

TABLE OF SUNSPOT GROUPS

FEBRUARY 2014

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side				C.M.	W-Side			
	Latitude	Longitude			
N8552	4-5	10-113	-	Feb.5	Feb. 5								B 2	
N8553	3-6	12-16	Feb.10	Feb. 7	Feb.13		D 6	-	C 8	D 8	J 3	C 3	J 2	
N8554	5-8	32-38	-	Feb.11	Feb.13							D 6	D 4 B 5	
N8555	14	23	-	Feb.12	Feb.12								A 1	
N8556	12-14	72-184	Feb.25	Feb.20	Feb.26		J 2	C 4	C 4 B 3	B 5	C 7	B 4		
N8557	7-8	26-135	Mar. 1	Feb.23	Mar. 4	J 2	J 3	J 4	J 4 - ..	-	-	C 7	D 7	
N8558	5	125	-	Feb.26	Feb.26				A 1					
N8559	16-17	99-104	Mar. 3	Feb.28	Mar. 4		B 6	+	-	J 3	C 4			
S8481	17-18	62-65	-	Feb. 2	Feb. 5		D 4	-	J 2 J 2					
S8482	12-13	32-40	Mar. 9	Feb. 5	Feb.13		J 5	-	D10 -	D 7	J 2	J 2	J 2 J 2	
S8483	14	85	-	Feb. 7	Feb. 7							J 2		
S8484	9-14	348- 4	Feb.11	Feb. 7	Feb.18		E 8	-	D12 E19	E29	E37	F36	- - F25 F18 D 9	
S8485	12-15	65-75	-	Feb. 9	Feb.11							D10	D 9 D 5	
S8486	12-15	309-321	Feb.15	Feb. 9	Feb.20	J 2	F12	F11	E10 G 6 -	-	G 6	G 5	G 4 J 4 J 3	
S8487	8-12	288-298	Feb.16	Feb.11	Feb.21		E 4	E 4	E12 - -	D18	D14	D13	C 8 C 6 J 2	
S8488	12-17	220-226	-	Feb.18	Feb.20		B 2	J 2	J 2					
S8489	5- 7	205-224	Feb.22	Feb.18	Feb.28		D 6	D11	F15 E16	F18	F23	F24	F24 F16 - A 1	
S8490	8-13	202-212	Feb.23	Feb.18	Feb.28		D 9	D12	D14 D18	D22	E34	E22	E27 E13 - C 7	
S8491	1- 2	145-154	Feb.27	Feb.22	Mar. 4		D 4	D 6	D 7 D 8	D12	-	D11	- - J 2 J 2	
S8492	11-13	106-108	Mar. 2	Feb.25	Mar. 9		J 2	J 2	- J 4 -	-	J 4	J 6	- D 6 - J 2 J 2	
S8493	17-18	216-220	-	Feb.26	Feb.26								C 6	
S8494	17-18	228	-	Feb.28	Feb.28								J 2	
S8495	21-28	87-97	Mar. 4	Feb.26	Mar. 8	J 2	-	D 6	- - E16	E16	-	G 9	- J 4	
S8496	8-10	180-188	-	Feb.28	Feb.28								D 6	
S8497	5- 6	144-150	-	Feb.28	Mar. 4							D 5	- - J 2 J 2	
S8498	18-20	137-141	Feb.28	Feb.28	Feb.28					C 3				
S8499	15-17	107-117	Mar. 2	Mar.28	Mar. 4				C 4 -	-	C 9	B 4		

