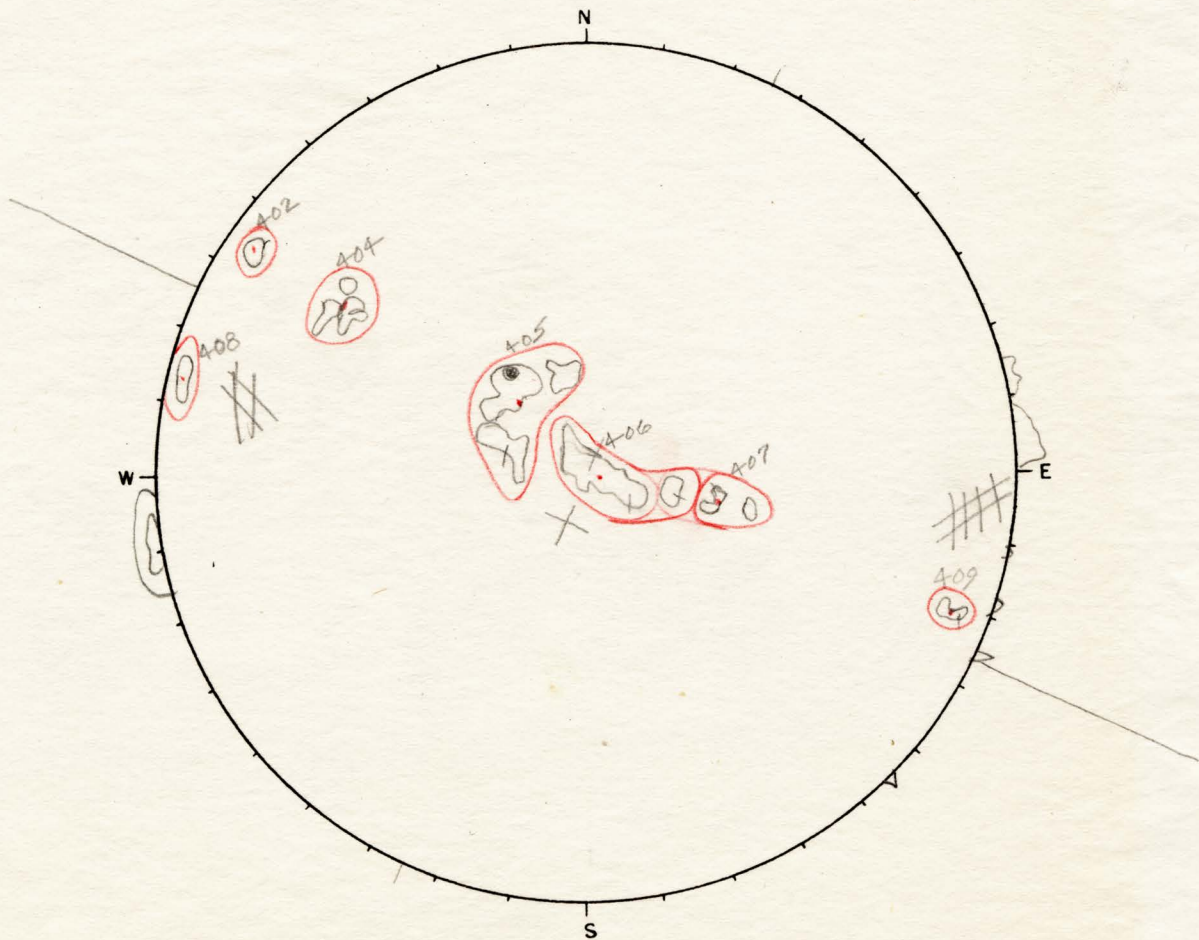


McMATH-HULBERT OBSERVATORY
UNIVERSITY OF MICHIGAN
LAKE ANGELUS, ROUTE 4
PONTIAC, MICHIGAN

REPORT NUMBER 2127
DATE 1951 SEPT. 23 ^d 15^h00^m UT
OBSERVER BRODIE



OBSERVATION QUALITY Good
WAVE LENGTH K₂₃₂ 3933.7 Å

CRPL

WAVE LENGTH		K 232 5555.7 A		Plan.									
AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	INTENSITY	PROMINENCE NUMBER	ACTIVITY	LATITUDE	LIMB	AREA		
402	1	N10	W72	2000		2	640						
404	2	N12	W45	1800		4	1920						
405	2	N12	W13	2300		3.5-7	7040	(5760 + 1280)					
406	2	N08	E02	2200		4	5760	(640 + 5120)					
407	1	N11	E18	0300		2	800						
408	1	S10	W77	2000		4	640						
409	1	N07	E67	0900		2.5-5	640						
						Total 17 440							
AREA 404 ACTIVITY TWO FLARE IMPORTANCE TWO N12 W45 2045 U.T.													
AREA 405 INTENSITY THREE POINT FIVE													
AREA 406 ACTIVITY TWO ACTIVE DARK FLOCCULI N16 W18 PLUS AND MINUS 45 KMS AT 1545 U.T. N09 W15 PLUS AND MINUS 60 KMS AT 1615 U.T.													
AREA 406 ACTIVITY TWO FLARE IMPORTANCE ONE N08 E02 1635 U.T. FLARE IMPORTANCE ONE PLUS N08 E02 1852 U.T. EXTENSIVE FILAMENT SOUTH OF AREA HAS REMAINED ACTIVE ALL DAY HIGH RADIAL VELOCITY PLUS AND MINUS 60 KMS													
AREA 408 HAS REMAINED BRIGHT NEAR WEST LIMB THROUGHOUT DAY													
AREA 409 INTENSITY TWO POINT FIVE													

Total 11500
60 6600
45 6600