

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	JANUARY 1991											C.M.	W-Side			
	Lati-tude	Longi-tude				E-Side															
N5909	2	230	-	Jan. 3	Jan. 3														A 1		
N5910	11	175	-	Jan. 3	Jan. 3													A 1			
N5911	18	160	Jan. 3	Jan. 3	Jan. 3													A 1			
N5912	9	190-193	-	Jan. 5	Jan. 5														B 2		
N5913	10-20	11-31	Jan. 13	Jan. 7	Jan. 20	A 1	C 9	F39	F50	F58	F68	F69	F68	F52	F49	-	G26	G14	H10		
N5914	6- 7	48-52	Jan. 11	Jan. 8	Jan. 14			J 3	C 4	J 2	C 6	C 6	B 4	A 3							
N5915	12-13	42-49	Jan. 12	Jan. 12	Jan. 14							B 4	C 6	C 5							
N5916	8	30-33	Jan. 13	Jan. 13	Jan. 13							B 2									
N5917	26-27	327-334	Jan. 18	Jan. 14	Jan. 20		A 1	C 5	C 9	-	C 4	C 4	J 2								
N5918	20-23	274-282	Jan. 21	Jan. 18	Jan. 28			D 8	D14	D16	-	-	D11	C 9	C 8	J 5	J 2				
N5919	24-25	217-225	Jan. 26	Jan. 23	Jan. 30			D 6	B 4	C 9	-	C 3	A 2	A 1							
N5920	8-10	208-219	Jan. 26	Jan. 23	Jan. 31			C 4	C 4	B 4	B 7	-	D19	D20	C15	B 3					
N5921	16	262	-	Jan. 28	Jan. 28												J 2				
N5922	10-12	186-192	Jan. 28	Jan. 28	Feb. 2							D16	D10	D16	D12	C 4	J 2				
N5923	12	179	-	Jan. 28	Jan. 28							A 1									
N5924	12	167	-	Jan. 28	Jan. 28							A 1									
N5925	15-23	106-124	Feb. 3	Jan. 28	Feb. 8	J 2	E10	G17	G20	G17	G18	G10	G12	G 9	-	-	A 1				
N5926	2- 5	109-114	Feb. 3	Jan. 29	Feb. 4		A 3	D 7	C 8	C 3	B 5	..	B 2								
N5927	15	183	-	Jan. 30	Jan. 30								A 1								
N5928	9	182	-	Jan. 31	Jan. 31									A 1							
S5407	6- 8	201-207	-	Jan. 3	Jan. 5												A 2	B 3	C10		
S5408	17	197	-	Jan. 3	Jan. 3												A 1				
S5409	17-18	97-108	Jan. 8	Jan. 3	Jan. 9	G 6	G 5	G 6	-	B 2	B 4	A 1									
S5410	11-14	72-76	Jan. 9	Jan. 4	Jan. 12	J 2	J 2	-	J 2	J 2	J 2	J 2	C 3	A 1							
S5411	8	185	-	Jan. 5	Jan. 7												A 1	-	J 2		
S5412	5- 6	156-161	-	Jan. 7	Jan. 8												C 8	B 3			
S5413	9-13	141-149	-	Jan. 7	Jan. 11												D12	D21	D22	D11	J 3
S5414	25	112	Jan. 7	Jan. 7	Jan. 7							A 1									
S5415	18-20	116-121	-	Jan. 8	Jan. 12												C 3	C 9	B 3	C 5	A 1
S5416	18	46	-	Jan. 10	Jan. 10												A 1				

S5417	4- 9348-357	Jan.16	Jan.10	Jan.20	J 4 H 9 D13 C25 D25 D31	D31	-	D24 C21 C13
S5418	31-35 62-68	-	Jan.11	Jan.15				A 1 B 5 C 5 D 7 B 3
S5419	7- 9335-341	-	Jan.11	Jan.16	A 1 C 3 C 4 C 7 B 5 A 3			
S5420	14 96	-	Jan.13	Jan.13				A 1
S5421	13-14351-355	Jan.16	Jan.13	Jan.18		A 2 B 2 B 2	C 6	- A 1
S5422	19-21338-346	Jan.17	Jan.13	Jan.19	D 8 D 7 D 9 D11		-	A 4 A 2
S5423	21 357-360	-	Jan.16	Jan.19				C 3 - J 2 A 1
S5424	11-15332-342	Jan.17	Jan.16	Jan.23		A 4	-	E23 E28 D22 - - A 1
S5425	22-25321-328	-	Jan.19	Jan.19				B 3
S5426	26-27283-286	-	Jan.19	Jan.20		D 8 J 3		
S5427	7- 9266-269	-	Jan.19	Jan.19		B 3		
S5428	8-10235-238	-	Jan.20	Jan.20	B 3			
S5429	7- 9216-219	-	Jan.23	Jan.23		B 2		
S5430	14-21195-214	Jan.27	Jan.23	Feb. 3	F40 F57 F66 F66	-	F57 F56 F50 F33 F20 F16 H 3	
S5431	5-11204-215	Jan.27	Jan.23	Jan.30	A 1 B 7 C 4 C 6	-	A 2 A 4 A 1	
S5432	5-12192-202	Jan.28	Jan.23	Feb. 3	H18 H24 H40 H50	-	H37 H35 H33 H21 H14 H10 D 6	
S5433	9-15172-187	Jan.29	Jan.23	Feb. 4	J 2 C 3 C 5 C 7 - E35	C39	C56 F62 F39 F44 F24 C22	
S5434	19 244-247	Jan.24	Jan.24	Jan.26		C 4	B 4 A 1	
S5435	7 301	-	Jan.25	Jan.25				J 2
S5436	14-16150-155	Jan.31	Jan.25	Feb. 3	A 1 J 2 - J 2 J 2 J 3	C 4	C 5 C 3 A 1	
S5437	6-15135-151	Jan.31	Jan.25	Feb. 5	A 1 E11 - E30 E43 E45	E54	E42 F76 F52 F65 F61	
S5438	12 253	-	Jan.26	Jan.26			A 1	
S5439	13-16121-127	Feb. 2	Jan.28	Feb. 9	D 4 D 4 D 4 D 4 D 5	D 5	D 5 D 4 D 5 - - D 4 J 2	
S5440	26 141	-	Jan.31	Jan.31		A 1		

