

TABLE OF SUNSPOT GROUPS

JANUARY 2001

Helicographic Group	Latitude-Longitude		C.M. Passage	First Obs.	Last Obs.	E-Side		C.M.	W-Side	
	NO.	tude				NO.	tude		NO.	tude
N735023	25	168-171	Jan. 4	Jan. 4	Jan. 6		A 1 - ..	..	C 7 J 3	
N735112	13	164-169	Jan. 4	Jan. 1	Jan. 5		A 3 - C 5	C 5	J 2	
N735221	26	130-137	Jan. 7	Jan. 1	Jan. 11	J 2 - J 2	D 8 C 4 C 5	- -	J 2 A 1	
N7353 8	10	116-118	Jan. 8	Jan. 3	Jan. 14	J 2 J 2	J 3 J 3 -	- -	J 6 J 7 J 4 - A 2	
N735422	23	177-183	-	Jan. 4	Jan. 6				C 5 D11 D16	
N7355 9	126		-	Jan. 4	Jan. 4		A 1			
N7356 8-10	84-92		Jan. 10	Jan. 5	Jan. 16	J 2 J 2	- -	C 5	D15 D15 - C 9 J 4 A 1	
N735718	22 82-89		Jan. 11	Jan. 5	Jan. 15	J 3 C 6	- -	C11	C11 D 6 - C 4 A 1	
N7358 23	86		-	Jan. 6	Jan. 6		A 1			
N7359 21	117		-	Jan. 10	Jan. 10				J 3	
N736016	17 93-94		Jan. 10	Jan. 10	Jan. 10				A 2	
N736110	14 67-76		Jan. 12	Jan. 10	Jan. 16				J 4 - J 2 J 2 J 2	
N7362 9-16	50-66		Jan. 13	Jan. 10	Jan. 18		D20 E34 E48	-	F69 F50 F41 F23 C 5	
N736313	16 30-39		Jan. 14	Jan. 10	Jan. 19	J 2 C 7	D15 -	D17	D16 C17 C14 C 6 J 2	
N7364 14	83		Jan. 11	Jan. 11	Jan. 11				A 1	
N7365 26	345		-	Jan. 14	Jan. 16	J 2 J 2	A 1			
N7366 4- 6326	338		Jan. 19	Jan. 16	Jan. 24		C 4 C 6 D12	D12	- C 9 - D13 E14	
N7367 9	308		-	Jan. 16	Jan. 19	A 2 J 2	J 2 J 2			
N7368 5	343		Jan. 18	Jan. 18	Jan. 18				A 1	
N7369 6	38		-	Jan. 19	Jan. 19					J 2
N7370 15	23-26		-	Jan. 19	Jan. 19					B 3
N7371 12	319		-	Jan. 21	Jan. 21				A 2	
N7372 6- 9300	306		Jan. 21	Jan. 21	Jan. 21				B 2	
N737310	11 233-236		-	Jan. 23	Jan. 24		A 1 D 6			
N7374 4- 6264	268		Jan. 24	Jan. 24	Jan. 30				C 3 - - - D 5 C 6 A 2	
N737525	28259-263		-	Jan. 28	Jan. 30					D 9 J 2 A 1
N7376 7	193-194		-	Jan. 28	Jan. 28				A 2	
N7377 8-13	180-189		Jan. 30	Jan. 28	Feb. 3		C10 C14	C 8	- - C 3 J 2	
N737816	18173-179		Jan. 31	Jan. 28	Feb. 5		A 2 .. C11	-	- C 5 D13 - A 1	
N7379 7	219		-	Jan. 30	Jan. 30					A 1
N7380 12	190		Jan. 30	Jan. 30	Jan. 30				A 1	
N738123	28109-119		Feb. 5	Jan. 30	Feb. 9	J 2 - -	C19 C27 -	C 6	- - C 8 C 4	
S707912	14120-124		Jan. 8	Jan. 3	Jan. 12	J 2 J 2	C 5 C 5 -	-	- J 3 J 2 J 2	
S708019	20158-160		-	Jan. 4	Jan. 4				A 2	
S708112	13107-110		-	Jan. 4	Jan. 4		A 1			
S7082 8	192		-	Jan. 5	Jan. 5					A 1
S7083 3- 4184	187		-	Jan. 6	Jan. 6					C 6
S7084 5- 6 63	64		Jan. 12	Jan. 11	Jan. 12				A 2	A 1
S7085 3	307-310		Jan. 21	Jan. 17	Jan. 21		A 1	-	B 4	
S7086 4- 7269	279		Jan. 24	Jan. 18	Jan. 29	J 3 D11	- D17 - D21	D31	- - - C11 J 3	
S7087 27	283-287		Jan. 23	Jan. 19	Jan. 23		C 3 - ..	-	A 1	
S708814	16249-255		Jan. 25	Jan. 19	Jan. 28	A 1 - D 9	- C10 C10	-	- - C 3	
S708922	23297-300		Jan. 22	Jan. 21	Jan. 24				C 4 -	D 4 B 2
S7090 2- 5227	239		Jan. 27	Jan. 21	Jan. 30	A 1 - C14	D24 - -	-	D43 E27 E34	
S709118	20339-346		-	Jan. 23	Jan. 24					D 9 A 1
S709220	22275-279		Jan. 23	Jan. 23	Jan. 29				J 2 C11 - - -	C 5 J 2
S7093 10	275		Jan. 24	Jan. 24	Jan. 24				A 1	J 2
S7094 8	234		-	Jan. 23	Jan. 23		A 1			
S709526	28270-272		Jan. 24	Jan. 24	Jan. 24				D 5	
S7096 6- 9215	219		-	Jan. 29	Jan. 29					B 4
S7097 12	201-202		Jan. 29	Jan. 29	Jan. 29				A 2	
S7098 9-11	147-152		Feb. 2	Jan. 29	Feb. 3		C 4 C 6 - -	-	A 1 A 3	
S7099 22	248		-	Jan. 30	Jan. 30					A 1
S7100 12	173		-	Jan. 30	Jan. 30					A 1
S7101 27	169		-	Jan. 30	Jan. 30					A 1

TABLE OF SUNSPOT GROUPS

FEBRUARY 2001

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side		C.M.	W-Side	
	Latitude	Longitude								
N7382	22-25	162-168	-	Feb. 2	Feb. 5				D11 C14	- A 1
N7383	8-9	158-163	-	Feb. 2	Feb. 3				D 9 D 8	
N7384	9-13	74-84	Feb. 7	Feb. 2	Feb. 11		J 3 C14 - E20 - -		D22 C22	- C 9
N7385	8-11	59-68	Feb. 9	Feb. 3	Feb. 11		C 4 - D 9 - - D15	D12	- J 3	
N7386	30	50-53	-	Feb. 8	Feb. 9			A 2 C 5		
N7387	18	103-107	-	Feb. 9	Feb. 9					C 4
N7388	16	53-54	Feb. 9	Feb. 9	Feb. 11			A 3	- A 1	
N7389	13-17	26-32	Feb. 11	Feb. 9	Feb. 17			A 1 - D 4	- - D13 D12 D12 D 7	
N7390	3-5	344-348	Feb. 15	Feb. 9	Feb. 16		C 4 - D 6 - - D 6	C 4 C 3		
N7391	9-10	30-34	Feb. 11	Feb. 11	Feb. 11			C 5		
N7392	28	338	Feb. 15	Feb. 11	Feb. 20		J 2 - - J 2 J 2	J 2 J 2 J 2 J 2 A 1		
N7393	17-19	312-315	Feb. 17	Feb. 11	Feb. 22		J 2 - - J 3 J 3 J 2 C 3	J 2 J 2 J 2 J 2 J 2		
N7394	19	257-260	-	Feb. 18	Feb. 19			C 4 J 4		
N7395	11-15	188-195	Feb. 26	Feb. 21	Mar. 3		D 6 D11 - - D15	C37	C27 - - C 5 J 2	
N7396	8	194	Feb. 26	Feb. 26	Feb. 26			A 1		
N7397	15	183	Feb. 27	Feb. 27	Feb. 27			A 1		
S7102	9	130-131	-	Feb. 3	Feb. 3			A 2		
S7103	11-12	98-100	-	Feb. 5	Feb. 5			A 4		
S7104	25-27	50-54	-	Feb. 5	Feb. 8		A 2 - - C 7			
S7105	17-21	47-56	Feb. 9	Feb. 5	Feb. 15		A 2 - - C10	B 4 - D26 - - C 5 J 2		
S7106	8-10	39-50	Feb. 10	Feb. 5	Feb. 16		D 8 - - G15 E13	- C10 - - J 2 J 2 J 2		
S7107	7-9	66-69	Feb. 8	Feb. 8	Feb. 11			C 5	C 4 - B 2	
S7108	18-20	42-46	Feb. 10	Feb. 8	Feb. 11			A 1 C 3	- C 5	
S7109	26-27	26-30	-	Feb. 14	Feb. 15				D 6 J 2	
S7110	15	304	Feb. 18	Feb. 14	Feb. 22		A 1 .. .. ..	.. .. .. A 1		
S7111	21-22	265-273	Feb. 20	Feb. 15	Feb. 21		A 1 B 2 B 2 .. B 3 A 1	A 1		
S7112	21-22	299-304	Feb. 18	Feb. 16	Feb. 22			A 1 J 3 C 8	C 4 D10 D 5 C 3	
S7113	22	10	-	Feb. 17	Feb. 19				A 1 .. A 1	
S7114	7-10	281-288	Feb. 19	Feb. 17	Feb. 26			D 8 D11 D19	D30 D28 D27 - - D11 J 2	
S7115	23-25	254-262	Feb. 21	Feb. 18	Feb. 26			C 6 J 4 C 8 C 7	A 4 - - C 5 C 7	
S7116	12-13	301-302	-	Feb. 19	Feb. 19			A 4		
S7117	6-10	244-250	Feb. 22	Feb. 19	Feb. 27			D 6 D10 D16 B 2	- - .. C 4 J 3	
S7118	26	301	-	Feb. 21	Feb. 22				J 2 A 1	
S7119	10	196-197	Feb. 26	Feb. 21	Feb. 27		J 2 J 2 - - C 4	J 3	J 2	
S7120	19	189	-	Feb. 27	Feb. 27				A 1	