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MARCH 2014

Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side			C.M.	W-Side		
Group NO.	Latitude				Longitude
N8560	13-17	45-57	Mar. 7	Mar. 3	Mar. 12	C 6 B 3	- ..	-	D 7 C 7 E11 E14 E 8		
N8561	5-7	8-17	-	Mar. 11	Mar. 15				D 6 D10 - D 9 D10		
N8562	11-14	262-265	Mar. 18	Mar. 12	Mar. 24	J 2 - J 2 J 2	- H 3	-	J 2 - J 2 - J 2 J 2		
N8563	11-12	8-12	-	Mar. 14	Mar. 15				A 3 D 4		
N8564	11-12	242-245	-	Mar. 14	Mar. 17	A 1 J 2	- C 3				
N8565	13-14	282-285	Mar. 17	Mar. 17	Mar. 17			C 4			
N8566	13	187	Mar. 24	Mar. 19	Mar. 24	J 2 - J 2	- J 2	J 2			
N8567	9-11	139-147	Mar. 27	Mar. 23	Mar. 31	C 3 D 4	- -	-	C 8 C11 D 9 C 4		
N8568	3-5	137-141	Mar. 28	Mar. 28	Mar. 29			D 8	A 1		
N8569	17	61	Apr. 2	Mar. 29	Apr. 4	J 2 J 2 J 2 J 2		J 2	- J 2		
N8570	12-14	9-13	Apr. 6	Mar. 31	Apr. 12	J 2 J 2 J 2	- J 2 C 4	-	J 3 C 4 J 3	- J 2 J 2	
S8500	16	43-47	-	Mar. 6	Mar. 6			D 5			
S8501	9-12	12-16	-	Mar. 6	Mar. 9	J 2 - C 5	A 2				
S8502	8-9	358- 0	Mar. 11	Mar. 6	Mar. 15	J 3 - J 3 C 4 J 4		J 4	J 4 - C 3 A 1		
S8503	15-20	319-331	Mar. 13	Mar. 8	Mar. 19	A 1 J 3 D 9 D22 E19		-	E20 E21 - E18 - A 1		
S8504	8	299	-	Mar. 11	Mar. 12	A 1 A 1					
S8505	10	293-296	-	Mar. 17	Mar. 21				B 3 - D 8 - J 2		
S8506	5-9	275-283	-	Mar. 19	Mar. 23				D 8 - D 8 - C 4		
S8507	5-14	229-240	Mar. 20	Mar. 19	Mar. 24			C 4	D 8 - E13 J 3		
S8508	12-15	198-207	Mar. 23	Mar. 19	Mar. 28	C 6 - D 8	- D16	D18	- - - C 8		
S8509	9	194	-	Mar. 19	Mar. 19	A 1					
S8510	11-16	164-173	Mar. 25	Mar. 21	Mar. 31	D 4 - D 7 D14		-	- - D 5 H 7 D 5 J 4		
S8511	10	221	-	Mar. 23	Mar. 23				A 1		
S8512	22-23	114-117	Mar. 29	Mar. 28	Mar. 31			A 1 ..	D 4 C 3		
S8513	15-16	187-190	-	Mar. 29	Mar. 29					A 2	
S8514	7	139	-	Mar. 29	Mar. 29				A 1		
S8515	11-14	69-75	Apr. 2	Mar, 29	Apr. 7	D 8 D 5 D13 D12		D 9	- D21 D18 - J 2		
S8516	10	108	-	Mar. 31	Mar. 31				A 1		
S8517	7-12	14-26	Apr. 5	Mar. 31	Apr. 9	J 2 D10 D13	- E19	E18	- G 6 E14 D 5		

