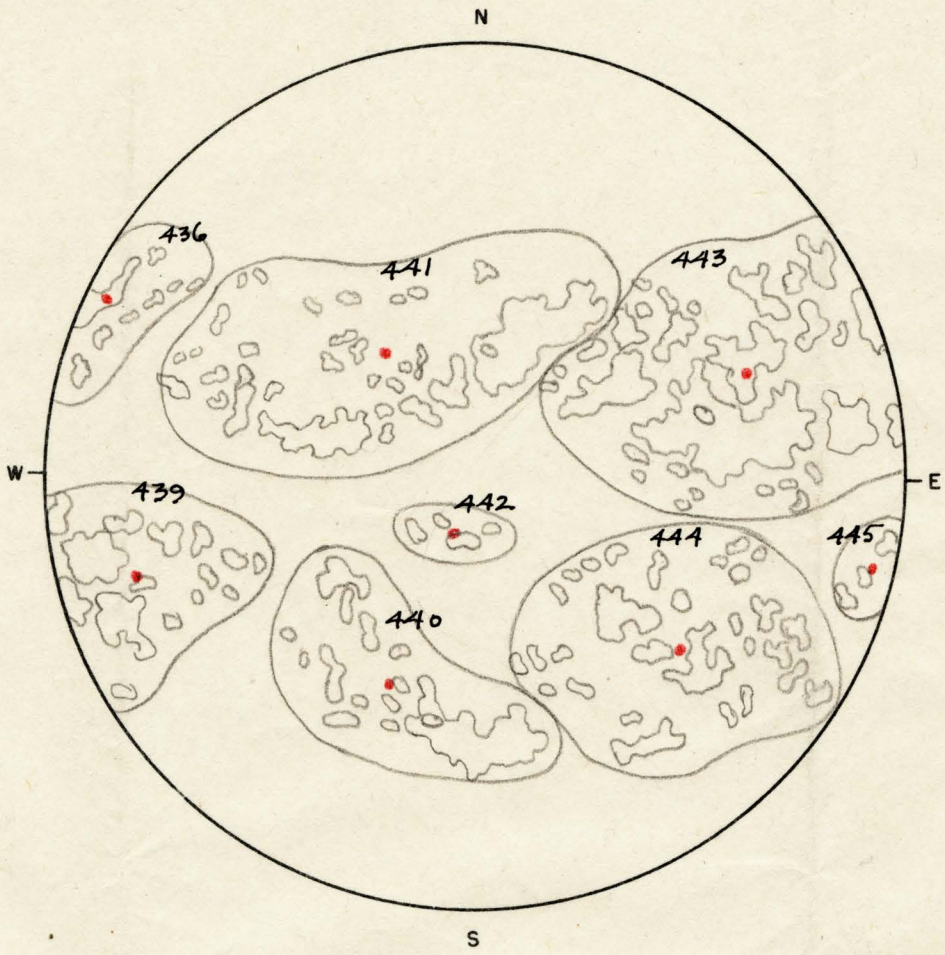
McMATH-HULBERT OBSERVATORY
UNIVERSITY OF MICHIGAN
LAKE ANGELUS, ROUTE 4
PONTIAC, MICHIGAN

REPORT NUMBER 1457
DATE 1947 JULY 15d 14h 30m U.T.
OBSERVER HEDEMAN

JUL 21 1947

7/22/47

$L_0 = 208°$



JUL 21 1947

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OBSERVATION QUALITY POOR
WAVE LENGTH 3933.7 K232

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	INTENSITY
436	0	N 23	W 75	230 00	—	2
439	0	S 14	W 53	552 00	600	2
440	0	S 26	W 10	123 00	800	3
441	0	N 20	W 14	160 00	900	4
442	0	S 04	W 02	6 00	—	1
443	0	N 20	E 42	707 00	3100	4
444	0	S 18	E 33	175 00	280	3
445	0	S 07	E 75	120 00	—	4
			SPOTS			
439		S 11	W 70		600	
440		S 32	W 04		800	
441		N 11	W 36		20	
441		N 09	W 24		20	
441		N 15	W 06		10	
441		N 24	E 10		850	
443		N 13	E 32		1300	
443		N 13	E 46		300	
443		N 11	E 65		1400	
444		S 34	E 35		160	
444		S 20	E 49		25	
444		S 19	E 35		15	
444		S 24	E 57		80	

PROMINENCE NUMBER	ACTIVITY	LATITUDE	LIMB	AREA

(NO ACTIVITY OF AREAS OBSERVED, DUE TO INCREASING CLOUDINESS)