TABLE OF SUNSPOT GROUPS

FEBRUARY 1991

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side		C.M.	W-Side	
	Latitude	Longitude								
N5929	14	166	-	Feb. 1	Feb. 1				A 1	
N5930	7	180-181	-	Feb. 2	Feb. 2					A 2
N5931	17	125-126	-	Feb. 3	Feb. 4				J 3 A 2	
N5932	9-18	7-29	Feb.10	Feb. 4	Feb.13	J 2 G 6	- - G50 G60	-	G52 F59 F48	
N5933	17-18	33	Feb. 9	Feb. 9	Feb. 9			A 2		
N5934	21	359- 1	Feb.11	Feb. 9	Feb.12		A 1 -	J 3	A 1	
N5935	27-30	290-298	-	Feb.12	Feb.13	C 5 C 7				
N5936	24-25	284-289	Feb.17	Feb.12	Feb.22	J 2 C 3	- - -	-	- -	J 3 J 2 J 2
N5937	28-30	224-232	Feb.22	Feb.20	Feb.27		C10 D12	D12	C 7 C 5 C 4	J 2 J 2
N5938	11-15	183-194	Feb.24	Feb.20	Feb.26		C 3 D11 D11 C11	C 3	B 5 B 3	
N5939	16-18	172-180	Feb.25	Feb.20	Feb.27	J 2 D 5 D 7 D 8 D10		C12	C 6 C 7	
N5940	7- 9	273-278	-	Feb.21	Feb.24					B 4 D 5 C 8 A 1
N5941	12	202	-	Feb.21	Feb.21	A 1				
N5942	26-28	173-180	Feb.25	Feb.25	Feb.27			C 4	D 9 D12	
N5943	3- 8	120-128	Mar. 1	Feb.26	Mar. 7	J 4 C11	-	-	D14 D14 D19 C12 C 7 J 2	
S5441	9-11	60-72	Feb. 7	Feb. 1	Feb.12	J 2 J 2 J 5 D 8 E16	-	-	E 8 C 6 -	J 2 J 2
S5442	21-23	47-52	Feb. 8	Feb. 2	Feb. 9	J 4 D 7 J 6 J 5	- -	C 5	J 2	
S5443	25	136-137	-	Feb. 3	Feb. 4				A 3 A 1	
S5444	31	63	-	Feb. 5	Feb. 5		A 1			
S5445	13-14	341-350	Feb.13	Feb. 8	Feb.13	J 2 J 2	- C 4 C 7	B 3		
S5446	8-11	324-335	-	Feb. 8	Feb.13	J 2 C 3	- C10 E16 C13			
S5447	5- 8	1- 7	-	Feb. 9	Feb.12		C 9 -	..	B 4	
S5448	4- 7	316-325	Feb.15	Feb. 9	Feb.20	C 3 - D 4 C 5 C 4	-	-	- - -	B 2
S5449	20	5	Feb.11	Feb.11	Feb.12			A 1	A 1	
S5450	11-13	9-14	-	Feb.12	Feb.13				B 5 C11	
S5451	9-10	347-350	-						B 3	
S5452	5- 6	307-311	-	Feb.13	Feb.13		C 4			
S5453	10-18	256-267	Feb.19	Feb.13	Feb.25	J 3 - - - -	-	-	C29 C22 H20 D17 C16 B 6	
S5454	7- 8	300-304	-	Feb.20	Feb.22				C 5 J 2 J 2	
S5455	13	250	Feb.20	Feb.20	Feb.23			A 1	.. J 2 A 1	