Heliographic

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April 2014

Group NO.	Latitude	Longitude	C.M. Passage	First Obs.	Last Obs.	April 2014		C.M.	W-Side
						E-Side	W-Side		
N8571	8	71-74	-	Apr. 4					
N8572	14	49	-	Apr. 4	Apr. 4				B 2
N8573	16-17	26-32	Apr. 5	Apr. 4	Apr. 8			A 1	
N8574	9-12	357- 5	Apr. 7	Apr. 4	Apr. 9			D 7 D 4 - J 2 J 2	
N8575	8	14	-	Apr. 5	Apr. 5			D 6 D 12 - D 5 D 5 J 3	
N8576	2- 3	27-31	-	Apr. 7	Apr. 9			A 1	
N8577	11-13	263-276	Apr. 14	Apr. 8	Apr. 19	J 2 E 7 - E 8 E 6 -	G 5	G 6 - G 4 - E 10	D 7 D 6 C 3
N8578	4- 6	240-251	Apr. 16	Apr. 11	Apr. 19	D 4 D 6 - D 8 E 12	-	- - E 10	
N8579	23	234	-	Apr. 17	Apr. 17			A 1	
N8580	18-19	162-170	Apr. 22	Apr. 17	Apr. 27	D 5 - D 6 - -	-	C 4 J 2 J 2 J 2 J 2	
N8581	20	123-126	-	Apr. 27	Apr. 27			C 3	
S8518	7- 8	5-11	-	Apr. 1	Apr. 5	J 2 J 2 - B 3 A 2			
S8519	2	318	-	Apr. 9	Apr. 9			A 1	
S8520	15-19	216-229	Apr. 17	Apr. 12	Apr. 23	D 6 - E 13 E 11 -	D 14	- E 21 - - - D 5	
S8521	15-18	242-251	Apr. 16	Apr. 14	Apr. 19			D 9 - D 17	
S8522	8-10	242-248	Apr. 16	Apr. 14	Apr. 19	J 4 J 3	-	D 10 - C 5	
S8523	9-13	182-187	Apr. 20	Apr. 15	Apr. 26	J 2 - J 2 - D 11	-	- - D 10 D 5 J 2 A 1	
S8524	19	262	Apr. 17	Apr. 17	Apr. 17			J 2	
S8525	9-10	227-233	-	Apr. 23	Apr. 23				D 5
S8526	21-24	116-119	Apr. 25	Apr. 23	May 1	J 3 J 2	C 5	C 3 J 3 - - - J 2	
S8527	16-17	201-204	-	Apr. 24	Apr. 24				B 2
S8528	19-20	138-143	Apr. 24	Apr. 24	Apr. 25			D 7 J 2	
S8529	17	64	-	Apr. 27	Apr. 27				
S8530	5- 9	11-19	May 3	Apr. 27	May 9	J 2 - - - J 1 D 11 D 15	D 10	D 12 - C 8 J 3 J 2 J 2	

