

IV. INTENSITE DE
en lumière monochromatique, selon
Pour toutes les stations, l'origine des angles
Observatoire
Estimations effectuées sur la raie

| Date | Heure d'observation | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | | | |
|---------|---------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--|--|
| 1970 | T.U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| janvier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 12 ^h 20 | - | - | - | - | 3 | 3 | 2 | 2 | 3 | 5 | 10 | 14 | 17 | 33 | 17 | 13 | 15 | 17 | 10 | 6 | 8 | 13 | 32 | 8 | 13 | 10 | 8 | 4 | 2 | - | - | - | - | 1 | 2 | | |
| 3 | 9 20 | - | - | - | 1 | 2 | 2 | 2 | 4 | 6 | 7 | 9 | 11 | 14 | 27 | 18 | 18 | 21 | 14 | 6 | 3 | 5 | 15 | 20 | 7 | 4 | 3 | 3 | 4 | 2 | - | - | - | - | - | - | | |
| 7 | 10 10 | - | - | - | - | - | - | 1 | 2 | 3 | 5 | 9 | 15 | 20 | 16 | 35 | 27 | 28 | 35 | 16 | 18 | 39 | 29 | 12 | 8 | 7 | 5 | 5 | 5 | 6 | 5 | 3 | 2 | 1 | - | - | | |
| mars | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 7 30 | - | - | 1 | 2 | 3 | 4 | 5 | 7 | 9 | 13 | 13 | 12 | 17 | 30 | 43 | 40 | 23 | 8 | 12 | 17 | 43 | 16 | 20 | 16 | 22 | 18 | 15 | 10 | 8 | 7 | 6 | 5 | 5 | 4 | | | |

Observatoire
Déterminations effectuées photométriquement, l'unité d'intensité étant égale à 10⁻⁶ fois
Pour chaque date, la première ligne se rapporte à l'intensité de la raie 5303 A. et la seconde à celle

| Date et heures de l'observation | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | | |
|---------------------------------|----------------------------------|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--|
| 1970 | T. U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Janv. | 2 9 ^h 45 ^m | 11 | 13 | 11 | 13 | 14 | 14 | 14 | 12 | 15 | 12 | 17 | 38 | 66 | 114 | 92 | 14 | 55 | 45 | 40 | 30 | 53 | 78 | 96 | 50 | 27 | 33 | 30 | 22 | 14 | 10 | 9 | 12 | 13 | 11 | 8 | | |
| | 7 9 37 | 15 | 16 | 12 | 14 | 12 | 13 | 15 | 17 | 18 | 22 | 30 | 49 | 82 | 86 | 142 | 129 | 138 | 116 | 85 | 76 | 142 | 131 | 69 | 36 | 22 | 28 | 24 | 20 | 14 | 12 | 12 | 10 | 8 | 8 | 10 | | |
| | 13 9 28 | 15 | 12 | 10 | 12 | 13 | 17 | 16 | 20 | 27 | 42 | 46 | 44 | 47 | 61 | 92 | 106 | 120 | 74 | 62 | 104 | 138 | 173 | 108 | 64 | 38 | 26 | 20 | 17 | 14 | 13 | 17 | 16 | 13 | 11 | 13 | | |
| Févr. | 4 9 26 | 9 | 11 | 13 | 16 | 22 | 18 | 16 | 30 | 26 | 35 | 49 | 80 | 130 | 145 | 131 | 105 | 59 | 92 | 160 | 179 | 112 | 96 | 80 | 52 | 34 | 20 | 23 | 16 | 13 | 11 | 10 | 8 | 9 | 7 | 8 | | |
| | 5 15 53 | - | - | - | - | - | - | - | 14 | 37 | 68 | 94 | 80 | 124 | 156 | 130 | 116 | 80 | 53 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 8 13 45 | - | - | - | - | - | 16 | 21 | 36 | 46 | 55 | 96 | 142 | 66 | 96 | 136 | 120 | 97 | 76 | 84 | 89 | 138 | 92 | 51 | 46 | 40 | 26 | 18 | 16 | 12 | 8 | 9 | - | - | - | - | | |
| | 9 9 38 | - | - | - | - | - | 19 | 21 | 26 | 34 | 32 | 62 | 38 | 65 | 114 | 145 | 118 | 72 | 60 | 78 | 112 | 144 | 74 | 52 | 23 | 20 | - | - | - | - | - | - | - | - | - | - | - | |
| | 22 8 35 | - | - | - | - | - | - | - | 24 | 30 | 35 | 48 | 62 | 108 | 125 | 105 | 70 | 41 | 23 | 28 | 48 | 81 | 86 | 63 | 28 | 31 | 19 | 14 | - | - | - | - | - | - | - | - | - | |
| | 23 8 53 | - | - | - | - | - | 22 | 24 | 27 | 32 | 40 | 53 | 69 | 97 | 79 | 53 | 44 | 34 | 26 | 31 | 61 | 94 | 75 | 45 | 33 | 26 | 21 | 18 | 16 | 15 | 16 | 16 | 14 | 13 | 12 | | | |
| | 26 12 04 | 6 | 7 | 9 | 10 | 12 | 13 | 22 | 19 | 19 | 14 | 19 | 42 | 68 | 68 | 50 | 74 | 90 | 94 | 73 | 110 | 140 | 92 | 40 | 35 | 34 | 31 | 35 | 30 | 38 | 29 | 14 | 13 | 12 | 13 | 14 | | |
| --R | 12 52 | 5 | 5 | 6 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 8 | 12 | 14 | 16 | 19 | 28 | 15 | 12 | 13 | 21 | 39 | 32 | 23 | 8 | 8 | 10 | 12 | 9 | 10 | 13 | 13 | 14 | 10 | 9 | 8 | | |
| Mars | 1 8 36 | 13 | 11 | 10 | 12 | 14 | 15 | 17 | 15 | 13 | 19 | 25 | 60 | 81 | 110 | 129 | 140 | 98 | 120 | 68 | 112 | 135 | 88 | 44 | 24 | 29 | 42 | 34 | 20 | 17 | 14 | 12 | 13 | 11 | 11 | 10 | | |
| -R | 9 52 | 10 | 8 | 9 | 10 | 11 | 9 | 8 | 10 | 12 | 14 | 20 | 25 | 11 | 6 | 6 | 11 | 8 | 13 | 9 | 8 | 32 | 28 | 10 | 8 | 6 | 7 | 3 | 5 | 6 | - | 8 | 7 | 6 | 5 | 5 | | |
| | 2 8 26 | 10 | 11 | 13 | 15 | 17 | 19 | 22 | 24 | 26 | 31 | 38 | 66 | 84 | 119 | 148 | 175 | 138 | 104 | 60 | 92 | 124 | 47 | 50 | 74 | 39 | 43 | 46 | 24 | 26 | 22 | 18 | 16 | 15 | 13 | 12 | | |
| -R | 9 22 | 11 | 10 | 9 | 8 | 8 | 9 | 8 | 9 | 9 | 7 | 6 | 8 | 10 | 12 | 15 | 10 | 28 | 14 | 17 | 12 | 8 | 26 | 44 | 29 | 12 | 14 | 9 | 6 | 7 | 6 | 7 | 8 | 6 | 7 | 6 | 6 | |
| | 20 9 40 | 10 | 11 | 10 | 12 | 13 | 16 | 22 | 31 | 46 | 29 | 31 | 65 | 88 | 103 | 68 | 60 | 46 | 37 | 70 | 68 | 50 | 58 | 78 | 51 | 53 | 36 | 24 | 21 | 20 | 18 | 16 | 15 | 17 | 15 | 14 | | |
| | 21 8 13 | 10 | 11 | 13 | 14 | 16 | 20 | 24 | 30 | 34 | 44 | 61 | 120 | 108 | 66 | 44 | 42 | 47 | 38 | 58 | 74 | 112 | 102 | 60 | 44 | 34 | 25 | 17 | 16 | 14 | 15 | 13 | 14 | 12 | 11 | 10 | | |
| | 23 8 47 | - | - | - | - | - | - | 22 | 27 | 33 | 49 | 65 | 56 | 54 | 45 | 43 | 47 | 97 | 88 | 94 | 111 | 105 | 96 | 50 | 44 | 40 | 31 | 28 | 26 | 23 | 19 | 15 | 14 | 12 | | | | |
| | 24 7 56 | 12 | 14 | 17 | 19 | 16 | 19 | 22 | 24 | 26 | 31 | 40 | 53 | 62 | 55 | 50 | 60 | 94 | 143 | 128 | 116 | 94 | 81 | 75 | 61 | 46 | 41 | 37 | 28 | 22 | 19 | 20 | 18 | 16 | 14 | 12 | | |
| | 27 9 27 | 13 | 14 | 12 | 14 | 17 | 16 | 13 | 14 | 18 | 22 | 27 | 34 | 56 | 48 | 73 | 86 | 96 | 117 | 66 | 101 | 71 | 50 | 92 | 70 | 49 | 36 | 27 | 22 | 24 | 18 | 14 | 12 | 11 | 10 | 10 | | |
| | 28 13 41 | 8 | 9 | 9 | 10 | 12 | 15 | 17 | 21 | 18 | 26 | 34 | 64 | 64 | 97 | 64 | 128 | 142 | 120 | 74 | 63 | 102 | 106 | 109 | 74 | 48 | 40 | 35 | 32 | 30 | 26 | 28 | 24 | 18 | 15 | 11 | | |
| | 29 7 35 | 10 | 9 | 11 | 13 | 16 | 22 | 16 | 16 | 18 | 24 | 32 | 41 | 66 | 60 | 90 | 131 | 143 | 102 | 76 | 81 | 140 | 131 | 92 | 67 | 39 | 31 | 25 | 28 | 30 | 24 | 19 | 14 | 12 | 14 | 10 | | |
| --R | 6 56 | - | - | - | - | - | 4 | 5 | 4 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4 | 13 | 22 | 31 | 11 | 7 | 7 | 4 | 4 | 3 | 4 | 3 | - | - | - | - | - | | |

LA COURONNE SOLAIRE

des angles de position variant de 5° en 5°
de position est désormais le pôle nord du soleil

d'Arosa

5303 A., dans une échelle de 0 à 50

170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | 1 | 2 | 3 | 4 | 7 | 13 | 16 | 23 | 34 | 35 | 23 | 41 | 18 | 18 | 25 | 19 | 17 | 21 | 22 | 14 | 8 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 2 | 1 | - |
| - | - | - | - | - | - | - | - | 1 | 2 | 4 | 8 | 10 | 13 | 14 | 25 | 23 | 30 | 38 | 27 | 16 | 19 | 39 | 35 | 28 | 35 | 30 | 12 | 5 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | - | - |
| - | - | - | - | - | - | - | - | 1 | 3 | 9 | 6 | 7 | 16 | 28 | 33 | 33 | 20 | 8 | 11 | 17 | 13 | 16 | 29 | 19 | 16 | 20 | 17 | 8 | 5 | 4 | 3 | 2 | 2 | 1 | 1 | - | - | |
| 3 | 2 | 2 | 2 | 2 | 2 | 3 | 5 | 8 | 6 | 5 | 9 | 20 | 19 | 16 | 35 | 25 | 24 | 34 | 24 | 25 | 14 | 15 | 17 | 28 | 31 | 17 | 10 | 3 | 4 | 3 | 2 | 2 | 1 | - | - | - | - | |

du Pic du Midi

l'intensité, dans la même longueur d'onde, d'un angström du spectre de la photosphère.

de la raie 6374 A., dans les cas où elle a été mesurée. Le signe o placé devant une intensité, veut dire <

175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|-------|----|
| 9 | 6 | 7 | 6 | 8 | 8 | 9 | 11 | 13 | 15 | 16 | 18 | 26 | 26 | 45 | 62 | 83 | 97 | 127 | 190 | 68 | 97 | 105 | 113 | 122 | 102 | 84 | 64 | 39 | 26 | 20 | 23 | 20 | 22 | 18 | 16 | 13 | Janv. | 2 |
| 11 | 10 | 10 | 13 | 10 | 12 | 11 | 14 | 17 | 22 | 27 | 30 | 53 | 66 | 108 | 112 | 63 | 36 | 40 | 11 | 84 | 94 | 120 | 106 | 89 | 65 | 72 | 59 | 36 | 31 | 25 | 27 | 24 | 20 | 18 | 15 | 13 | 7 | |
| 14 | 12 | 12 | 13 | 14 | 16 | 13 | 14 | 12 | 16 | 25 | 32 | 41 | 38 | 44 | 32 | 25 | 19 | 46 | 72 | 61 | 86 | 119 | 133 | 139 | 120 | 69 | 36 | 29 | 25 | 27 | 29 | 24 | 19 | 17 | 14 | 15 | 13 | |
| 7 | 6 | 5 | 5 | 6 | 7 | 10 | 12 | 30 | 31 | 62 | 40 | 76 | 59 | 54 | 78 | 125 | 100 | 69 | 165 | 79 | 40 | 28 | 23 | 20 | 16 | 15 | 17 | 14 | 10 | 9 | 6 | 9 | 10 | 9 | 8 | 9 | Févr. | 4 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 |
| - | - | - | - | - | 8 | 8 | 10 | 12 | 14 | 16 | 19 | 22 | 20 | 15 | 21 | 28 | 32 | 26 | 36 | 40 | 34 | 40 | 49 | 43 | 37 | 31 | 24 | 19 | 14 | 10 | - | - | - | - | - | - | - | 8 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 |
| - | - | - | - | - | - | - | 18 | 22 | 17 | 24 | 34 | 41 | 46 | 33 | 26 | 65 | 91 | 11 | 41 | 47 | 67 | 96 | 112 | 117 | 60 | 48 | 40 | 33 | - | - | - | - | - | - | - | - | - | 22 |
| 15 | 13 | 12 | 13 | 15 | 19 | 21 | 27 | 25 | 32 | 35 | 41 | 36 | 31 | 37 | 46 | 42 | 124 | 81 | 49 | 41 | 48 | 96 | 121 | 106 | 91 | 69 | 56 | 49 | 41 | 34 | - | - | - | - | - | - | 23 | |
| 16 | 18 | 18 | 15 | 13 | 14 | 17 | 20 | 25 | 32 | 37 | 56 | 52 | 50 | 85 | 124 | 92 | 65 | 11 | 47 | 52 | 59 | 46 | 50 | 55 | 26 | 29 | 34 | 26 | 24 | 19 | 17 | 16 | 15 | 13 | 9 | 8 | 28 | |
| 7 | 7 | 6 | 6 | 5 | 4 | 3 | 4 | 5 | 7 | 9 | 12 | 18 | 24 | 31 | 29 | 35 | 22 | 17 | 15 | 30 | 16 | 19 | 17 | 24 | 16 | 14 | 12 | 10 | 9 | 7 | 5 | 5 | 6 | 7 | 6 | 7 | --R | |
| 10 | 9 | 8 | 9 | 9 | 10 | 9 | 16 | 11 | 13 | 21 | 34 | 44 | 46 | 76 | 88 | 104 | 116 | 64 | 51 | 30 | 48 | 39 | 118 | 88 | 46 | 32 | 38 | 18 | 16 | 14 | 13 | 13 | 12 | 11 | 11 | 12 | Mars | 1 |
| 6 | 7 | 6 | 6 | 5 | 7 | 5 | 6 | 6 | 7 | 8 | 9 | 12 | 16 | 18 | 32 | 21 | 12 | 9 | 22 | 10 | 6 | 19 | 26 | 30 | 11 | 8 | 7 | 6 | 6 | 7 | 9 | 16 | 14 | 12 | 10 | 11 | --R | |
| 11 | 10 | 9 | 8 | 7 | 7 | 9 | 13 | 15 | 17 | 26 | 54 | 72 | 83 | 119 | 142 | 120 | 132 | 110 | 137 | 102 | 98 | 125 | 120 | 60 | 49 | 46 | 35 | 30 | 21 | 19 | 20 | 16 | 11 | 10 | 12 | 11 | 2 | |
| 5 | 7 | 6 | 5 | 4 | 5 | 6 | 6 | 7 | 9 | 8 | 7 | 7 | 10 | 12 | 25 | 17 | 19 | 28 | 45 | 12 | 16 | 22 | 45 | 24 | 19 | 14 | 12 | 10 | 9 | 10 | 14 | 17 | 15 | 12 | 11 | 10 | --R | |
| 15 | 16 | 14 | 13 | 12 | 11 | 13 | 16 | 21 | 32 | 82 | 92 | 84 | 68 | 80 | 99 | 52 | 61 | 33 | 42 | 69 | 94 | 70 | 44 | 68 | 60 | 46 | 34 | 25 | 19 | 17 | 14 | 12 | 10 | 11 | 12 | 11 | 20 | |
| 8 | 10 | 11 | 12 | 10 | 11 | 12 | 14 | 23 | 71 | 68 | 75 | 58 | 72 | 102 | 66 | 31 | 52 | 11 | 108 | 92 | 110 | 74 | 46 | 58 | 50 | 52 | 35 | 16 | 14 | 8 | 7 | 9 | 8 | 8 | 7 | 8 | 21 | |
| 12 | 13 | 15 | 14 | 17 | 18 | 21 | 22 | 23 | 26 | 31 | 37 | 41 | 37 | 54 | 77 | 63 | 66 | 56 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | |
| 12 | 14 | 13 | 14 | 16 | 14 | 17 | 16 | 16 | 20 | 24 | 29 | 25 | 33 | 43 | 69 | 63 | 46 | 43 | 52 | 56 | 65 | 63 | 129 | 136 | 68 | 49 | 41 | 34 | 30 | 24 | 22 | 24 | 23 | 21 | 17 | 14 | 24 | |
| 9 | 11 | 12 | 13 | 14 | 15 | 14 | 15 | 17 | 19 | 23 | 25 | 50 | 66 | 86 | 40 | 78 | 61 | 52 | 42 | 32 | 38 | 31 | 39 | 43 | 36 | 36 | 29 | 21 | 16 | 12 | 14 | 17 | 20 | 17 | 16 | 12 | 27 | |
| 9 | 7 | 8 | 10 | 7 | 9 | 8 | 11 | 15 | 13 | 17 | 27 | 36 | 56 | 63 | 109 | 117 | 108 | 114 | 92 | 62 | 52 | 42 | 37 | 46 | 38 | 28 | 16 | 12 | 7 | 10 | 10 | 12 | 10 | 12 | 8 | 7 | 28 | |
| 10 | 8 | 16 | 11 | 8 | 10 | 11 | 14 | 16 | 17 | 20 | 27 | 31 | 45 | 74 | 102 | 86 | 76 | 80 | 84 | 76 | 64 | 73 | 81 | 116 | 142 | 116 | 60 | 42 | 28 | 23 | 20 | 19 | 17 | 16 | 13 | 9 | 29 | |
| - | - | - | - | - | - | - | - | 3 | 4 | 5 | 8 | 5 | 7 | 10 | 6 | 3 | 6 | 1 | 6 | 0 | 9 | 10 | 5 | 3 | 3 | 3 | 6 | 7 | 7 | 4 | 3 | - | - | - | - | - | --R | |

Wendelstein

dans une échelle de 0 à 50.

| 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | 2 | 3 | 4 | 7 | 10 | 11 | 18 | 22 | 30 | 32 | 24 | 22 | 24 | 31 | 33 | 34 | 24 | 13 | 7 | 4 | 3 | 2 | - | - | - | - | - | - | - | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 2 | 3 | 4 | 6 | 8 | 10 | 11 | 13 | 15 | 12 | 9 | 8 | 11 | 10 | 9 | 11 | 10 | 9 | 9 | 7 | 5 | 4 | 3 | 2 | 1 | - | - | - | - | - | - | | | | |
| - | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 4 | 5 | 6 | 5 | 5 | 6 | 12 | 24 | 22 | 12 | 14 | 25 | 17 | 14 | 23 | 20 | 12 | 8 | 5 | 4 | 3 | 2 | 1 | - | - | - | - | - | - | | | |
| - | - | - | - | - | - | - | - | - | - | - | 2 | 3 | 3 | 4 | 6 | 8 | 15 | 18 | 15 | 28 | 37 | 26 | 12 | 20 | 20 | 17 | 18 | 18 | 13 | 10 | 7 | 6 | 4 | 3 | 2 | 2 | 2 | 1 | - | - | - | | | |
| - | - | - | - | - | - | - | - | - | - | - | 2 | 4 | 5 | 6 | 9 | 15 | 29 | 32 | 34 | 35 | 26 | 17 | 30 | 32 | 33 | 35 | 30 | 15 | 17 | 15 | 11 | 6 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | - | - | | | |
| - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 3 | 5 | 6 | 9 | 15 | 25 | 32 | 35 | 37 | 34 | 16 | 20 | 25 | 28 | 29 | 28 | 18 | 17 | 19 | 12 | 5 | 3 | 2 | 1 | - | - | - | - | - | - | | | |
| - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 3 | 5 | 7 | 10 | 19 | 26 | 37 | 41 | 40 | 38 | 21 | 16 | 28 | 38 | 41 | 37 | 27 | 19 | 22 | 21 | 16 | 7 | 5 | 4 | 2 | 1 | - | - | - | - | - | | |
| - | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 5 | 6 | 7 | 16 | 20 | 35 | 43 | 40 | 45 | 16 | 8 | 9 | 29 | 35 | 36 | 16 | 19 | 19 | 17 | 9 | 8 | 7 | 6 | 3 | 2 | 1 | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | 2 | 3 | 4 | 6 | 14 | 18 | 33 | 40 | 37 | 40 | 16 | 7 | 8 | 27 | 33 | 34 | 18 | 19 | 19 | 16 | 8 | 7 | 5 | 2 | 1 | - | - | - | - | - | - | - | | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

du Mt. Norikura

l'intensité, dans la même longueur d'onde, du spectre de la photosphère.
la raie de la couronne n'était pas visible à l'angle de position considéré.