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	MARCH 1991		E-Side	C.M.	W-Side
	Latitude	Longitude		First Obs.	Last Obs.			
N5944	10	41	-	Mar. 3	Mar. 6	J 2 J 2 A 1 A 1		
N5945	14	30	-	Mar. 3	Mar. 7	A 1 J 2 J 2 J 2 J 2		
N5946	13-18	1-8	Mar. 11	Mar. 5	Mar. 15	C 5 D 9 D 12 - - D 7	-	C 3 J 2 J 2 J 2
N5947	20	25-28	-	Mar. 6	Mar. 6	B 2		
N5948	22	353	-	Mar. 6	Mar. 7	A 1 A 1		
N5949	13	354	-	Mar. 6	Mar. 10	J 2 A 1 - - A 1		
N5950	12	43-47	-	Mar. 7	Mar. 7	B 2		
N5951	17-18	35-38	-	Mar. 10	Mar. 10			B 3
N5952	17	15	Mar. 10	Mar. 10	Mar. 10		A 1	
N5953	20-22	256-265	Mar. 18	Mar. 17	Mar. 20	D 10	D 15	D 15 D 12
N5954	11-15	265-270	-	Mar. 19	Mar. 23			D 9 C 4 - - C 3
N5955	13	177-180	-	Mar. 23	Mar. 23	B 2		
N5956	15-18	169-175	-	Mar. 26	Mar. 26			B 4
N5957	8	142	-	Mar. 26	Mar. 26	A 1		
N5958	20	93	-	Mar. 29	Mar. 29	J 2		
N5959	11-17	53-65	Apr. 3	Mar. 29	Apr. 9	B 10 - - E 37 E 38	D 37	D 36 D 33 - - - J 2
S5469	15-17	137-140	-	Mar. 2	Mar. 2			B 2
S5470	24	118-120	-	Mar. 3	Mar. 3			A 3
S5471	4	136	-	Mar. 4	Mar. 4			J 2
S5472	12	134	-	Mar. 4	Mar. 4			A 1
S5473	21-23	151-156	-	Mar. 5	Mar. 6			C 4 A 1
S5474	15-18	56-57	-	Mar. 5	Mar. 5	A 2		
S5475	7- 9	357- 8	Mar. 11	Mar. 5	Mar. 15	H 6 C 11 C 13 - - D 26	-	C 15 C 11 C 7 J 2
S5476	16-25	338-356	Mar. 12	Mar. 6	Mar. 17	C 19 E 29 - - F 73 -	F 77	F 63 F 63 F 51 - - C 16
S5477	23-28	325-337	Mar. 13	Mar. 7	Mar. 19	C 6 - - D 27 - C 33	C 28	D 27 C 38 - C 18 B 10 B 3
S5478	10-11	334-337	Mar. 13	Mar. 7	Mar. 18	J 2 - - J 2 - J 2	J 2	C 5 J 2 - J 2 J 2
S5479	31-32	20-25	-	Mar. 10	Mar. 12			B 5 - A 1
S5480	5-12	279-296	Mar. 16	Mar. 12	Mar. 20	H 8 H 27 C 40 E 40	-	E 60 E 43 E 37 F 24
S5481	22-23	273-278	Mar. 17	Mar. 12	Mar. 23	J 3 J 3 D 5 C 5 -	C 5	J 3 C 4 C 4 - - J 2

S5514	19-20	239-247	Apr.16	Apr.14	Apr.21		C 5 D 9	D10	-	-	J 3 B 4 B 7
S5515	26	233	-	Apr.14	Apr.16		A 2 J 2 A 2				
S5516	9-12	188-197	Apr.20	Apr.14	Apr.25	J 3 C 9 D18	-	-	D19	C18	C12 C 7 - - J 2
S5517	13	290	-	Apr.15	Apr.15						A 1
S5518	6- 8	181-193	Apr.20	Apr.15	Apr.22	A 2 C 7	-	-	A 2	B 4	B 3 A 2
S5519	26	217-221	-	Apr.19	Apr.20						A 2 B 3
S5520	9	206-210	Apr.19	Apr.19	Apr.19					B 5	
S5521	22	196-199	-	Apr.19	Apr.19					B 2	
S5522	14-17	184-192	Apr.20	Apr.19	Apr.21					C 5	J 4 B 3
S5523	20-26	173-183	Apr.21	Apr.19	Apr.22					B 6 C 8	B10 B 6
S5524	11-14	220	-	Apr.20	Apr.21						A 2 A 1
S5525	13-16	199-202	-	Apr.20	Apr.20						A 5
S5526	21	202	-	Apr.20	Apr.20						A 1
S5527	26	184	Apr.20	Apr.20	Apr.20					A 1	
S5528	28	173-176	Apr.21	Apr.21	Apr.21					A 3	
S5529	15	217	-	Apr.22	Apr.22						J 2
S5530	29-31	135-146	-	Apr.25	Apr.30						B 9 - - D15 - J 3
S5531	26-30	82-91	Apr.28	Apr.28	May 4					B11	- C14 - - J 3 J 3
S5532	40	66-71	Apr.29	Apr.28	Apr.30					C 4	- D 8
S5533	22-26	58-66	Apr.30	Apr.28	May 5					A 1	- C 3 - - A 2 C 9 J 2
S5534	14-15	32-35	-	Apr.28	Apr.30					J 2	- B 5
S5535	21-22	25-26	May 3	Apr.28	May 7	J 2	-	J 3	-	-	J 2 J 2 J 3 J 3 J 3
S5536	5- 7	13-16	May 3	Apr.28	May 6	J 2	-	C 4	-	-	J 2 J 2 A 4 A 3
S5537	16	65	May 30	Apr.30	Apr.30						A 1
S5538	7-12	343-356	May 5	Apr.30	May 11	J 2	-	-	C22	G29	G29 E43 G36 - - H21 H15