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	MARCH 2001		E-Side	C.M.	W-Side
	Latitude	Longitude		First Obs.	Last Obs.			
N7398	8-11	81-87	Mar. 6	Mar. 2	Mar. 7	J 3 C 4 - -	J 2 J 2	
N7399	23-27	80-94	Mar. 6	Mar. 3	Mar. 11	D 7 - -	E28 E25 - E37 E21 C 5	
N7400	8-12	61-71	Mar. 8	Mar. 3	Mar. 13	A 1 - - C12 D18	- D29 D33 D27 - C 7	
N7401	17	168	-	Mar. 6	Mar. 6			J 3
N7402	19-23	139-152	-	Mar. 6	Mar. 7			D12 E20
N7403	30	323	-	Mar. 13	Mar. 14	J 2 A 1		
N7404	8-9	48-50	-	Mar. 14	Mar. 14			C 3
N7405	8-11	331-335	Mar. 15	Mar. 15	Mar. 19		C 8 D17 - - J 3	
N7406	15-17	325-332	-	Mar. 19	Mar. 20			C 8 J 3
N7407	21	326	-	Mar. 19	Mar. 19			A 1
N7408	3-4	294-296	-	Mar. 19	Mar. 19		A 3	
N7409	14-15	305-306	-	Mar. 20	Mar. 22			J 2 J 4 J 3
N7410	8-10	207-216	Mar. 24	Mar. 20	Mar. 30	C 5 C14 D11 -	D14 - C 5 J 2 - - J 2	
N7411	11-16	182-192	Mar. 26	Mar. 21	Mar. 30	D 8 D16 - D22 -	D21 D12 - - J 2	
N7412	17	178-179	-	Mar. 21	Mar. 26	J 2 J 3 - J 3 - A 1		D 8 - D10 - J 2
N7413	9-22	256-265	-	Mar. 22	Mar. 26			
N7414	9	158	-	Mar. 24	Mar. 27	J 2 - J 2 J 2		
N7415	2-22	146-163	Mar. 28	Mar. 24	Apr. 4	H23 - E42 F74 -	- F79 - F52 F47 - D11	
N7416	21	203	-	Mar. 26	Mar. 26		J 2	
N7417	13	179	-	Mar. 26	Mar. 26			
N7418	9-10	177-180	Mar. 27	Mar. 26	Mar. 27		A 1	
N7419	7-25	128-141	Mar. 30	Mar. 26	Apr. 5	D20 D17 - -	E35 - C20 C13 - C 7 C 5	
N7420	7	123	-	Mar. 26	Mar. 27	J 2 J 2		
N7421	10-11	80-87	Apr. 3	Mar. 30	Apr. 8	C 4 - C 7 C 4 -	J 3 J 2 C 4 J 2 J 2	
N7422	24-26	80-82	Apr. 3	Mar. 30	Apr. 9	J 2 - J 2 J 4 -	J 4 J 3 J 3 J 3 J 2 J 2	
N7423	8	79	-	Mar. 30	Apr. 1	J 2 - A 2		
S7121	7-9	122-128	Mar. 3	Mar. 2	Mar. 7		J 3 D 8 - - J 4 C 5	
S7122	23-25	90-100	Mar. 5	Mar. 2	Mar. 7	C 6 D14 - -	D15 C 9	
S7123	13	132	-	Mar. 9	Mar. 9			J 2
S7124	10	30	Mar. 10	Mar. 9	Mar. 10	A 1 A 1		
S7125	34-37	87-96	-	Mar. 10	Mar. 11			D11 D 9
S7126	14-16	71-74	-	Mar. 10	Mar. 11			A 2 B 2
S7127	18	340	-	Mar. 10	Mar. 11	J 2 A 1		
S7128	3-10	322-338	Mar. 15	Mar. 10	Mar. 21	C13 D23 - E49 E57	F50 F48 - - G16 G 9 B 3	
S7129	17	16	-	Mar. 11	Mar. 11		A 1	
S7130	10	14	-	Mar. 11	Mar. 11		A 1	
S7131	7-19	311-314	Mar. 16	Mar. 13	Mar. 16		A 1	
S7132	12-13	303-305	-	Mar. 13	Mar. 16	C 3 J 3 A 2		
S7133	9	297	-	Mar. 13	Mar. 14	A 2 A 4 A 1 B 3		
S7134	8-10	17-22	-	Mar. 15	Mar. 16	J 2 J 2		
S7135	3-6	315-322	-	Mar. 19	Mar. 22			D 8 C 5
S7136	12	255	-	Mar. 19	Mar. 20			D18 D23 C10 C 5
S7137	10-14	182-189	Mar. 26	Mar. 20	Apr. 1	A 1 J 2 C 3 - C 5 -	C10 D10 - - C 9 - A 3	
S7138	8	294	-	Mar. 21	Mar. 21			A 2
S7139	3	258	Mar. 21	Mar. 21	Mar. 21		J 3	
S7140	8	242	-	Mar. 21	Mar. 21			
S7141	12-14	169-176	Mar. 27	Mar. 21	Mar. 27	A 1 D10 - D15 - D19	D11	
S7142	28-29	196-201	-	Mar. 24	Mar. 27			D10 D 8
S7143	11-12	140-144	Mar. 29	Mar. 24	Apr. 2	J 2 - J 3 J 2 -	- C 5 - J 2 J 2	
S7144	3-7	206-212	-	Mar. 26	Mar. 30			D32 D18 - - D11
S7145	6-11	123-138	Mar. 30	Mar. 26	Apr. 5	E 9 E15 - -	G22 - E18 G14 - G 5 A 1	
S7146	15	186	-	Mar. 27	Mar. 27			A 1
S7147	11-14	119-121	Mar. 31	Mar. 27	Apr. 2	B 4 - - B 2 -	- A 1 A 3	
S7148	3-7	100-105	Apr. 1	Mar. 27	Apr. 4	J 2 - - J 3 -	C17 D17 - B 4	
S7149	16	134	Mar. 30	Mar. 30	Mar. 30		A 2	
S7150	7-10	109-121	Mar. 31	Mar. 30	Apr. 6		E30	C28 C20 - D19 C12 H 4
S7151	36	89	-	Mar. 30	Mar. 30	A 2		