| 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 8 | 8 | 8 | 8 | 9 | 11 | 18 | 25 | 29 | 31 | 36 | 36 | 33 | 21 | 14 | 11 | 9 | 8 | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 5 | 7 | 8 | 8 | 9 | 8 | 12 | 31 | 13 | 14 | 20 | 17 | 14 | 15 | 15 | 10 | 9 | 8 | 6 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 5 | 7 | 8 | 7 | 7 | 7 | 9 | 11 | 15 | 20 | 48 | 56 | 31 | 27 | 21 | 25 | 21 | 31 | 17 | 15 | 15 | 13 | 11 | 8 | 9 | 7 | 5 | 5 | - | - | - | - | - | - | - | - | - | | | | | |
| 5 | - | - | - | - | - | - | - | - | - | 5 | 6 | 7 | 7 | 8 | 9 | 10 | 16 | 29 | 31 | 39 | 45 | 52 | 36 | 45 | 52 | 52 | 56 | 39 | 27 | 20 | 21 | 18 | 15 | 10 | 9 | 7 | 6 | 6 | - | - | - | - | - | - | - | - | | | | | |
| - | - | - | - | - | - | - | - | - | - | 5 | 5 | 6 | 6 | 8 | 9 | 9 | 11 | 17 | 33 | 39 | 60 | 56 | 23 | 21 | 18 | 25 | 29 | 33 | 21 | 16 | 15 | 13 | 12 | 10 | 7 | 6 | 5 | - | - | - | - | - | - | - | - | - | | | | | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | 14 | 16 | 23 | 31 | 39 | 45 | 70 | 45 | 33 | 33 | 36 | 45 | 60 | 56 | 45 | 31 | 25 | 16 | 12 | x | x | x | x | x | x | x | x | x | x | x | x | | | | | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 7 | 8 | 9 | 11 | 15 | 21 | 31 | 75 | 70 | 65 | 48 | 18 | 12 | 17 | 31 | 29 | 21 | 17 | 14 | 13 | 12 | 9 | 7 | 6 | - | - | - | - | - | - | - | - | - | | | | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | 17 | 21 | 27 | 36 | 42 | 52 | 60 | 70 | 45 | 27 | 20 | 29 | 42 | 45 | 39 | 33 | 25 | 18 | 16 | 14 | x | x | x | x | x | x | x | x | x | x | x | x | | | | | | |
| - | - | - | - | - | - | - | - | - | - | 5 | 6 | 7 | 8 | 9 | 10 | 16 | 12 | 14 | 21 | 45 | 27 | 21 | 16 | 15 | 25 | 39 | 31 | 23 | 16 | 12 | 11 | 9 | 7 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 4 | 5 | 6 | 9 | 12 | 18 | 21 | 16 | 10 | 12 | 18 | 27 | 23 | 16 | 12 | 9 | 18 | 11 | 8 | 6 | 5 | 4 | - | - | - | - | - | - | - | - | - | - | - | | | | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | 9 | 9 | 16 | 25 | 42 | 56 | 52 | 39 | 29 | 39 | 48 | 81 | 56 | 45 | 33 | 27 | 20 | 16 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 5 | 7 | 12 | 16 | 27 | 36 | 33 | 27 | 25 | 25 | 23 | 42 | 65 | 36 | 31 | 20 | 15 | 11 | 8 | 7 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 9 | 13 | 18 | 23 | 31 | 33 | 52 | 42 | 31 | 29 | 25 | 42 | 60 | 39 | 31 | 18 | 13 | 14 | 11 | 8 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 7 | 9 | 12 | 17 | 27 | 39 | 42 | 39 | 56 | 33 | 45 | 45 | 36 | 25 | 27 | 39 | 31 | 21 | 16 | 13 | 9 | 7 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| - | - | - | - | - | - | - | - | - | - | 5 | 6 | 7 | 8 | 11 | 14 | 17 | 27 | 36 | 31 | 39 | 45 | 48 | 36 | 23 | 20 | 36 | 33 | 25 | 18 | 13 | 9 | 8 | 7 | 6 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | 33 | 39 | 52 | 60 | 60 | 48 | 42 | 45 | 33 | 31 | 33 | 31 | 27 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | 14 | 20 | 45 | 33 | 31 | 31 | 23 | 15 | 17 | 17 | 14 | 15 | 14 | 15 | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | 16 | 21 | 23 | 25 | 11 | 11 | 25 | 23 | 16 | 18 | 16 | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | 9 | 10 | 11 | 13 | 18 | 17 | 12 | 11 | 13 | 18 | 56 | 65 | 52 | 39 | 36 | 42 | 39 | 33 | 27 | 27 | 20 | 14 | 10 | 10 | 9 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 9 | 9 | 11 | 11 | 16 | 23 | 33 | 65 | 48 | 39 | 36 | 29 | 33 | 42 | 56 | 39 | 17 | 15 | 12 | 12 | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | 13 | 14 | 15 | 12 | 14 | 18 | 21 | 29 | 39 | 96 | 94 | 70 | 48 | 45 | 52 | 56 | 65 | 65 | 48 | 29 | 23 | 16 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | 9 | 9 | 9 | 11 | 11 | 16 | 23 | 23 | 39 | 36 | 27 | 33 | 33 | 36 | 52 | 70 | 60 | 29 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 11 | 9 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | 9 | 10 | 10 | 13 | 21 | 20 | 20 | 23 | 33 | 60 | 81 | 87 | 87 | 94 | 65 | 52 | 85 | 70 | 75 | 70 | 60 | 48 | 48 | 39 | 27 | 18 | 15 | 11 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 | - | - | - | - | - | - | - | - | - | 10 | 14 | 15 | 17 | 21 | 21 | 27 | 48 | 70 | 39 | 52 | 45 | 42 | 52 | 48 | 45 | 45 | 39 | 31 | 25 | 12 | 8 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 8 | - | - | - | - | - | 7 | 8 | 9 | 13 | 15 | 18 | 25 | 21 | 20 | 36 | 48 | 81 | 127 | 94 | 65 | 70 | 65 | 52 | 70 | 75 | 60 | 56 | 52 | 36 | 39 | 33 | 21 | 17 | 15 | 10 | 9 | 8 | 9 | 8 | 9 | 8 | 9 | 8 | 9 | 8 | 9 | 8 | 9 | 8 | 9 | |
| 8 | 7 | - | - | - | - | 8 | 9 | 14 | 21 | 21 | 31 | 36 | 52 | 81 | 136 | 101 | 81 | 87 | 75 | 65 | 45 | 75 | 87 | 94 | 52 | 45 | 39 | 31 | 23 | 21 | 23 | 21 | | | | | | | | | | | | | | | | | | | |

Observatoire

Déterminations effectuées photométriquement, l'unité d'intensité étant égale à 10^{-6} fois l'intensité,
 Pour chaque date, la première ligne se rapporte à l'intensité
 Le signe x indique que l'intensité n'a pas été estimée,

| Date et heure d'observation | | T.U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|------|----|----|----|----|----|----|----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 1970 | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | |
| Janv. | 1 7 ^h 00 ^m 7 48 | 9 | 8 | 10 | 14 | 15 | 23 | 12 | 13 | 13 | 23 | 44 | 46 | 53 | 43 | 61 | 48 | 68 | 50 | 29 | 27 | 40 | 69 | 40 | 24 | 42 | 32 | 28 | 17 | 1 | 5 | 13 | 4 | 13 | 12 | |
| | 4 7 19 7 56 | 26 | 27 | 20 | 33 | 37 | 24 | 41 | 16 | 26 | 19 | 33 | 86 | 78 | 45 | 67 | 62 | 73 | 50 | 51 | 69 | 44 | 48 | 50 | 28 | 40 | 24 | 40 | 38 | 32 | 29 | 20 | 21 | 21 | | |
| | 5 6 27 9 27 | 4 | 14 | 5 | 12 | 14 | 12 | 15 | 26 | 25 | 21 | 19 | 30 | 44 | 56 | 51 | 59 | 63 | 39 | 60 | 69 | 87 | 55 | 28 | 13 | 19 | 19 | 21 | 7 | 10 | 18 | 8 | 8 | 15 | - | |
| | 6 6 49 7 36 | 22 | 12 | 21 | 18 | 18 | 13 | 24 | 13 | 22 | 36 | 25 | 56 | 48 | 76 | 76 | 83 | 87 | 36 | 33 | 55 | 72 | 62 | 18 | 17 | 16 | 21 | 18 | 27 | 22 | 21 | 9 | 10 | 13 | 12 | |
| | 7 6 16 7 24 | 16 | 24 | 17 | 22 | 21 | 31 | 28 | 27 | 18 | 51 | 103 | x | x | 169 | 133 | 118 | 117 | 92 | 99 | 145 | x | 48 | 48 | 36 | 46 | 31 | 53 | 27 | 43 | 34 | x | 27 | 48 | 38 | |
| | 8 7 19 8 37 | 42 | 16 | 25 | 33 | 31 | 16 | 28 | 18 | 19 | 29 | 42 | 69 | 90 | 146 | 146 | 121 | 141 | 72 | 114 | 110 | 127 | 49 | 44 | 56 | 47 | 25 | 26 | 22 | 20 | 42 | 15 | 23 | 19 | 33 | |
| | 12 7 06 7 38 | 15 | 23 | 14 | 43 | 29 | 21 | 39 | 40 | 24 | 55 | 51 | 52 | 49 | 56 | 75 | 105 | 65 | 43 | 58 | 86 | 176 | 180 | 71 | 38 | 52 | 45 | 32 | 21 | 30 | 35 | 21 | 20 | 22 | 36 | |
| | 16 7 38 | x | 22 | 33 | 35 | 55 | 17 | 28 | 45 | 49 | 40 | 26 | 58 | 60 | 76 | 100 | 134 | 96 | 108 | 156 | 162 | 106 | 120 | 128 | 98 | 73 | 39 | 54 | 37 | 40 | 52 | 53 | 33 | 26 | 44 | |
| | 17 7 36 8 16 | x | 9 | 9 | 13 | 14 | 9 | 13 | 11 | 10 | 11 | 30 | 31 | 80 | 63 | 69 | 124 | 64 | 47 | 66 | 66 | 75 | 72 | 102 | 92 | 48 | 39 | 31 | 22 | 14 | 8 | 17 | 16 | 8 | 13 | |
| | 26 6 42 7 04 | 7 | 14 | 6 | 11 | 8 | 1 | 19 | 11 | 26 | 30 | 32 | 27 | 20 | 89 | 70 | 47 | 79 | 59 | 37 | 28 | 20 | 19 | 21 | 24 | 23 | 31 | 25 | 23 | 20 | 16 | 17 | 7 | 13 | 16 | 12 |
| | 28 7 46 8 31 | 2 | - | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | 104 | 89 | 74 | 57 | 50 | 20 | 4 | x | - | 25 | 21 | 10 |
| Fevr. | 5 8 50 9 26 | 16 | 20 | 36 | 20 | 15 | 26 | 20 | 42 | 37 | 28 | 55 | 92 | 146 | 164 | 237 | 145 | 128 | 105 | 104 | 164 | 276 | 237 | 225 | 214 | 187 | 106 | 67 | 45 | 46 | 65 | x | x | x | x | |
| | 10 8 37 9 36 | 16 | 19 | 21 | 12 | 18 | 22 | 16 | 17 | 25 | 17 | 32 | 25 | 35 | 49 | 87 | 100 | 66 | 55 | 68 | 81 | 134 | 102 | 36 | 50 | 39 | 51 | 23 | 25 | 18 | 21 | 26 | 26 | 22 | 21 | x |
| | 15 5 48 6 35 | 16 | 10 | 4 | 8 | 12 | x | 14 | 13 | 20 | 24 | 29 | 62 | 58 | 32 | 57 | 45 | 53 | 76 | 101 | 105 | 110 | 134 | 123 | 79 | 32 | 43 | 38 | 36 | 26 | 25 | 23 | 24 | 26 | 13 | - |
| | 16 11 28 11 55 | 19 | 14 | 14 | 14 | 10 | 15 | 18 | 14 | 14 | 17 | 17 | 24 | 33 | 13 | 35 | 57 | 56 | 34 | 64 | 88 | 75 | 142 | 95 | 71 | 85 | 49 | 29 | 15 | 26 | 19 | 18 | 19 | 15 | 21 | - |
| | 20 7 35 8 04 | 8 | 11 | 11 | 24 | 9 | 16 | 21 | 17 | 7 | 18 | 29 | 26 | 34 | 61 | 84 | 118 | 67 | 43 | 37 | 34 | 37 | 31 | 21 | 21 | 28 | 20 | 16 | 15 | 13 | 13 | 13 | 11 | 24 | 21 | |
| | 21 6 14 6 51 | 16 | 12 | 14 | 11 | 3 | 16 | 17 | 19 | - | 25 | 5 | 20 | 49 | 71 | 83 | 38 | 45 | 11 | - | 14 | 24 | 13 | 10 | 11 | 20 | 10 | - | - | - | 12 | 6 | 11 | 11 | - | |
| | 24 6 32 7 20 | 16 | 22 | 27 | 25 | 33 | 34 | 34 | 20 | 29 | 44 | 65 | 39 | 55 | 41 | 42 | 38 | 43 | 28 | 42 | 42 | 93 | 64 | 62 | 45 | 40 | 33 | 41 | 15 | 30 | 18 | 35 | 13 | 21 | 24 | |
| | 25 6 38 | 25 | 28 | 26 | 19 | 19 | 36 | 24 | 27 | 40 | 27 | 40 | 42 | 38 | 54 | 40 | 38 | 41 | 52 | 32 | 33 | 35 | 50 | 60 | 57 | 32 | 37 | 23 | 29 | 14 | 38 | 37 | 30 | 17 | 22 | x |
| | 26 10 27 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | 6 | 14 | 22 | 45 | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Mars. | 4 5 38 6 25 | 30 | 24 | 24 | 27 | 44 | 45 | 39 | 35 | 35 | 48 | 54 | 72 | 112 | 130 | 118 | 78 | 52 | 51 | 67 | 81 | 136 | 109 | 83 | 91 | 89 | 60 | 30 | 28 | 14 | 19 | 18 | 25 | 20 | 19 | |
| | 26 6 43 7 24 | 18 | 23 | 19 | 20 | 31 | 34 | 32 | 24 | 25 | 46 | 32 | 46 | 31 | 37 | 62 | 48 | 68 | 72 | 93 | 92 | 101 | 78 | 42 | 46 | 36 | 35 | 37 | 37 | 30 | 44 | 36 | 38 | 46 | 60 | - |

Observatoire du

Déterminations effectuées photométriquement, l'unité d'intensité étant égale à 10^{-6} fois l'intensité,
 Pour chaque date, la première ligne se rapporte à l'intensité
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| Date et heure d'observation | | T.U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------------|------|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 1970 | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | |
| Jan. | 24 16 ^h 25 ^m | p | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 22 | 4 | 35 | 64 | 67 | 83 | 115 | 75 | 45 | 52 | 24 | 16 | 3 | 6 | 4 | 8 | 0 | 6 | 9 | 8 | 11 | 0 | 0 | 2 | x | 4 | |
| | 30 09 33 16 21 | g | 0 | 0 | 11 | 7 | 12 | 7 | 13 | 12 | 6 | 2 | 1 | 8 | 17 | 78 | 43 | 38 | 41 | 36 | 21 | 29 | 64 | 36 | 22 | 25 | 64 | 46 | 26 | 12 | 2 | 6 | 15 | 13 | 7 | 4 |
| | | g | 17 | 18 | 10 | 20 | 16 | 11 | - | 21 | 13 | 15 | 21 | - | - | - | - | 20 | 7 | 39 | 34 | 33 | 28 | 28 | 28 | 29 | 31 | 21 | 27 | 32 | 22 | 20 | 25 | 18 | 16 | |
| Fevr. | 2 09 34 10 18 | m | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 13 | 23 | 35 | 35 | 66 | 81 | 86 | 117 | 98 | 64 | 138 | 177 | 59 | 59 | 40 | 52 | 27 | 42 | 30 | 24 | 4 | 23 | 15 | 15 | 1 |
| | 12 10 15 11 41 | p | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | 47 | 18 | 58 | 42 | 28 | 38 | 33 | 43 | 23 | x | x | x | x | x | x | x | |
| | 17 13 36 | m | 0 | 0 | 20 | 0 | 0 | 15 | 4 | 8 | 27 | 63 | 105 | 124 | 171 | 194 | 229 | 162 | 187 | 257 | 261 | 225 | 143 | 78 | 123 | 81 | 62 | 16 | 6 | 0 | 1 | 0 | 1 | 1 | 4 | |
| | 24 10 37 | g | 3 | 0 | 0 | 2 | 11 | 1 | 10 | 13 | 11 | 12 | 39 | 22 | 21 | 13 | 23 | 14 | 17 | 20 | 31 | 54 | 50 | 47 | 40 | 28 | 28 | 16 | 16 | 11 | 6 | 7 | 11 | 10 | 2 | 14 |
| Mars. | 9 07 44 | g | 15 | 10 | 13 | 17 | 15 | 14 | 14 | 29 | 43 | 49 | 43 | 38 | 71 | 117 | 108 | 66 | 44 | 43 | 41 | 92 | 134 | 137 | 89 | 72 | 39 | 45 | 30 | 18 | 15 | 5 | 9 | 13 | 11 | 8 |
| | 16 10 10 | m | 0 | 0 | 6 | 0 | 7 | 6 | 7 | 7 | 20 | 34 | 34 | 86 | 118 | 120 | 138 | 109 | 115 | 147 | 133 | 147 | 151 | 120 | 70 | 112 | 24 | 66 | 29 | 16 | 15 | 11 | 5 | 0 | 11 | 4 |
| | 17 10 54 | m | 6 | 7 | 5 | 3 | 8 | 0 | 0 | 40 | 27 | 52 | 100 | 104 | 135 | 159 | 190 | 147 | 167 | 196 | 183 | 240 | 181 | 132 | 131 | 113 | 78 | 77 | 38 | 20 | 13 | 13 | 1 | 0 | 7 | 0 |

de Kislovodsk

dans la même longueur d'onde, d'un angström du spectre de la photosphère au centre du disque solaire.

de la raie 5303 Å. et la seconde à celle de la raie 6374 Å.

le signe — que la raie n'était pas visible ou qu'elle n'était que très faible.

| 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 10 | 15 | 10 | 15 | 5 | 10 | 14 | 13 | 18 | 18 | 11 | 14 | 14 | 17 | 11 | 20 | 27 | 50 | 77 | 78 | 41 | 67 | 28 | 43 | 40 | 42 | 58 | 32 | 22 | 27 | 16 | 23 | 23 | 16 | 22 | 17 | 8 | 10 | | |
| 21 | 30 | 22 | 15 | 22 | 7 | 15 | 27 | 9 | 17 | 31 | 20 | 29 | 45 | 64 | 79 | 92 | 114 | 109 | 107 | 93 | 72 | 59 | 76 | 102 | 95 | 105 | 105 | 58 | 36 | 34 | 20 | 28 | 27 | 13 | 12 | 20 | 17 | | |
| 19 | 18 | 20 | 6 | 17 | 11 | 6 | 11 | 8 | 11 | 12 | 10 | 31 | 19 | 40 | 31 | 60 | 92 | 131 | 148 | 7 | 44 | 51 | 33 | 41 | 39 | 52 | 22 | 22 | 17 | 11 | 18 | 2 | 9 | 5 | 16 | 17 | | | |
| 13 | 16 | 12 | 18 | 6 | 7 | 11 | 12 | 14 | 7 | 10 | 11 | 22 | 23 | 4 | 45 | 79 | 85 | 66 | 49 | 23 | 26 | 18 | 19 | 20 | 27 | 43 | 44 | 29 | 25 | 17 | 18 | 12 | 7 | 9 | 8 | 12 | 21 | | |
| 22 | 21 | 28 | 24 | 14 | 17 | 19 | 15 | 18 | 13 | 11 | 28 | 18 | 29 | 58 | 99 | 124 | 93 | 112 | 17 | 9 | 6 | 58 | 50 | 47 | 56 | 88 | 42 | 59 | 61 | 48 | 22 | 17 | 17 | 16 | 20 | 15 | 8 | 17 | |
| 14 | 13 | 14 | 6 | 25 | 12 | 12 | 11 | 11 | 15 | 8 | 6 | 13 | 17 | 27 | 35 | 37 | 58 | 45 | 22 | 20 | 23 | 30 | 48 | 94 | 114 | 84 | 53 | 77 | 31 | 24 | 19 | 16 | 19 | 15 | 11 | 13 | 6 | 2 | |
| 29 | 18 | 28 | 33 | 2 | 16 | 24 | 14 | 13 | 35 | 17 | 20 | 20 | 25 | 32 | 53 | 48 | 31 | 26 | 40 | 26 | 29 | 26 | 45 | 63 | 66 | 106 | 88 | 97 | 81 | 43 | 33 | 26 | 27 | 26 | 29 | 21 | 12 | 28 | |
| 30 | 22 | 7 | 37 | 24 | 32 | 30 | 30 | 48 | 48 | 33 | 31 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| 11 | 14 | 10 | 7 | 8 | 13 | 7 | 11 | 17 | 10 | 23 | 30 | 28 | 33 | 30 | 37 | 19 | 15 | 23 | 26 | 28 | 22 | x | x | 39 | 31 | 41 | 86 | 21 | 15 | 11 | 17 | 29 | 13 | 19 | 26 | 22 | 17 | | |
| 13 | 5 | 25 | 19 | 21 | 21 | 14 | 9 | 17 | 26 | 16 | 28 | 19 | 21 | 17 | 28 | 32 | 32 | 29 | 135 | 96 | 19 | 47 | 29 | 42 | 53 | 99 | 43 | 42 | 31 | 25 | 14 | 19 | 13 | 17 | 18 | 2 | 11 | | |
| 16 | 24 | 35 | 25 | 31 | x | x | x | x | x | x | x | x | x | 82 | 57 | 78 | 67 | 105 | 116 | 169 | 157 | 146 | 156 | 118 | 188 | 157 | 80 | 72 | 72 | 52 | 47 | 37 | 22 | 35 | 21 | 25 | 28 | 11 | |
| 15 | 8 | 19 | 10 | x | 14 | 6 | 19 | x | 4 | 19 | 41 | 38 | 38 | 36 | 54 | 45 | 49 | 73 | 21 | 40 | 32 | 28 | 44 | 43 | 35 | 38 | 35 | 31 | 28 | 33 | 28 | 21 | 15 | 16 | 20 | 21 | | | |
| 37 | 23 | 19 | 10 | 22 | 31 | 17 | 17 | 18 | 13 | 25 | 38 | 32 | 36 | 35 | 40 | 34 | 22 | 89 | 107 | 87 | 73 | 95 | 84 | 79 | 80 | 69 | 64 | 30 | 20 | 32 | 21 | 23 | 26 | 10 | 18 | 9 | 24 | | |
| 24 | 21 | 15 | 19 | 17 | 18 | 22 | 20 | 20 | 18 | 31 | 23 | 25 | 11 | 14 | 31 | 24 | 29 | 36 | 35 | 63 | 40 | 61 | 39 | 81 | 115 | 105 | 57 | 33 | 29 | 21 | 18 | 17 | 16 | 14 | 14 | 17 | 17 | | |
| 17 | 13 | 7 | 14 | 16 | 12 | 11 | 17 | 19 | 16 | 18 | 20 | 23 | 27 | 19 | 65 | 134 | 134 | 134 | 88 | 86 | 35 | 20 | 66 | 65 | 81 | 50 | 53 | 47 | 48 | 48 | 28 | 20 | 26 | 16 | 15 | 31 | 37 | | |
| — | — | 5 | 7 | — | 1 | 4 | — | 3 | 8 | — | — | — | — | — | 15 | 26 | 31 | 37 | 68 | — | 72 | 60 | 37 | 50 | 24 | 24 | 33 | 47 | 47 | 71 | 26 | 44 | 51 | 35 | 11 | — | — | 20 | 12 |
| 19 | 17 | 29 | 35 | 8 | 24 | 23 | 1 | 28 | 23 | 35 | 8 | 26 | 59 | 59 | 47 | 57 | 56 | 82 | 152 | 149 | 113 | x | 44 | 49 | 38 | 51 | 46 | 33 | 41 | 41 | 27 | 30 | 20 | 15 | 20 | 6 | 16 | 9 | |
| 33 | 34 | 25 | 22 | 22 | 24 | 17 | 24 | 28 | 18 | 18 | 23 | 26 | 26 | 48 | 60 | 69 | 87 | 153 | 135 | 74 | 44 | 41 | 40 | 67 | 53 | 40 | 20 | 28 | 27 | 29 | 27 | 16 | 17 | 28 | 20 | 30 | 25 | | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | 40 | 38 | 25 | 34 | 37 | 46 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| 13 | 24 | 28 | 20 | 28 | 20 | 38 | 28 | 29 | 22 | 32 | 36 | 40 | 60 | 78 | 74 | 62 | 56 | 95 | 74 | 92 | 96 | 72 | 70 | 87 | 101 | 99 | 57 | 48 | 38 | 23 | 24 | 25 | 22 | 30 | 24 | 10 | 13 | | |
| x | 29 | 20 | 33 | 27 | 38 | 21 | 24 | 31 | 26 | 34 | 22 | 29 | 41 | 48 | 79 | 118 | 130 | 103 | 81 | 84 | 73 | 55 | 62 | 76 | 84 | 63 | 38 | 29 | 31 | 40 | 27 | 32 | 20 | 22 | 33 | 33 | 26 | | |
| 7 | 7 | 4 | 10 | 2 | — | — | — | 7 | 7 | — | — | — | — | — | 33 | 13 | 13 | 5 | 4 | — | — | — | — | 4 | 14 | 12 | — | — | — | — | — | — | — | — | — | — | — | — | |

Lomnický Štít

dans la même longueur d'onde, d'un angström du spectre de la photosphère au centre du disque solaire.

de la raie 5303 Å. et la seconde à celle de la raie 6374 Å.