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	May 2014														
	Lati-tude	Longi-tude				E-Side						C.M.	W-Side							
N8582	12	14	May 3	May 1	May 7							J 2	J 2	J 2	J 2	J 2	-	J 2	A 1	
N8583	10-12	316-318	May 8	May 6	11							D 7	D 5	C 3	J 2	J 4	J 2			
N8584	11-13	267-277	May 11	May 6	May 17			D 5	D 9	D 6	E 8	G 7	D 6	-	E 6	E 6	-	J 2	J 2	
N8585	3- 8	253-264	May 12	May 6	May 17	J 2	D 6	E 8	E 9	D 7	D 11	-	E 9	E 10	-	D 9	D 7			
N8586	1	256	-	May 7	May 11			J 2	J 3	J 2	J 2	J 2								
N8587	14-15	250-251	May 13	May 7	May 17	J 2	J 2	J 2	J 2	J 2	J 2	-	J 3	J 2	-	J 3	J 2			
N8588	11	252	-	May 10	May 10							A 1								
N8589	9-11	176-182	May 18	May 14	May 20			D 6	-	D 10	D 10	C 6	J 2	J 2						
S8531	15-20	43-52	May 1	May 1	May 6								D 13	D 23	D 18	D 18	-	J 2		
S8532	8-10	56-60	-	May 1	May 6									A 2	D 8	D 11	D 10	-	J 3	
S8533	11-12	331-336	May 6	May 3	May 7					D 5	C 7	-	J 3	J 2						
S8534	12	292	May 9	May 4	May 10			J 2	=	J 2	J 2	J 2	J 2	J 2						
S8535	10-12	234-237	-	May 8	May 11	J 2	J 2	J 2	D 6											
S8536	13-16	231-223	May 14	May 9	May 20			J 2	J 2	C 5	-	D 14	D 13	-	D 6	J 3	J 2	J 2	J 4	
S8537	5- 6	289-294	-	May 11	May 14										D 4	-	D 5	J 2		
S8538	23-24	191-193	May 17	May 11	May 23	A 1	-	J 2	J 2	-	J 4	J 2	J 2	J 2	J 2	-	J 2	J 2		
S8539	17-20	145-153	May 20	May 16	May 25			A 1	J 2	..	..	..	-	..	..	D 8	D 12		
S8540	7- 9	251-253	-	May 17	May 17														A 3	
S8541	4-16	192-195	May 17	May 17	May 20								C 8	D 5	D 8	D 5				
S8542	6-17	154-159	-	May 17	May 18					D 6	C 3									
S8543	17	218	-	May 19	May 20														A 1	J 2
S8544	9-12	77-86	May 25	May 20	May 28			J 2	-	D 7	D 9	D 11	D 7	-	D 4	J 2				
S8545	17	137	-	May 22	May 22										J 3					
S8546	10-14	58-68	May 27	May 22	May 31			J 2	C 3	C 9	D 14	-	E 11	C 5	B 4	D 6	C 3			
S8547	12-13	132-139	-	May 23	May 27										D 7	D 8	D 5	-	J 2	
S8548	8- 9	24-27	May 30	May 24	Jun. 3	J 2	J 2	-	J 3	C 3	J 2	C 3	J 3	J 2	-	A 1				
S8549	18	55-63	-	May 28	May 30										D 5	D 5	C 4			
S8550	3- 6	298-302	Jun. 5	May 31	Jun. 10			J 2	C 4	-	C 9	J 4	J 5	J 4	-	C 3	J 2	A 1		

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Heliographic		JUNE 2014																		
Group NO.	Latitude	Longitude	C.M. Passage	First Obs.	Last Obs.	E-Side					C.M.	W-Side								
							
N8590	11-15	277-281	Jun. 7	Jun. 1	Jun.10	J 2	-	J 2	J 2	J 2	J 2	-	J 2	C 3	D 6					
N8591	14-19	248-255	Jun. 8	Jun. 6	Jun.14					D 9	-	D12	D 7	D11	-	-	D 5	J 3		
N8592	17-20	193-200	Jun.13	Jun.13	Jun.19							D 8	D 7	D14	D10	D11	-	A 2		
N8593	24-25	136-146	Jun.17	Jun.13	Jun.23			D 4	D 4	C 3	J 2	J 2	-	J 2	J 2	-	-	J 2		
N8594	9-13	350-358	Jun.28	Jun.23	Jul. 2	C 3	D 4	D 5	D 6	D 4	-	D 4	-	D 5	A 1					
N8595	12-14	274-279	-	Jun.29	Jul. 2	J 2	-	D 9	D11											
S8551	17-18	328-331	Jun. 3	Jun. 1	Jun. 4							J 2	J 2							
S8552	9-12	256-265	Jun. 8	Jun. 5	Jun.14			D 4	D10	-	D19	D12	D19	-	-	D 9	D 5			
S8553	12	355	-	Jun. 6	Jun. 6													A 1		
S8554	18-20	248-261	Jun. 8	Jun. 8	Jun.14							E17	E22	E23	-	-	E13	E 6		
S8555	10	290-293	-	Jun. 9	Jun.10										C 4	A 1				
S8556	16-20	151-160	Jun.16	Jun.10	Jun.20	J 2	-	-	D11	D11	D 7	D 5	D 6	-	D 6	J 2				
S8557	10	241-246	-	Jun.13	Jun.14													D 5	J 2	
S8558	7	200	-	Jun.13	Jun.14								J 2	A 1						
S8559	18	140-143	Jun.17	Jun.14	Jun.20				J 2	B 2	..	..	-	A 2	J 2					
S8560	7-11	80-88	-	Jun.17	Jun.20				J 2	-	D 7	J 7								
S8561	17-18	78-79	-	Jun.17	Jun.20	J 2	-	J 2	J 2											
S8562	22	155	-	Jun.19	Jun.20											J 2	J 2			
S8563	5- 9	22-24	Jun.26	Jun.24	Jun.27				J 3	D 6	D 6	J 3								
S8564	8- 9	96-97	-	Jun.26	Jun.26															J 2
S8565	15	5	Jun.27	Jun.27	Jun.27							J 2								
S8566	8-13	266-271	Jun. 5	Jun.29	Jul. 9	D 6	-	D 8	H15	-	-	-	-	-	-	-	D 6			