TABLE OF SUNSPOT GROUPS

APRIL 2001

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side	C.M.	W-Side
	Latitude	Longitude						
N7424	9-12	113-119	-	Apr. 1	Apr. 6			J 2 D10 - D11 C 8 C 5
N7425	15-17	87-94	Apr. 2	Apr. 2	Apr. 5		A 1	- D12 C 5
N7426	22	91	Apr. 2	Apr. 2	Apr. 2		A 1	
N7427	5- 6	67-68	Apr. 4	Apr. 4	Apr. 4		A 2	
N7428	24-28	341-352	Apr.10	Apr. 4	Apr.16	J 4 C 9 D12 D13 D17 C21	C14	E10 - G 5 G11 E 9 C 3 A 3
N7429	30-33	82-83	-	Apr. 6	Apr. 6			
N7430	25	38	Apr. 6	Apr. 6	Apr. 6		A 1	
N7431	19-20	2-4	Apr. 9	Apr. 9	Apr.11		A 3	A 2 A 3
N7432	11	351	-	Apr. 9	Apr. 9		A 1	
N7433	16	334	-	Apr.10	Apr.10		A 1	
N7434	20	21	-	Apr.11	Apr.11			A 2
N7435	14-15	324-326	-	Apr.14	Apr.14			A 2
N7436	8- 9	225-226	Apr.19	Apr.14	Apr.23	J 2 J 2 J 2 J 2 -	J 2	J 2 - J 2 J 2 D 6 D 6 - A 1
N7437	18-20	242-246	-	Apr.19	Apr.22			
N7438	7-12	212-217	Apr.20	Apr.19	Apr.23		D13	D17 - D17 D 9
N7439	11	168	Apr.24	Apr.19	Apr.27	A 1 A 1 -	-	.. A 1
N7440	13-22	142-164	Apr.25	Apr.19	May 1	C11 F24 - F64 F76 -	-	F75 F63 F46 - - H 6
N7441	9-11	119-124	Apr.27	Apr.22	Apr.28	J 2 J 3 - - C 8	C 9	J 4
N7442	9-12	156-160	-	Apr.26	Apr.27			B 8 A 2
N7443	18-20	137-138	Apr.26	Apr.26	Apr.28		A 3	A 1 A 3
N7444	26-27	66-67	May 1	Apr.26	May 6	J 2 J 2 J 2 - -	J 2	- J 3 J 2 J 2 J 2
N7445	8- 9	110-113	Apr.28	Apr.27	Apr.28		A 4	B 5
N7446	4-10	74-85	Apr.30	Apr.27	May 6	D18 D19 -	-	E27 - E24 E15 C 5 J 2 A 1
N7447	14	140	-	Apr.28	Apr.28			A 1
N7448	24	132	-	Apr.28	Apr.28			A 1
N7449	13	127	-	Apr.28	Apr.28			A 1
S7152	13-16	44-47	Apr. 6	Apr. 1	Apr. 6	J 3 J 5 - J 2	A 1	A 3
S7153	22	30	-	Apr. 2	Apr. 5	J 3 - J 2 A 1		
S7154	17-24	355- 4	Apr. 9	Apr. 4	Apr.16	D15 D20 D27 D26 D34	E42	E48 E44 - D21 D13 D10 A 1
S7155	25	39	Apr. 6	Apr. 5	Apr. 7		A 1	.. A 1
S7156	22-23	17-20	Apr. 8	Apr. 5	Apr.11	A 2 A 1 .. ..	..	C 4 J 2
S7157	7- 9	16-23	Apr. 8	Apr. 5	Apr.11	D12 D20 D20	D19	D14 D13 C 6
S7158	6- 7	329-332	Apr.11	Apr. 6	Apr.16	J 3 J 2 J 2 J 2 C 4	J 2	- J 6 J 6 J 2 A 1 C 3 J 2 J 3
S7159	15	59-62	-	Apr. 7	Apr. 9			
S7160	24	15	-	Apr. 7	Apr. 7		A 1	
S7161	15-17	329-336	Apr.11	Apr. 8	Apr.16	A 2 A 1 A 3	B 7	- D 8 C 4 J 2 A 2
S7162	10-12	303-307	Apr.13	Apr. 8	Apr.16	J 2 J 4 J 4 J 5 -	D10	C 8 J 4 J 2 C 9 D19 - C 8 A 5
S7163	4- 6	14-20	-	Apr.10	Apr.14			
S7164	4	342	Apr.10	Apr.10	Apr.10		A 2	
S7165	7- 8	8336-340	Apr.11	Apr.11	Apr.15		A 2	- D11 C 5 J 3
S7166	9-10	287-292	Apr.15	Apr.11	Apr.16	C 7 - D 8 C 5	C 6	B 4
S7167	26	1	-	Apr.15	Apr.15			A 1
S7168	16-17	291-296	-	Apr.16	Apr.17			C 6 C 4
S7169	10	201	-	Apr.17	Apr.17	A 2		
S7170	9	206	-	Apr.19	Apr.19	A 1		
S7171	14	234-236	-	Apr.20	Apr.20		A 2	
S7172	18-21	188-197	Apr.22	Apr.20	Apr.28	D 9 -	D19	D11 - - D 8 C 5 J 2 A 1
S7173	31	242	-	Apr.22	Apr.22			A 1
S7174	44	234	-	Apr.22	Apr.22			A 1
S7175	10-11	192-198	Apr.22	Apr.22	Apr.27		C10	C 5 - - J 2 A 1
S7176	8-10	121-123	Apr.27	Apr.22	May 3	J 2 J 2 - - J 2	J 2	J 3 - - J 3 - J 2
S7177	13	120-126	-	Apr.23	Apr.23	C 3		
S7178	19-21	168-169	-	Apr.26	Apr.28			C 4 J 2 A 1
S7179	10	97	-	Apr.27	Apr.27		A 1	
S7180	10	37-42	-	Apr.28	May 1	A 1 - - C 3		

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	MAY 2001					
	Latitude	Longitude				E-Side						C.M.	W-Side
N7450	23-29	16-35	May 4	May 1	May 9		F37	-	F45	F51	F36 F43 F18 - C10
N7451	20-21	346-351	May 7	May 1	May 13	A 1	-	J 5 C11 J 6 J 6	C 6	-	J 5 J 4 J 3 - J 2
N7452	10-13	58-70	-	May 3	May 7						D26 E34 E21 E 9 C 4
N7453	16-17	300-301	-	May 7			A 2				
N7454	11-15	225-238	May 16	May 10	May 20	H 4 E13	-	E22 E23 E21	E28	E25 E18 C14 A 1	
N7455	4-	7278-285	-	May 13	May 18						D14 C12 C10 D 9 D 6 A 1
N7456	25-27	259-260	May 14	May 14	May 14				A 3		
N7457	16-17	222-225	May 17	May 15	May 19		A 2	A 1	A 2	B 4 J 2	
N7458	7	237	May 16	May 16	May 16				A 1		
N7459	17-22	158-166	May 21	May 16	May 26		J 3 C 9 C17 D23 C16		C 8	- - - J 3 J 2	
N7460	15	161	May 21	May 16	May 21		J 2 J 2 J 2 J 2 A 1		A 1		
N7461	19-20	133-134	May 23	May 17	May 29	J 2 J 2 J 2 J 2 J 2	-	-	-	-	J 2 J 2 - J 2 J 2
N7462	27	256	-	May 18	May 18						A 1
N7463	5-10	121-135	May 24	May 18	May 29	J 2 C 9 D16 E30	-	-	-	G29 G24 - G 8 G 4	
N7464	3- 8	92-99	May 26	May 21	Jun. 1	J 2	-	-	C18	D26	- D14 D 7 - - J 2
N7465	26-28	125-126	-	May 25	May 25						A 3
N7466	12-13	65-74	May 28	May 25	May 29		C 3 C 4	-	B 3	A 1	
N7467	18-21	35-41	May 31	May 26	Jun. 1	A 1	-	C10 C13	-	-	A 1
N7468	24-25	118	-	May 28	May 29						A 2 A 3
N7469	18-19	14-28	Jun. 1	May 28	Jun. 7	C 3 D 9	-	-	C 7	C 8	- D17 D15 - J 2
S7181	10-11	53-54	-	May 1	May 1				A 2		
S7182	0- 2	28-34	May 4	May 3	May 7				A 1	A 2	C 8 C 5 B 5
S7183	14-16	332-339	May 8	May 3	May 11		J 3 J 2 J 3 J 3 J 3		-	-	C 7 J 6 J 3
S7184	19-22	300-304	May 11	May 5	May 17	J 2 J 2 J 3	-	C 6 J 4	C 7	-	C 9 C 8 J 2 J 2 J 2
S7185	8	21	-	May 6	May 6						A 1
S7186	37	13	-	May 7	May 7						A 1
S7187	9	277	-	May 7	May 11	A 1	-	J 2 J 2 J 2			
S7188	8	353	-	May 9	May 9						A 1
S7189	7- 9	343-345	-	May 9	May 10						A 3 J 2
S7190	15-19	267-282	May 13	May 11	May 19		D10	-	D29	E31	E29 E28 E27 E25 C 8
S7191	18-19	261-262	-	May 13	May 13				A 2		
S7192	10-13	293-298	-	May 14	May 17						A 1 C 8 C 6 C 4
S7193	10-13	273-274	-	May 14	May 15						A 1 A 2
S7194	22	192	-	May 14	May 15	A 1	A 1				
S7195	32	238	May 16	May 16	May 16					A 1	
S7196	32	134	-	May 19	May 20		J 2 J 2				
S7197	9	122	-	May 19	May 21		J 3 J 2 J 2				
S7198	20	240	-	May 20	May 20						A 1
S7199	3- 6	115-118	May 25	May 20	May 28	A 2 J 2	-	-	-	J 4	C 5
S7200	9-11	111-108	May 25	May 20	May 26	C 5 J 6	-	-	-	A 4	A 5 - B 2
S7201	6- 7	103-105	May 26	May 20	May 29	J 2 J 2	-	-	-	J 4	J 2 - C 4 J 3
S7202	14-15	57-62	May 29	May 28	Jun. 2				C 9	A 1	- - .. A 5

