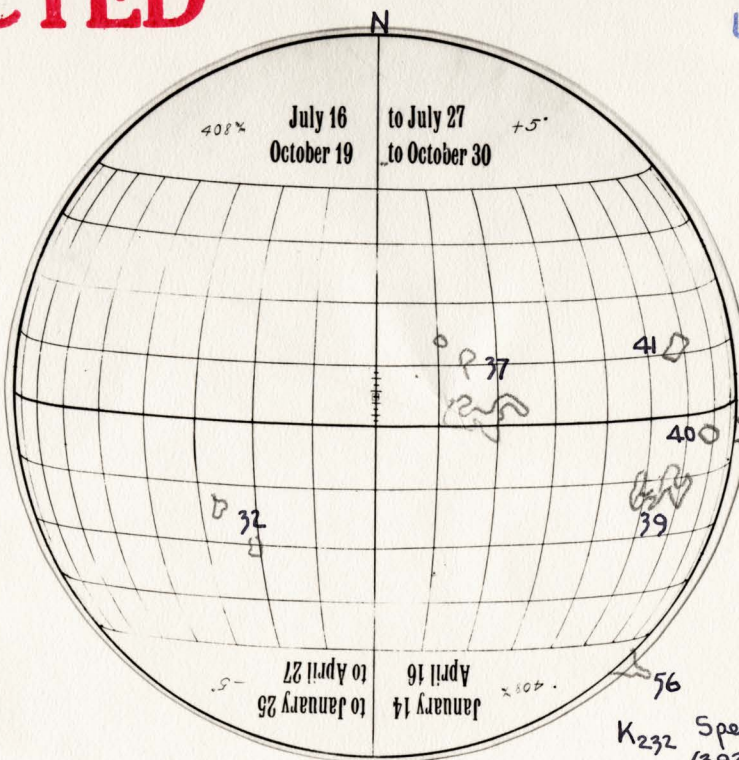


RESTRICTED

THE McMATH - HULBERT OBSERVATORY  
OF THE  
UNIVERSITY OF MICHIGAN  
LAKE ANGELUS  
PONTIAC, MICHIGAN



85 MAY LMTD

DEPT. TERRESTRIAL MAGNETISM

REC'D JUL 28 1942

ANSW'D

E 58

K<sub>232</sub> Spectroheliogram  
(3933.7)

12:23 EWT\*

Date 1942 July 26 Chart Serial No. 33

| Spot Area Number | Latitude      | Meridian Distance | Activity      | Increase      | Decrease      |
|------------------|---------------|-------------------|---------------|---------------|---------------|
| <u>32</u>        | <u>S17</u>    | <u>W24</u>        | <u>1</u>      | <u>      </u> | <u>      </u> |
| <u>37</u>        | <u>N4</u>     | <u>E16</u>        | <u>1</u>      | <u>      </u> | <u>      </u> |
| <u>39</u>        | <u>S13</u>    | <u>E56</u>        | <u>1</u>      | <u>      </u> | <u>      </u> |
| <u>40</u>        | <u>S3</u>     | <u>E68</u>        | <u>1</u>      | <u>      </u> | <u>      </u> |
| <u>41</u>        | <u>N11</u>    | <u>E58</u>        | <u>1</u>      | <u>      </u> | <u>      </u> |
| <u>      </u>    | <u>      </u> | <u>      </u>     | <u>      </u> | <u>      </u> | <u>      </u> |
| <u>      </u>    | <u>      </u> | <u>      </u>     | <u>      </u> | <u>      </u> | <u>      </u> |

| Prominence Number | Limb          | Latitude      | Activity      | Increase      | Decrease      |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| <u>56</u>         | <u>E</u>      | <u>S48</u>    | <u>2</u>      | <u>      </u> | <u>      </u> |
| <u>58</u>         | <u>E</u>      | <u>S4</u>     | <u>1</u>      | <u>      </u> | <u>      </u> |
| <u>      </u>     | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> |
| <u>      </u>     | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> |
| <u>      </u>     | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> |
| <u>      </u>     | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> |
| <u>      </u>     | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> |

L<sub>0</sub> = 42.6