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Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	AUGUST 2014				C.M.	W-Side				
	Latitude	Longitude				E-Side									
N8607	8-11	173-180	-	Aug. 4	Aug. 7		D 9	D 7	D10	D11					
N8608	10-15	127-135	Aug.11	Aug. 7	Aug.15		D 6	-	-	-	D 7	-	-	-	J 2
N8609	12-15	51-61	Aug.17	Aug.11	Aug.22	J 2	-	-	-	D13	-	-	D 7	-	C 4 .. A 1
N8610	16-17	19-30	Aug.19	Aug.15	Aug.23		D 7	-	-	E14	-	C 3	J 2	J 3	J 2
N8611	9-11	343-347	Aug.22	Aug.18	Aug.27		J 3	-	J 3	J 6	C 5	J 5	-	-	- C 4
N8612	6-	8321-330	Aug.24	Aug.20	Aug.27		C 6	D11	D16	D10	-	-	-	A 3	
N8613	9-11	278-286	Aug.27	Aug.22	Sep. 2		C11	D10	-	-	-	C 6	-	D 5	D13 H 7 - D 6
S8581	17-19	205-217	Aug. 5	Aug. 1	Aug. 7		D 8	-	-	D11	E11	E17	E13		
S8582	10	227	Aug. 4	Aug. 4	Aug. 4						A 1				
S8583	3-	6220-221	Aug. 4	Aug. 4	Aug. 5						C 4	J 2			
S8584	23	205	Aug. 5	Aug. 4	Aug. 7					A 1	A 1	J 2	J 2		
S8585	16	162	-	Aug. 1	Aug. 1							J 2			
S8586	15-18	100-109	-	Aug.15	Aug.18							J 4	-	-	D 5
S8587	3- 5	29-34	Aug.19	Aug.18	Aug.23					C 4	-	D 9	D13	D15	D11
S8588	9	334	Aug.23	Aug.18	Aug.23	J 2	-	J 3	J 2	J 2	J 2				
S8589	12-13	265-266	Aug.28	Aug.23	Sep. 2	J 2	-	-	-	J 3	-	J 2	J 2	J 2	- J 2
S8590	6-	7253-254	Aug.29	Aug.27	Sep. 2				J 2	-	J 3	J 3	J 2	-	J 3
S8591	14-17	201-212	Sep. 2	Aug.29	Sep. 7	J 2	C-7	D14	-	E21	-	-	-	E 7	J 2