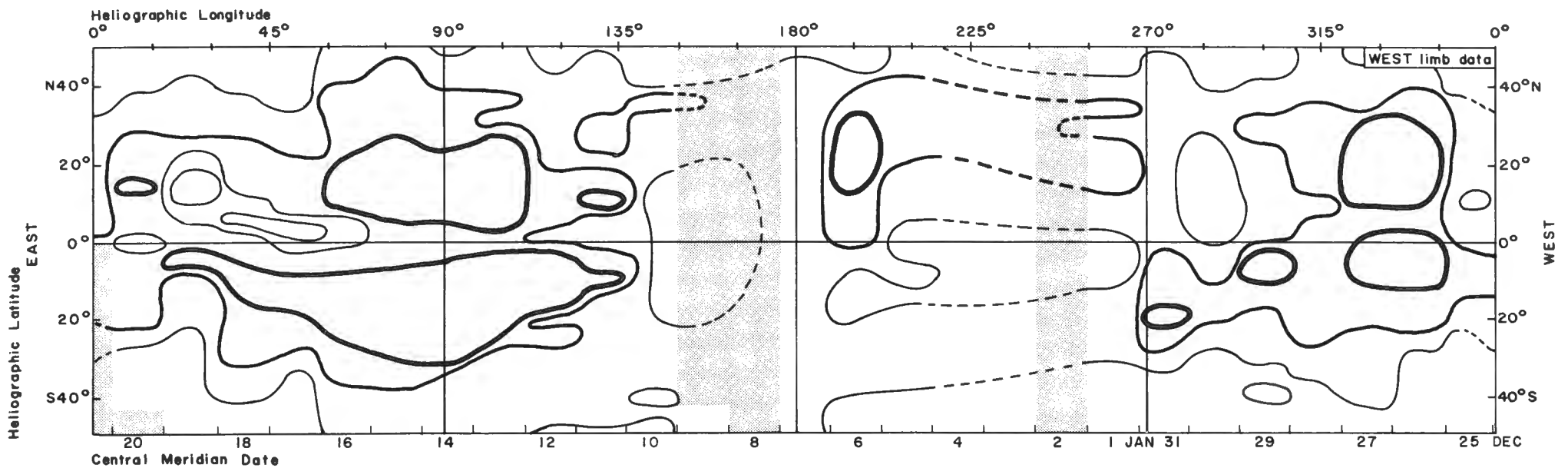
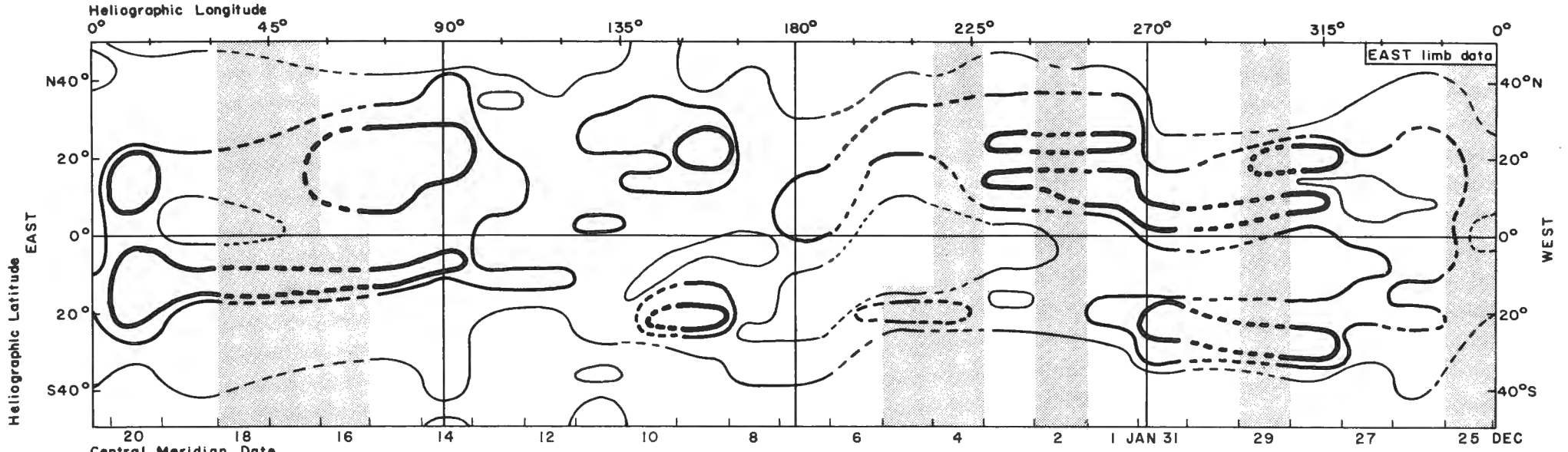
le signe — que la raie n'était pas visible ou qu'elle n'était que très faible.

| 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| 0 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 3 | 22 | 31 | 46 | 64 | 106 | 260 | 253 | 47 | 31 | 24 | 90 | 95 | 80 | 70 | 47 | 22 | 11 | 27 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 7 | 9 | 13 | 11 | 29 | 46 | 49 | 55 | 65 | 80 | 142 | 73 | 49 | 98 | 92 | 60 | 64 | 56 | 29 | 14 | 13 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | |
| 26 | 21 | 23 | 18 | 11 | — | — | 20 | 16 | 19 | 20 | 11 | 15 | 19 | 19 | 36 | 34 | 46 | 25 | 51 | — | — | 13 | 22 | 18 | 20 | 12 | 14 | 11 | — | — | — | — | — | — | — | — | — | — |
| 6 | 5 | 0 | 0 | 3 | 3 | 0 | 0 | 7 | 19 | 16 | 5 | 24 | 63 | 78 | 66 | 72 | 138 | 78 | 73 | 77 | 85 | 75 | 80 | 65 | 51 | 50 | 41 | 17 | 25 | 13 | 9 | 0 | 0 | 0 | 8 | 0 | 0 | |
| 22 | 27 | 2 | 18 | 2 | 11 | 26 | 16 | — | — | 11 | 6 | 15 | 1 | 3 | 15 | 43 | 70 | 58 | 57 | 22 | 12 | 11 | 15 | 34 | 10 | — | — | — | — | — | — | — | 23 | 12 | 21 | 26 | 29 | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | 16 | 45 | 57 | 48 | 43 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| 0 | 4 | 0 | 8 | 13 | 0 | 1 | 11 | 18 | 25 | 10 | 16 | 44 | 103 | 172 | 159 | 196 | 268 | 153 | 153 | 79 | 166 | 179 | 224 | 164 | 72 | 62 | 94 | 48 | 45 | 53 | 14 | 10 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 4 | 11 | 8 | 12 | 8 | 10 | 4 | 17 | 19 | 13 | 14 | 15 | 29 | 39 | 85 | 142 | 184 | 127 | 65 | 58 | 65 | 42 | 57 | 36 | 28 | 21 | 2 | 16 | 14 | 16 | 4 | 9 | 11 | 7 | 3 | 3 | 1 | |
| 20 | 7 | 5 | 14 | 17 | 9 | 9 | 13 | 0 | 12 | 11 | 8 | 5 | 19 | 31 | 75 | 56 | 95 | 109 | 124 | 68 | 32 | 51 | 54 | 52 | 56 | 53 | 36 | 43 | 29 | 16 | 17 | 16 | 0 | 7 | 4 | 15 | 12 | |
| 7 | 6 | 14 | 20 | 5 | 5 | 2 | 7 | 20 | 16 | 23 | 28 | 26 | 45 | 42 | 32 | 123 | 147 | 148 | 139 | 163 | 77 | 131 | 154 | 136 | 156 | 84 | 39 | 37 | 32 | 26 | 27 | 19 | 21 | 14 | 9 | 4 | 2 | |
| 8 | 5 | 11 | 4 | 17 | 7 | 12 | 19 | 36 | 17 | 49 | 49 | 47 | 66 | 183 | 145 | 167 | x | x | x | x | 87 | 145 | 148 | 171 | 141 | 130 | 61 | x | 51 | 26 | 28 | x | x | x | x | x | x | |

DECEMBER 24, 1969 - JANUARY 21, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1556

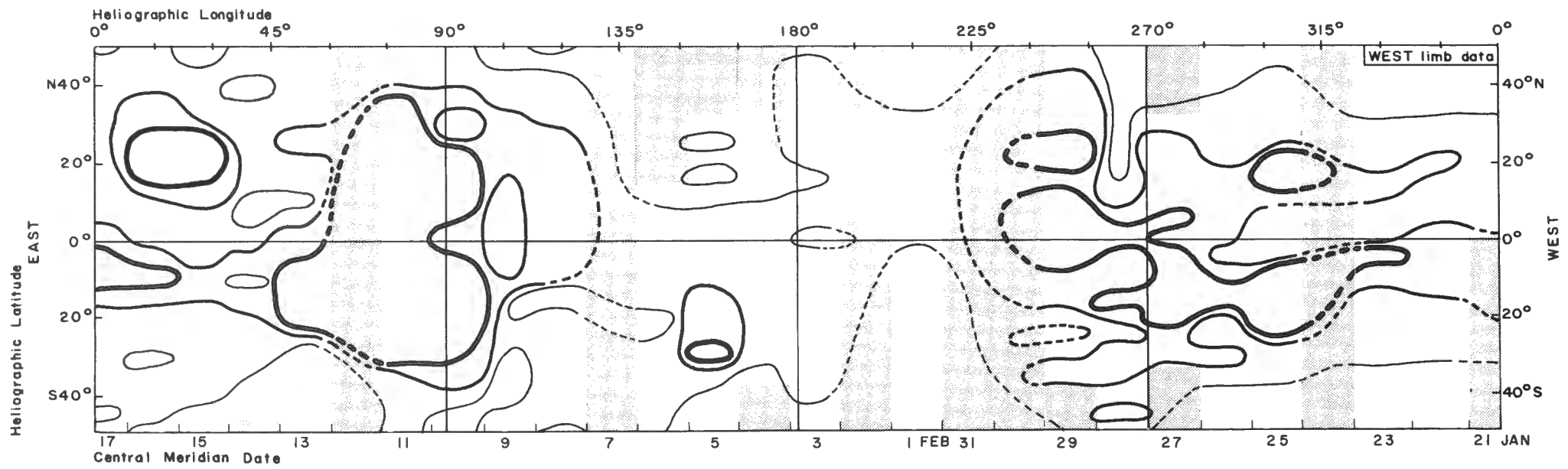
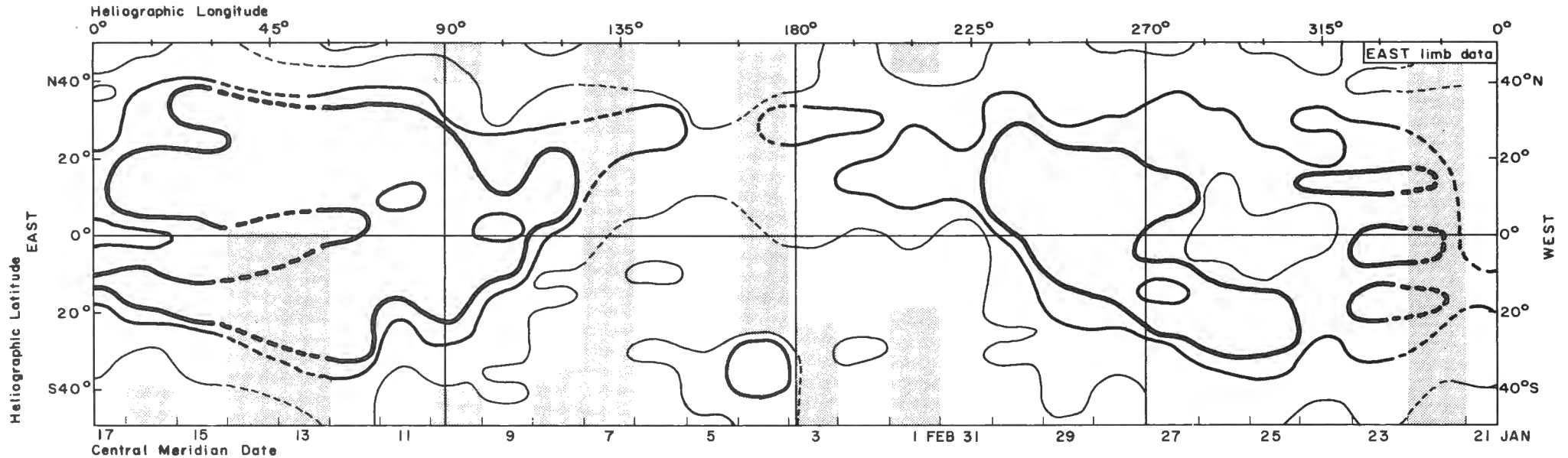


- Extremely bright
- Very bright
- Moderate
- No observations

JANUARY 21 - FEBRUARY 17, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

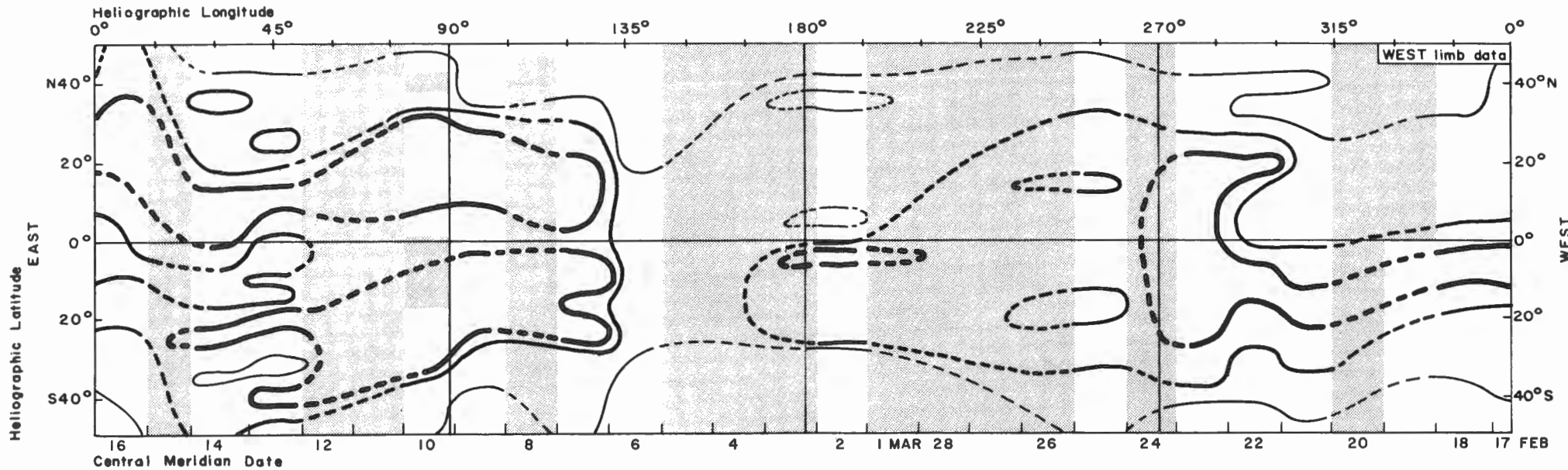
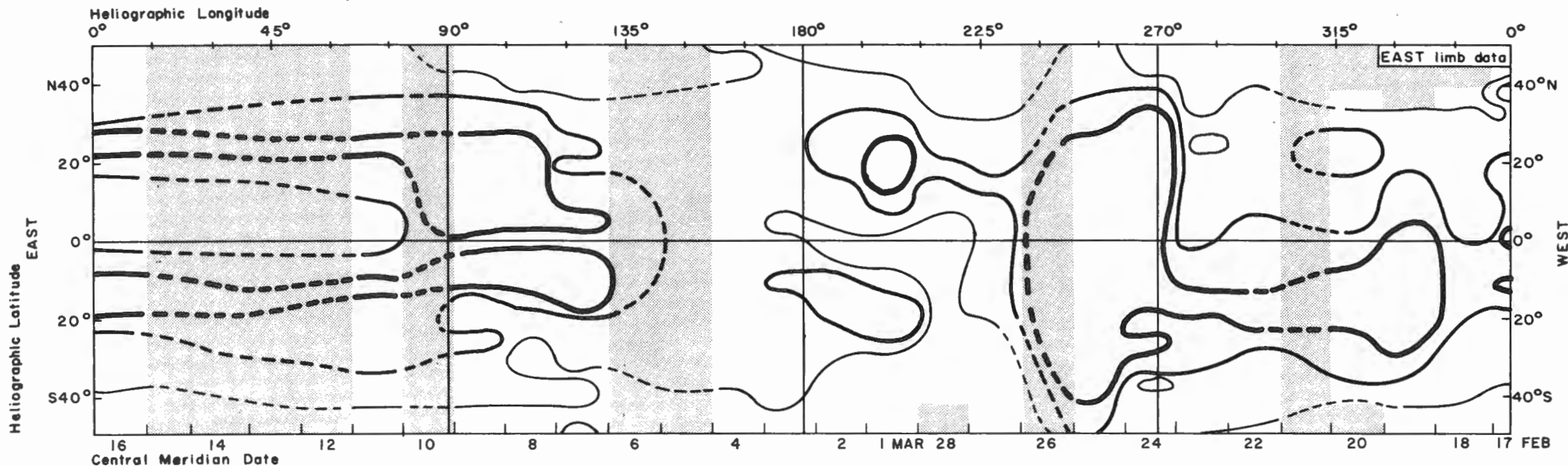
ROT. NO. 1557



ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1558

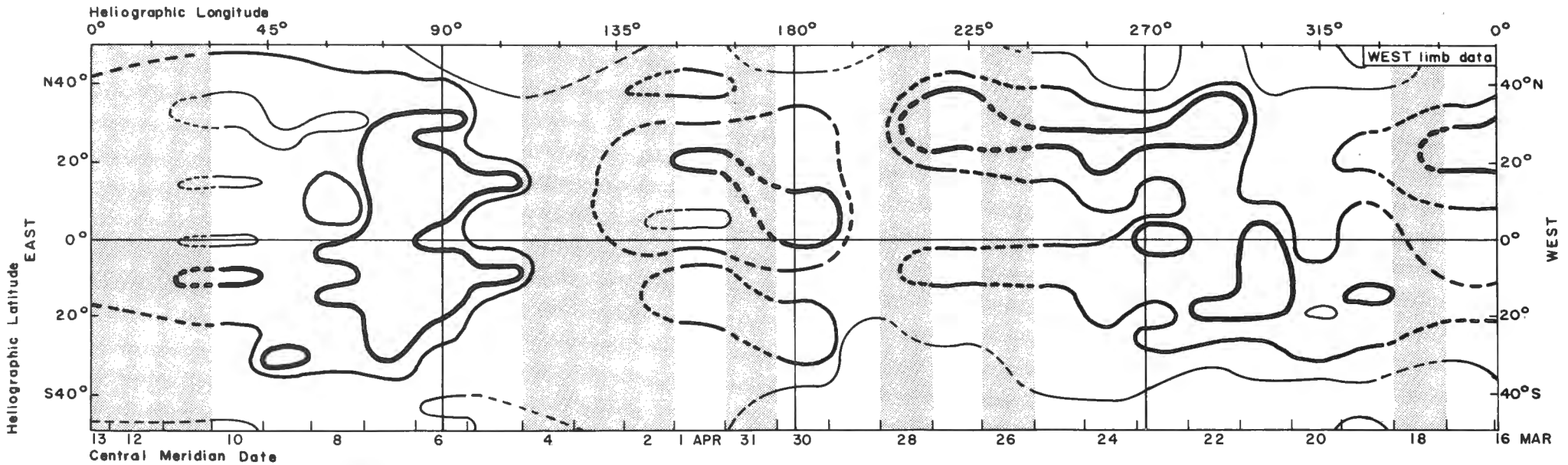
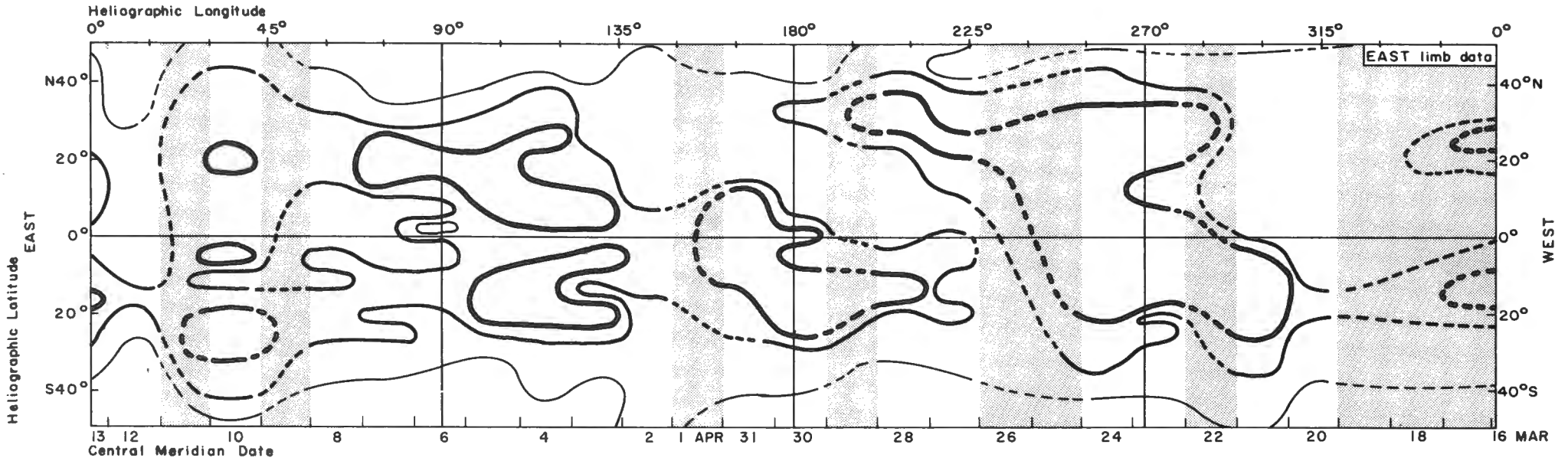
FEBRUARY 17.63-MARCH 16.96, 1970



MARCH 16.96 - APRIL 13.25, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1559



— Extremely bright
— Very bright
— Moderate
No observations

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

LA COURONNE SOLAIRE
des angles de position variant de 5° en 5°
de position est désormais le pôle nord du soleil

d'Arosa
5303 A., dans une échelle de 0 à 50

170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355

Table of intensity values for the solar corona at Arosa, 5303 Å. The table consists of multiple rows of numerical data corresponding to the wavelength markers listed above.

du Pic du Midi
l'intensité, dans la même longueur d'onde, d'un angström du spectre de la photosphère.
de la raie 6374 A., dans les cas où elle a été mesurée. Le signe o placé devant une intensité, veut dire <

175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355

Large table of intensity values for the solar corona at Pic du Midi, 6374 Å. The table contains multiple rows of numerical data, including some entries with a circled 'o' indicating lower intensity. The table ends with month markers like 'Avril 3', 'Mai 2', and 'Juin 1'.

Observatoire

Déterminations effectuées photométriquement, l'unité d'intensité étant égale à 10^{-6} fois l'intensité,
 Pour chaque date, la première ligne se rapporte à l'intensité
 Le signe x indique que l'intensité n'a pas été estimée,

