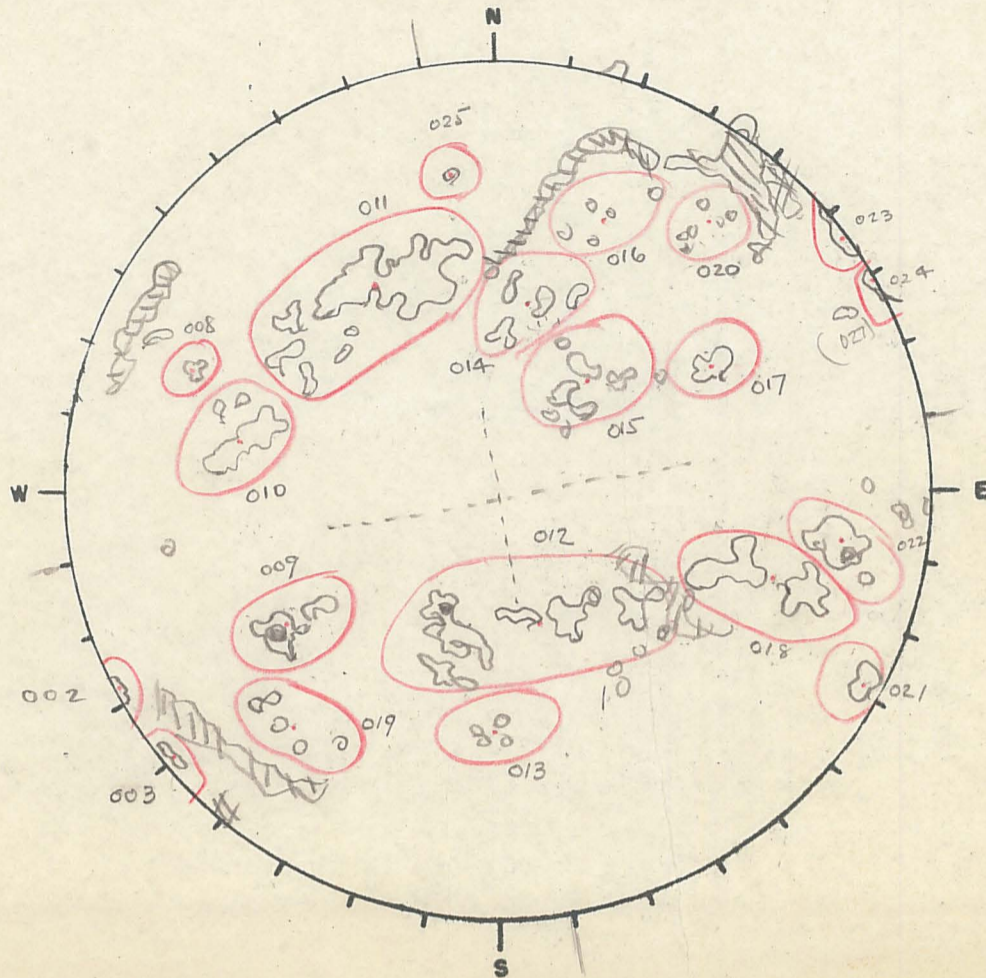


MCMATH-HULBERT OBSERVATORY
 UNIVERSITY OF MICHIGAN
 LAKE ANGELUS, ROUTE 4
 PONTIAC, MICHIGAN

REPORT NUMBER 3470
 DATE 1957 June 15^d 13^h 20^m UT
 OBSERVER Olson



OBSERVATION QUALITY Good
 WAVE LENGTH K₂₃₂ 3933.7 Å

4-2-4-4-4-1-1

CRPL

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	<i>cut</i>	PROMINENCE NUMBER	ACTIVITY	LATITUDE	LMB	AREA
002	1	S17	W85	3000	(1500)	1	15		900		
003	1	S30	W80	2000	(200)	2	24		1400		
008	1	N24	W45	700	(900)	1	4		210		
009	1	S12	W34	1500	OK	2	30		1050		
010	1	N13	W36	2000	OK	2.5	50		1700		
011	1	N31	W14	9000	(1200)	3.5	25 2		10,350		
012	1	S17	E03	5000	(7000)	2.5	100		4250		
013	1	S32	W08	500	OK	1.5	8		250		
014	1	N25	E08	1500	OK	2.5	37		1275		
015	1	N14	E14	2000	OK	2	40		1400		
016	1	N35	E25	500	OK	1	5		150		
017	1	N13	E33	1000	(1400)	2.5	35		850		
018	1	S17	E38	5000	(3600)	3	108		5000		
019	1	S26	W40	800	OK	1	8		240		
020	1	N33	E45	1600	(500)	1.5	8		500		
021	2	S35	E69	5000	(2000)	4	80		6500		
022	1	S19	E53	4000	(2800)	3	80	Part of 018 yesterday	4000		
023	2	N25	E86	4000	(2500)	3	75		4000		
024	1	N19	E85	2000	(1500)	3	45		2000		
025	1	N48	E01	300	OK	2	6		210		
					37700		1014				
									46230		

Part of 018 yesterday

Region 021 S35 E69 activity two repeated brightenings
 Region 023 N25 E85 activity two repeated brightenings + surges