

Tables for the prediction of solar flares & sunspotgroup evolution

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Data	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Holloman AFB, NM, USA	233	536	1536	2158	2859	2797	2772	1822	1102	840	526	17181
Learmonth, Australia	207	502	1395	2088	2940	2977	2997	2014	1197	856	556	17729
Palehua, Hawaii, USA	165	30										195
Ramey AFB, Puerto Rico	261	616	1612	1977	3031	2886	2660	769				13812
San Vito, Italy	204	434	1337	1598	2681	2674	2310	1392	812	697	446	14585
Total evaluated	1070	2118	5880	7821	11511	11334	10739	5997	3111	2393	1528	63502
Holloman AFB, NM, USA	21	42	210	2075	164	137	579	285	208	185	97	4003
Learmonth, Australia	32	35	135	466	554	2915	2942	1935	1155	824	541	11534
Palehua, Hawaii, USA	5											5
Ramey AFB, Puerto Rico	247	604	1573	101	2956	514	144	51				6190
San Vito, Italy	24	11	29	46	57	51	31	20	18	10	3	300
Total used	329	692	1947	2688	3731	3617	3696	2291	1381	1019	641	22032
Total added	2	4	6	37	47	23	28	25	20	12	2	206
Total in database	331	696	1953	2725	3778	3640	3724	2316	1401	1031	643	22238
Total in transitions	271	589	1687	2352	3328	3184	3264	2031	1229	908	555	19398

Table 1: Overview of data

SC23 ALL	C	M	X	SC23 9699	C	M	X	SC23 9902	C	M	X	SC23 0206	C	M	X
AXX	3	0	0	AXX	2	0	0	AXX	3	0	0	AXX	4	0	0
BXI	53	0	0	BXI				BXI				BXI	53	0	0
BXO	7	0	0	BXO	5	0	0	BXO	7	0	0	BXO	7	0	0
CAI	36	6	0	CAI	49	28	0	CAI	83	0	0	CAI	26	5	0
CAO	19	2	0	CAO	23	2	0	CAO	16	2	0	CAO	18	2	0
CHI	22	0	0	CHI				CHI				CHI	22	0	0
CHO	21	0	0	CHO	26	0	0	CHO	21	0	0	CHO	17	0	0
CKI	60	8	15	CKI	63	0	0	CKI	75	18	18	CKI	59	0	10
CKO	31	6	3	CKO	42	7	9	CKO	34	5	0	CKO	14	6	0
CRI	28	0	0	CRI	63	0	0	CRI				CRI	0	0	0
CRO	10	1	0	CRO	12	1	0	CRO	9	2	0	CRO	11	0	0
CSI	31	0	0	CSI	63	0	0	CSI	0	0	0	CSI	21	0	0
CSO	14	1	0	CSO	16	1	0	CSO	14	1	0	CSO	15	1	0
DAC	84	27	1	DAC	45	12	0	DAC	68	27	0	DAC	90	27	2
DAI	65	10	0	DAI	72	11	2	DAI	64	8	0	DAI	63	10	0
DAO	31	4	0	DAO	38	3	0	DAO	31	4	0	DAO	29	4	0
DHC	96	69	28	DHC				DHC	0	0	0	DHC	98	75	33
DHI	68	19	0	DHI	39	0	0	DHI	39	0	0	DHI	73	26	0
DHO	38	7	2	DHO	31	17	6	DHO	36	5	0	DHO	41	0	0
DKC	80	33	3	DKC	63	25	0	DKC	70	19	0	DKC	84	38	5
DKI	69	16	4	DKI	70	18	4	DKI	67	16	3	DKI	66	13	3
DKO	48	14	3	DKO	45	2	2	DKO	42	15	2	DKO	50	17	3
DRI	76	0	0	DRI	86	0	0	DRI	45	0	0	DRI	70	0	0
DRO	23	1	0	DRO	27	8	0	DRO	19	0	0	DRO	21	0	0
DSC	67	5	5	DSC	60	9	0	DSC	70	0	0	DSC	63	0	39
DSI	50	11	0	DSI	54	0	0	DSI	54	15	0	DSI	50	19	0
DSO	21	3	0	DSO	27	3	0	DSO	20	3	0	DSO	21	2	0
EAC	70	14	2	EAC	69	18	0	EAC	73	16	0	EAC	58	7	5
EAI	71	16	1	EAI	79	9	0	EAI	68	14	2	EAI	70	20	2
EAO	37	6	1	EAO	33	6	1	EAO	36	8	0	EAO	38	5	1
EHC	82	25	0	EHC	89	0	0	EHC	91	36	0	EHC	76	44	0
EHI	74	12	6	EHI	80	0	0	EHI	81	20	0	EHI	68	0	13
EHO	76	21	0	EHO	71	12	0	EHO	70	15	0	EHO	90	25	0
EKC	91	34	7	EKC	86	28	2	EKC	85	26	2	EKC	95	43	11
EKI	75	21	3	EKI	86	20	0	EKI	69	20	3	EKI	79	18	3
EKO	65	19	2	EKO	56	18	2	EKO	59	16	0	EKO	75	22	3
ERO	44	0	0	ERO	0	0	0	ERO	55	0	0	ERO	0	0	0
ERI				ERI				ERI				ERI			
ESC	92	11	0	ESC	92	7	0	ESC	99	25	0	ESC			
ESI	48	2	0	ESI	58	4	0	ESI	45	2	0	ESI	38	0	0
ESO	37	4	0	ESO	43	2	0	ESO	36	3	0	ESO	32	6	0
FAC	86	23	0	FAC	76	8	0	FAC	85	27	0	FAC	91	9	0
FAI	73	16	0	FAI	70	10	0	FAI	75	18	0	FAI	70	9	0
FAO	58	17	0	FAO	52	10	0	FAO	55	19	0	FAO	68	13	0
FHC	87	66	0	FHC	79	53	0	FHC	83	58	0	FHC	100	99	0
FHI	75	21	0	FHI	70	18	0	FHI	79	25	0	FHI	84	28	0
FHO	52	8	0	FHO	21	0	0	FHO	42	14	0	FHO	72	0	0
FKC	91	55	15	FKC	87	30	8	FKC	89	43	11	FKC	94	62	18
FKI	91	36	5	FKI	88	7	0	FKI	90	39	5	FKI	90	31	5
FKO	59	19	0	FKO	53	17	0	FKO	60	21	0	FKO	63	11	0
FRO	0	0	0	FRO				FRO	0	0	0	FRO	0	0	0
FRI				FRI				FRI				FRI			
FSC	91	9	0	FSC	91	9	0	FSC	92	10	0	FSC			
FSI	67	38	0	FSI	70	18	0	FSI	53	46	0	FSI	81	28	0
FSO	47	1	0	FSO	44	0	0	FSO	50	2	0	FSO	55	0	0
HAX	8	2	0	HAX	11	4	0	HAX	7	2	0	HAX	9	1	0
HHX	12	2	0	HHX	6	3	0	HHX	13	3	0	HHX	16	2	0
HKX	15	7	1	HKX	13	0	0	HKX	11	3	1	HKX	18	13	2
HRX	5	0	0	HRX	8	0	0	HRX	4	0	0	HRX	4	0	0
HSX	5	1	0	HSX	4	1	0	HSX	5	1	0	HSX	7	1	0
XXX	69	30	13	XXX	0	39	63	XXX	22	46	0	XXX	76	24	5
YYY	39	0	0	YYY	54	0	0	YYY	33	0	0	YYY	63	0	0
ZZZ	64	10	0	ZZZ	65	3	0	ZZZ	48	9	0	ZZZ	74	13	0

Table 2: Likelihood (%) on C-, M- and X-flare based on today's McI

