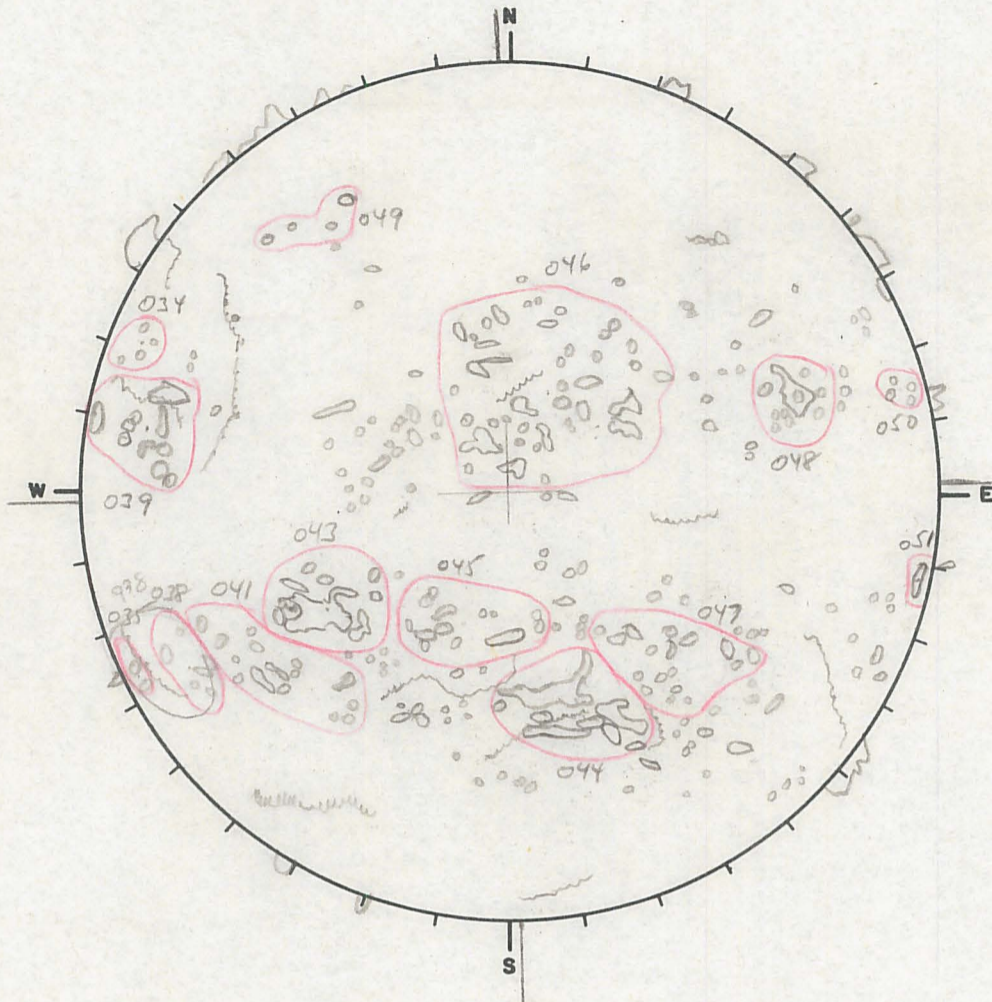


MC MATH - HULBERT OBSERVATORY
 UNIVERSITY OF MICHIGAN
 LAKE ANGELUS, ROUTE 4
 PONTIAC, MICHIGAN

REPORT NUMBER 3487
 DATE 1957 JULY 4th 11:30^{am} UT
 OBSERVER BENNETT



-1.44

OBSERVATION QUALITY G-000

GRPL

WAVE LENGTH K₂₃₂ 3933.7 Å

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	INT.	PROMINENCE NUMBER	ACTIVITY	LATITUDE	LIMB	AREA	210 35
4034	1	N22	W69	0500	(400)	1.5	4					
035		S23	W76	1200	(600)	1.5	6					
038	1	S21	W66	2700	(1400)	1.5	14					
039	1	N11	W60	5500	(4000)	3.5	120					
041	1	S21	W37	4000	(3000)	2.5	75					
043	1	S12	W27	5500	(3600)	3.5	108					
044	2	S26	E09	7000	(5600)	3.5	196					
045	1	S14	W07	3000	(2000)	2.5	50					
046	2	N17	E06	5000 ^{pk}		3.5	150					
047	1	S18	E23	3000	(2000)	2.5	40					
048	1	N13	E45	3000	(2000)	3.5	70					
049	1	N41	W37	0600	(300)	1.5	4					
050	1	N13	E71	1000	(400)	1.5	6					
051	1	S12	E79	2000	(1000)	3.5	30					
					51300		873					

Region 044 activity 2 flare importance 1 S26 E09 1200 -1225 UT MAX 1210 UT
 Activity in adjacent filament 1214 UT

Region 046 activity 2 flare importance 1 W69 N17 1430 to 1510 UT

43.100

76
56