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Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	SEPTEMBER 2014						C.M.	W-Side					
	Latitude	Longitude				E-Side												
N8614	10	145-150	Sep. 6	Sep. 6	Sep. 11							C 3	J 2	C 3	D 4	C 4	J 2	
N8615	14-19	85-90	Sep. 11	Sep. 6	Sep. 17	H 7	H 7	H 8	H 15	H 16	H 15	H 17	H 8	H 7	-	C 4	J 2	
N8616	13	134	-	Sep. 9	Sep. 9								A 1					
N8617	12-13	352-356	Sep. 18	Sep. 14	Sep. 19		D 4	-	J 3	J 5	-	J 2						
N8618	5-	6291-292	Sep. 23	Sep. 17	Sep. 23	J 2	-	J 2	-	J 2	J 2	J 2						
N8619	11-12	291-292	Sep. 23	Sep. 17	Sep. 23	J 2	-	J 2	-	J 2	J 2	J 3						
N8620	16	292-293	-	Sep. 23	Sep. 23												J 2	
N8621	13-18	257-266	-	Sep. 26	Oct. 1					D 21	D 19	D 16	D 16	D 14	D 6			
N8622	11-13	162-172	Oct. 2	Sep. 26	Oct. 3	D 4	D 6	D 7	D 12	D 12	D 12	-	J 2					
N8623	8	207-211	-	Sep. 30	Oct. 3							B 3	A 2	-	D 5			
S8592	9-10	228-234	-	Sep. 2	Sep. 6								D 7	-	-	-	J 2	
S8593	16	162	-	Sep. 6	Sep. 6							J 2						
S8594	18-23	108-112	Sep. 9	Sep. 6	Sep. 11		J 8	D 9	D 5	D 7	D 7	D 5	C 4					
S8595	10-17	93-105	Sep. 10	Sep. 6	Sep. 14	D 12	E 6	E 22	E 25	E 24	E 24	E 16	E 16	D 9				
S8596	9	196-191	-	Sep. 7	Sep. 8											D 5	A 2	
S8597	11-15	149-150	-	Sep. 7	Sep. 11							D 5	J 2	J 2	..	J 2		
S8598	20	81	Sep. 11	Sep. 7	Sep. 11	A 1	..	A 1	..	J 2	J 2							
S8599	15-16	62-69	Sep. 12	Sep. 8	Sep. 14	D 4	D 5	C 5	C 3	C 4	C 4	J 3	J 2					
S8600	12-13	43-52	Sep. 14	Sep. 11	Sep. 19		J 3	J 2	D 11	D 12	D 12	-	D 8	D 9	-	J 2		
S8601	7	18	-	Sep. 12	Sep. 13	J 2	J 2											
S8602	7	10-13	Sep. 16	Sep. 16	Sep. 17						J 2	C 4						
S8603	8	27	-	Sep. 17	Sep. 17							J 2						
S8604	7-13	257-271	Sep. 24	Sep. 19	Sep. 30	J 2	-	D 8	E 9	E 7	-	-	G 11	G 12	G 7	C 5	J 2	
S8605	12-17	243-253	Sep. 26	Sep. 21	Oct. 1	A 1	A 1	A 1	-	-	C 6	D 14	D 19	D 16	E 10	J 2		
S8606	7-13	234-247	Sep. 26	Sep. 21	Oct. 1	D 7	D 14	E 16	-	-	E 23	E 17	E 15	F 15	G 13	G 8		
S8607	0-	3149-156	Oct. 3	Sep. 28	Oct. 9	J 2	J 2	D 6	D 9	-	C 8	-	-	-	J 3	J 2	J 2	
S8608	9-10	141-142	-	Sep. 29	Oct. 3	J 2	J 2	J 2	-	J 3								
S8609	10	161	Oct. 2	Sep. 30	Oct. 8				J 2	..	-	..	-	-	-	C 3	J 2	

