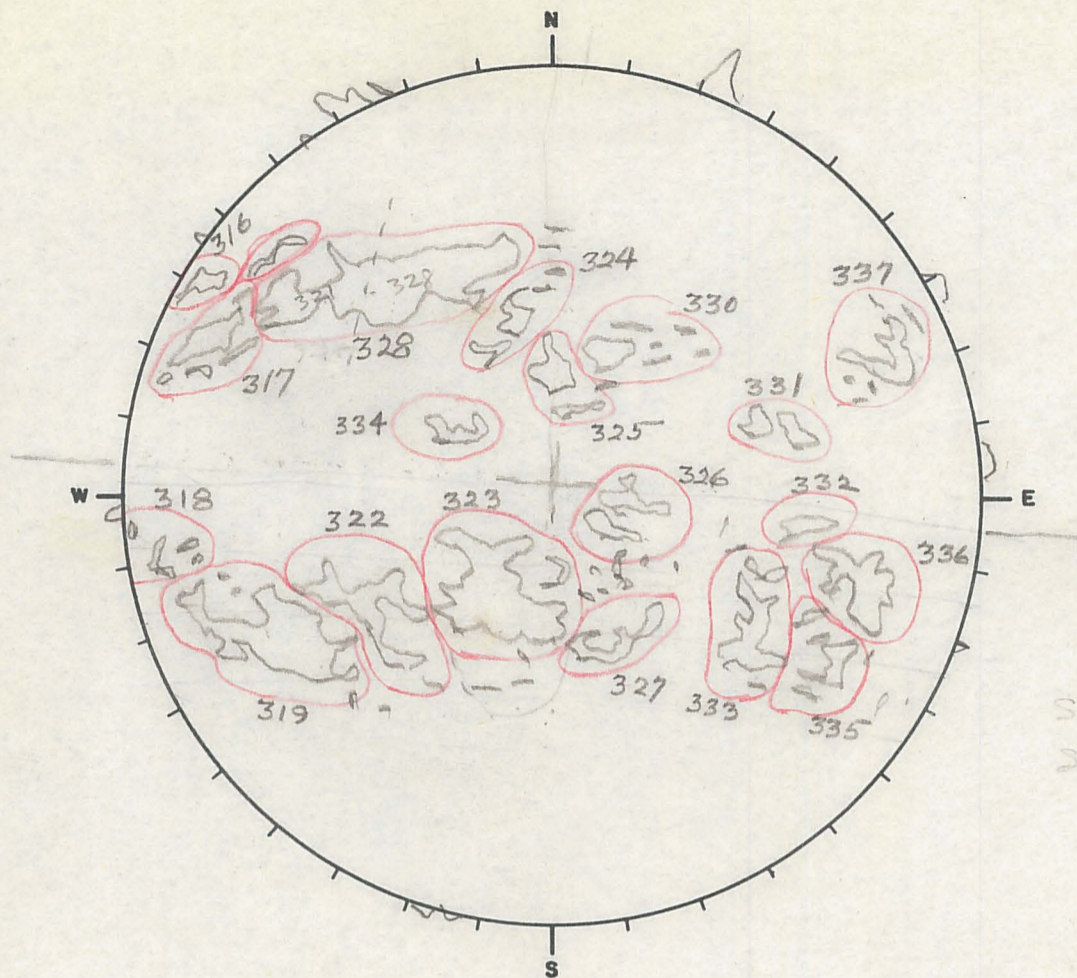


MC MATH - HULBERT OBSERVATORY  
 UNIVERSITY OF MICHIGAN  
 LAKE ANGELUS, ROUTE 4  
 PONTIAC, MICHIGAN

REPORT NUMBER 3613  
 DATE 1957 DEC. 27 9<sup>h</sup> 30<sup>m</sup> UT  
 OBSERVER OLSON



OBSERVATION QUALITY FAIR  
 WAVE LENGTH K<sub>232</sub> 3933.7 Å

GRPL

AREA NUMBER	ACTIVITY	LATITUDE	MERIDIAN DISTANCE	FACULOUS AREA	SPOT AREA	INT.	PROMINENCE NUMBER	ACTIVITY	LATITUDE	LIMB	AREA
316	1	N24	W75	4500		2					
317	1	N20	W60	6000		2.5					
318	1	S12	W70	4000		2					
319	1	S22	W45	13000		3					
322	1	S21	W26	2800		2.5					
323	1	S14	W09	6500		2.5					
324	1	N22	W09	1300		2					
325	1	N14	W02	1500		1.5					
326	1	S04	E10	1300		3					
327	1	S20	E08	1000		2.5					
328	1	N25	W30	16000		3					
330	1	N18	E10	2100		2					
331	1	N10	E30	1500		2.5					
332	1	S03	E36	900		2.5					
333	1	S18	E30	3800		2.5					
334	1	N05	W14	800		2.5					
335	1	S20	E45	2200		2.5					
336	1	S10	E50	5000		3					
337	1	N22	E60	4000		3					
Note	Regions	321	is new part of 328				70,055				

178,200

20,000  
 80,000  
 1,000,000