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	MAY 1991										
	Latitude	Longitude				E-Side					C.M.	W-Side				
N5979	25-31	266-275	May 11	May 5	May 18	H 3 H 5 H 8	-	-	H12	H15	-	-	H12	-	-	H10 H 3
N5980	5- 9	260-269	May 12	May 6	May 18	C 3 D10	-	-	D14 D15	-	-	C 7	-	-	J 2 J 2	
N5981	11-15	256-265	May 12	May 10	May 14				C13 B13	-	-	B 4				
N5982	2- 6	251-256	May 13	May 10	May 18			B 6 B 9	-	-	J 3	-	-	A 1 A 1		
N5983	8-13	229-238	May 14	May 10	May 20	D 8 D 8	-	-		C 7	-	-	J 5 J 3 J 3 J 2			
N5984	7	338-340	-	May 11	May 11										A 2	
N5985	13-14	239-242	May 14	May 11	May 14	A 1	-	-		C 4						
N5986	11	249	-	May 14	May 14										A 1	
N5987	12-13	203-209	-	May 17	May 20										C 6 J 2 D 6 B 6	
N5988	15	162-164	May 19	May 18	May 20				A 4	A 2					A 3	
N5989	14-18	138-148	May 21	May 18	May 25	A 1 C 3	C11	-	-				D12 C10 C 9			
N5990	16-18	97-104	May 24	May 23	May 30				A 3	B 4					B 9 - - D 8 C 5 A 1	
N5991	4	90-94	May 25	May 23	May 25				A 1 C 3	B 3						
N5992	17-24	46-57	May 28	May 23	Jun. 4	D13 D18 E23	-	-		E48	E38 E30	-	-	-	- J 2	
N5993	8	106	May 24	May 24	May 24					A 1						
N5994	19-20	88-95	-	May 28	May 30										D 7 C 6 C 3	
N5995	2	58	-	May 28	May 28										A 1	
N5996	11-13	50-54	May 28	May 28	May 30					A 3					C 4 D 6	
N5997	3-10	343-354	Jun. 2	May 28	Jun. 7	D16 C20 C24	-	-		-	-				C 8 C 6 J 2 J 2	
S5539	12-13	12-14	May 3	May 3	May 3					A 2						
S5540	26-27	261-262	May 12	May 6	May 18	J 2 J 2	-	-	J 2 J 2	-	-	J 2	-	-	J 2 J 2	
S5541	14-19	231-242	May 14	May 10	May 20	C 5 B 9	-	-		E24	-	-	C 7 J 4 J 2 J 2			
S5542	18	341	-	May 11	May 11										A 1	
S5543	15-16	309-310	-	May 11	May 11										A 2	
S5544	22	256-258	-	May 14	May 14										A 3	
S5545	8-10	226-234	May 14	May 14	May 20					B 4	-	-	B 3 C 4 B 5 B 3			
S5546	11	198-199	-	May 14	May 14										A 2	
S5547	12	193-195	May 17	May 17	May 17					A 2						

S5548	10-16	144-155	May 20	May 17	May 25	E15 E34 E22	E15	- - E10 E 8 E 7
S5549	20	203	-	May 18	May 18			A 1
S5550	25	184-185	May 18	May 18	May 20		A 2	A 1 A 2
S5551	20	175	May 18	May 18	May 18		A 1	
S5552	24	170	-	May 18	May 18		A 1	
S5553	28-29	105-108	May 24	May 18	May 24	A 1 B 6 C 5 - -	A 3	A 1
S5554	20-21	159-161	May 20	May 19	May 23		A 4	.. - - C 5
S5555	25-28	153-158	May 20	May 19	May 20		B 4	B 9
S5556	10	201-202	-	May 20	May 20			A 1
S5557	13-15	135-138	-	May 23	May 23			C 9 B 8 B11 - - A 2
S5558	25	87	-	May 23	May 23		A 1	
S5559	13-15	8-21	May 30	May 24	Jun. 6	J 2 C 3 - -	J 2 J 2	C 3 - - - E19 E10 J 2
S5560	8-11	34	-	May 25	May 28		J 2 - -	A 3
S5561	20	30	-	May 25	May 25		A 1	
S5562	23-25	59-67	-	May 28	May 30			B12 C11 C 7
S5563	18	36	-	May 28	May 28		A 1	
S5564	7-11	355- 1	Jun. 1	May 28	Jun. 7	H 7 H 9 H16 - -	- -	- - C11 H 4 C 6 J 3
S5565	13	356	-	May 28	May 28		A 1	
S5566	7	343	-	May 28	May 29		A 1 A 1	
S5567	22	38	May 29	May 29	May 30		A 1	A 2
S5568	12	29	-	May 30	May 30			A 1
S5569	18	14	-	May 30	May 30		A 1	

