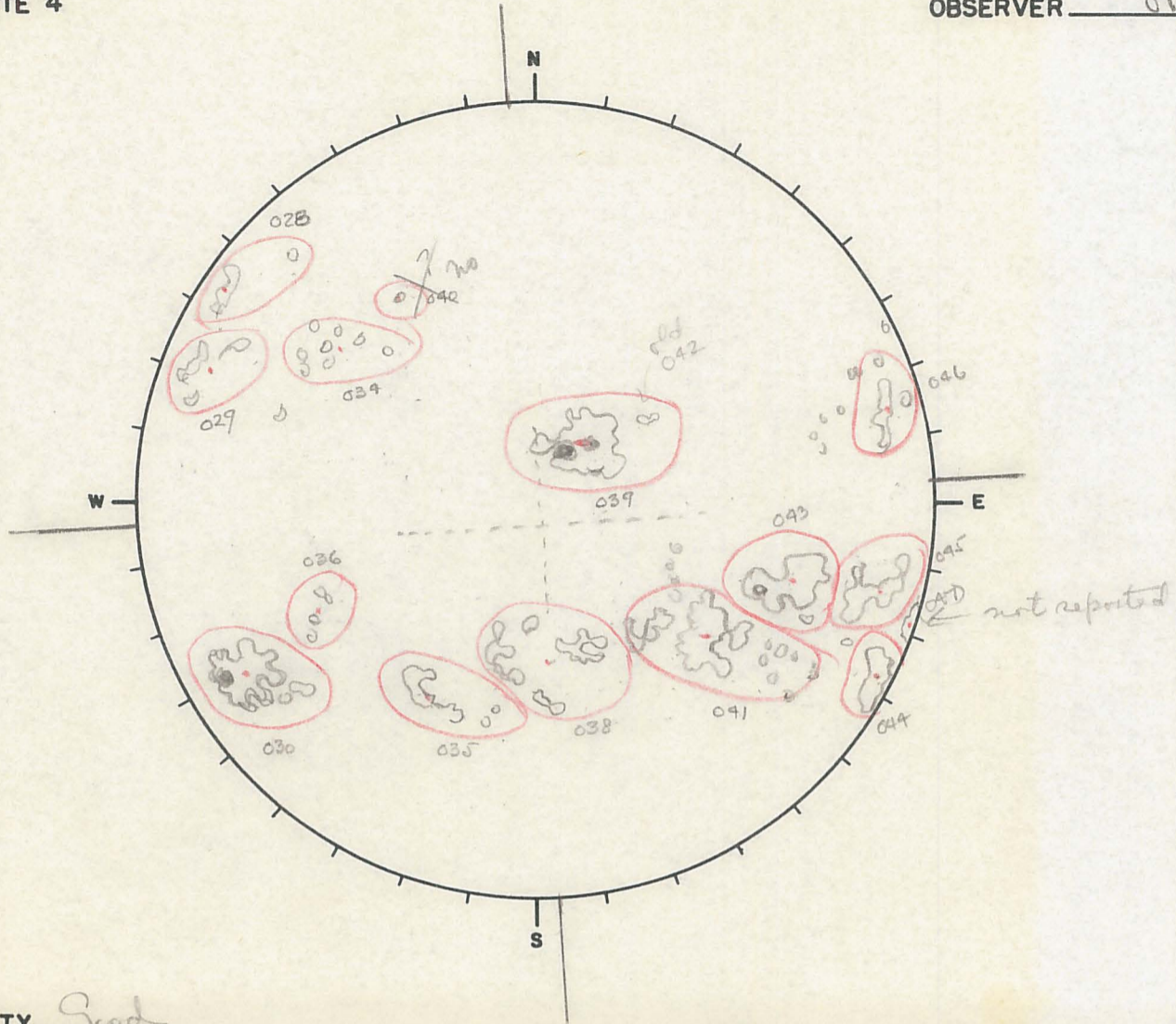


MC MATH - HULBERT OBSERVATORY  
 UNIVERSITY OF MICHIGAN  
 LAKE ANGELUS, ROUTE 4  
 PONTIAC, MICHIGAN

REPORT NUMBER 3482  
 DATE 1957 June 29 <sup>12 55m</sup> UT  
 OBSERVER Olson



OBSERVATION QUALITY Good  
 WAVE LENGTH  $K_{232}$  3933.7 Å

GRPL

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	Prominence	PROMINENCE				
							NUMBER	ACTIVITY	LATITUDE	AREA	
4 028	1	N35	W71	400 <sup>x</sup>	(2000)	1.5	30				
029	1	N24	W63	2000 <sup>x</sup>	(1000)	1.5	15				
030	1	S20	W55	7000 <sup>x</sup>	(3500)	3.5	122	105			
034	1	N27	W33	1000 <sup>x</sup>	(600)	1.5	9				
035	1	S24	W20	2000 <sup>x</sup>	(1000)	2	20				
036	1	S11	W36	500 <sup>ok</sup>		1	5				
038	1	S20	W01	2000 <sup>ok</sup>		2	40				
039	2	N12	E07	4000 <sup>x</sup>	(3200)	4	128				
040	1	N38	W23	100		1	1				
041	1	S17	E25	5000 <sup>x</sup>	(4000)	3	120				
043	1	S10	E39	5000 <sup>x</sup>	(3600)	4	144				
044	2	S26	E68	4000 <sup>ok</sup>		3	120				
045	1	S14	E60	6000 <sup>x</sup>	(3000)	2.5	75				
046	1	N12	E66	3000 <sup>x</sup>	(1600)	3	48		43,330		
							277				

Region 039 activity 2 flare importance 1 N12 E07 1408 UT  
 Region 044 activity 2 subflares importance 1- S26 E68 1345 and 1450 UT