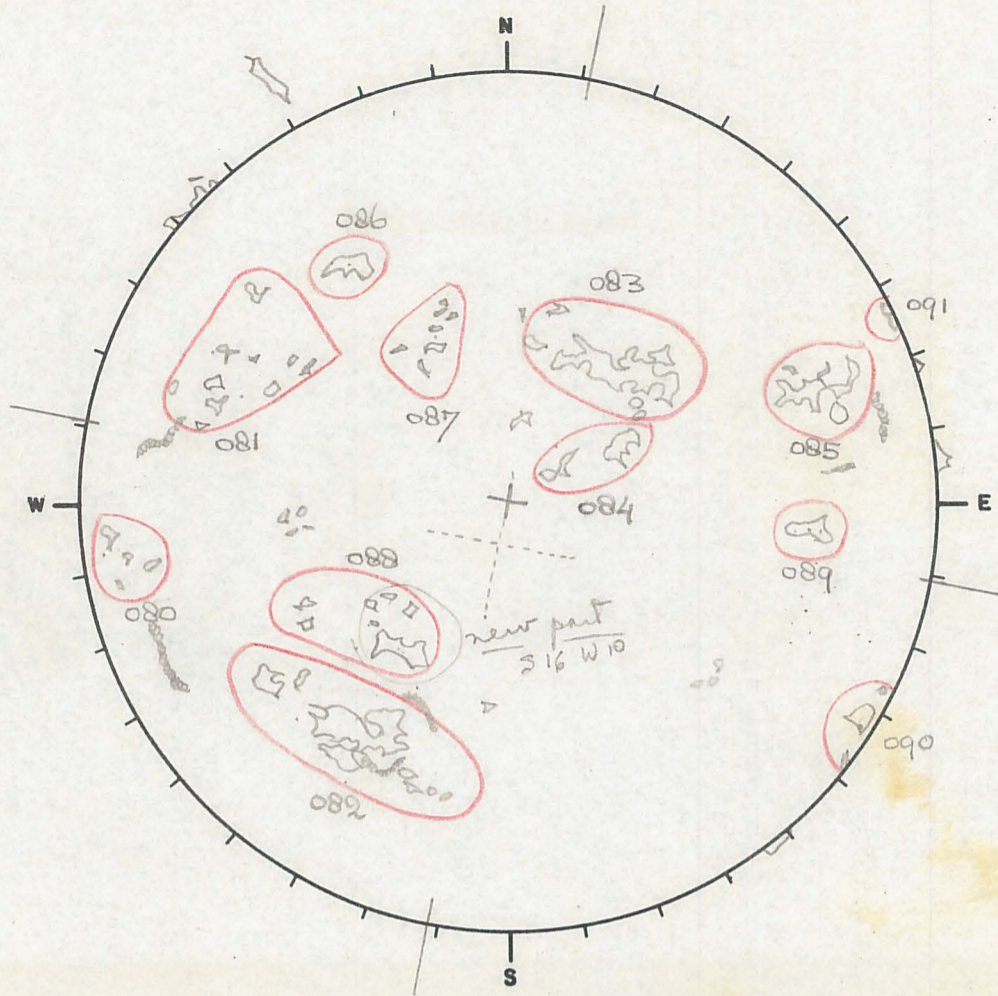


MC MATH - HULBERT OBSERVATORY  
 UNIVERSITY OF MICHIGAN  
 LAKE ANGELUS, ROUTE 4  
 PONTIAC, MICHIGAN

REPORT NUMBER 3513  
 DATE 1957 Aug. 3<sup>D</sup> 12<sup>H</sup> 00<sup>M</sup> UT  
 OBSERVER DEBARDER



OBSERVATION QUALITY FAIR

GRPL

WAVE LENGTH K<sub>232</sub> 3933.7 Å

1-3-2-1-2-2

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	INT.	PROMINENCE NUMBER	ACTIVITY	LATITUDE	LIMB	AREA
080	1	S 14	W 63	1800	(1000)	1.5	15				
081	1	N 15	W 42	1700	(1400)	1.5	21				
082	2	S 30	W 90	6200	(4000)	3.5	140				
083	2	N 27	E 10	5000	(3000)	3	90				
084	1	N 14	E 10	1900	(800)	2	16				
085	1	N 27	E 46	4000	(2000)	2.5	50				
086	1	N 33	W 34	1500	(700)	3	21				
087	1	N 25	W 16	0700		1.5	10				
088	2	S 13	W 18	1500	(1000)	2	20				
089	1	N 08	E 46	1900	(800)	3.5	28				
090	1	S 20	E 78	3000	(1500)	2	30				
091	1	N 37	E 85	1000	(500)	1	25			24,800	
					17,400		446				

REGIONS 082-083-088 ACTIVITY 2, OBSERVED SURFACES AND DARK FLOCCULI BETWEEN 1140 AND 1320 UT.

28,800