S5581	19-23	161-169	Jun.15	Jun.11	Jun.18
S5582	4- 7	185-190	Jun.14	Jun.14	Jun.18
S5583	12-14	145-155	Jun.16	Jun.14	Jun.21
S5584	26-29	114-121	-	Jun.14	Jun.18
S5585	14-15	167-169	Jun.15	Jun.15	Jun.15
S5586	10-15	131-137	Jun.18	Jun.15	Jun.21
S5587	15	88	-	Jun.18	Jun.18
S5588	28	101-104	-	Jun.21	Jun.26
S5589	16-17	55-61	-	Jun.21	Jun.21
S5590	16	19	-	Jun.21	Jun.21
S5591	25	19	-	Jun.21	Jun.21
S5592	15	57	-	Jun.26	Jun.28
S5593	15-16	10-12	-	Jun.26	Jun.26
S5594	3- 5	4- 9	Jun.27	Jun.26	Jun.30
S5595	10-12	358- 1	-	Jun.26	Jun.26
S5596	5-10	346-360	Jun.28	Jun.26	Jul. 3
S5597	6- 9	340-343	Jun.29	Jun.26	Jun.30
S5598	13	7	-	Jun.28	Jun.28
S5599	15	350	-	Jun.28	Jun.28
S5600	26-29	341-347	Jun.29	Jun.28	Jul. 5
S5601	18-19	337	-	Jun.29	Jun.29
S5602	11-12	358- 4	-	Jun.30	Jun.30
S5603	31	360	-	Jun.30	Jun.30
S5604	10-13	278-286	Jul. 4	Jun.30	Jul. 6
S5605	12-16	247-257	Jul. 6	Jun.30	Jul. 6

	B 3 B 4 - B 7	D14	D12 - B 2
		D10	C 8 C 3 - C 5
	C 4 C 6	C 4	- J 2 - - C 6
	B 4 A 4 B 8 - C12		
		A 1	
	A 3 C19 -	D24	- - D28
	A 1		
			C 5 - - - - J 2
	C 7 -		
A 1			
A 1			
			- J 3 J 2 A 1 (S5589)
		A 2	
		D10	D10 D 6 D 4 C 3
	B 4		
	B16 C31	C38	C41 C40 - D17 C10
	D 4 A 1 A 1	B 5	A 1
			A 1
	A 1		
	A 2	B 5	.. - - C 4
	A 2		
			B 4
			A 1
	C 4 - D11 D 8	-	C10 C 7
J 2 -	C 3 C 5 - C 3	C 3	

TABLE OF SUNSPOT GROUPS

JULY 1991

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side					C.M.	W-Side					
	Lati-tude	Longi-tude			
N6018	4-	6346-347	-	Jul. 2	Jul. 2										A 2		
N6019	9-	12272-283	Jul. 4	Jul. 2	Jul. 6				B 3 B 3	-	C20 C19						
N6020	13-	15253-262	Jul. 5	Jul. 2	Jul. 6				C 7 C 7	-	C16 C12						
N6021	19-	21239-249	-	Jul. 2	Jul. 6				D 6 D 7 - D 7 D 6								
N6022	23-	30232-249	-	Jul. 2	Jul. 6				C18 C21 - C28 C27								
N6023	32-	35222-227	-	Jul. 2	Jul. 6				J 4 D 7 - C 8 C 9								
N6024	10-	13211-215	Jul. 9	Jul. 3	Jul. 15				H 3 - H 6 H 5 - -	-	- - - - -					J 2	
N6025	33	216-217	-	Jul. 15	Jul. 15												A 2
N6026	39	211	-	Jul. 15	Jul. 15												A 1
N6027	21	50	Jul. 21	Jul. 15	Jul. 25				J 2 - - - J 2 J 2	-	- J 2 J 2 A 1						
N6028	5-	6 2-3	Jul. 25	Jul. 19	Jul. 31				J 2 J 2 - - J 2 J 2	J 2	- - - J 2 - J 2						
N6029	5-	11353- 0	Jul. 25	Jul. 20	Aug. 1				H 6 - - H20 H18	H13	- - - H15 - H 5 H 2						
N6030	9	52	-	Jul. 23	Jul. 23												A 1
N6031	5-	14332-347	Jul. 26	Jul. 23	Aug. 2				C37 C47 C43	-	- - D41 - C18 C 8 J 2						
N6032	-1-	3339-343	Jul. 27	Jul. 23	Aug. 2				C 7 C 9 C 6 -	-	- C 5 - C 8 C 7 J 2						
N6033	7-	8321-324	-	Jul. 29	Jul. 31						C 6 - A 3						
N6034	12	281-282	-	Jul. 29	Jul. 29				A 2								
N6035	18-	24241-252	Aug. 2	Jul. 29	Aug. 10				B 2 - E30 E31	E41	- - - - F23 F17 F10 A 3						
N6036	12-	14271-276	Aug. 1	Jul. 31	Aug. 1					C 6 C 5							
N6037	24	239	-	Jul. 31	Jul. 31				A 1								
N6038	33	218	-	Jul. 31	Aug. 2				J 2 J 2 J 2								
S5606	33	324-326	-	Jul. 3	Jul. 3							C 3					
S5607	18	220	-	Jul. 3	Jul. 6				J 2 - J 2 J 2								
S5608	12-	13180-183	-	Jul. 6	Jul. 6				C 3								
S5609	20-	25156-171	-	Jul. 15	Jul. 19							E19 - - - A 1					
S5610	13-	17134-143	Jul. 15	Jul. 15	Jul. 19					D34	- - - A 2						
S5611	10-	11134-142	Jul. 15	Jul. 15	Jul. 20					C 4	- - - J 2 J 2						
S5612	5	111	-	Jul. 15	Jul. 15				A 1								
S5613	24-	26 85-90	Jul. 18	Jul. 15	Jul. 24				J 4 - -	-	D13 D 7 - - C 3 A 1						

