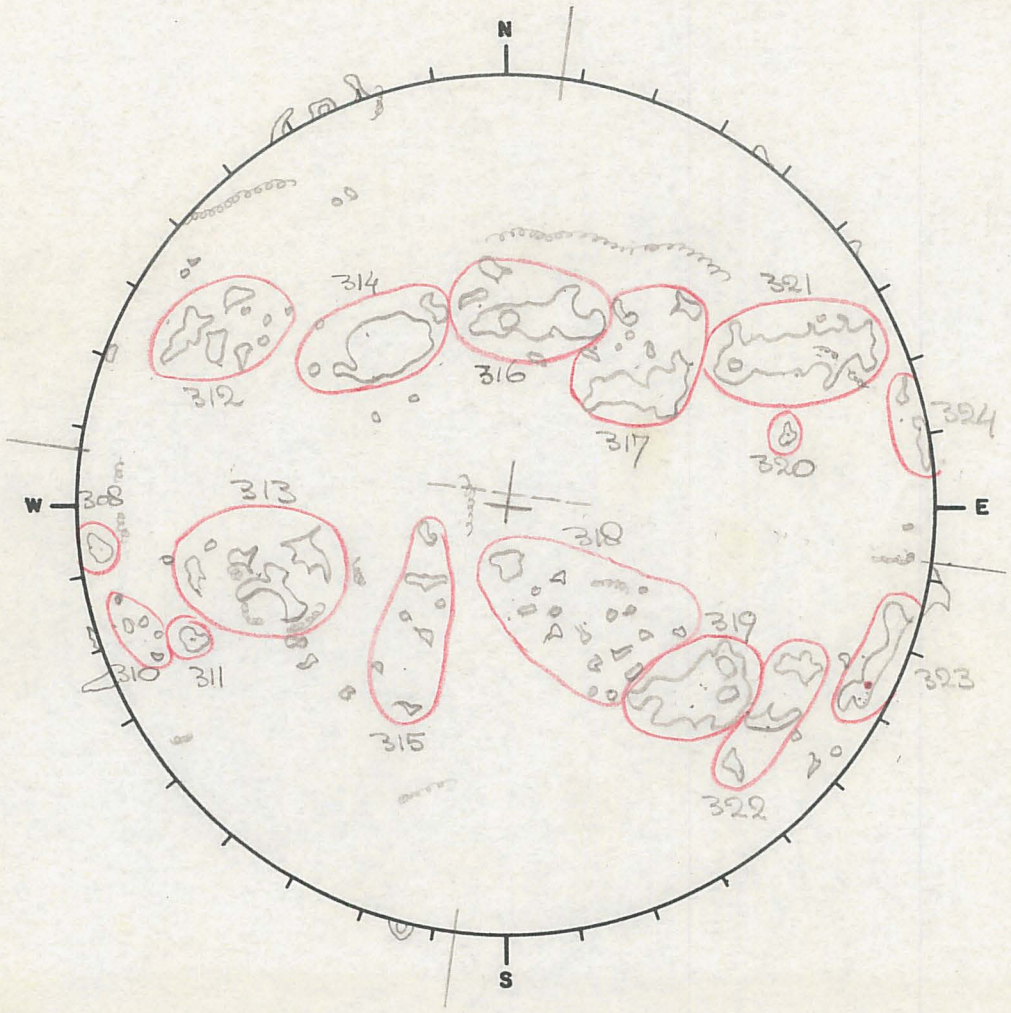
Mc MATH - HULBERT OBSERVATORY
UNIVERSITY OF MICHIGAN
LAKE ANGELUS, ROUTE 4
PONTIAC, MICHIGAN

REPORT NUMBER 3609
DATE 1957 DEC. 21 D 16 H 00 M UT
OBSERVER DEKADDER

+ 7.54



OBSERVATION QUALITY Good

GRPL

WAVE LENGTH K_{232} 3933.7 Å

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	AREA	FACULOUS SPOT AREA	INT.		PROMINENCE NUMBER	ACTIVITY	LATITUDE	LIMB	AREA
308	1	S 13	W 73	3000		2						
310	1	S 23	W 62	1100		1						
311	1	S 24	W 49	1000		2						
312	1	N 18	W 46	4000		2						
313	1	S 14	W 35	4500		2.5						
314	1	N 18	W 21	5700		3.5						
315	1	S 17	W 12	1200		1.5						
316	1	N 24	W 00	4700		3						
317	1	N 21	E 16	5000		3						
318	1	S 16	E 13	2500		2						
319	1	S 22	E 32	8000		2.5						
320	1	N 13	E 41	0500		1						
321	1	N 26	E 43	12000		3						
322	1	S 25	E 49	4000		2						
323	2	S 14	E 70	13000		3.5						
324	1	N 18	E 80	3500		1.5						

OBSERVED FLARE IMP. 1 IN REGION 323 S 18 E 70
1603 - 1607 UT.

66,810

73,700