TABLE OF SUNSPOT GROUPS

JUNE 2001

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side		C.M.	W-Side	
	Latitude	Longitude								
N7470	19	9	Jun. 2	Jun. 2	Jun. 2			A 1		
N7471	26-28	4-9	Jun. 2	Jun. 2	Jun. 8			C 5 -	D17 D19 -	D 8 D 5
N7472	19-23	282-285	Jun. 8	Jun. 2	Jun. 13	J 2 -	H 7 H10 - H10	H12 H14 H13	C 8 J 8 J 7	
N7473	16-22	264-278	Jun. 9	Jun. 5	Jun. 13		J 2 - D11 D17	D32 E34 C30	E15 C 5	
N7474	18-21	240-248	Jun. 11	Jun. 7	Jun. 16		C 8 D19 D16 D14	D11 D14 D 8 - -	J 2	
N7475	25-28	241-243	Jun. 11	Jun. 7	Jun. 18		J 2 C 4 J 3 J 2	J 3 J 2 C 4 - -	J 3 - J 3	
N7476	5-7	222-237	Jun. 12	Jun. 7	Jun. 18	C 4 E 8	F15 F 9 F 9	G 6 F 6 - -	J 2 - J 2	
N7477	3-6	254-260	Jun. 10	Jun. 8	Jun. 12		D14 D15	C 7 D 9 B 6		
N7478	8-9	297-300	-	Jun. 9	Jun. 11				D 8 C 4 J 2	
N7479	18-19	221-229	Jun. 13	Jun. 9	Jun. 18		A 1 .. B 5 D11	D10 - -	J 2 - J 2	
N7480	23-24	195-199	Jun. 15	Jun. 10	Jun. 18		A 1 C 6 C 5 D 6 -	- C 6 -	J 3	
N7481	10-14	161-173	Jun. 17	Jun. 11	Jun. 18	A 2 J 4	C 8 - - C13	- C 8		
N7482	2-7	243-250	-	Jun. 12	Jun. 16			A 3 B 5 - -	D16	
N7483	12-23	130-149	Jun. 19	Jun. 13	Jun. 24	C 4 - -	F46 - F76	- - F64 F51 -	C19	
N7484	7-11	134-140	Jun. 19	Jun. 16	Jun. 24		H 6 - H13	- - H16 H 8 -	H 4	
N7485	16-22	102-125	Jun. 21	Jun. 16	Jun. 27	C16 -	F31 - -	F34 F34 - C13 -	J 2 J 2	
N7486	9-12	65-72	Jun. 25	Jun. 21	Jun. 29		A 1 A 2 - D25	- C15 C11	C 8 J 4	
N7487	8-9	125-127	-	Jun. 22	Jun. 22			A 2		
N7488	18-24	17-32	Jun. 28	Jun. 22	Jul. 3	J 2 -	E22 - E19 C19	C11 C 6 -	C 5 J 2 A 1	
N7489	15-17	28-31	Jun. 27	Jun. 22	Jun. 29	J 3 -	J 3 - C13	C 8 B 3 A 1		
N7490	8-13	11-17	Jun. 28	Jun. 24	Jul. 5	J 2 -	J 2 J 2	C 6 J 3 -	C 3 J 3 J 2 J 2 J 2	
S7203	21-23	66-71	-	Jun. 1	Jun. 2				C 7 D 5	
S7204	12-14	352-360	-	Jun. 1	Jun. 2		C 3 J 3			
S7205	4-7	333-343	Jun. 4	Jun. 2	Jun. 10		C 9 -	C29 C21 -	C12 C 5 J 2 J 2	
S7206	21	297-301	-	Jun. 2	Jun. 5	J 2 -	C 5 A 1			
S7207	21-22	325-327	-	Jun. 4	Jun. 4		A 3			
S7208	15-19	283-295	Jun. 8	Jun. 4	Jun. 13	H 8 H 6 -	E31 E32	C14 C10 C10	J 4 J 2	
S7209	13-14	280-285	Jun. 8	Jun. 4	Jun. 10	B 2 ..	- A 1 B 4	A 3 A 1		
S7210	11	273	-	Jun. 5	Jun. 5	J 2				
S7211	5-10	304-315	-	Jun. 7	Jun. 13			A 2 D14 D27	E24 E19 E12 J 2	
S7212	12	269	Jun. 9	Jun. 9	Jun. 9			A 2		
S7213	7-10	224-229	Jun. 13	Jun. 9	Jun. 13	A 2 B 4	D13 C 6	B 3		
S7214	1-3	308-312	-	Jun. 11	Jun. 12				J 2 D 5	
S7215	11-13	170-172	Jun. 17	Jun. 11	Jun. 22	J 2 J 2 J 3 - -	C 8 -	J11 - -	J 9 J 4	
S7216	20-25	152-160	Jun. 18	Jun. 12	Jun. 18	A 2 C 7 - -	D18 -	D15		
S7217	20	232	-	Jun. 16	Jun. 16				J 3	
S7218	6-7	155-160	-	Jun. 21	Jun. 22				C 5 D 7	
S7219	8-11	135-142	-	Jun. 21	Jun. 24				D17 C14 -	J 3
S7220	12-13	83-84	-	Jun. 22	Jun. 22		A 2			
S7221	20-23	72-83	Jun. 24	Jun. 22	Jun. 29		D21 -	E27 -	E21 E16 C 6 J 3	
S7222	4-7	35-41	Jun. 27	Jun. 24	Jul. 2	D15 -	C11 C14	C 5 C 5 -	J 2 J 2	
S7223	12	111-114	-	Jun. 26	Jun. 26				A 4	
S7224	9	6	-	Jun. 27	Jun. 27		A 1			
S7225	44-45	335-341	Jul. 1	Jun. 27	Jul. 1	A 1 J 2	C 3 -	B 2		
S7226	7	329	-	Jun. 28	Jun. 28		A 1			
S7227	7	308-311	Jul. 4	Jun. 28	Jul. 5	J 2 J 2 -	J 2 J 2 C 4	.. A 1		
S7228	44-49	319-327	Jul. 3	Jun. 29	Jul. 5	A 1 -	D 6 C 7	C 9 C 9 C 4		