S5614	21-25	64-68	Jul.20	Jul.15	Jul.25	J 7	-	-	-	C12	D 9	-	-	C 7	B 4	B 3
S5615	31	125	-	Jul.19	Jul.19									A 1		
S5616	9-12	13-27	Jul.23	Jul.19	Jul.29		B 2	C 5	-	-	C21	E18	E14	-	-	J 2
S5617	5- 9	6-12	Jul.24	Jul.19	Jul.25	J 2	C 3	-	-	J 4	C 5	B 3				
S5618	11-17	353- 4	Jul.25	Jul.19	Aug. 1	J 2	D 9	-	-	D16	D14	E19	-	-	D 6	E 6 J 2
S5619	26	22	-	Jul.20	Jul.20					A 1						
S5620	1-2	62-64	-	Jul.23	Jul.25									C 5	J 7	J 4
S5621	23	346	-	JUL.23	Jul.25					A 2	A 1	A 1				
S5622	19-21	356- 0	Jul.25	Jul.24	Jul.29					A 2	C 9	-	-	-	J 2	
S5623	8	339	-	Jul.24	Jul.24					A 1						
S5624	20	316	-	Jul.24	JUL.25		A 1	A 2								
S5625	5- 7	347-352	-	Jul.29	Aug. 1									D10	-	B 4 A 1
S5626	14-19	274-280	Jul.31	Jul.29	Aug. 2					D 9	-	D15	D19	H13		
S5627	15-19	239-247	Aug. 3	Jul.29	Aug. 8	J 2	-	D13	D14	D16	-	-	-	-	C 5	C 6

TABLE OF SUNSPOT GROUPS
AUGUST 1991

Group NO.	Latitude	Longitude	C.M. Passage	First Obs.	Last Obs.	E-Side	C.M.	W-Side
N6039	21	308-309	-	Aug. 2	Aug. 2			A 1
N6040	5	282	-	Aug. 2	Aug. 2			A 1
N6041	13-14	258-259	Aug. 2	Aug. 2	Aug. 2		A 4	
N6042	9	165	Aug. 9	Aug. 7	Aug. 11	J 2 J 2	J 2	J 2 A 1
N6043	5-10	119-124	Aug. 12	Aug. 7	Aug. 14	C 4 C 7 C 5 C 7 C 6	C 8	B 6 A 2
N6044	13-14	156-162	-	Aug. 8	Aug. 8			B 2
N6045	2- 6	88-95	Aug. 14	Aug. 9	Aug. 15	C 5 D 9 D11 B 8 C10	A 5	A 2
N6046	23	48-54	Aug. 17	Aug. 12	Aug. 23	J 2 J 4 J 3 J 3 J 2	J 2	J 2 C 3 - J 2 J 2 J 2
N6047	7- 8	39-41	-	Aug. 14	Aug. 17	B 3 A 2 A 1 A 1		
N6048	8-11	354- 0	Aug. 21	Aug. 16	Aug. 28	J 3 C 5 C 5 C 6 -	C 9	C 6 C10 C 4 C 5 C 5 J 3 J 2
N6049	1- 4	349- 0	Aug. 21	Aug. 16	Aug. 28	A 1 D 5 C 6 C 7 -	C11	C12 C12 D 4 J 2 J 2 C 4 J 2
N6050	8-10	5- 6	-	Aug. 17	Aug. 19	A 1 .. A 3		
N6051	8-15	330-344	Aug. 23	Aug. 17	Aug. 28	J 2 C 7 D13 - D21 E23	E30	E18 C12 D10 C 3 C 3
N6052	1- 2	341-342	Aug. 23	Aug. 17	Aug. 27	J 2 J 2 J 2 - J 2 J 2	J 3	J 3 J 2 J 2 A 1
N6053	14-18	340-346	Aug. 23	Aug. 18	Aug. 28	J 2 D 6 - C10 D12	D13	J 3 J 3 J 2 J 2 A 1
N6054	13	311	-	Aug. 21	Aug. 23	J 2 J 2 A 2		
N6055	11-12	298-302	Aug. 26	Aug. 22	Aug. 26	C 5 B 6 B 3 B 4	A 1	
N6056	16	358	-	Aug. 23	Aug. 23			A 1
N6057	14-16	276-282	Aug. 27	Aug. 24	Sep. 3	A 3 C11 C 7	C 7	D10 - - J 2 - J 2 J 2
N6058	20-26	233-248	Aug. 30	Aug. 24	Sep. 9	E 7 E16 E17 E19 E36 -	-	C22 - C16 C18 D 7 D11 D10
N6059	18	234-236	Aug. 31	Aug. 31	Sep. 2		A 2	- A 3
N6060	9-12	224-233	Aug. 31	Aug. 31	Sep. 6		D17	- C14 D12 C12 C 4 C 5
S5628	11-13	232-234	Aug. 4	Aug. 2	Aug. 7	A 3 -	-	- - A 1
S5629	32	188	Aug. 7	Aug. 2	Aug. 10	A 1 - - -	A 3	J 3 J 2 A 1
S5630	23-24	161-163	Aug. 9	Aug. 7	Aug. 15	J 3 C 4	J 3	J 3 J 3 C 4 J 2 J 2 J 2
S5631	13-15	135-139	Aug. 11	Aug. 7	Aug. 12	A 3 B 4 B 4	A 1
S5632	22-25	110-115	Aug. 13	Aug. 7	Aug. 19	J 2 J 2 J 2 J 2 H 2 J 2	J 2	J 2 C 3 J 5 J 3 J 2 J 2
S5633	32	177-178	Aug. 8	Aug. 8	Aug. 9		A 1	A 1
S5634	7	184-185	-	Aug. 11	Aug. 11			A 1
S5635	18	134	Aug. 11	Aug. 11	Aug. 11		A 1	