TABLE OF SUNSPOT GROUPS

OCTOBER 2014

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	E-Side							C.M.	W-Side											
	Lati- tude	Longi- tude				.	.	.	.	.	.	.		.	.	.	.	.	.
N8624	14	90	-	Oct. 7	Oct. 7							A 1													
N8625	23	340	Oct.16	Oct.16	Oct.16							J 2													
N8626	5-	6283-288	Oct.20	Oct.19	Oct.26							D 6	-	-	-	D 8	J 3	J 2	J 2						
N8627	8-	9177-186	Oct.28	Oct.23	Nov. 3							D 4	C 4	J 2	-	-	-	-	J 2						
S8610	13-16	118-125	Oct. 5	Oct. 3	Oct.11							J 3	-	-	-	D 6	J 3	D14	D 9	C 5					
S8611	18-20	18-20	Oct.13	Oct. 8	Oct.19							J 2	J 2	J 2	J 2	J 2	-	-	J 3	J 2	j 2	J 3			
S8612	10-11	61-63	-	Oct. 9	Oct. 9							J 3													
S8613	7-	8321-322	Oct.18	Oct.12	Oct.24							J 2	-	-	-	J 2	J 2	J 3	J 3	-	-	-	J 2	J 2	
S8614	7-20	238-257	Oct.23	Oct.17	Oct.30							J 2	F13	F24	-	-	-	H45	H52	H44	H37	F35	F26	E14	H 6
S8615	11-12	207-211	Oct.26	Oct.23	Oct.30								C 3	C 3	J 2	J 2	J 2	J 2	J 2	J 2	J 2				
S8616	3	162	Oct.29	Oct.25	Oct.30							J 2	J 2	J 2	J 2	J 2	J 2	J 2	J 2						
S8617	12	165-168	Oct.29	Oct.26	Oct.30								A 1	C 5	J 2	C 3	J 2								
S8618	13-14	192-196	-	Oct.29	Oct.29																				
S8619	16-17	125-127	-	Oct.30	Oct.30																				
S8620	15-16	101-104	Nov. 3	Oct.30	Nov. 5																				
S8621	2-	84-90	Nov. 4	Oct.30	Nov. 7																				
													J 3	-	-	-	D 4	J 2	J 2						
													J 2	-	-	-	C 3	D 4	D10	D10	D 5				

Heliographic			NOVEMBER 2014					
Group NO,	Latitude	Longitude	C.M. Passage	First Obs.	Last Obs.	E-Side	C.M.	W-Side
N8628	10-12	128-134	-	Nov. 3	Nov. 3			C 8
N8629	11-12	111-118	-	Nov. 3	Nov. 7			D10 D 7 D.5 J 2 J 2
N8630	6	95	Nov. 4	Nov. 3	Nov. 5		J 2 ..	A 1
N8631	5- 7	69-75	Nov. 5	Nov. 3	Nov. 7		D 5 J 2	J 2 A 2
N8632	2-18	8-16	Nov.10	Nov. 4	Nov.16	J 2 E10 E16 E21 - -	D19	D19 - - D13 J 4 J 2
N8633	7	291	-	Nov.11	Nov.11	A 1		
N8634	8- 9	1-5	-	Nov.14	Nov.15			D 6 J 2
N8635	17	297	-	Nov.14	Nov.15		J 2 J 2	
N8636	16-17	111-112	Nov.30	Nov.24	Dec. 5	J 2 - - J 2 J 2 J 2	J 2	- - J 2 - J 2
N8637	3- 6	155-164	-	Nov.27	Nov.30			D15 D14 E13 D10
N8638	3- 6	80-89	Dec. 2	Nov.27	Dec. 3	D 7 D 9 D10 D10 - -	- -	D 5
N8639	17	154	-	Nov.29	Nov.29			A 1
S8622	14	158	-	Nov. 4	Nov. 4			J 2
S8623	8	324	-	Nov.10	Nov.11	J 2 J 2		
S8624	10-12	305-312	Nov.15	Nov.10	Nov.16	J 3 C 6 - - D11	D 5 J 3	
S2825	14	165	Nov.18	Nov.14	Nov.18	J 2 J 2 J 2 -	A 1	
S8626	11-17	240-255	Nov.19	Nov.14	Nov.24	F 9 G10 G13 - G11	G12 - G15 G13 G11 F11	
S8627	8- 9	273-277	Nov.17	Nov.15	Nov.18	J 3 D 6	- A 1	
S8628	11	259	-	Nov.18	Nov.18	A 1		
S8629	10-15	224-228	-	Nov.18	Nov.19	D 6 B 7		
S8630	10-14	161-169	Nov.26	Nov.21	Nov.30	H10 D11 D13 D19 - -	- -	D 7 D 6 D 5 D 6
S8631	7	253	-	Nov.22	Nov.22			A 1
S8632	19	252-257	-	Nov.22	Nov.23			C 3 D 4
S8633	16-20	125-128	Nov.29	Nov.24	Dec. 3	C 6 - - D 9 D 5	J 2	J 2 - - D 5
S8634	24	97	-	Nov.27	Nov.27	J 2		
S8635	17-22	77-90	Dec. 2	Nov.27	Dec. 8	J 2 D11 E12 E19 - -	- -	E20 - E16 - H 5 H 5
S8636	15-16	111-112	-	Nov.29	Nov.29			A 1

