.15	1.3	2.22	1.86
	Annual range	.	.	1.98	4.54	4.07	3.53	2.55
ZS	Number of days	.	.	50	136	242	142.67	192
	Bias	.	.	0.89	-1.73	-4.16	-1.67	5.05
	Daily sigma	.	.	4.95	6.52	5.92	5.8	1.57
	Monthly sigma	.	.	1.4	3.71	5.01	3.37	3.62

324 SCOTT BASE, 78S, 166E, Brewer



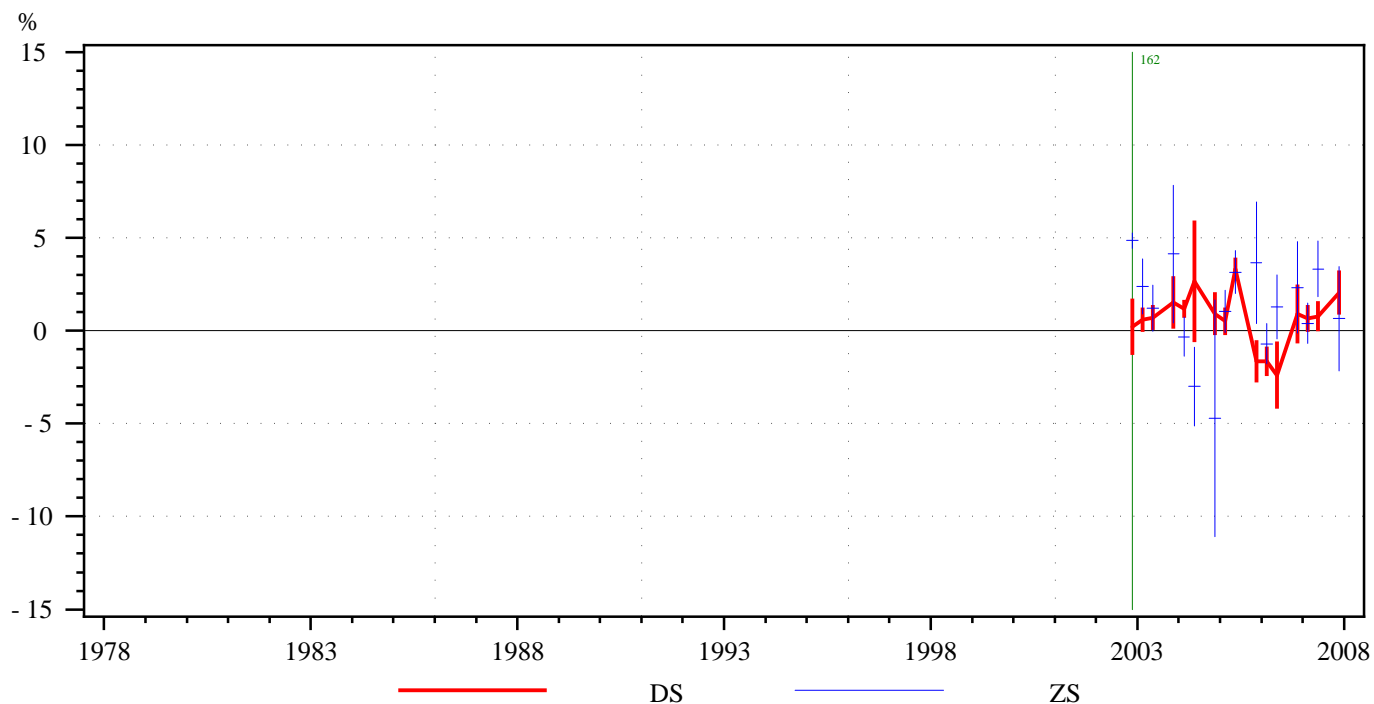
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	131	.	.	131	0
	Bias	.	.	-2.19	.	.	-2.19	0
	Daily sigma	.	.	8.09	.	.	8.09	0
	Monthly sigma	.	.	5.59	.	.	5.59	0
	Annual range	.	.	5.38	.	.	5.38	0
ZS	Number of days	.	.	20	.	.	20	0
	Bias	.	.	-8.83	.	.	-8.83	0
	Daily sigma	.	.	9.77	.	.	9.77	0

400 MAITRI, 70S, 11E, Brewer



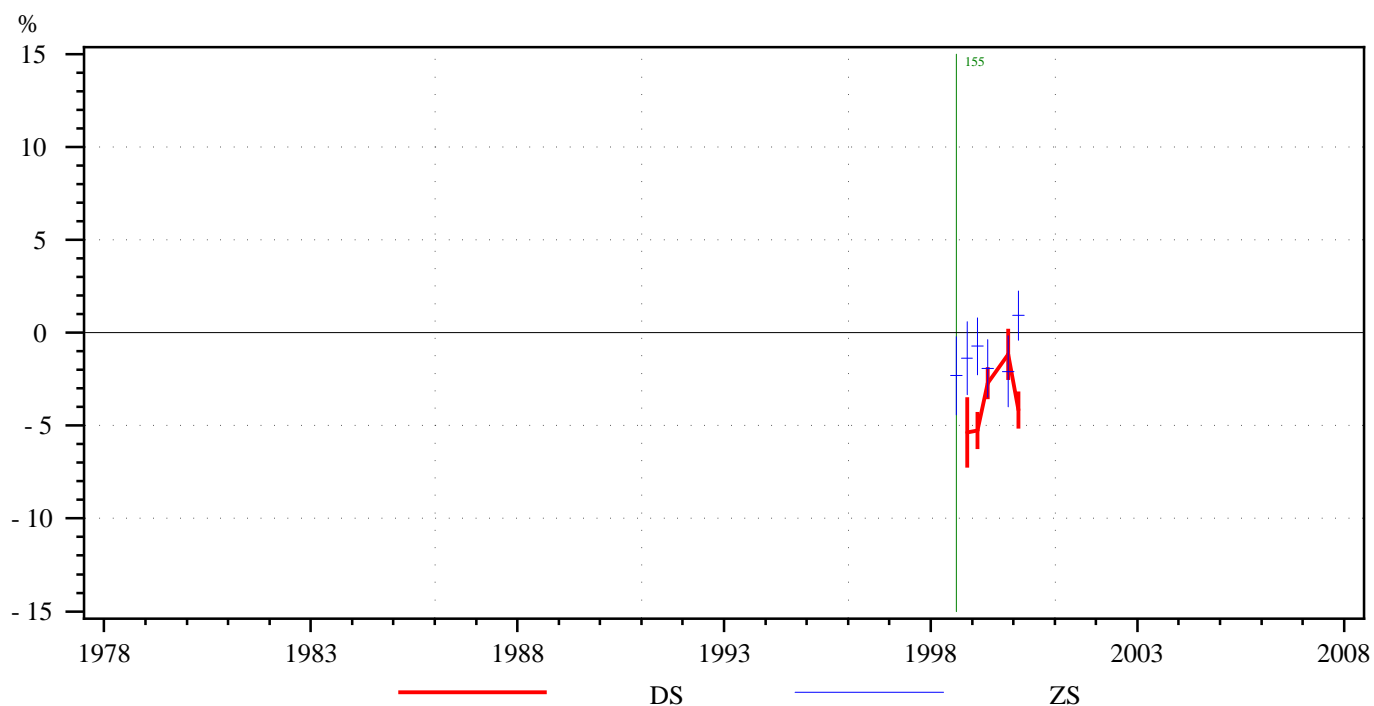
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	244	483	363.5	239
	Bias	.	.	.	-4.34	-2.99	-3.67	1.35
	Daily sigma	.	.	.	4.13	3.89	4.01	0.24
	Monthly sigma	.	.	.	2.29	2.75	2.52	0.47
	Seasonal ampl.	.	.	.	.	3.12	3.12	0
	Annual range	.	.	.	0.45	2.81	1.63	2.36

454 SAN MARTIN, 68S, 67W, Brewer



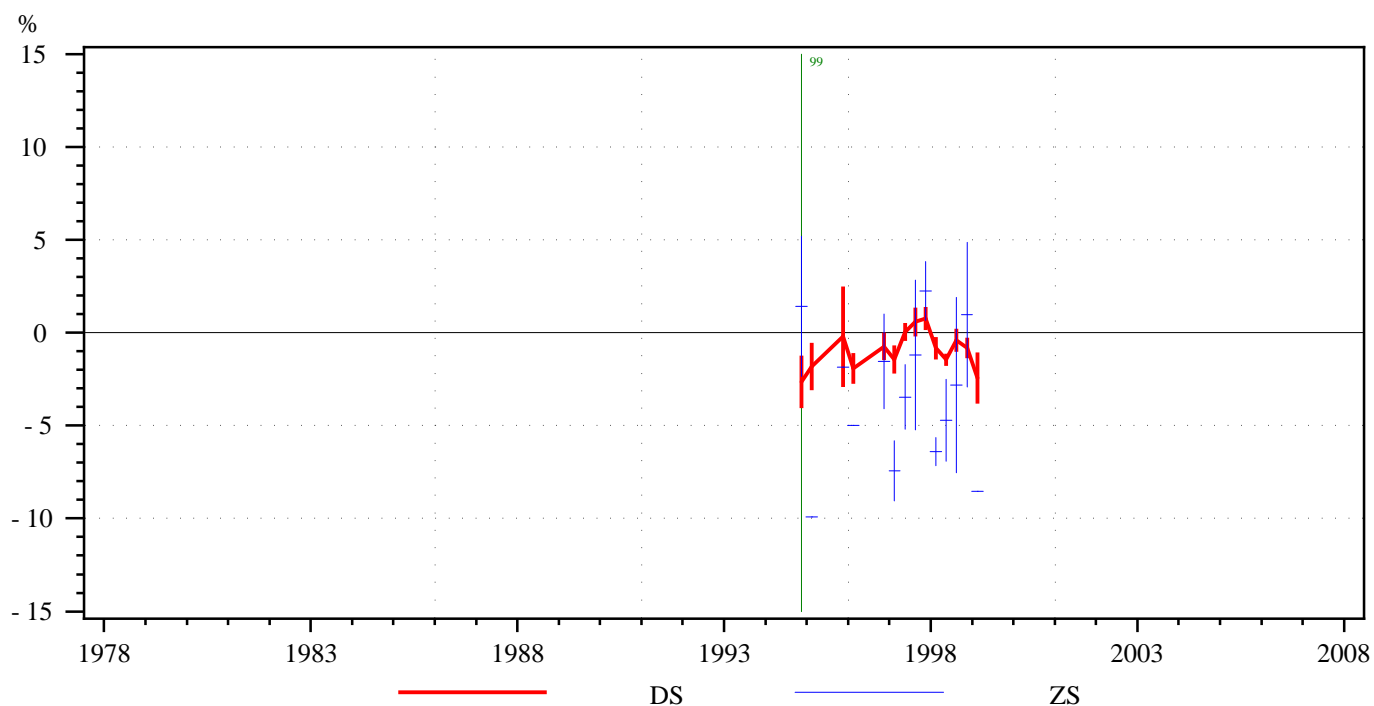
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	.	697	697	0
	Bias	.	.	.	.	0.4	0.4	0
	Daily sigma	.	.	.	.	4.06	4.06	0
	Monthly sigma	.	.	.	.	2.33	2.33	0
	Seasonal ampl.	.	.	.	.	0.79	0.79	0
	Annual range	.	.	.	.	1.55	1.55	0
ZS	Number of days	.	.	.	.	158	158	0
	Bias	.	.	.	.	0.02	0.02	0
	Daily sigma	.	.	.	.	10.24	10.24	0
	Monthly sigma	.	.	.	.	7.94	7.94	0

351 KING GEORGE ISLAND, 62S, 59W, Brewer



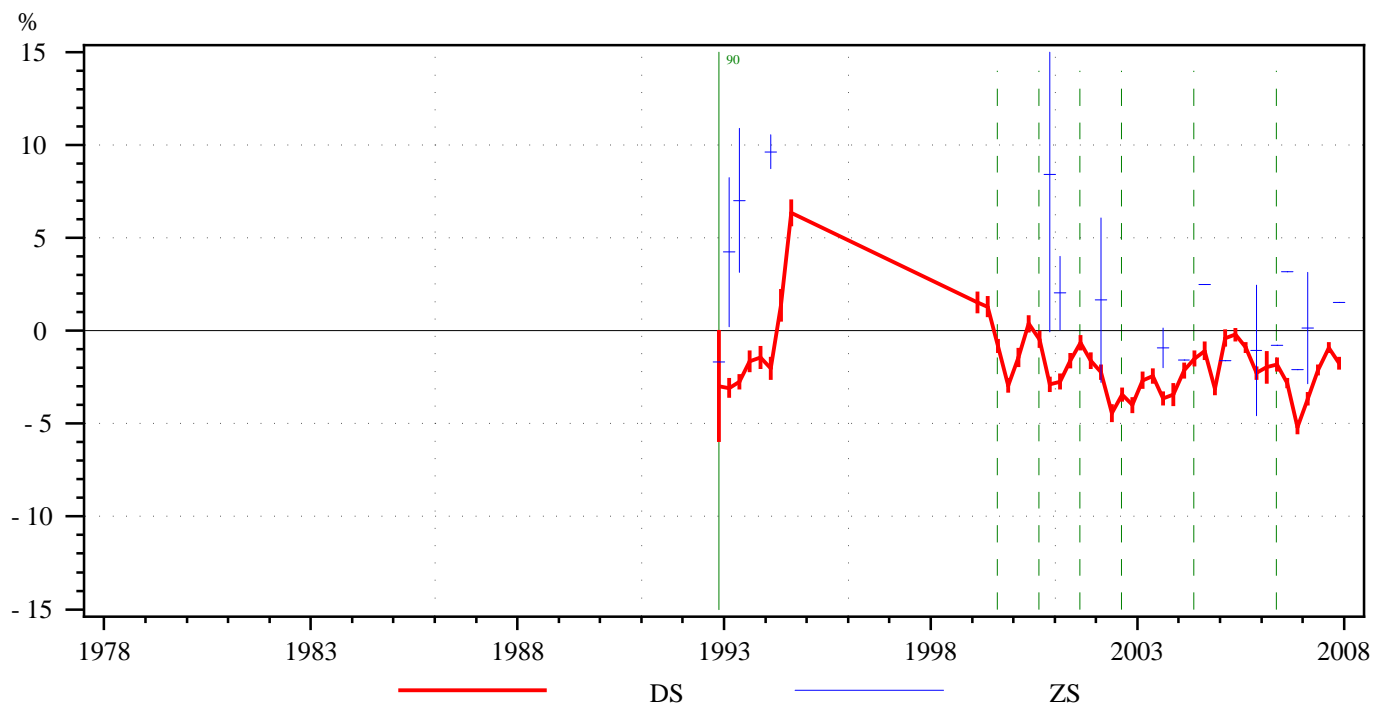
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	188	.	188	0
	Bias	.	.	.	-5.1	.	-5.1	0
	Daily sigma	.	.	.	6.55	.	6.55	0
	Monthly sigma	.	.	.	2.95	.	2.95	0
	Annual range	.	.	.	3.17	.	3.17	0
ZS	Number of days	.	.	.	128	.	128	0
	Bias	.	.	.	-2.12	.	-2.12	0
	Daily sigma	.	.	.	5.69	.	5.69	0
	Monthly sigma	.	.	.	3.31	.	3.31	0

399 USHUAIA II, 55S, 68W, Brewer



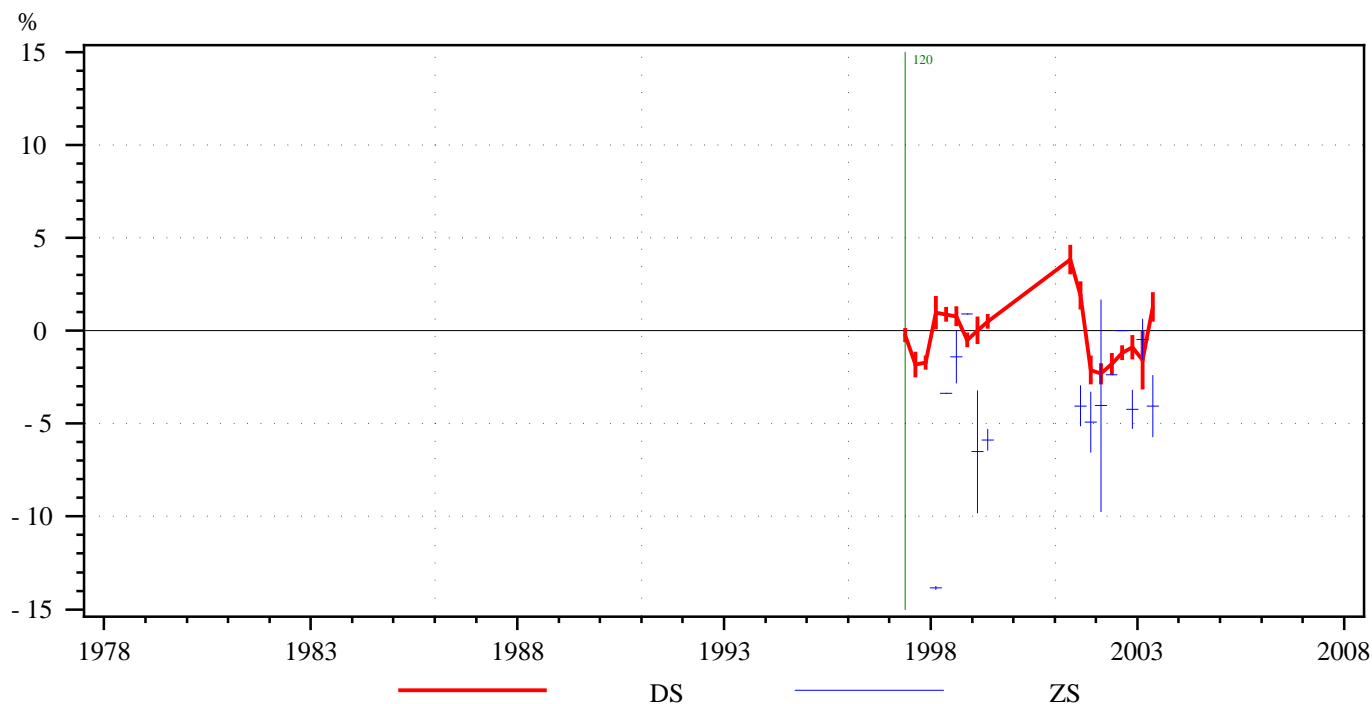
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	65	533	.	299	468
	Bias	.	.	-2.25	-0.56	.	-1.4	1.7
	Daily sigma	.	.	5	2.44	.	3.72	2.55
	Monthly sigma	.	.	0.8	1.17	.	0.99	0.37
	Seasonal ampl.	.	.	.	1.21	.	1.21	0
	Annual range	.	.	.	1.11	.	1.11	0
ZS	Number of days	.	.	.	100	.	100	0
	Bias	.	.	.	-3.8	.	-3.8	0
	Daily sigma	.	.	.	5.17	.	5.17	0
	Monthly sigma	.	.	.	2.29	.	2.29	0

322 PETALING JAYA, 3N, 102E, Brewer



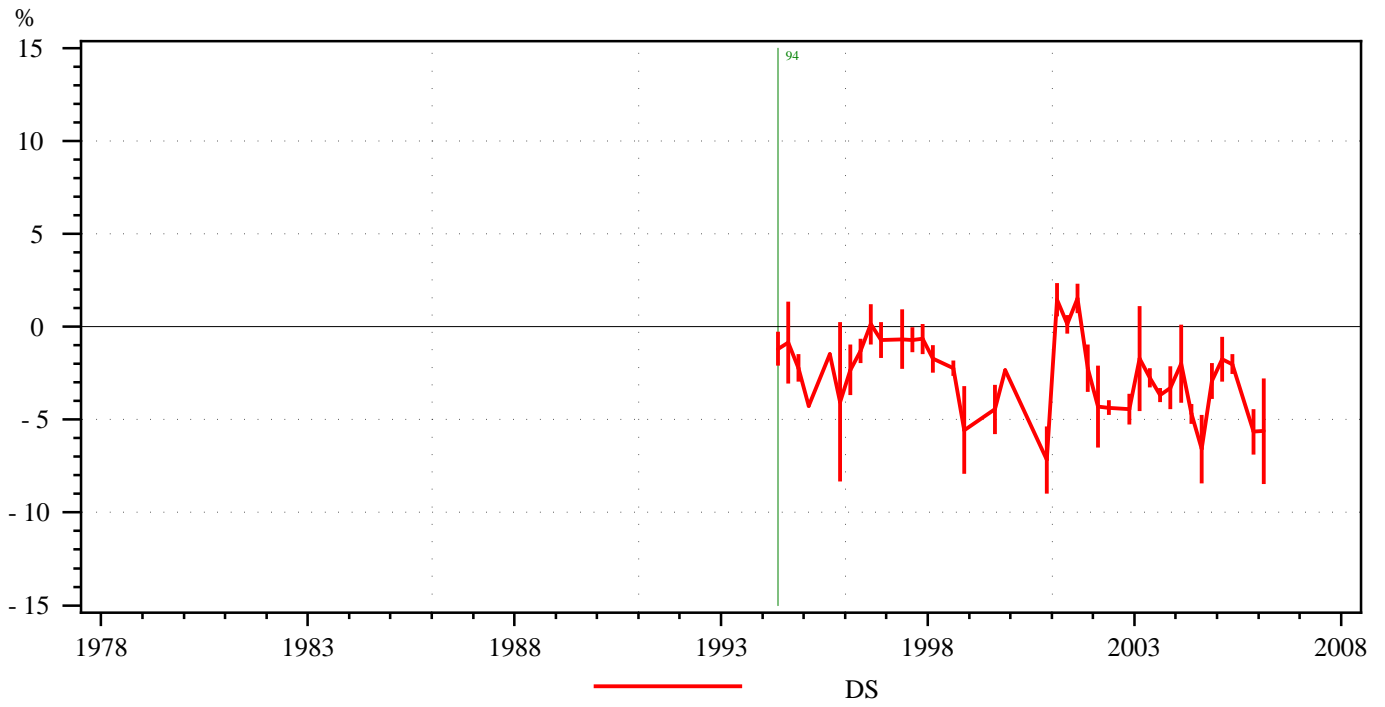
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	446	586	1718	916.67	1272
	Bias	.	.	-0.86	-1.13	-2.36	-1.45	1.5
	Daily sigma	.	.	3.88	2.42	2.2	2.83	1.68
	Monthly sigma	.	.	3.13	1.7	1.47	2.1	1.66
	Seasonal ampl.	.	.	0.91	1.9	0.61	1.14	1.29
	Annual range	.	.	7.18	0.03	2.61	3.27	7.15
ZS	Number of days	.	.	15	.	23	19	8
	Bias	.	.	6.82	.	0.27	3.54	6.55
	Daily sigma	.	.	5.57	.	3.08	4.33	2.49

345 SONGKHLA, 7N, 101E, Brewer



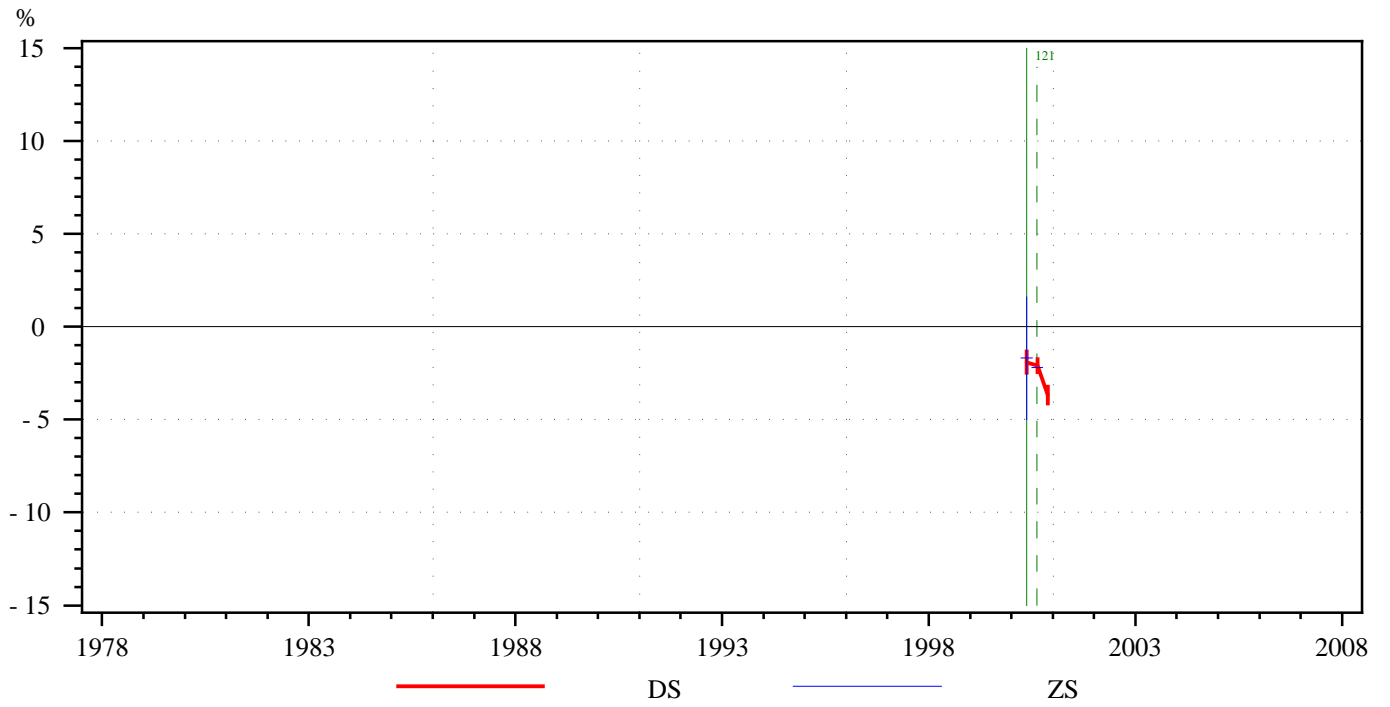
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	532	441	486.5	91
	Bias	.	.	.	-0.04	-0.68	-0.36	0.64
	Daily sigma	.	.	.	2.31	3	2.65	0.69
	Monthly sigma	.	.	.	1.53	1.92	1.73	0.39
	Seasonal ampl.	.	.	.	1.09	1.81	1.45	0.72
	Annual range	.	.	.	1.75	1	1.38	0.75
ZS	Number of days	.	.	.	16	60	38	44
	Bias	.	.	.	-6.94	-0.65	-3.8	6.29
	Daily sigma	.	.	.	5.7	8.56	7.13	2.86
	Monthly sigma	.	.	.	.	1.55	1.55	0

008 KODAIKANAL, 10N, 77E, Brewer



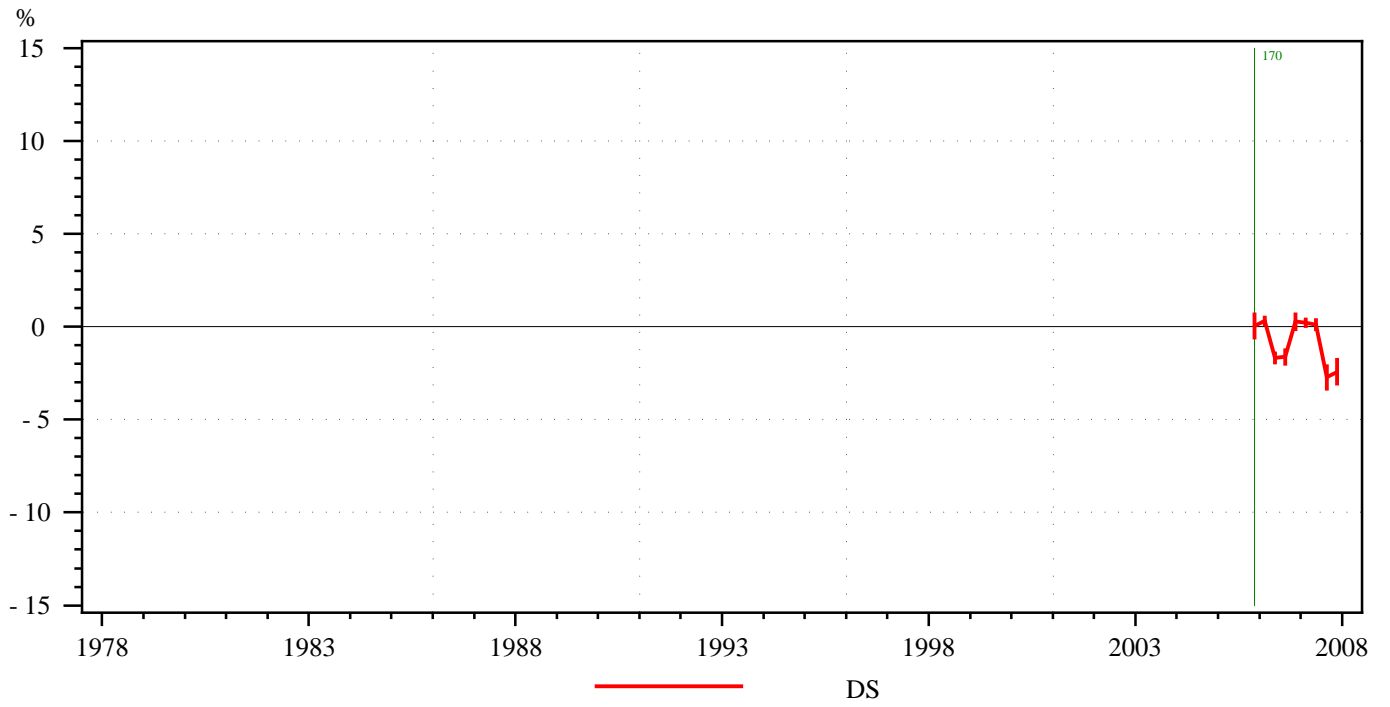
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	59	132	297	162.67	238
	Bias	.	.	-1.79	-1.43	-2.42	-1.88	0.99
	Daily sigma	.	.	3.14	2.34	2.85	2.78	0.8
	Monthly sigma	.	.	1.49	1.73	2.04	1.75	0.55
	Annual range	.	.	.	.	2.5	2.5	0

216 BANGKOK, 14N, 101E, Brewer



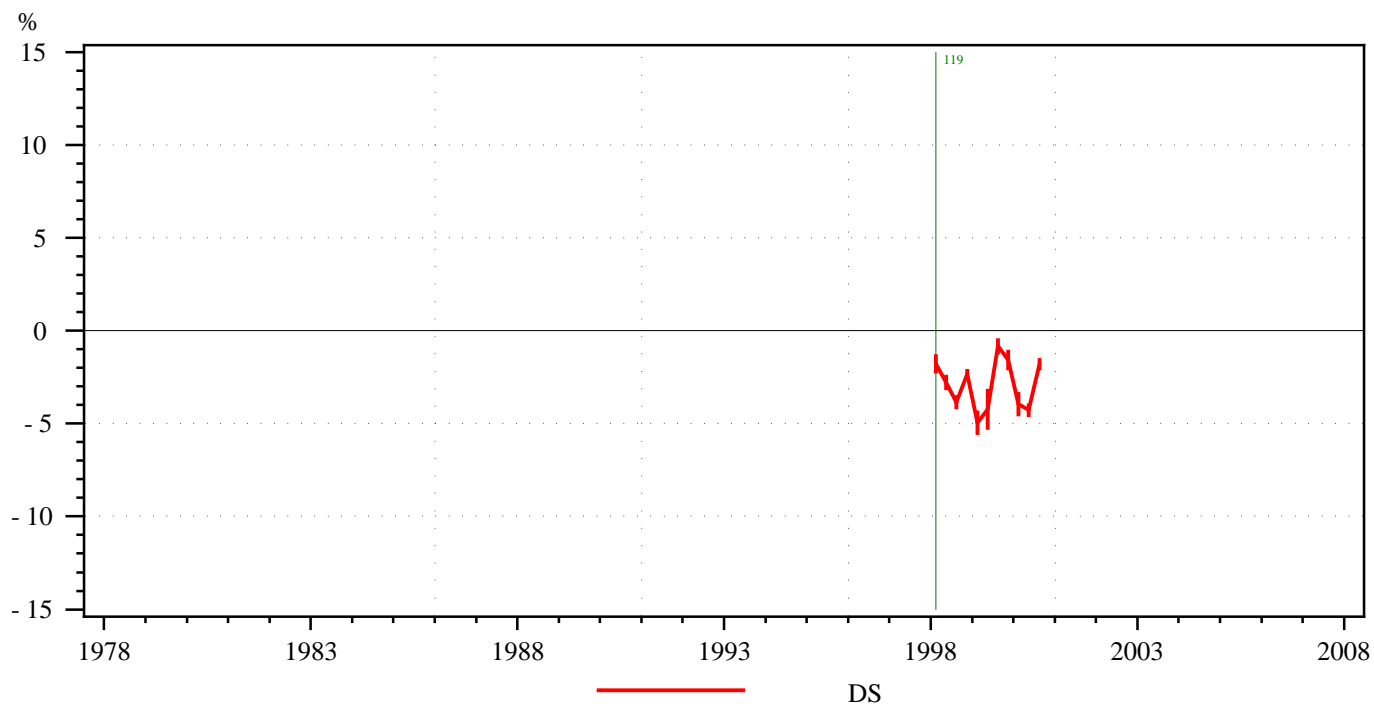
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	167	.	167	0
	Bias	.	.	.	-2.56	.	-2.56	0
	Daily sigma	.	.	.	4.08	.	4.08	0
	Monthly sigma	.	.	.	1.38	.	1.38	0

187 POONA, 19N, 74E, Brewer



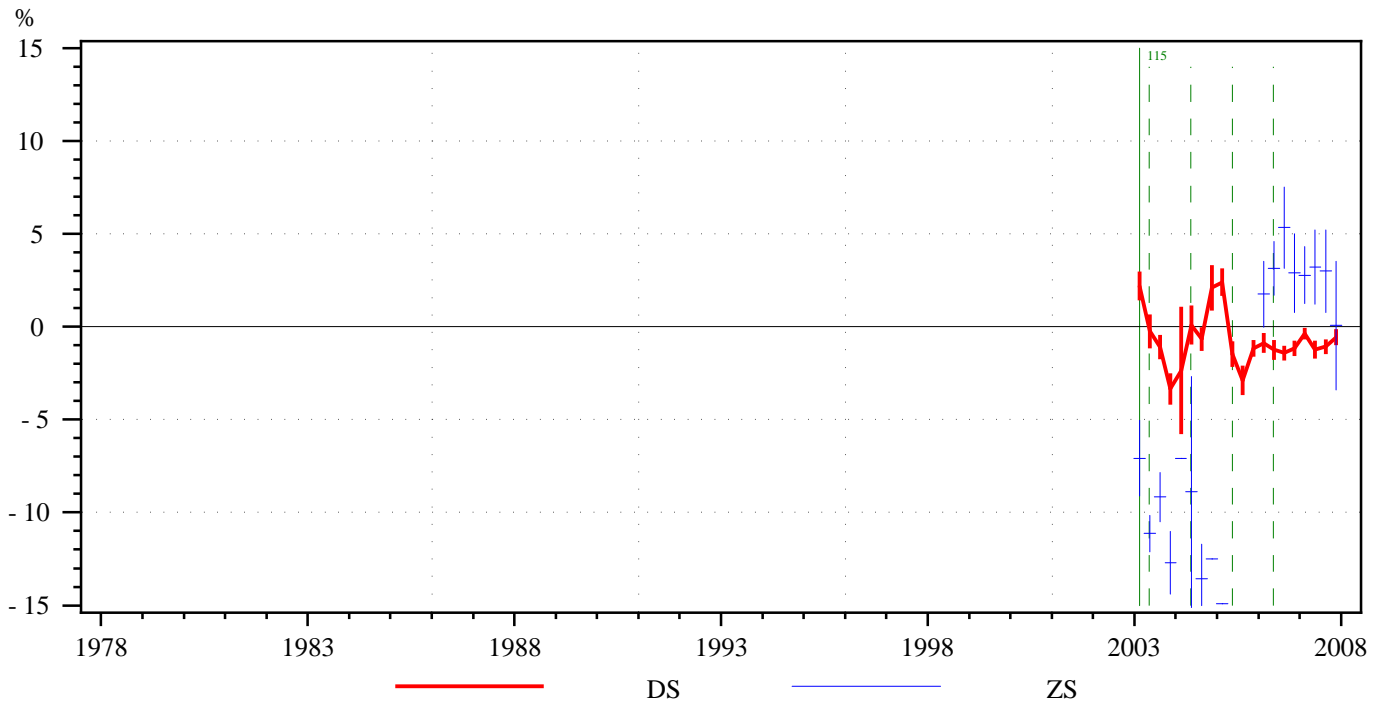
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	.	335	335	0
	Bias	.	.	.	.	-0.54	-0.54	0
	Daily sigma	.	.	.	.	1.75	1.75	0
	Monthly sigma	.	.	.	.	1.11	1.11	0
	Seasonal ampl.	.	.	.	.	1.03	1.03	0
	Annual range	.	.	.	.	1.43	1.43	0

031 MAUNA LOA, 20N, 156W, Brewer



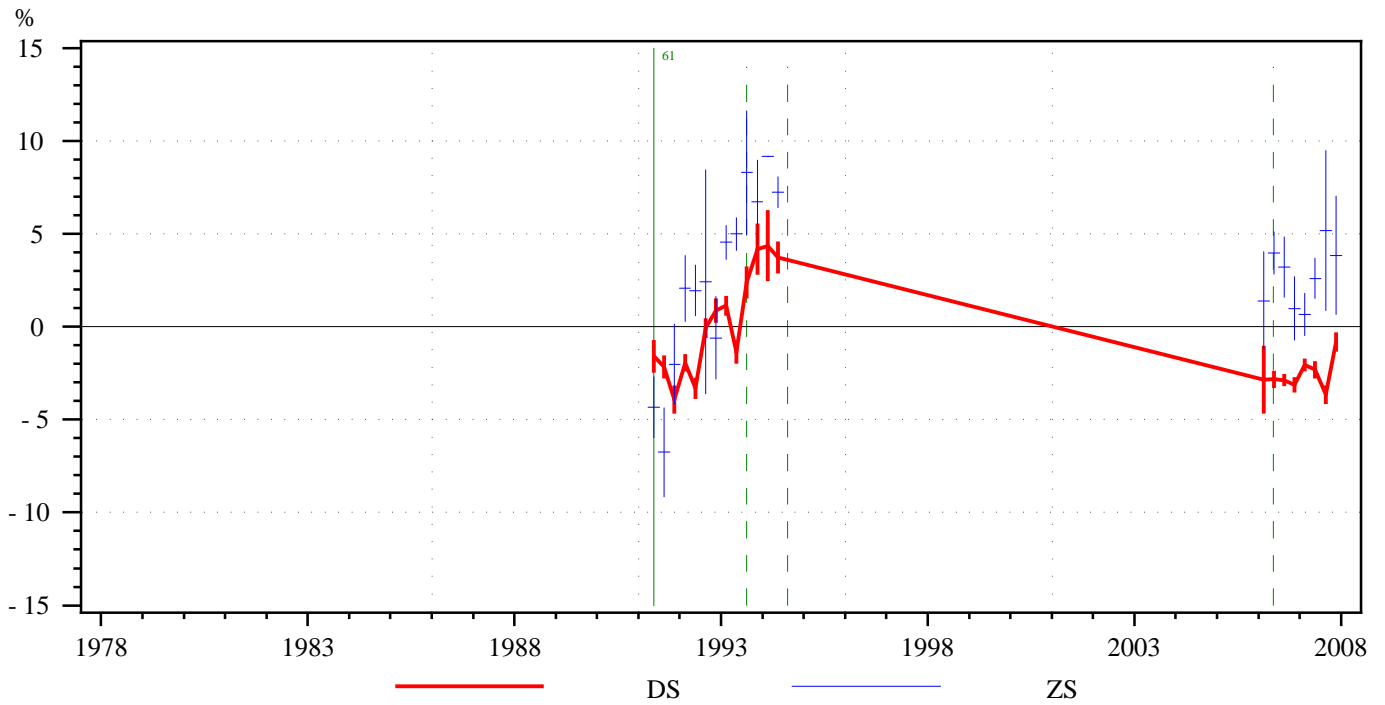
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	594	.	594	0
	Bias	.	.	.	-2.85	.	-2.85	0
	Daily sigma	.	.	.	2.27	.	2.27	0
	Monthly sigma	.	.	.	1.58	.	1.58	0
	Seasonal ampl.	.	.	.	1.15	.	1.15	0
	Annual range	.	.	.	1.71	.	1.71	0

468 CAPE D' AGUILAR, 22N, 114E, Brewer



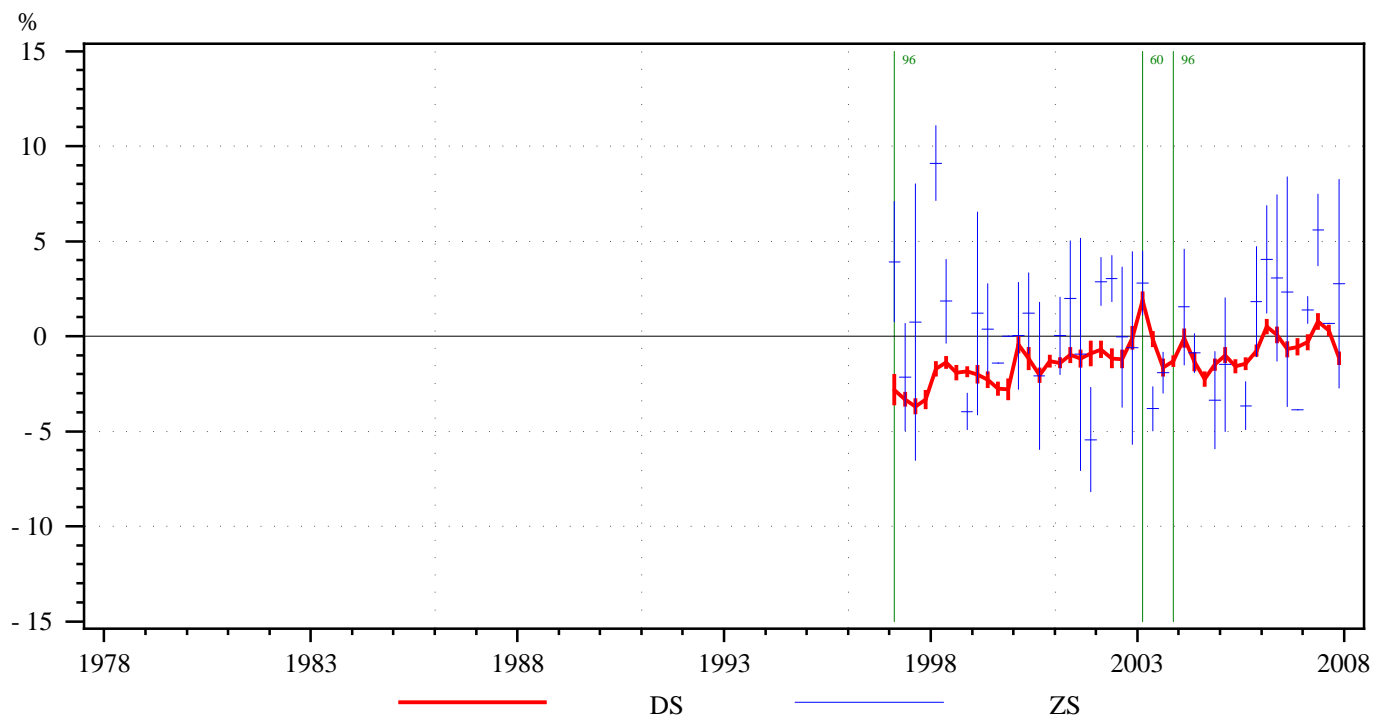
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	.	930	930	0
	Bias	.	.	.	.	-0.98	-0.98	0
	Daily sigma	.	.	.	.	4.18	4.18	0
	Monthly sigma	.	.	.	.	1.85	1.85	0
	Seasonal ampl.	.	.	.	.	1.19	1.19	0
	Annual range	.	.	.	.	2.36	2.36	0
ZS	Number of days	.	.	.	.	150	150	0
	Bias	.	.	.	.	-6.51	-6.51	0
	Daily sigma	.	.	.	.	9.93	9.93	0
	Monthly sigma	.	.	.	.	9.93	9.93	0

306 CHENGKUNG, 23N, 121E, Brewer



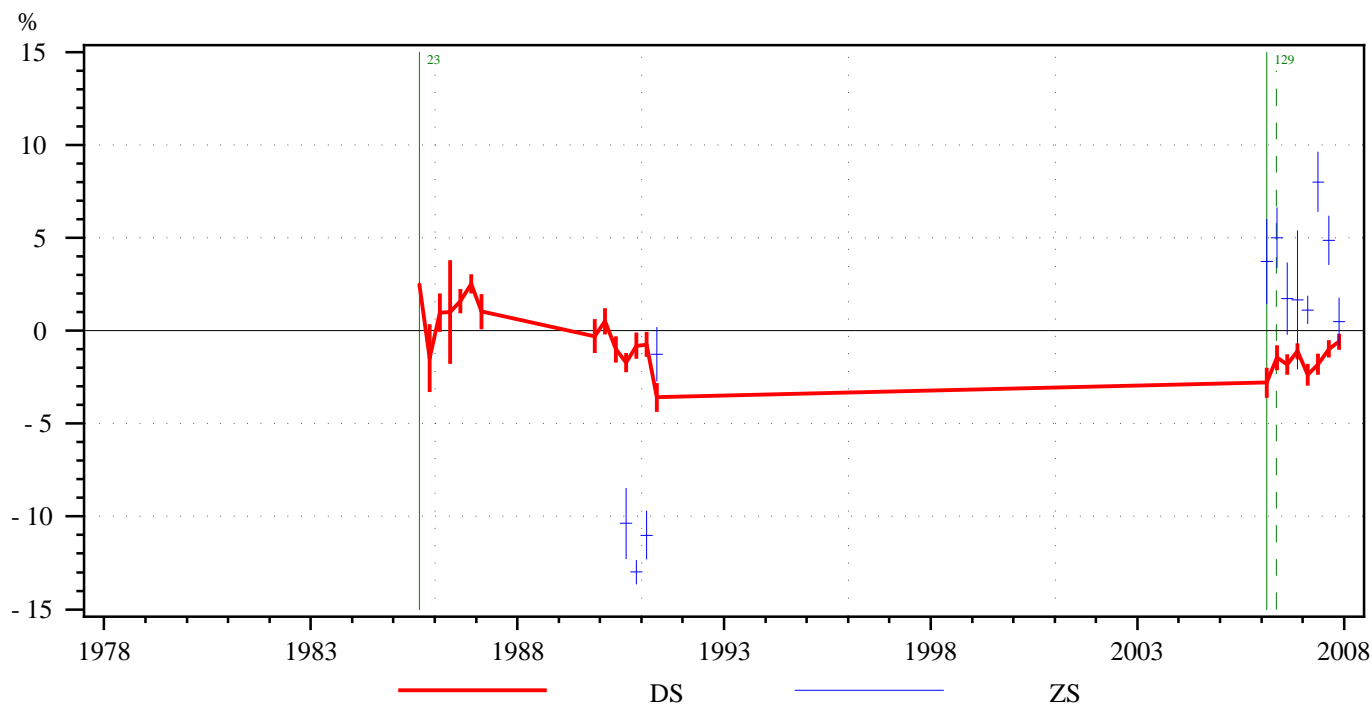
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	613	.	235	424	378
	Bias	.	.	-0.38	.	-2.78	-1.58	2.4
	Daily sigma	.	.	3.86	.	1.64	2.75	2.22
	Monthly sigma	.	.	2.77	.	0.73	1.75	2.04
	Seasonal ampl.	.	.	0.73	.	.	0.73	0
	Annual range	.	.	3.61	.	.	3.61	0
ZS	Number of days	.	.	221	.	56	138.5	165
	Bias	.	.	2.56	.	3.19	2.87	0.62
	Daily sigma	.	.	5.67	.	3.89	4.78	1.78
	Monthly sigma	.	.	5.26	.	1.32	3.29	3.95
	Annual range	.	.	8.2	.	.	8.2	0

030 MINAMITORISHIMA (MARCUS IS.), 24N, 154E, Brewer



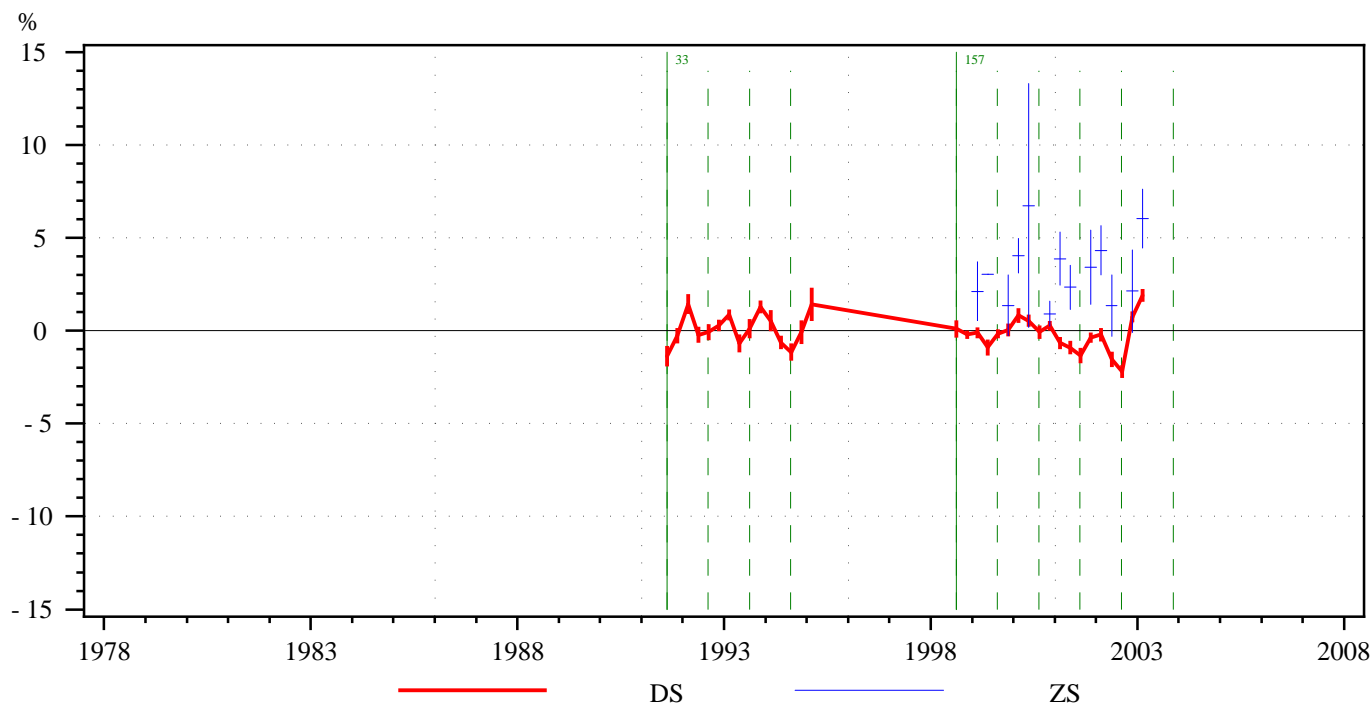
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	1172	1860	1516	688
	Bias	.	.	.	-2.05	-0.82	-1.44	1.23
	Daily sigma	.	.	.	2.01	2.17	2.09	0.16
	Monthly sigma	.	.	.	1.11	1.07	1.09	0.04
	Seasonal ampl.	.	.	.	0.63	0.69	0.66	0.07
	Annual range	.	.	.	1.83	1.25	1.54	0.58
ZS	Number of days	.	.	.	62	71	66.5	9
	Bias	.	.	.	0.38	0.17	0.27	0.2
	Daily sigma	.	.	.	4.02	3.82	3.92	0.2
	Monthly sigma	.	.	.	0.18	.	0.18	0

095 TAIPEI, 25N, 121E, Brewer



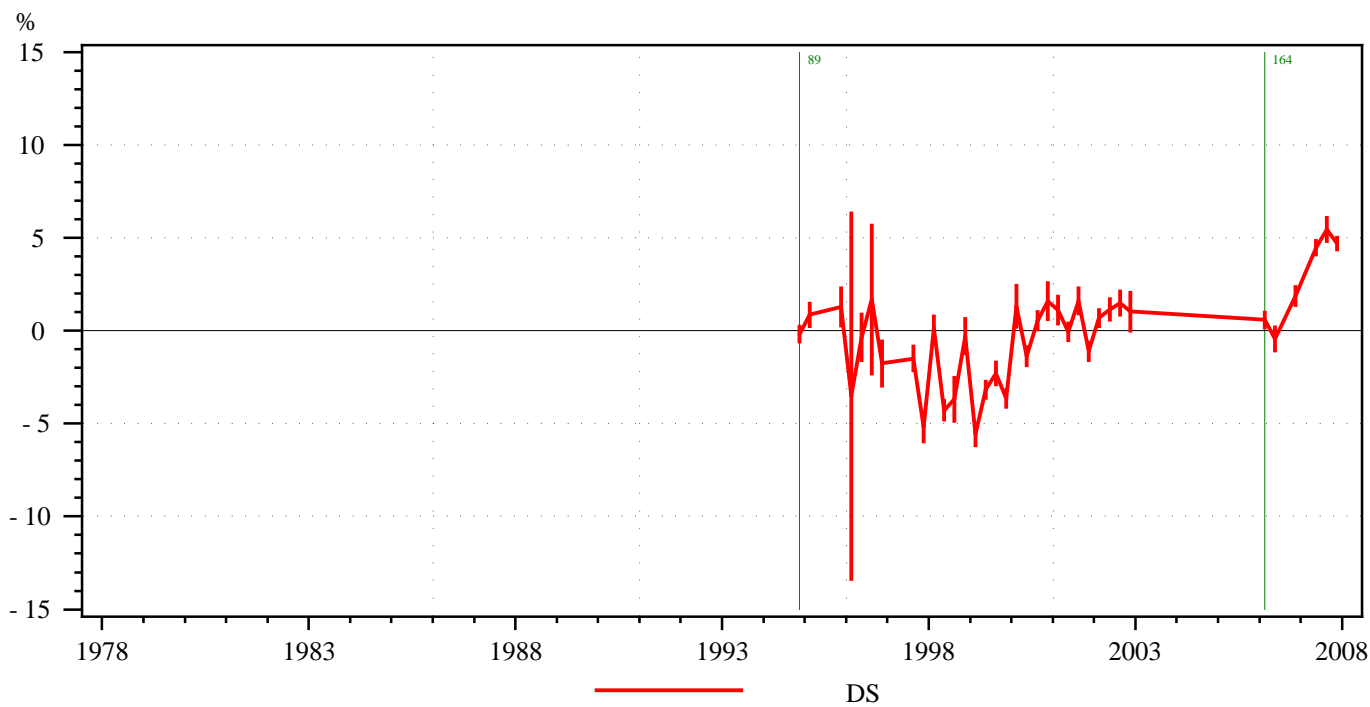
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	36	512	45	.	198	197.75	476
	Bias	0.23	0.13	-3.32	.	-1.61	-1.14	3.55
	Daily sigma	3.32	3.04	2.64	.	2.18	2.8	1.13
	Monthly sigma	1.31	1.61	0.34	.	0.9	1.04	1.26
	Seasonal ampl.	.	0.7	.	.	.	0.7	0
	Annual range	.	2.95	.	.	.	2.95	0
ZS	Number of days	.	52	29	.	54	45	25
	Bias	.	-13.23	-2.78	.	4.44	-3.86	17.68
	Daily sigma	.	3.27	4.81	.	5.28	4.45	2.01
	Monthly sigma	.	1.48	1.25	.	3.32	2.02	2.06

300 IZANA (TENERIFE), 28N, 16W, Brewer



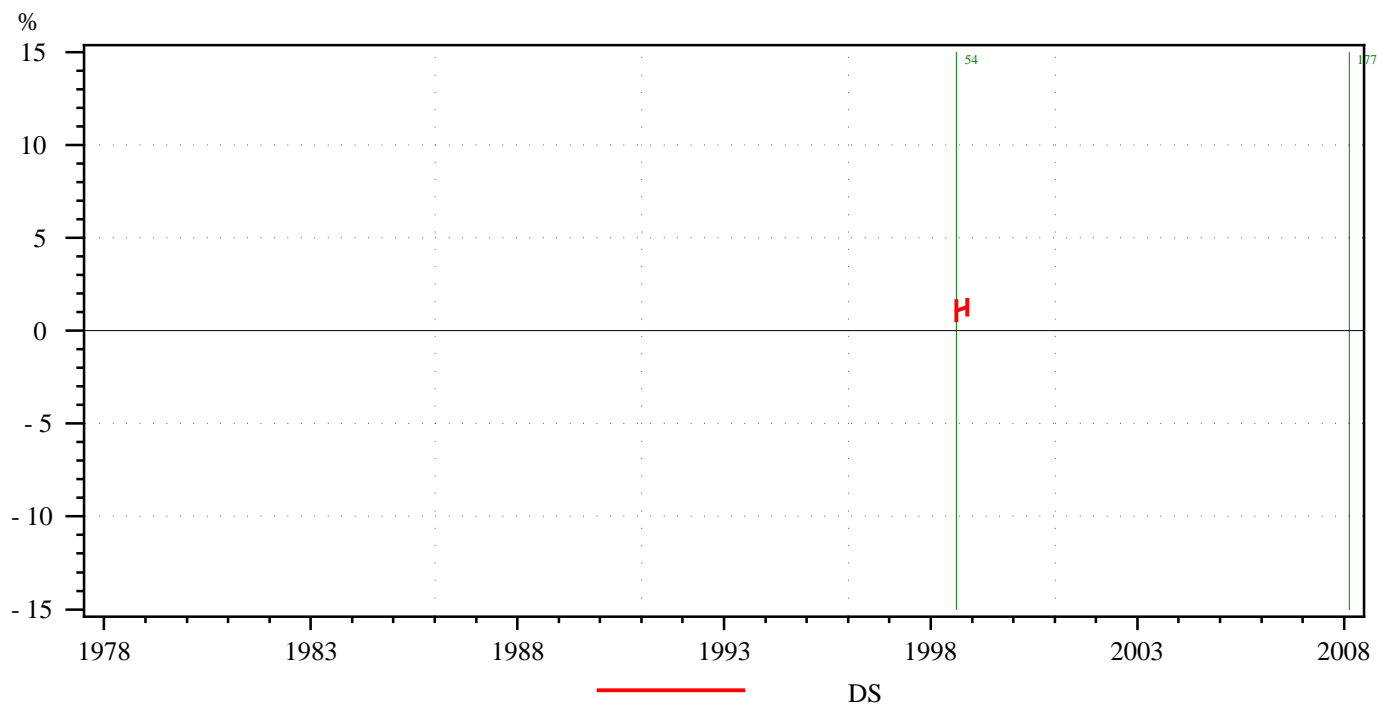
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	880	729	616	741.67	264
	Bias	.	.	0.03	-0.03	-0.5	-0.17	0.53
	Daily sigma	.	.	1.94	1.48	1.96	1.79	0.48
	Monthly sigma	.	.	0.97	0.6	1.31	0.96	0.7
	Seasonal ampl.	.	.	0.86	0.07	1.43	0.79	1.36
	Annual range	.	.	0.63	0.37	0.12	0.37	0.51
ZS	Number of days	.	.	.	37	32	34.5	5
	Bias	.	.	.	3.13	3.53	3.33	0.4
	Daily sigma	.	.	.	2.66	2.4	2.53	0.26
	Monthly sigma	.	.	.	.	.	.	.

010 NEW DELHI, 29N, 77E, Brewer



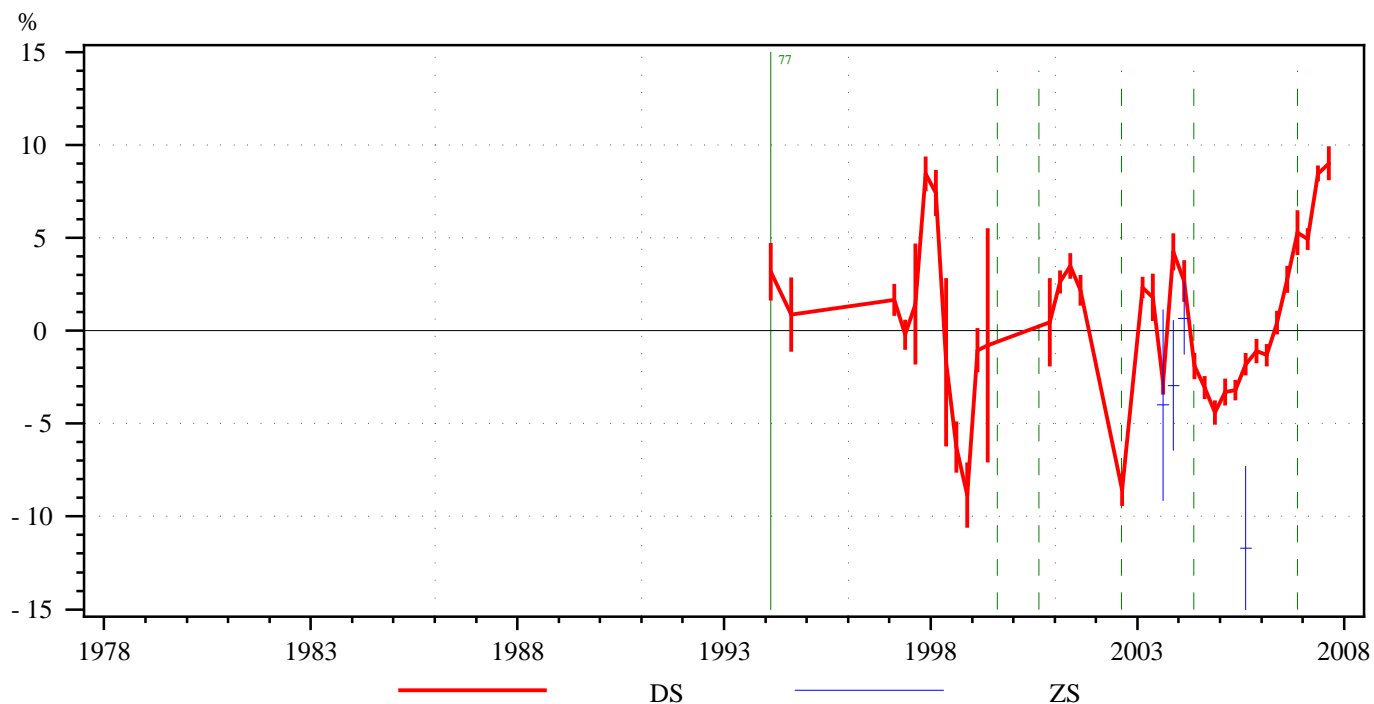
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	67	542	440	349.67	475
	Bias	.	.	0	-1.8	0.52	-0.43	2.32
	Daily sigma	.	.	2.36	3.2	2.44	2.67	0.85
	Monthly sigma	.	.	0.54	2.59	1.7	1.61	2.05
	Seasonal ampl.	.	.	.	0.58	0.68	0.63	0.09
	Annual range	.	.	.	3.55	1.21	2.38	2.34

349 LASHA, 29N, 91E, Brewer



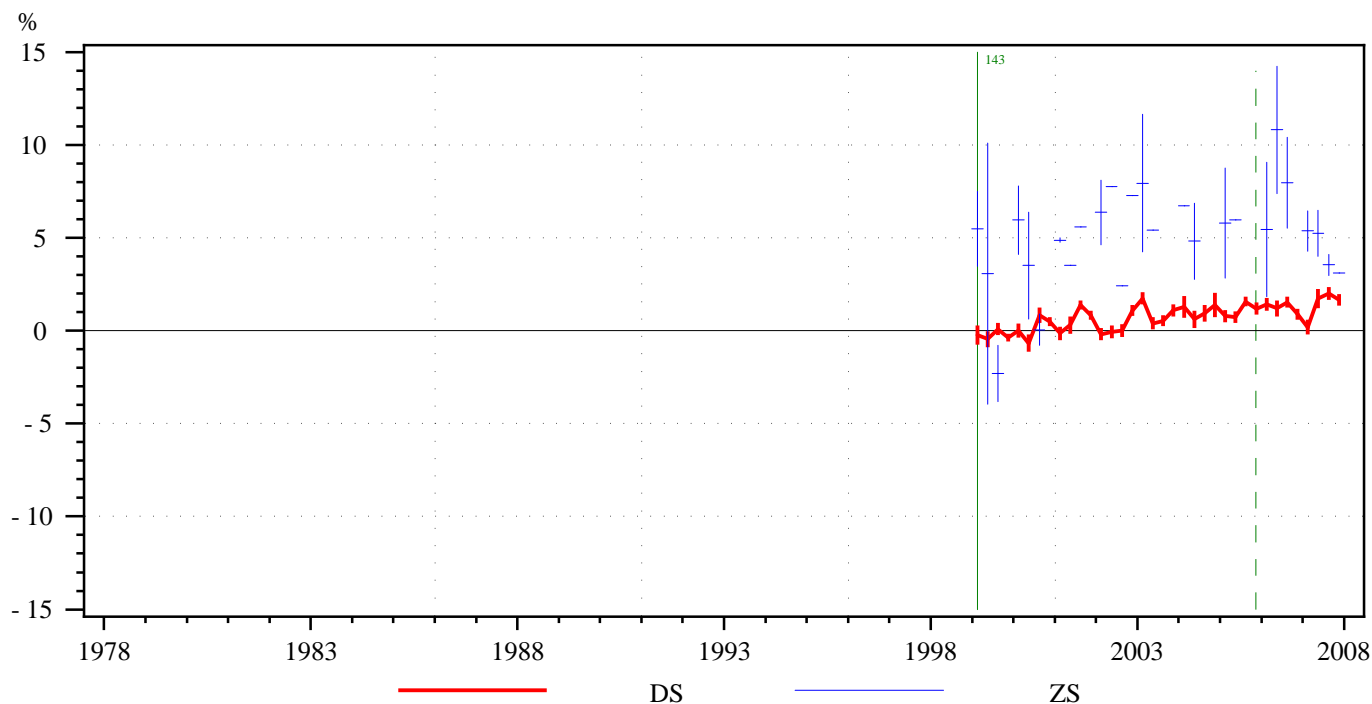
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	100	.	100	0
	Bias	.	.	.	1.18	.	1.18	0
	Daily sigma	.	.	.	1.98	.	1.98	0
	Monthly sigma	.	.	.	0.93	.	0.93	0

325 LINAN, 30N, 120E, Brewer



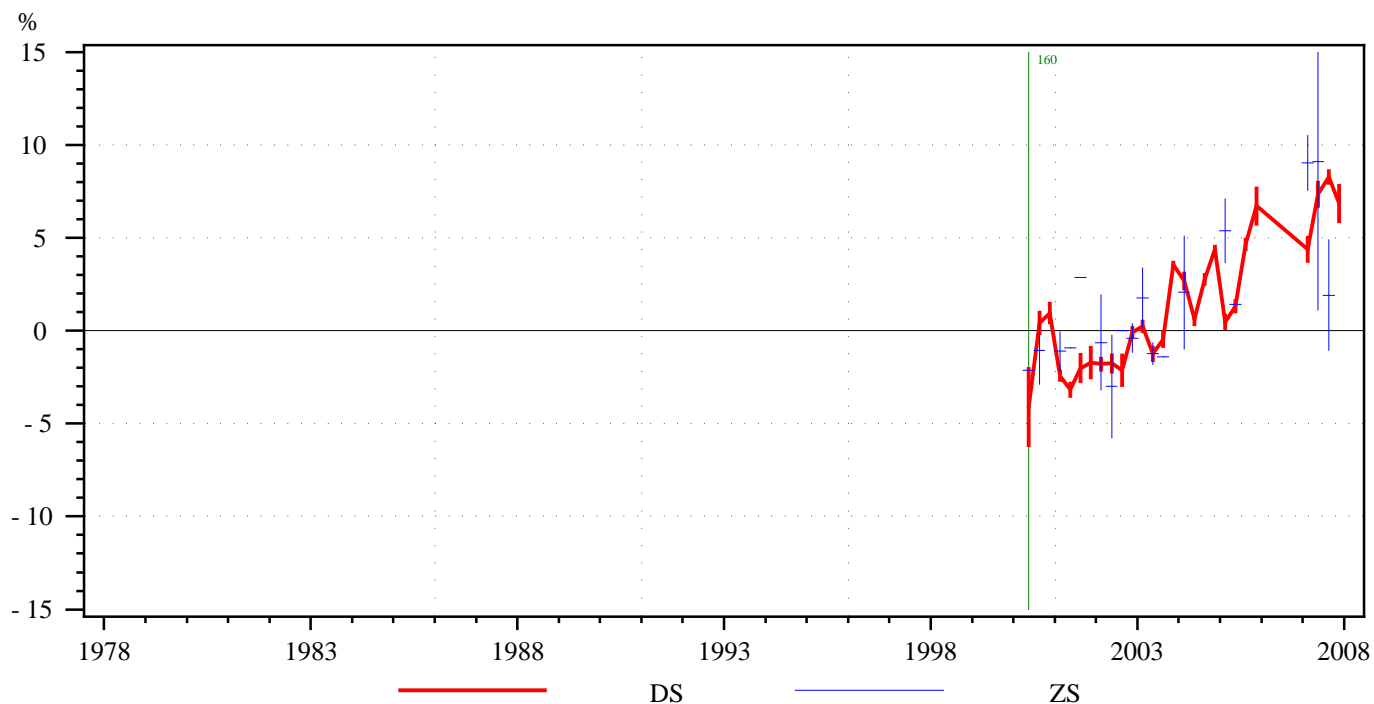
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	24	282	1086	464	1062
	Bias	.	.	2.23	1.6	-0.12	1.24	2.35
	Daily sigma	.	.	3.16	8.05	4.53	5.25	4.89
	Monthly sigma	.	.	2.08	7.4	3.63	4.37	5.32
	Seasonal ampl.	.	.	.	.	1.73	1.73	0
	Annual range	.	.	.	5.75	5.91	5.83	0.16
ZS	Number of days	.	.	.	.	24	24	0
	Bias	.	.	.	.	-4.34	-4.34	0
	Daily sigma	.	.	.	.	6.36	6.36	0
	Monthly sigma	.	.	.	.	.	.	.

376 MRSA MATROUH, 31N, 27E, Brewer



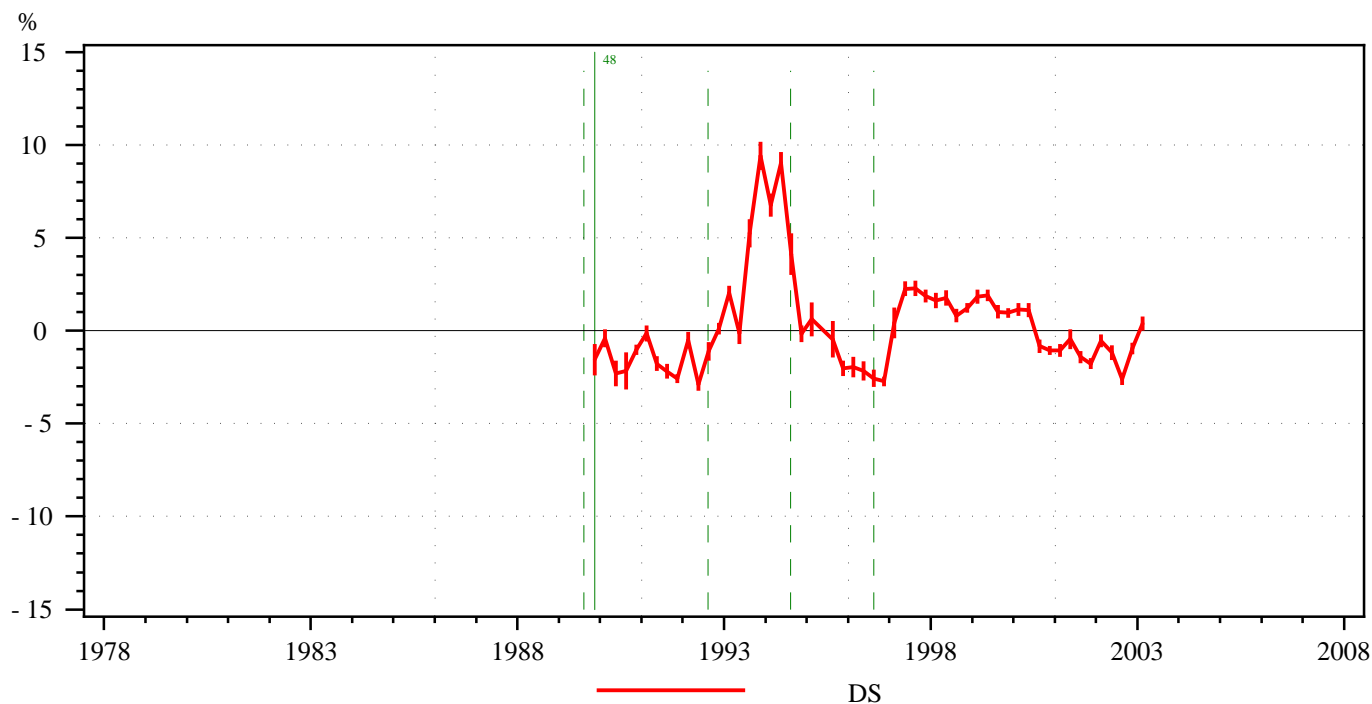
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	702	2051	1376.5	1349
	Bias	.	.	.	-0.04	0.87	0.42	0.91
	Daily sigma	.	.	.	1.7	1.78	1.74	0.08
	Monthly sigma	.	.	.	0.71	0.73	0.72	0.03
	Seasonal ampl.	.	.	.	0.42	0.38	0.4	0.04
	Annual range	.	.	.	0.22	0.6	0.41	0.38
ZS	Number of days	.	.	.	37	41	39	4
	Bias	.	.	.	2.54	6.35	4.45	3.82
	Daily sigma	.	.	.	3.83	2.94	3.38	0.89
	Monthly sigma	.	.	.	.	.	.	.

336 ISFAHAN, 32N, 51E, Brewer



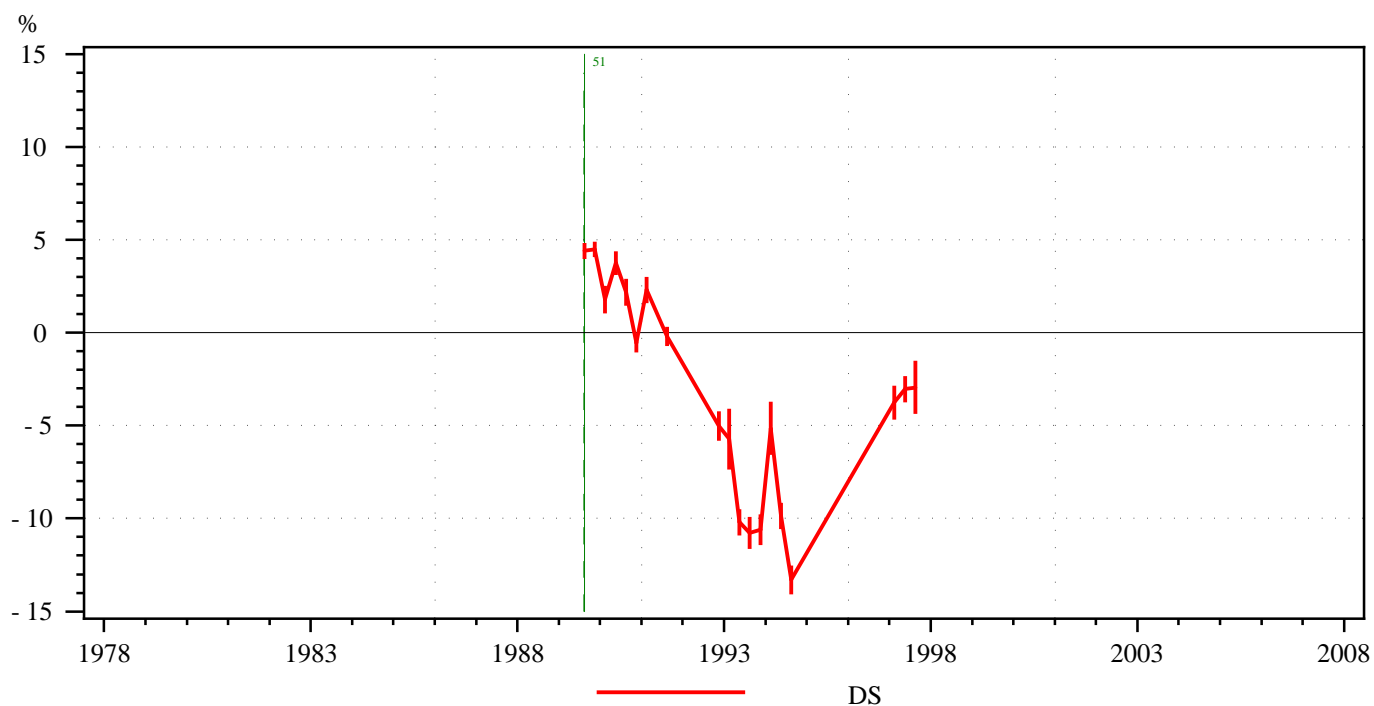
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	231	1569	900	1338
	Bias	.	.	.	-0.27	0.43	0.08	0.7
	Daily sigma	.	.	.	3.34	3.62	3.48	0.28
	Monthly sigma	.	.	.	2.17	2.71	2.44	0.54
	Seasonal ampl.	.	.	.	.	1.46	1.46	0
	Annual range	.	.	.	.	4.9	4.9	0
ZS	Number of days	.	.	.	12	46	29	34
	Bias	.	.	.	-1.17	2.56	0.69	3.73
	Daily sigma	.	.	.	1.68	7.41	4.55	5.73

287 FUNCHAL (MADEIRA IS.), 33N, 17W, Brewer



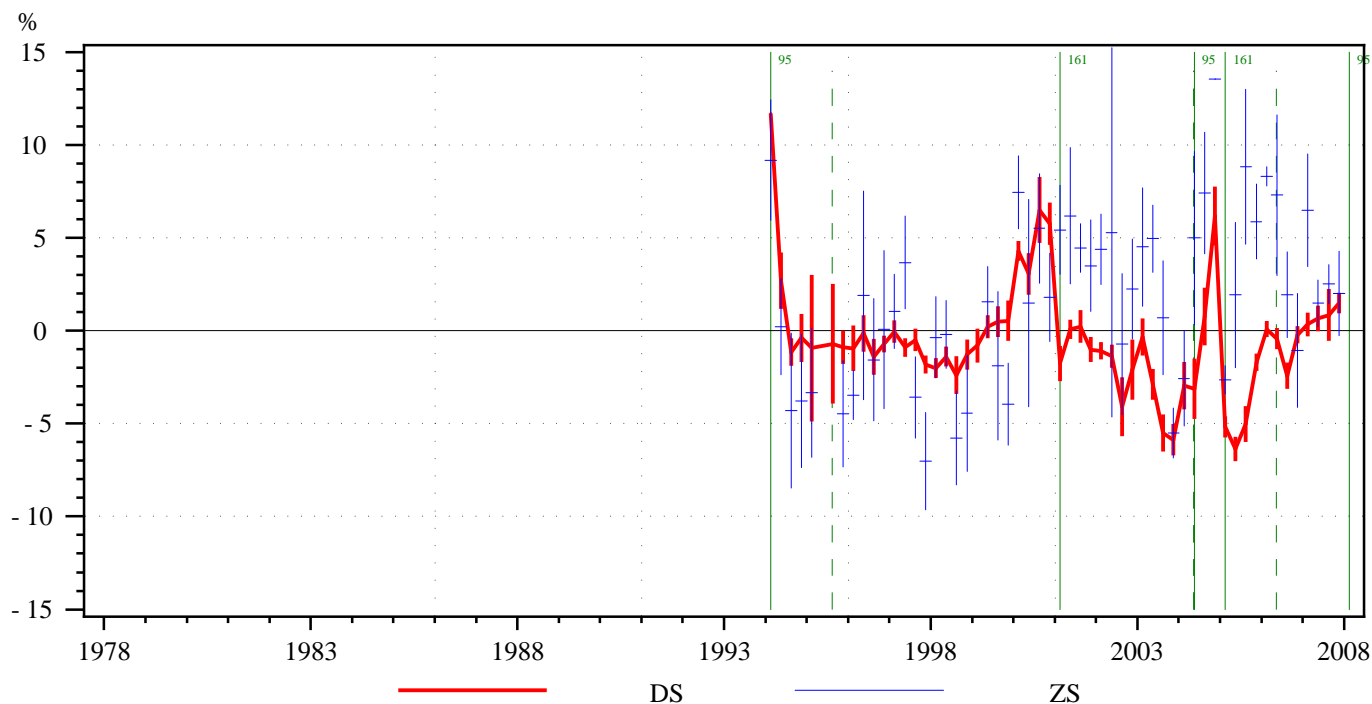
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	200	1032	1377	661	817.5	1177
	Bias	.	-0.93	1.09	0.66	-1.14	-0.08	2.23
	Daily sigma	.	1.59	4.43	2.16	1.79	2.49	2.84
	Monthly sigma	.	0.75	4.1	1.7	0.86	1.85	3.36
	Seasonal ampl.	.	.	0.54	0.94	0.85	0.78	0.4
	Annual range	.	.	6.51	4.18	0.04	3.57	6.47

158 CASABLANCA, 34N, 8W, Brewer



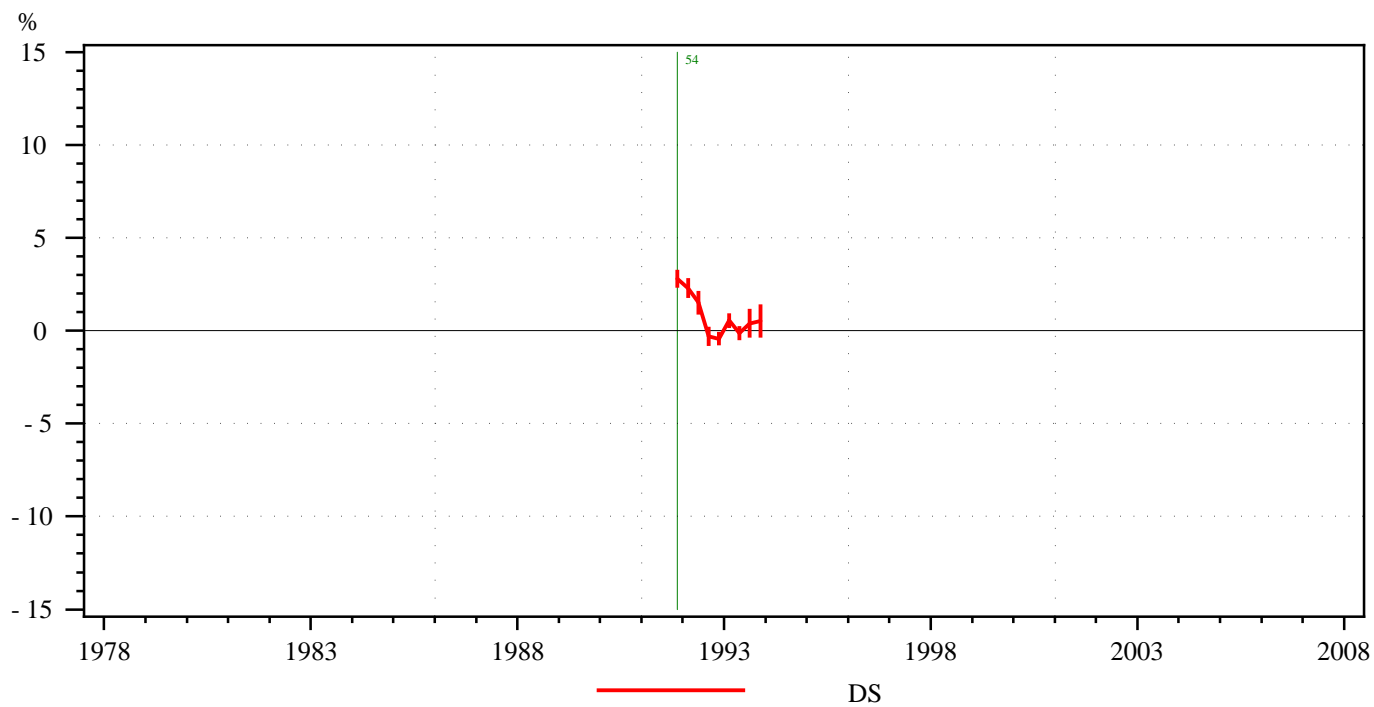
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	267	366	75	.	236	291
	Bias	.	2.66	-7.02	-3.82	.	-2.73	9.69
	Daily sigma	.	3.11	5.97	4.46	.	4.51	2.87
	Monthly sigma	.	1.85	4.92	0.86	.	2.54	4.07
	Seasonal ampl.	.	.	2.22	.	.	2.22	0
	Annual range	.	2.6	12.04	.	.	7.32	9.44

332 POHANG, 36N, 129E, Brewer



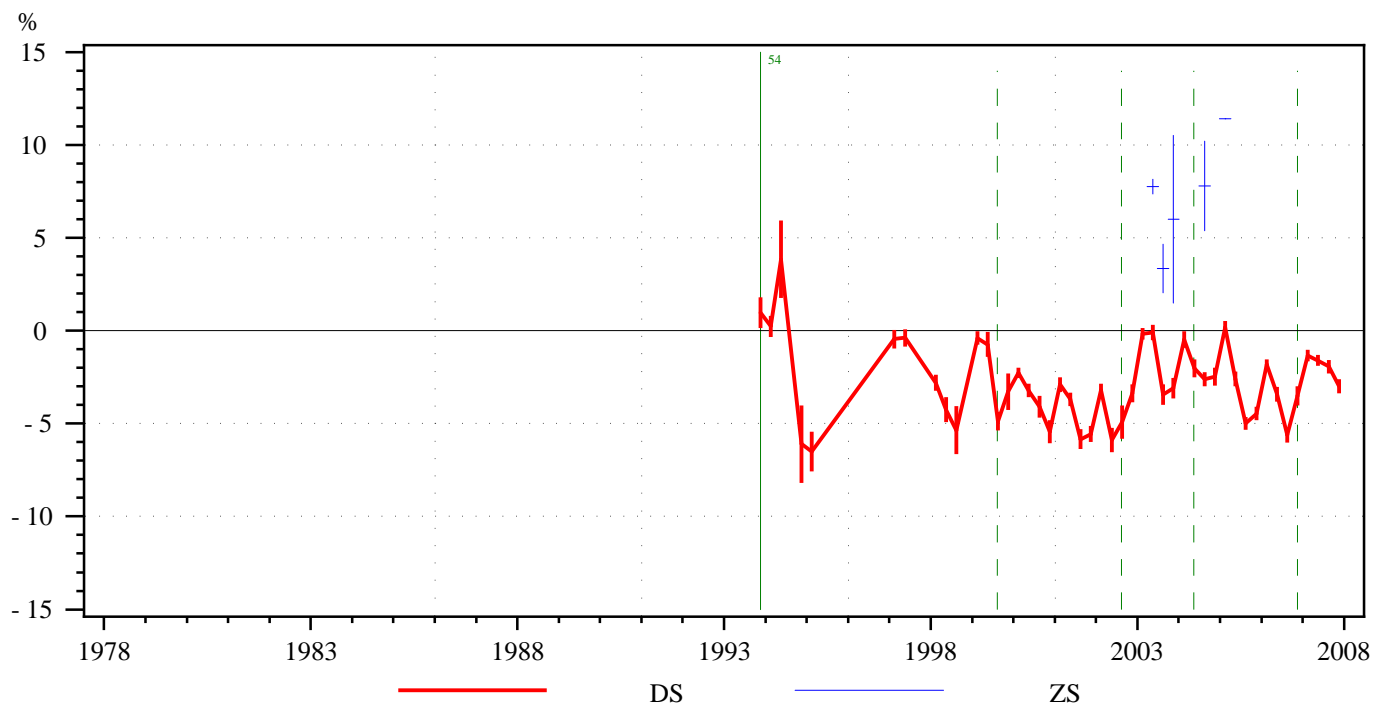
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	159	1104	1597	953.33	1438
	Bias	.	.	1.78	0.53	-1.16	0.39	2.94
	Daily sigma	.	.	8.07	4.72	6.27	6.36	3.35
	Monthly sigma	.	.	6.55	3.27	4.61	4.81	3.28
	Seasonal ampl.	.	.	.	0.44	1.91	1.18	1.47
	Annual range	.	.	.	7.03	7.69	7.36	0.66
ZS	Number of days	.	.	63	236	345	214.67	282
	Bias	.	.	-0.44	-0.49	3.48	0.85	3.97
	Daily sigma	.	.	8.4	7.13	8.35	7.96	1.27
	Monthly sigma	.	.	4.11	5.79	4.73	4.88	1.68
	Seasonal ampl.	.	.	.	.	1.76	1.76	0

304 GONGHE, 36N, 101E, Brewer



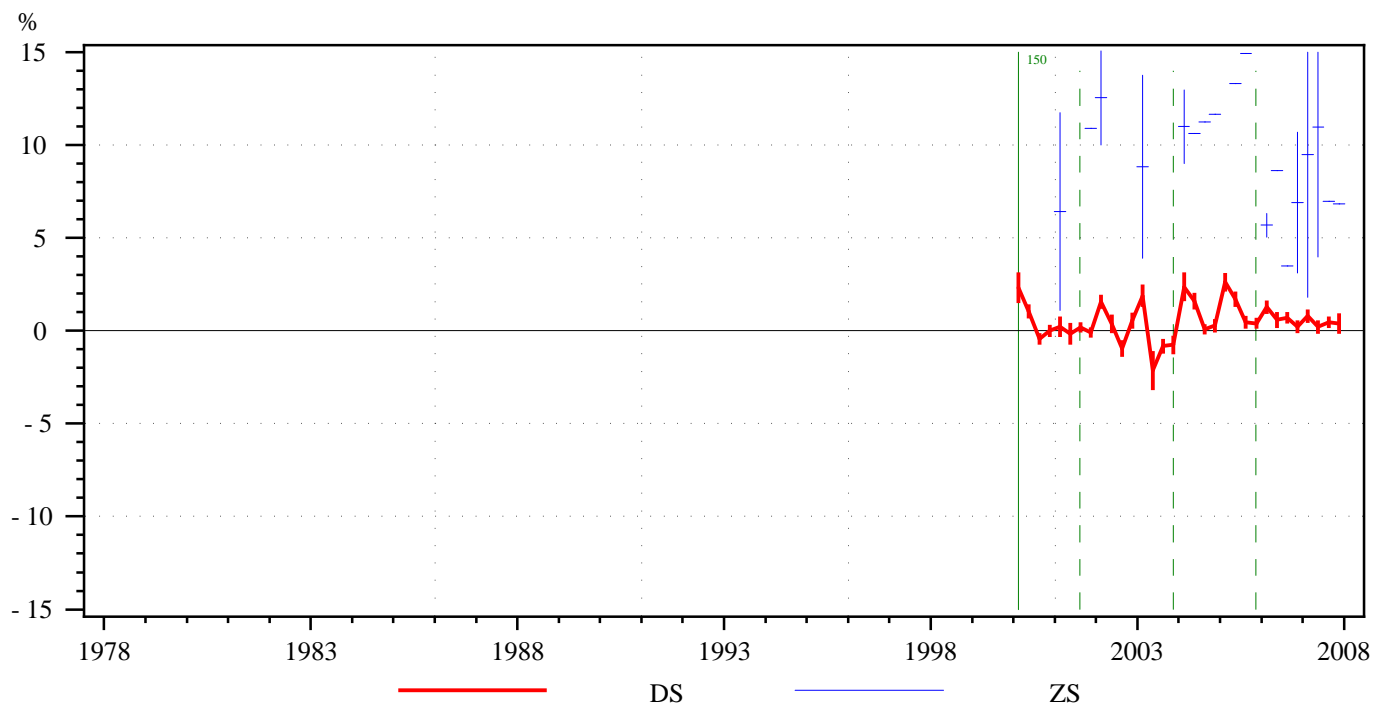
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	474	.	.	474	0
	Bias	.	.	0.74	.	.	0.74	0
	Daily sigma	.	.	2.21	.	.	2.21	0
	Monthly sigma	.	.	1.28	.	.	1.28	0
	Seasonal ampl.	.	.	0.65	.	.	0.65	0
	Annual range	.	.	2.36	.	.	2.36	0

295 MT. WALIGUAN, 36N, 101E, Brewer



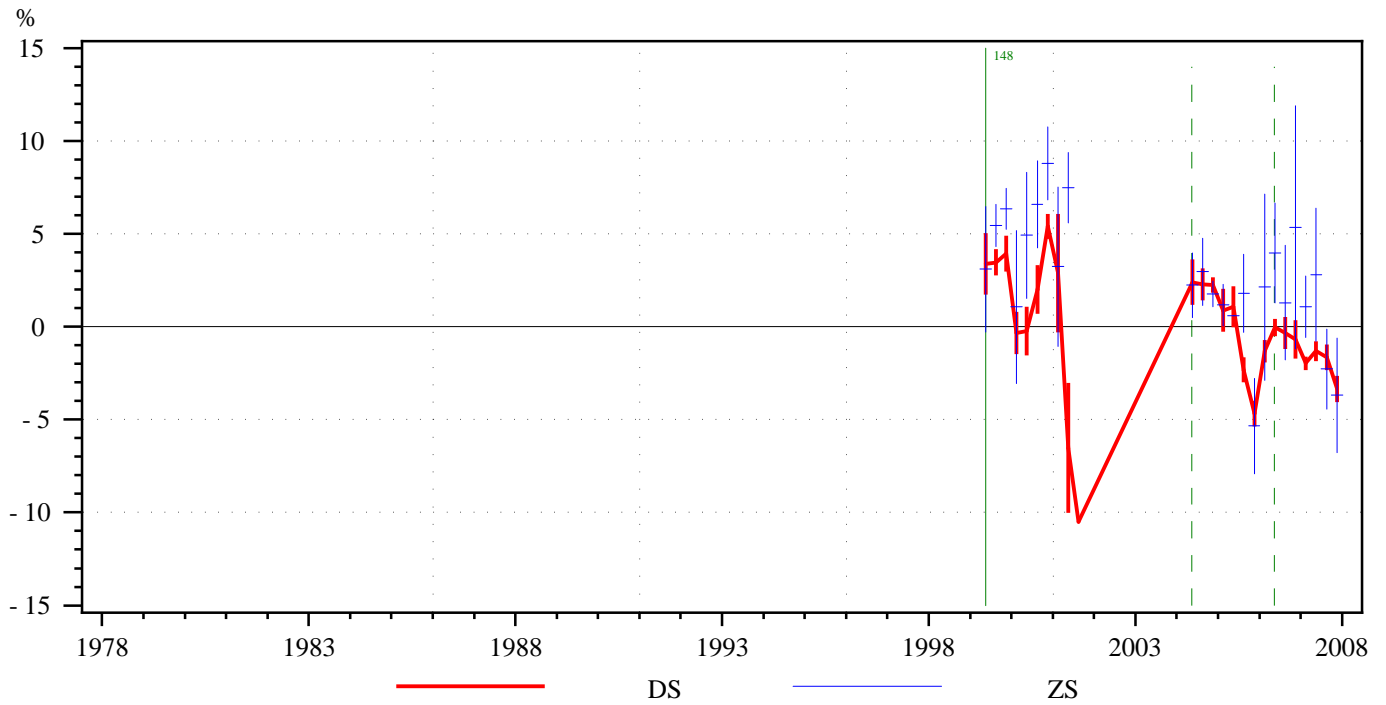
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	121	839	1770	910	1649
	Bias	.	.	3.3	-3.01	-3.02	-0.91	6.32
	Daily sigma	.	.	9.73	2.94	2.64	5.1	7.09
	Monthly sigma	.	.	11.82	1.98	1.97	5.25	9.85
	Seasonal ampl.	.	.	.	1.47	2.06	1.76	0.59
	Annual range	.	.	.	2.88	2.9	2.89	0.02
ZS	Number of days	.	.	.	.	13	13	0
	Bias	.	.	.	.	6.5	6.5	0
	Daily sigma	.	.	.	.	3.37	3.37	0

213 EL ARENOSILLO, 37N, 7W, Brewer



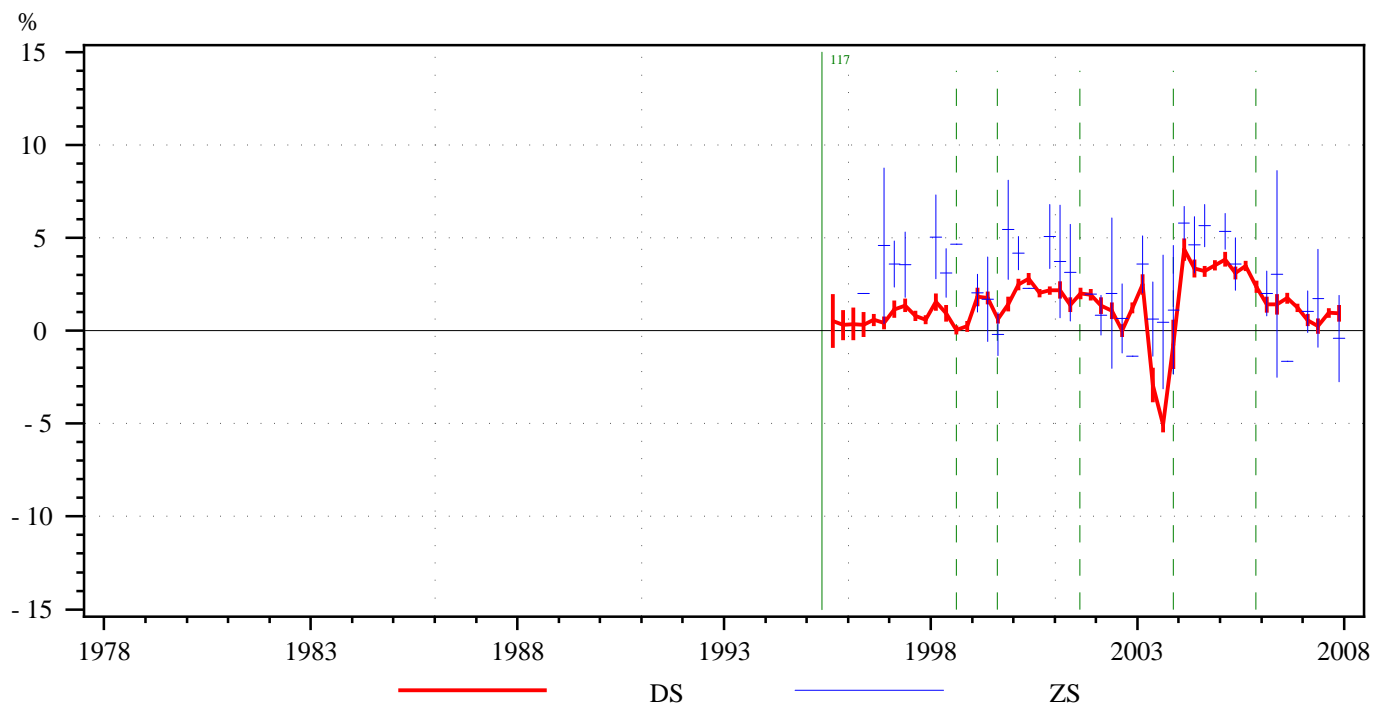
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	338	1832	1085	1494
	Bias	.	.	.	0.4	0.59	0.5	0.2
	Daily sigma	.	.	.	1.91	2.18	2.04	0.26
	Monthly sigma	.	.	.	0.95	1.1	1.02	0.16
	Seasonal ampl.	.	.	.	0.89	1.09	0.99	0.19
	Annual range	.	.	.	.	1.38	1.38	0
ZS	Number of days	.	.	.	.	33	33	0
	Bias	.	.	.	.	9.58	9.58	0
	Daily sigma	.	.	.	.	4.12	4.12	0

252 SEOUL, 38N, 127E, Brewer



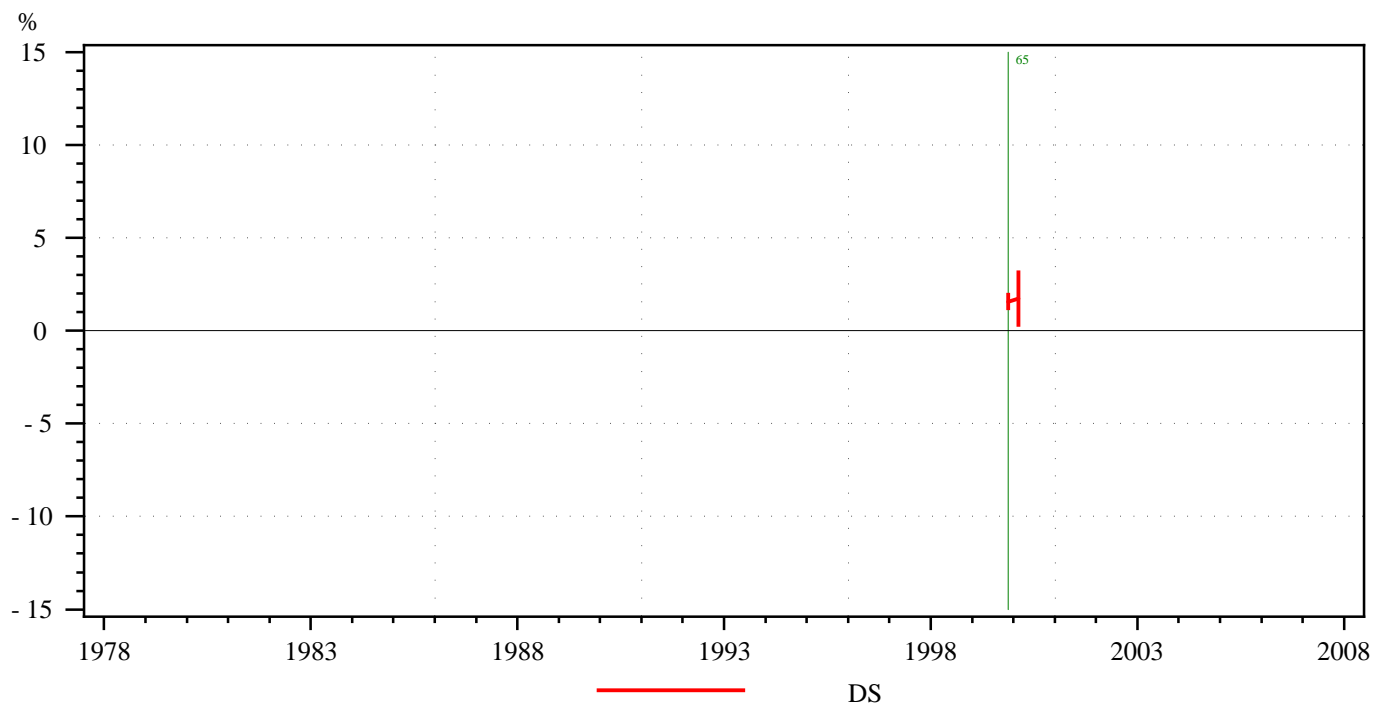
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	326	611	468.5	285
	Bias	.	.	.	1.97	-5.64	-1.83	7.61
	Daily sigma	.	.	.	5.04	12.96	9	7.92
	Monthly sigma	.	.	.	2.85	10.67	6.76	7.82
	Seasonal ampl.	.	.	.	3.02	1.75	2.39	1.27
	Annual range	.	.	.	2.16	30.92	16.54	28.75
ZS	Number of days	.	.	.	160	218	189	58
	Bias	.	.	.	5.84	0.31	3.08	5.54
	Daily sigma	.	.	.	5.94	9.79	7.87	3.85
	Monthly sigma	.	.	.	1.9	2.04	1.97	0.14

346 MURCIA, 38N, 1W, Brewer



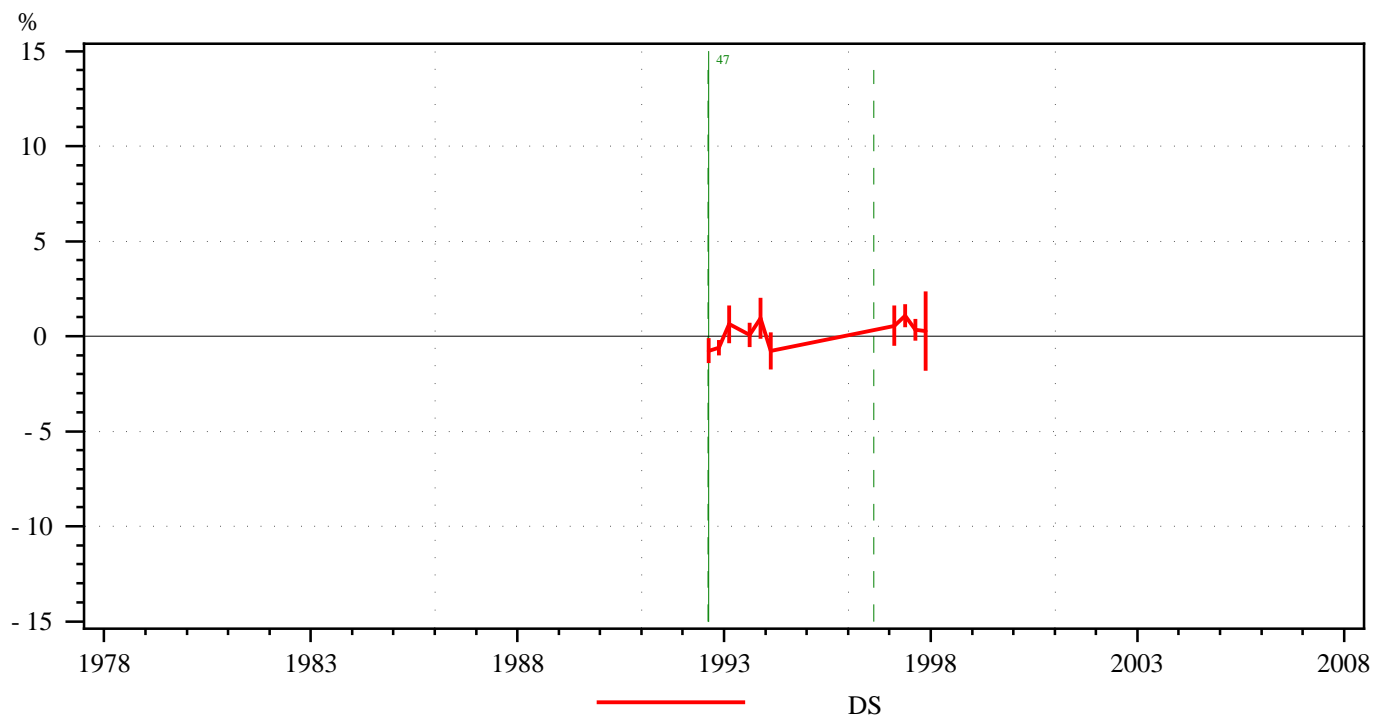
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	38	1474	1865	1125.67	1827
	Bias	.	.	0.45	1.31	1.68	1.14	1.23
	Daily sigma	.	.	1.71	1.74	2.92	2.12	1.2
	Monthly sigma	.	.	0.58	0.9	2.38	1.29	1.8
	Seasonal ampl.	.	.	.	0.59	0.78	0.69	0.18
	Annual range	.	.	.	1.67	4.74	3.2	3.07
ZS	Number of days	.	.	.	56	96	76	40
	Bias	.	.	.	3.53	2.66	3.09	0.87
	Daily sigma	.	.	.	2.16	2.76	2.46	0.59

045 MESSINA, 38N, 16E, Brewer



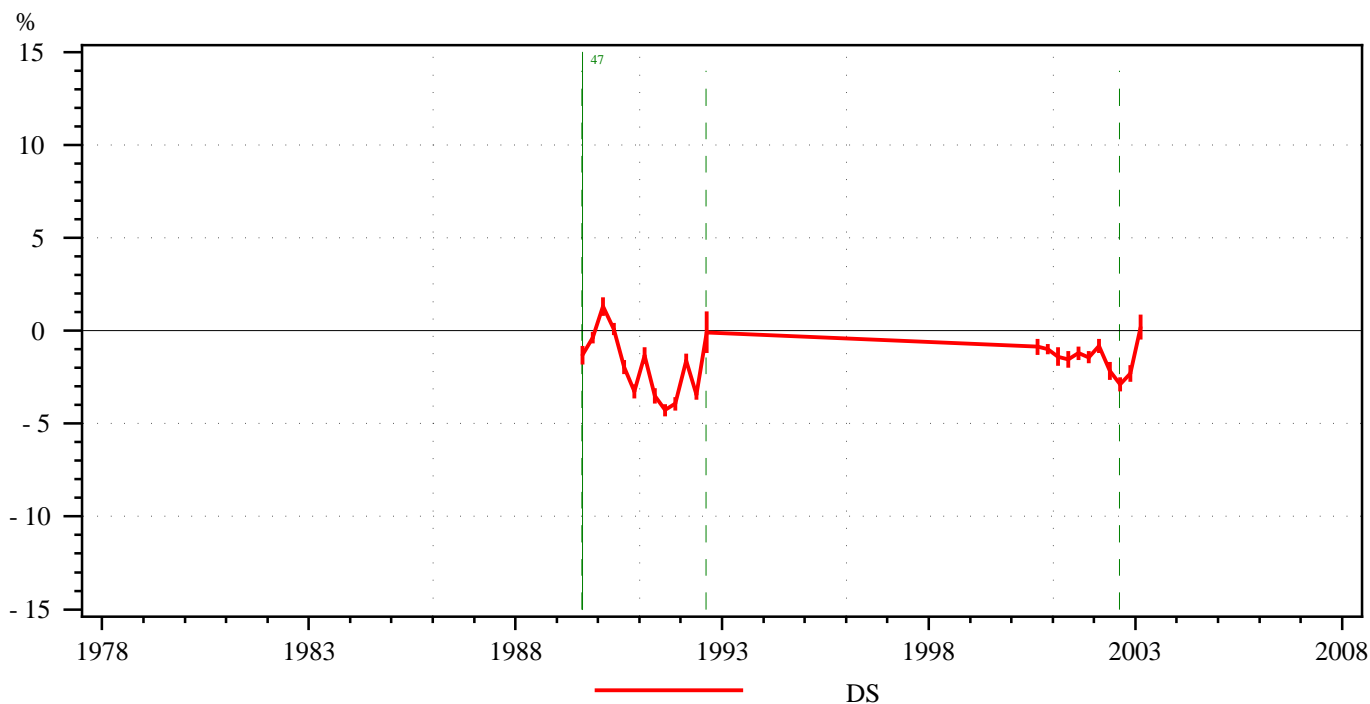
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	142	.	142	0
	Bias	.	.	.	1.51	.	1.51	0
	Daily sigma	.	.	.	3.99	.	3.99	0
	Monthly sigma	.	.	.	0.31	.	0.31	0

327 ANGRA DO HEROISMO (TERCEIRA I), 39N, 27W, Brewer



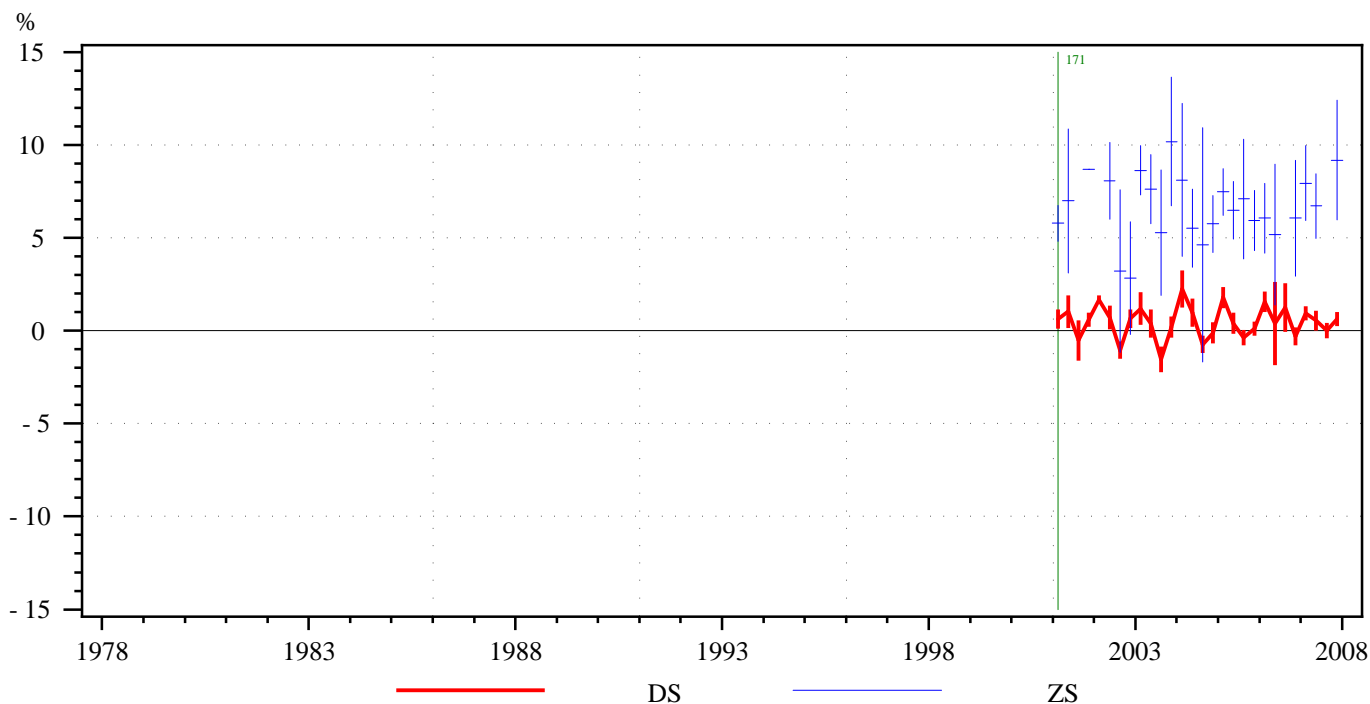
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	183	116	.	149.5	67
	Bias	.	.	-0.17	0.77	.	0.3	0.95
	Daily sigma	.	.	2.03	2.47	.	2.25	0.45
	Monthly sigma	.	.	0.95	0.91	.	0.93	0.05
	Annual range	.	.	0.87	.	.	0.87	0

082 LISBON, 39N, 9W, Brewer



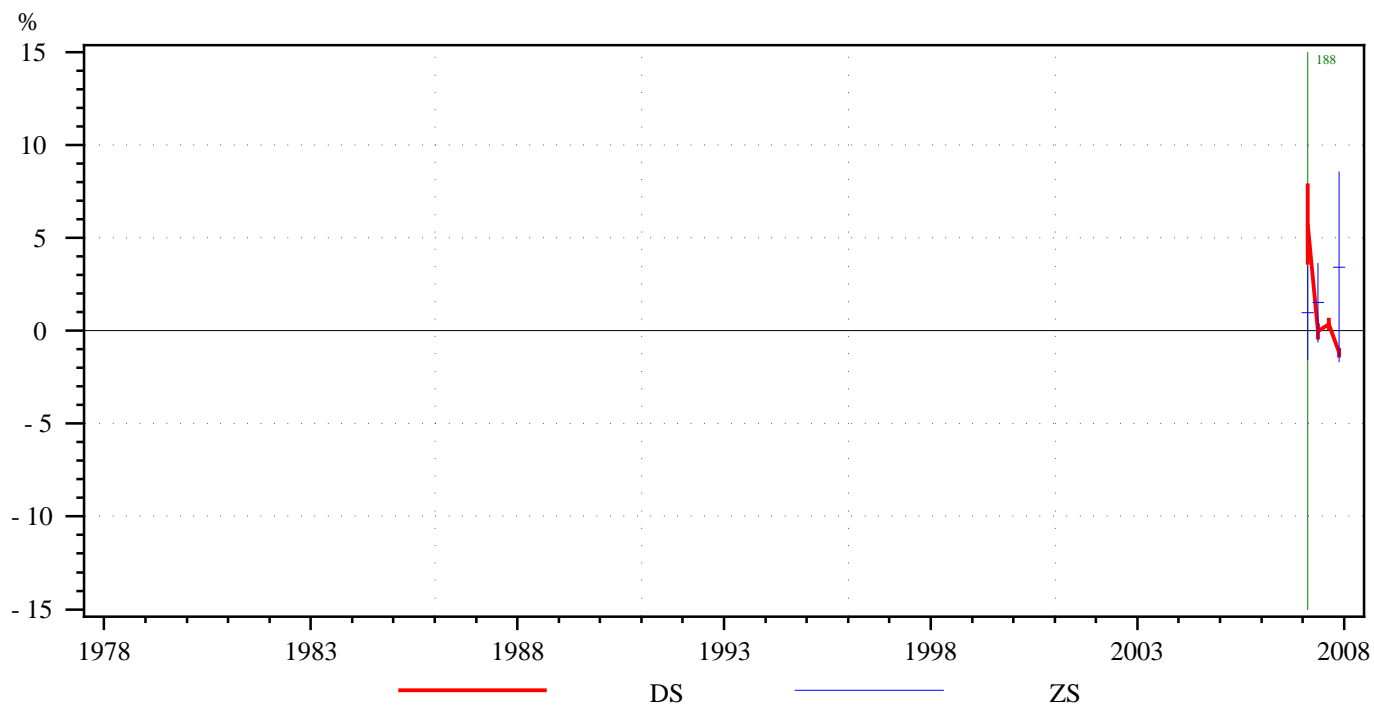
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	414	344	190	651	399.75	461
	Bias	.	-1.1	-3.1	-1.05	-1.6	-1.71	2.06
	Daily sigma	.	2.01	2.11	1.73	2.02	1.97	0.38
	Monthly sigma	.	1.52	1.76	0.35	1	1.16	1.41
	Seasonal ampl.	.	1.74	0.77	.	0.74	1.08	0.99
	Annual range	.	1.14	1.55	.	0.62	1.1	0.93

447 GODDARD, 39N, 77W, Brewer



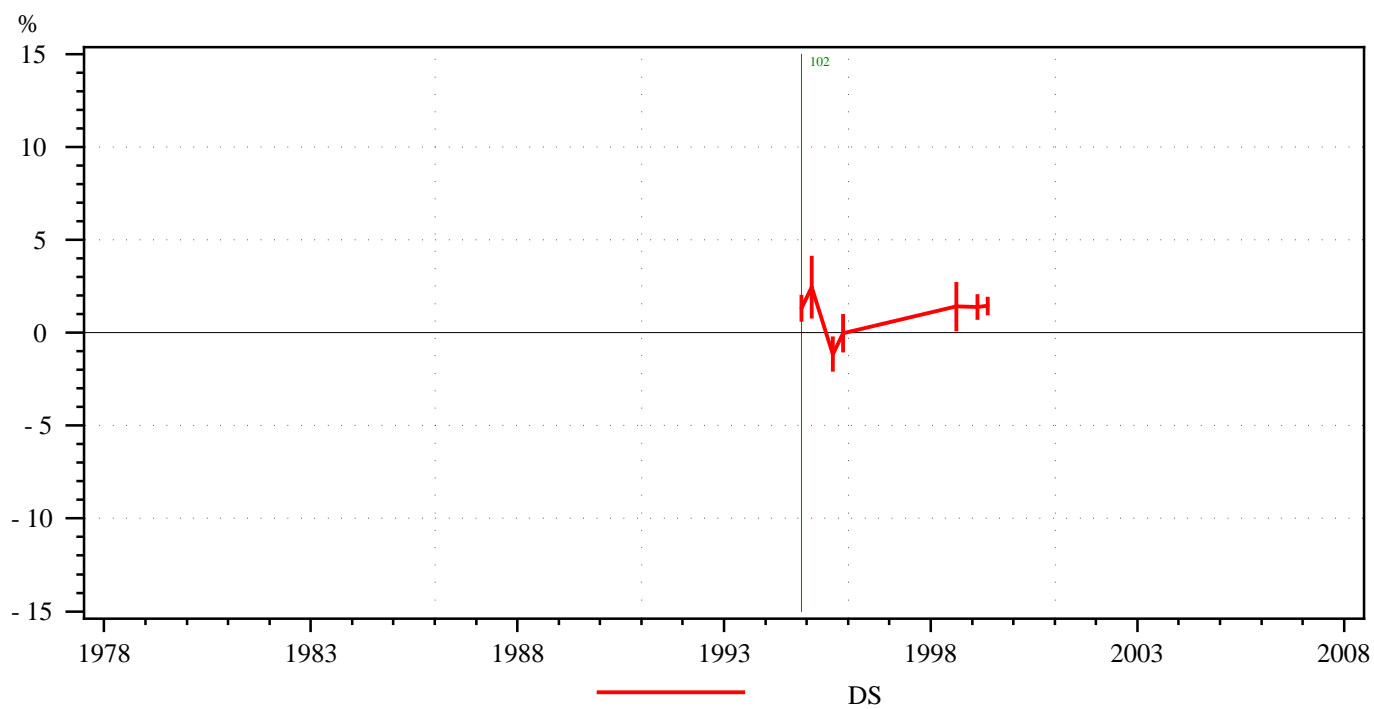
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	40	1278	659	1238
	Bias	.	.	.	0.53	0.38	0.45	0.15
	Daily sigma	.	.	.	1.94	2.53	2.23	0.59
	Monthly sigma	.	.	.	0.41	1.15	0.78	0.74
	Seasonal ampl.	.	.	.	.	1.12	1.12	0
	Annual range	.	.	.	.	0.68	0.68	0
ZS	Number of days	.	.	.	.	214	214	0
	Bias	.	.	.	.	7.17	7.17	0
	Daily sigma	.	.	.	.	4.45	4.45	0
	Monthly sigma	.	.	.	.	1.43	1.43	0

348 ANKARA, 40N, 33E, Brewer



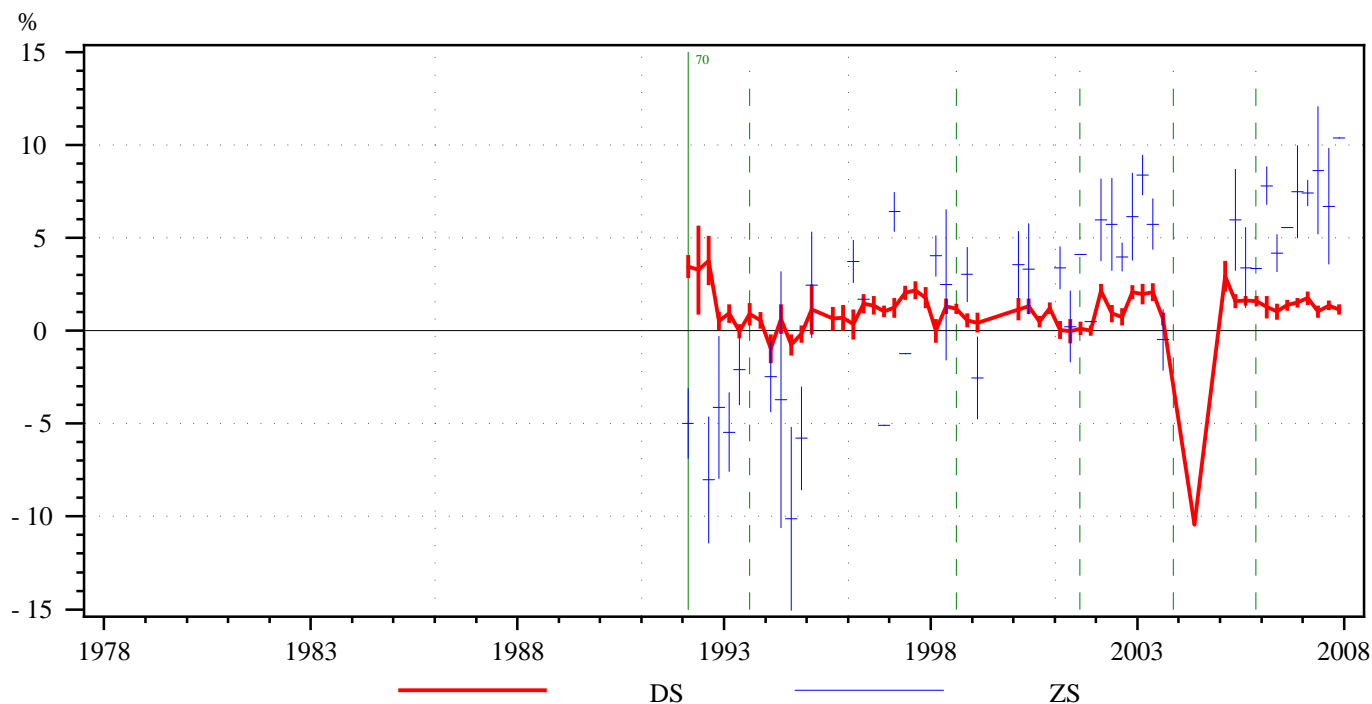
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	.	32	32	0
	Bias	.	.	.	.	14.26	14.26	0
	Daily sigma	.	.	.	.	3.19	3.19	0
	Monthly sigma	.	.	.	.	0.75	0.75	0
ZS	Number of days	.	.	.	.	.	.	.
	Bias	.	.	.	.	.	.	.
	Daily sigma	.	.	.	.	.	.	.

288 PENHAS DOURADAS, 40N, 8W, Brewer



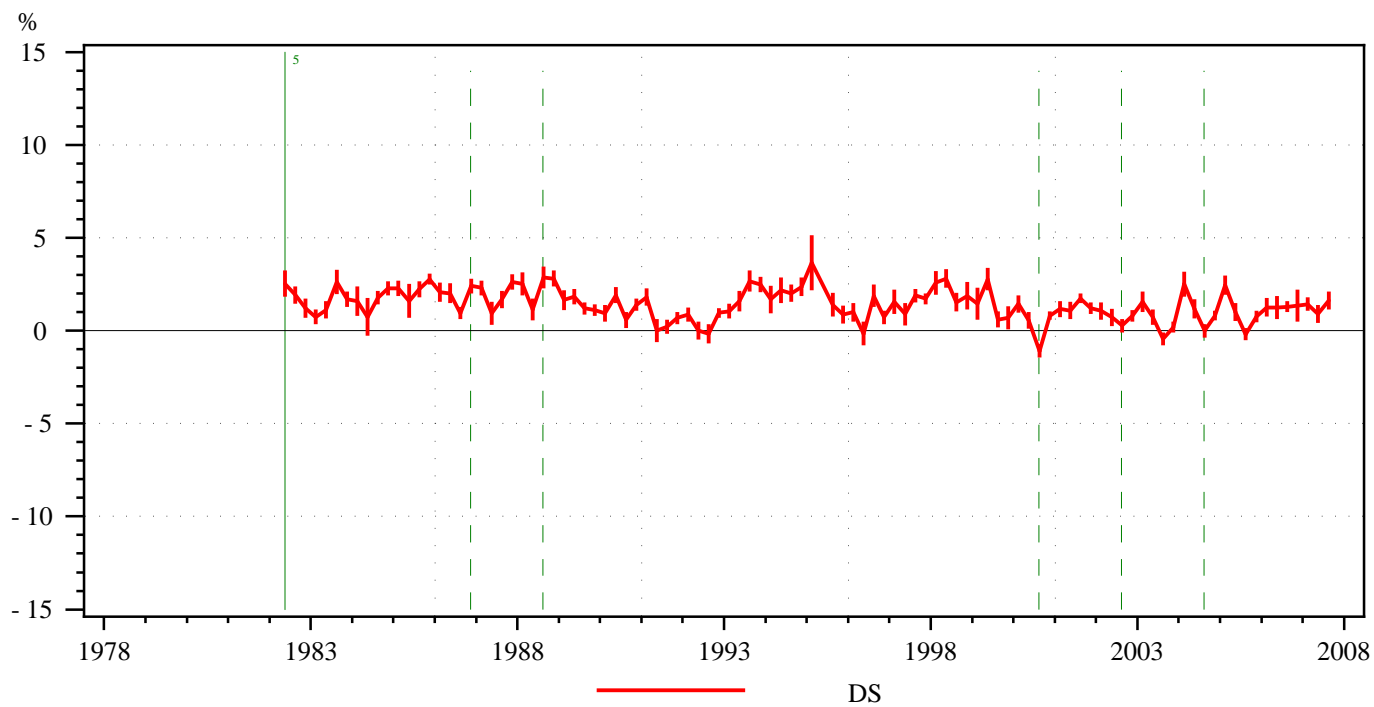
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	32	127	.	79.5	95
	Bias	.	.	0.8	1.25	.	1.03	0.44
	Daily sigma	.	.	2.25	2.97	.	2.61	0.72
	Monthly sigma	.	.	1.24	0.83	.	1.03	0.41

308 MADRID / BARAJAS, 40N, 4W, Brewer



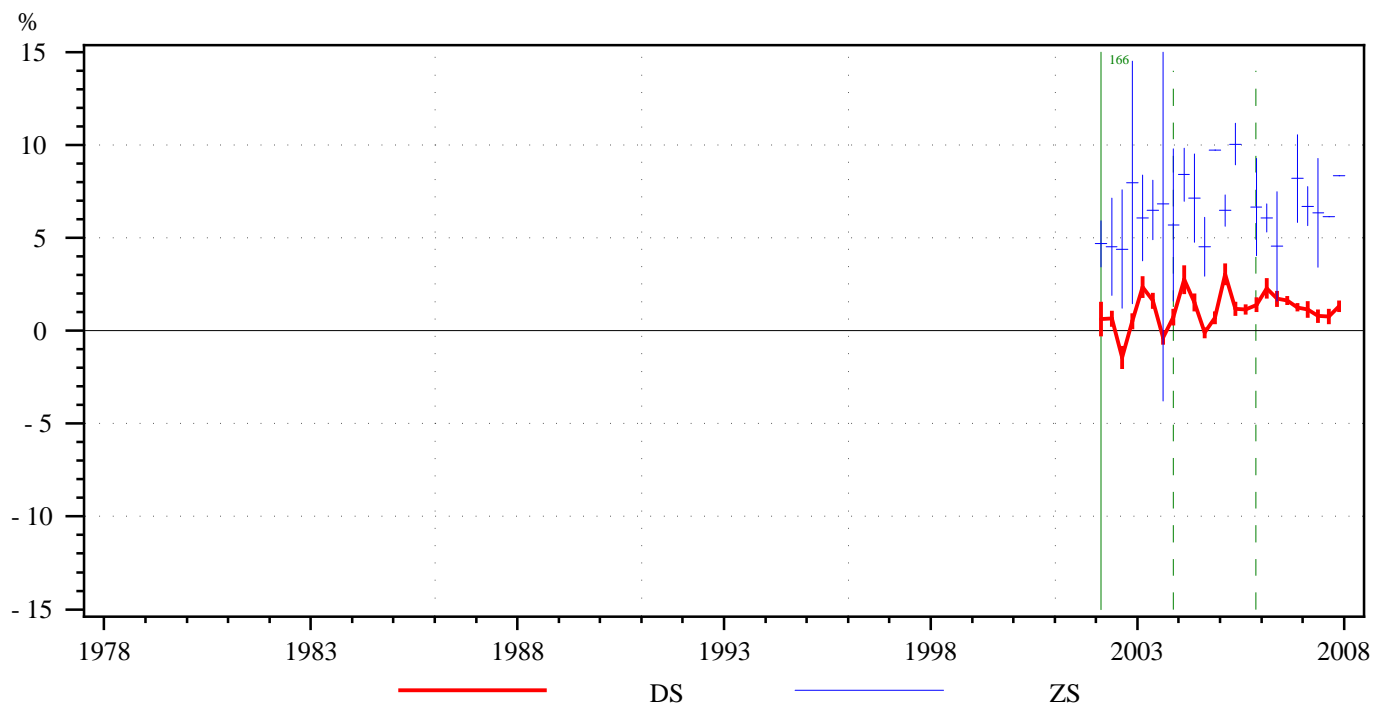
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	543	1071	1376	996.67	833
	Bias	.	.	0.47	1.1	1.29	0.95	0.81
	Daily sigma	.	.	2.53	1.87	1.94	2.11	0.65
	Monthly sigma	.	.	1.05	0.8	0.88	0.91	0.25
	Seasonal ampl.	.	.	0.31	0.38	0.39	0.36	0.08
	Annual range	.	.	2.08	0.81	1.19	1.36	1.27
ZS	Number of days	.	.	64	71	133	89.33	69
	Bias	.	.	-3.99	3.88	5.86	1.92	9.85
	Daily sigma	.	.	4.6	3.31	3.45	3.79	1.29
	Monthly sigma	.	.	1.42	1.53	2.54	1.83	1.12

261 THESSALONIKI, 41N, 23E, Brewer



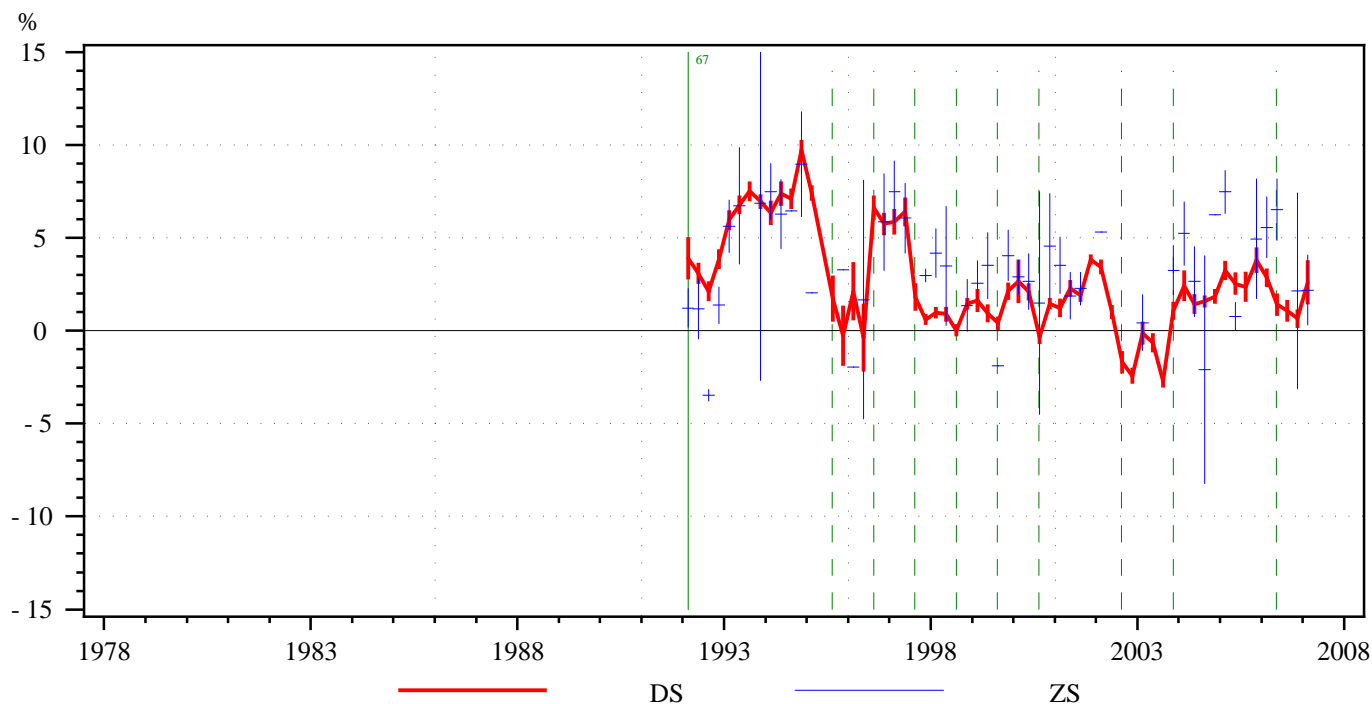
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	744	1167	1028	1128	1646	1142.6	902
	Bias	1.9	1.71	1.14	1.28	0.9	1.39	1
	Daily sigma	1.89	1.82	2.1	2.16	1.87	1.97	0.34
	Monthly sigma	0.89	0.83	1.06	1.12	0.86	0.95	0.3
	Seasonal ampl.	0.4	0.33	0.14	0.44	0.69	0.4	0.55
	Annual range	0.66	1	1.89	1.77	0.73	1.21	1.22

411 ZARAGOZA, 42N, 1W, Brewer



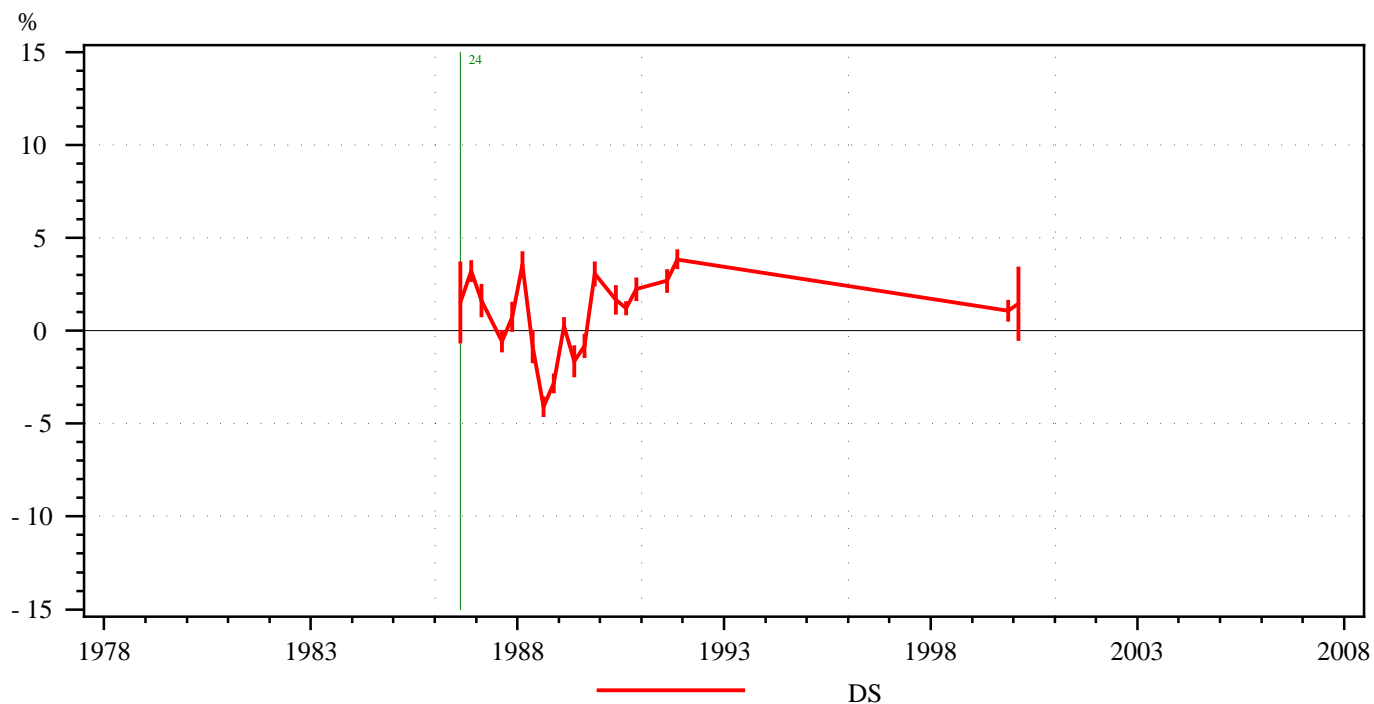
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	.	1528	1528	0
	Bias	.	.	.	.	1.13	1.13	0
	Daily sigma	.	.	.	.	2.3	2.3	0
	Monthly sigma	.	.	.	.	1.16	1.16	0
	Seasonal ampl.	.	.	.	.	1.12	1.12	0
	Annual range	.	.	.	.	1.25	1.25	0
ZS	Number of days	.	.	.	.	152	152	0
	Bias	.	.	.	.	6.54	6.54	0
	Daily sigma	.	.	.	.	3.31	3.31	0
	Monthly sigma	.	.	.	.	1.35	1.35	0

305 ROME UNIVERSITY, 42N, 13E, Brewer



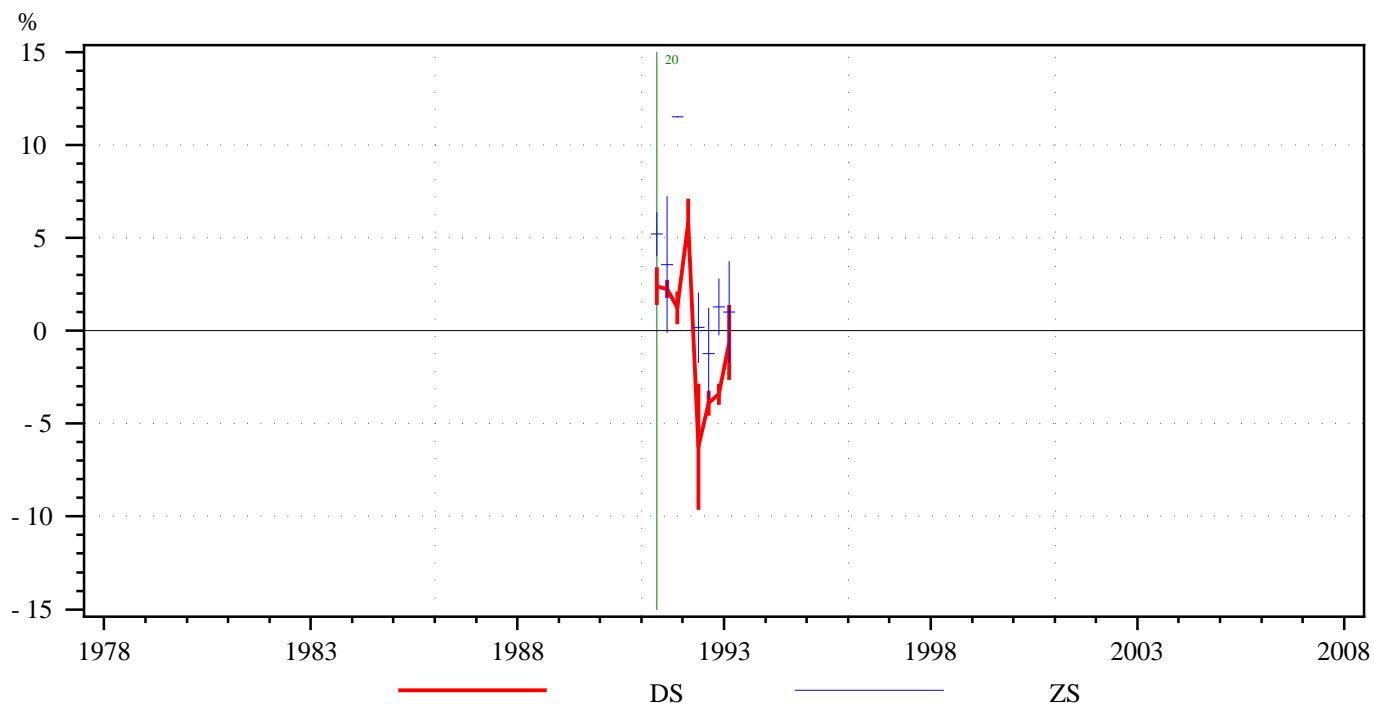
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	735	1256	1700	1230.33	965
	Bias	.	.	5.66	2.01	1.27	2.98	4.4
	Daily sigma	.	.	3.46	3.04	3.05	3.18	0.42
	Monthly sigma	.	.	2.48	2.49	1.99	2.32	0.5
	Seasonal ampl.	.	.	0.83	0.71	1.21	0.92	0.51
	Annual range	.	.	4.45	4.3	3.58	4.11	0.87
ZS	Number of days	.	.	93	164	124	127	71
	Bias	.	.	4.51	-1.17	4.55	2.63	5.72
	Daily sigma	.	.	4.71	12.4	3.81	6.97	8.59
	Monthly sigma	.	.	3.68	16.3	2.79	7.59	13.51

055 VIGNA DI VALLE, 42N, 12E, Brewer



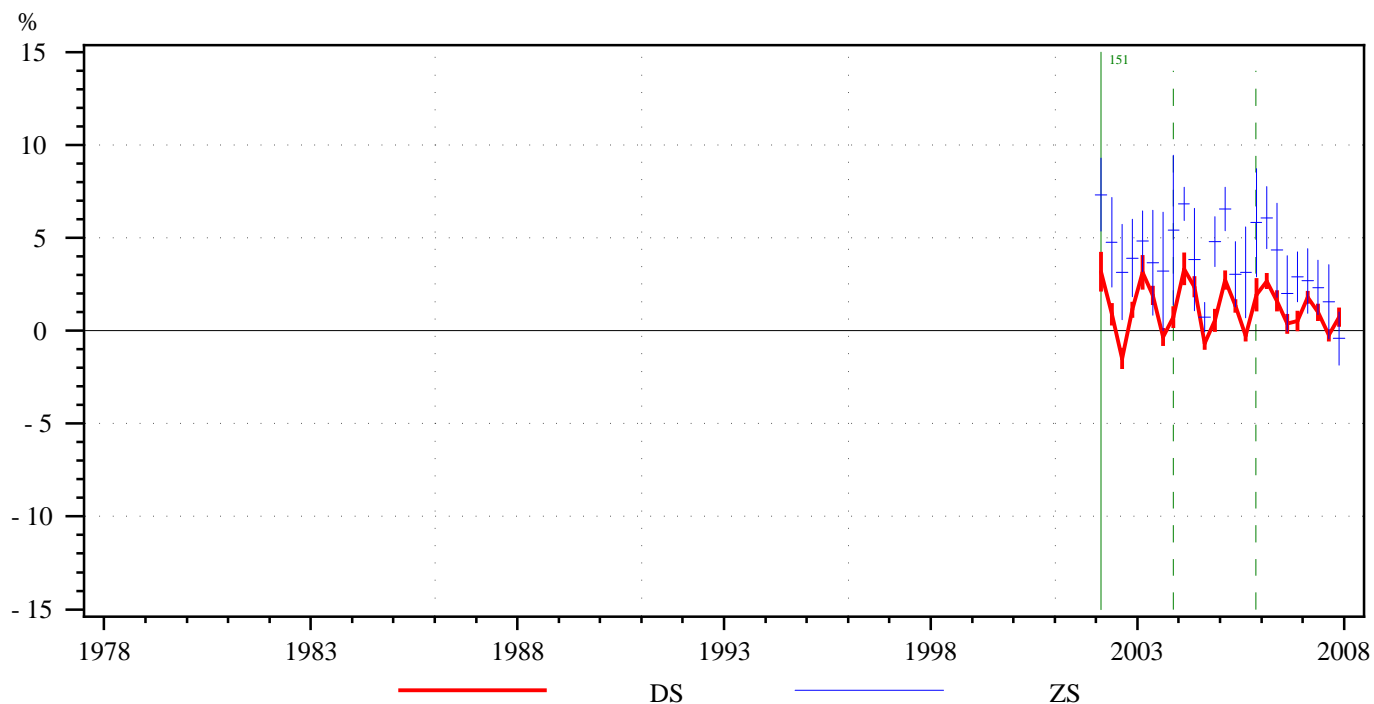
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	759	129	133	.	340.33	630
	Bias	.	0.16	3.25	1.74	.	1.72	3.09
	Daily sigma	.	3.37	2.44	6.8	.	4.2	4.36
	Monthly sigma	.	2.43	1.34	2.65	.	2.14	1.31
	Seasonal ampl.	.	1.66	.	.	.	1.66	0
	Annual range	.	3.58	.	.	.	3.58	0

296 LONDON (ONTARIO), 43N, 81W, Brewer



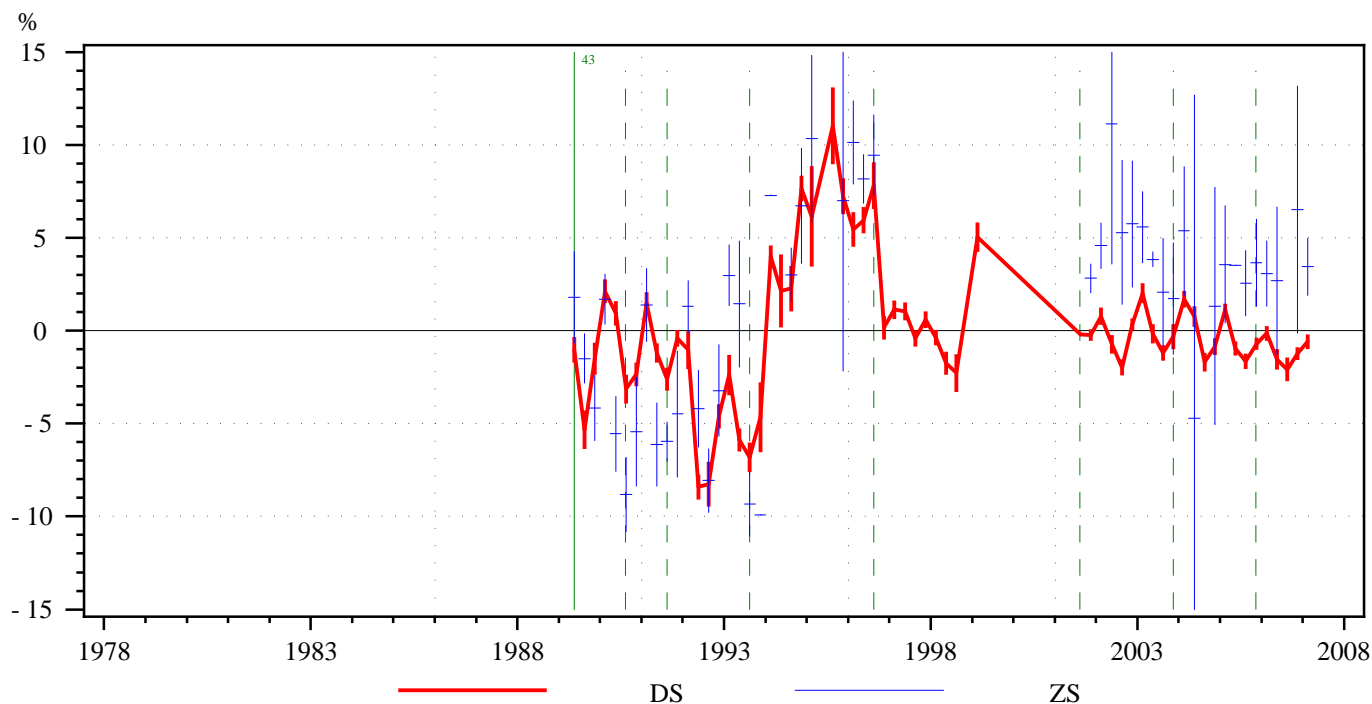
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	303	.	.	303	0
	Bias	.	.	-0.3	.	.	-0.3	0
	Daily sigma	.	.	4.1	.	.	4.1	0
	Monthly sigma	.	.	3.95	.	.	3.95	0
	Seasonal ampl.	.	.	2.78	.	.	2.78	0
	Annual range	.	.	6.15	.	.	6.15	0
ZS	Number of days	.	.	53	.	.	53	0
	Bias	.	.	2.54	.	.	2.54	0
	Daily sigma	.	.	4.85	.	.	4.85	0
	Monthly sigma	.	.	3.22	.	.	3.22	0

405 LA CORUÑA, 43N, 9W, Brewer



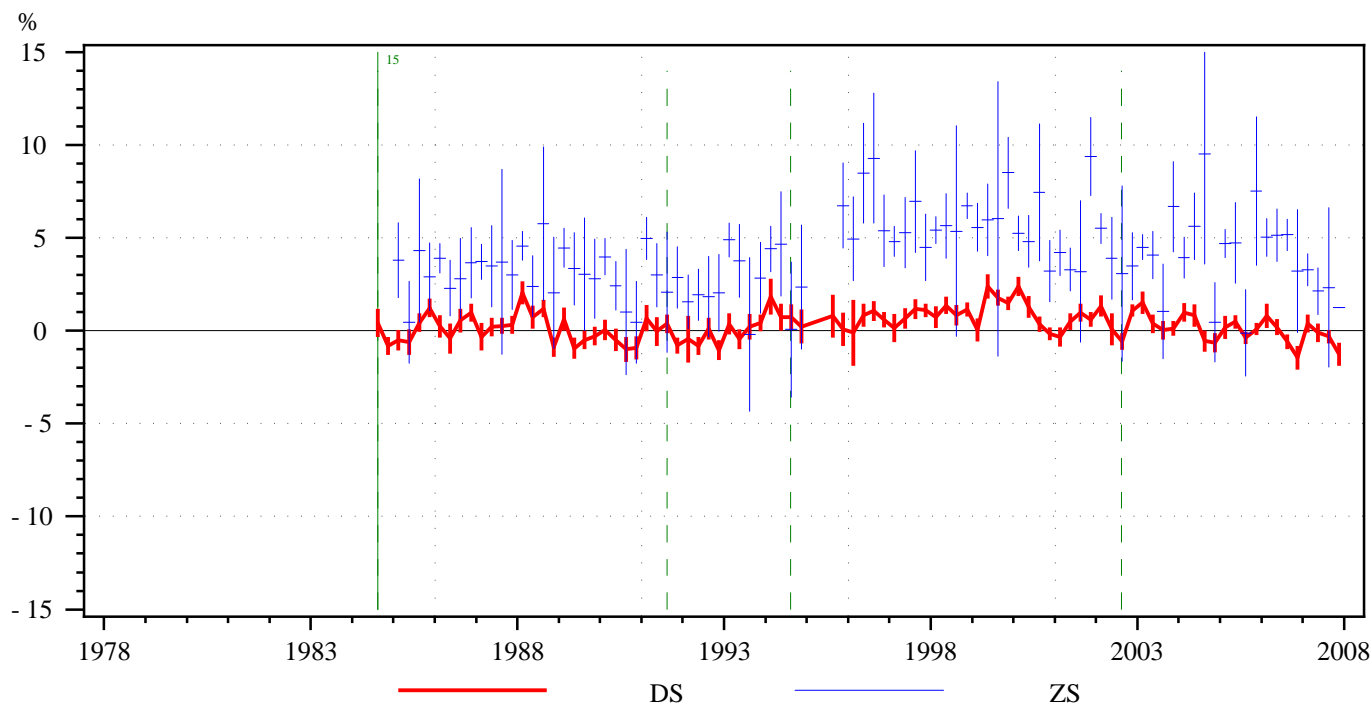
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	.	1432	1432	0
	Bias	.	.	.	.	1.14	1.14	0
	Daily sigma	.	.	.	.	2.73	2.73	0
	Monthly sigma	.	.	.	.	1.56	1.56	0
	Seasonal ampl.	.	.	.	.	1.9	1.9	0
	Annual range	.	.	.	.	0.43	0.43	0
ZS	Number of days	.	.	.	.	210	210	0
	Bias	.	.	.	.	4.74	4.74	0
	Daily sigma	.	.	.	.	3.61	3.61	0
	Monthly sigma	.	.	.	.	1.86	1.86	0

282 KISLOVODSK, 44N, 43E, Brewer



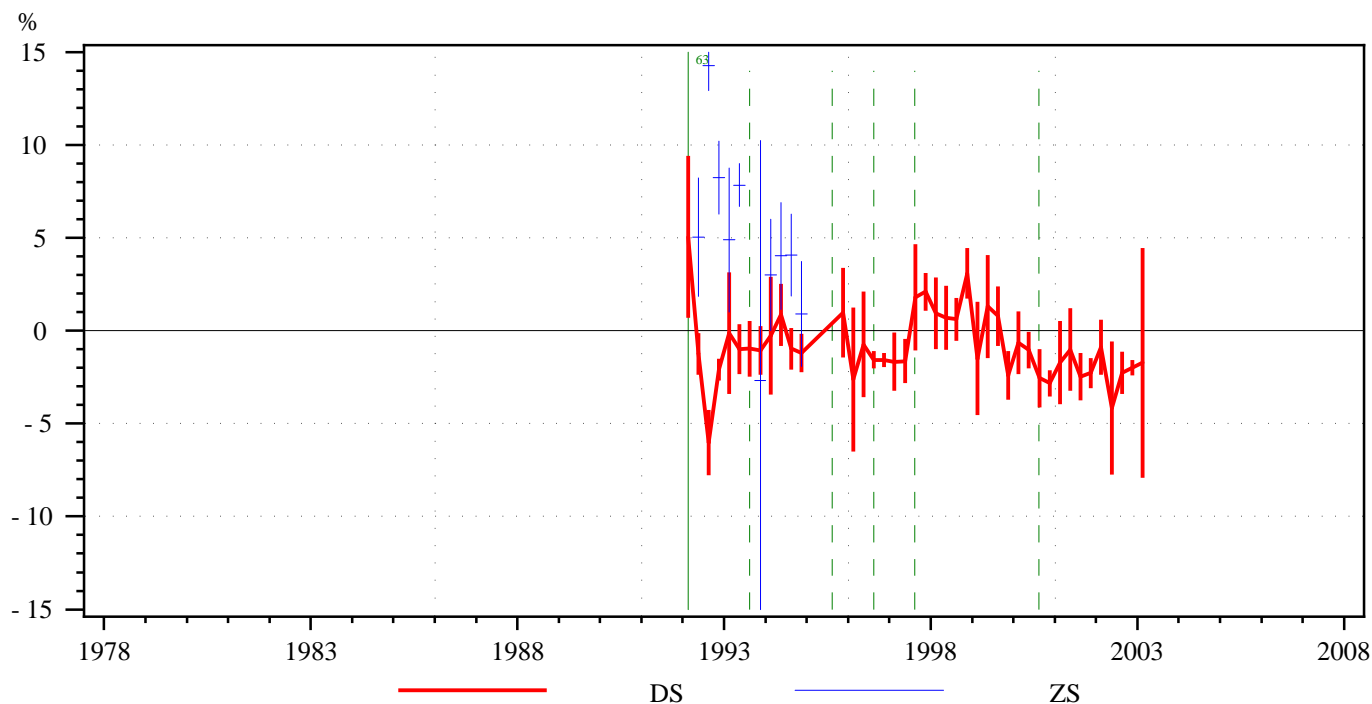
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	464	618	557	1630	817.25	1166
	Bias	.	-1.25	-1.61	0.97	-0.36	-0.56	2.58
	Daily sigma	.	5.6	5.71	3.77	2.23	4.33	3.48
	Monthly sigma	.	3.27	5.21	3.25	1.34	3.27	3.87
	Seasonal ampl.	.	4.27	3.44	0.45	1.44	2.4	3.83
	Annual range	.	1.19	12.37	4.1	1.46	4.78	11.17
ZS	Number of days	.	121	147	14	92	93.5	133
	Bias	.	-3.23	-1.69	8.92	4.11	2.03	12.14
	Daily sigma	.	5.48	6.42	2.55	4.24	4.67	3.87
	Monthly sigma	.	5.14	4.99	.	.	5.06	0.15

065 TORONTO, 44N, 79W, Brewer



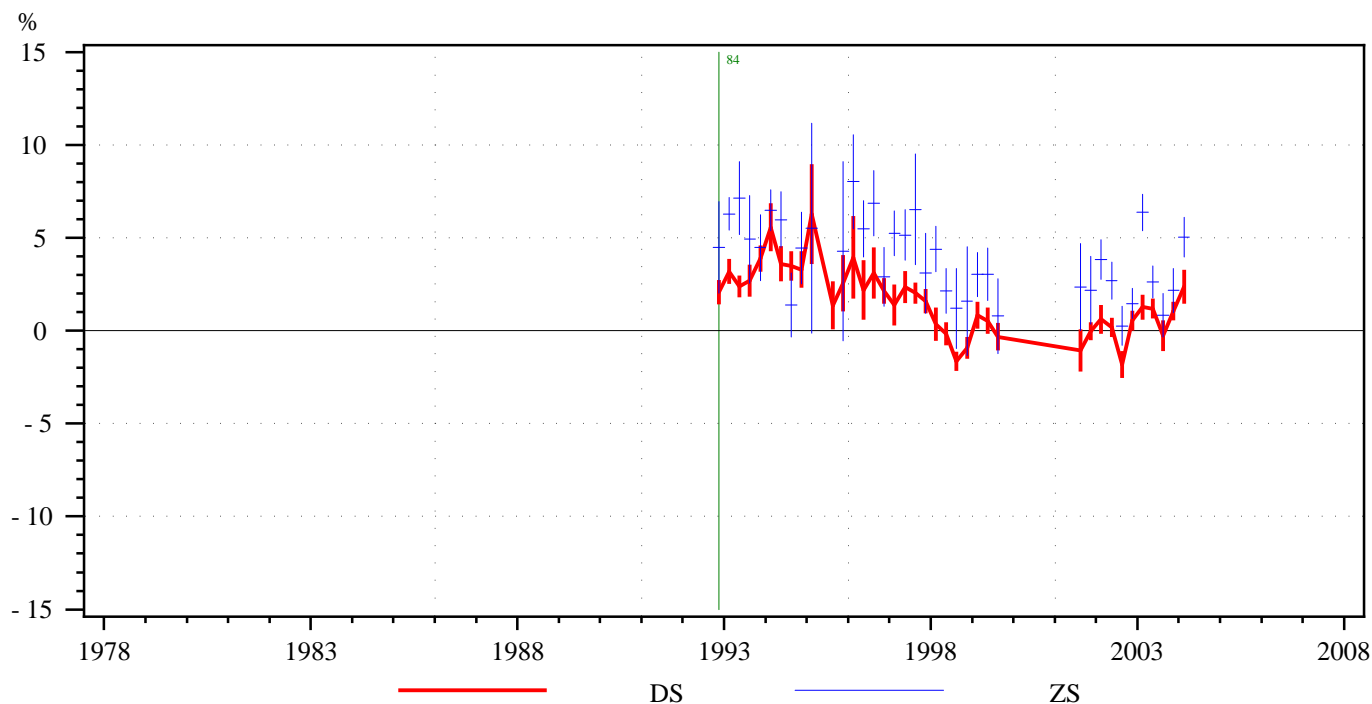
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	368	1259	849	1215	1600	1058.2	1232
	Bias	0.16	0.05	0	1	0.22	0.29	1
	Daily sigma	2.33	2.4	2.38	2.08	2.08	2.26	0.32
	Monthly sigma	1.13	1.03	1.03	0.88	0.83	0.98	0.3
	Seasonal ampl.	0.56	0.15	0.33	0.34	0.56	0.39	0.41
	Annual range	0.59	1.06	1.14	1.46	1.04	1.06	0.87
ZS	Number of days	81	426	299	316	388	302	345
	Bias	3.72	3.61	3.36	5.75	4.48	4.18	2.39
	Daily sigma	4.35	4.16	4.06	3.83	3.46	3.97	0.89
	Monthly sigma	0	1.85	1.36	1.37	0.99	1.11	1.85
	Seasonal ampl.	.	0.5	.	1.3	0.72	0.84	0.8
	Annual range	.	0.82	1.38	2.32	0.75	1.32	1.57

201 SESTOLA, 44N, 11E, Brewer



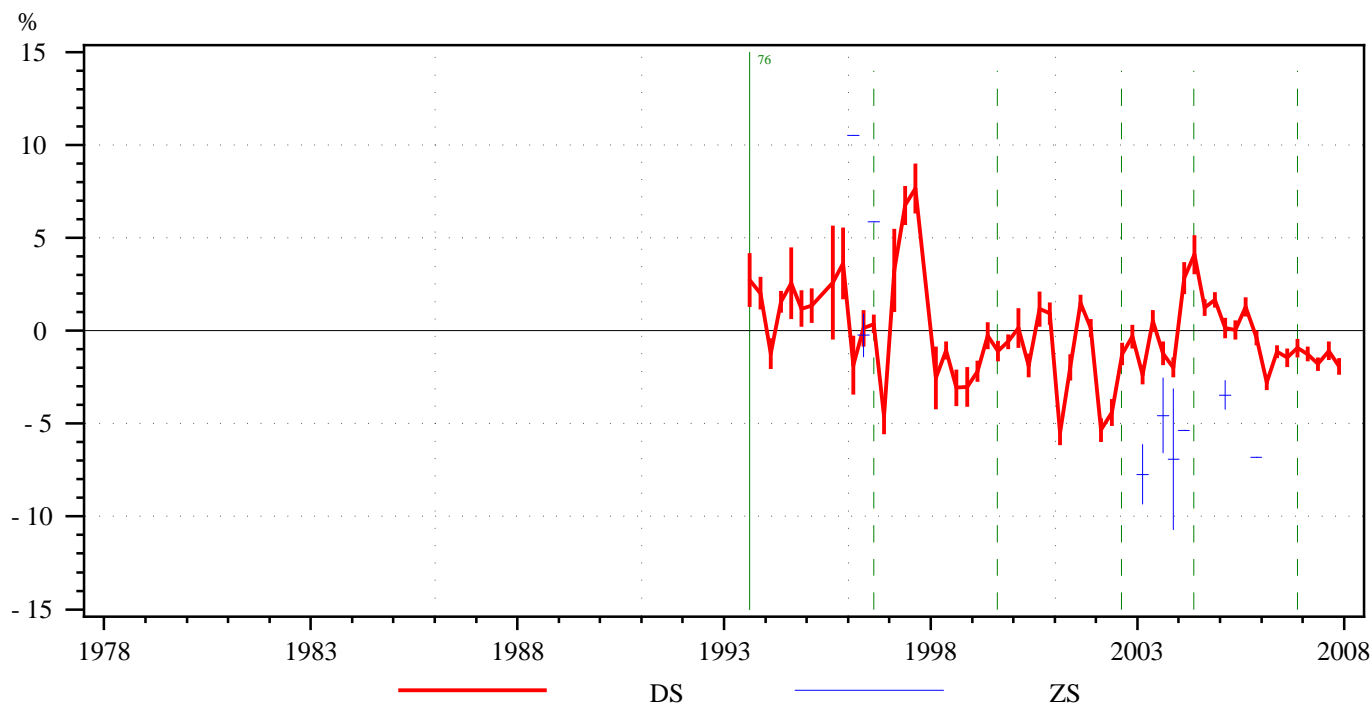
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	529	1007	397	644.33	610
	Bias	.	.	-1.03	-0.31	-1.69	-1.01	1.38
	Daily sigma	.	.	7.46	8.32	6.73	7.5	1.6
	Monthly sigma	.	.	3.7	4.88	2.02	3.53	2.85
	Seasonal ampl.	.	.	2.83	1.67	0.48	1.66	2.35
	Annual range	.	.	2.98	3.96	0.95	2.63	3.01
ZS	Number of days	.	.	100	.	.	100	0
	Bias	.	.	6.21	.	.	6.21	0
	Daily sigma	.	.	8.4	.	.	8.4	0
	Monthly sigma	.	.	4.05	.	.	4.05	0

321 HALIFAX (BEDFORD), 45N, 64W, Brewer



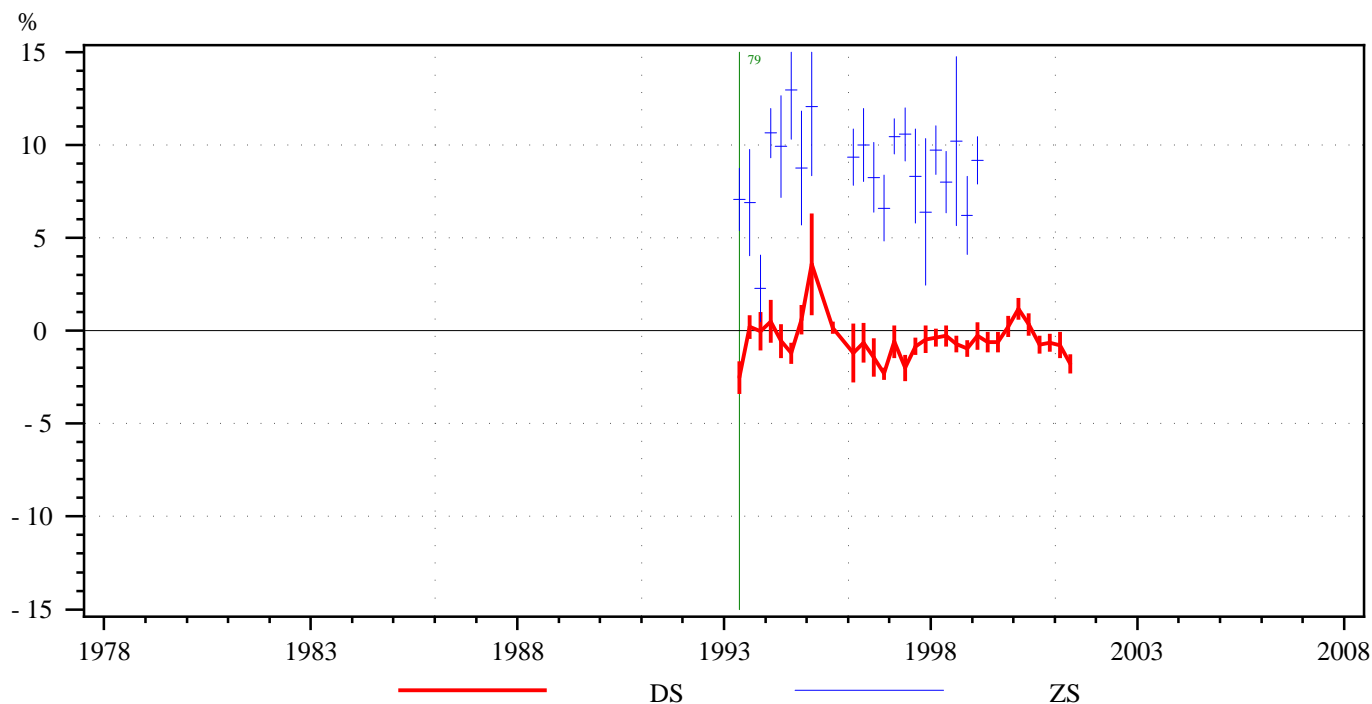
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	427	682	544	551	255
	Bias	.	.	3.44	0.79	0.41	1.55	3.03
	Daily sigma	.	.	3.06	3.08	2.81	2.98	0.27
	Monthly sigma	.	.	1.65	1.56	1.15	1.45	0.5
	Seasonal ampl.	.	.	0.86	0.57	0.97	0.8	0.4
	Annual range	.	.	0.18	2.92	0.99	1.36	2.74
ZS	Number of days	.	.	200	285	300	261.67	100
	Bias	.	.	6.07	3.78	2.88	4.25	3.19
	Daily sigma	.	.	4.61	4.15	3.44	4.07	1.16
	Monthly sigma	.	.	2.55	1.69	2.08	2.11	0.87
	Seasonal ampl.	.	.	.	.	2.25	2.25	0
	Annual range	.	.	1.2	2.88	0.21	1.43	2.68

326 LONGFENGSHAN, 45N, 128E, Brewer



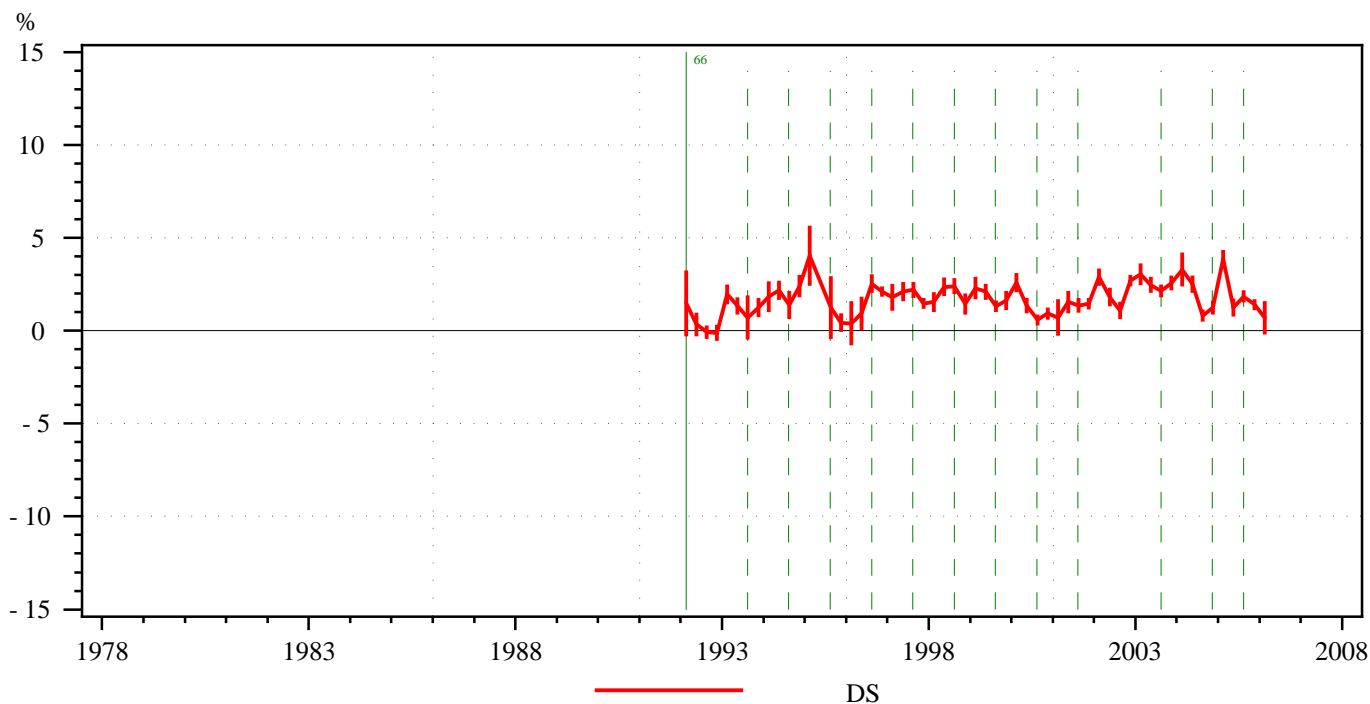
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	199	961	1743	967.67	1544
	Bias	.	.	0.89	-0.2	-0.66	0.01	1.55
	Daily sigma	.	.	2.8	5.66	3.34	3.93	2.86
	Monthly sigma	.	.	2.07	4.44	2.53	3.01	2.36
	Seasonal ampl.	.	.	.	1.58	1.01	1.29	0.58
	Annual range	.	.	0.47	12.45	4.9	5.94	11.98
ZS	Number of days	.	.	.	.	21	21	0
	Bias	.	.	.	.	-5.93	-5.93	0
	Daily sigma	.	.	.	.	3.08	3.08	0

319 MONTREAL (DORVAL), 45N, 74W, Brewer



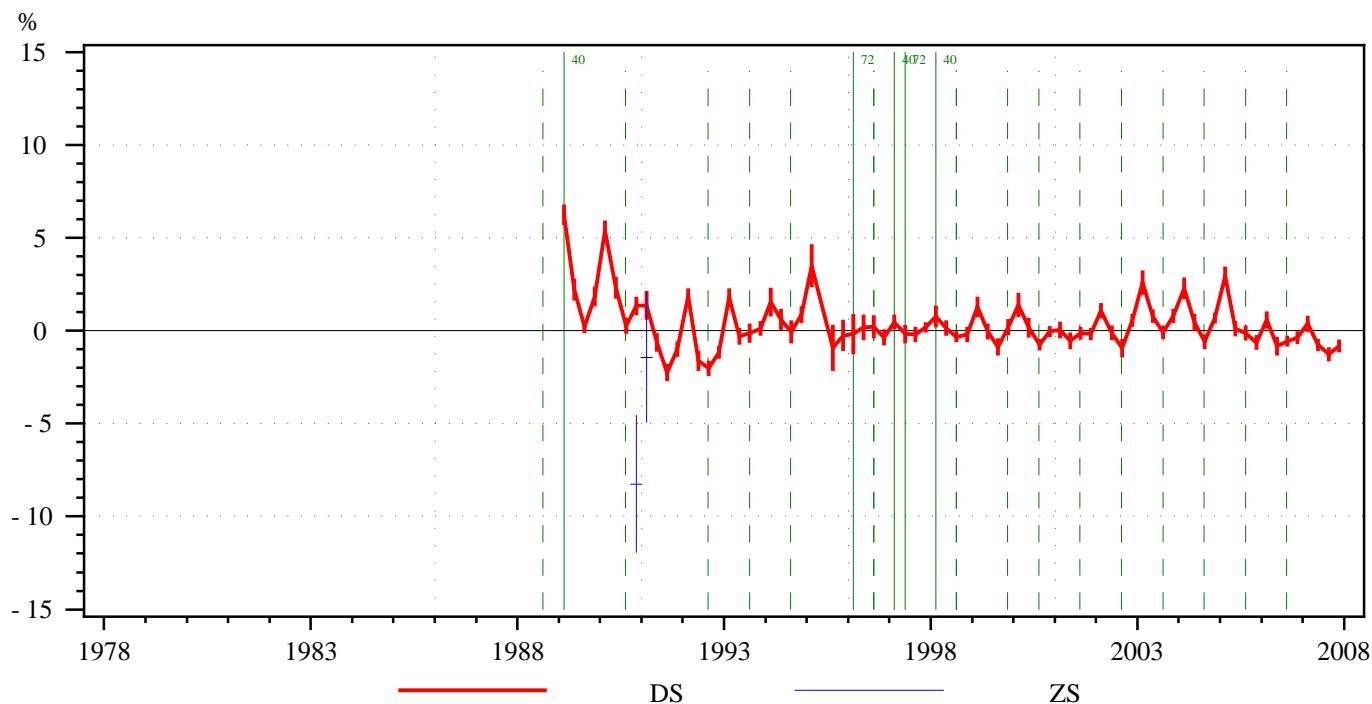
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	275	1214	62	517	1152
	Bias	.	.	-0.3	-0.64	-1.19	-0.71	0.9
	Daily sigma	.	.	3.04	2.43	2.19	2.55	0.85
	Monthly sigma	.	.	1.59	1.08	1.26	1.31	0.5
	Seasonal ampl.	.	.	.	0.39	.	0.39	0
	Annual range	.	.	0.27	1.58	.	0.93	1.31
ZS	Number of days	.	.	81	165	.	123	84
	Bias	.	.	10.51	10.35	.	10.43	0.16
	Daily sigma	.	.	5.63	4.63	.	5.13	0.99
	Monthly sigma	.	.	2.52	1.2	.	1.86	1.33

301 J.R.C. ISPRA (VARESE), 46N, 9E, Brewer



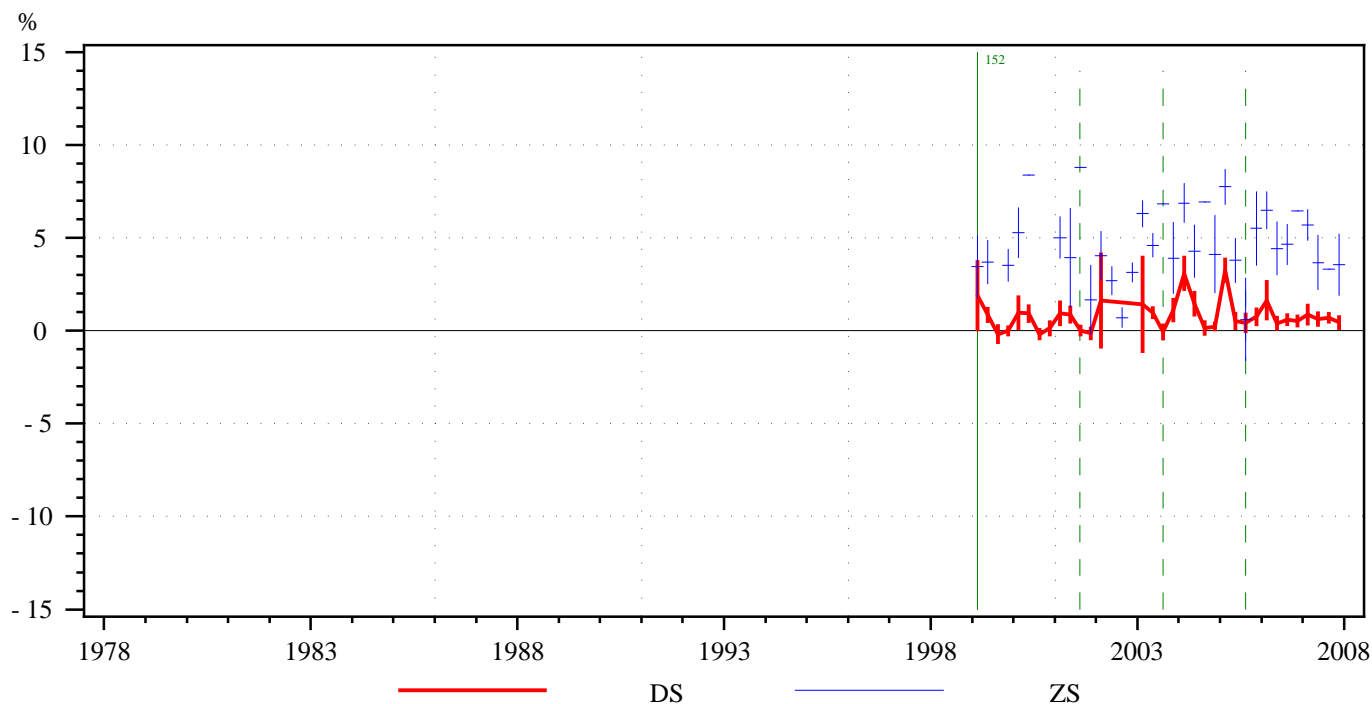
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	663	1332	1527	1174	864
	Bias	.	.	1.21	1.8	1.98	1.66	0.77
	Daily sigma	.	.	2.41	2.19	2.14	2.24	0.27
	Monthly sigma	.	.	1.2	0.8	1.05	1.02	0.41
	Seasonal ampl.	.	.	0.85	0.23	0.69	0.59	0.62
	Annual range	.	.	1.82	1.06	0.98	1.29	0.84

035 AROSA, 47N, 10E, Brewer



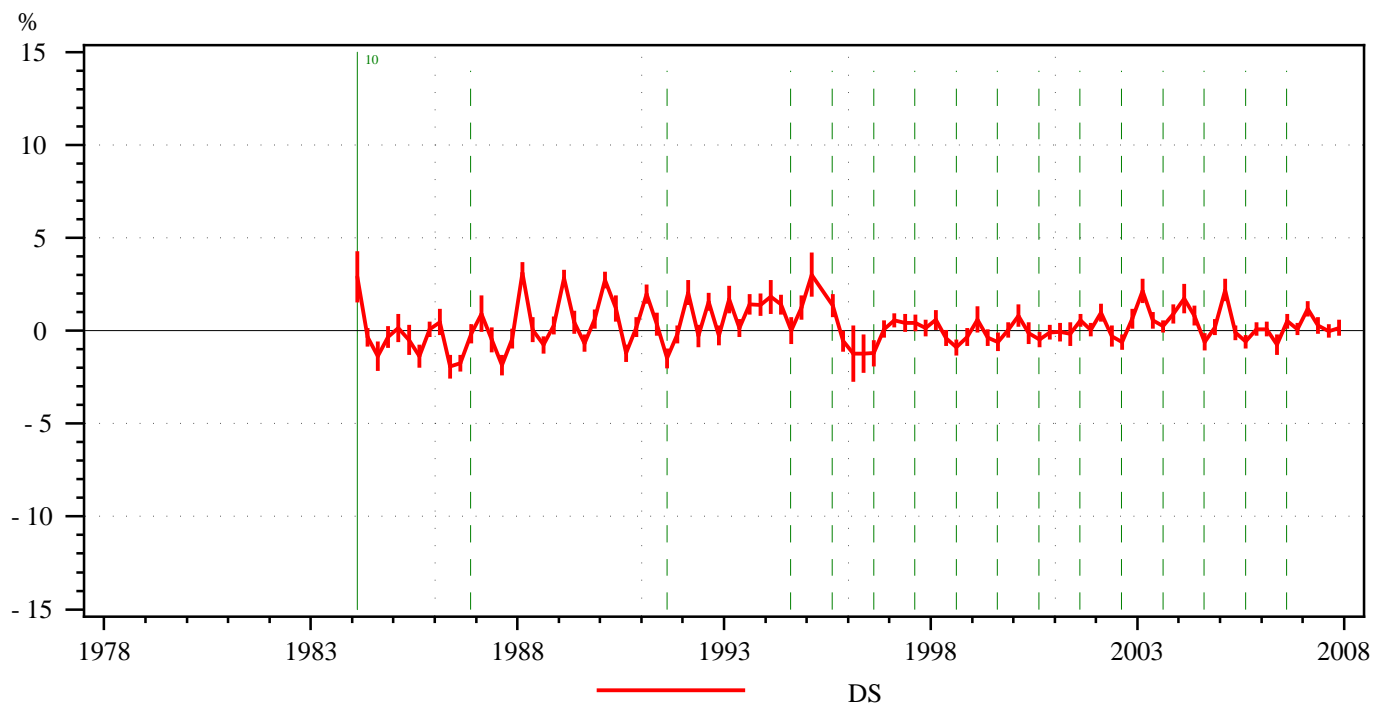
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	542	996	1426	1750	1178.5	1208
	Bias	.	2.38	-0.16	0.01	0.31	0.63	2.53
	Daily sigma	.	2.86	2.32	1.91	2.04	2.29	0.95
	Monthly sigma	.	2.23	1.54	0.75	1.13	1.41	1.48
	Seasonal ampl.	.	2.93	1.56	0.64	1.09	1.55	2.29
	Annual range	.	0.66	1.46	0.47	1.3	0.97	0.99
ZS	Number of days	.	10	.	.	.	10	0
	Bias	.	-6.89	.	.	.	-6.89	0
	Daily sigma	.	5.51	.	.	.	5.51	0

100 BUDAPEST- LORINC, 47N, 19E, Brewer



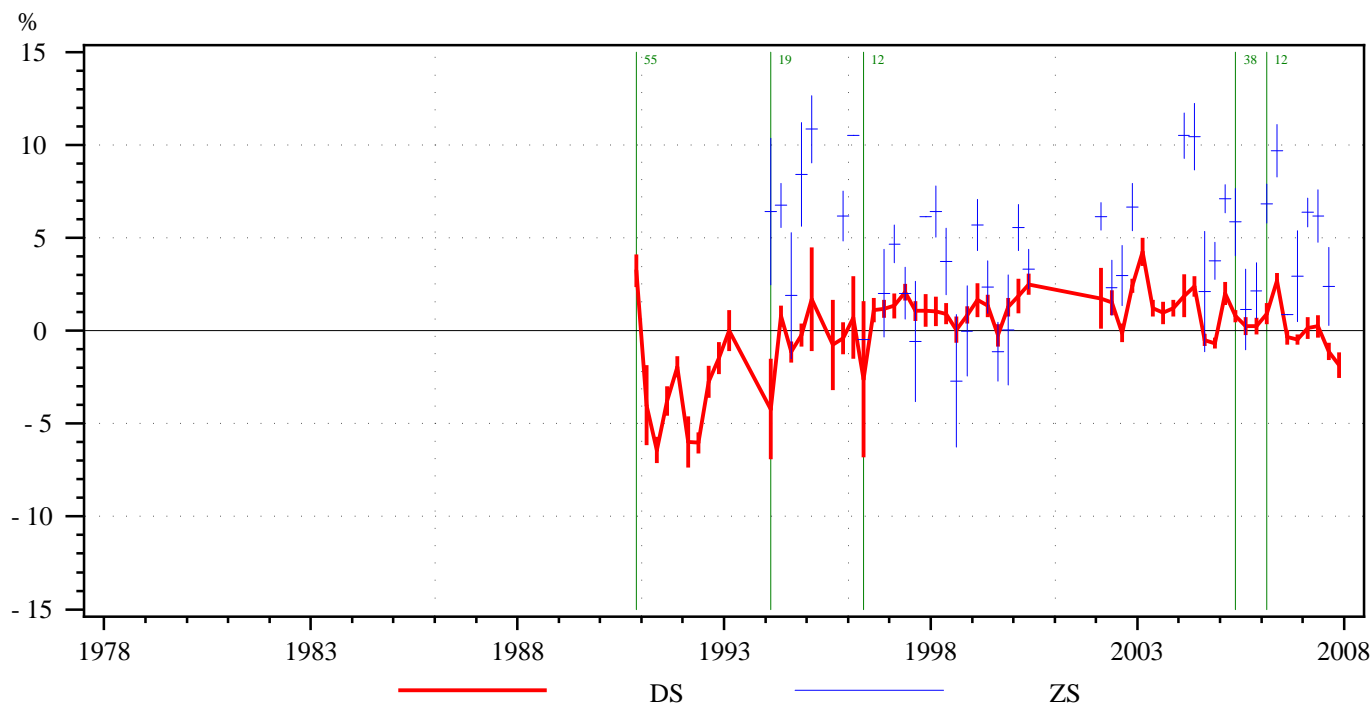
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	539	1132	835.5	593
	Bias	.	.	.	0.46	0.78	0.62	0.32
	Daily sigma	.	.	.	2.27	2.2	2.23	0.07
	Monthly sigma	.	.	.	0.77	1.04	0.91	0.27
	Seasonal ampl.	.	.	.	0.89	0.95	0.92	0.06
	Annual range	.	.	.	0.16	0.81	0.49	0.65
ZS	Number of days	.	.	.	78	540	309	462
	Bias	.	.	.	4.49	4.12	4.31	0.36
	Daily sigma	.	.	.	3.13	3.67	3.4	0.54
	Monthly sigma	.	.	.	1.13	2.63	1.88	1.5
	Seasonal ampl.	.	.	.	.	2.75	2.75	0
	Annual range	.	.	.	.	3.13	3.13	0

099 HOHENPEISSENBERG, 48N, 11E, Brewer



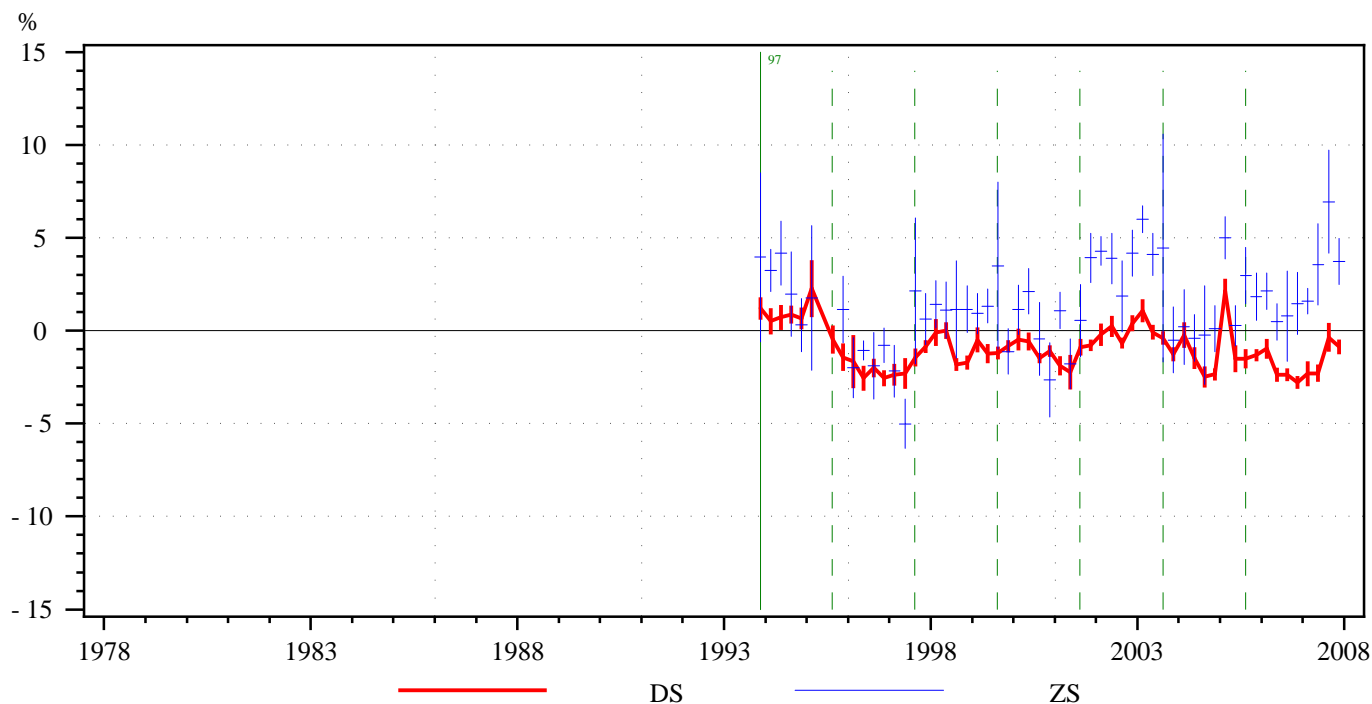
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	314	1278	922	1305	1793	1122.4	1479
	Bias	-0.33	0.12	0.65	-0.12	0.36	0.14	0.97
	Daily sigma	2.16	2.65	2.47	2.08	2.19	2.31	0.57
	Monthly sigma	1.23	1.71	1.38	0.83	0.99	1.23	0.88
	Seasonal ampl.	1.1	1.88	0.87	0.5	0.78	1.02	1.37
	Annual range	0.03	1.6	1.23	0.96	0.94	0.95	1.57

290 SATURNA ISLAND, 49N, 123W, Brewer



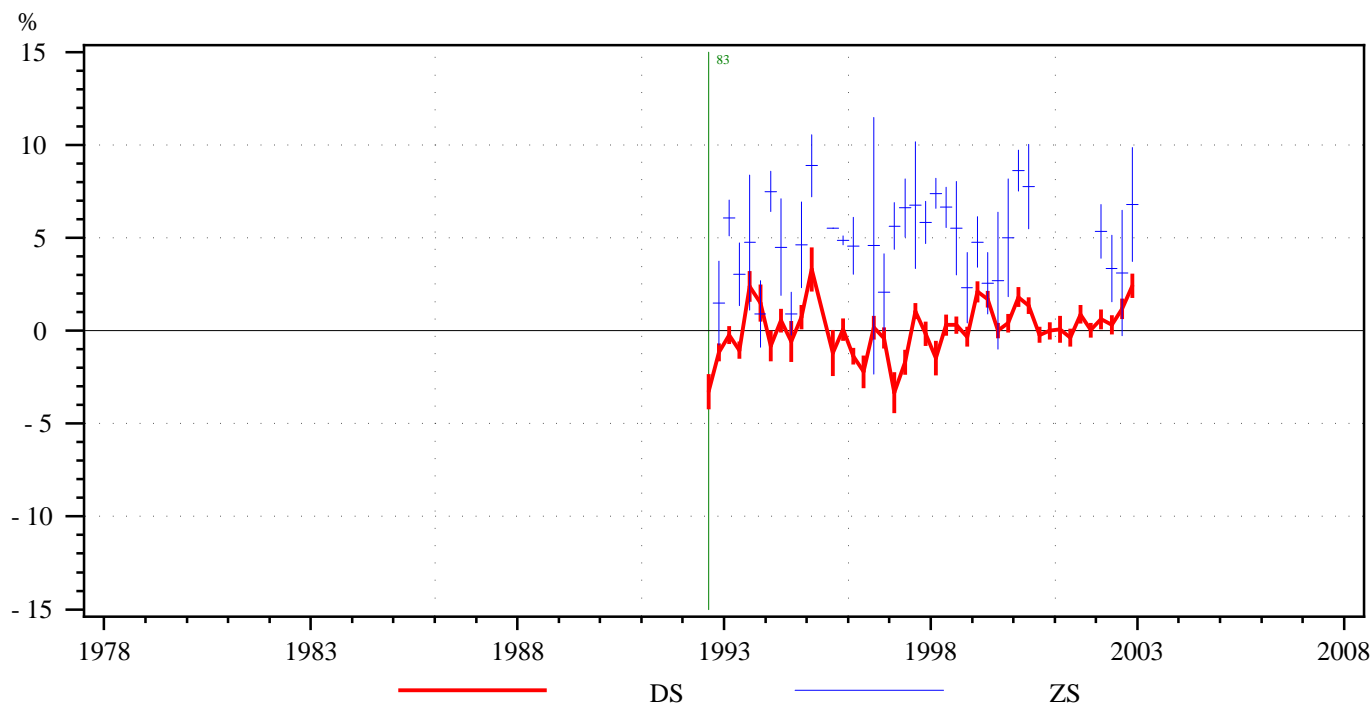
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	30	541	876	1520	741.75	1490
	Bias	.	2.02	-2.56	1.15	0.77	0.34	4.58
	Daily sigma	.	3.68	3.78	2.35	2.43	3.06	1.43
	Monthly sigma	.	.	2.83	0.85	1.4	1.69	1.97
	Seasonal ampl.	.	.	1.52	0.7	1.28	1.17	0.81
	Annual range	.	.	3.34	1.77	1.24	2.12	2.11
ZS	Number of days	.	.	51	245	238	178	194
	Bias	.	.	7.42	3.28	6.17	5.62	4.14
	Daily sigma	.	.	3.67	4.12	3.77	3.85	0.45
	Monthly sigma	.	.	2.5	2.67	3	2.72	0.5
	Annual range	.	.	.	0.25	.	0.25	0

331 POPRAD- GANOVCE, 49N, 20E, Brewer



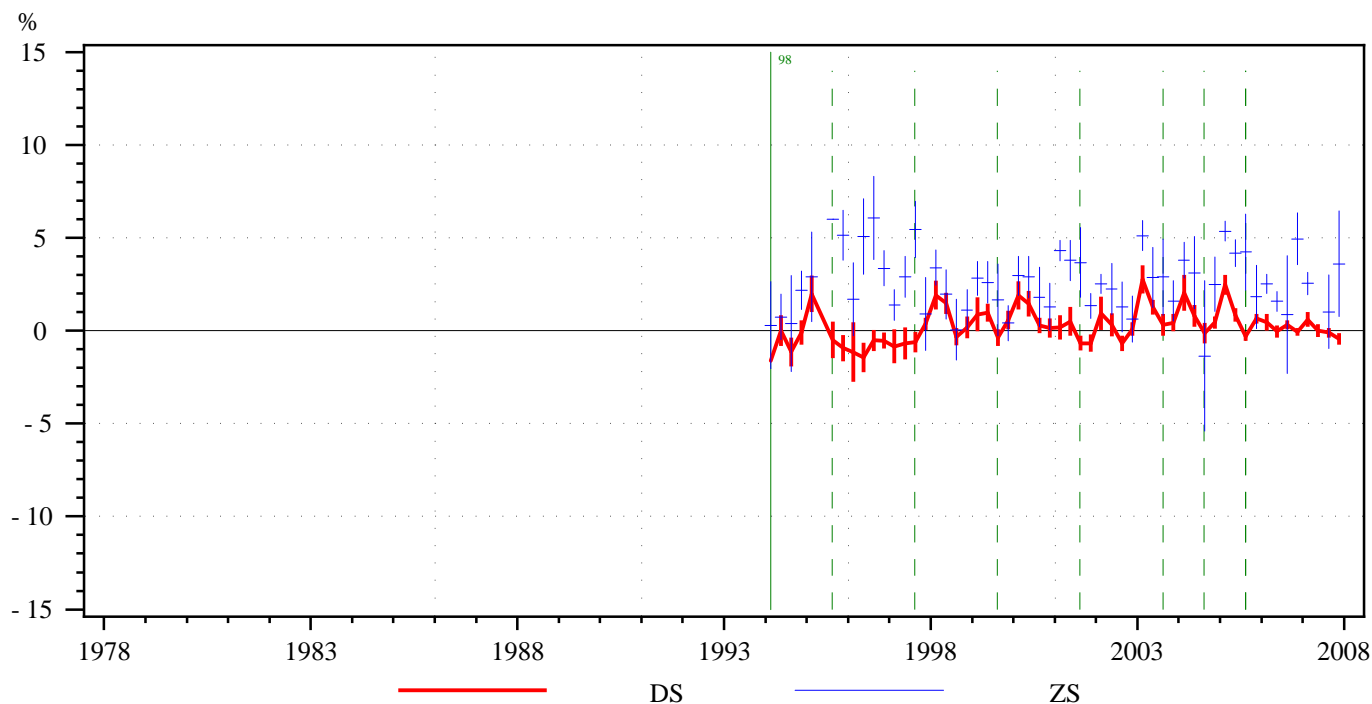
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	294	1371	1757	1140.67	1463
	Bias	.	.	0.52	-1.28	-1.03	-0.59	1.8
	Daily sigma	.	.	2.33	2.29	2.72	2.45	0.42
	Monthly sigma	.	.	1.15	0.92	1.48	1.18	0.55
	Seasonal ampl.	.	.	.	0.42	0.78	0.6	0.37
	Annual range	.	.	0.08	1.35	2.59	1.34	2.51
ZS	Number of days	.	.	75	296	379	250	304
	Bias	.	.	2.43	0.42	2.03	1.63	2.01
	Daily sigma	.	.	3.36	3.54	3.59	3.5	0.23
	Monthly sigma	.	.	2.57	1.7	2.39	2.22	0.87
	Seasonal ampl.	.	.	.	.	1.88	1.88	0
	Annual range	.	.	.	0.6	0.88	0.74	0.27

320 WINNIPEG, 50N, 97W, Brewer



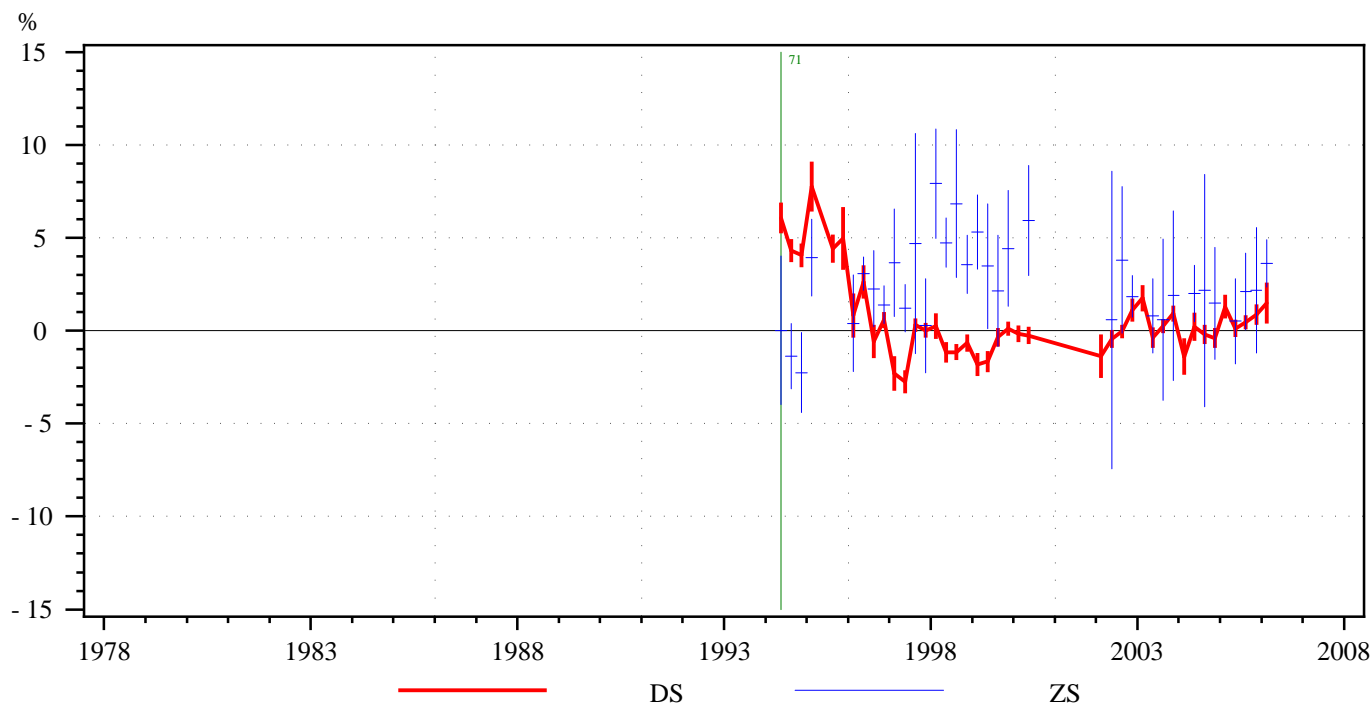
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	506	1189	523	739.33	683
	Bias	.	.	-0.14	0.17	0.68	0.24	0.82
	Daily sigma	.	.	2.59	2.46	2.3	2.45	0.29
	Monthly sigma	.	.	1.68	1.5	1.03	1.4	0.65
	Seasonal ampl.	.	.	0.17	0.26	0.3	0.24	0.12
	Annual range	.	.	1.92	1.86	0.86	1.55	1.06
ZS	Number of days	.	.	157	297	30	161.33	267
	Bias	.	.	4.15	5.76	4.73	4.88	1.61
	Daily sigma	.	.	4.03	4.58	3.26	3.95	1.33
	Monthly sigma	.	.	3.12	2.45	.	2.78	0.67
	Annual range	.	.	.	0.79	.	0.79	0

096 HRADEC KRALOVE, 50N, 16E, Brewer



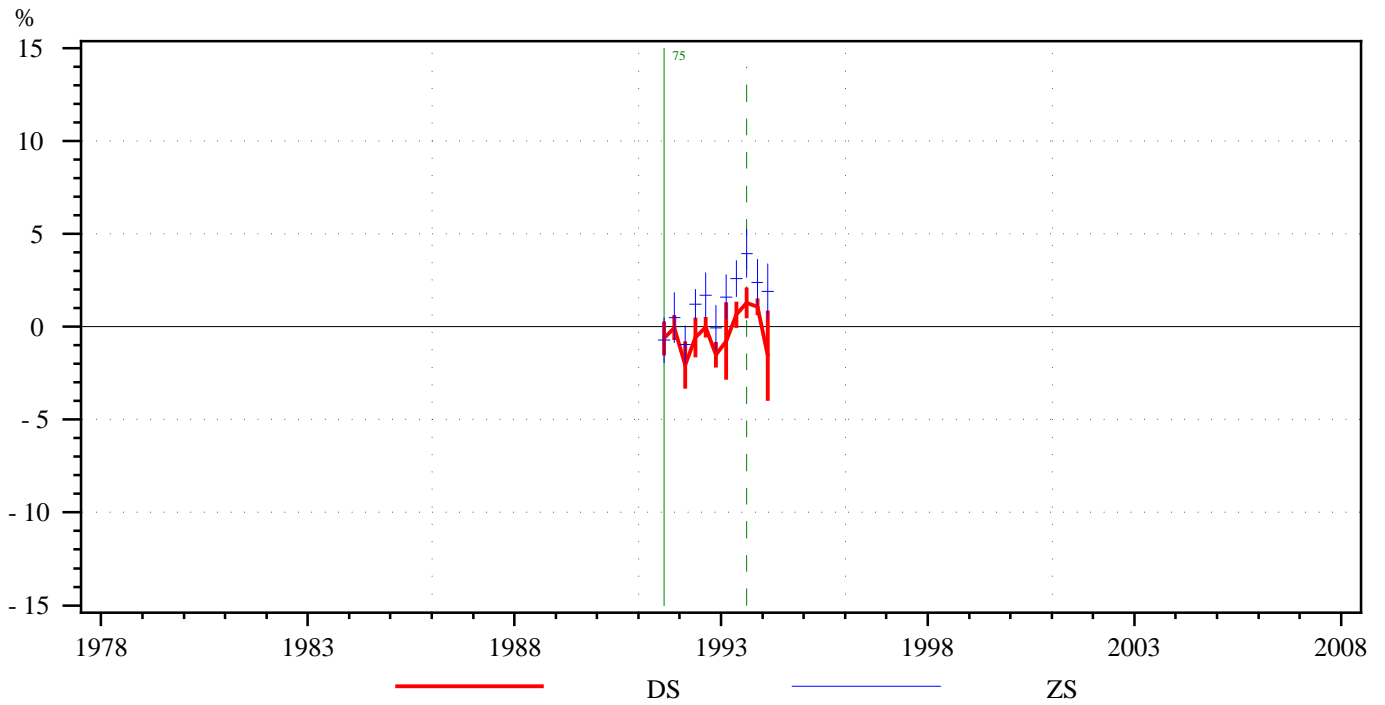
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	157	1185	2280	1207.33	2123
	Bias	.	.	-0.49	0.27	0.41	0.06	0.9
	Daily sigma	.	.	2.37	2.47	2.18	2.34	0.29
	Monthly sigma	.	.	0.7	1.08	1.12	0.97	0.42
	Seasonal ampl.	.	.	.	0.69	0.92	0.8	0.23
	Annual range	.	.	.	1.35	1.12	1.23	0.23
ZS	Number of days	.	.	105	486	708	433	603
	Bias	.	.	1.77	2.64	3.25	2.55	1.48
	Daily sigma	.	.	3.46	3.21	2.96	3.21	0.5
	Monthly sigma	.	.	0.92	1.55	1.58	1.35	0.66
	Seasonal ampl.	.	.	.	0.74	0.84	0.79	0.1
	Annual range	.	.	.	1.04	1.99	1.51	0.95

338 BRATTS LAKE (REGINA), 50N, 105W, Brewer



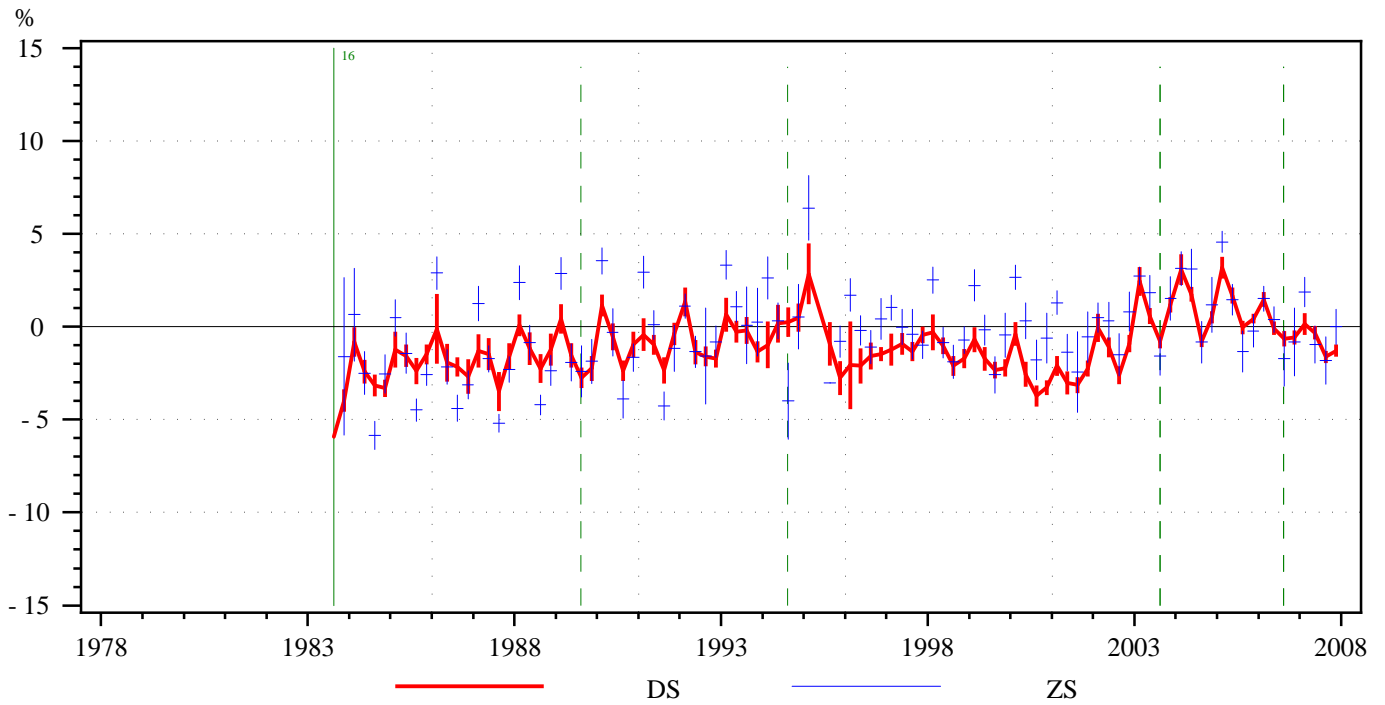
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	171	1123	1157	817	986
	Bias	.	.	4.84	-0.57	0.27	1.52	5.41
	Daily sigma	.	.	2.85	2.35	2.45	2.55	0.5
	Monthly sigma	.	.	2.24	1.36	1.24	1.61	0.99
	Seasonal ampl.	.	.	.	0.65	0.39	0.52	0.25
	Annual range	.	.	.	1.21	0.53	0.87	0.68
ZS	Number of days	.	.	22	127	84	77.67	105
	Bias	.	.	-0.51	3.74	2.27	1.83	4.25
	Daily sigma	.	.	3.42	4.66	3.91	4	1.24
	Monthly sigma	.	.	.	3.8	.	3.8	0

036 CAMBORNE, 50N, 5W, Brewer



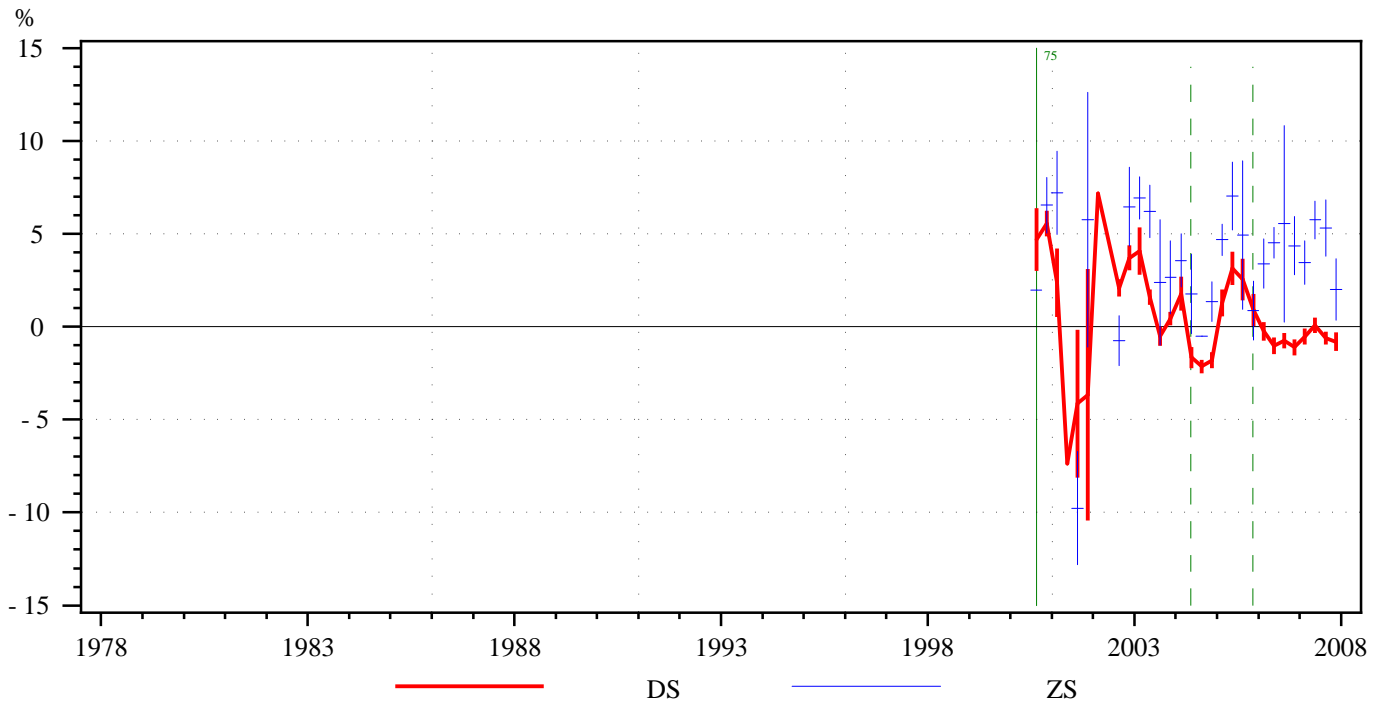
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	314	.	.	314	0
	Bias	.	.	-0.2	.	.	-0.2	0
	Daily sigma	.	.	2.8	.	.	2.8	0
	Monthly sigma	.	.	1.17	.	.	1.17	0
	Seasonal ampl.	.	.	1.09	.	.	1.09	0
	Annual range	.	.	1.38	.	.	1.38	0
ZS	Number of days	.	.	495	.	.	495	0
	Bias	.	.	1.12	.	.	1.12	0
	Daily sigma	.	.	4.34	.	.	4.34	0
	Monthly sigma	.	.	1.9	.	.	1.9	0
	Seasonal ampl.	.	.	0.89	.	.	0.89	0
	Annual range	.	.	2.59	.	.	2.59	0

053 UCCLE, 51N, 4E, Brewer



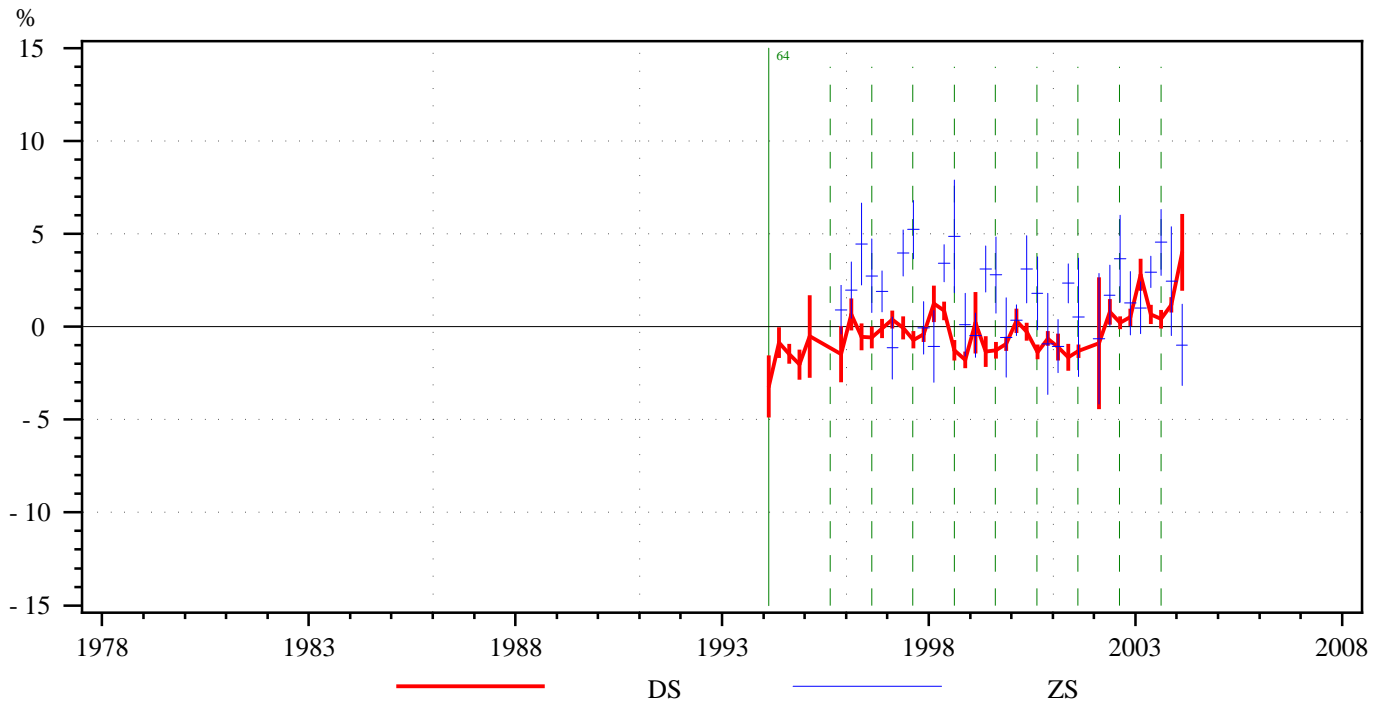
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	286	668	772	1027	2800	1110.6	2514
	Bias	-2.3	-1.57	-0.73	-1.77	0	-1.27	2.3
	Daily sigma	2.06	2.47	2.6	2.23	2.9	2.45	0.83
	Monthly sigma	1.22	1.37	1.32	1.07	1.89	1.38	0.82
	Seasonal ampl.	.	1.66	0.64	0.72	1.52	1.14	1.01
	Annual range	1.03	0.96	1.79	2.11	3.01	1.78	2.05
ZS	Number of days	281	864	483	628	1064	664	783
	Bias	-2.24	-1.28	0.5	0.33	1.3	-0.28	3.54
	Daily sigma	3.63	3.98	3.5	2.92	3.76	3.56	1.06
	Monthly sigma	2.68	2.85	2.46	1.72	2.07	2.36	1.12
	Seasonal ampl.	.	3.7	2.72	2.06	2.3	2.69	1.65
	Annual range	1.5	1.8	2.49	0.55	3.59	1.98	3.04

353 READING, 51N, 1W, Brewer



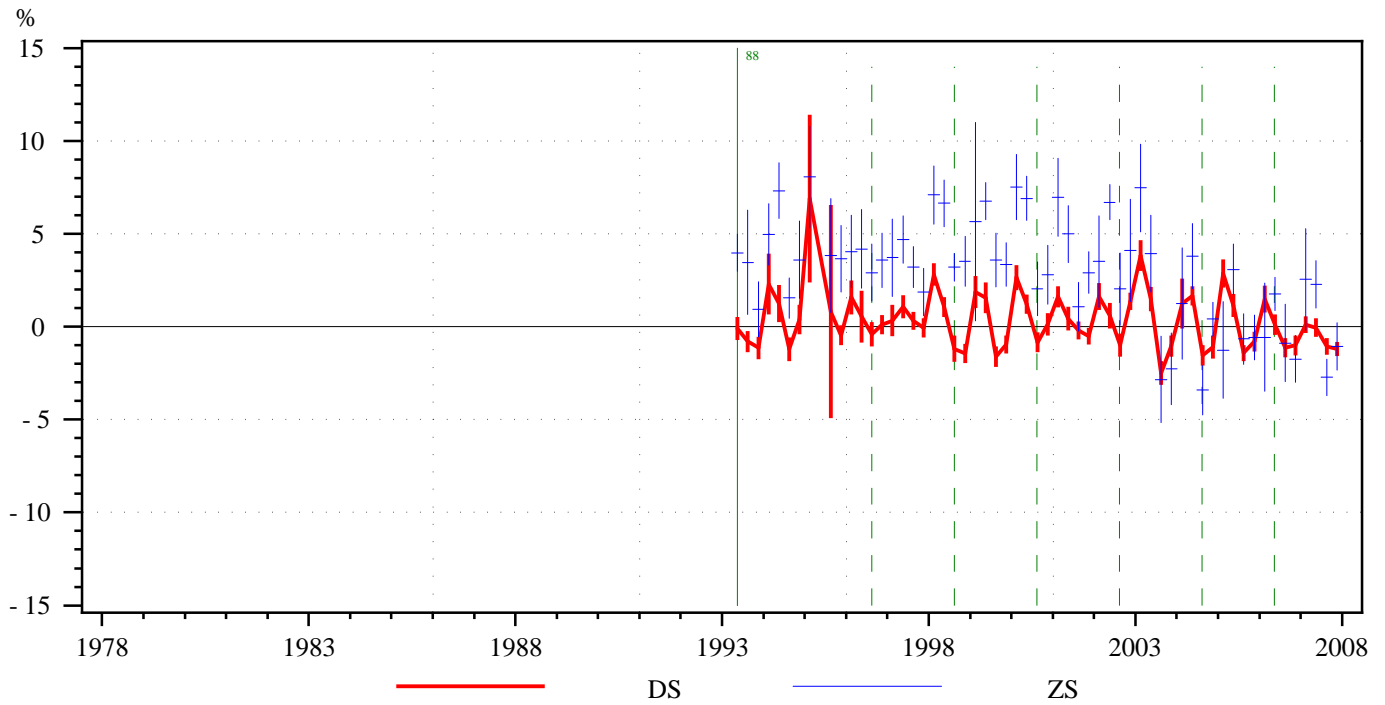
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	182	2578	1380	2396
	Bias	.	.	.	5.59	0.27	2.93	5.32
	Daily sigma	.	.	.	4.86	6.4	5.63	1.54
	Monthly sigma	.	.	.	2.56	5.81	4.18	3.25
	Seasonal ampl.	.	.	.	.	1.75	1.75	0
	Annual range	.	.	.	.	13.26	13.26	0
ZS	Number of days	.	.	.	38	556	297	518
	Bias	.	.	.	7.05	4.43	5.74	2.62
	Daily sigma	.	.	.	4.24	7.52	5.88	3.28
	Monthly sigma	.	.	.	1	4.94	2.97	3.95
	Seasonal ampl.	.	.	.	.	1.19	1.19	0
	Annual range	.	.	.	.	4	4	0

068 BELSK, 52N, 21E, Brewer



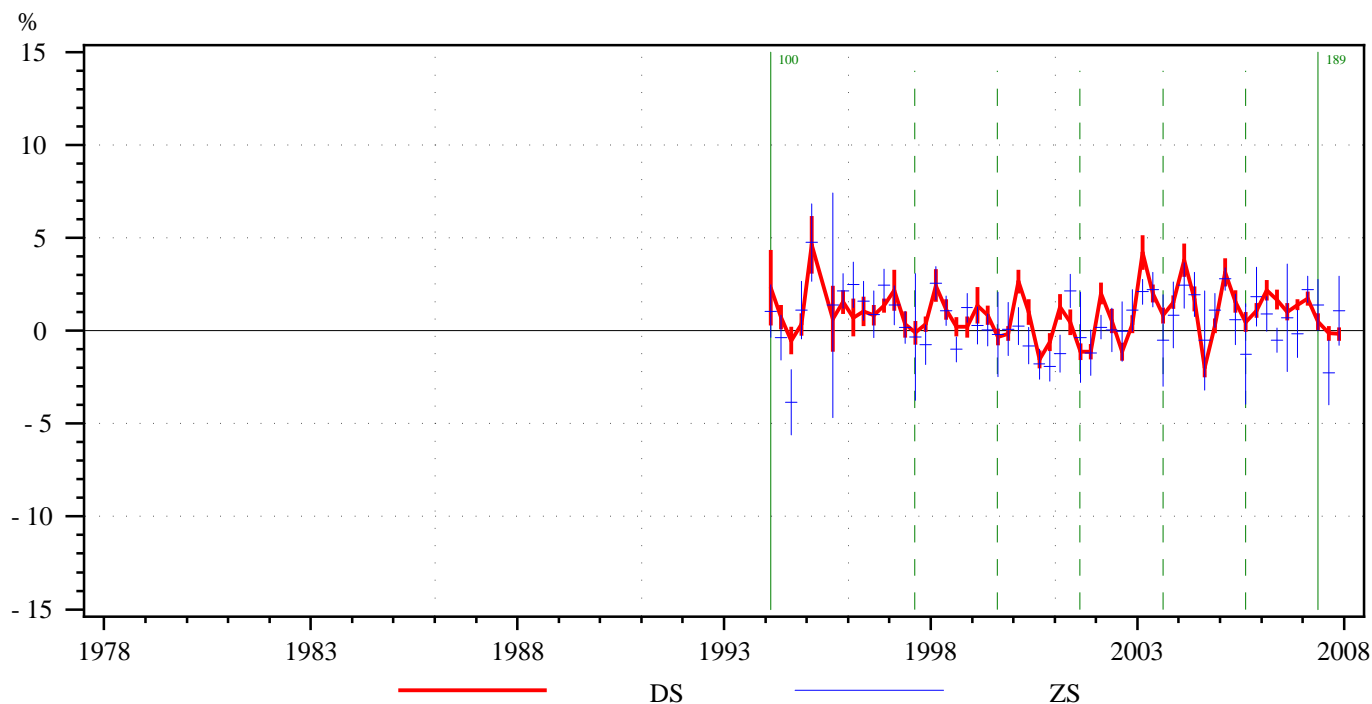
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	191	1159	595	648.33	968
	Bias	.	.	-1.2	-0.61	0.52	-0.43	1.72
	Daily sigma	.	.	3.27	2.48	2.64	2.8	0.79
	Monthly sigma	.	.	1.79	0.93	1.61	1.44	0.85
	Seasonal ampl.	.	.	.	0.78	1.07	0.93	0.29
	Annual range	.	.	.	0.67	2.51	1.59	1.85
ZS	Number of days	.	.	12	424	202	212.67	412
	Bias	.	.	1.65	0.71	1.32	1.23	0.94
	Daily sigma	.	.	2.25	4.75	5.36	4.12	3.11
	Monthly sigma	.	.	.	2.87	2.87	2.87	0
	Seasonal ampl.	.	.	.	3.07	.	3.07	0
	Annual range	.	.	.	1.99	0.42	1.21	1.57