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	OCTOBER 1991		C.M.	W-Side	
	Latitude	Longitude				E-Side				
N6077	14-20	148-160	Oct. 3	Oct. 2	Oct. 4		E23	E25	E18	
N6078	13	125	-	Oct. 2	Oct. 2	A 1				
N6079	6-10	126-133	-	Oct. 3	Oct. 4		D13	D14		
N6080	17-18	107-108	-	Oct. 12	Oct. 12					J 2
N6081	5- 7	9-16	Oct. 14	Oct. 12	Oct. 20		D10	-	C 9	C 6 - - J 2 J 2 J 2
N6082	1	4	Oct. 15	Oct. 12	Oct. 18	J 2	-	J 2	A 1	- - A 1
N6083	4- 6	356-359	Oct. 15	Oct. 12	Oct. 15	J 2	-	J 2	C 4	
N6084	14-16	0- 5	Oct. 15	Oct. 14	Oct. 20			C 6	B 4	- - B 2 C 4 C 5
N6085	20-23	270-305	Oct. 19	Oct. 14	Oct. 24	C 6	C17	- -	E30	C26 C26 B15 - B 6 A 1
N6086	11	3	Oct. 15	Oct. 15	Oct. 15				A 1	
N6087	15	353	-	Oct. 18	Oct. 18					A 1
N6088	9	306	-	Oct. 21	Oct. 21					A 1
N6089	8-11	241-247	Oct. 24	Oct. 23	Oct. 29			D16	D25	D15 - - D 7 C 7
N6090	16-19	200-203	Oct. 27	Oct. 23	Oct. 29	J 4	C 5	B 5	-	- B 5 A 1
N6091	13-18	157-171	Oct. 30	Oct. 24	Nov. 3	A 4	C15	- -	E36	E56 - - E49 E27
N6092	12	237	-	Oct. 25	Oct. 25					A 1
N6093	11	192-195	-	Oct. 25	Oct. 25					C 3
S5686	22	184	-	Oct. 2	Oct. 2					A 1
S5687	25-28	153-157	Oct. 3	Oct. 2	Oct. 4			A 1	A 2	D 9
S5688	1	116	-	Oct. 2	Oct. 4			J 2	J 2	J 2
S5689	17	77-79	Oct. 9	Oct. 3	Oct. 12	J 2	J 2	- -	- -	- - A 2
S5690	10-11	74-75	-	Oct. 12	Oct. 15					J 2 - J 2 A 1
S5691	10-13	20-22	Oct. 13	Oct. 12	Oct. 15			D 7	-	D 6 B 5
S5692	20-26	8-13	Oct. 14	Oct. 12	Oct. 20			H20	-	H17 H19 - - H14 D 9 D 4
S5693	18-23	330-341	Oct. 16	Oct. 12	Oct. 21	C10	-	G13	E15	- - E 9 B 4 .. B 3
S5694	34-36	19-22	-	Oct. 14	Oct. 15					C 4 J 2