TABLE OF SUNSPOT GROUPS

Group NO.	Heliographic		C.M. Passage	First Obs.	Last Obs.	DECEMBER 2014						C.M.	W-Side
	Latitude	Longitude				E-Side							
N8640	9-12	288-297	Dec.13	Dec. 8	Dec.13	D 4	D 6	D 9	-	-	C 5		
N8641	3- 5	311-318	Dec.12	Dec.10	Dec.15				C 3	-	-	D 7 D 5 J 2	
N8642	29-30	239-241	Dec.17	Dec.13	Dec.23	C 4	J 2	J 3	-	-	J 2 J 2	- J 3 J 2 J 2	
N8643	14-15	248-253	Dec.17	Dec.14	Dec.19			D 5	C 6	-	-	J 3 D 7	
N8644	10	218	Dec.19	Dec.14	Dec.22	J 2	J 2	-	-	J 2	J 2	- J 2 J 2	
N8645	16-17	107-108	Dec.27	Dec.22	Jan. 2	J 2	J 2	J 2	J 2	J 2	J 2	J 2 - J 2 J 2 - J 2	
N8646	7- 9	119-124	-	Dec.23	Dec.24			C 4	A 2				
N8647	8	145	-	Dec.26	Dec.30							J 2 .. A 1 - J 2	
S8637	18-20	106-110	-	Dec. 3	Dec. 3							D 8	
S8638	3- 5	354- 4	Dec. 8	Dec. 3	Dec.14	J 2	-	J 2	-	D 8	D10	D 6 D 5 - - J 2 J 2	
S8639	13-15	316-322	Dec.11	Dec. 9	Dec.15			D 7	D14	-	-	D15 D 7 C 7	
S8640	5- 8	264-267	Dec.15	Dec.10	Dec.21	J 2	-	-	J 3	J 2	C 3	- - J 3 J 4 - J 3	
S8641	12-13	249-250	Dec.17	Dec.13	Dec.19	D 4	C 3	J 2	-	-	J 2	A 1	
S8642	14-21	232-248	Dec.17	Dec.14	Dec.24			J 2	D12	-	-	E38 E40 - E26 E13 E 9 J 2	
S8643	8-11	210-222	Dec.19	Dec.14	Dec.25	J 2	D 7	-	-	E29	E20	- E26 E16 D 5 J 2 J 2	
S8644	2- 5	152-159	Dec.24	Dec.21	Dec.27			D 8	D 7	D 7	D 9	D 5 .. A 1	
S8645	24	97	Dec.28	Dec.23	Dec.28	J 2	J 2	J 2	J 2	J 2	A 2		
S8646	18-20	79-85	Dec.29	Dec.24	Jan. 4	J 2	J 2	J 2	D 6	C 5	-	J 2 J 2 - J 2 J 2 J 2	
S8647	10-13	160-170	-	Dec,25	Dec.28							D 7 D 8 D14 D 7	
S8648	18-19	26-27	Jan. 2	Dec.28	Jan. 5	J 2	-	J 2	J 3	-	J 2	J 2 J 2 J 2	
S8649	11-15	42-50	Jan. 1	Dec.30	Jan. 7				D12	D 6	-	D 7 D 5 C 5 D 4 - J 2	
S8650	4- 8	10-356	Jan. 4	Dec.31	Jan. 9	D 9	-	E22	E21	E24	E23	- G19 G14 C 5	