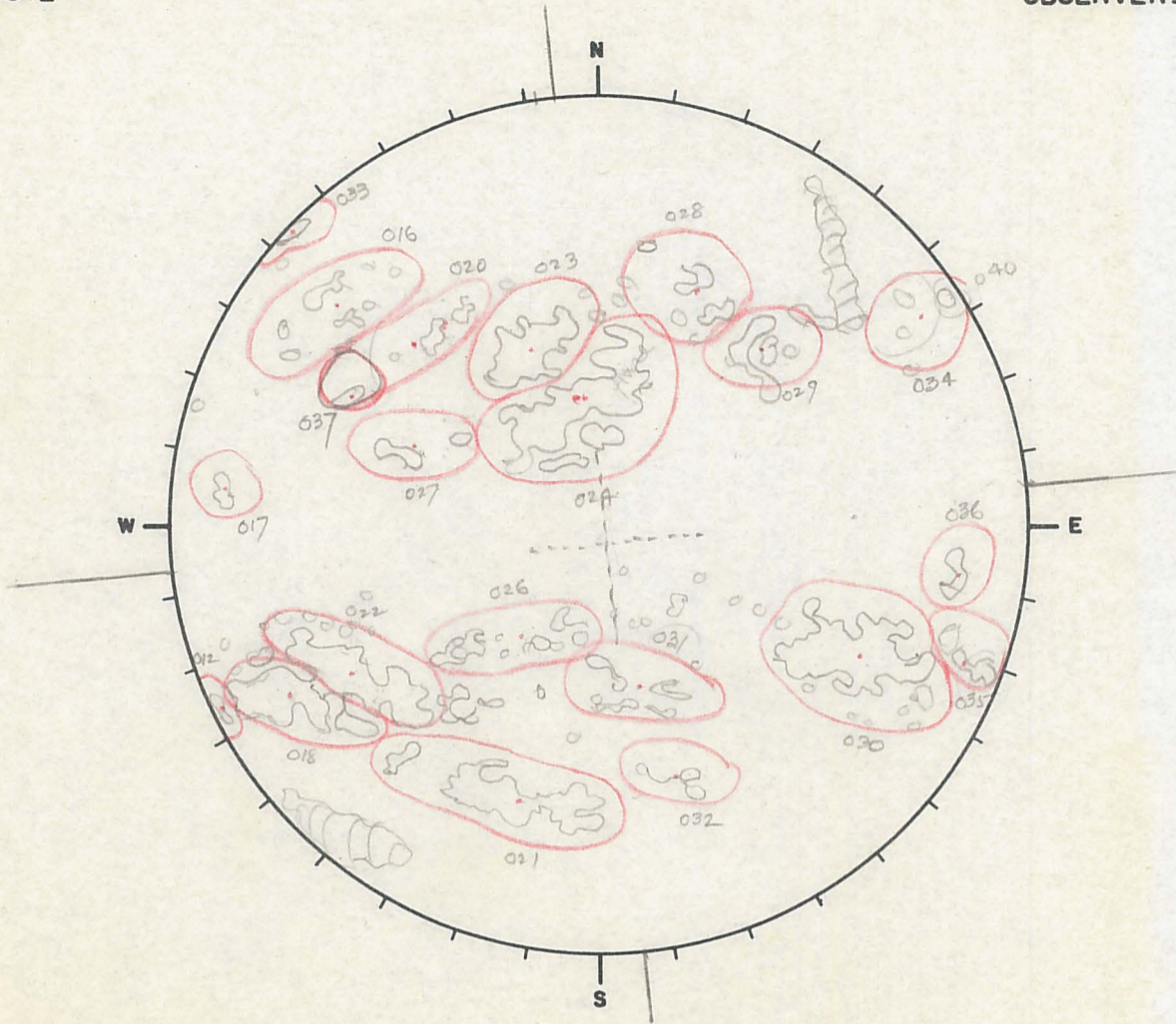


MC MATH - HULBERT OBSERVATORY
 UNIVERSITY OF MICHIGAN
 LAKE ANGELUS, ROUTE 4
 PONTIAC, MICHIGAN

REPORT NUMBER 3477
 DATE 1957 June 22^d 12^h 35^m UT
 OBSERVER Olson



OBSERVATION QUALITY Good
 WAVE LENGTH K₂₃₂ 3933.7 Å

GRPL

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	cut	PROMINENCE NUMBER	6-4-1-4-4-2		
								ACTIVITY	LATITUDE	AREA
012	1	S19	W80	2000 ^x	(1500)	1	15	600		
016	1	N37	W43	1000 ^x	(500)	1	5	300		
017	1	N11	W61	1500 ^x	(700)	1	7	450		
018	1	S17	W53	6000 ^x	(5000)	2.5	125	5100		
020	1	N31	W22	500 ^{ok}		1	5	150		
021	1	S35	W18	7000 ^x	(5000)	3	150	7000		
022	1	S14	W39	6000 ^x	(4500)	2.5	11.2	5100		
023	1	N27	W07	4500 ^x	(3200)	3	96	4500		
024	2	N19	W01	8000 ^x	(6000)	3.5	210	9200		
026	1	S11	W12	1200 ^{ok}		1.5	18	600		
027	1	N15	W25	1600 ^x	(700)	2	19	700		
028	1	N34	E20	2000 ^x	(1700)	3	42	2000		
029	1	N24	E28	200 ^{ok}	(1600)	2.5	40	1700		
030	2	S19	W38	9000 ^x	(7500)	3.5	262	10,350		
031	1	S20	E04	800 ^{ok}		1.5	12	400		
032	1	S34	E08	700 ^{ok}		1.0	7	210		
033	2	N48	W75	2500 ^x	(1200)	3	36	2500		
034	1	N25	E61	2000 ^x	(1000)	1.5	15	1000		
035	1	S23	E63	3000 ^x	(2000)	1	20	900		
036	1	S10	E58	1500	(800)	1.5	12	750		
037	1	N21	W36	500		2.5	12	425		
					46300		1215			
								53935		

Region 024 activity 2 Flare importance 1 N15 E07 1321 UT

Region 030 activity 2 Active dark filaments - 100% white - S19 W38 1415 UT