| Date et heure d'observation | | T.U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 1970 | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | |
| Avr. | 1 7 ^h 52 ^m 8 24 | 18 | 15 | 16 | 21 | 16 | 23 | 14 | 14 | 16 | 21 | 53 | 69 | 101 | 90 | 90 | 54 | 42 | 40 | 61 | 113 | 54 | 84 | 76 | 87 | 38 | 34 | 27 | 26 | 25 | 24 | 27 | 24 | 17 | - | |
| | 3 7 52 | x | x | x | x | x | 31 | 27 | 34 | 62 | 50 | 95 | 81 | 81 | 95 | 120 | 79 | 90 | 93 | 91 | 131 | 131 | 136 | 115 | 123 | x | x | x | x | x | x | x | x | x | x | |
| | 6 12 30 | 63 | 48 | 48 | 59 | 51 | 74 | 66 | 71 | 92 | 81 | 103 | 109 | 73 | 109 | 142 | 141 | 132 | 100 | 82 | 112 | 151 | 109 | 101 | 78 | 93 | 93 | 73 | 97 | 58 | 51 | 74 | 56 | 52 | 41 | |
| | 8 6 59 | 18 | 23 | 30 | 23 | 44 | 44 | 39 | 33 | 42 | 41 | 24 | 31 | 74 | 97 | 211 | 176 | 75 | 54 | 38 | 40 | 42 | 71 | 69 | 83 | 46 | 30 | 40 | 55 | 33 | 35 | 33 | 33 | 22 | 33 | |
| | 15 9 00 10 49 | 21 | 22 | 16 | 14 | 18 | 19 | 21 | 21 | 28 | 30 | 39 | 84 | 69 | 164 | 124 | 89 | 85 | 54 | 103 | 106 | 98 | 83 | 71 | 69 | 67 | 58 | 59 | 35 | 30 | 16 | 22 | 17 | 25 | 28 | |
| | 16 6 06 6 38 | 17 | 27 | 19 | 27 | 26 | 23 | 21 | 29 | 41 | 58 | 94 | 106 | 115 | 200 | 149 | 84 | 57 | 65 | 55 | 123 | 125 | 100 | 102 | 96 | 58 | 77 | 47 | x | 42 | 17 | x | 12 | 22 | 29 | |
| | 17 9 54 7 25 | 19 | 28 | 24 | 15 | 31 | 23 | 30 | 34 | 41 | 44 | 70 | 88 | 158 | 147 | 107 | 66 | 35 | 32 | x | 55 | 87 | 131 | 92 | 114 | 80 | 55 | 41 | 22 | 29 | 41 | 28 | 30 | 27 | 38 | |
| | 21 8 10 9 50 | 59 | 32 | 21 | 19 | 21 | 21 | 22 | 12 | 30 | 31 | 36 | 50 | 43 | 47 | 86 | 72 | 41 | 92 | 62 | 56 | 47 | 71 | 52 | 48 | 45 | 41 | 57 | 36 | 29 | 15 | 26 | 27 | 49 | 26 | |
| | 22 11 53 | 37 | 37 | 41 | 73 | 45 | 24 | 36 | 16 | 38 | 64 | 51 | 53 | 55 | 73 | 131 | 137 | 73 | 80 | 73 | 63 | 56 | 59 | 43 | 44 | 26 | 54 | 46 | 43 | 47 | 20 | 73 | 85 | 57 | 36 | |
| May | 3 6 24 6 59 | 22 | 33 | 25 | 18 | 15 | 13 | 30 | 3 | 29 | 29 | 62 | 62 | 66 | 86 | 144 | 164 | 169 | 76 | 48 | 34 | 32 | 40 | 44 | 47 | 44 | 52 | 53 | 36 | 35 | 28 | 37 | 25 | 37 | 30 | |
| | 11 4 57 | 42 | 13 | 7 | 15 | 32 | 40 | 34 | 32 | 51 | 60 | 55 | 58 | 102 | 128 | 112 | 150 | 86 | 70 | 79 | 128 | 130 | 134 | 85 | 96 | 74 | 61 | 62 | 54 | 44 | 44 | 30 | 42 | 46 | 54 | |
| Juin | 2 5 31 6 28 | 49 | 60 | 50 | 46 | 31 | 41 | 54 | 53 | 61 | 56 | 61 | 58 | 93 | 86 | 101 | 72 | 63 | 62 | 99 | 82 | 73 | 87 | 78 | 86 | 50 | 66 | 66 | 54 | 44 | 63 | 56 | 76 | 66 | 47 | |
| | 3 4 49 5 34 | 30 | 39 | 36 | 28 | 43 | 20 | 28 | 36 | 52 | 52 | 46 | 50 | 40 | 68 | 76 | 40 | 18 | 64 | 93 | 139 | 113 | 66 | 48 | 68 | 54 | 57 | 47 | 51 | 44 | x | 31 | 39 | 13 | 22 | |
| | 5 4 18 4 41 | 41 | 29 | 41 | 56 | 46 | 47 | 48 | 61 | 42 | 55 | 64 | 48 | 72 | 71 | 95 | 73 | 101 | 100 | 102 | 143 | 162 | 116 | 107 | 80 | 77 | 78 | 73 | 53 | 42 | 46 | 56 | 32 | 34 | 31 | |
| | 6 4 38 5 12 | 33 | 34 | 40 | 75 | 60 | 57 | 53 | 38 | 53 | 58 | 46 | 72 | 100 | 94 | 101 | 113 | 105 | 103 | 83 | 136 | 190 | 143 | 123 | 71 | 83 | 42 | 38 | 45 | 62 | 52 | 49 | 36 | 34 | 66 | |
| | 12 4 25 4 52 | 3 | 13 | 18 | 14 | 14 | 28 | 24 | 21 | 17 | 28 | 30 | 47 | 75 | 75 | 84 | 34 | 22 | 61 | 46 | 69 | 107 | 47 | 27 | 26 | 48 | 26 | 14 | 13 | 7 | 7 | 16 | 19 | 10 | | |
| | 13 7 42 8 04 | 35 | x | 69 | 44 | 51 | 44 | 43 | 42 | 62 | 63 | 81 | 79 | 122 | 97 | 80 | 87 | 67 | 84 | 95 | 103 | 121 | 122 | 119 | 89 | 79 | 75 | 79 | 64 | 57 | 44 | 38 | 58 | 61 | 60 | |
| | 18 4 35 5 17 | 18 | 20 | 24 | 15 | 16 | 25 | 26 | 9 | 13 | 14 | 25 | 23 | 16 | 80 | 176 | 92 | 69 | 70 | 122 | 225 | 156 | 80 | 30 | 25 | 38 | 15 | 29 | 26 | 23 | 28 | 41 | 24 | 11 | 20 | |
| | 23 3 54 4 27 | 16 | 5 | 28 | 30 | 24 | 29 | 20 | 27 | 20 | 42 | 40 | 31 | 67 | 73 | 65 | 50 | 42 | 46 | 62 | 62 | 85 | 73 | 48 | 40 | 42 | 26 | 35 | 37 | 43 | 36 | 32 | 28 | 23 | 36 | 24 |
| | 24 3 28 3 54 | 16 | 29 | 16 | 22 | 25 | 21 | 18 | 27 | 53 | 57 | 41 | 74 | 123 | 99 | 53 | 51 | 64 | 74 | 96 | 80 | 59 | 66 | 68 | 46 | 56 | 24 | 37 | 30 | 30 | 41 | 38 | 28 | 23 | 11 | |

Observatoire du

Déterminations effectuées photométriquement, l'unité d'intensité étant égale à 10^{-6} fois l'intensité,
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| Date et heure d'observation | | T.U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|------|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|
| 1970 | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | | |
| Apr. | 16 10 ^h 05 ^m 10 57 | m | 0 | 0 | 0 | 10 | 0 | 10 | 14 | 16 | 0 | 23 | 68 | 104 | 234 | 258 | 209 | 117 | 39 | 33 | 38 | 95 | 119 | 72 | 93 | 101 | 99 | 77 | 89 | 26 | 19 | 15 | 6 | 1 | 4 | 0 | 5 |
| Juin | 3 05 50 | p | 0 | 0 | 0 | 20 | 8 | 36 | 17 | 21 | 28 | 29 | 18 | 60 | 78 | 133 | 153 | 87 | 17 | 67 | 102 | 164 | 168 | 78 | 82 | 80 | 77 | 29 | 48 | 47 | 12 | 12 | 6 | 0 | 6 | 0 | |
| | 9 05 49 06 20 | g | 2 | 5 | 0 | 7 | 2 | 0 | 5 | 6 | 11 | 19 | 38 | 73 | 98 | 109 | 183 | 93 | 73 | 75 | 118 | 124 | 132 | 87 | 62 | 18 | 33 | 29 | 5 | 13 | 4 | 0 | 5 | 1 | 0 | 0 | |
| | 13 11 05 | p | 46 | 24 | 21 | 29 | 27 | 12 | 26 | 37 | 41 | 20 | 78 | 96 | 137 | 162 | 134 | 103 | 60 | 78 | 92 | 137 | 132 | 150 | 100 | 79 | 117 | 65 | 38 | 16 | 28 | 24 | 25 | 14 | 15 | 12 | |
| | 16 05 25 | m | 4 | 0 | 2 | 5 | 8 | 17 | 0 | 5 | 8 | 9 | 13 | 18 | 112 | 178 | 157 | 93 | 75 | 114 | 127 | 152 | 138 | 130 | 113 | 38 | 58 | 63 | 21 | 22 | 13 | 28 | 13 | 10 | 4 | 24 | |
| | 19 05 16 06 16 | m | 8 | 19 | 0 | 2 | 14 | 28 | 10 | 33 | 15 | 13 | 30 | 35 | 51 | 116 | 174 | 138 | 131 | 117 | 136 | 219 | 141 | 67 | 9 | 26 | 42 | 38 | 50 | 38 | 21 | 10 | 18 | 15 | 7 | 10 | |
| | 20 05 47 06 32 | m | 0 | 5 | 5 | 0 | 0 | 6 | 10 | 12 | 9 | 10 | 25 | 34 | 27 | 55 | 58 | 39 | 104 | 124 | 60 | 121 | 111 | 33 | 0 | 3 | 10 | 21 | 19 | 22 | 20 | 15 | 8 | 6 | 6 | 0 | |
| | 21 06 09 07 35 | m | 1 | 5 | 7 | 2 | 1 | 6 | 10 | 15 | 32 | 26 | 41 | 81 | 67 | 100 | 121 | 90 | 142 | 128 | 87 | 109 | 203 | 81 | 33 | 27 | 14 | 26 | 20 | 36 | 11 | 22 | 17 | 7 | 12 | 7 | |
| | 22 05 22 06 12 | g | 11 | 0 | 2 | 0 | 0 | 0 | 20 | 18 | 43 | 41 | 28 | 49 | 58 | 82 | 84 | 92 | 79 | 89 | 59 | 90 | 181 | 42 | 34 | 27 | 15 | 2 | 24 | 21 | 26 | 19 | 18 | 13 | 2 | 1 | |
| | | g | 7 | 17 | 15 | 22 | 22 | 17 | 15 | 11 | 4 | 12 | 17 | 14 | 19 | 28 | 13 | 16 | 12 | 34 | 15 | 16 | 33 | 16 | 14 | 15 | 14 | 15 | 12 | 9 | - | - | - | 21 | 19 | 17 | |

de Kislovodsk

dans la même longueur d'onde, d'un angström du spectre de la photosphère au centre du disque solaire.

de la raie 5303 Å. et la seconde à celle de la raie 6374 Å.

le signe — que la raie n'était pas visible ou qu'elle n'était que très faible.

| 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 19 | 20 | 23 | 37 | 15 | 24 | 20 | 17 | 19 | 18 | 27 | 26 | 40 | 45 | 36 | 49 | 45 | 51 | 74 | 81 | 70 | 45 | 46 | 74 | 103 | 127 | 115 | 77 | 62 | 36 | 28 | 21 | 20 | 14 | 14 | 9 | 11 | 9 | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| 72 | 64 | 54 | 88 | 85 | 49 | 64 | 55 | 48 | 54 | 47 | 49 | 83 | 109 | 155 | 147 | 107 | 90 | 99 | 81 | 103 | 103 | 133 | 99 | 94 | 111 | 87 | 81 | 81 | 75 | 63 | 61 | 50 | 50 | 59 | 39 | 56 | 54 | |
| 23 | 26 | 24 | 36 | 26 | 29 | 21 | 21 | 23 | 33 | 35 | 44 | 54 | 54 | 62 | 54 | 77 | 97 | 93 | 68 | 73 | 68 | 106 | 104 | 143 | 98 | 50 | 58 | 76 | 60 | 43 | 43 | 26 | 28 | 40 | 50 | 27 | 12 | |
| 37 | 34 | 32 | 33 | 31 | 35 | 21 | 29 | 35 | 38 | 42 | 52 | 61 | 92 | 110 | 113 | 133 | 116 | 122 | 116 | 64 | 34 | 38 | 74 | 85 | 67 | 93 | 118 | 56 | 45 | 26 | 25 | 37 | 36 | 25 | 22 | 11 | | |
| 11 | 23 | 21 | 26 | 22 | 13 | 19 | 27 | 22 | 21 | 38 | 47 | 62 | 68 | 136 | 94 | 117 | 115 | 98 | 75 | 102 | 75 | 99 | 90 | 97 | 65 | 88 | 107 | 94 | 72 | 67 | 49 | 39 | 36 | 32 | 26 | 25 | 17 | |
| 24 | 36 | 29 | 30 | 27 | 42 | 22 | 32 | 51 | 22 | 23 | 46 | 61 | 42 | 28 | 67 | 92 | 93 | 122 | 95 | 61 | 115 | 112 | 59 | 73 | 76 | 69 | 64 | 72 | 75 | 59 | 39 | 33 | 24 | 22 | 19 | 27 | 26 | |
| 29 | 31 | 24 | 28 | 26 | 26 | 25 | 38 | 35 | 43 | 37 | 29 | 44 | 56 | 55 | 45 | 65 | 76 | 45 | 41 | 44 | 42 | 57 | 84 | 115 | 205 | 150 | 79 | 71 | 47 | 44 | 21 | 11 | 18 | 12 | 18 | 11 | 45 | |
| 26 | 55 | 43 | 44 | x | x | x | x | x | x | x | 54 | 77 | 42 | 49 | 60 | 106 | 79 | 73 | 66 | 52 | 74 | 51 | 104 | 166 | 103 | x | 69 | 34 | 56 | 61 | 46 | x | 35 | 36 | 10 | 33 | 46 | |
| 35 | 18 | 13 | 13 | 30 | 26 | 15 | 23 | 11 | 30 | 30 | 32 | 29 | 31 | 52 | 45 | 52 | 66 | 74 | 47 | 59 | 47 | 35 | 69 | 81 | 62 | 68 | 54 | 56 | 38 | 44 | 9 | 26 | 22 | 16 | 16 | 17 | 28 | |
| 54 | 55 | 39 | 44 | 38 | 37 | 34 | 56 | 24 | 64 | 50 | 40 | 23 | 42 | 47 | 58 | 57 | 92 | 97 | 57 | 53 | 88 | 100 | 88 | 93 | 75 | 89 | 99 | 103 | 76 | 71 | 61 | 69 | 24 | 44 | 15 | 18 | 27 | |
| 43 | 46 | 69 | 39 | 44 | 59 | 47 | 56 | 52 | 77 | 74 | 52 | 81 | 51 | 99 | 81 | 88 | 98 | 101 | 108 | 105 | 125 | 144 | 71 | 84 | 80 | 46 | 45 | 45 | 37 | 33 | 60 | 46 | 42 | 49 | 54 | 65 | 41 | |
| 30 | 41 | 29 | 31 | 40 | 25 | 36 | 17 | 38 | 30 | 32 | 35 | 41 | 38 | 41 | 28 | 26 | 35 | 43 | 23 | 95 | 80 | 40 | 45 | 98 | 126 | 140 | 65 | 37 | 45 | 27 | 32 | 24 | 32 | 26 | 29 | 27 | 13 | |
| 27 | 39 | 28 | 37 | 30 | 43 | 39 | 48 | 51 | 49 | 54 | 59 | 63 | 46 | 32 | 79 | 42 | 45 | 73 | 114 | 126 | 89 | 75 | 108 | 108 | 160 | 119 | 49 | 60 | 54 | 31 | 50 | 27 | 42 | 41 | 33 | 45 | 30 | |
| 48 | 37 | 66 | 43 | 55 | 50 | 53 | 49 | 65 | 54 | 96 | 60 | 50 | 58 | 52 | 71 | 49 | 67 | 99 | 87 | 134 | 73 | 98 | 57 | 104 | 126 | 70 | 79 | 62 | 57 | 50 | 43 | 51 | 62 | 36 | 47 | 46 | 54 | |
| 18 | 14 | 11 | 21 | 11 | 17 | 10 | 17 | 15 | 14 | 10 | 14 | 18 | 24 | 35 | 26 | 21 | 15 | 20 | 30 | 48 | 36 | 39 | 58 | 64 | 65 | 50 | 36 | 30 | 29 | 32 | 19 | 18 | 23 | 9 | 21 | 3 | 8 | |
| 67 | 61 | 65 | 54 | 37 | 63 | 34 | 66 | 39 | 50 | 60 | 50 | 49 | 70 | 58 | 73 | 45 | 56 | 61 | 83 | 76 | 73 | 69 | 92 | 92 | 76 | 74 | 62 | 47 | 43 | 33 | 53 | 37 | 42 | 48 | 51 | 49 | 43 | |
| 24 | 27 | 19 | 15 | 22 | 25 | 12 | 38 | 35 | 26 | 24 | 34 | 29 | 23 | 36 | 42 | 49 | 30 | 42 | 66 | 52 | 37 | 38 | 29 | 24 | 63 | 55 | 5 | 31 | 36 | 38 | 45 | 21 | 32 | 24 | 35 | 22 | 32 | 32 |
| 14 | 24 | 23 | 24 | 18 | 15 | 31 | 17 | 25 | 31 | 27 | 24 | 28 | 28 | 38 | 25 | 15 | 34 | 33 | 52 | 43 | 42 | 38 | 39 | 65 | 88 | 69 | 49 | 47 | 44 | 24 | 29 | 29 | 19 | 14 | 32 | 26 | 23 | 5 |
| 18 | 10 | 13 | 19 | 20 | 20 | 22 | 35 | 13 | 25 | 29 | 20 | 34 | 38 | 25 | 24 | 27 | 36 | 35 | 75 | 77 | 61 | 44 | 54 | 91 | 157 | 141 | 65 | 40 | 67 | 44 | 28 | 28 | 20 | 34 | 25 | 13 | 20 | 2 |

Lomnický Štít

dans la même longueur d'onde, d'un angström du spectre de la photosphère au centre du disque solaire.

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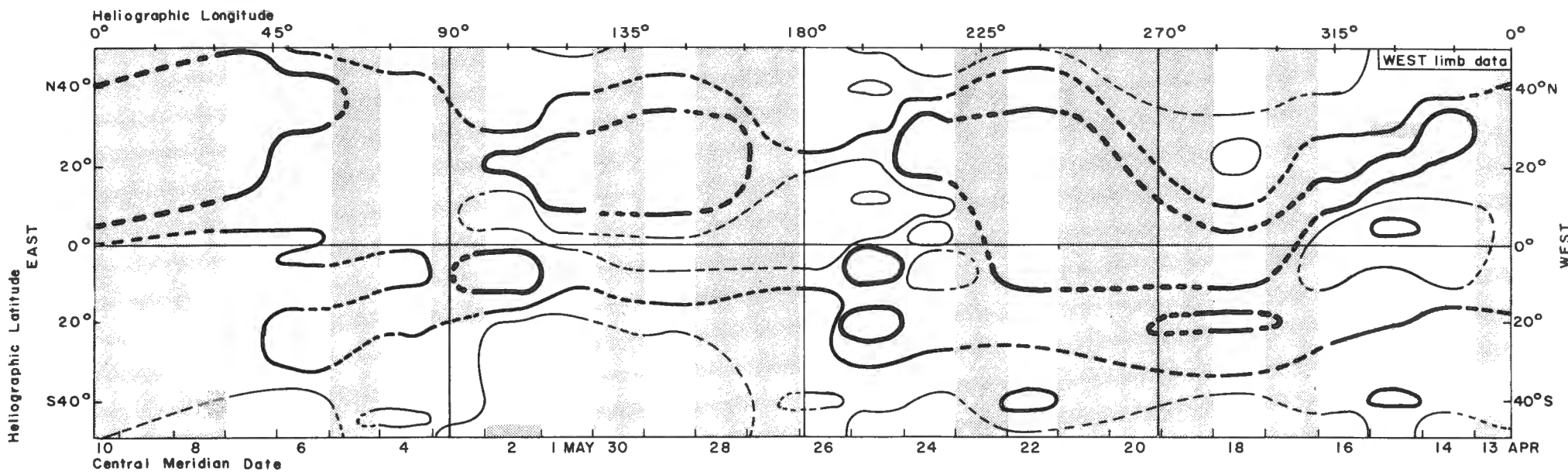
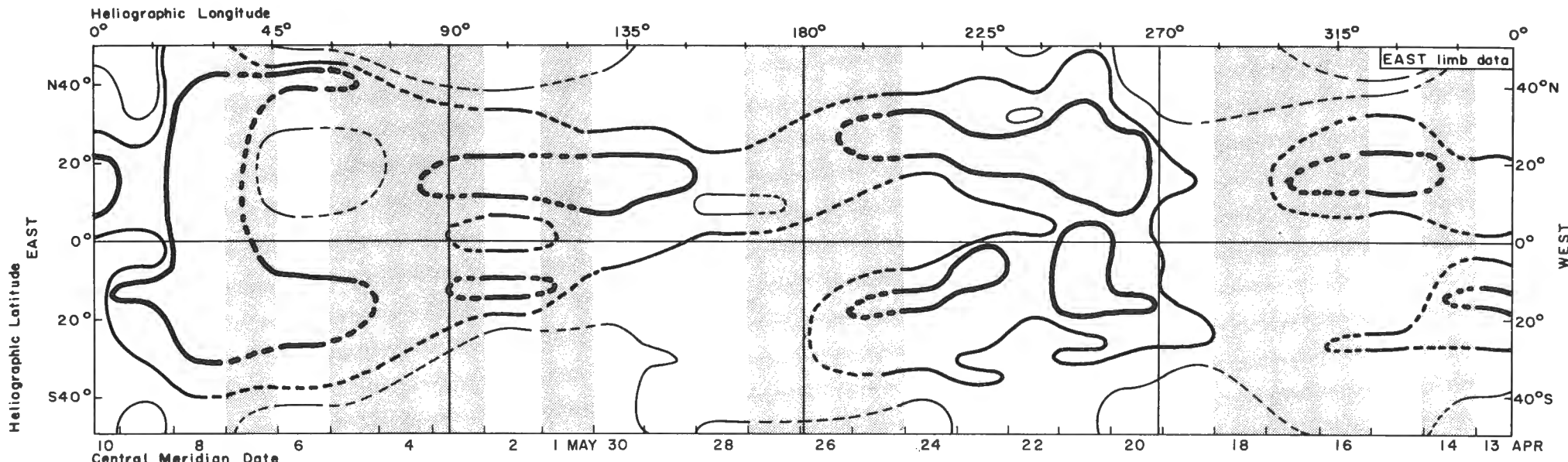
le signe — que la raie n'était pas visible ou qu'elle n'était que très faible.

| 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 14 | 6 | 1 | 10 | 15 | 13 | 0 | 3 | 5 | 18 | 25 | 32 | 85 | 183 | 180 | 286 | 296 | 124 | 180 | 87 | 147 | 199 | 185 | 224 | 101 | 122 | 191 | 120 | 127 | 34 | 22 | 10 | 48 | 36 | 30 | 0 | 11 | 34 |
| 29 | 10 | 23 | 15 | 17 | 17 | 0 | x | 21 | 10 | 26 | 41 | 87 | 66 | 35 | 61 | 77 | 122 | 117 | 116 | 87 | 49 | 117 | 160 | 175 | 126 | 60 | x | 0 | 0 | 0 | 23 | 0 | 0 | 6 | 25 | 14 | 0 |
| 0 | 0 | 0 | 0 | 0 | 1 | 16 | 11 | 18 | 19 | 14 | 8 | 42 | 46 | 80 | 91 | 67 | 132 | 172 | 57 | 77 | 85 | 93 | 108 | 150 | 30 | 90 | 41 | 97 | 62 | 14 | 1 | 0 | 1 | 0 | 6 | 0 | 0 |
| 22 | 23 | 28 | 30 | 26 | 21 | 24 | 15 | 23 | 28 | 14 | 12 | 26 | 13 | 23 | 20 | 22 | 47 | 70 | 7 | 17 | 34 | 17 | 20 | 39 | 25 | 23 | - | - | 11 | 17 | 19 | 10 | 26 | 21 | 25 | 19 | 18 |
| 15 | 30 | 73 | 67 | 23 | 13 | 35 | 27 | 32 | 36 | 41 | 47 | 61 | 47 | 10 | 42 | 62 | 120 | 104 | 61 | 89 | 85 | 124 | 93 | 175 | 122 | 67 | 39 | 48 | 45 | 44 | x | 26 | 20 | 36 | 11 | 14 | 22 |
| 0 | 0 | 0 | 6 | 0 | 13 | 5 | 6 | 0 | 20 | 32 | 0 | 53 | 37 | 22 | 55 | 65 | 134 | 161 | 117 | 62 | 48 | 77 | 140 | 83 | 101 | 42 | 42 | 39 | 43 | 6 | 4 | 10 | 10 | 1 | 2 | 0 | 8 |
| 5 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 7 | 13 | 26 | 26 | 38 | 44 | 62 | 65 | 34 | 120 | 97 | 87 | 67 | 81 | 58 | 147 | 150 | 102 | 81 | 51 | 25 | 22 | 14 | 11 | 8 | 13 | 14 | 5 | 3 | 0 |
| 16 | 16 | 17 | 14 | 18 | 17 | 16 | 16 | 25 | 12 | 11 | 9 | 6 | 9 | 4 | 19 | 22 | 16 | 29 | 20 | 23 | 54 | 54 | 59 | 39 | 30 | 7 | 7 | 12 | 12 | - | - | - | - | 10 | 16 | 15 | 23 |
| 3 | 0 | 1 | 2 | 2 | 5 | 0 | 3 | 0 | 16 | 11 | 1 | 27 | 19 | 33 | 60 | 57 | 86 | 89 | 88 | 56 | 41 | 32 | 104 | 150 | 70 | 83 | 21 | 9 | 12 | 6 | 3 | 4 | 8 | 9 | 1 | 5 | 0 |
| 13 | 14 | 6 | 17 | 36 | 15 | 22 | 13 | 28 | 15 | 8 | - | - | - | 9 | 15 | 31 | 6 | 47 | 9 | 20 | 34 | 65 | 95 | 48 | 11 | 18 | 8 | 28 | 9 | 17 | 10 | 18 | - | - | - | - | - |
| 4 | 5 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 8 | 23 | 24 | 23 | 34 | 45 | 98 | 101 | 150 | 65 | 91 | 59 | 65 | 105 | 119 | 134 | 71 | 30 | 8 | 11 | 0 | 8 | 0 | 7 | 1 | 5 | 4 | 1 |
| 22 | 23 | 13 | 18 | 23 | 16 | 27 | 21 | 16 | 10 | - | - | 12 | 24 | 33 | 22 | 21 | 81 | 36 | 18 | 32 | 44 | 53 | 44 | 15 | 28 | 22 | 11 | - | - | - | - | 3 | 20 | 21 | 18 | 17 | |
| 5 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 8 | 4 | 18 | 20 | 21 | 22 | 26 | 22 | 60 | 74 | 115 | 77 | 48 | 49 | 130 | 161 | 159 | 181 | 54 | 42 | 23 | 19 | 3 | 8 | 6 | 4 | 5 | 6 | 0 | 1 |
| 15 | 21 | 23 | 18 | 28 | 9 | 16 | 23 | 13 | 4 | - | - | 11 | 18 | 17 | 10 | 16 | 32 | 32 | 31 | 53 | 88 | 57 | 64 | 57 | 23 | 10 | 14 | 8 | 19 | 14 | 4 | 11 | 16 | 6 | 15 | 15 | |