318 VALENTIA OBSERVATORY, 52N, 10W, Brewer



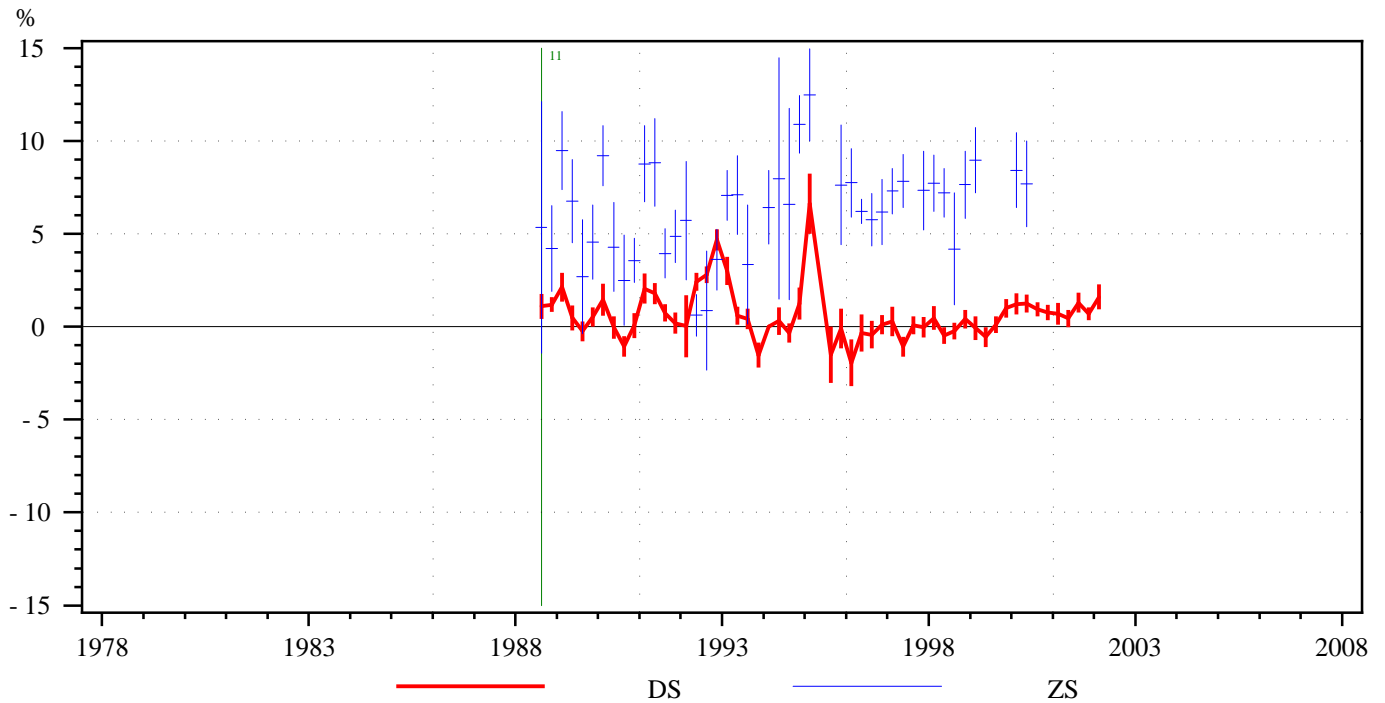
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	324	1063	1439	942	1115
	Bias	.	.	0.14	0.32	0.1	0.18	0.22
	Daily sigma	.	.	3.16	2.62	2.84	2.87	0.54
	Monthly sigma	.	.	1.26	1.52	1.78	1.52	0.53
	Seasonal ampl.	.	.	1.95	1.69	1.98	1.88	0.29
	Annual range	.	.	0.84	1.01	1.33	1.06	0.49
ZS	Number of days	.	.	157	404	471	344	314
	Bias	.	.	4.18	4.36	1.24	3.26	3.12
	Daily sigma	.	.	4.04	3.77	5.36	4.39	1.6
	Monthly sigma	.	.	2.45	2.11	3.55	2.7	1.44
	Seasonal ampl.	.	.	.	2.25	2.16	2.2	0.1
	Annual range	.	.	0.56	1.77	1.12	1.15	1.21

316 DEBILT, 52N, 5E, Brewer



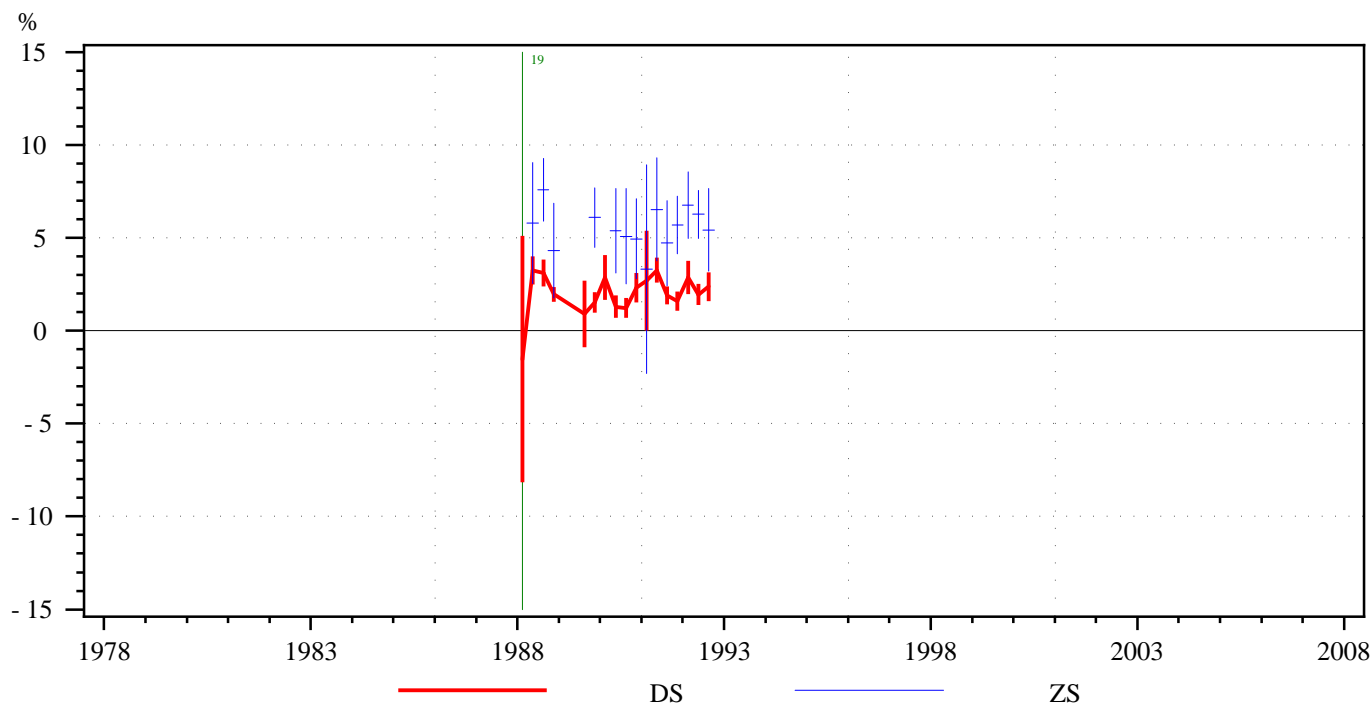
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	184	1083	1697	988	1513
	Bias	.	.	0.65	0.5	0.89	0.68	0.39
	Daily sigma	.	.	2.44	2.38	2.64	2.49	0.26
	Monthly sigma	.	.	1.68	1.22	1.66	1.52	0.46
	Seasonal ampl.	.	.	.	1.3	1.65	1.47	0.34
	Annual range	.	.	.	1.31	2.12	1.71	0.81
ZS	Number of days	.	.	79	491	530	366.67	451
	Bias	.	.	1.13	0.22	1.32	0.89	1.1
	Daily sigma	.	.	3.47	2.92	2.9	3.09	0.57
	Monthly sigma	.	.	2.1	1.68	1.6	1.79	0.5
	Seasonal ampl.	.	.	.	0.55	1.14	0.84	0.6
	Annual range	.	.	.	3.56	1.38	2.47	2.18

241 SASKATOON, 52N, 107W, Brewer



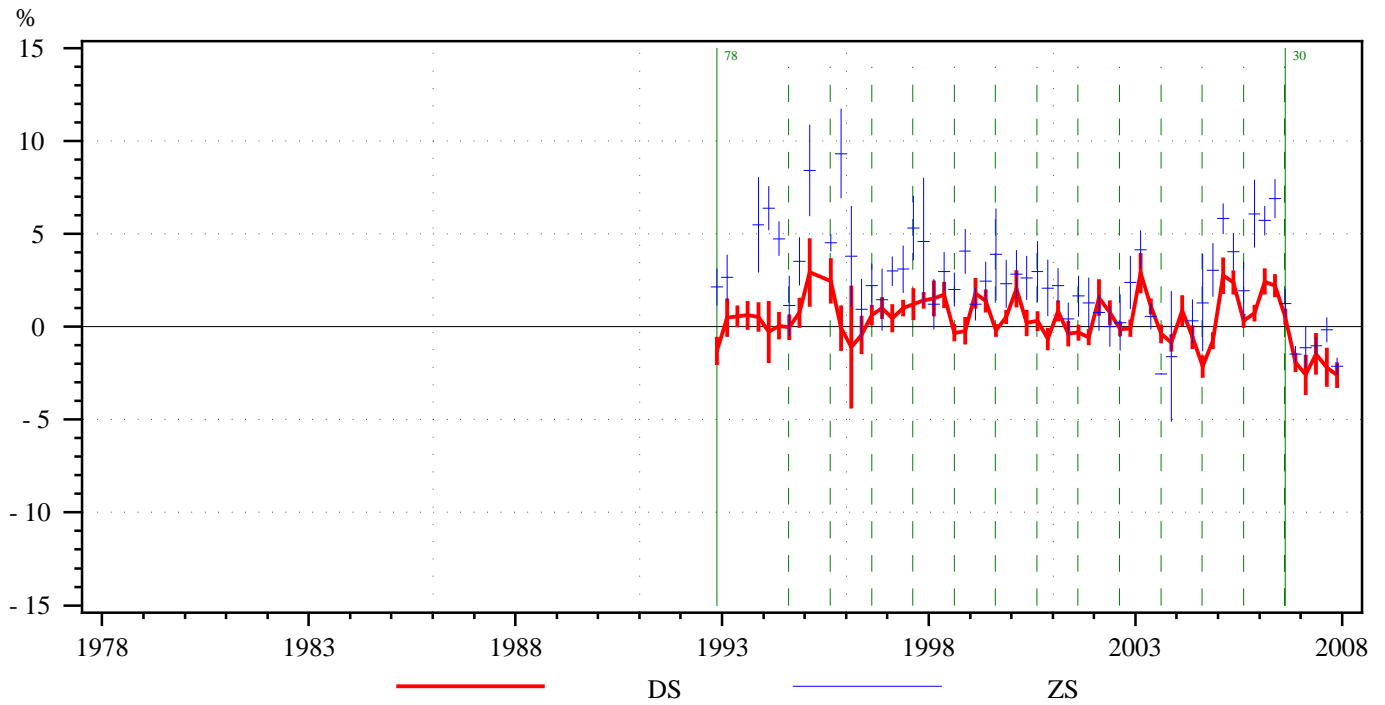
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	762	933	1123	298	779	825
	Bias	.	0.55	1.32	0.27	1.04	0.79	1.05
	Daily sigma	.	2.94	3.25	2.1	2.1	2.6	1.15
	Monthly sigma	.	1.36	2.27	0.95	0.65	1.31	1.62
	Seasonal ampl.	.	1.24	0.48	0.19	.	0.64	1.05
	Annual range	.	1.21	2.46	1.12	.	1.59	1.34
ZS	Number of days	.	101	136	131	.	122.67	35
	Bias	.	7.13	6.1	7.64	.	6.96	1.54
	Daily sigma	.	5.19	4.09	3.22	.	4.17	1.97
	Monthly sigma	.	2.21	2.34	0.96	.	1.84	1.38

291 ASQUITH (GRANDORA), 52N, 107W, Brewer



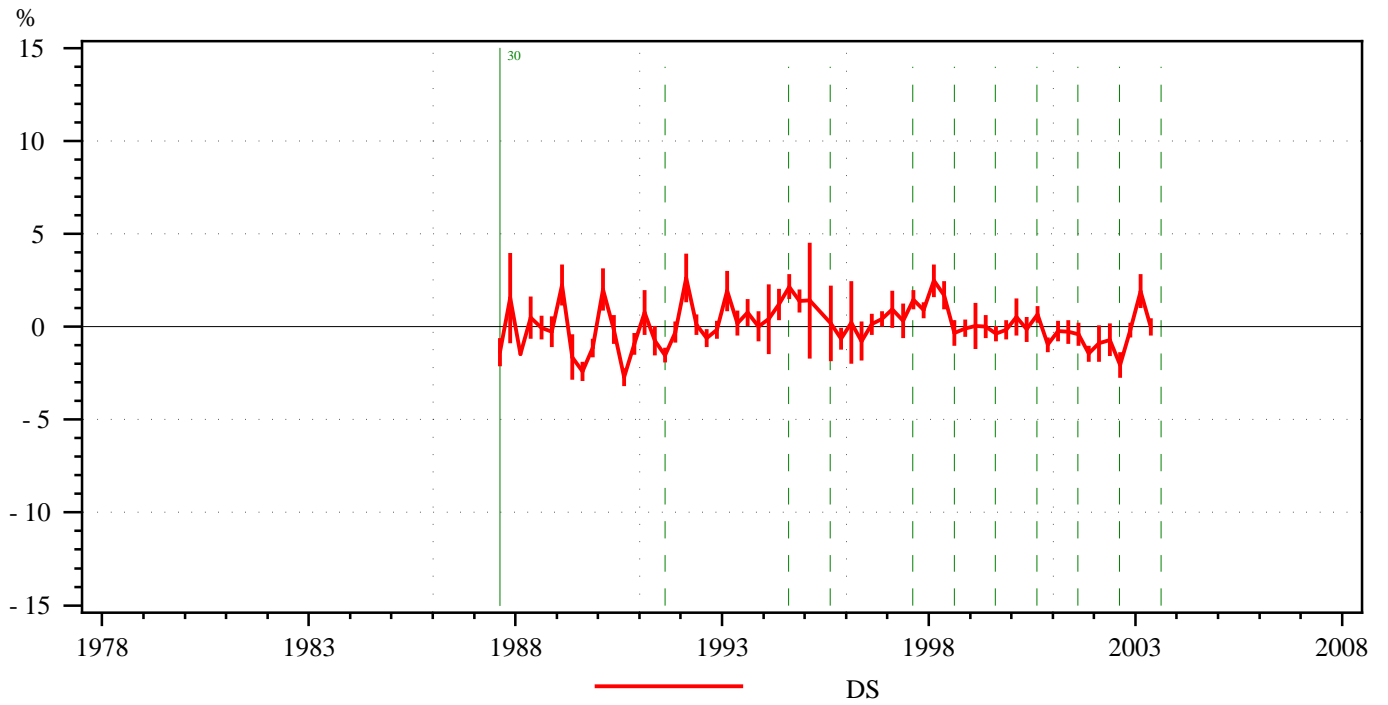
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	454	385	.	.	419.5	69
	Bias	.	2.06	2.27	.	.	2.17	0.22
	Daily sigma	.	3.17	2.61	.	.	2.89	0.56
	Monthly sigma	.	1.15	1.05	.	.	1.1	0.1
	Seasonal ampl.	.	0.66	0.58	.	.	0.62	0.08
	Annual range	.	0.99	0.18	.	.	0.58	0.81
ZS	Number of days	.	59	69	.	.	64	10
	Bias	.	6.58	6.05	.	.	6.31	0.54
	Daily sigma	.	10.28	5.28	.	.	7.78	5
	Monthly sigma	.	.	0.2	.	.	0.2	0

174 LINDENBERG, 52N, 14E, Brewer



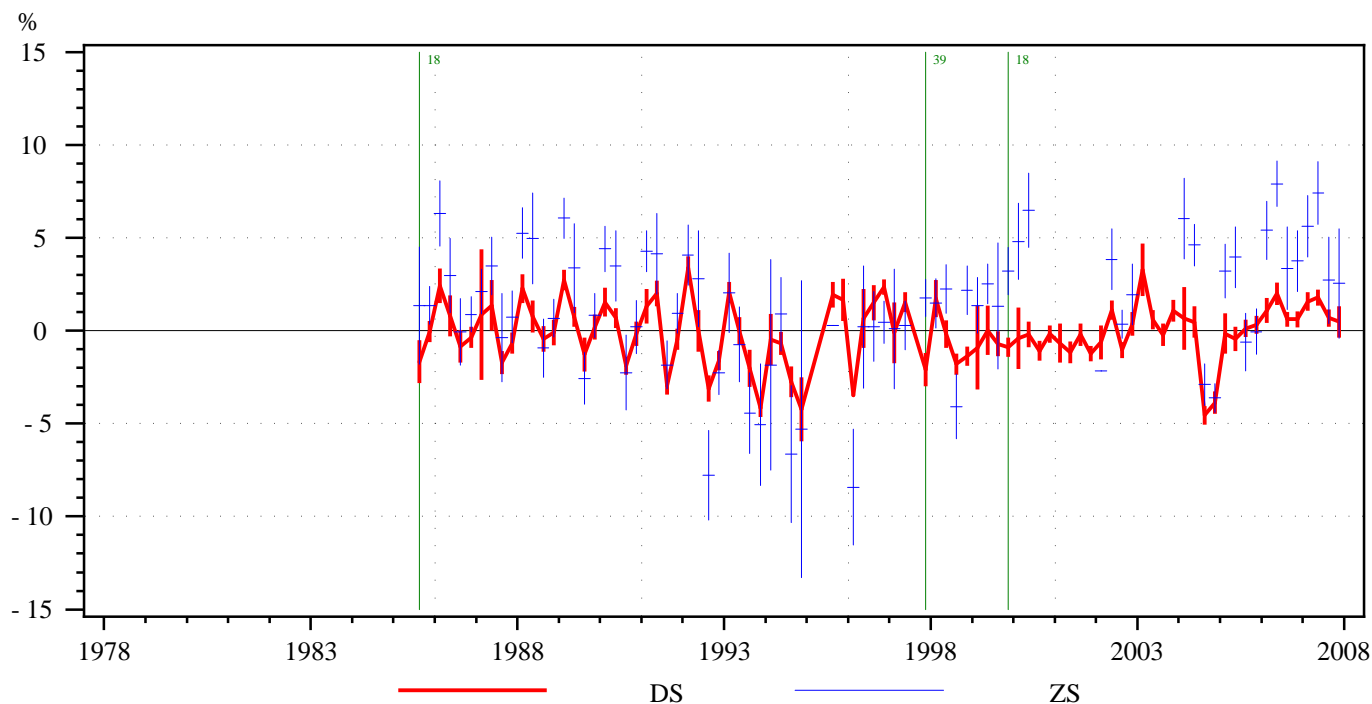
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	433	906	1347	895.33	914
	Bias	.	.	0.28	0.59	0.3	0.39	0.31
	Daily sigma	.	.	2.77	2.25	2.61	2.54	0.52
	Monthly sigma	.	.	1.36	1.1	1.68	1.38	0.59
	Seasonal ampl.	.	.	0.21	0.72	1.27	0.73	1.06
	Annual range	.	.	0.43	0.86	1.96	1.08	1.53
ZS	Number of days	.	.	161	451	626	412.67	465
	Bias	.	.	4.57	2.51	1.96	3.01	2.61
	Daily sigma	.	.	4.63	3.37	3.94	3.98	1.26
	Monthly sigma	.	.	2.42	1.64	2.89	2.31	1.25
	Seasonal ampl.	.	.	.	0.63	1.46	1.05	0.83
	Annual range	.	.	.	1.93	4.63	3.28	2.7

050 POTSDAM, 52N, 13E, Brewer



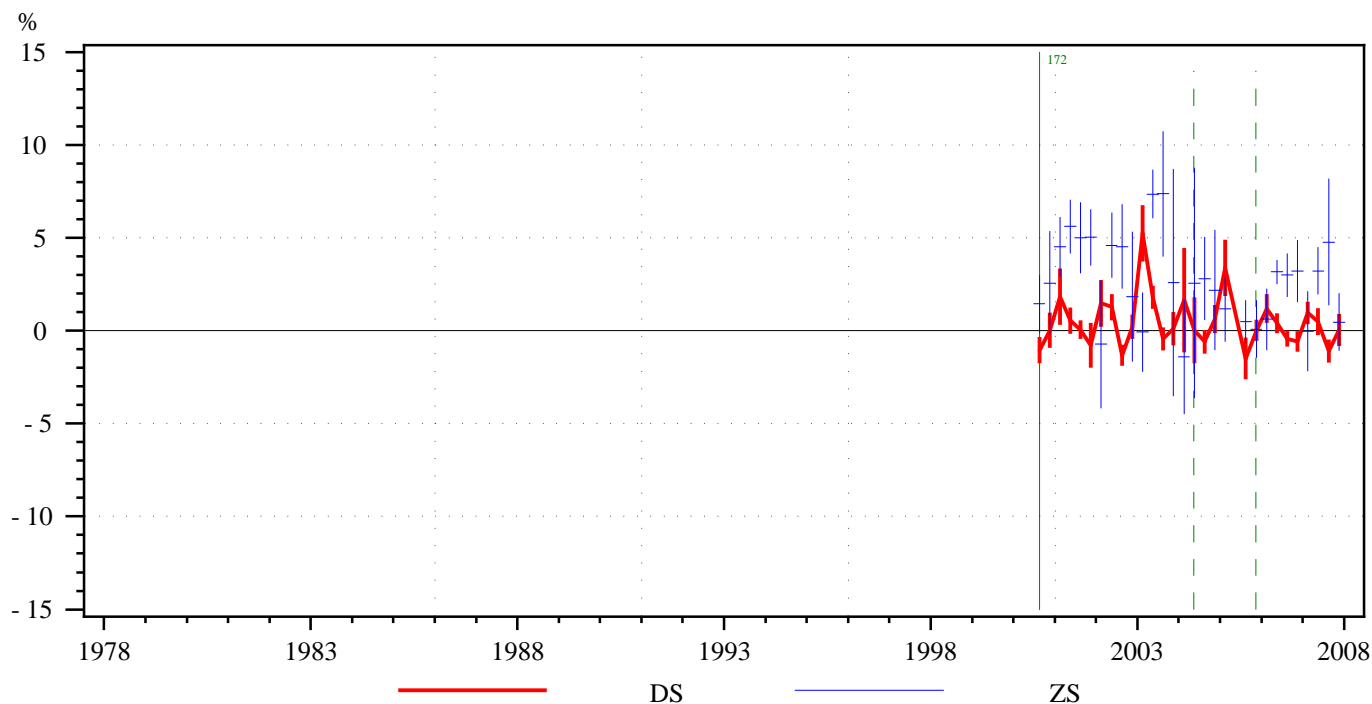
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	616	795	1059	501	742.75	558
	Bias	.	-0.95	0.23	0.27	-0.41	-0.21	1.22
	Daily sigma	.	2.87	2.7	2.67	2.47	2.68	0.4
	Monthly sigma	.	1.66	1.42	1.27	1.34	1.42	0.39
	Seasonal ampl.	.	1.8	0.64	0.29	0.71	0.86	1.51
	Annual range	.	1.61	2.2	1.15	1.09	1.51	1.11

076 GOOSE BAY, 53N, 60W, Brewer



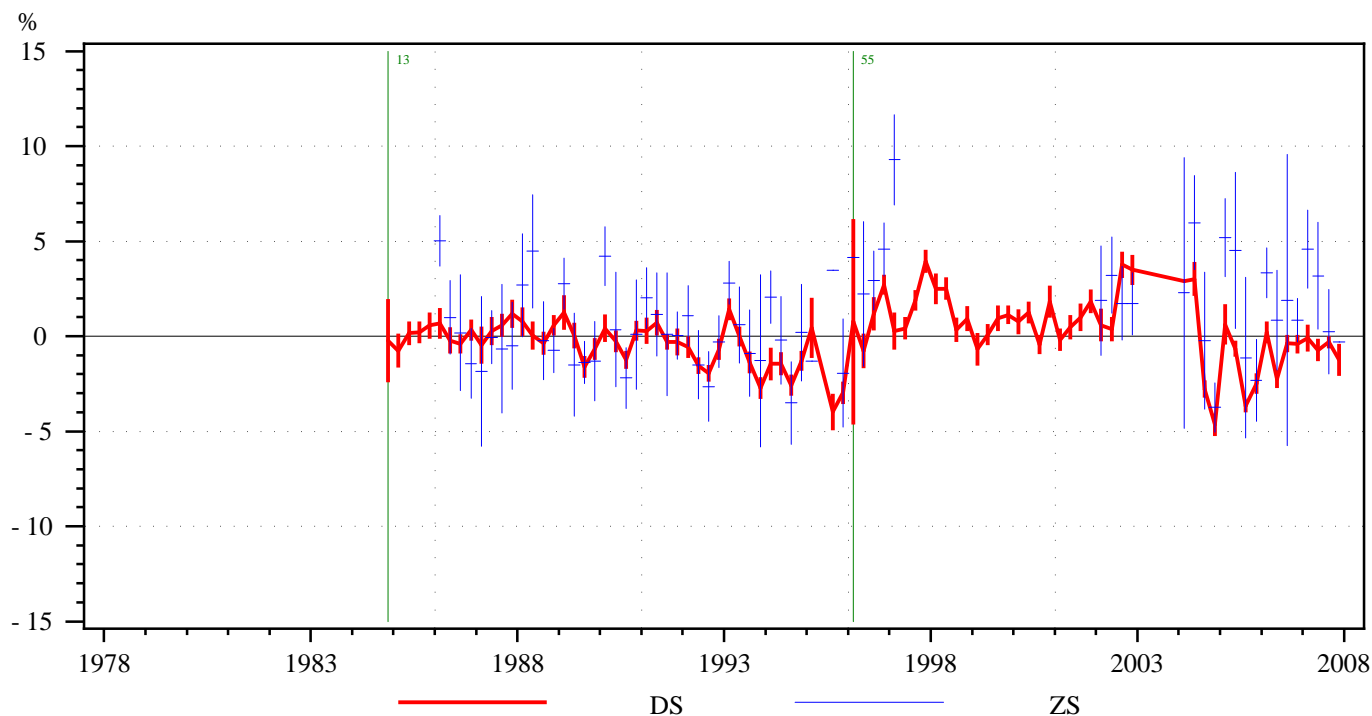
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	83	916	716	769	1251	747	1168
	Bias	0.11	0.18	-0.58	-0.21	-0.21	-0.14	0.76
	Daily sigma	2.53	2.9	4.56	2.95	2.69	3.13	2.02
	Monthly sigma	1.59	1.58	2.99	1.45	1.84	1.89	1.53
	Seasonal ampl.	.	2.02	2.45	0.13	1.18	1.44	2.33
	Annual range	.	1.19	1.19	2.68	3.67	2.18	2.48
ZS	Number of days	51	500	250	373	310	296.8	449
	Bias	2.23	2.48	-0.65	1.62	2.64	1.66	3.29
	Daily sigma	3.5	4.72	7.55	4.49	4.96	5.05	4.05
	Monthly sigma	2.32	2.73	4.03	2.36	4.01	3.09	1.71
	Seasonal ampl.	.	3.26	.	0.98	3.98	2.74	3
	Annual range	.	0.17	3.34	1.86	6.5	2.97	6.33

352 MANCHESTER, 53N, 2W, Brewer



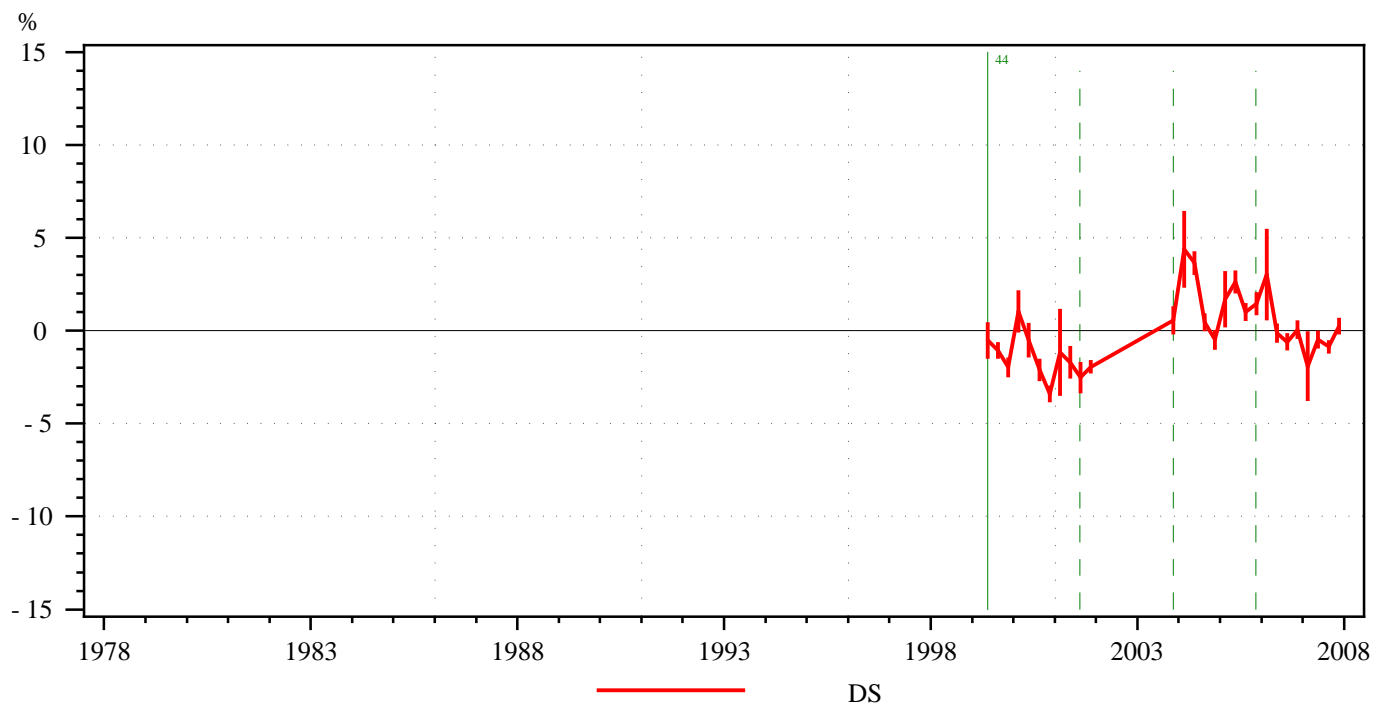
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	106	1220	663	1114
	Bias	.	.	.	0.36	0.49	0.42	0.13
	Daily sigma	.	.	.	5.4	3.3	4.35	2.1
	Monthly sigma	.	.	.	1.66	1.74	1.7	0.08
	Seasonal ampl.	.	.	.	.	1.81	1.81	0
	Annual range	.	.	.	.	1.08	1.08	0
ZS	Number of days	.	.	.	41	386	213.5	345
	Bias	.	.	.	3.34	1.42	2.38	1.92
	Daily sigma	.	.	.	5.75	7.11	6.43	1.36
	Monthly sigma	.	.	.	1.87	4.89	3.38	3.02
	Seasonal ampl.	.	.	.	.	3.28	3.28	0
	Annual range	.	.	.	.	2.7	2.7	0

021 EDMONTON / STONY PLAIN, 54N, 114W, Brewer



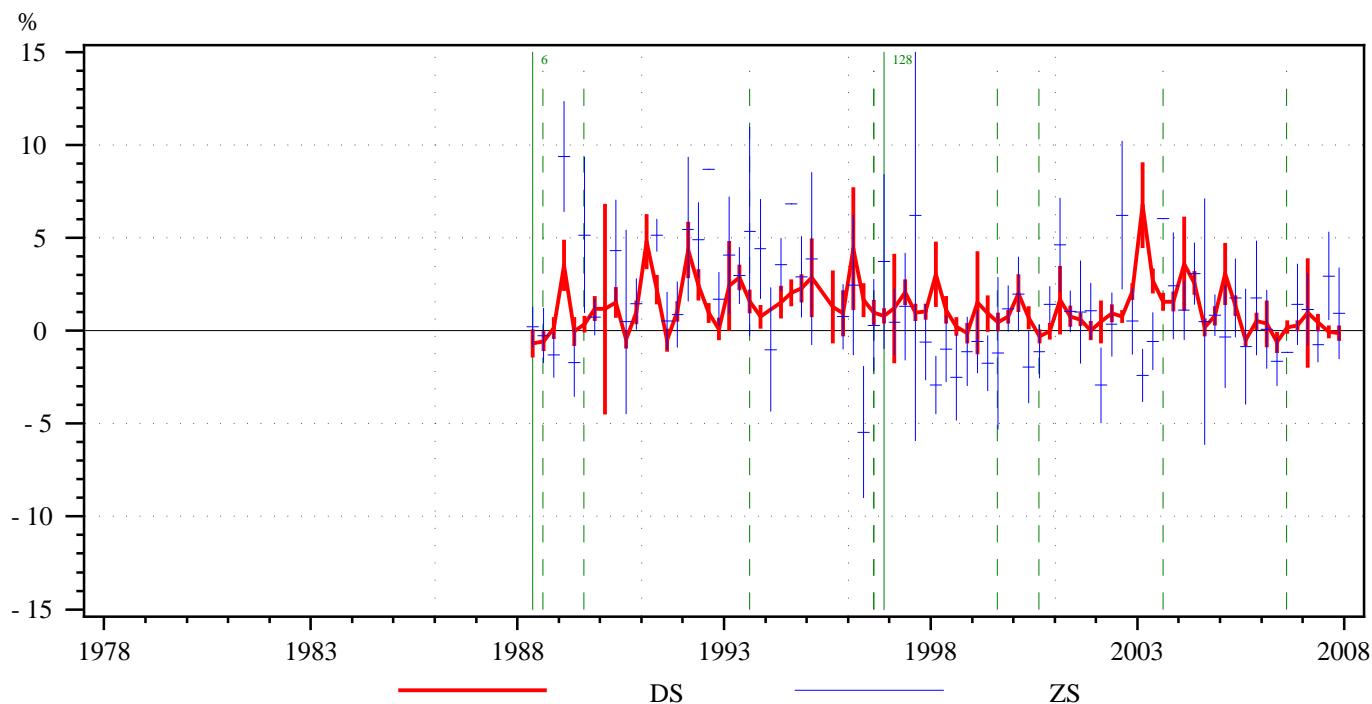
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	278	1244	970	1193	1259	988.8	981
	Bias	0.22	-0.03	-0.9	1.15	-0.26	0.04	2.06
	Daily sigma	2.81	2.63	2.46	2.76	3.5	2.83	1.04
	Monthly sigma	1.06	1.26	1.4	1.44	2.56	1.54	1.51
	Seasonal ampl.	.	0.79	0.97	0.55	0.5	0.7	0.47
	Annual range	.	0.93	1.67	1.61	4.41	2.16	3.48
ZS	Number of days	.	277	200	36	148	165.25	241
	Bias	.	1.51	0.61	4.17	1.79	2.02	3.56
	Daily sigma	.	4.68	3.67	3.3	5.01	4.17	1.7
	Monthly sigma	.	2.7	1.54	.	3.07	2.44	1.53
	Annual range	.	0.35	.	.	.	0.35	0

307 OBNINSK, 55N, 36E, Brewer



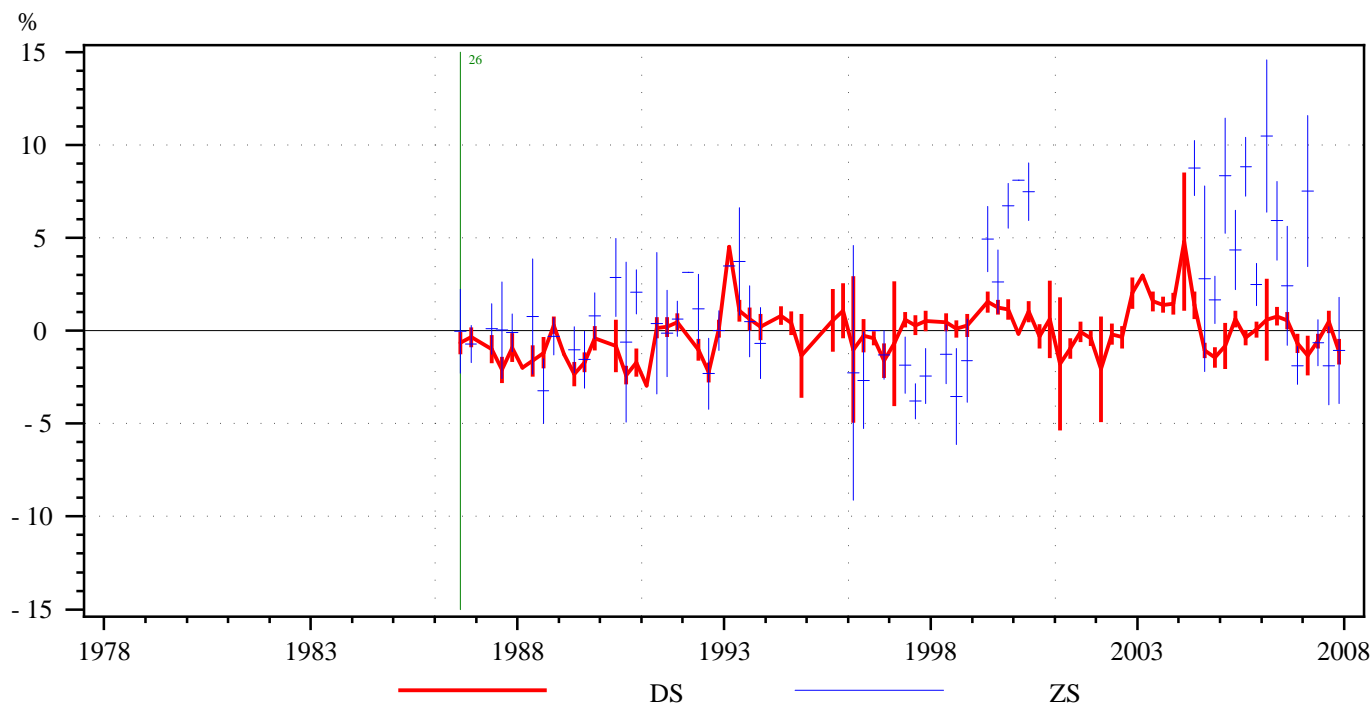
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	326	753	539.5	427
	Bias	.	.	.	-1.74	0.22	-0.76	1.96
	Daily sigma	.	.	.	2.34	2.75	2.55	0.41
	Monthly sigma	.	.	.	1.39	1.86	1.63	0.47
	Seasonal ampl.	.	.	.	1.24	1.22	1.23	0.01
	Annual range	.	.	.	1.18	3.69	2.44	2.51

