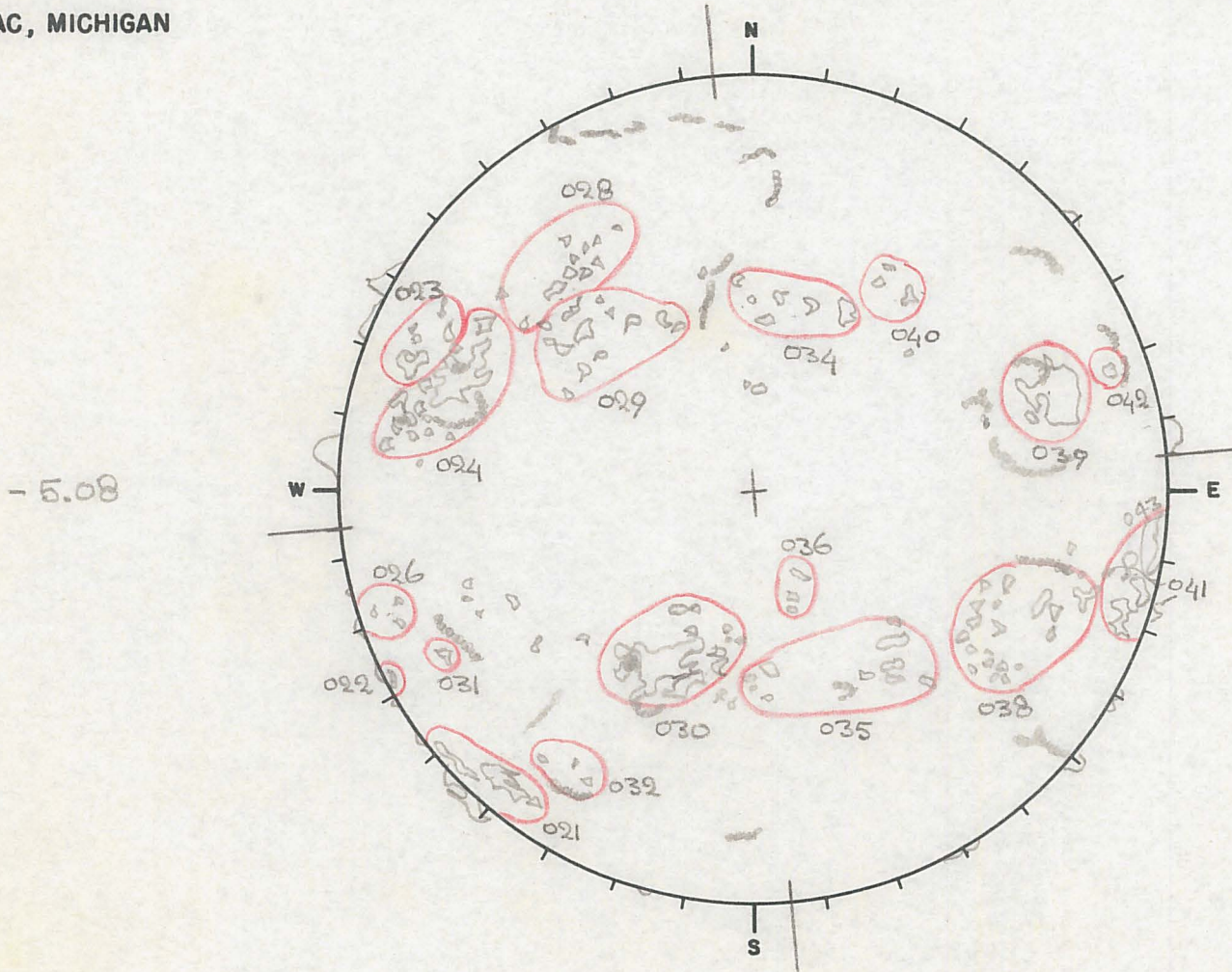


MC MATH - HULBERT OBSERVATORY  
 UNIVERSITY OF MICHIGAN  
 LAKE ANGELUS, ROUTE 4  
 PONTIAC, MICHIGAN

REPORT NUMBER 3481  
 DATE 1957 JUNE 26<sup>D</sup> 11<sup>H</sup> 50<sup>M</sup> UT  
 OBSERVER BENNETT



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

GRPL

| AREA NUMBER | ACTIVITY | LATITUDE | MERIDIAN DISTANCE | FACULOUS AREA     | SPOT AREA     | INT. | PROMINENCE NUMBER | 6-2-3-1-3-2-1 |          |      |      |  |
|-------------|----------|----------|-------------------|-------------------|---------------|------|-------------------|---------------|----------|------|------|--|
|             |          |          |                   |                   |               |      |                   | ACTIVITY      | LATITUDE | LIMB | AREA |  |
| 021         | 1        | S 37     | W 62              | 7000 <sup>x</sup> | (3500)        | 3    | 105               | 7000          |          |      |      |  |
| 022         | 1        | S 92     | W 90              | 2500 <sup>x</sup> | (1200)        | 1    | 12                | 750           |          |      |      |  |
| 023         | 1        | N 25     | W 56              | 4000 <sup>x</sup> | (2000)        | 2    | 40                | 2800          |          |      |      |  |
| 024         | 1        | N 17     | W 50              | 7000 <sup>x</sup> | (4000)        | 3.5  | 140               | 8050          |          |      |      |  |
| 026         | 1        | S 14     | W 65              | 1000 <sup>x</sup> | (600)         | 1    | 6                 | 300           |          |      |      |  |
| 028         | 1        | N 31     | W 27              | 1800 <sup>x</sup> | (1000)        | 3    | 30                | 1800          |          |      |      |  |
| 029         | 1        | N 22     | W 18              | 1600              | <sup>ok</sup> | 2.5  | 40                | 1360          |          |      |      |  |
| 030         | 1        | S 21     | W 13              | 7000 <sup>x</sup> | (3400)        | 3.5  | 119               | 8050          |          |      |      |  |
| 031         | 1        | S 21     | W 54              | 0500              | <sup>ok</sup> | 1    | 5                 | 150           |          |      |      |  |
| 032         | 1        | S 36     | W 41              | 0500              | <sup>ok</sup> | 1    | 5                 | 150           |          |      |      |  |
| 034         | 1        | N 26     | E 11              | 1000 <sup>x</sup> | (800)         | 1.5  | 12                | 500           |          |      |      |  |
| 035         | 1        | S 24     | E 11              | 1800 <sup>x</sup> | (1200)        | 2    | 24                | 1260          |          |      |      |  |
| 036         | 1        | S 12     | E 05              | 0600              | <sup>ok</sup> | 1    | 6                 | 180           |          |      |      |  |
| 038         | 1        | S 20     | E 43              | 2800 <sup>x</sup> | (2000)        | 1.5  | 30                | 1400          |          |      |      |  |
| 039         | 1        | N 11     | E 49              | 5000 <sup>x</sup> | (2600)        | 4    | 104               | 6500          |          |      |      |  |
| 040         | 1        | N 26     | E 27              | 0500 <sup>x</sup> | (300)         | 2    | 6                 | 350           |          |      |      |  |
| 041         | 1        | S 18     | E 72              | 6700 <sup>x</sup> | (4000)        | 3    | 120               | 6700          |          |      |      |  |
| 042         | 1        | N 13     | E 67              | 0600 <sup>x</sup> | (400)         | 1    | 4                 | 180           |          |      |      |  |
|             |          |          |                   |                   | 30200         |      | 208               |               |          |      |      |  |
|             |          |          |                   |                   |               |      |                   | 47,480        |          |      |      |  |