APRIL 13 - MAY 10, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1560

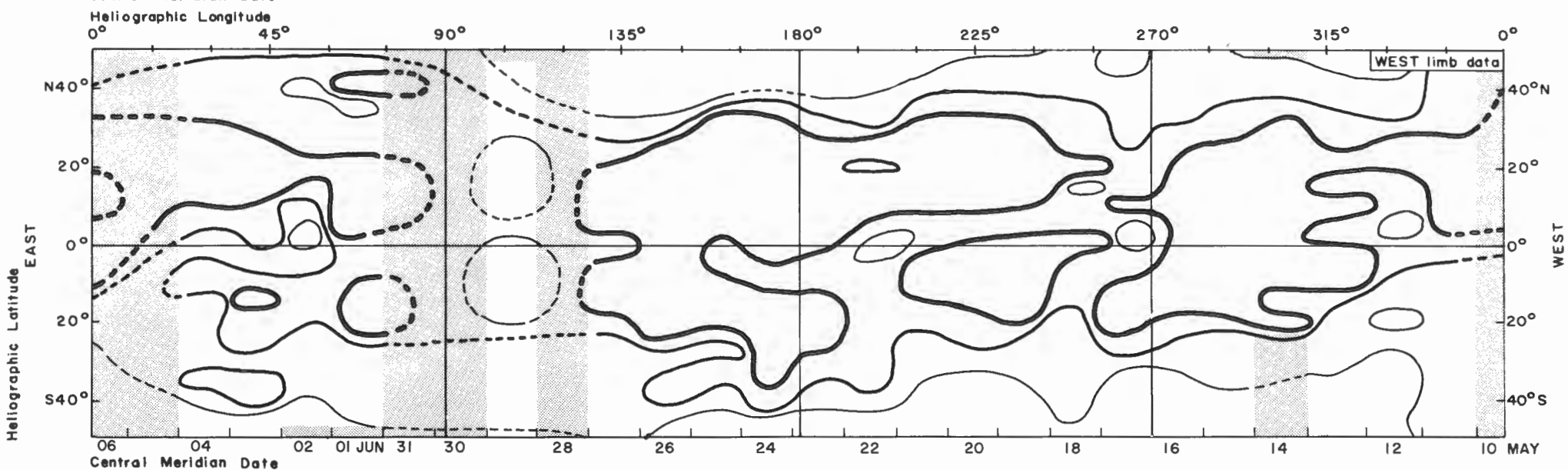
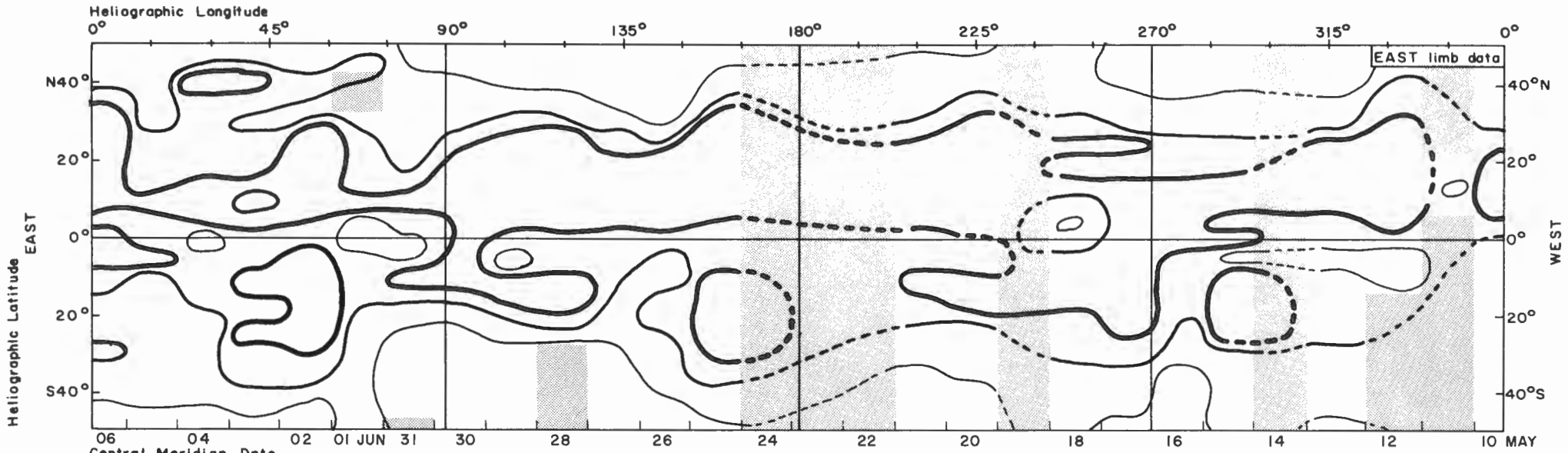


154

MAY 10 - JUNE 6, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1561

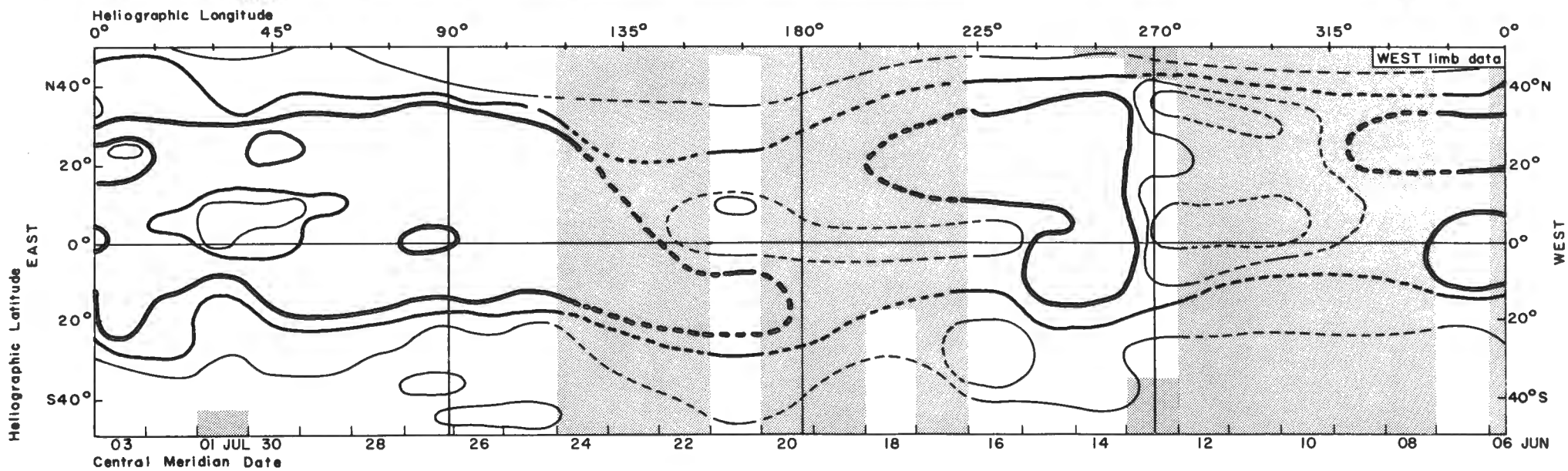
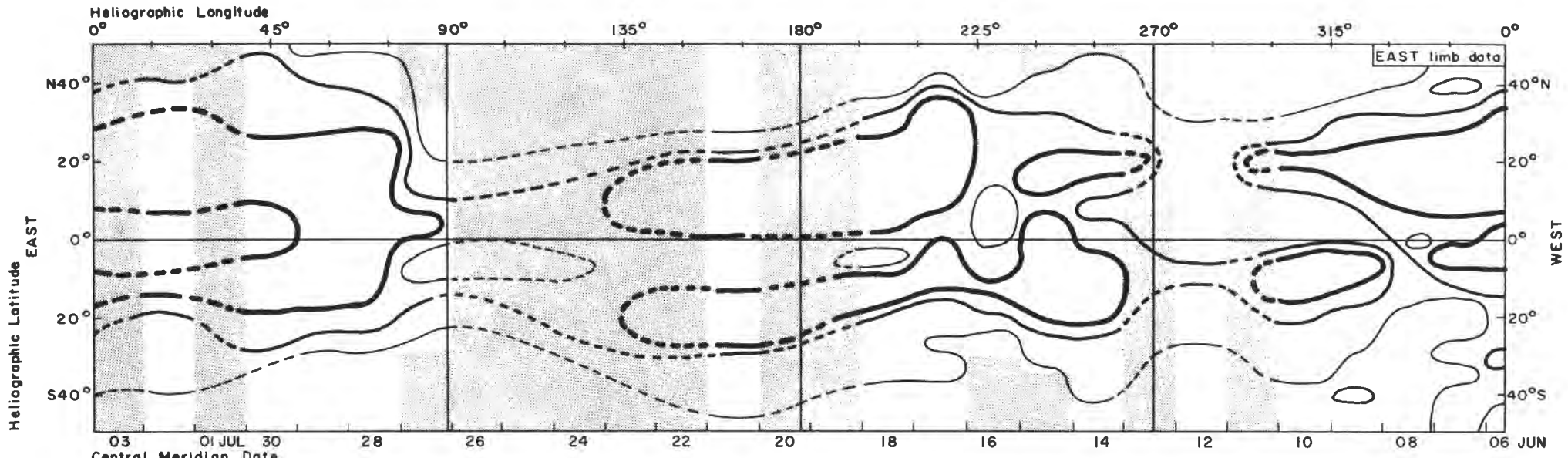


- Extremely bright
- Very bright
- Moderate
- No observations

JUNE 6 - JULY 3, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1562



— Extremely bright
 — Very bright
 — Moderate
 No observations

IV. INTENSITE DE
en lumière monochromatique, selon
Pour toutes les stations, l'origine des angles
Observatoire
Estimations effectuées sur la raie

| Date | Heure d'observation | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | | | |
|---------|---------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--|--|
| 1970 | T.U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| juillet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 13 ^h 20 | - | - | - | - | - | 2 | 3 | 5 | 6 | 9 | 8 | 24 | 11 | 15 | 26 | 24 | 33 | 19 | 22 | 20 | 7 | 10 | 6 | 4 | 4 | 10 | 10 | 6 | 3 | 3 | 2 | 1 | - | | | | |
| 19 | 7 30 | 2 | - | - | - | 1 | 2 | 3 | 4 | 5 | 4 | 15 | 14 | 26 | 25 | 32 | 35 | 24 | 16 | 19 | 37 | 31 | 24 | 17 | 13 | 8 | 7 | 12 | 8 | 10 | 7 | 6 | 4 | 3 | 2 | | | |
| 25 | 16 00 | - | - | - | - | 1 | 2 | 3 | 4 | 5 | 19 | 8 | 15 | 19 | 16 | 20 | 26 | 27 | 23 | 17 | 21 | 35 | 33 | 20 | 9 | 5 | 3 | 2 | - | - | - | - | - | - | | | | |
| 26 | 8 30 | - | - | - | - | - | 1 | 1 | 2 | 5 | 12 | 7 | 11 | 22 | 15 | 22 | 24 | 17 | 13 | 27 | 28 | 40 | 43 | 37 | 31 | 11 | 5 | 3 | 2 | - | - | - | - | - | - | | | |
| 27 | 12 00 | - | - | - | - | - | - | 2 | 3 | 5 | 8 | 5 | 10 | 15 | 25 | 27 | 34 | 32 | 28 | 38 | 25 | 36 | 41 | 40 | 31 | 23 | 9 | 4 | 3 | 2 | - | - | - | - | - | | | |
| 28 | 6 50 | - | - | - | - | - | 1 | 2 | 3 | 5 | 7 | 5 | 6 | 9 | 25 | 22 | 35 | 29 | 20 | 11 | 24 | 26 | 43 | 40 | 15 | 8 | 6 | 5 | 3 | 2 | - | - | - | - | - | | | |
| 29 | 7 20 | - | - | - | - | - | - | 1 | 2 | 2 | 2 | 3 | 6 | 22 | 12 | 12 | 6 | 17 | 14 | 12 | 14 | 34 | 31 | 24 | 11 | 7 | 4 | 3 | 2 | - | - | - | - | - | - | | | |
| août | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 14 20 | - | - | - | - | - | 1 | 3 | 4 | 5 | 8 | 14 | 20 | 25 | 36 | 33 | 28 | 24 | 25 | 28 | 22 | 20 | 22 | 18 | 15 | 13 | 7 | 7 | 8 | 4 | 2 | - | - | - | - | | | |
| 2 | 15 30 | - | - | - | - | - | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 6 | 10 | 30 | 35 | 35 | 26 | 14 | 18 | 12 | 6 | 7 | 9 | 6 | 5 | 4 | 6 | 7 | 4 | 2 | - | - | - | - | | |
| 3 | 15 00 | - | - | - | - | - | - | 1 | 2 | 2 | 2 | 3 | 4 | 6 | 26 | 34 | 32 | 23 | 16 | 9 | 6 | 6 | 6 | 5 | 4 | 4 | 3 | 2 | - | - | - | - | - | - | - | | | |
| 4 | 7 20 | - | - | - | - | - | - | 1 | 2 | 2 | 3 | 5 | 8 | 13 | 33 | 35 | 40 | 23 | 12 | 7 | 7 | 12 | 9 | 6 | 5 | 3 | 2 | - | - | - | - | - | - | - | - | | | |
| 5 | 12 20 | - | - | - | - | - | - | - | 1 | 2 | 2 | 3 | 4 | 8 | 25 | 39 | 35 | 21 | 13 | 8 | 7 | 11 | 11 | 10 | 5 | 4 | 3 | 2 | 2 | - | - | - | - | - | - | | | |
| 8 | 7 00 | - | - | - | - | - | - | 2 | 3 | 3 | 3 | 5 | 7 | 15 | 27 | 21 | 14 | 39 | 23 | 10 | 17 | 15 | 24 | 20 | 15 | 13 | 10 | 5 | 3 | 2 | 2 | 1 | - | - | - | - | | |
| 12 | 12 30 | - | - | - | - | - | - | 1 | 3 | 2 | - | - | 2 | 7 | 27 | 23 | 16 | 20 | 35 | 42 | 10 | 17 | 34 | 14 | 4 | 5 | 12 | 9 | 3 | 5 | 15 | 5 | 2 | 1 | - | - | | |
| 13 | 7 20 | - | - | - | - | - | 1 | 3 | 3 | 3 | 4 | 5 | 5 | 10 | 25 | 32 | 26 | 38 | 36 | 43 | 14 | 15 | 35 | 15 | 6 | 3 | 8 | 13 | 6 | 4 | 8 | 5 | 2 | - | - | - | | |
| sept. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 10 20 | - | 4 | 6 | 8 | 10 | 14 | 16 | 13 | 12 | 12 | 14 | 33 | 24 | 30 | 45 | 32 | 17 | 23 | 10 | 9 | 10 | 7 | 8 | 13 | 14 | 5 | 2 | 1 | - | - | - | - | - | - | | | |
| 27 | 7 30 | 2 | 2 | 3 | 5 | 5 | 4 | 5 | 8 | 24 | 13 | 9 | 22 | 30 | 39 | 43 | 33 | 18 | 15 | 17 | 16 | 15 | 14 | 10 | 12 | 3 | 2 | - | - | - | - | - | - | - | - | | | |
| 28 | 7 20 | 2 | 2 | 2 | 3 | 3 | 3 | 7 | 13 | 18 | 15 | 14 | 24 | 32 | 33 | 39 | 20 | 17 | 10 | 12 | 31 | 22 | 12 | 10 | 7 | 3 | 2 | 1 | - | - | - | - | - | - | - | | | |
| 29 | 11 20 | - | - | - | 1 | 2 | 3 | 4 | 6 | 16 | 12 | 8 | 13 | 24 | 25 | 35 | 23 | 17 | 10 | 7 | 22 | 43 | 22 | 16 | 8 | 5 | 3 | 1 | - | - | - | - | - | - | - | | | |
| 30 | 7 20 | - | - | - | - | 2 | 3 | 5 | 9 | 12 | 6 | 8 | 18 | 20 | 24 | 26 | 22 | 9 | 4 | 7 | 14 | 35 | 22 | 15 | 7 | 5 | 3 | 2 | 2 | - | - | - | - | - | - | | | |

Observatoire
Déterminations effectuées photométriquement, l'unité d'intensité étant égale à 10⁻⁶ fois
Pour chaque date, la première ligne se rapporte à l'intensité de la raie 5303 A. et la seconde à celle

| Date et heure de l'observation | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | | | |
|--------------------------------|--------------------------------|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|--|
| 1970 | T. U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Juil. I | 5 ^h 45 ^m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5 55 | 19 | 17 | 18 | 20 | 24 | 21 | 20 | 24 | 30 | 33 | 32 | 46 | 84 | 96 | 181 | 120 | 104 | 96 | 76 | 92 | 154 | 136 | 118 | 66 | 51 | 41 | 47 | 56 | 38 | 23 | 13 | 15 | 11 | 10 | 10 | | |
| 3 | 6 07 | 16 | 17 | 18 | 18 | 18 | 16 | 19 | 21 | 24 | 40 | 63 | 111 | 114 | 144 | 60 | 56 | 92 | 80 | 90 | 100 | 129 | 136 | 64 | 39 | 33 | 23 | 37 | 31 | 17 | 12 | 10 | 11 | 10 | 11 | | | |
| 4 | 5 55 | 12 | 13 | 15 | 18 | 16 | 18 | 19 | 22 | 24 | 22 | 32 | 62 | 82 | 161 | 198 | 133 | 107 | 75 | 64 | 79 | 96 | 107 | 90 | 66 | 38 | 33 | 37 | 31 | 28 | 24 | 18 | 14 | 13 | 11 | 9 | | |
| 5 | 5 51 | 16 | 17 | 16 | 17 | 15 | 17 | 18 | 22 | 23 | 28 | 37 | 44 | 101 | 134 | 193 | 149 | 88 | 53 | 81 | 108 | 66 | 82 | 90 | 32 | 38 | 43 | 39 | 28 | 19 | 16 | 12 | 10 | 9 | 9 | 7 | | |
| 6 | 5 56 | 13 | 14 | 15 | 14 | 16 | 17 | 18 | 21 | 18 | 26 | 32 | 53 | 70 | 122 | 152 | 203 | 138 | 100 | 75 | 86 | 64 | 52 | 42 | 23 | 17 | 28 | 37 | 29 | 21 | 14 | 12 | 11 | 10 | 10 | 9 | | |
| 10 | 7 07 | 7 | 7 | 8 | 9 | 11 | 9 | 14 | 12 | 15 | 19 | 12 | 31 | 42 | 78 | 114 | 132 | 72 | 49 | 46 | 62 | 105 | 95 | 55 | 46 | 23 | 19 | 16 | 12 | 10 | 9 | 8 | 7 | 8 | 7 | 7 | | |
| --R | 8 17 | 6 | 7 | 8 | 6 | 7 | 6 | 7 | 6 | 5 | 7 | 8 | 11 | 9 | 22 | 46 | 28 | 12 | 16 | 22 | 8 | 56 | 20 | 8 | 4 | 5 | 6 | 5 | 4 | 5 | 6 | 8 | 7 | 6 | 4 | 5 | | |
| 13 | 9 53 | 10 | 7 | 5 | 7 | 9 | 8 | 7 | 12 | 18 | 21 | 24 | 47 | 106 | 198 | 106 | 115 | 94 | 104 | 115 | 143 | 236 | 104 | 60 | 54 | 47 | 32 | 24 | 22 | 20 | 16 | 13 | 11 | 12 | 11 | 13 | | |
| 16 | 7 07 | 14 | 15 | 17 | 18 | 20 | 18 | 15 | 18 | 20 | 28 | 75 | 174 | 143 | 160 | 180 | 148 | 74 | 48 | 64 | 48 | 26 | 28 | 42 | 30 | 24 | 29 | 16 | 12 | 13 | 12 | 11 | 10 | 10 | 10 | | | |
| --R | 8 11 | 10 | 11 | 9 | 11 | 13 | 11 | 10 | 9 | 8 | 7 | 9 | 14 | 9 | 13 | 30 | 42 | 13 | 8 | 14 | 17 | 19 | 8 | 7 | 7 | 6 | 6 | 8 | 7 | 8 | 8 | 9 | 7 | 6 | 6 | | | |
| 17 | 6 29 | 8 | 7 | 6 | 7 | 7 | 9 | 8 | 8 | 10 | 15 | 21 | 62 | 92 | 89 | 113 | 186 | 164 | 102 | 54 | 38 | 22 | 12 | 10 | 7 | 8 | 7 | 9 | 7 | 7 | 8 | 7 | 6 | 7 | 6 | 6 | | |
| --R | 7 22 | 6 | 5 | 7 | 6 | 5 | 7 | 10 | 13 | 16 | 19 | 20 | 13 | 14 | 24 | 37 | 26 | 30 | 16 | 12 | 17 | 12 | 8 | 7 | 8 | 10 | 8 | 7 | 8 | 7 | 6 | 5 | 5 | 6 | 6 | 5 | | |
| 21 | 8 29 | 14 | 16 | 20 | 18 | 17 | 20 | 24 | 26 | 28 | 34 | 42 | 51 | 136 | 194 | 156 | 215 | 114 | 88 | 64 | 82 | 144 | 110 | 150 | 135 | 56 | 30 | 24 | 22 | 20 | 18 | 17 | 15 | 14 | 13 | 14 | | |
| 23 | 7 05 | 14 | 13 | 15 | 13 | 12 | 17 | 22 | 26 | 38 | 60 | 82 | 120 | 148 | 128 | 160 | 182 | 120 | 180 | 208 | 184 | 143 | 96 | 67 | 53 | 40 | 34 | 28 | 24 | 20 | 17 | 14 | 12 | 13 | 12 | 13 | | |
| --R | 8 48 | 7 | 8 | 10 | 9 | 8 | 8 | 9 | 10 | 12 | 13 | 15 | 19 | 14 | 11 | 32 | 38 | 42 | 34 | 37 | 30 | 15 | 13 | 11 | 9 | 9 | 8 | 8 | 7 | 7 | 8 | 8 | 7 | 6 | 6 | 6 | | |
| 24 | 7 21 | 11 | 11 | 12 | 13 | 15 | 13 | 14 | 17 | 20 | 32 | 50 | 70 | 92 | 120 | 146 | 180 | 192 | 166 | 148 | 200 | 222 | 194 | 148 | 70 | 26 | 20 | 15 | 14 | 12 | 14 | 13 | 12 | 11 | 12 | 13 | | |
| --R | 8 13 | 6 | 7 | 6 | 8 | 7 | 7 | 8 | 9 | 10 | 8 | 9 | 9 | 11 | 9 | 24 | 33 | 69 | 26 | 50 | 71 | 26 | 20 | 16 | 14 | 10 | 12 | 10 | 8 | 7 | 6 | 6 | 6 | 6 | 7 | 7 | | |
| 25 | 7 34 | 15 | 13 | 14 | 16 | 17 | 20 | 24 | 27 | 31 | 47 | 51 | 80 | 102 | 92 | 118 | 192 | 149 | 208 | 164 | 140 | 178 | 180 | 130 | 72 | 45 | 30 | 24 | 22 | 20 | 17 | 14 | 12 | 11 | 10 | 12 | | |
| --R | 8 34 | 10 | 10 | 10 | 10 | 10 | 12 | 14 | 15 | 17 | 20 | 18 | 19 | 17 | 21 | 45 | 74 | 34 | 25 | 48 | 44 | 25 | 22 | 20 | 17 | 14 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| 26 | 7 37 | 14 | 13 | 15 | 16 | 18 | 19 | 21 | 24 | 26 | 32 | 44 | 53 | 66 | 72 | 82 | 106 | 112 | 107 | 143 | 157 | 152 | 127 | 108 | 75 | 46 | 20 | 16 | 14 | 15 | 13 | 12 | 10 | 11 | 10 | 12 | | |
| --R | 8 25 | 8 | 7 | 7 | 6 | 7 | 9 | 12 | 13 | 11 | 13 | 15 | 17 | 19 | 23 | 45 | 74 | 60 | 26 | 20 | 80 | 59 | 22 | 19 | 12 | 10 | 11 | 15 | 18 | 13 | 11 | 10 | 8 | 9 | 8 | 8 | | |
| 27 | 6 49 | 18 | 16 | 15 | 17 | 18 | 16 | 17 | 22 | 30 | 38 | 23 | 42 | 58 | 72 | 112 | 130 | 98 | 132 | 174 | 123 | 180 | 116 | 60 | 70 | 46 | 16 | 13 | 14 | 12 | 11 | 9 | 10 | 12 | 10 | 8 | | |
| --R | 7 45 | 6 | 7 | 5 | 6 | 5 | 6 | 8 | 9 | 8 | 9 | 8 | 9 | 11 | 10 | 13 | 16 | 19 | 32 | 23 | 52 | 26 | 53 | 42 | 26 | 13 | 18 | 12 | 10 | 9 | 10 | 9 | 7 | 8 | 7 | 8 | 9 | |
| août | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 7 50 | - | - | - | - | - | 17 | 18 | 20 | 23 | 27 | 32 | 76 | 133 | 146 | 130 | 82 | 71 | 27 | 48 | 76 | 61 | 34 | 24 | 23 | 25 | 21 | 19 | 17 | 15 | 13 | 13 | 12 | 10 | 9 | | | |
| 2 | 6 35 | 10 | 9 | 10 | 12 | 13 | 16 | 17 | 20 | 24 | 29 | 34 | 56 | 80 | 128 | 172 | 142 | 80 | 88 | 93 | 55 | 37 | 40 | 35 | 30 | | | | | | | | | | | | | |

Table with 38 columns (175-355) and 40 rows of numerical data. The table contains a grid of numbers, some of which are bolded. The last column contains dates: 'Août 7', 'Sept. 1', and '30'. The data appears to be a calendar or a specific data set with a grid-like structure.