TABLE OF SUNSPOT GROUPS

JULY 2001

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side	C.M.	W-Side
	Latitude	Longitude						
N7491	17-22	271-276	Jul. 6	Jul. 1	Jul. 8	C 3 D 4 C 4 D 8 C 7	-	A 5 A 2
N7492	9	274	-	Jul. 1	Jul. 5	J 2 A 1 J 2 .. A 1		
N7493	4-5	265-266	Jul. 7	Jul. 2	Jul. 7	A 3 J 4 J 4 J 2 -	A 1	
N7494	4-8	237-241	Jul. 9	Jul. 3	Jul. 15	J 2 J 2 J 2 - C 9 D13	D 8	D 8 D 6 J 2 J 2 J 2 J 2
N7495	20-21	333-334	-	Jul. 4	Jul. 4			A 3
N7496	8	260	-	Jul. 8	Jul. 8			A 1
N7497	8-9	285-289	-	Jul. 9	Jul. 10			C 4 A 1
N7498	11	164-167	Jul. 14	Jul. 11	Jul. 14	D 7 J 3 J 4	A 4	
N7499	6-7	142-143	Jul. 16	Jul. 11	Jul. 22	J 2 J 2 J 2 J 2 J 2	J 2	J 2 - J 2 - - J 2
N7500	14	136	-	Jul. 12	Jul. 13	A 1 A 1		
N7501	15-17	121-123	Jul. 18	Jul. 12	Jul. 24	J 3 J 2 J 2 J 2 J 2 J 2	-	J 3 - - J 3 J 3 J 3
N7502	20-21	133-135	-	Jul. 13	Jul. 14	A 1 A 2		
N7503	17-19	106-110	Jul. 19	Jul. 13	Jul. 24	J 2 C 7 C 7 C 9 C 7 -	C 6	- - J 3 J 2 A 1
N7504	8-9	127-130	-	Jul. 14	Jul. 14	B 3		
N7505	17	147	-	Jul. 15	Jul. 15		A 1	
N7506	6-9	84-88	Jul. 21	Jul. 15	Jul. 22	B 2 A 2 B 3 - B 8 -	-	A 1
N7507	9-11	113-120	Jul. 18	Jul. 16	Jul. 24	C 8 C 7	-	A 1 - - D13 D10 C 5
N7508	12	174	-	Jul. 19	Jul. 19			A 1
N7509	18-19	127-129	-	Jul. 19	Jul. 19			A 2
N7510	16-18	56-64	Jul. 22	Jul. 19	Jul. 29	J 2 - - -	D 9	C12 C 5 J 2 J 2 J 2 J 2 A 1
N7511	17-18	90-91	-	Jul. 22	Jul. 25			A 3 A 1
N7512	13	32	-	Jul. 23	Jul. 23	A 1		
N7513	12-14	7-14	Jul. 26	Jul. 23	Jul. 28	B 2 D 7 C17	D23	D22 B14
N7514	19	281	-	Jul. 29	Jul. 29	A 1		
N7515	14-16	323-327	Jul. 30	Jul. 30	Aug. 4		A 1	.. A 1 D 8 B 6 D 5
N7516	4-8	239-247	Aug. 5	Jul. 30	Aug. 9	C 3 D 6 D10 D 9 D 6 D 5	C 6	J 4 - A 1 A 2
N7517	22-28	233-246	Aug. 5	Jul. 31	Aug. 9	A 1 .. B 6 D22 D27	D37	E38 - E34 E29
S7229	16-18	255-262	Jul. 7	Jul. 1	Jul. 11	A 1 J 4 J 4 J 6 J 6 -	C 7	C 7 J 3 J 5 B 3
S7230	13	274	-	Jul. 5	Jul. 5	A 1		
S7231	17-19	292-296	-	Jul. 7	Jul. 8			B 9 C 5
S7232	4-7	221-228	Jul. 10	Jul. 8	Jul. 14	C10 D25	D18	D15 D10 D 7 B 3
S7233	6-9	199-206	Jul. 12	Jul. 10	Jul. 17	D 9 C 8	C12	B 6 C 7 D 8 D 6 C 3
S7234	15-19	159-172	Jul. 14	Jul. 12	Jul. 19	B 5 D11	D26	D32 C24 E24 - C 6
S7235	6-10	163-169	Jul. 14	Jul. 12	Jul. 19	C11 C16	B12	B 7 C14 C13 - C 4
S7236	14	173	-	Jul. 13	Jul. 13	A 1		
S7237	8	151	-	Jul. 15	Jul. 15	A 1		
S7238	18-25	68-81	Jul. 21	Jul. 15	Jul. 28	J 2 E 8 E11 - E18 -	-	E33 E49 E46 E27 E16 C 9 J 2
S7239	17	75-81	-	Jul. 17	Jul. 19	D 7 - D 8		
S7240	13-14	82-87	Jul. 21	Jul. 19	Jul. 24	J 3 -	-	B 6 A 4 A 1
S7241	4	57-60	Jul. 23	Jul. 19	Jul. 26	J 2 - - .. ..	..	.. C 3 A 1
S7242	8-9	339-342	Jul. 28	Jul. 24	Jul. 28	A 1 B 3	A 2	
S7243	17-18	295-296	Aug. 1	Jul. 26	Aug. 3	J 2 J 2 J 3 J 3 J 4 J 4	J 3	C 4 A 1
S7244	21-23	336-343	Jul. 29	Jul. 28	Jul. 30		D11	C 6 A 2
S7245	18-21	281-289	Aug. 2	Jul. 28	Aug. 8	C 3 C 9 D 8 C 9 C14	C13	C13 H23 H28 H23 - D12
S7246	10-13	244-254	Aug. 4	Jul. 30	Aug. 9	C 4 D 9 D11 D14 D12	D 6	C 4 J 2 - J 2 J 2

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	AUGUST 2001		C.M.	W-Side
	Latitude	Longitude				E-Side			
N7518	16-20	219-228	Aug. 6	Aug. 1	Aug. 13	A 2 C 6 ..	D15 D24	D21	- D17 D19 - - - A 2
N7519	4	266	-	Aug. 5	Aug. 5				A 1
N7520	17	186	-	Aug. 8	Aug. 8			A 1	
N7521	8	142	Aug. 12	Aug. 8	Aug. 16	J 2 J 2 - -	-	J 3 J 3 J 2 J 2	
N7522	14	204	-	Aug. 13	Aug. 13				A 1
N7523	10-12	73-81	Aug. 17	Aug. 13	Aug. 23	J 3 J 3 J 3 J 6	C 5	- C 3 J 2 - - J 2	
N7524	24-25	40-41	Aug. 20	Aug. 14	Aug. 27	J 2 J 2 J 2 J 2 - J 3	J 2	- - J 2 J 2 J 2 - J 2	A 3 C 8 A 1
N7525	13-15	158-162	-	Aug. 15	Aug. 17				
N7526	30-31	30-32	-	Aug. 15	Aug. 19	A 1 A 2 J 4 - A 1			
N7527	13-18	8-15	Aug. 22	Aug. 17	Aug. 28	B 4 - D29 D31 -	-	D37 D20 C18 - J 4 A 2	
N7528	23	33	-	Aug. 19	Aug. 19			A 1	
N7529	26-31	26-34	Aug. 21	Aug. 19	Aug. 24	D16 D20	-	- D13 J 2	
N7530	15-18	50-56	-	Aug. 20	Aug. 24			A 3 - - B 9 B 5	
N7531	11	8-15	-	Aug. 23	Aug. 25			A 1 B 6 B 3	
N7532	21	10	-	Aug. 23	Aug. 23			A 1	
N7533	0-	1353-354	Aug. 24	Aug. 24	Aug. 24			A 2	
N7534	36-39	336-338	Aug. 25	Aug. 24	Aug. 25			A 2 A 2	
N7535	16	316	-	Aug. 24	Aug. 24			A 1	
N7536	17-18	263-269	Aug. 30	Aug. 27	Aug. 30			C 5 D10 B 8	B 3
N7537	21-23	246-248	Sep. 1	Aug. 27	Sep. 5	J 3 J 2 J 2 J 2 -	-	J 2 - J 2 J 2	
N7538	14-18	219-225	Sep. 3	Aug. 28	Sep. 9	D 8 D10 H12 - - H11	-	H18 H11 - - H 7 H 2	
N7539	9-18	209-225	Sep. 3	Aug. 28	Sep. 9	D 9 D19 E29 - - E60	-	E46 E48 - - E14 J 2	
S7247	11-14	259-265	Aug. 3	Aug. 3	Aug. 9			A 2	C 8 D14 C14 - B 4 A 2
S7248	18	311	-	Aug. 5	Aug. 5				J 2
S7249	15-17	217-223	Aug. 7	Aug. 5	Aug. 9			A 2 C 7	- D17 D15
S7250	8-13	159-162	Aug. 11	Aug. 5	Aug. 17	J 2 J 2 - C 5 J 4 -	-	- C 6 C 3 J 3 J 2 J 2	
S7251	18	305	-	Aug. 6	Aug. 6				A 1
S7252	7- 9	117-126	Aug. 14	Aug. 8	Aug. 20	J 2 J 4 - - - D18	C11	C 4 J 2 J 2 - J 2 A 1	
S7253	1- 4	159-169	-	Aug. 13	Aug. 17				E25 E23 E15 E 7 J 2
S7254	6- 9	148-154	-	Aug. 13	Aug. 16				B10 C10 B 6 A 1
S7255	14-16	121-126	Aug. 14	Aug. 14	Aug. 17			B 8	A 5 B 2 A 2
S7256	20	111	-	Aug. 14	Aug. 14				A 1
S7257	20-22	122-123	-	Aug. 15	Aug. 17				A 1 J 5 J 2
S7258	24-27	108-114	Aug. 15	Aug. 15	Aug. 20			B 3	D 7 J 3 - C 6 A 1
S7259	21-23	75-77	-	Aug. 16	Aug. 16			D 5	
S7260	10-12	21-31	-	Aug. 16	Aug. 20	A 1 D 6 - C 6 C 4			
S7261	30-31	100-107	-	Aug. 19	Aug. 20				C 8 C 5
S7262	5- 8	65-70	-	Aug. 23	Aug. 24				C 5 D 5
S7263	26-28	317-319	Aug. 26	Aug. 23	Aug. 30	J 4 J 3 J 3	-	J 6 J 5 J 4 J 4	
S7264	14-21	291-309	Aug. 28	Aug. 23	Sep. 2	F22 F29 F37 - F44	F51	F40 C29 - - D17	
S7265	16-19	282-284	-	Aug. 24	Aug. 28	J 3 A 2 - .. A 7			
S7266	7- 9	15-23	-	Aug. 27	Aug. 28				D12 B 6
S7267	15	19	-	Aug. 28	Aug. 28				A 2
S7268	22	314	-	Aug. 28	Aug. 28			A 1	
S7269	15-17	235-244	Sep. 1	Aug. 28	Aug. 5	D 5 D 9 D23 - -	-	D 9 - J 2 J 2	

TABLE OF SUNSPOT GROUPS

SEPTEMBER 2001

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side		C.M.	W-Side	
	Latitude	Longitude								
N7540	9-13	176-183	-	Sep. 8	Sep. 12				C10 D11	- - D 8
N7541	14	163	-	Sep. 8	Sep. 8			J 2		
N7542	20-25	113-121	Sep. 11	Sep. 8	Sep. 16		D 9 B 5 -	-	D12 C12	- C11 B 6
N7543	8-11	21-24	Sep. 18	Sep. 12	Sep. 19	B 6 D10	- D 9 D 9 C 7	A 2	A 1	
N7544	15-17	52-59	Sep. 15	Sep. 15	Sep. 20			C 3	D 9 C 4 C 7 D 7 A 2	
N7545	7-10	358-3	Sep. 19	Sep. 16	Sep. 24		A 1 .. ..	..	C 8 - C10	- A 1
N7546	21	342	-	Sep. 16	Sep. 20		A 1 J 2 J 2 J 2 J 2			
N7547	11-17	323-330	Sep. 22	Sep. 16	Sep. 28	D 5 D 6 D 9 D12	D17 -	D18	- D14 D 7 D 5 -	D 4
N7548	11-12	11-15	Sep. 19	Sep. 17	Sep. 20		B 2 A 3	..	A 3	
N7549	12-16	345-356	Sep. 20	Sep. 17	Sep. 26		C 6 C 3 D 6	B10	- D24 -	D20 D 5 D 4
N7550	3-4	312-319	Sep. 23	Sep. 17	Sep. 29	J 2 J 2 J 2 J 2 -	J 2 -		C 3 J 2 J 2 -	J 2 J 2
N7551	24-26	333-336	Sep. 21	Sep. 18	Sep. 22		A 3 A 7 C 6	-	A 1	
N7552	25-26	319-323	Sep. 22	Sep. 18	Sep. 25		A 1 C 6 C13	-	D 9	- C 7 J 3
N7553	1-5	299-306	Sep. 24	Sep. 18	Sep. 26	J 2 J 2 J 4 -	J 3 -	C21	C16 B13	
N7554	16-18	317-320	-	Sep. 19	Sep. 22		A 2 B 3 -	B 3		
N7555	14-15	5-8	-	Sep. 20	Sep. 20				B 2	
N7556	16	338	-	Sep. 20	Sep. 20			A 1		
N7557	8	352-354	-	Sep. 22	Sep. 22				A 2	
N7558	20-22	287-293	Sep. 25	Sep. 24	Sep. 29			C 6	D13	D15 - C11 C 7
N7559	21-22	242-243	Sep. 28	Sep. 24	Oct. 5		J 2 J 2 J 2 -	J 3	J 2 -	- J 3 C 4 J 2 J 2
N7560	11-17	221-246	Sep. 29	Sep. 24	Oct. 6	F15 F24 F36 -	F54	F42	- -	C42 E30 E16 E10 J 2
N7561	4	219	-	Sep. 25	Sep. 26	J 2 J 2				
N7562	4-5	229-237	Sep. 29	Sep. 26	Oct. 4		D 5 -	C11	C 9 - -	J 3 J 3 A 1
N7563	13	296	-	Sep. 28	Sep. 28					A 1
N7564	10-11	183-190	Oct. 3	Sep. 28	Oct. 4	J 4 J 3 - -	- C 7	B 8	A 3	
S7270	7	206-209	-	Sep. 2	Sep. 2		B 6			
S7271	7	161	Sep. 7	Sep. 2	Sep. 8	J 2 -	J 2 J 2 J 2	-	A 1	
S7272	19-22	270-276	-	Sep. 4	Sep. 5					D12 J 4
S7273	14-18	147-161	Sep. 8	Sep. 4	Sep. 13		D10 E27 - -	E39	E24 - -	J 2 J 2
S7274	13-18	21-135	Sep. 10	Sep. 4	Sep. 16	C 6 E11 - -	C35 E27 - -	-	-	C16 C 8 - J 2 A 1
S7275	21-32	95-122	Sep. 11	Sep. 5	Sep. 18	C 6 - -	F64 F50 - -	-	F65 F50 -	G25 G26 F13 C 7
S7276	5	228	-	Sep. 8	Sep. 8					J 2
S7277	14-16	209-213	-	Sep. 8	Sep. 9					D 4 J 2
S7278	8-18	90-103	Sep. 12	Sep. 8	Sep. 18		E18 E21 - -	E71	E59 -	E34 D30 C11 C 4
S7279	9-10	127-131	-	Sep. 12	Sep. 12					B 2
S7280	18-20	102-108	Sep. 12	Sep. 12	Sep. 17				A 2	B 4 - D 8 B 4 A 1
S7281	9-14	14-31	Sep. 18	Sep. 12	Sep. 24	D11 E21 -	E26 F26 F43	C32	C23 F17 -	F13 - C 4
S7282	8	71	-	Sep. 13	Sep. 13					A 1
S7283	27-28	21-25	Sep. 18	Sep. 18	Sep. 20				C 7	D 5 C 3
S7284	13-21	283-302	Sep. 24	Sep. 18	Sep. 29	A 1 E27 F48 -	F60 -	-	F89 F80 F62 -	E46 E32
S7285	13-21	268-280	Sep. 26	Sep. 20	Oct. 2	H 3 -	H19 - H33 H34	H31	-	H24 H23 - - D10
S7286	16	310	-	Sep. 22	Sep. 22					A 1
S7287	13	308	-	Sep. 24	Sep. 24					A 2
S7288	10-15	218-225	Sep. 30	Sep. 24	Oct. 6	J 2 D 6 D 9 -	D15 D16	-	-	D 8 D 6 D 8 J 2 J 2
S7289	11-14	176-182	Oct. 3	Sep. 28	Oct. 9	J 2 J 2 - -	-	C12	C12	C 8 J 6 J 4 J 4 - J 2
S7290	24-25	228-230	Sep. 29	Sep. 29	Sep. 29				A 2	

TABLE OF SUNSPOT GROUPS

OCTOBER 2001

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side	C.M.	W-Side
	Latitude	Longitude						
N7565	19-20	202-206	-	Oct. 2	Oct. 3			C 8 C 5
N7566	12	158-164	-	Oct. 2	Oct. 3	D 5 A 1		
N7567	4- 5	153-160	Oct. 5	Oct. 2	Oct. 9	J 2 J 2 C 3	J 2	J 2 J 2 - A 1
N7568	22	145-148	-	Oct. 7	Oct. 7			B 2
N7569	22-24	36-40	Oct. 14	Oct. 9	Oct. 14	J 2 - D 7 C 4	J 2	
N7570	5- 7	63-64	Oct. 12	Oct. 11	Oct. 16			B 2 A 4 D 9
N7571	12-14	58-64	Oct. 12	Oct. 11	Oct. 15			C 5 D13 C 5 J 3 A 2
N7572	8-11	24-30	Oct. 15	Oct. 11	Oct. 20	A 1 B11 C11 C14	D16	C15 - - D 9 D 4
N7573	14-19	353- 5	Oct. 17	Oct. 11	Oct. 23	D 9 D13 D21 D20 E26 E35	-	- E32 E30 - - D 6
N7574	8	41	-	Oct. 12	Oct. 12	J 2		
N7575	26-29	13-17	-	Oct. 15	Oct. 15			B 5
N7576	24-27	312-320	Oct. 20	Oct. 15	Oct. 23	C 4 C 7 - - C 7	J 3	- - J 2
N7577	11-18	302-315	Oct. 21	Oct. 15	Oct. 26	B 5 E13 - - E32 E32	-	- E18 D 8 C 4 J 2
N7578	20-21	353-357	-	Oct. 19	Oct. 19			B 3
N7579	14-17	315-321	Oct. 20	Oct. 19	Oct. 23			D14 D18 - - A 2
N7580	3- 5	5264-267	Oct. 24	Oct. 19	Oct. 30	J 2 J 2 - - C 5	J 3	J 4 J 3 C 5 - J 2 J 2
N7581	14-15	237-240	Oct. 26	Oct. 20	Oct. 31	J 2 - - J 2 J 3 J 3	C 3	J 3 - J 2 J 2 A 1
N7582	0	268	-	Oct. 23	Oct. 23			A 1
N7583	20-21	235-242	Oct. 26	Oct. 23	Oct. 27	D 8 D12 D13	C 9	B 4
N7584	5-10	216-230	Oct. 27	Oct. 23	Nov. 2	D11 C17 D39 E52	E40	- E39 E24 E23 E14 C10
N7585	22	211	-	Oct. 23	Oct. 23	A 1		
N7586	19-17	167-179	Oct. 31	Oct. 25	Nov. 4	H 7 H11 H28 - E46 E60	E57	E73 E61 - E29
N7587	28-30	200-206	Oct. 29	Oct. 26	Oct. 29	C 7 B 5 -	A 3	
N7588	4- 8	133-143	Nov. 2	Oct. 29	Nov. 9	D20 C21 C31 C18	H12	- C35 - - C12 J 5 J 2
N7589	4- 6	94-103	Nov. 6	Oct. 31	Nov. 11	J 2 D 9 D15 - C14 -	-	C 7 C 6 J 2 - J 2
N7590	16-17	95-99	-	Oct. 31	Nov. 2	C 3 C 3 J 2		
S7291	16-18	194-208	Oct. 2	Oct. 2	Oct. 7		C11	C16 C18 D13 E11 E 7
S7292	18	120	-	Oct. 3	Oct. 4	A 1 A 1		
S7293	3- 6	108-115	Oct. 8	Oct. 3	Oct. 12	C 3 D 6 D 5 C 4 J 3	-	J 3 - J 2 J 2
S7294	8-15	96-106	Oct. 9	Oct. 3	Oct. 11	A 1 D 9 C 9 D11 C12	-	C15 - B 3
S7295	22-23	170-174	Oct. 4	Oct. 4	Oct. 7			B 4 B 5 C 3 A 1
S7296	16-18	172-173	Oct. 4	Oct. 4	Oct. 5			A 1 A 2
S7297	13-17	102-106	Oct. 9	Oct. 5	Oct. 11	A 3 A 1 B 3 -	B 6	- A 2
S7298	17-23	66-85	Oct. 11	Oct. 5	Oct. 15	D 6 G15 G16 - G17 -	G31	G22 F17 C 7 C 4
S7299	16-18	150-156	-	Oct. 7	Oct. 7			B 2
S7300	18-19	133-134	Oct. 7	Oct. 7	Oct. 7			A 3
S7301	8-15	25-37	Oct. 15	Oct. 9	Oct. 20	J 2 - C 9 C16 D11 D12	C17	C 8 - - C 4 A 1
S7302	13-18	10-27	Oct. 15	Oct. 11	Oct. 20	J 3 C 5 C10 C 4	C14	C13 - - H15 C12
S7303	30	92	-	Oct. 12	Oct. 12			A 1
S7304	16	33-35	Oct. 14	Oct. 12	Oct. 16			A 2 .. A 5
S7305	13	7	Oct. 16	Oct. 12	Oct. 16	J 2 J 3 J 2 J 2	J 2	
S7306	9	358-360	-	Oct. 14	Oct. 14	A 2		
S7307	14-19	279-298	Oct. 22	Oct. 16	Oct. 27	J 2 - - G17 G24 -	-	G37 G31 G21 G18 G11
S7308	14-22	265-275	Oct. 24	Oct. 19	Oct. 30	J 5 C 8 - - H25	H30	H26 H20 H18 - H 6 J 2
S7309	6- 7	7288-293	Oct. 22	Oct. 19	Oct. 23	A 3 D 9 -	-	B 3
S7310	10	287	-	Oct. 23	Oct. 23			A 1
S7311	11	242	Oct. 26	Oct. 23	Oct. 26	J 3 J 2 J 2	J 2	
S7312	7	235	-	Oct. 23	Oct. 23	A 1		
S7313	8-10	207-213	Oct. 28	Oct. 24	Oct. 31	A 1 D 6 C 9 D10	-	C13 B 6 A 1
S7314	21-24	235-239	Oct. 26	Oct. 25	Oct. 30	A 5	D12	C 6 - J 2 A 1

TABLE OF SUNSPOT GROUPS
NOVEMBER 2001

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side	C.M.	W-Side
	Latitude	Longitude						
N7591	24-27	41-54	Nov. 9	Nov. 4	Nov.12	G 5 - - E 9 C 6	C 4	- J 4 A 1
N7592	8-9	10-11	Nov.12	Nov. 7	Nov.18	J 2 J 2 J 3 - J 2	J 2	- J 2 C 4 J 3 J 2 J 2
N7593	4-9	78-90	-	Nov. 8	Nov.12			D26 D24 - E21 E11
N7594	10-12	67-71	Nov. 8	Nov. 8	Nov.12		C 7	J 4 - J 2 A 1
N7595	14-15	325-353	Nov.14	Nov. 8	Nov.20	J 2 J 2 - J 4 J 3 -	J 3	J 3 J 2 J 2 J 2 J 2 A 1
N7596	12-13	61-63	-	Nov. 9	Nov. 9			A 3
N7597	13	7	-	Nov. 9	Nov. 9			
N7598	22-23	327-330	Nov.15	Nov.11	Nov.16	A 1 .. - ..	A 2	B 4
N7599	11-13	320-325	Nov.16	Nov.11	Nov.22	J 3 D 6 - J 3 J 3	J 3	J 3 J 3 J 2 J 2 - J 2
N7600	10-15	303-313	Nov.17	Nov.12	Nov.23	J 2 - C10 C14 C20	C20	D19 C17 H10 - J 3 J 2
N7601	13	291	Nov.18	Nov.14	Nov.20	A 1 A 1	A 1	.. A 2
N7602	17	293	-	Nov.16	Nov.16			A 1
N7603	20-22	274-278	-	Nov.17	Nov.18			B 3 B 3
N7604	3-4	308-314	-	Nov.18	Nov.19			C 6 B 6
N7605	6-11	229-234	Nov.23	Nov.22	Nov.26		C 7	C10 - .. A 1
N7606	11-13	172-184	Nov.27	Nov.22	Dec. 1	B 7 C11 - C18 C23	C19	C25 C14 C 4 A 1
N7607	8	223	Nov.23	Nov.23	Nov.23			A 1
N7608	3-5	149-154	Nov.29	Nov.25	Dec. 2	A 1 A 3	C 4	D10 C 8 A 3
N7609	2-9	133-145	Nov.30	Nov.25	Dec. 6	C12 D26 E39 D50 E55	E47	D45 D47 D43 D27 D10 H 3
N7610	4-6	84-97	Dec. 3	Nov.27	Dec. 9	J 2 C 4 G 5 G 5 G10 G11	G10	G 7 C 3 C 4 J 3 J 2 J 2
N7611	11-14	74-77	Dec. 5	Nov.29	Dec.10	J 2 J 3 C 6 J 5 J 4 C 5	J 3	J 4 J 4 J 4 J 4 J 4
N7612	16	151	-	Nov.30	Nov.30			A 1
N7613	12	138	Nov.30	Nov.30	Nov.30			A 1
S7315	16-21	74-87	Nov. 7	Nov. 1	Nov.11	B 8 C20 - C33 - -	E31	E29 E25 - B 5
S7316	17-21	60-68	Nov. 8	Nov. 2	Nov.12	A 2 - C 6 - - C 9	C14	A 7 - A 5 A 1
S7317	9-11	110-116	Nov. 4	Nov. 4	Nov. 4			B 3
S7318	24-27	90-98	Nov. 6	Nov. 4	Nov.11			A 2 - - D17 D10 D 4 - J 2
S7319	19	95	-	Nov. 7	Nov. 7			A 1
S7320	12-19	17-39	Nov.11	Nov. 7	Nov.18	F46 F62 F87 -	F85	F73 - F53 F37 G13 G 6 J 3
S7321	8	34	-	Nov.11	Nov.11			A 1
S7322	2-4	319-325	-	Nov.11	Nov.15			
S7323	10	71	-	Nov.12	Nov.12	C 7 C10 - C 7 B 4		
S7324	22-23	358- 1	-	Nov.14	Nov.14			A 1
S7325	19-23	301-304	Nov.17	Nov.14	Nov.23			C 4
S7326	4-21	265-277	Nov.20	Nov.14	Nov.26	J 4 J 5 H 7 H15 H26 H19	H24	C10 C 6 C11 - J 2 J 2
S7327	13-15	283-285	Nov.19	Nov.19	Nov.22			- C30 D28 - E22 D11
S7328	9-11	239-248	Nov.22	Nov.19	Nov.26	D 9 D14 -	C19	A 2 A 4 - A 2
S7329	10	198-202	Nov.25	Nov.23	Nov.25	C 3 -	B 2	C11 - C 5 J 3
S7330	9-10	222-224	-	Nov.25	Nov.26			
S7331	7-9	190-198	Nov.26	Nov.25	Dec. 2			A 4 J 2
S7332	2	183	-	Nov.25	Nov.25		A 3	B 5 B 9 D12 D 9 C 4 E16 C 5
S7333	3-6	119-127	Dec. 1	Nov.25	Dec. 7		A 1	
S7334	3-8	81-91	Dec. 4	Nov.28	Dec.10	J 2 J 4 J 3 J 5 C 7 J 3	C 5	C 4 C11 C16 D12 C 4 A 1
S7335	15-18	78-88	Dec. 4	Nov.29	Dec. 7	J 7 E11 E18 E31 E39 E31	E40	D45 D35 D36 D22 D14 C 6
						B 6 D 8 C12 C11 C10	C 7	C 7 C 5 A 2

TABLE OF SUNSPOT GROUPS
DECEMBER 2001

Group NO.	Helicographic		C.M. Passage	First Obs.	Last Obs.	E-Side		C.M.	W-Side	
	Lat-tude	Long-tude				. . . . .			. . . . .
N7614	9-12	40-44	Dec. 7	Dec. 1	Dec.12	A 1	J 2 J 2 D 5 D 5 C 4	C 4	C 7 J 2 J 3	- J 2
N7615	13	65-66	Dec. 5	Dec. 2	Dec. 5		A 1	A 3		
N7616	34-36	76-87	Dec. 4	Dec. 4	Dec.10			J 2	D 4 D12 D13 G 5 C 4 A 1	
N7617	23-24	56-61	Dec. 6	Dec. 5	Dec. 7		J 3	D 4	C 5	
N7618	24-27	12-17	Dec. 9	Dec. 6	Dec. 9		J 6 D 6 C 3	B 4		
N7619	3-5	335-339	Dec.12	Dec. 7	Dec.18		C 3 D 4 C 3 J 3 -	C 4	- J 2 - J 2 J 2 J 2	
N7620	9-17	307-320	Dec.14	Dec. 8	Dec.20		C 5 E20 E34 - E48 -	E52	- E49 E38 C25 C19 C10	
N7621	10	29-32	-	Dec.10	Dec.10				B 2	
N7622	6	32	-	Dec.12	Dec.12					A 1
N7623	5-	6246-255	Dec.19	Dec.14	Dec.20		J 2 - C 3 C 5 D 9	B 2	C 6	
N7624	5-15	207-224	Dec.21	Dec.16	Dec.28		D14 D25 D25 E33 E39 -		F78 F67 F82 F67 E38 E24 D10	
N7625	15-18	191-197	Dec.23	Dec.18	Dec.27		A 2 A 3 C 6 - B10	D13	D10 J 3 B 4 B 2	
N7626	10-13	167-173	Dec.25	Dec.19	Dec.26	A 1	A 4 - C13 D16 D 8	C 5	C 3	
N7627	2-8	137-149	Dec.27	Dec.22	Jan. 2		C 7 D13 E21 E31 E44	E49	E41 C41 E19 E20 - C 3	
N7628	8-	9194-195	-	Dec.24	Dec.24				A 3	
N7629	4	157	-	Dec.24	Dec.24		A 1			
N7630	16	185	-	Dec.25	Dec.25				A 1	
N7631	3	126	Dec.28	Dec.27	Dec.28		J 2	A 1		
N7632	6	113-115	-	Dec.27	Dec.28		C 4	A 2		
N7633	10-13	70-72	Jan. 1	Dec.27	Jan. 6		J 2 J 2 J 2 J 2 C 3	-	C 4 - J 2 J 2 J 2	
N7634	18	118	-	Jan.28	Jan.28		A 1			
N7635	13-15	102-106	Dec.30	Dec.28	Jan. 4		J 3	A 2	B 4	D11 - D19 - D 5
N7636	7-9	54-62	Jan. 2	Jan.28	Jan. 6		J 2 C 9 C 4 J 2 -	J 2	- J 2 J 2 J 2	
N7637	5-9	33-46	Jan. 4	Dec.29	Jan. 9		D 6 C 9 G13 - D 6 -	C 6	J 2 J 2 J 2 J 2 J 2	
N7638	6	94	-	Dec.31	Dec.31				A 1	
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S7336	14	132-136	-	Dec. 1	Dec. 2				J 5	B 4
S7337	10	144-148	-	Dec. 2	Dec. 4					A 3 D 6 B 4
S7338	3-5	71-77	Dec. 5	Dec. 2	Dec.10		C 4 .. C 8	D 8	B 7 A 2 D 5 D 4 A 1	
S7339	12	32-35	Dec. 8	Dec. 2	Dec. 8		A 1 J 2 A 1 A 1 .. A 2	A 2		
S7340	14-18	30-34	Dec. 8	Dec. 2	Dec.10		J 2 J 2 J 2 J 2 C 9	C 9	C 9 A 3	
S7341	16-22	15-24	Dec. 9	Dec. 3	Dec.14		J 2 J 4 C11 H13 H14 H19	H31	H37 - E37 - D16	
S7342	20	79	Dec. 4	Dec. 4	Dec. 5			A 2	A 1	
S7343	25-28	70-78	Dec. 5	Dec. 5	Dec. 5			A 1	D 7 C 9 D 8 C 6 A 1	
S7344	12	16	-	Dec. 5	Dec. 5		A 1			
S7345	8	38	-	Dec. 8	Dec. 8			A 1		
S7346	24	31	-	Dec. 9	Dec. 9			A 2		
S7347	23	8	-	Dec. 9	Dec. 9			A 2		
S7348	11-14	315-325	Dec.13	Dec.10	Dec.20		A 1 - ..	-	D 7 - D22 D17 E14 E11 J 2	
S7349	11-12	293-294	Dec.15	Dec.10	Dec.16		J 2 - J 3 - ..	-	A 1	
S7350	7-9	21-27	-	Dec.12	Dec.14				C 7 - J 2	
S7351	125-27	301-307	Dec.15	Dec.12	Dec.18		C11 - C 7 -	-	D 7 D 5 J 2	
S7352	12-15	264-270	Dec.17	Dec.12	Dec.20		A 1 - J 2 - C 6	C 7	C 8 A 1 A 1	
S7353	17-22	258-263	Dec.18	Dec.12	Dec.20		A 1 - J 2 - C 6 J 4	B 7	C 8 C 6	
S7354	19	298	-	Dec.16	Dec.16				A 1	
S7355	4-	6253-255	Dec.18	Dec.16	Dec.18		A 3 C 4	J 3		
S7356	9-11	199-208	Dec.22	Dec.16	Dec.28		J 3 J 4 J 5 J 3 C 4 -	C 6	C 5 C 5 J 4 J 2 J 2 J 2	
S7357	16	285-286	-	Dec.18	Dec.18				A 3	
S7358	7-	8156-161	-	Dec.20	Dec.23		J 2 - D 5 A 1			
S7359	27-28	288-290	-	Dec.22	Dec.22					A 3
S7360	14-16	272-278	-	Dec.22	Dec.22					D 4
S7361	13-14	216-218	-	Dec.22	Dec.26				C 3 B 2 A 2 .. A 2	
S7362	7	111-114	Dec.23	Dec.22	Dec.29			D23	D24	E20 E25 E28 D23 C17 A 3
S7363	16-19	132-142	Dec.27	Dec.22	Dec.31		J 2 C 4 C 9 D13 B14	C14	D16 C17 D18 D 9	
S7364	3-8	113-130	Dec.28	Dec.23	Jan. 4		J 4 E14 E30 E34 E27	E35	F45 C25 C22 - D17 - J 2	
S7365	1-7	95-99	Dec.30	Dec.25	Jan. 5		J 3 C 7 C 9 C 7 C14	C14	C11 - C11 - J 2 J 2	
S7366	28	207	-	Dec.26	Dec.26					A 1
S7367	8	144-146	Dec.27	Dec.26	Dec.30			A 2	A 2	A 1 .. A 1
S7368	26-27	72-76	-	Dec.26	Dec.31		J 2 J 2 J 5 C 5 J 5 C 5			
S7369	19	129	Dec.28	Dec.27	Dec.29			A 1	A 1	A 1
S7370	4-5	132-135	Dec.28	Dec.28	Dec.28				B 3	
S7371	21	84	-	Dec.28	Dec.28		A 1			
S7372	14	169	-	Dec.30	Dec.30					J 2
S7373	7-27	13-27	Jan. 5	Dec.30	Jan.11		C 4 E19 - E37 - E48	E28	E39 E30 E23 C 8 C 3 J 2	
S7374	8	32	-	Dec.31	Dec.31		A 1			