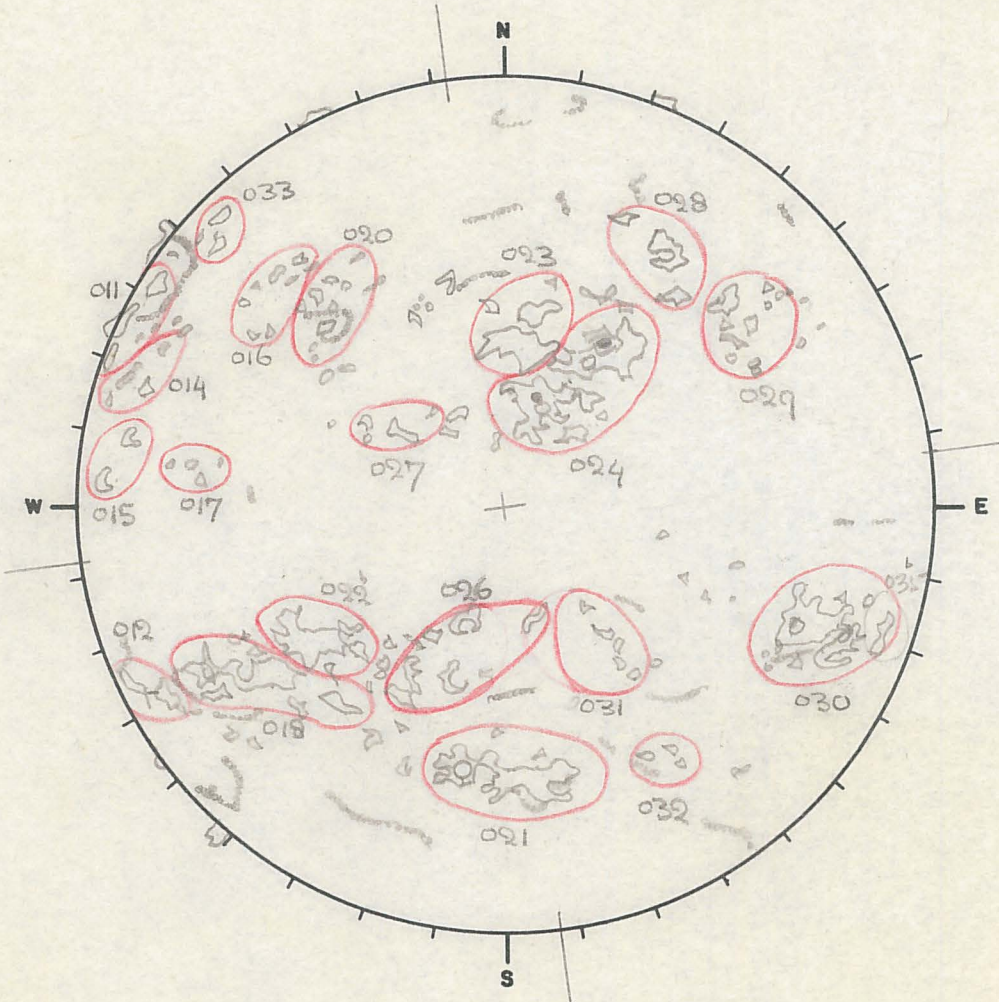


MC MATH - HULBERT OBSERVATORY
 UNIVERSITY OF MICHIGAN
 LAKE ANGELUS, ROUTE 4
 PONTIAC, MICHIGAN

REPORT NUMBER 3476
 DATE 1957 JUNE 21st 12⁴⁰ UT
 OBSERVER BONNETT

-7.31



OBSERVATION QUALITY GOOD

GRPL

WAVE LENGTH K_{232} 3933.7 Å

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	INT.	PROMINENCE NUMBER	PROMINENCE ACTIVITY				LIMB	AREA
								8	2	1	3		
011	1	N 30	W 76	8000 ^x	(4000)	2	80					5600	
012	1	S 18	W 68	9400 ^x	(1800)	1	18					720	
014	1	N 24	W 61	1000	ok	1	10					300	
015	1	N 13	W 63	1000	ok	1	10					300	
016	1	N 32	W 33	0500	ok	1	5					150	
017	1	N 11	W 44	0500	ok	1	5					150	
018	1	S 18	W 38	3200	ok	2.5	80					2720	
020	1	N 29	W 25	0500	ok	1	5					150	
021	3	S 35	W 04	5000 ^x	(3600)	3	108					5000	
022	1	S 15	W 26	3500 ^x	(3000)	3	90					3500	
023	1	N 24	E 06	3700	(2500)	3	75					3700	
024	2	N 17	E 12	8600	(6000)	3.5	210					9890	
026	1	S 17	W 03	1000	ok	1.5	15					500	
027	1	N 14	W 11	0400	ok	1.5	6					200	
028	1	N 27	E 33	1700 ^x	(1000)	3	30					1700	
029	1	N 22	E 43	3000 ^x	(1400)	2.5	35					2550	
030	1	S 20	E 52	8500 ^x	(4000)	3.5	140					9775	
031	1	S 17	E 15	0800	ok	1	8					240	
032	1	S 36	E 23	0700	ok	1	7					210	
033	1	N 46	W 57	1700	(800)	2.5	20					1445	
					37700		957					48800	
REGION	021	ACTIVITY	THREE	FLARE	IMP.	1	1410 UT	S 36	W 05				
						"	1-	1543 UT	"	"			
						"	1+	1610-1630 UT	"	"			
"	024	"	TWO	"	"	1	1440 UT	N 15	E 05				
						"	1-	1530 UT	"	"			