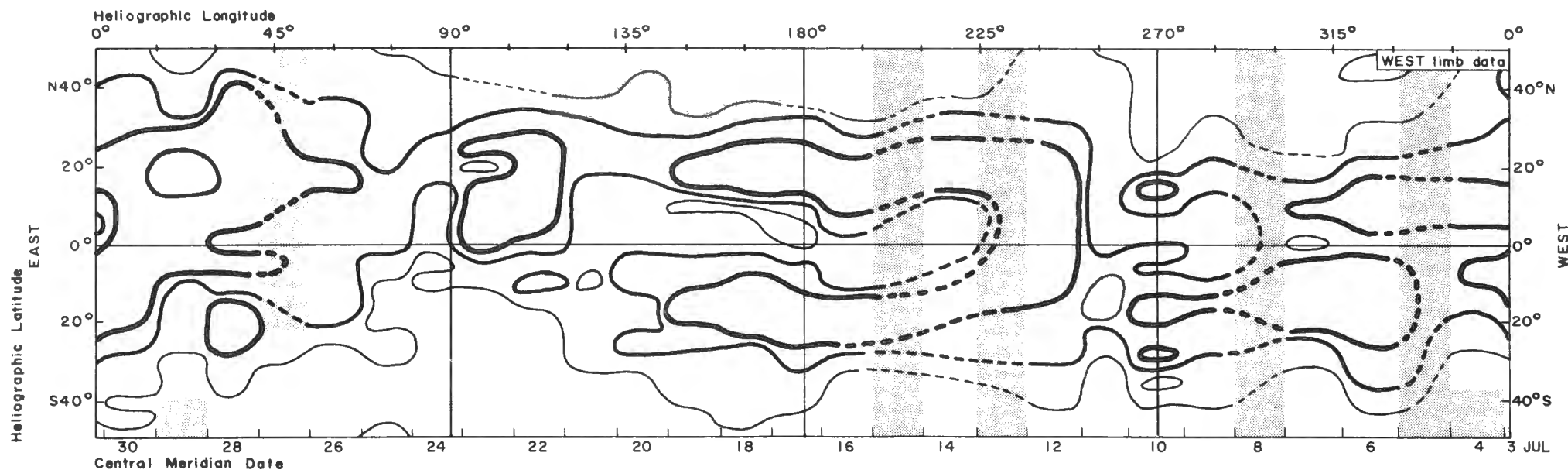
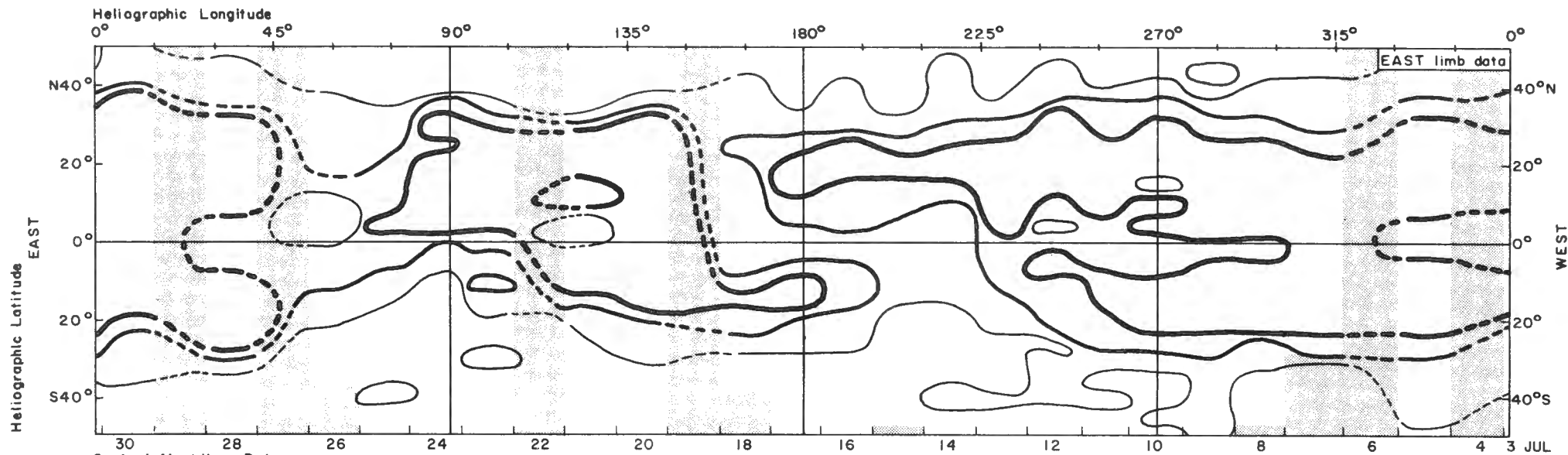
Wendelstein
dans une échelle de 0 à 50.

Table with 38 columns (170-355) and 20 rows of numerical data. The table contains a grid of numbers, some of which are bolded. The data appears to be a continuation of a calendar or a specific data set with a grid-like structure.

JULY 3 - JULY 31, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1563



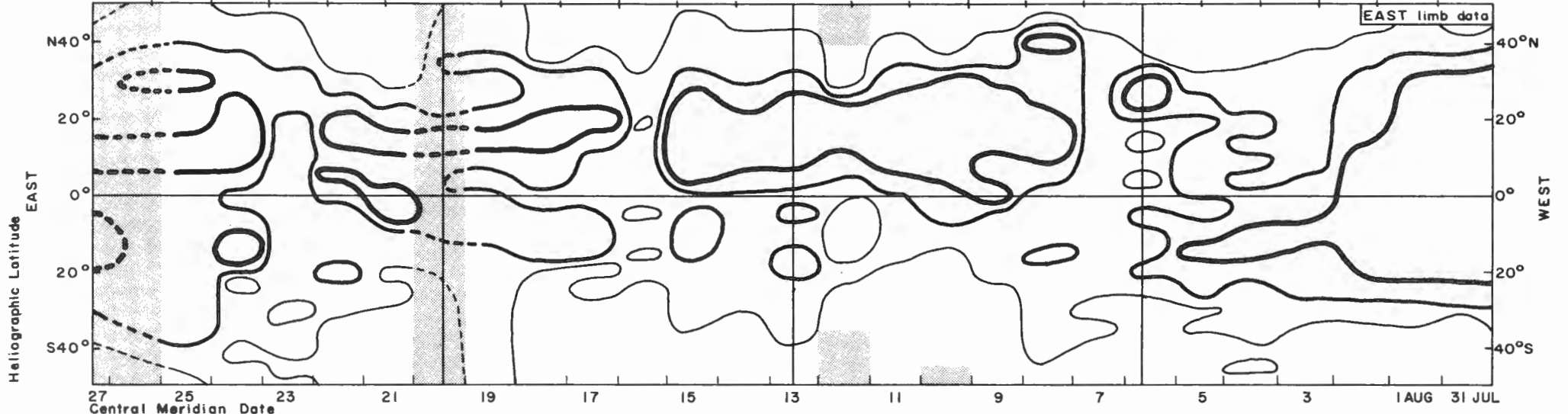
- Extremely bright
- Very bright
- Moderate
- No observations

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

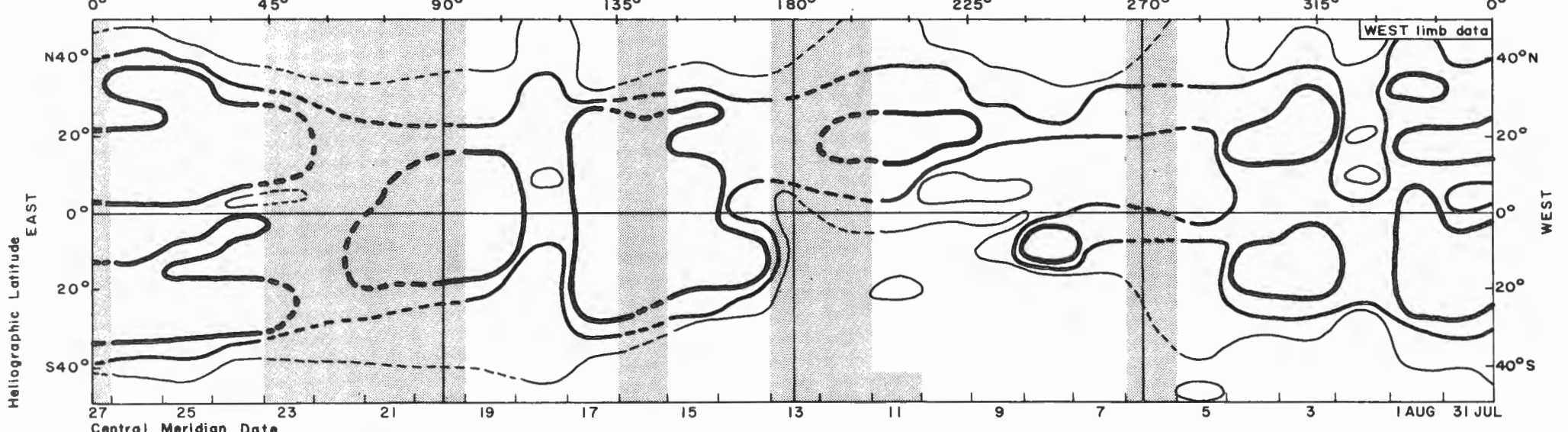
ROT. NO. 1564

JULY 31 - AUGUST 27, 1970

Heliographic Longitude
0° 45° 90° 135° 180° 225° 270° 315° 0°



Heliographic Longitude
0° 45° 90° 135° 180° 225° 270° 315° 0°

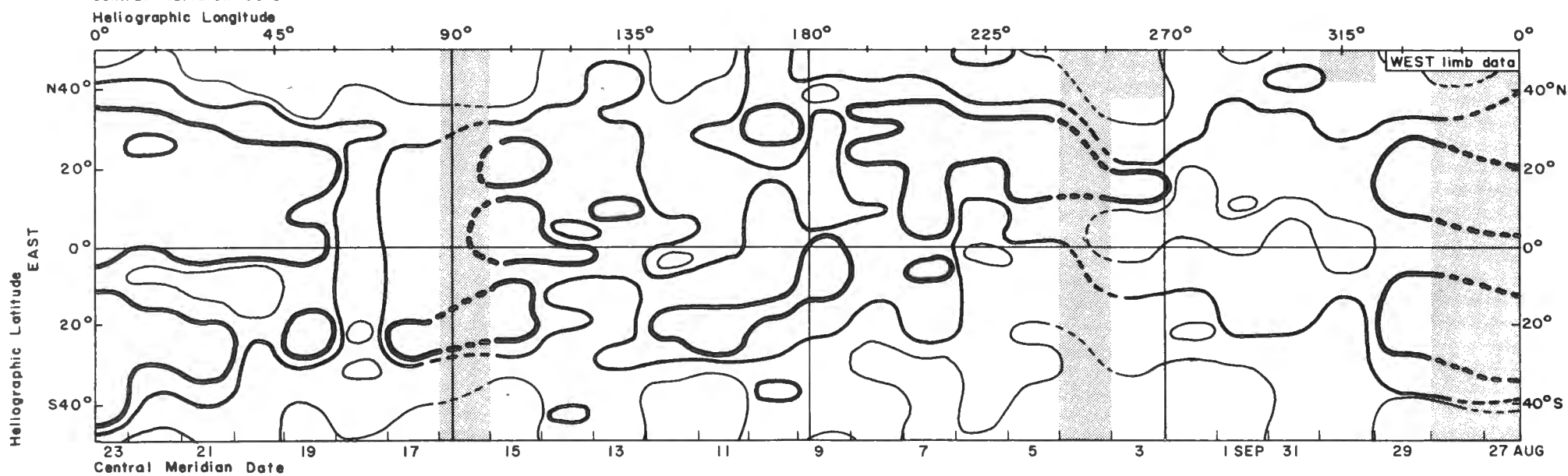
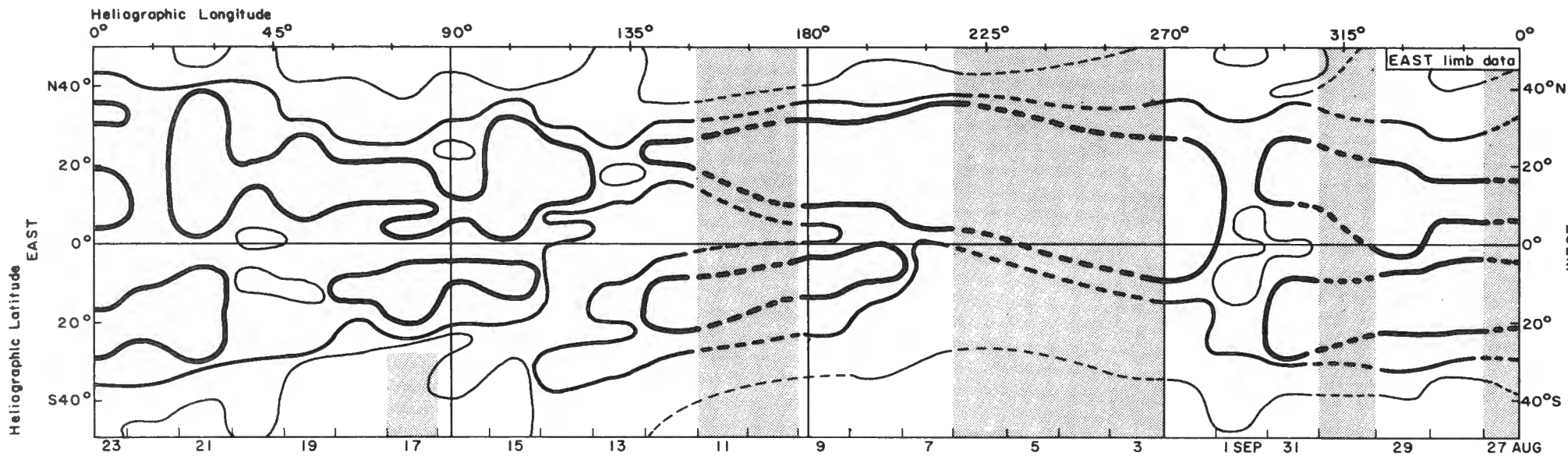


- Extremely bright
- Very bright
- Moderate
- No observations

AUGUST 27 - SEPTEMBER 23, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1565



- Extremely bright** (thickest solid line)
- Very bright** (thick solid line)
- Moderate** (thin solid line)
- No observations** (shaded area)

Observatoire du
Estimations effectuées sur la raie 5303 A.,

| Date et Heure d'observation | | 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------|------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| U.T. | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | |
| Okt. | 6 10 ^h | - | - | - | - | - | - | - | - | - | - | 1 | 5 | 7 | 12 | 18 | 22 | 17 | 15 | 14 | 12 | 16 | 15 | 8 | 6 | 4 | 2 | 4 | 2 | 1 | - | - | - | - | - | |
| | 7 13 | - | - | - | - | - | - | - | - | 2 | 3 | 4 | 6 | 12 | 19 | 21 | 29 | 35 | 37 | 36 | 31 | 26 | 19 | 11 | 22 | 17 | 10 | 7 | 5 | 4 | 2 | - | - | - | - | - |
| | 11 9 | - | - | - | - | - | - | - | 2 | 3 | 4 | 6 | 12 | 19 | 21 | 29 | 35 | 37 | 36 | 31 | 26 | 19 | 11 | 22 | 17 | 10 | 7 | 5 | 4 | 2 | - | - | - | - | - | |
| | 12 9 | - | - | - | - | - | - | - | - | 1 | 2 | 2 | 3 | 4 | 14 | 26 | 33 | 34 | 38 | 26 | 20 | 14 | 15 | 16 | 28 | 25 | 26 | 16 | 12 | 7 | 5 | 3 | 2 | 1 | - | - |
| | 13 8 | - | - | - | - | - | - | - | - | 1 | 2 | 6 | 13 | 22 | 16 | 32 | 36 | 40 | 36 | 18 | 12 | 12 | 15 | 16 | 22 | 26 | 22 | 16 | 12 | 5 | 2 | 1 | - | - | - | - |
| | 16 10 | 1 | - | - | - | - | - | 1 | 2 | 5 | 9 | 15 | 13 | 19 | 28 | 33 | 31 | 29 | 26 | 22 | 17 | 21 | 23 | 28 | 21 | 19 | 13 | 8 | 5 | 2 | 1 | - | - | - | - | - |
| Nov. | 8 13 | - | - | - | - | - | 1 | 1 | 2 | 7 | 8 | 10 | 13 | 16 | 23 | 34 | 31 | 26 | 21 | 19 | 21 | 26 | 20 | 19 | 16 | 13 | 9 | 7 | 3 | 1 | 1 | - | - | - | - | - |
| | 30 9 | - | - | - | - | - | 1 | 2 | 3 | 2 | 2 | 3 | 15 | 23 | 30 | 15 | 5 | 3 | 4 | 15 | 24 | 19 | 24 | 19 | 14 | 12 | 8 | 3 | 1 | - | - | - | - | - | - | |
| | 12 12 | - | - | - | - | - | 1 | 2 | 3 | 7 | 11 | 15 | 18 | 25 | 30 | 31 | 34 | 37 | 32 | 29 | 31 | 25 | 20 | 16 | 13 | 9 | 5 | 2 | 1 | 1 | - | - | - | - | - | |
| | 20 14 | x | x | x | x | x | x | x | x | x | 7 | 11 | 20 | 33 | 33 | 38 | 36 | 38 | 31 | 20 | 22 | 19 | 12 | 12 | 7 | 5 | x | x | x | x | x | x | x | x | x | |
| | 23 11 | - | - | - | - | - | - | 2 | 3 | 4 | 5 | 8 | 11 | 25 | 29 | 32 | 29 | 17 | 13 | 14 | 19 | 31 | 34 | 17 | 14 | 14 | 16 | 13 | 7 | 4 | 3 | 2 | - | - | - | - |
| | 24 9 | - | - | - | - | - | - | 2 | 4 | 4 | 5 | 7 | 13 | 29 | 31 | 35 | 32 | 16 | 13 | 21 | 28 | 29 | 27 | 25 | 15 | 20 | 19 | 13 | 9 | 4 | 3 | 2 | - | - | - | - |
| Dez. | 25 10 | - | - | 1 | 2 | 3 | 4 | 9 | 8 | 10 | 8 | 12 | 26 | 32 | 38 | 36 | 32 | 28 | 18 | 25 | 32 | 36 | 32 | 33 | 31 | 33 | 28 | 15 | 8 | 4 | 2 | 1 | - | - | - | - |
| | 27 11 | - | - | - | 1 | 3 | 4 | 6 | 7 | 11 | 10 | 17 | 24 | 38 | 32 | 28 | 25 | 17 | 19 | 24 | 29 | 31 | 27 | 18 | 15 | 13 | 11 | 8 | 5 | 2 | 1 | - | - | - | - | |
| | 6 10 | - | - | - | - | 1 | 1 | 2 | 2 | 2 | 3 | 6 | 15 | 24 | 32 | 34 | 33 | 32 | 31 | 28 | 26 | 23 | 25 | 20 | 16 | 7 | 3 | 2 | 2 | 2 | 1 | - | - | - | - | |
| | 8 12 | - | - | - | - | - | 2 | 3 | 4 | 2 | 6 | 8 | 12 | 17 | 23 | 28 | 27 | 34 | 37 | 28 | 24 | 21 | 21 | 19 | 12 | 6 | 2 | 1 | - | - | - | - | - | - | - | |
| | 9 10 | - | - | - | - | - | 1 | 2 | 4 | 5 | 3 | 8 | 14 | 18 | 27 | 28 | 28 | 30 | 34 | 36 | 24 | 15 | 18 | 20 | 15 | 8 | 3 | 2 | - | - | - | - | - | - | - | |
| | 10 12 | - | - | - | - | - | - | - | - | - | 1 | 2 | 6 | 8 | 12 | 18 | 24 | 32 | 29 | 28 | 26 | 28 | 25 | 24 | 19 | 15 | 7 | 5 | 2 | 1 | - | - | - | - | - | - |

Observatoire
Intensité de la raie 5303 A., l'unité d'intensité étant égale à 10⁻⁶ fois
Le signe X indique que l'intensité n'a pas été déterminée; le signe — que