S5695	3- 4337-343	Oct.16	Oct.15	Oct.21		A 2	-	-	D 7	D 6	C 3	A 1
S5696	2 3	-	Oct.19	Oct.19							A 1	
S5697	17-18325-327	-	Oct.20	Oct.20					C 3			
S5698	11-16302-313	-	Oct.20	Oct.25				B 2	D10	-	C 6	C 3 B 3
S5699	21 302-305	-	Oct.21	Oct.21					C 4			
S5700	14-18233-243	Oct.24	Oct.21	Oct.25		B 4	-	B16	B15	B 6		
S5701	7-17178-196	Oct.28	Oct.23	Nov. 3		H21	H34	F73	-	-	F76	F105 - - - F53 E15
S5702	17-22176-192	Oct.28	Oct.23	Nov. 3		C 4	D14	E31	-	-	F32	E35 - - - E 8 G 6
S5703	11 264	-	Oct.24	Oct.24							A 1	
S5704	9 174	Oct.29	Oct.24	Oct.29		J 2	J 2	-	-	J 3	J 3	
S5705	6- 7204-207	-	Oct.28	Oct.29							C 3	D 6
S5706	11-14138-143	Nov. 1	Oct.28	Nov. 5		A 2	D10	-	-	-	C 6	J 2 - J 3
S5707	13-18161-169	Oct.30	Oct.29	Nov. 3					A 1	-	-	- C11 C 5
S5708	7-12110-120	Nov. 2	Oct.29	Nov. 5		C10	-	-	-	D20	C11	- B 5

S5724	6- 8	251-254	Nov.19	Nov.19	Nov.25						D 9	D 9 B 4 B 2 - A 1 A 1
S5725	12	181-182	Nov.25	Nov.19	Nov.25	J 2 J 2 J 2 J 2 - J 3				J 2		
S5726	25-26	280-282	-	Nov.20	Nov.21							C 4 A 2
S5727	9	234	Nov.21	Nov.20	Nov.22					A 1	..	A 1
S5728	19	193	-	Nov.20	Nov.20					A 1		
S5729	6- 7	180-184	-	Nov.20	Nov.24	B 2 A 2 A 2 - B 2						
S5730	6	202	-	Nov.22	Nov.22					A 2		
S5731	9-11	186-190	Nov.24	Nov.24	Nov.25						D 7	C 4
S5732	21-22	174-175	-	Nov.24	Nov.24					A 3		
S5733	8	151	-	Nov.24	Nov.25					J 2 A 1		
S5734	12-13	136-141	Nov.28	Nov.24	Dec. 4	C 3 D12 - - - -						D 5 A 4 A 4
S5735	25	200	-	Nov.25	Nov.25							A 1
S5736	3	179	Nov.25	Nov.25	Nov.25					A 1		

S5756	15-18	255-262	Dec.16	Dec.10	Dec.20	A 1	-	-	C10	C13	-	C13	B11	-	A 1	A 1		
S5757	5	250	-	Dec.13	Dec.13			A 1										
S5758	25	286	Dec.14	Dec.14	Dec.14							A 1						
S5759	17	264-273	-	Dec.16	Dec.21								D15	D 9	-	D 6 C 4 J 3		
S5760	8-11	256-260	Dec.16	Dec.16	Dec.17							B 3	B 3					
S5761	18-19	244-252	Dec.17	Dec.16	Dec.21					B 4	C 7	-	C 5	C 3	B 2			
S5762	7-13	183-200	Dec.21	Dec.16	Dec.24	C 6	E14	-	E31	G26	G23	C22	-	C13				
S5763	6	209	-	Dec.17	Dec.17			A 1										
S5764	6	245	-	Dec.19	Dec.21								J 2	A 2	A 1			
S5765	7- 9	158-161	Dec.24	Dec.19	Dec.24	A 1	A 1	A 1	A 1	-	B 3							
S5766	20-21	146-155	Dec.24	Dec.19	Dec.24	D 5	D 7	D 7	D 7	-	D10							
S5767	11-17	139-148	Dec.25	Dec.19	Dec.31	H12	H16	H22	H32	-	H34	-	-	-	-	D17	D17	
S5768	7-10	211-220	Dec.20	Dec.20	Dec.24							C 7	B 5	C14	-	D20		
S5769	24	197	Dec.21	Dec.21	Dec.21							A 1						
S5770	18	184-185	Dec.22	Dec.22	Dec.22							A 3						
S5771	13-21	88-109	Dec.28	Dec.22	Jan. 2	J 2	-	F34	-	-	-	-	-	F73	F62	F43	F32	
S5772	13	214	-	Dec.24	Dec.24									J 2				
S5773	10-18	68-84	Dec.30	Dec.24	Jan. 5	C 9	-	-	-	-	-	F31	F36	F27	G27	-	-	G 6
S5774	9	80	Dec.30	Dec.30	Dec.31							A 2	A 2					
S5775	4- 5	58-62	Dec.31	Dec.30	Jan. 2					C 6	J 5	J 5	B 3					
S5776	6-14	1-16	Jan. 4	Dec.30	Jan. 8	C11	D12	E16	G23	-	-	E22	-	-	C12			
S5777	8-12	338-352	Jan. 6	Dec.31	Jan.11	C 4	C 6	E12	-	-	E28	-	-	E30	-	E15	C 8	
S5778	14-18	333-349	Jan. 6	Dec.31	Jan.11	A 1	E11	E26	-	-	F58	-	-	F46	-	F43	F26	