279 NORRKOEPING, 59N, 16E, Brewer



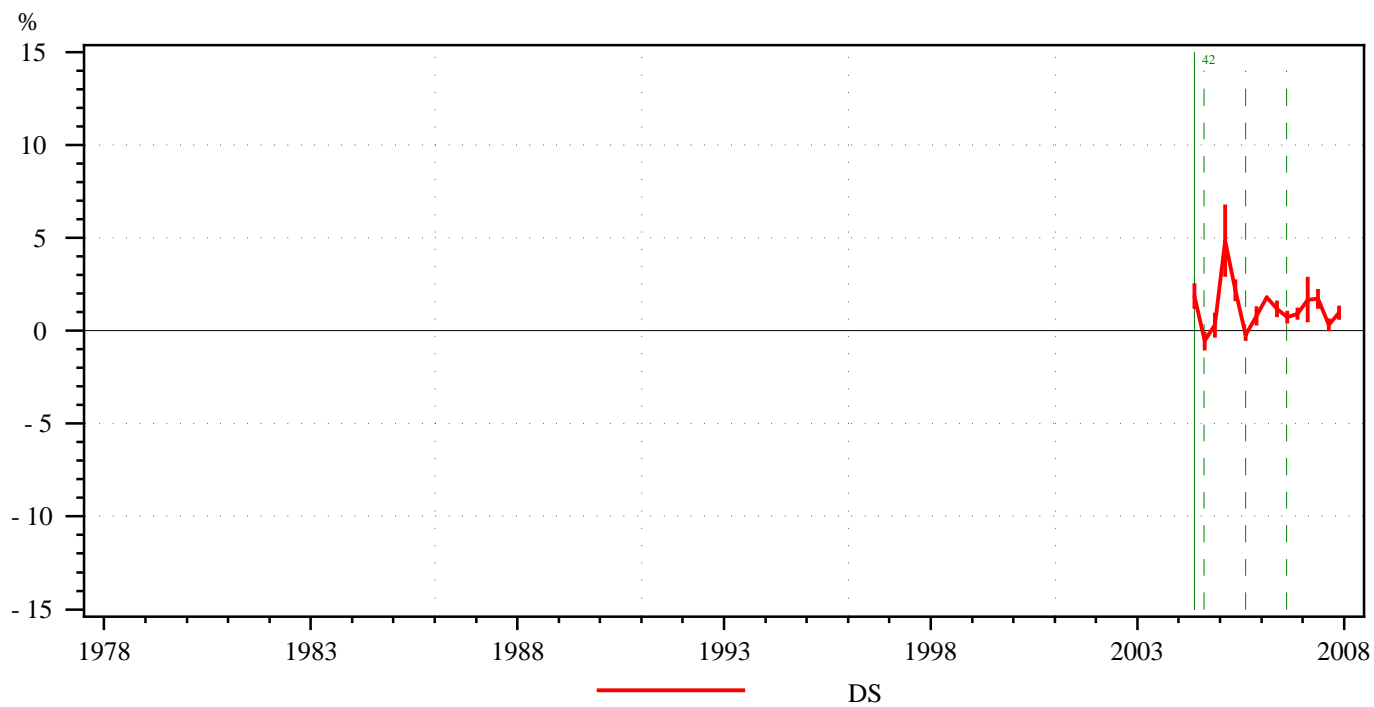
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	681	821	1020	1412	983.5	731
	Bias	.	0.48	1.44	0.74	0.89	0.89	0.96
	Daily sigma	.	2.97	3.1	2.32	2.28	2.67	0.82
	Monthly sigma	.	1.59	1.65	0.99	1.14	1.34	0.66
	Seasonal ampl.	.	1.77	1.54	0.97	0.87	1.29	0.9
	Annual range	.	0.69	1.3	1.21	1.86	1.26	1.17
ZS	Number of days	.	128	182	309	449	267	321
	Bias	.	1.31	3.15	-0.59	0.85	1.18	3.74
	Daily sigma	.	4.74	4.44	4.83	6.44	5.11	2
	Monthly sigma	.	4.12	2.5	2.67	3.3	3.15	1.62
	Seasonal ampl.	.	.	.	1.02	0.66	0.84	0.36
	Annual range	.	.	.	1.28	4.08	2.68	2.8

077 CHURCHILL, 59N, 94W, Brewer



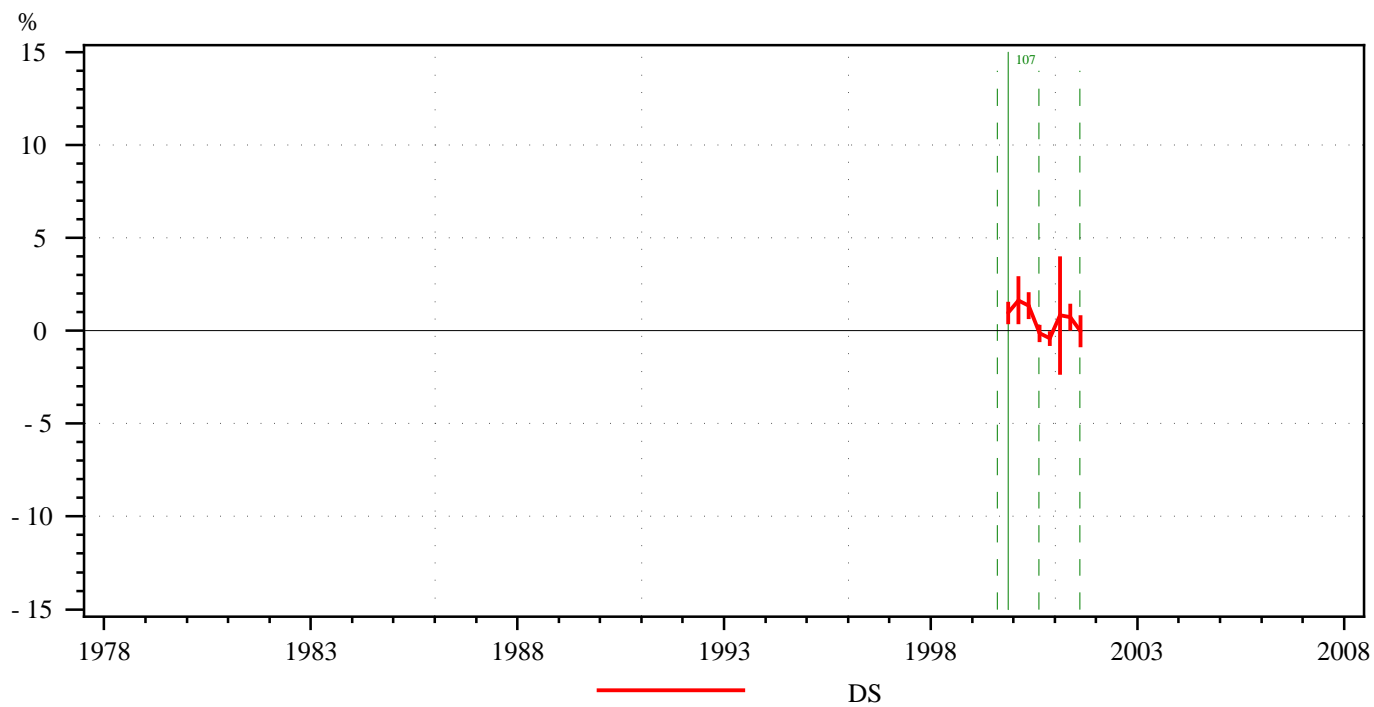
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	713	698	784	1103	824.5	405
	Bias	.	-1.26	-0.03	0.43	0.13	-0.18	1.69
	Daily sigma	.	2.57	2.48	2.87	2.21	2.53	0.67
	Monthly sigma	.	1.58	1.49	1.17	1.26	1.38	0.42
	Seasonal ampl.	.	1.51	1.44	0.44	0.23	0.91	1.27
	Annual range	.	1.41	1.9	1.97	2.11	1.85	0.7
ZS	Number of days	.	274	134	136	155	174.75	140
	Bias	.	-0.01	-0.06	1.25	4.6	1.44	4.65
	Daily sigma	.	4.02	4.85	5.52	5.52	4.98	1.51
	Monthly sigma	.	1.96	1.12	5.75	4.23	3.27	4.62

165 OSLO, 60N, 11E, Brewer



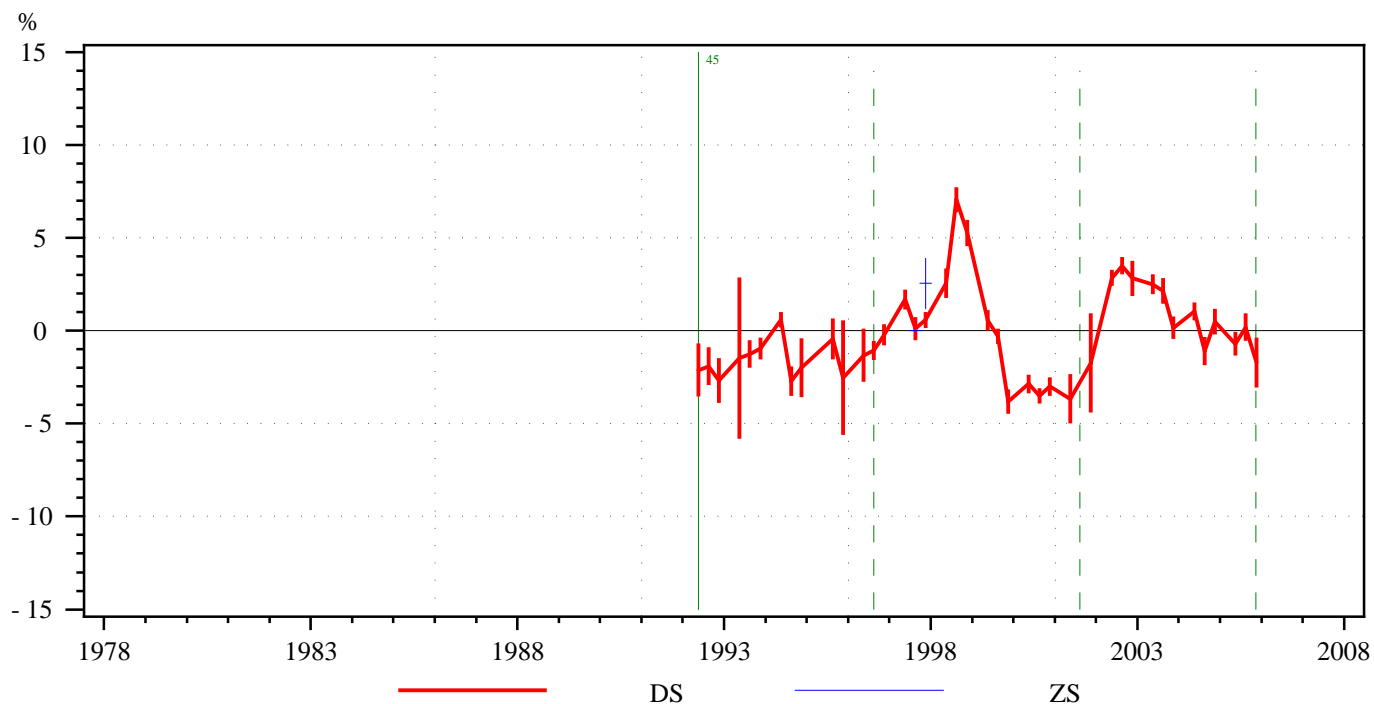
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	.	587	587	0
	Bias	.	.	.	.	0.81	0.81	0
	Daily sigma	.	.	.	.	2.19	2.19	0
	Monthly sigma	.	.	.	.	1.35	1.35	0
	Seasonal ampl.	.	.	.	.	1.95	1.95	0
	Annual range	.	.	.	.	0.35	0.35	0

404 JOKIOINEN, 61N, 24E, Brewer



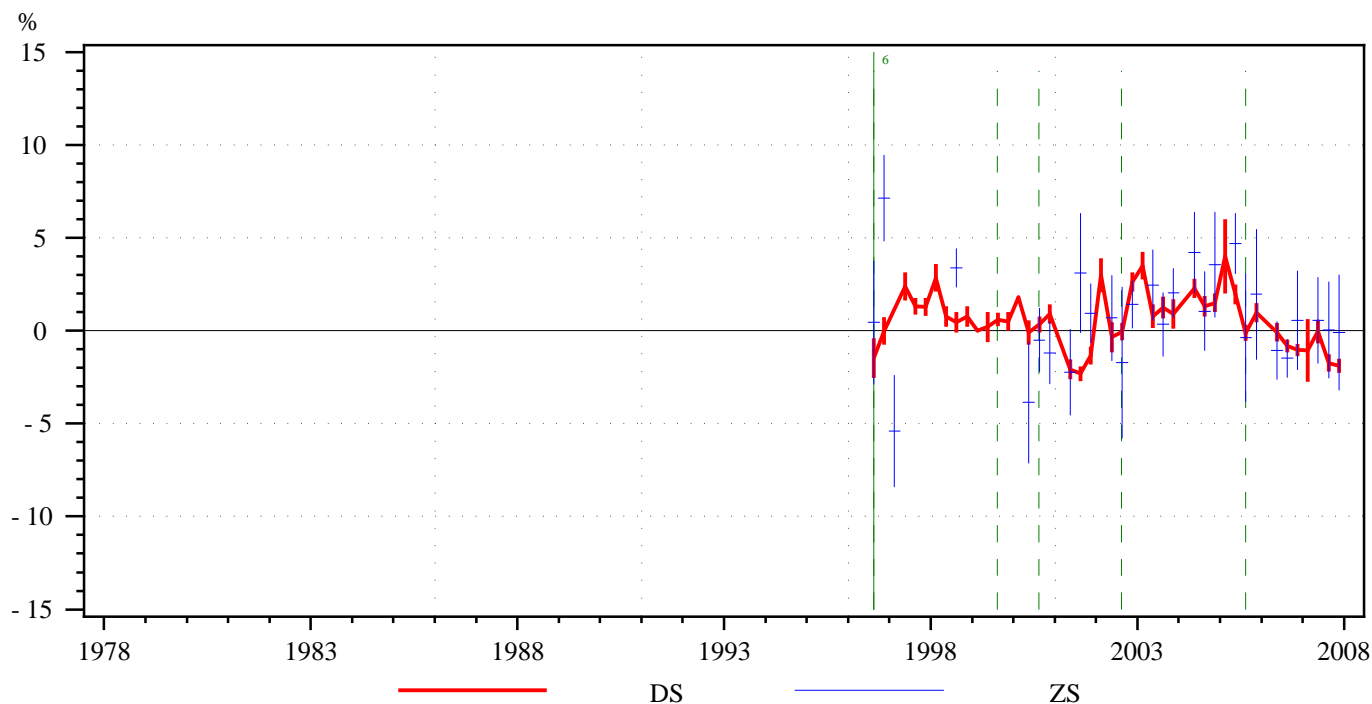
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	244	92	168	152
	Bias	.	.	.	0.44	0.45	0.44	0.01
	Daily sigma	.	.	.	2.18	2.77	2.47	0.59
	Monthly sigma	.	.	.	0.84	1.03	0.94	0.19

123 YAKUTSK, 62N, 130E, Brewer



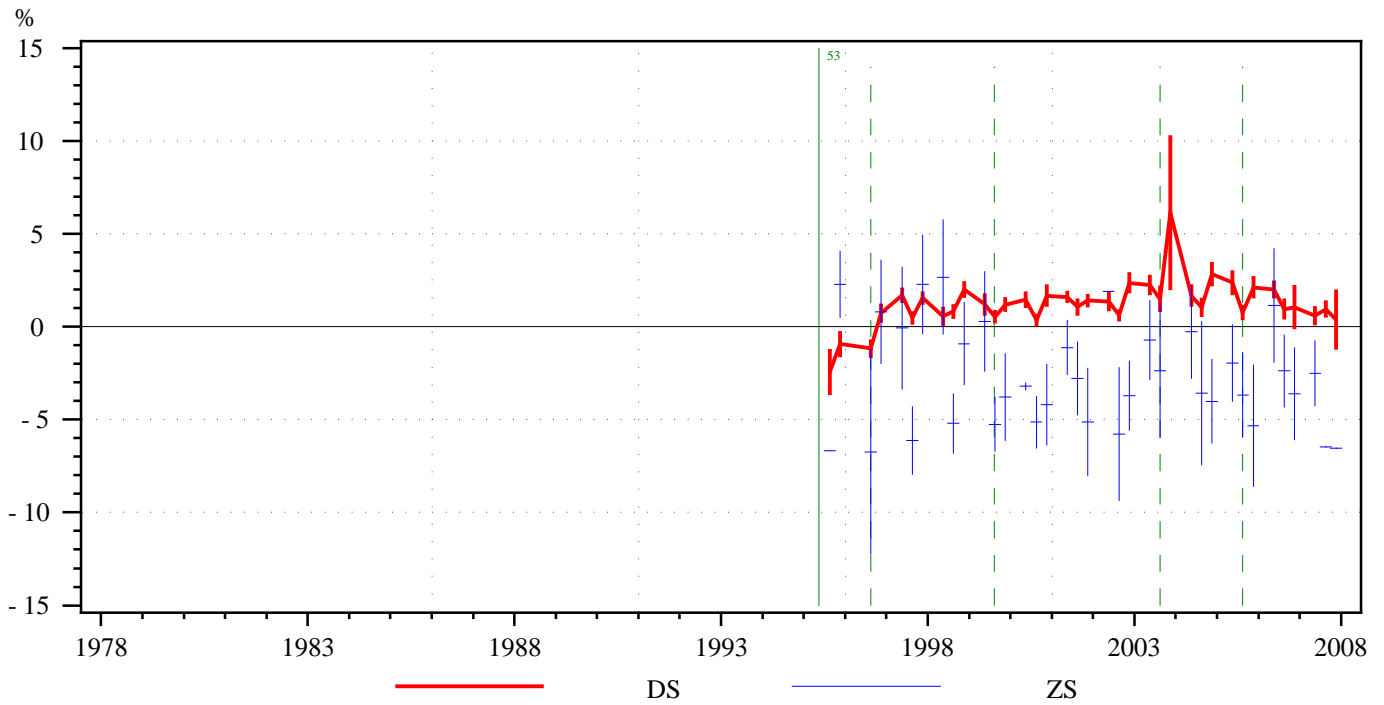
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	290	1017	782	696.33	727
	Bias	.	.	-1.36	-0.05	0.18	-0.41	1.54
	Daily sigma	.	.	3.38	5.18	5.55	4.7	2.17
	Monthly sigma	.	.	1.21	3.85	4.73	3.26	3.52
	Seasonal ampl.	.	.	.	2.18	2.77	2.48	0.59
	Annual range	.	.	1.32	8.33	11.63	7.09	10.31
ZS	Number of days	.	.	.	18	.	18	0
	Bias	.	.	.	2.42	.	2.42	0
	Daily sigma	.	.	.	2.79	.	2.79	0
	Monthly sigma	.	.	.	0.14	.	0.14	0

284 VINDELN, 64N, 20E, Brewer



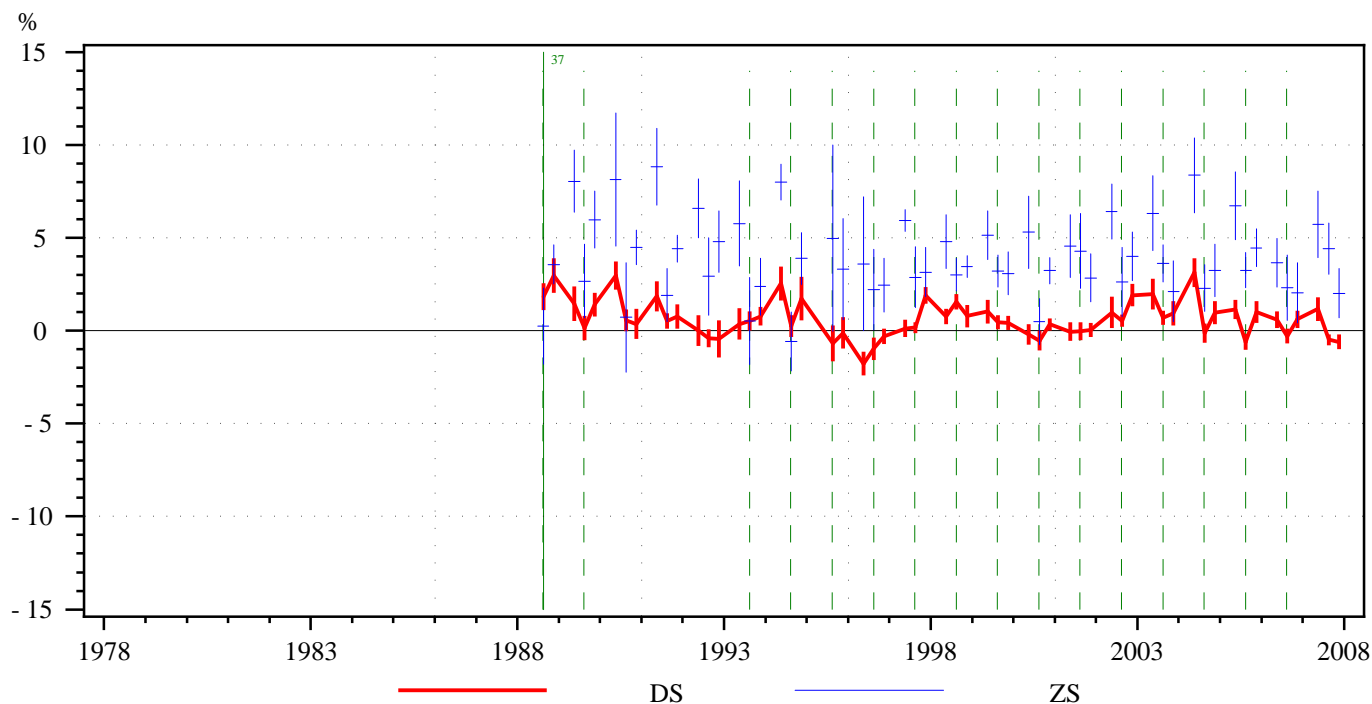
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	902	1188	1045	286
	Bias	.	.	.	0.61	0.3	0.45	0.31
	Daily sigma	.	.	.	2.49	2.56	2.53	0.06
	Monthly sigma	.	.	.	1.14	1.68	1.41	0.54
	Seasonal ampl.	.	.	.	0.7	1.06	0.88	0.36
	Annual range	.	.	.	2.31	3.66	2.98	1.35
ZS	Number of days	.	.	.	63	227	145	164
	Bias	.	.	.	0.16	1.38	0.77	1.23
	Daily sigma	.	.	.	5.45	4.41	4.93	1.04
	Monthly sigma	.	.	.	0.88	2.55	1.72	1.67

267 SONDRESTROM, 67N, 51W, Brewer



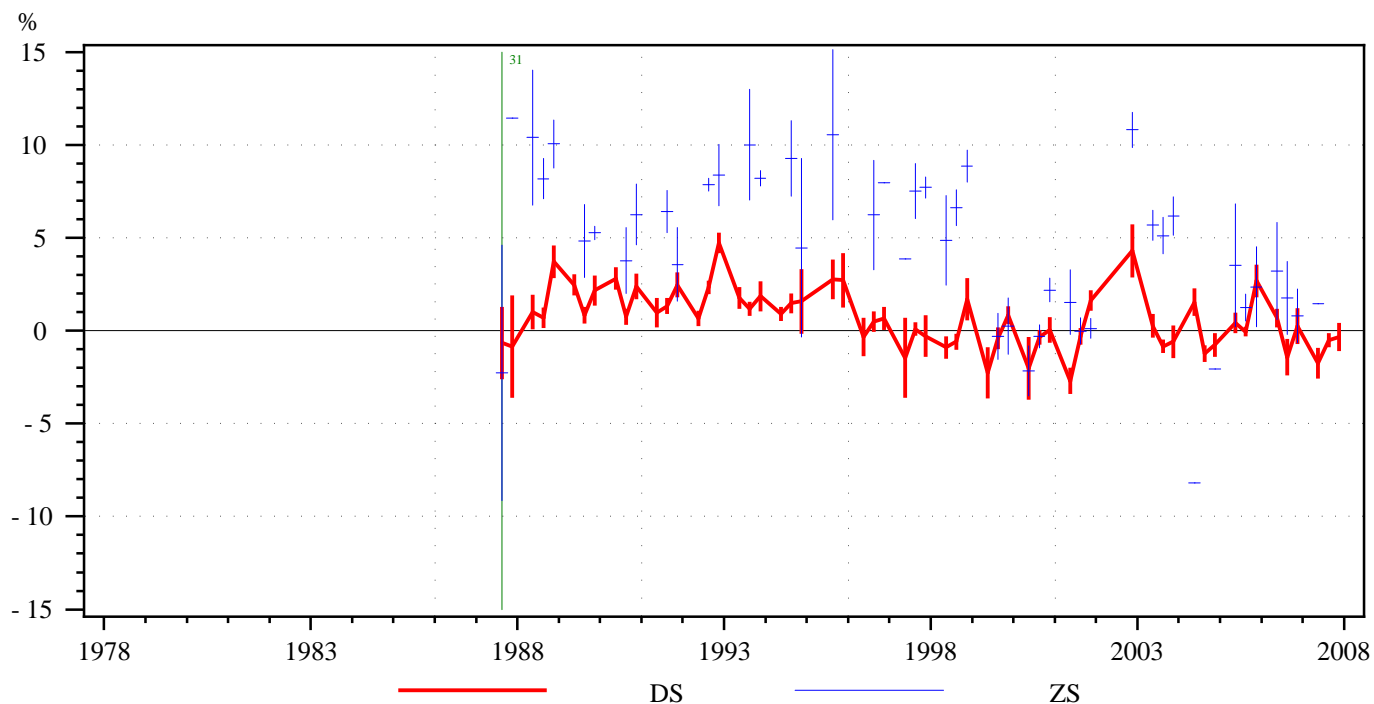
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	48	898	1079	675	1031
	Bias	.	.	-1.52	0.95	1.56	0.33	3.08
	Daily sigma	.	.	2.34	1.97	2.36	2.23	0.39
	Monthly sigma	.	.	0.97	1.04	1.14	1.05	0.17
	Seasonal ampl.	.	.	.	1.26	1.69	1.48	0.43
	Annual range	.	.	.	1.3	0.72	1.01	0.58
ZS	Number of days	.	.	10	119	94	74.33	109
	Bias	.	.	1.4	-1.25	-2.76	-0.87	4.16
	Daily sigma	.	.	3.81	5.14	3.74	4.23	1.4
	Monthly sigma	.	.	.	1.96	.	1.96	0

262 SODANKYLA, 67N, 27E, Brewer



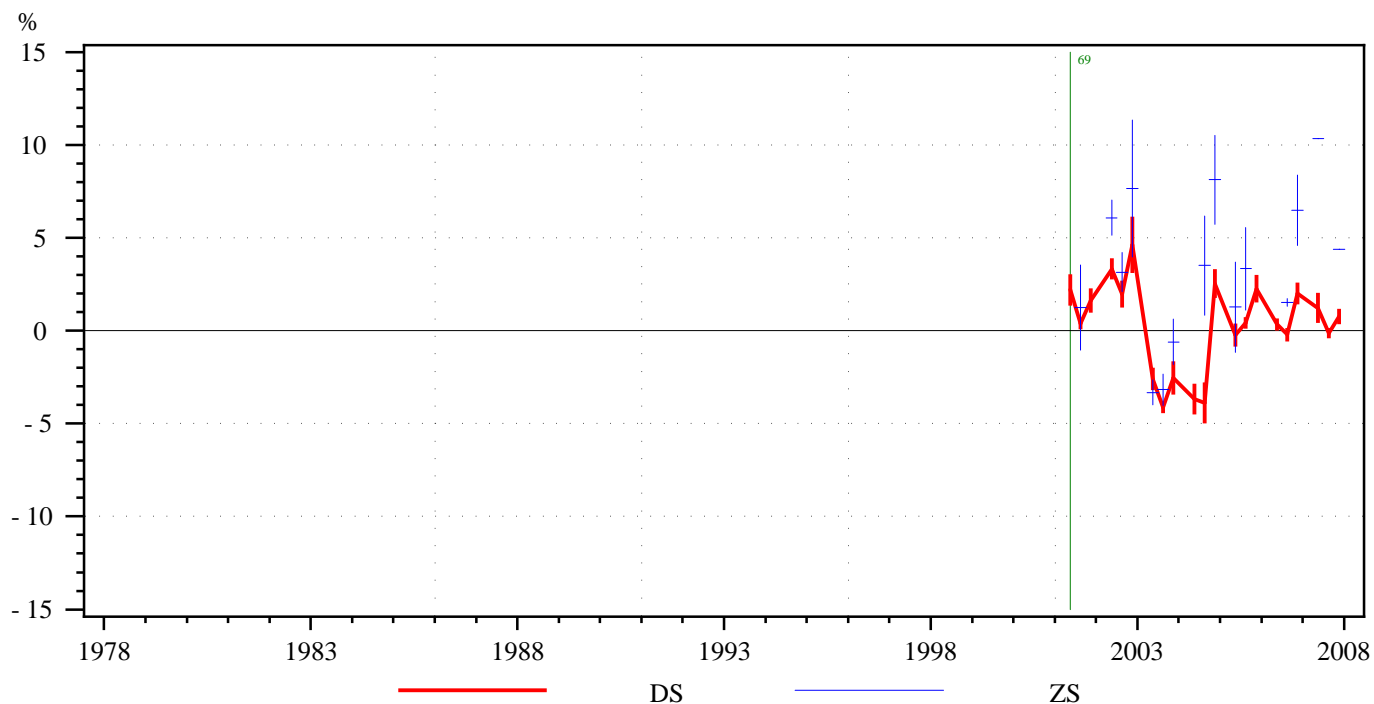
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	330	552	769	1092	685.75	762
	Bias	.	1.38	0.48	0.21	0.7	0.7	1.17
	Daily sigma	.	2.58	2.29	1.9	2.35	2.28	0.67
	Monthly sigma	.	1.31	1.26	1	1.38	1.24	0.39
	Seasonal ampl.	.	2.89	2	0.62	1.73	1.81	2.27
	Annual range	.	1.43	1.55	2.06	1.25	1.57	0.82
ZS	Number of days	.	98	167	212	231	177	133
	Bias	.	4.22	4.75	3.49	4.07	4.13	1.26
	Daily sigma	.	4.24	3.89	2.55	3.34	3.51	1.69
	Monthly sigma	.	3.17	2.71	1.28	2.84	2.5	1.89

024 RESOLUTE, 75N, 95W, Brewer



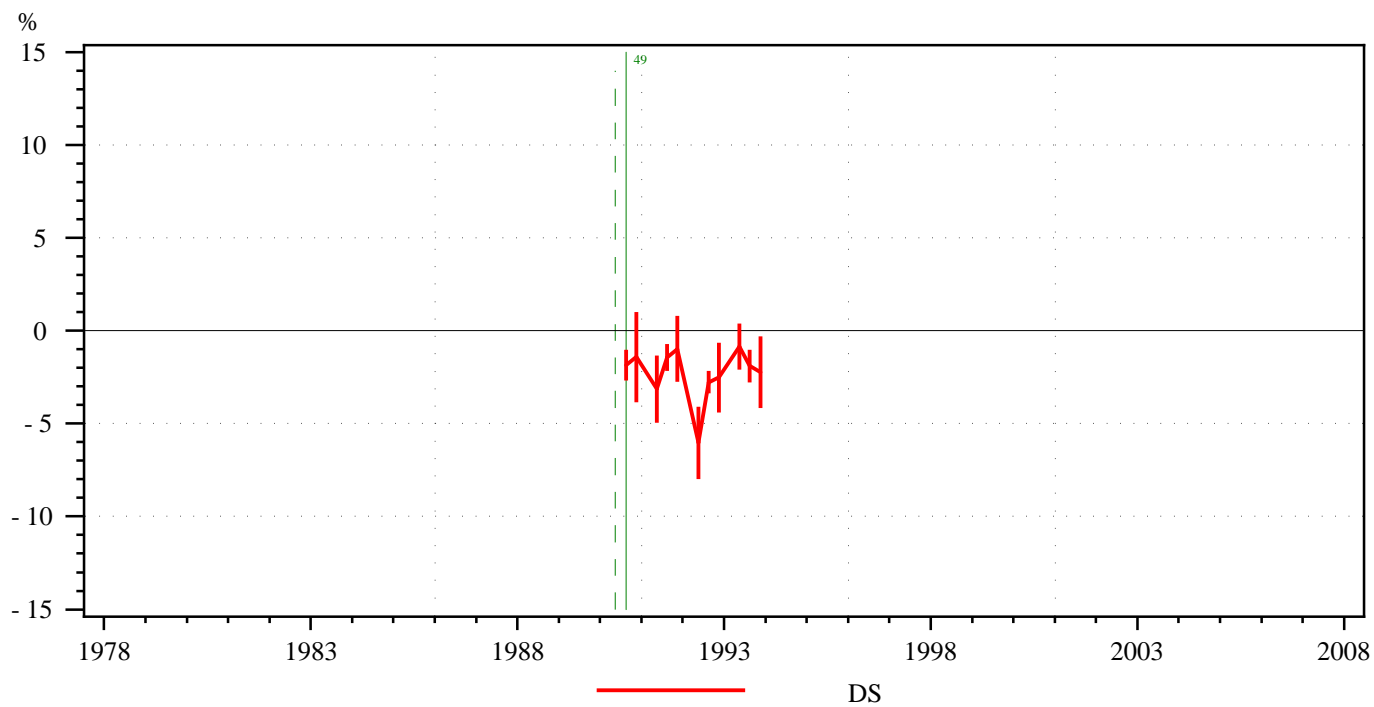
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	499	552	555	596	550.5	97
	Bias	.	1.01	1.84	-0.1	-0.32	0.61	2.16
	Daily sigma	.	4.7	2.16	2.43	2.46	2.93	2.54
	Monthly sigma	.	3.36	1.33	0.95	1.16	1.7	2.4
	Seasonal ampl.	.	4.05	1.33	1.15	1.88	2.1	2.9
	Annual range	.	3.99	1.13	0.83	1	1.74	3.15
ZS	Number of days	.	70	57	155	158	110	101
	Bias	.	6.89	7.15	3.06	2.8	4.98	4.35
	Daily sigma	.	5.85	3.85	4.41	3.91	4.51	2.01
	Monthly sigma	.	2.12	2.83	4.02	3.08	3.01	1.9

315 EUREKA / EUREKA LAB, 80N, 86W, Brewer



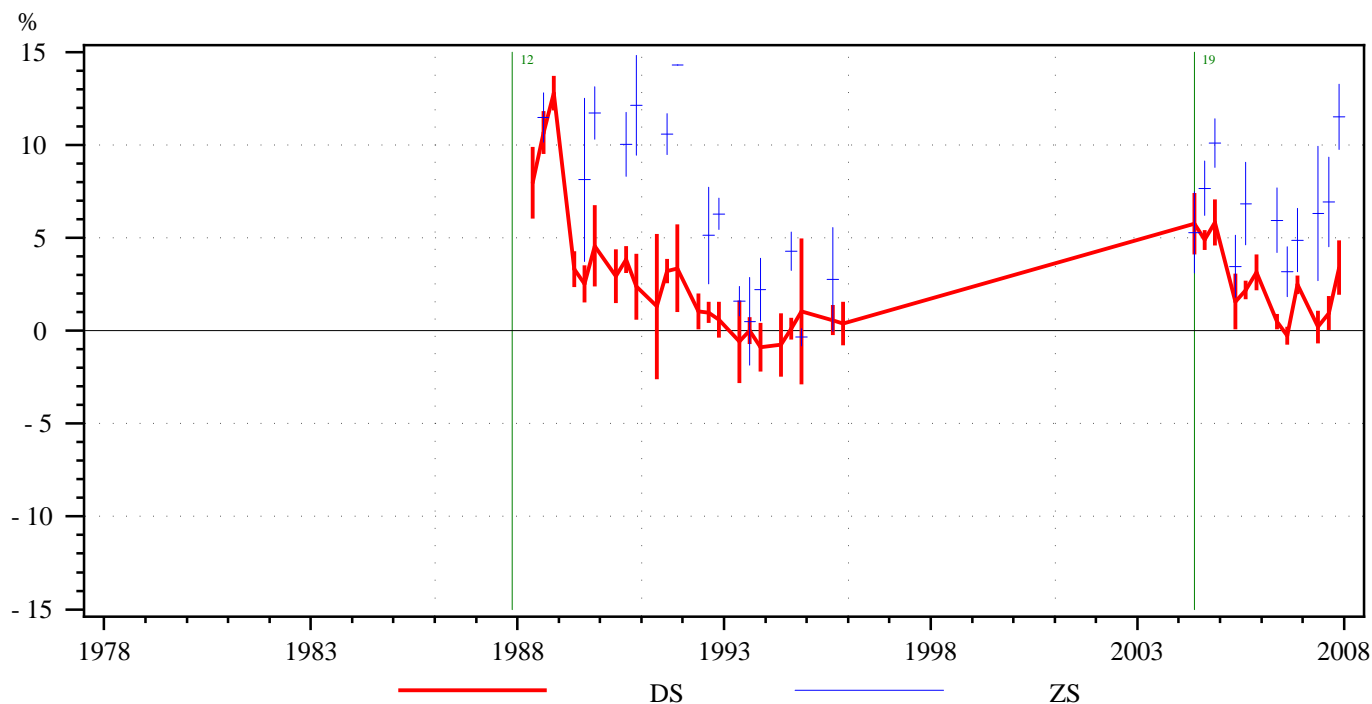
Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	.	.	.	701	701	0
	Bias	.	.	.	.	-0.23	-0.23	0
	Daily sigma	.	.	.	.	3.3	3.3	0
	Monthly sigma	.	.	.	.	2.84	2.84	0
	Seasonal ampl.	.	.	.	.	3.85	3.85	0
	Annual range	.	.	.	.	6.35	6.35	0
ZS	Number of days	.	.	.	.	121	121	0
	Bias	.	.	.	.	1.61	1.61	0
	Daily sigma	.	.	.	.	4.77	4.77	0
	Monthly sigma	.	.	.	.	4.64	4.64	0

114 HEISS ISLAND, 81N, 58E, Brewer



Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	87	341	.	.	214	254
	Bias	.	-1.72	-2.55	.	.	-2.14	0.83
	Daily sigma	.	4.16	4.62	.	.	4.39	0.46
	Monthly sigma	.	1.06	1.72	.	.	1.39	0.66
	Seasonal ampl.	.	.	4.29	.	.	4.29	0
	Annual range	.	.	1.63	.	.	1.63	0

018 ALERT / ALERT GAW LAB, 82N, 62W, Brewer



Obs	Direct Sun Statistics	1978-1985	1986-1990	1991-1995	1996-2000	2001-2006	Mean	Range
DS	Number of days	.	216	369	.	356	313.67	153
	Bias	.	6.52	1	.	2.49	3.34	5.51
	Daily sigma	.	5.52	2.97	.	3.3	3.93	2.54
	Monthly sigma	.	4.65	1.47	.	2.31	2.81	3.18
	Seasonal ampl.	.	.	1.15	.	1.59	1.37	0.44
	Annual range	.	9.06	3.41	.	4.99	5.82	5.65
ZS	Number of days	.	50	60	.	72	60.67	22
	Bias	.	11.8	5.94	.	6.49	8.08	5.86
	Daily sigma	.	3.97	5.17	.	3.55	4.23	1.62
	Monthly sigma	.	0.91	5.25	.	2.26	2.81	4.34