| Date | Heure d'observation (T.U.) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | | | |
|----------|----------------------------|---|---|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|
| Oct. | 5 23 00 | 6 | 7 | 8 | 8 | 9 | 9 | 9 | 14 | 11 | 12 | 13 | 20 | 31 | 45 | 56 | 56 | 65 | 60 | 48 | 42 | 65 | 75 | 48 | 33 | 25 | 16 | 15 | 13 | 11 | 10 | 9 | 9 | 8 | 8 | | | |
| | 6 06 25 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 12 | 20 | 27 | 39 | 45 | 56 | 56 | 62 | 81 | 79 | 65 | 94 | 87 | 65 | 52 | 33 | 21 | 15 | 11 | 9 | 8 | 8 | 8 | 7 | 7 | | | |
| | 6 22 43 | - | - | - | - | - | - | - | - | 6 | 7 | 11 | 27 | 33 | 29 | 43 | 39 | 39 | 39 | 33 | 36 | 52 | 48 | 29 | 23 | 14 | 14 | 12 | 10 | 7 | 6 | - | - | - | - | | | |
| | 7 22 10 | - | - | - | - | - | - | - | - | - | 6 | 6 | 8 | 16 | 36 | 45 | 45 | 36 | 31 | 31 | 29 | 27 | 31 | 33 | 29 | 27 | 17 | 9 | 8 | 7 | 5 | 6 | 6 | 5 | 5 | | | |
| | 8 05 55 | - | - | - | - | - | - | - | - | - | - | 10 | 12 | 20 | 33 | 52 | 48 | 31 | 23 | 23 | 31 | 25 | 27 | 29 | 31 | 29 | 27 | 17 | 10 | 9 | - | - | - | - | - | | | |
| | 9 02 13 | - | - | - | - | - | - | - | - | 4 | 5 | 7 | 8 | 13 | 33 | 70 | 79 | 52 | 52 | 48 | 45 | 29 | 25 | 21 | 20 | 25 | 9 | 5 | 6 | 5 | 4 | - | - | - | - | | | |
| | 14 22 25 | - | - | - | - | - | - | - | 5 | 8 | 14 | 26 | 18 | 21 | 29 | 33 | 39 | 39 | 31 | 23 | 21 | 23 | 20 | 27 | 23 | 21 | 16 | 11 | 8 | 6 | 5 | - | - | - | - | | | |
| | 15 07 36 | - | - | - | - | - | - | 5 | 7 | 9 | 12 | 16 | 21 | 27 | 29 | 33 | 39 | 39 | 33 | 18 | 21 | 29 | 16 | 20 | 16 | 15 | 11 | 7 | 6 | 5 | 5 | - | - | - | - | | | |
| | 15 22 31 | 8 | 7 | - | - | - | 8 | 9 | 12 | 17 | 27 | 29 | 42 | 52 | 45 | 56 | 70 | 45 | 16 | 36 | 25 | 27 | 33 | 42 | 31 | 16 | 13 | 8 | 7 | 6 | - | - | - | - | - | | | |
| | 17 22 19 | - | - | - | - | - | - | 7 | 10 | 12 | 15 | 25 | 29 | 31 | 52 | 55 | 48 | 42 | 36 | 27 | 31 | 36 | 25 | 21 | 20 | 15 | 14 | 11 | 9 | 8 | 6 | - | - | - | - | - | | |
| | 19 22 31 | - | - | - | - | - | - | 8 | 9 | 10 | 14 | 16 | 18 | 23 | 31 | 48 | 75 | 56 | 39 | 42 | 56 | 56 | 31 | 29 | 16 | 13 | 11 | 8 | - | - | - | - | - | - | - | - | | |
| | 20 22 28 | - | - | 5 | 5 | 6 | 8 | 10 | 12 | 15 | 20 | 25 | 31 | 39 | 39 | 52 | 56 | 36 | 29 | 33 | 60 | 65 | 36 | 23 | 20 | 16 | 12 | 9 | 6 | 5 | - | - | - | - | - | - | | |
| | 21 06 05 | - | - | - | - | - | 6 | 8 | 9 | 10 | 14 | 20 | 27 | 36 | 33 | 39 | 70 | 65 | 36 | 33 | 31 | 39 | 60 | 45 | 36 | 23 | 16 | 12 | 9 | 7 | - | - | - | - | - | - | | |
| 21 22 47 | - | - | - | - | - | 7 | 7 | 9 | 15 | 18 | 31 | 45 | 65 | 81 | 87 | 70 | 39 | 15 | 13 | 29 | 39 | 20 | 18 | 16 | 13 | 7 | - | - | - | - | - | - | - | - | - | | | |
| 23 00 00 | - | - | - | - | - | 20 | 21 | 23 | 25 | 29 | 31 | 39 | 56 | 118 | 118 | 109 | 101 | 56 | 36 | 29 | 23 | 26 | 23 | 20 | 17 | 18 | 16 | - | - | - | - | - | - | - | - | - | | |
| 24 00 10 | - | - | - | - | - | 10 | 14 | 16 | 17 | 21 | 39 | 52 | 81 | 118 | 118 | 118 | 86 | 65 | 52 | 45 | 45 | 25 | 3 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Nov. | 1 02 00 | - | - | - | 6 | 5 | 8 | 8 | 11 | 11 | 9 | 8 | 15 | 33 | 33 | 65 | 75 | 101 | 94 | 48 | 52 | 48 | 31 | 25 | 25 | 15 | 11 | 8 | 6 | 5 | - | - | - | - | - | - | | |
| | 2 00 29 | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 27 | 45 | 45 | 48 | 29 | 27 | 33 | 33 | 39 | 31 | 21 | 14 | 10 | 9 | 8 | 8 | - | - | - | - | - | | |
| | 3 23 54 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 8 | 12 | 17 | 25 | 25 | 29 | 25 | 21 | 25 | 17 | 11 | 8 | - | - | - | - | - | - | - | - | - | | |
| | 7 23 21 | - | - | - | - | - | - | - | - | - | 7 | 10 | 21 | 39 | 52 | 52 | 42 | 48 | 33 | 23 | 18 | 14 | 14 | 14 | 5 | 8 | 8 | 8 | 8 | - | - | - | - | - | - | - | - | |
| | 8 22 28 | - | - | - | - | - | - | - | - | - | 8 | 8 | 14 | 21 | 33 | 33 | 33 | 23 | 18 | 18 | 14 | 14 | 5 | 8 | 8 | 8 | 8 | 8 | - | - | - | - | - | - | - | - | - | |
| | 9 05 03 | - | - | - | - | - | - | - | - | 7 | 7 | 9 | 21 | 29 | 42 | 52 | 65 | 39 | 36 | 33 | 23 | 14 | 8 | 8 | 6 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | |
| | 9 22 24 | - | - | - | - | - | - | - | - | 8 | 9 | 13 | 20 | 33 | 36 | 36 | 29 | 27 | 27 | 18 | 19 | 13 | 8 | 7 | 7 | 7 | 7 | - | - | - | - | - | - | - | - | - | - | |
| | 12 00 05 | - | - | - | - | - | - | - | - | 8 | 8 | 12 | 16 | 23 | 39 | 48 | 36 | 25 | 33 | 33 | 25 | 15 | 14 | 12 | 8 | 8 | 6 | - | - | - | - | - | - | - | - | - | - | |
| | 12 06 14 | - | - | - | - | - | - | 8 | 8 | 9 | 13 | 17 | 18 | 31 | 48 | 48 | 45 | 45 | 35 | 31 | 21 | 14 | 9 | 7 | 6 | 6 | - | - | - | - | - | - | - | - | - | - | - | |
| | 16 02 35 | - | - | - | 6 | 6 | 9 | 10 | 15 | 15 | 20 | 21 | 23 | 31 | 39 | 65 | 36 | 27 | 27 | 25 | 29 | 42 | 39 | 29 | 45 | 20 | 9 | - | - | - | - | - | - | - | - | - | - | |
| | 17 04 19 | - | - | - | - | 8 | 9 | 16 | 14 | 18 | 25 | 20 | 21 | 29 | 33 | 39 | 52 | 29 | 21 | 18 | 21 | 31 | 39 | 21 | 15 | 21 | 10 | 8 | 7 | - | - | - | - | - | - | - | - | |
| | 20 23 55 | - | - | - | - | - | - | - | - | - | 7 | 8 | 11 | 20 | 31 | 33 | 39 | 27 | 21 | 13 | 9 | 14 | 16 | 10 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 22 00 55 | - | - | - | - | - | - | - | - | - | 8 | 9 | 10 | 15 | 27 | 29 | 23 | 27 | 16 | 13 | 15 | 13 | 27 | 29 | 21 | 16 | 12 | 9 | 12 | 9 | 8 | - | - | - | - | - | - | - |
| 26 25 57 | - | - | - | - | - | - | - | - | - | 10 | 12 | 15 | 20 | 27 | 45 | 42 | 36 | 33 | 23 | 21 | 20 | 52 | 39 | 33 | 27 | 23 | 23 | 20 | 13 | - | - | - | - | - | - | - | - | |
| Dec. | 7 00 44 | - | - | 7 | 8 | 9 | 9 | 11 | 13 | 18 | 25 | 25 | 31 | 56 | 87 | 65 | 60 | 109 | 52 | 42 | 33 | 45 | 56 | 52 | 39 | 25 | 23 | 17 | 11 | 9 | 8 | - | - | - | | | | |

Wendelstein

dans une échelle de 0 à 50.

Table with 40 columns (170-355) and multiple rows of numerical data and symbols (x, -) representing spectral intensity measurements.

du Mt. Norikura

l'intensité, dans la même longueur d'onde, du spectre de la photosphère. la raie de la couronne n'était pas visible à l'angle de position considéré.

Large table with 40 columns (170-355) and multiple rows of numerical data and symbols (x, -) representing spectral intensity measurements from Mt. Norikura.

Observatoire

Déterminations effectuées photométriquement, l'unité d'intensité étant égale à 10⁻⁶ fois l'intensité,

Pour chaque date, la première ligne se rapporte à l'intensité

Le signe x indique que l'intensité n'a pas été estimée,

| Date et heure d'observation | | E.U. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|------|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|
| | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | | | |
| 1970 Oct. | 2 6 ^h 04 ^m 6 50 | 50 | 37 | 72 | 49 | 54 | 70 | 56 | 38 | 36 | 51 | 57 | 71 | 87 | 72 | 53 | 59 | 63 | 71 | 66 | 59 | 79 | 94 | 97 | 91 | 64 | 57 | 38 | 48 | 37 | 51 | 35 | 37 | 41 | 52 | | | |
| | 3 5 18 6 27 | 40 | 45 | 73 | x | 51 | 44 | 37 | 50 | 53 | 48 | 92 | 63 | 107 | 98 | 58 | 37 | 47 | 42 | 62 | x | x | 106 | 128 | 105 | 64 | 34 | 46 | 52 | 59 | 50 | 62 | 29 | 56 | 47 | | | |
| | 10 7 12 8 02 | 35 | 36 | 29 | 37 | 55 | 22 | 26 | 41 | 36 | 40 | 86 | 97 | 133 | 183 | 241 | 179 | 220 | 160 | 146 | 110 | 104 | 159 | 103 | 59 | 62 | 75 | 64 | 54 | 44 | 54 | 54 | 53 | 45 | 36 | 19 | | |
| | 11 5 48 6 22 | 43 | 28 | 36 | 28 | 47 | 45 | 40 | 46 | 24 | 52 | 94 | 97 | 118 | 175 | 147 | 132 | 151 | 120 | 157 | 111 | 103 | 128 | 81 | 56 | 7 | 53 | 33 | 43 | 25 | 41 | 43 | 42 | 49 | 50 | 48 | 6 | |
| | 12 6 01 6 51 | 27 | 51 | 28 | 25 | 14 | 21 | 9 | 22 | 3 | 17 | 35 | 62 | 88 | 105 | 101 | 149 | 129 | 112 | 118 | 112 | 112 | 76 | 68 | 92 | x | x | 40 | 34 | 40 | x | 31 | 11 | 37 | 7 | 20 | | |
| | 18 7 35 8 05 | 26 | 25 | 22 | 21 | 12 | 21 | 29 | 20 | 16 | 41 | 17 | 84 | 50 | 119 | 110 | 107 | 73 | 80 | 64 | 88 | 83 | 58 | 74 | 42 | 47 | 28 | 24 | 39 | 28 | 22 | 13 | 10 | 11 | 15 | - | | |
| | 22 8 39 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| | 23 5 32 6 00 | 12 | 18 | 4 | 18 | - | - | - | 4 | - | 19 | 10 | 20 | 66 | 116 | 95 | 64 | 41 | 60 | 20 | 18 | 28 | 9 | 13 | 15 | 8 | 4 | 17 | 15 | - | - | - | - | - | - | - | - | |
| | 24 5 21 6 03 | 24 | 29 | 21 | 25 | 41 | 26 | x | 45 | 50 | 61 | 43 | 72 | 128 | 158 | 175 | 168 | 97 | 116 | 89 | 81 | 70 | 42 | 58 | 55 | 7 | 49 | 38 | 34 | 28 | 21 | 8 | 30 | 17 | 25 | 22 | 24 | |
| | 31 6 32 8 17 | 10 | 12 | 10 | 14 | 14 | 13 | 15 | 16 | 12 | 18 | 17 | 29 | 51 | 33 | 29 | 68 | 48 | x | 101 | 126 | 81 | 58 | 23 | 13 | 12 | 21 | 18 | 11 | 9 | 9 | 14 | 13 | 11 | - | - | | |
| 1970 Nov. | 2 6 12 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| | 8 9 12 | 24 | 46 | 21 | 17 | 41 | 55 | 26 | 36 | 17 | 47 | 54 | 87 | 98 | 126 | 120 | 96 | 88 | 66 | 38 | 43 | 19 | 54 | 66 | 51 | 47 | 18 | 13 | 22 | 15 | 22 | 6 | - | 22 | 26 | x | | |
| | 10 8 28 9 21 | 16 | 18 | 15 | 14 | 12 | 17 | 19 | 28 | 29 | 33 | 45 | 137 | 135 | 123 | 110 | 139 | 120 | 125 | 117 | 67 | 77 | 31 | 30 | 30 | 38 | 13 | 8 | 33 | 13 | 7 | 6 | 25 | 11 | 19 | 6 | | |
| | 11 11 38 | 19 | x | 14 | 35 | 15 | 23 | 16 | 17 | 14 | 27 | 27 | 60 | 113 | 96 | 87 | 91 | 91 | 91 | 113 | 96 | 104 | 95 | 48 | 51 | 33 | 28 | 22 | 24 | 17 | 20 | 15 | 17 | 22 | 13 | x | x | |
| | 13 8 33 9 04 | 12 | 15 | 16 | 18 | 12 | 16 | 9 | 14 | 25 | 21 | 26 | 37 | 62 | 101 | 84 | 114 | 95 | 92 | 75 | 34 | 51 | 50 | 18 | 16 | 24 | 28 | 9 | 11 | 9 | 13 | 9 | 9 | 9 | 11 | 9 | | |
| | 14 6 02 6 36 | 19 | 6 | 16 | 10 | 21 | 10 | 23 | 19 | 15 | 18 | 22 | 43 | 62 | 115 | 72 | 93 | 65 | 55 | 52 | 20 | 55 | 60 | 70 | 37 | 31 | 28 | 24 | 7 | 19 | 12 | 10 | 17 | 10 | 8 | 12 | 6 | 6 |
| | 17 7 59 8 30 | 10 | 12 | 18 | 15 | 13 | 19 | 32 | 15 | 51 | 45 | 35 | 56 | 73 | 68 | 74 | 100 | 55 | 60 | 38 | 51 | 86 | 79 | 73 | 38 | 16 | 18 | 14 | 25 | 7 | 13 | 14 | 18 | 10 | 10 | 10 | 7 | |
| | 20 5 38 6 00 | 10 | 26 | 20 | 10 | 11 | 28 | 21 | 23 | 26 | 37 | 65 | 96 | 80 | 168 | 122 | 129 | 150 | 82 | 79 | 62 | 68 | 44 | 51 | 29 | 21 | 38 | 35 | 23 | 26 | 19 | 21 | 26 | 19 | 23 | - | - | |
| | 23 6 59 7 46 | 17 | 21 | 28 | 24 | 16 | 24 | 18 | 36 | 23 | 29 | 37 | 118 | 93 | 128 | 96 | 76 | 46 | 95 | 103 | 100 | 127 | 94 | 83 | 93 | 62 | 94 | 36 | 33 | 19 | 18 | 19 | 5 | 20 | 8 | 8 | - | |
| | 27 6 52 | 15 | 14 | 15 | 11 | 11 | 10 | 12 | 12 | 15 | 14 | 40 | 58 | 74 | 78 | 84 | 34 | 34 | 40 | 47 | 72 | 56 | 70 | 53 | 48 | 30 | 39 | 20 | 16 | 10 | 25 | 12 | 11 | 14 | 13 | x | x | |
| 28 7 32 8 01 | 13 | 7 | 11 | 14 | 12 | 18 | 16 | 21 | 32 | 30 | 24 | 40 | 54 | 86 | 87 | 74 | 52 | 29 | 55 | 82 | 127 | 92 | 114 | 73 | 50 | 31 | 35 | 35 | 21 | 22 | 18 | 12 | 20 | 13 | 14 | 14 | x | |
| 29 5 58 6 33 | 11 | 13 | 23 | 14 | 12 | 15 | 16 | 18 | 14 | 28 | 16 | 30 | 32 | 78 | 94 | 47 | 43 | 30 | 44 | 72 | 153 | 162 | 114 | 79 | 74 | 45 | 55 | 34 | 21 | 31 | 16 | 3 | 19 | 15 | 15 | - | | |
| 30 9 57 10 28 | 10 | 10 | 26 | 14 | 28 | 29 | 32 | 28 | 42 | 35 | 25 | 34 | 29 | 10 | 7 | 60 | x | 61 | x | 166 | 124 | x | 139 | 107 | 61 | 32 | 31 | 32 | 20 | 40 | 30 | 36 | 26 | - | - | | | |
| 1970 Dec. | 9 6 28 6 58 | 12 | 11 | 10 | 15 | 15 | 18 | 19 | 24 | 26 | 28 | 61 | 81 | 112 | 126 | 181 | 6 | 174 | 180 | 116 | 144 | 147 | 89 | 81 | 44 | 35 | 30 | 21 | 21 | 34 | 10 | 20 | 25 | 6 | 10 | 27 | 7 | |
| | 12 8 22 7 06 | 36 | 16 | 21 | 48 | 33 | 30 | 42 | 28 | 41 | 38 | 34 | 60 | 107 | 108 | 149 | 234 | 119 | 114 | 162 | 101 | 115 | 181 | 94 | 52 | 60 | 51 | 40 | 35 | 49 | 45 | 23 | 23 | 33 | 30 | 11 | x | |
| | 13 8 34 | 16 | 18 | 17 | 22 | 21 | 21 | 23 | 14 | 37 | 31 | 25 | 41 | 58 | 74 | 99 | 119 | 113 | 82 | 61 | 58 | 72 | 134 | 111 | 72 | 50 | 38 | 31 | 20 | 25 | 14 | 18 | 28 | 29 | 27 | x | x | |
| | 14 7 38 | 13 | 15 | 33 | 16 | 12 | 28 | 33 | 29 | 63 | 45 | 59 | 77 | 72 | 143 | 239 | 183 | 94 | 98 | 114 | 143 | 204 | 97 | 94 | 92 | 46 | 35 | 31 | 46 | 37 | 44 | 36 | 26 | 30 | 31 | x | x | |
| | 20 8 26 7 42 | 11 | 12 | 20 | 29 | 29 | 31 | 21 | 31 | 22 | 25 | 63 | 46 | 57 | 76 | 75 | 91 | 58 | 73 | 86 | 127 | 151 | 140 | 95 | 46 | x | x | x | x | x | x | x | x | x | x | x | x | x |
| | 22 10 43 11 32 | 19 | 23 | 34 | 37 | 27 | 21 | 35 | 20 | 26 | 33 | 23 | 17 | 77 | 120 | 122 | 114 | 145 | 76 | 57 | 41 | 85 | 89 | 101 | 83 | 72 | 6 | 75 | 71 | 56 | 31 | 31 | 18 | 11 | 15 | 9 | - | |
| | 23 5 32 6 04 | 11 | 15 | 8 | 12 | 8 | 15 | 8 | 21 | 12 | 21 | 22 | 21 | 32 | 39 | 81 | 104 | 73 | 20 | 20 | 28 | 40 | 12 | 58 | 68 | 54 | 46 | 73 | 8 | 4 | - | 1 | 20 | 6 | 1 | - | | |
| | 24 10 40 11 26 | 16 | 28 | 35 | 26 | 30 | 28 | 22 | 37 | 28 | 44 | 34 | 82 | 50 | 108 | 101 | 88 | 55 | 47 | 50 | 83 | 89 | 73 | 113 | 83 | 5 | 79 | 98 | 91 | 72 | 46 | 21 | 18 | 41 | 32 | 14 | x | |
| | 25 7 06 6 27 | 11 | 20 | 15 | 9 | 15 | 16 | 9 | 20 | 33 | 41 | 51 | 61 | 81 | 70 | 63 | 30 | 49 | 47 | 35 | 46 | 69 | 103 | 107 | 138 | 82 | 87 | 98 | 86 | 40 | 28 | 20 | 24 | 13 | 14 | 17 | x | |
| | 26 6 11 6 27 | 21 | 14 | 8 | 12 | 18 | 13 | 19 | 14 | 23 | 26 | 6 | 22 | 38 | 41 | 43 | 25 | 30 | 30 | 56 | 65 | 112 | 111 | 84 | 47 | 43 | 32 | 24 | 26 | 17 | 8 | 9 | 17 | 20 | 11 | - | - | |
| 27 10 48 11 16 | 29 | 22 | 22 | 27 | 21 | 36 | 42 | 36 | 68 | 36 | 64 | 48 | 60 | 99 | 69 | 83 | 74 | 78 | 99 | 109 | 151 | 104 | 100 | 76 | 80 | 64 | 32 | 27 | 17 | 17 | 25 | 25 | 25 | 26 | 15 | 15 | | |
| 29 6 48 7 25 | 9 | 11 | 6 | 3 | 10 | 20 | 21 | 8 | 16 | 34 | 36 | 48 | 45 | 54 | 60 | 62 | 76 | 60 | 76 | 109 | 74 | 56 | 40 | 36 | 36 | 29 | 27 | 20 | 17 | 13 | 18 | 20 | 18 | 23 | - | - | | |

de Kislovodsk

dans la même longueur d'onde, d'un angström du spectre de la photosphère au centre du disque solaire.

de la raie $\zeta 303$ A. et la seconde à celle de la raie 6374 A.

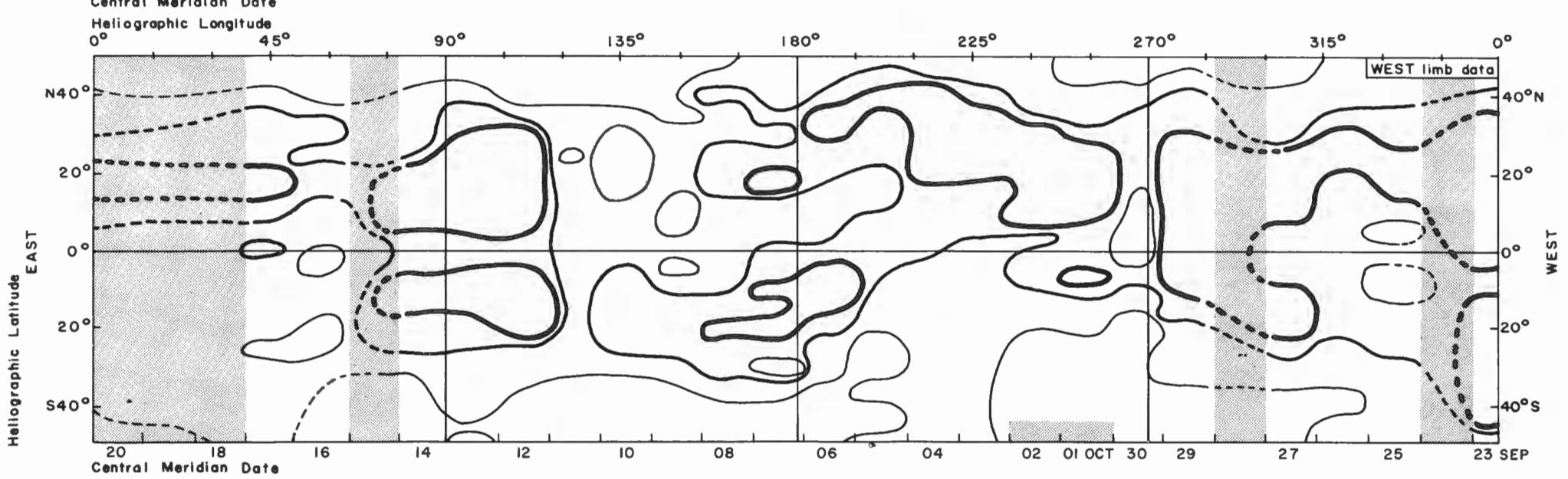
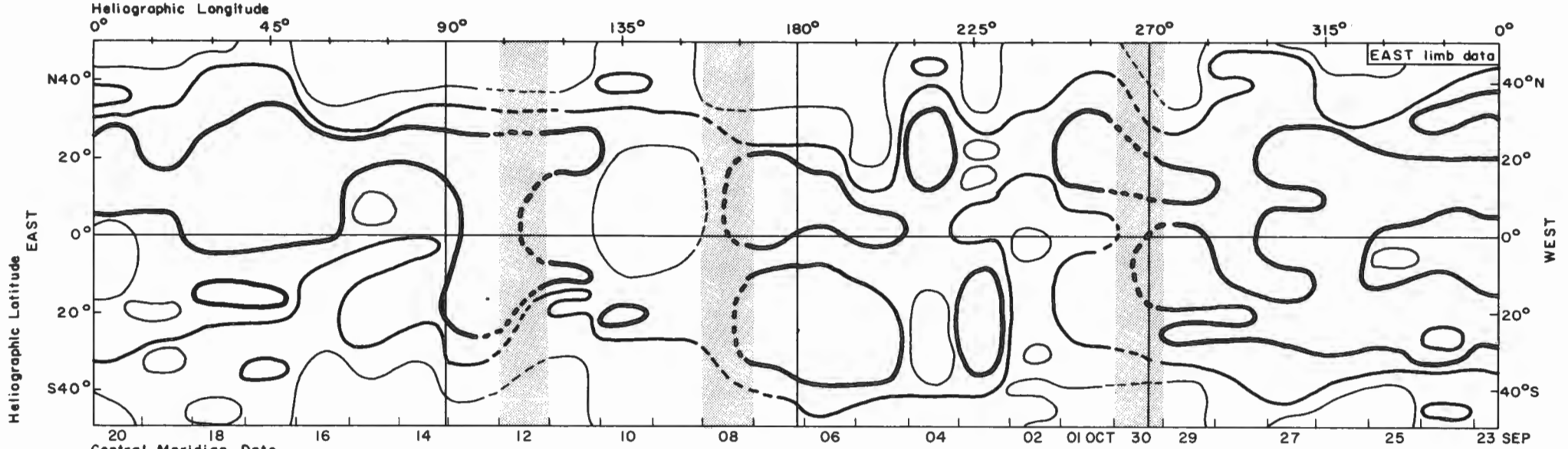
le signe — que la raie n'était pas visible ou qu'elle n'était que très faible.

| 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 45 | 54 | 35 | 41 | 32 | 42 | 28 | 43 | 40 | 48 | 46 | 40 | 35 | 67 | 56 | 74 | 80 | 80 | 65 | 68 | 74 | 67 | 89 | 134 | 136 | 124 | 100 | 82 | 70 | 56 | 53 | 36 | 54 | 37 | 52 | 38 | 59 | 64 | | |
| 8 | 17 | 17 | 10 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 | 26 | 14 | 5 | 17 | 13 | 11 | - | - | - | - | - | - | - | - | | |
| 40 | 30 | 23 | 45 | 51 | 39 | 20 | 19 | 24 | 45 | 32 | 52 | 27 | 41 | 31 | 57 | 76 | 87 | 109 | 97 | 91 | 78 | 74 | 94 | 118 | 123 | 140 | 97 | 61 | 41 | 53 | 39 | 41 | 41 | 28 | 26 | 50 | 64 | | |
| 5 | 3 | - | 15 | 17 | - | - | 8 | - | 14 | 10 | - | - | 8 | 11 | 7 | - | 3 | - | - | 9 | 4 | - | 24 | 63 | 22 | 63 | 6 | - | 7 | 11 | 6 | 4 | 6 | 13 | 13 | 5 | 4 | | |
| 61 | 38 | 45 | 37 | 28 | 47 | 30 | 32 | 41 | 40 | 44 | 32 | 24 | 52 | 43 | 65 | 30 | 32 | 68 | 60 | 43 | 77 | 73 | 105 | 123 | 165 | 169 | 161 | 77 | 63 | x | x | x | 40 | 51 | 36 | 35 | 43 | | |
| 17 | 18 | 31 | - | 21 | 21 | 14 | - | - | 16 | - | - | 5 | 5 | 13 | - | - | - | 6 | 6 | 14 | - | - | 10 | 44 | 58 | 38 | 22 | - | - | - | - | - | - | - | - | - | - | | |
| 44 | 49 | 36 | 36 | 22 | 28 | 27 | 34 | 29 | 31 | 30 | 50 | 36 | 34 | 41 | 58 | 31 | 50 | 51 | 47 | 78 | 81 | 84 | 84 | 122 | 164 | 146 | 132 | 129 | 63 | 47 | 76 | 49 | 57 | 57 | 44 | 49 | 31 | | |
| 4 | 8 | 6 | 2 | 5 | 8 | 27 | 34 | 29 | 31 | 30 | 50 | 36 | 34 | 41 | 58 | 31 | 50 | 51 | 47 | 78 | 81 | 84 | 84 | 122 | 164 | 146 | 132 | 129 | 63 | 47 | 76 | 49 | 57 | 57 | 44 | 49 | 31 | | |
| 39 | 23 | 32 | 40 | 65 | 35 | 12 | 27 | 34 | 41 | 43 | 12 | 27 | 51 | 23 | 8 | 42 | 37 | 33 | 52 | 80 | 75 | 93 | 58 | 47 | 79 | 97 | 111 | 154 | 102 | 70 | 32 | 32 | 59 | 36 | 28 | 46 | 10 | | |
| 19 | 15 | 19 | 23 | 20 | 10 | 13 | 11 | 9 | 9 | 3 | 2 | 5 | 7 | 11 | 7 | 42 | 37 | 33 | 52 | 80 | 75 | 93 | 58 | 47 | 79 | 97 | 111 | 154 | 102 | 70 | 32 | 32 | 59 | 36 | 28 | 46 | 10 | | |
| 15 | 18 | - | 8 | 18 | 19 | 17 | 16 | x | 24 | 25 | 17 | 25 | 14 | 55 | 40 | 48 | 55 | 54 | 64 | 52 | 62 | 43 | 42 | 43 | 28 | 49 | 37 | 22 | 32 | 26 | 32 | 16 | 34 | 28 | 25 | 25 | 38 | | |
| - | - | - | - | - | - | - | - | 6 | - | - | - | 7 | - | - | - | - | - | - | 12 | - | - | - | - | 9 | 22 | 19 | 6 | - | - | - | - | - | - | - | - | - | - | - | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| - | 8 | 3 | 10 | 8 | - | 10 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 29 | 52 | 16 | - | - | 18 | 17 | - | - | - | - | - | - | - | - | | |
| - | 3 | - | - | x | - | - | - | - | - | - | - | - | 17 | 14 | 17 | 19 | 37 | 37 | 28 | 14 | 53 | 47 | 92 | 60 | 83 | 26 | 76 | 50 | 28 | 17 | - | - | - | - | - | - | - | | |
| 23 | 21 | 29 | 14 | 20 | 26 | 15 | 35 | 46 | 37 | 40 | 32 | 32 | 43 | 37 | 23 | 34 | 59 | 65 | 68 | 73 | 61 | 87 | 159 | 153 | 99 | 97 | 90 | 58 | 23 | 22 | 16 | 3 | 40 | 17 | 26 | 23 | 24 | | |
| 9 | - | 16 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 22 | 12 | 8 | 7 | 9 | 12 | 12 | 12 | 9 | 7 | 9 | 10 | x | 11 | 8 | 20 | 15 | 11 | 17 | 16 | 18 | 25 | 13 | 25 | 75 | 93 | 104 | 29 | 16 | 16 | 18 | 13 | 11 | 5 | 12 | 11 | 18 | 15 | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| - | 4 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 9 | - | - | 18 | 16 | - | - | - | - | 18 | 29 | 11 | - | - | - | - | - | - | - | - | - | - | - | |
| 13 | 25 | 22 | 31 | 9 | 12 | 17 | 20 | x | 24 | 18 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | 28 | 20 | 36 | 31 | 24 |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| 13 | 14 | 12 | 13 | 9 | 18 | 19 | x | 15 | x | 14 | 24 | 10 | 84 | 88 | 91 | 87 | 97 | 79 | 81 | 97 | 102 | 94 | 88 | 116 | 107 | 111 | 101 | 68 | 93 | 68 | 95 | 93 | x | 14 | 24 | 18 | 21 | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 9 | 11 | x | 4 | 9 | 18 | 9 | 6 | 12 | 26 | 18 | 12 | 14 | 24 | 36 | 64 | 62 | 43 | 60 | 83 | 35 | 35 | x | x | x | x | x | x | x | x | x | x | x | x | 52 | 28 | 21 | 22 | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| 15 | 11 | 18 | 10 | 6 | 21 | 12 | 8 | 6 | 16 | 15 | 20 | 21 | 16 | 28 | 27 | 43 | 46 | 48 | 65 | 73 | 78 | 27 | 30 | 47 | 52 | 60 | 99 | 42 | 11 | 32 | 20 | 11 | 31 | 10 | 14 | 11 | 3 | | |
| 3 | 3 | 5 | 11 | 3 | 10 | - | - | - | 11 | 6 | 4 | 3 | 8 | 2 | - | - | 6 | 13 | 36 | 48 | 48 | 12 | 13 | 12 | 33 | 17 | 11 | 8 | 7 | 6 | - | - | - | - | - | - | - | - | |
| 10 | 15 | 11 | 13 | 23 | 11 | 8 | 12 | 13 | 13 | 11 | 12 | 14 | 32 | 21 | 35 | 23 | 43 | 47 | 80 | 115 | 55 | 28 | 27 | 35 | 57 | 71 | 27 | 22 | 14 | 18 | 13 | 11 | 12 | 11 | 10 | 16 | 13 | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 20 | 14 | 24 | 8 | 26 | 15 | 10 | 12 | 15 | 20 | 12 | 15 | 18 | 19 | 30 | 48 | 40 | 26 | 49 | 45 | 59 | 43 | 55 | 77 | 53 | 59 | 41 | 25 | 31 | 27 | 39 | 25 | 25 | 13 | 21 | 12 | 17 | | |
| 5 | 5 | 11 | 24 | 6 | 3 | 20 | 3 | 12 | 15 | 9 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 14 | 15 | 13 | 7 | 7 | 6 | 4 | 12 | 5 | 5 | 13 | 6 | 19 | 26 | 12 | 19 | 35 | 83 | 56 | 49 | 78 | 66 | 53 | 134 | 57 | 74 | 69 | 56 | 66 | 23 | 30 | 20 | 31 | 18 | 21 | 25 | 10 | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| x | 12 | 8 | 19 | 24 | 17 | 25 | 38 | 32 | 17 | 30 | 19 | 20 | 18 | 47 | 45 | 50 | 76 | 116 | 139 | 146 | 160 | 142 | 112 | 128 | 110 | 86 | 65 | 27 | 11 | 14 | 24 | 25 | 8 | 20 | 17 | 23 | | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 10 | 15 | 12 | 21 | 25 | 13 | 15 | 22 | 17 | 17 | 15 | 18 | 14 | 19 | 31 | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| 10 | 9 | 10 | 11 | 11 | 12 | 13 | 18 | 10 | 13 | 18 | 8 | 9 | 9 | 14 | 24 | 34 | 29 | 43 | 102 | 39 | 45 | 24 | 50 | 30 | 55 | 64 | 51 | 69 | 26 | 18 | 19 | 22 | 15 | 22 | 12 | 19 | 22 | | |
| 4 | 4 | - | 20 | 10 | 12 | 22 | 46 | 15 | 39 | 28 | 31 | 39 | 12 | 10 | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 19 | 18 | 16 | 13 | 9 | 12 | 18 | 18 | 15 | 23 | 17 | 3 | 15 | 10 | 13 | 13 | 40 | 40 | 61 | 76 | 121 | 132 | 73 | 71 | 53 | 80 | 78 | 74 | 74 | 58 | 29 | 34 | 33 | 13 | 16 | 11 | 13 | 18 | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | 19 | 22 | 27 | 38 | 29 | 10 | 19 | 11 | 17 | 19 | 10 | 27 | 5 | 19 | 35 | 4 | 50 | 66 | 94 | 88 | 64 | 46 | 38 | 86 | 56 | 48 | 56 | 45 | 43 | 49 | 34 | 19 | 23 | 8 | 11 | 13 | 12 | | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | 15 | 13 | 12 | 12 | 12 | 29 | 16 | 12 | 39 | 28 | 28 | 39 | 22 | 55 | 109 | 78 | 41 | 62 | 84 | 62 | 55 | 45 | 55 | 79 | 77 | 102 | 107 | 75 | 66 | 26 | 19 | 20 | 21 | 26 | 17 | 24 | | | |
| 12 | 16 | 10 | 7 | 12 | 12 | 29 | 16 | 12 | 39 | 28 | 28 | 39 | 22 | 55 | 109 | 78 | 41 | 62 | 84 | 62 | 55 | 45 | 55 | 79 | 77 | 102 | 107 | 75 | 66 | 26 | 19 | 20 | 21 | 26 | 17 | 24 | | | |
| 34 | 35 | 42 | 24 | 14 | 17 | 15 | 16 | 26 | 19 | 22 | 44 | 33 | 62 | 57 | 87 | 75 | 96 | 228 | 256 | 117 | 74 | 33 | 61 | 52 | 53 | 95 | 77 | 53 | 41 | 24 | 34 | 53 | 34 | 25 | 16 | 19 | | | |
| 10 | 11 | 3 | 8 | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 24 | 26 | 29 | 32 | x | 26 | 10 | 40 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SEPTEMBER 23 - OCTOBER 20, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1566

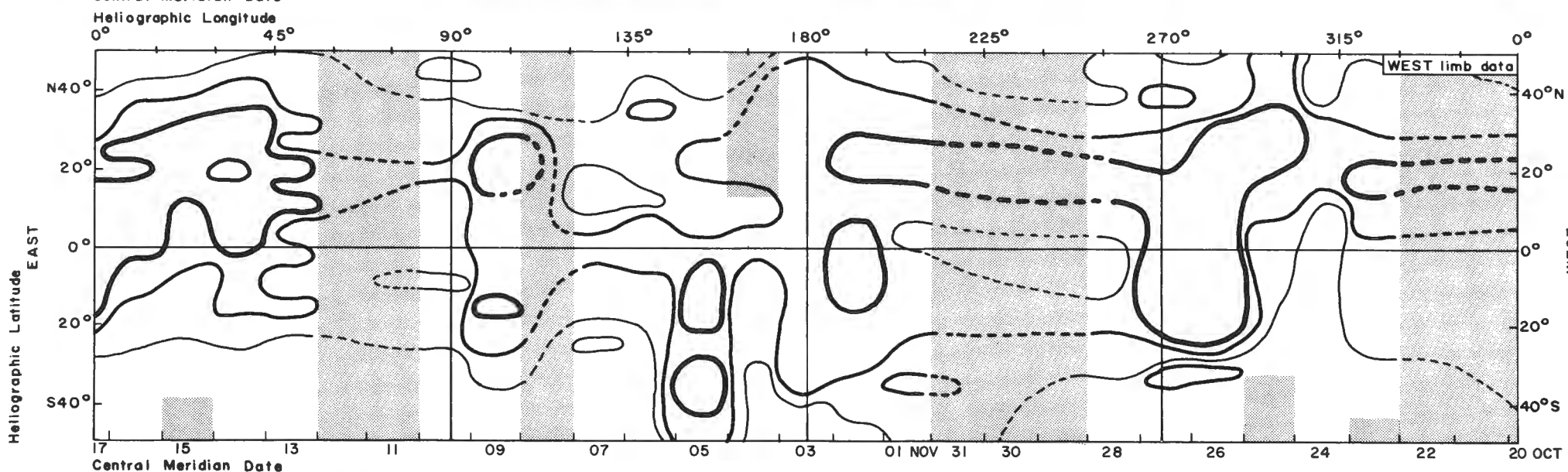
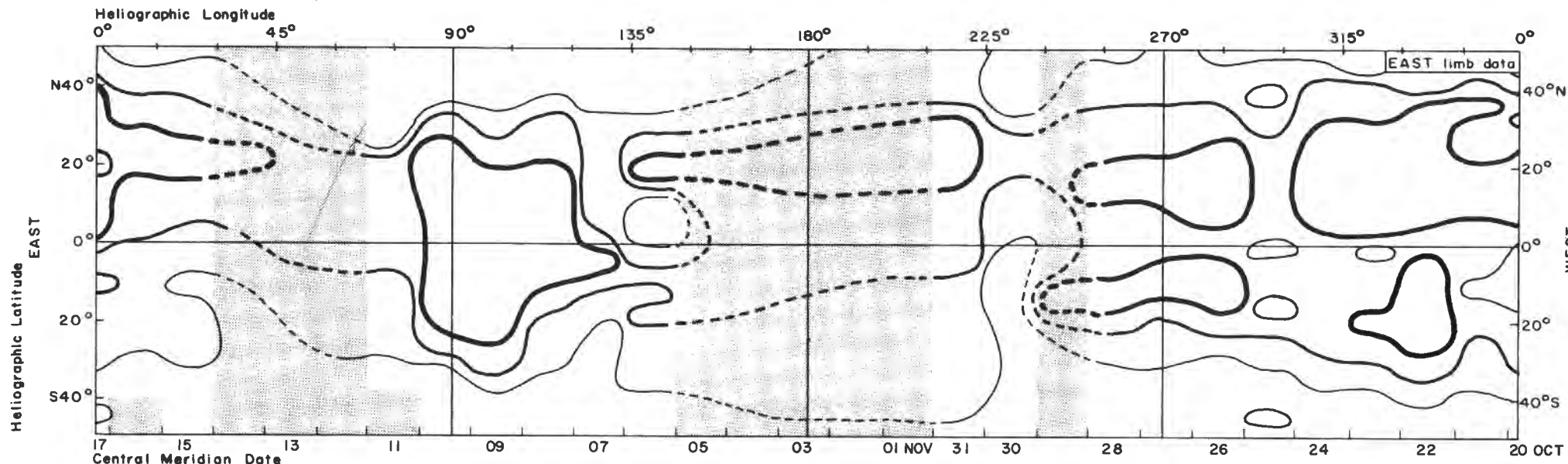


- Extremely bright
- Very bright
- Moderate
- No observations

OCTOBER 20-NOVEMBER 17, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1567

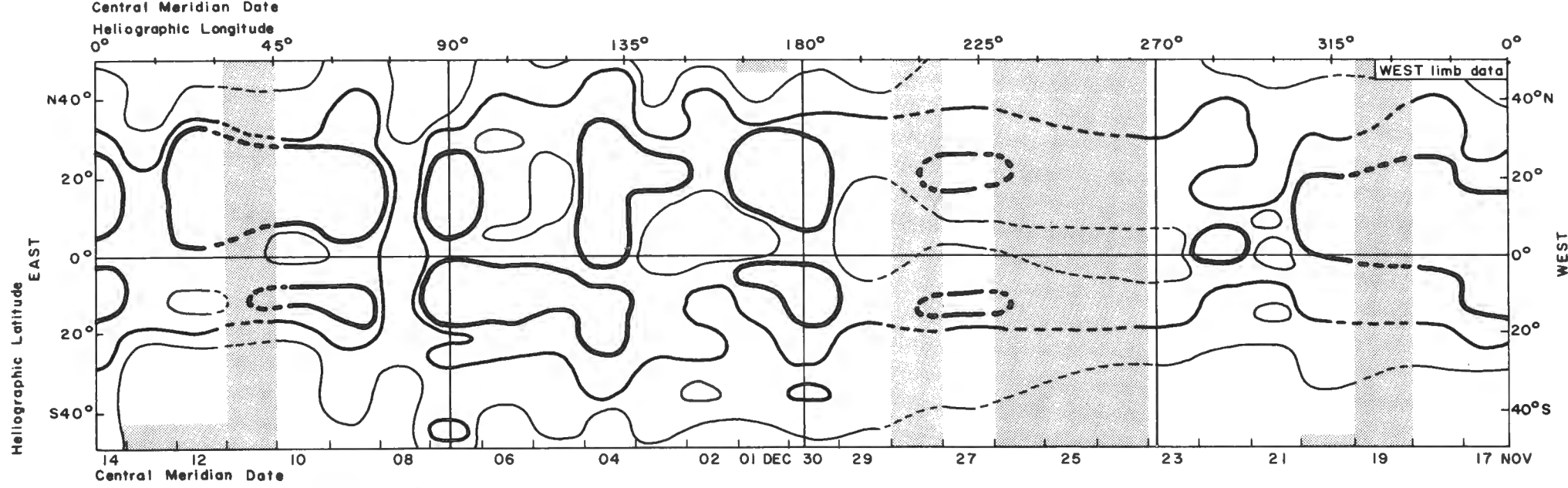
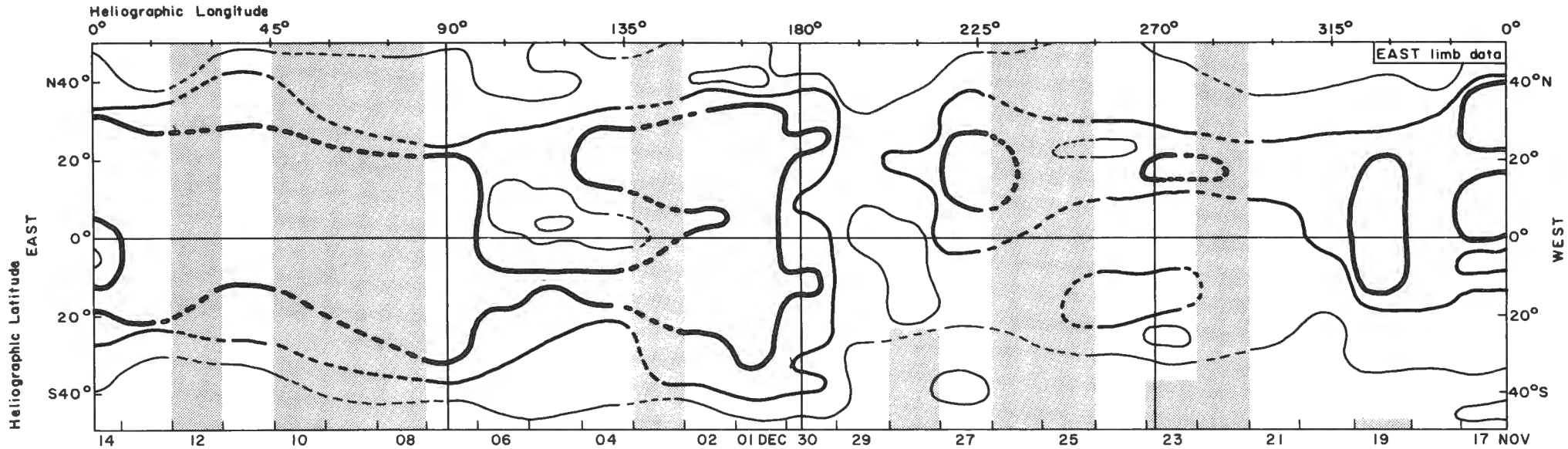


- Extremely bright
- Very bright
- Moderate
- No observations

NOVEMBER 17 - DECEMBER 14, 1970

ISOPHOTES OF THE $\lambda 5303$ CORONAL EMISSION LINE

ROT. NO. 1568



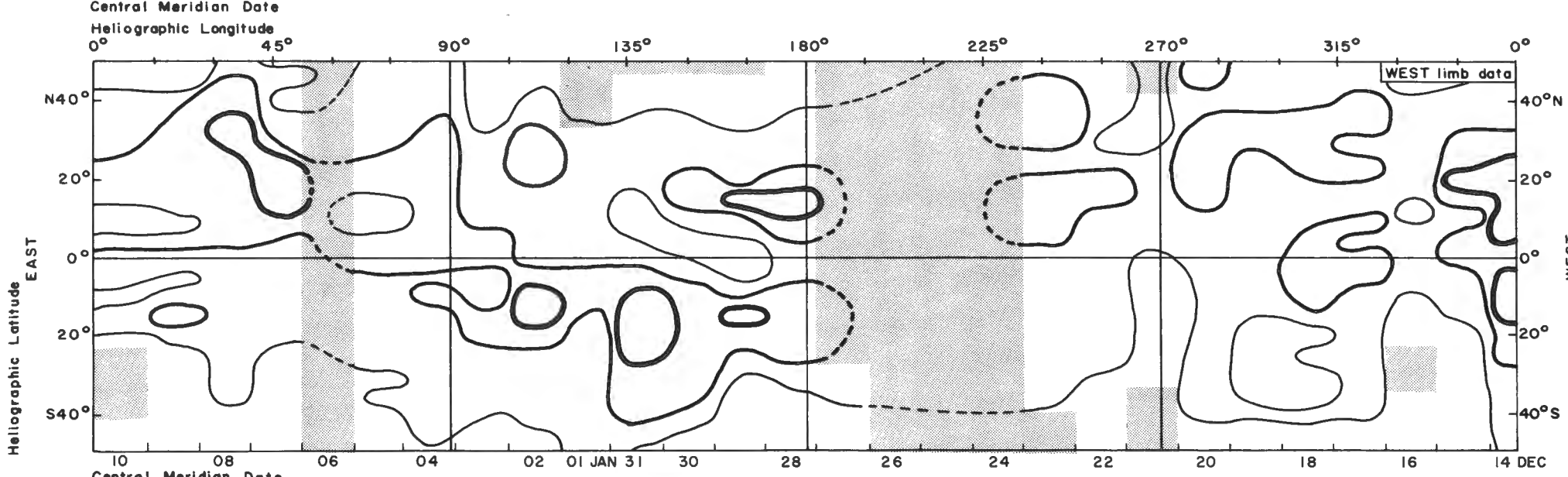
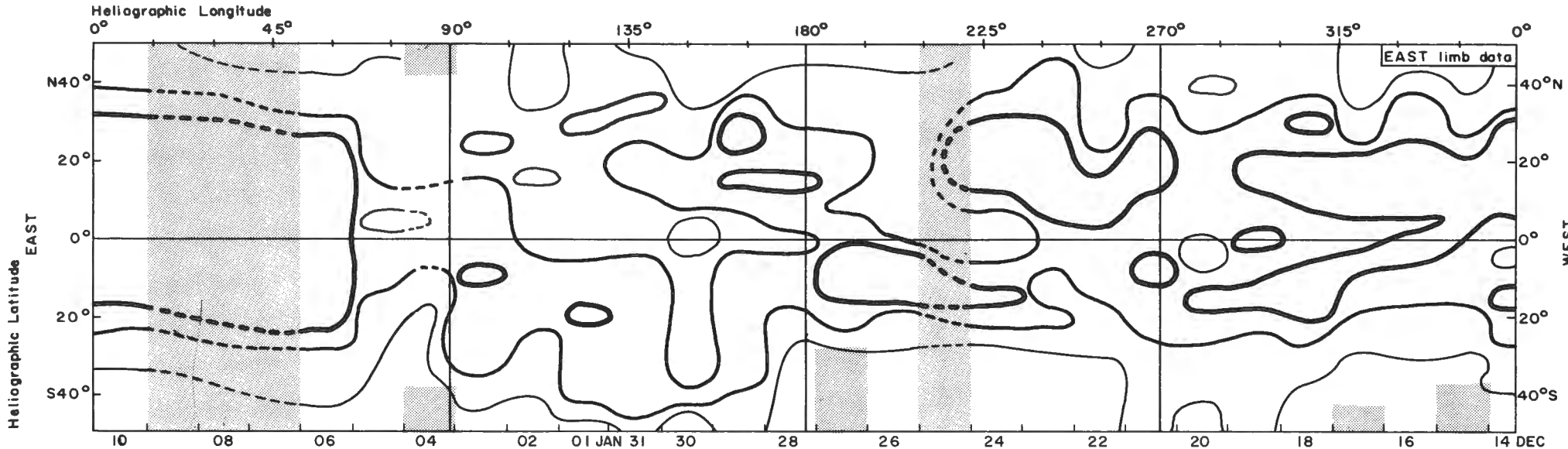
- Extremely bright
- Very bright
- Moderate
- No observations

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DECEMBER 14 - JANUARY 10, 1971

ISOPHOTES OF THE A5303 CORONAL EMISSION LINE

ROT. NO. 1569



- Extremely bright
- Very bright
- Moderate
- No observations

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION