

IV. INTENSITIES OF THE SOLAR CORONA

in monochromatic emission at position angles every 5 degrees

For all the stations, the origin of the position angles is at the north pole of the sun

Contributing Observatories: Norikura, Kislovodsk, Lomnický Štít

Kislovodsk

Photoelectrically measured intensities in units of 10^{-6} of the photospheric
 For each date, the first and the second rows refer to
 Signs 'x' indicate that the measurements were not performed; signs '-' indicate

Date and Time of 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		
Jan.	6	7 22 G	15	18	18	4	-	15	-	9	7	22	20	21	23	13	33	34	26	24	48	39	x	46	19	10	11	x	x	x	x	9	x	x	16	x		
		8 16 R	-	-	-	-	-	-	7	6	13	7	-	-	-	-	-	14	9	15	17	13	10	-	13	19	11	10	-	-	-	-	-	-	-	-		
		7 6 44 G	-	19	2	-	-	19	16	-	-	-	8	31	22	10	31	20	22	7	37	38	52	13	11	3	34	22	18	5	x	26	21	21	26	26		
		9 6 58 G	-	8	16	30	35	12	40	67	x	x	x	x	x	x	-	-	35	71	x	2	x	x	x	33	74	x	x	x	x	x	28	2	-	x		
		12 9 51 G	10	x	17	9	12	4	4	-	15	11	16	7	23	19	15	21	34	65	155	95	93	58	28	26	22	23	15	22	-	11	20	11	6	12		
Feb.	1	11 02 R	-	10	-	-	-	-	-	11	5	6	24	45	23	5	13	13	7	14	-	6	-	-	-	10	21	8	-	-	-	-	-	-	-	-		
		6 56 R	-	-	-	-	-	-	-	12	18	-	8	15	11	15	12	46	51	26	21	43	12	25	14	15	8	-	-	-	-	3	11	11	1	3		
		2 7 33 G	15	17	5	-	7	1	6	9	16	8	-	-	-	3	10	-	10	-	4	7	15	14	7	10	6	-	4	6	12	8	11	-	6	11		
		3 10 22 G	10	7	1	-	9	12	5	-	8	6	14	8	5	11	5	16	4	10	13	4	17	12	6	12	13	9	4	13	10	-	14	5	12	25		
		12 48 R	-	-	-	-	-	-	-	-	5	4	12	7	2	7	26	8	3	11	9	-	16	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mar.	1	1 06 G	11	-	-	1	11	21	7	-	1	7	2	13	18	20	14	7	8	11	-	28	7	13	1	-	2	1	-	-	9	8	6	-	2	6		
		7 43 R	-	-	-	-	-	-	-	7	8	-	24	5	12	10	8	39	34	18	8	13	11	14	11	15	15	10	6	-	-	-	-	9	-	-		
		2 6 18 G	-	6	-	1	13	13	10	4	19	5	17	14	11	3	-	13	14	-	-	6	20	14	14	15	5	2	3	7	13	3	-	6	4			
		6 48 R	-	-	16	7	-	-	-	11	-	21	10	23	27	65	19	13	50	38	53	53	36	21	11	13	-	-	-	-	-	-	-	-	-	-	-	
		3 6 32 G	-	-	-	4	12	-	3	18	-	-	-	-	-	-	-	-	19	-	15	21	7	19	10	-	10	-	4	-	5	-	-	-	2	12		

IV - 7 (1995)

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

- - - 11 - 14 12 7 4 15 5 20 13 11 1 9 27 48 53 106 93 61 52 26 7 21 20 31 17 8 11 2 - 7 - - 7 -
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x
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22 - 14 13 16 4 10 4 4 36 22 14 - 12 8 8 1 10 14 12 19 5 x
3 6 1 - 8 17 15 11 8 10 9 2 6 6 16 2 - 16 1 - 6 13 9 24 - 6 - 5 7 10 7 x x x x x x x x x x x x x
x
8 1 7 - 8 6 4 8 5 9 5 7 9 - 5 1 9 1 5 9 3 9 - 4 12 - 14 8 8 10 8 10 3 - 8 - 3 3
- 7 -
13 8 9 16 9 x 10 9 16 3 12 8 16 9 16 20 x - 5 x 11 9 - 11 7 7 11 1 - 8 - - 7 - 9 - - -
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- - 9 - 13 - 24 38 - 29 2 - - - 17 22 63 13 36 44 58 10 40 31 62 32 28 - 2 20 - - 10 7 7 25 10 - 14
4 3 - 8 - 8 8 2 3 18 15 4 - 12 3 26 19 15 8 - - 20 11 8 21 8 16 3 8 5 9 5 5 9 8 4 - - 5 8
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7 17 17 11 15 2 11 - 14 7 16 26 17 22 30 12 32 12 8 8 17 8 13 11 13 10 8 4 6 x x x x x 12 4 x x
- - - - - - - - - - 4 -

6 8 5 6 8 3 11 8 9 8 8 5 8 4 7 11 14 2 11 15 5 6 - 23 8 1 - - 4 4 - 3 7 6 12 2 - 1
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15 11 3 10 3 7 13 19 6 9 10 19 12 17 10 10 17 3 13 6 2 10 13 9 9 10 5 4 7 10 - - 9 10 2 6 7 10
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17 - 48 19 - 38 8 - 44 - 9 37 73 75 - 69 3 35 - 21 1 - - 5 40 41 - 24 26 - 1 x x x x x x x x
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- x - - - 8 13 12 x 11 - - 30 - 24 x x x x 97 9 89 x 50 74 68 53 87 - 2 - 32 25 - - 15 11 - 44
18 - - - - 5 9 17 17 37 18 23 36 43 5 - - 14 11 2 18 7 10 35 7 - 5 25 32 27 x 6 9 x x x x x x

x x x x x x 5 9 17 17 37 18 23 36 43 5 - - 14 11 2 18 7 10 35 7 - 5 25 32 27 x 6 9 x x x x x x
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3 - - - 5 13 15 - 3 - 16 15 - 6 13 8 13 23 30 37 45 44 21 72 43 38 38 18 4 12 8 15 7 3 - 16 - 7
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x x 15 - - - - 1 2 5 1 8 15 9 12 3 18 6 1 29 26 57 38 97 135 88 40 30 13 12 - - - - 18 8 - 18 11
- -

12 11 9 8 19 8 6 9 17 4 4 14 3 5 19 10 8 4 65 26 36 15 33 13 9 6 4 6 2 6 19 11 16 12 9 7 8 3
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6 8 1 - - - 8 8 11 3 6 7 12 4 10 1 4 14 18 26 9 23 x x 8 - 6 6 - - - - - - x x
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12 - - - - 3 - - 26 21 - - 36 - - - 6 3 11 - - 1 16 22 25 - - - 12 10 - - - - - -
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5 - 9 5 10 12 11 9 5 5 2 2 8 9 5 - 10 2 16 5 16 10 9 1 3 - 1 - - 8 3 - 3 6 - x 3 8
- - - - - 19 -
12 15 2 4 16 15 3 17 14 14 21 30 14 16 13 9 16 8 8 11 22 11 3 16 16 11 8 1 13 9 11 12 16 11 13 10 6 11
- - - - - 5 -

15 9 14 8 7 5 - 7 8 9 16 9 17 7 - x x x 3 6 5 2 2 - 1 16 10 4 21 1 - - 11 11 9 5 - x
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x x x x x x x x 4 - x 2 5 28 - x - - 15 8 - 4 15 22 36 30 26 3 2 7 1 - 11 2 4 - - - 6
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- 6 17 - 7 12 - 1 14 - 1 2 3 11 - 6 - 4 - 11 - 1 - 13 11 - 10 14 - - x x x x x x x x x
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- 6 6 5 2 4 - - 16 4 12 1 3 3 10 8 - 3 - 4 - - 5 - - 6 12 - - 11 3 - - 11 - - -
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7 8 17 18 1 6 9 3 1 8 8 7 4 3 2 3 6 2 1 13 6 - 32 29 21 18 - 12 5 6 6 11 27 28 x x x x
11 5 14 11 11 13 x x x x x x x x x x x x x x x x x x - 42 36 49 37 43 18 8 18 1 8 10 16 7 8 9 10
7 16 18 4 4 15 - - 15 - 11 14 6 33 14 22 28 16 14 20 10 28 15 22 49 32 31 - 20 4 19 x 8 4 6 3 10 1
1 16 5 10 10 10 15 4 11 1 6 16 1 4 6 3 3 3 14 10 5 4 4 13 13 9 14 1 6 6 1 2 5 13 5 2 8 3
23 19 42 36 41 33 6 - - 6 29 29 25 - - 7 33 14 - 6 15 27 9 6 26 22 1 7 11 22 19 17 - 4 - x 6 -

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

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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
- 12 15 - - - 7 - - - - - 11 - 6 17 6 14 22 10 - - - 20 14 9 19 10 6 - 10 8 - - - - -
- - - - - 6 10 18 15 19 3 27 7 - - - 8 10 7 7 5 15 7 7 - - - - -
- - - - - 7 - - - - 8 14 - 11 12 x 6 15 x 16 14 x x 8 13 x x - - - x x -
5 - - - - - 4 5 8 8 5 13 10 9 46 18 10 x x x x x x x x x x x x x x x x x x x
- - - 3 9 - - - 4 4 - 5 3 - 3 - 6 13 7 8 17 28 22 27 25 14 9 6 14 5 7 - 7 4 - - - - -
- - - - - 11 8 11 13 17 7 24 28 49 28 7 - - - - - - - - - - - - -
- - - - - 10 - - - 17 15 20 27 16 32 26 6 10 8 10 - 8 - - - - -
- - - - - x 12 18 5 11 15 11 11 10 17 7 - 5 11 10 6 - - - - 7 - -
- - - - - 9 14 10 14 9 9 9 18 25 13 7 5 13 16 7 8 4 4 6 - - - - 5 -
- - - - 9 - - - - - 11 3 7 13 12 10 3 2 5 8 20 21 13 10 6 34 18 14 4 - - - - -
- - - - - 8 - - - - - 9 8 25 8 22 12 27 7 13 7 20 11 14 10 18 5 8 6 -
7 - - - - - 8 - - - - - 10 5 7 15 7 7 20 16 12 10 10 13 10 6 - 10 10 8 4
- - - - - 6 - - - - 5 - - - 9 21 17 10 13 14 7 10 15 8 5 5 16 11 - 5 4 4 - -
- - - - - 9 - - - - 22 18 58 18 - - 39 39 23 46 35 21 25 8 41 28 17 9 31 9 -
- - - - - 7 10 19 12 18 12 12 - 40 - - - - 8 - 5 4 3 - - - -
- - - - - 8 33 18 25 20 8 12 8 5 5 16 11 10 4 7 15 x x x
- - - - - 2 - 5 3 5 2 x 3 10 4 6 x x x x x x 4 - 4 -
- - - - - 16 9 7 - - - - - 6 9 19 16 13 10 11 10 x x x x x x x x x x

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Observatory

spectrum of the disk center, at the same wavelength and of 1Å width.

the intensities of 5303Å and 6374Å lines, respectively.

that the intensities of the corona were not visible or too weak to be measured.

DATE ET HEURE
D'OBSERVATION

| 1995 | 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 | | | |
|------|------|-------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|
| JAN. | 4 | 8 2 | 6 | 1 | 3 | 0 | 0 | 0 | 0 | 22 | 1 | 3 | 15 | 0 | 6 | 8 | 15 | 21 | 11 | 14 | 15 | 16 | 36 | 40 | 36 | 20 | 23 | 8 | 0 | 4 | 17 | 19 | 18 | 0 | 0 | 15 | 0 | |
| | | 8 32 | 6 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 4 | 2 | 0 | 7 | 7 | 13 | 8 | 8 | 8 | 14 | 18 | 18 | 0 | 6 | 0 | 8 | 3 | 1 | 0 | 0 | 0 | 0 | 5 | 3 | |
| | 9 | 9 43 | 6 | 0 | 0 | 0 | 0 | 0 | 11 | 5 | 7 | 10 | 11 | 0 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 14 | 30 | 13 | 16 | 11 | 6 | 10 | 6 | 10 | 18 | 20 | 18 | 15 | 17 | |
| | | 10 37 | 6 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | |
| | 14 | 10 36 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 11 | 4 | 15 | 3 | 10 | 19 | 12 | 21 | 19 | 0 | 0 | 4 | 0 | 0 | 7 | 12 | 14 | 6 | 0 | | |
| | | 12 20 | 6 | 5 | 2 | 0 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| | 16 | 12 19 | 6 | 9 | 5 | 1 | 3 | 6 | 4 | 3 | 3 | 3 | 0 | 3 | 5 | 0 | 0 | 15 | 13 | 12 | 7 | 0 | 0 | 27 | 57 | 49 | 24 | 17 | 14 | 12 | 8 | 9 | 13 | 12 | 5 | 9 | 7 | |
| | | 11 34 | 6 | 2 | 0 | 1 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 2 | 6 | 5 | 0 | 2 | 3 | 9 | 6 | 14 | 64 | 17 | 13 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 3 |
| | 17 | 9 43 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 17 | 13 | 16 | 22 | 33 | 60 | 54 | 12 | 12 | 8 | 2 | 3 | 3 | 3 | 9 | 0 | 0 | 0 | |
| | | 11 10 | 6 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 2 | 3 | 5 | 4 | 2 | 4 | 5 | 15 | 0 | 9 | 12 | 16 | 25 | 29 | 3 | 0 | 3 | 9 | 0 | 0 | 0 | 2 | 4 | 3 | 0 | 0 |
| | 20 | 11 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 4 | 5 | 8 | 12 | 12 | 3 | 8 | 6 | 0 | 0 | 0 | 9 | 0 | 0 | 6 | 2 | 0 | 0 | 0 | |
| | | 11 22 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 4 | 2 | 2 | 4 | 4 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| FEV. | 10 | 9 39 | 6 | 15 | 2 | 8 | 4 | 6 | 5 | 4 | 12 | 6 | 4 | 9 | 10 | 1 | 18 | 27 | 13 | 20 | 23 | 10 | 18 | 32 | 26 | 27 | 22 | 21 | 17 | 23 | 18 | 12 | 18 | 34 | 36 | 27 | 24 | |
| | | 10 11 | 6 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 6 | 10 | 5 | 8 | 11 | 6 | 8 | 3 | 1 | 1 | 3 | 2 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| | 13 | 8 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 9 | 22 | 25 | 11 | 0 | 0 | 48 | 65 | 56 | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| | | 8 25 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 4 | 0 | 4 | 0 | 2 | 15 | 4 | 3 | 16 | 9 | 9 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 4 |
| | 22 | 14 58 | 6 | 3 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 19 | 5 | 7 | 0 | 1 | 23 | 28 | 42 | 23 | 2 | 0 | 0 | 0 | 4 | 7 | 20 | 12 | 9 | 4 |
| MARS | 11 | 7 42 | 6 | 4 | 4 | 11 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | 2 | 0 | 7 | 0 | 0 | 5 | 6 | 8 | 13 | 25 | 3 | 12 | 9 | 11 | 13 | 9 | 3 | 5 | 0 | | |
| | | 8 16 | 6 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 3 | 4 | 8 | 3 | 7 | 0 | 7 | 8 | 11 | 4 | 12 | 9 | 13 | 6 | 6 | 3 | 21 | 21 | 24 | 6 | 6 | 7 | 19 | 0 | |
| | 13 | 8 18 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 7 | 35 | 27 | 18 | 5 | 8 | 19 | 42 | 49 | 40 | 31 | 15 | 11 | 6 | 8 | 10 | 11 | 6 | 0 | 0 | | |
| | | 8 50 | 6 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 4 | 2 | 8 | 3 | 0 | 0 | 4 | 7 | 2 | 2 | 4 | 5 | 9 | 10 | 0 | 3 | 0 | 0 | 6 | 6 | 0 | 5 | 4 | 3 | 0 | |

DATE ET HEURE
D'OBSERVATION

| 1995 | 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 | | | |
|--------------|------|--------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|----------|----------|----------|----------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|--------|---|
| <u>AVRIL</u> | 22 | 5 34
5 58 | G
G | 16
1 | 2
2 | 9
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6 | 7
0 | 1
0 | 0
0 | 6
0 | 4
0 | 3
0 | 1
0 | 6
4 | 1
0 | 1
0 | 12
0 | 25
0 | 13
1 | 19
0 | 22
1 | 13
0 | 27
2 | 12
0 | 12
0 | 0
0 | 0
0 | 0
1 | 0
0 | 4
0 | 0
0 | 0
0 | 7
0 | | | |
| | 23 | 6 52
7 9 | G
G | 19
1 | 14
0 | 9
0 | 11
3 | 0
0 | 10
0 | 16
0 | 12
0 | 1
0 | 1
0 | 6
1 | 0
4 | 3
0 | 5
1 | 2
0 | 2
0 | 8
0 | 0
2 | 10
0 | 15
0 | 10
0 | 15
0 | 11
0 | 15
0 | 0
4 | 3
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| | 29 | 7 33
8 59 | G
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1 | 9
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6 | 2
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1 | 7
0 | 17
0 | 10
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0 | 12
1 | 2
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0 | 18
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7 | 12
12 | 9
9 | 9
16 | 4
9 | 4
2 | | | |
| | 30 | 7 9
7 49 | G
G | 0
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0 | 5
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1 | 5
5 | 5
5 | 2
2 | 0
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| <u>MAI</u> | 2 | 8 46
8 22 | G
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0 | 3
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11 | 0
2 | 1
0 | 2
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0 | 2
4 | 4
2 | 2
1 | 3
8 | 13
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6 | 8
3 | 11
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| | 3 | 7 50
8 28 | G
G | 5
3 | 13
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5 | 2
3 | 0
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9 | 3
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6 | 4
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11 | 4
10 | | |
| | 16 | 11 37 | G | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 4 | 0 | 5 | 0 | 7 | 15 | 12 | 9 | 13 | 10 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 6 | 0 | | |
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11 | 10
6 | 0
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11 | 0
10 | 15
15 | 12
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9 | 35
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6 | 12
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10 | 0
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4 | 17
4 | 16
7 | 3
10 | 14
4 | 16
12 | 16
10 | 22
11 | 18
12 | 11
13 | 0
7 | | | |
| | 15 | 5 40 | G | 2 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 14 | 7 | 3 | 5 | 6 | 9 | 14 | 14 | 10 | 23 | 29 | 21 | 23 | 19 | 24 | 7 | 15 | 18 | 7 | 2 | 0 | | |
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7 | 10
14 | 11
7 | 4
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5 | 0
14 | | | |
| <u>JUIL</u> | 1 | 6 1
6 23 | G
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8 | 0
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6 | 0
4 | 0
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9 | 15
5 | 17
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13 | 21
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8 | 23
11 | 18
13 | 22
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13 | 0
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IV-14(1995)

DATE ET HEURE
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| | 16 | - -
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| | 17 | 10 23
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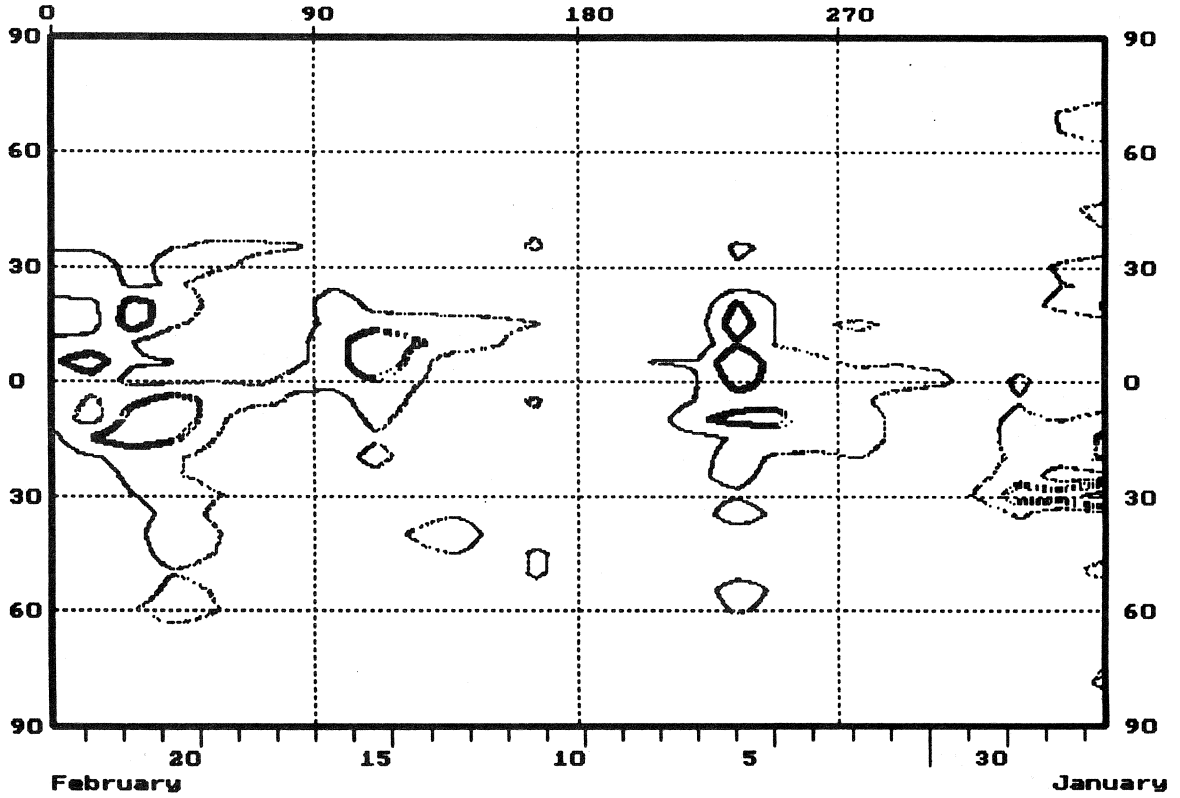
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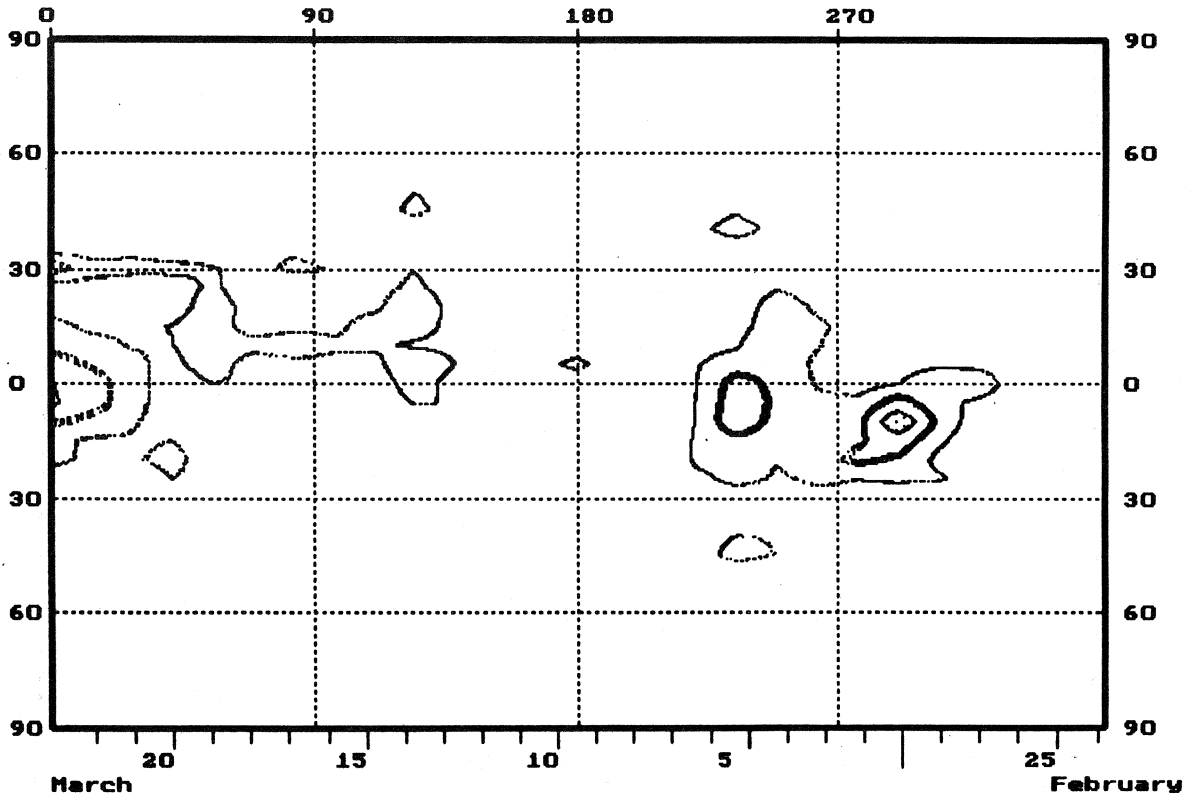
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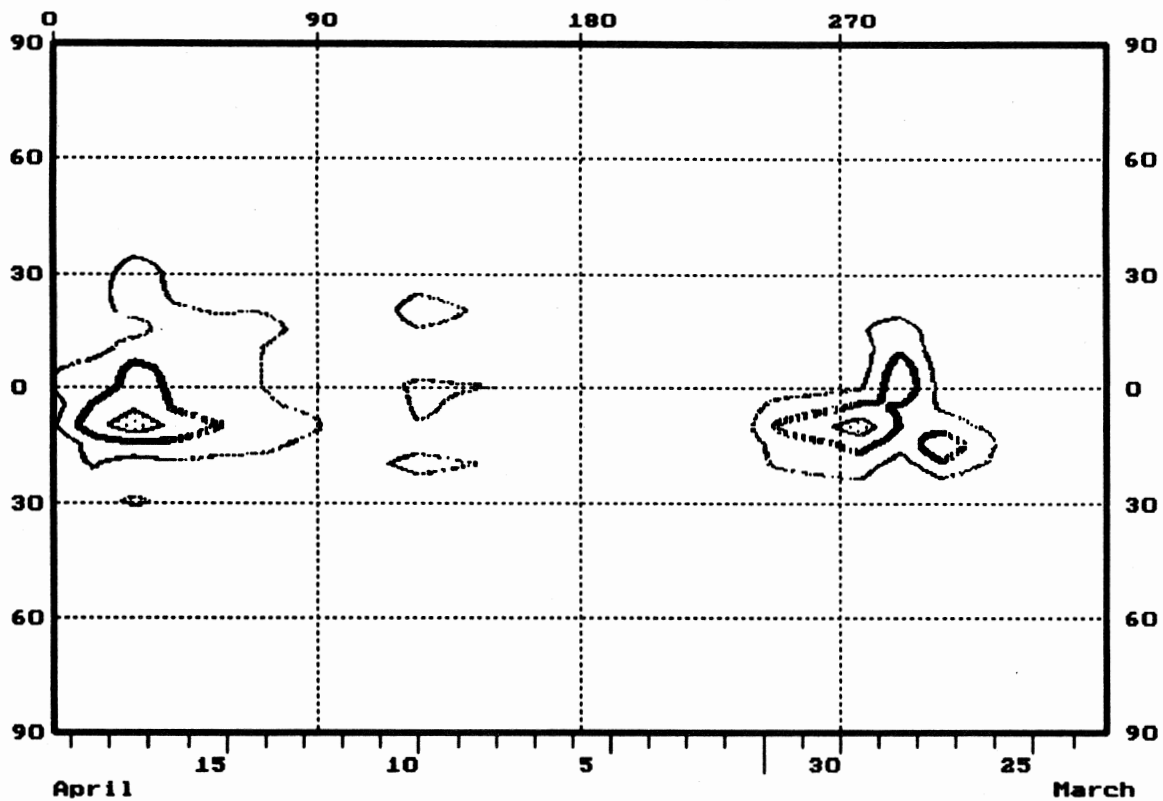
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1995 - CR 1892



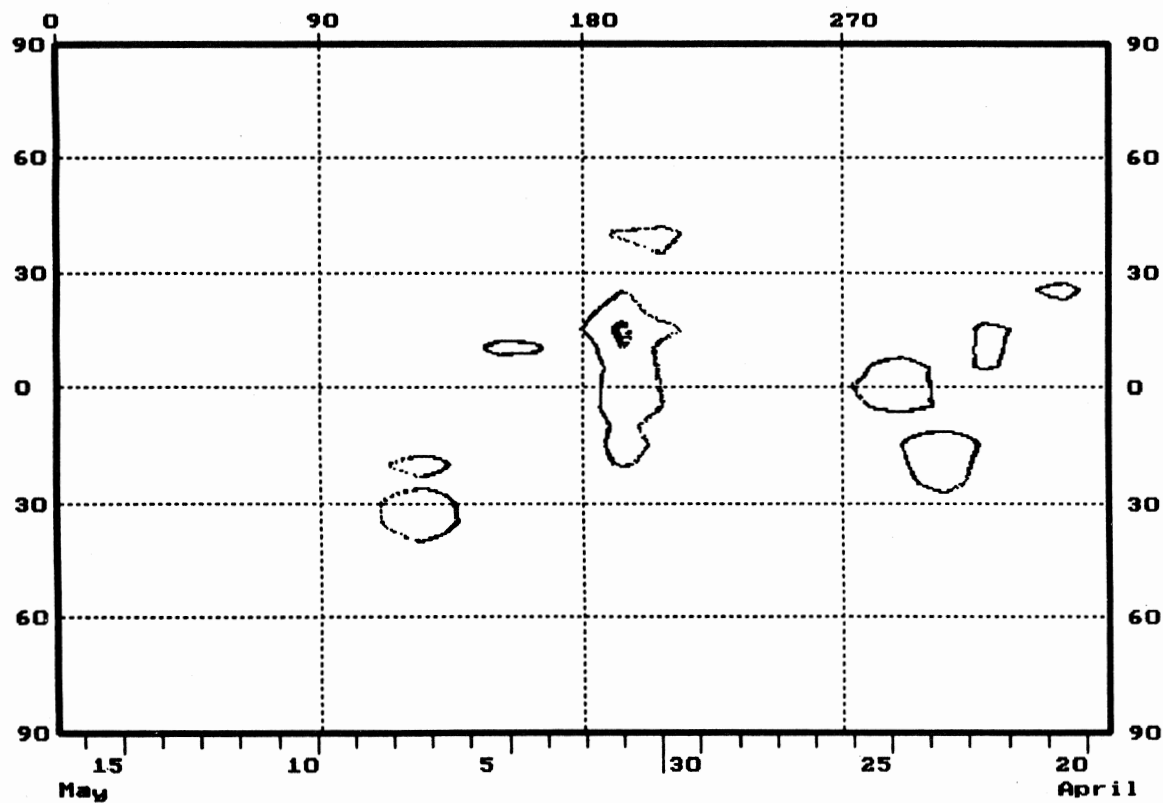
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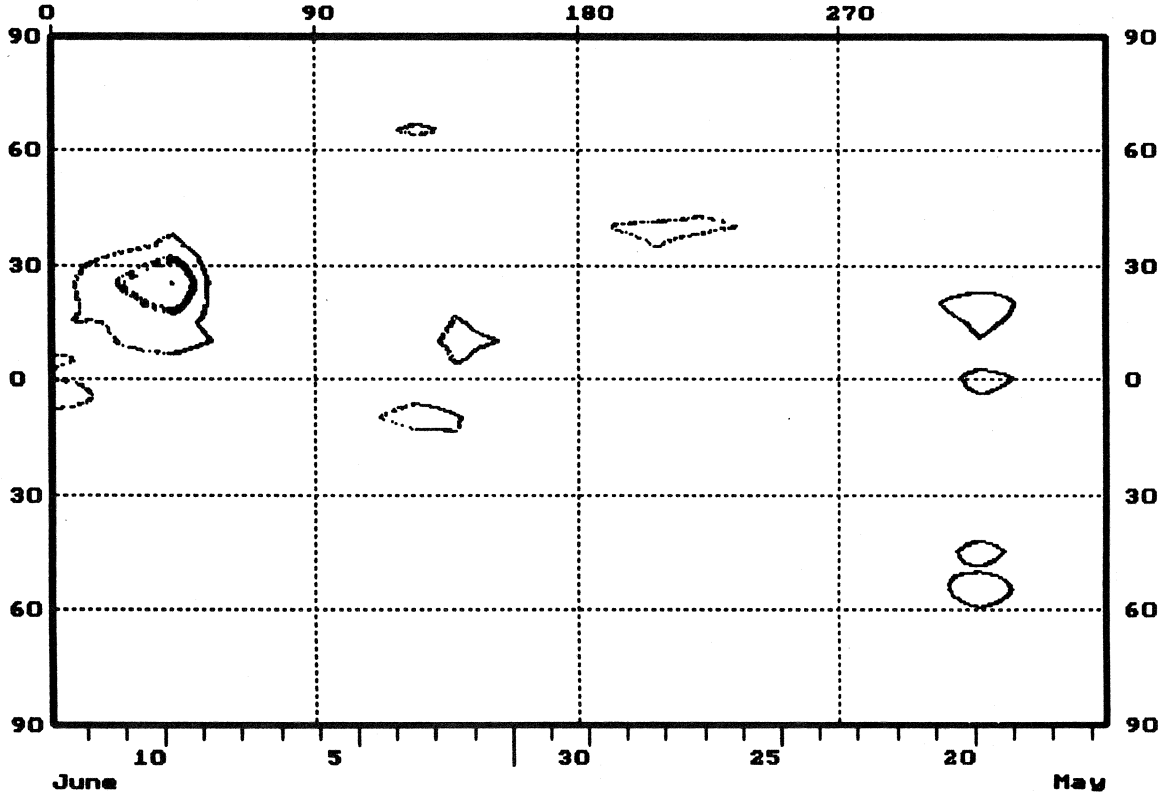
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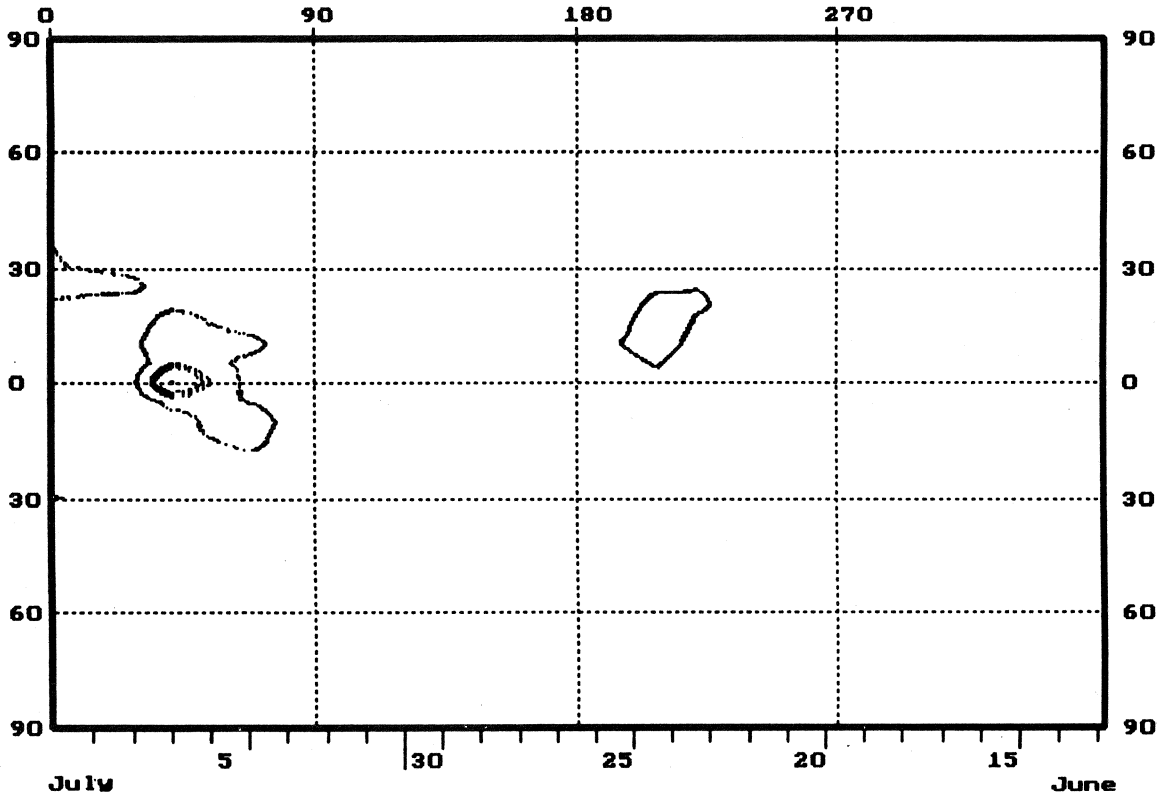
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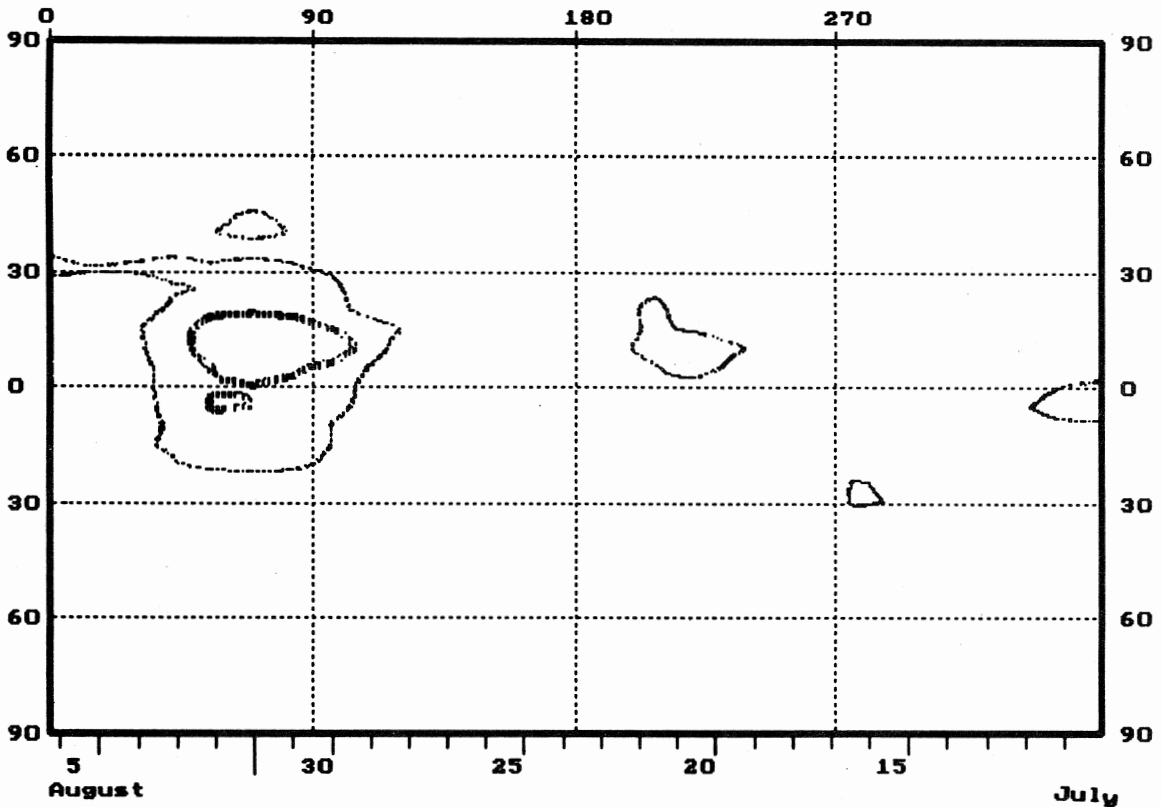
**Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1896**



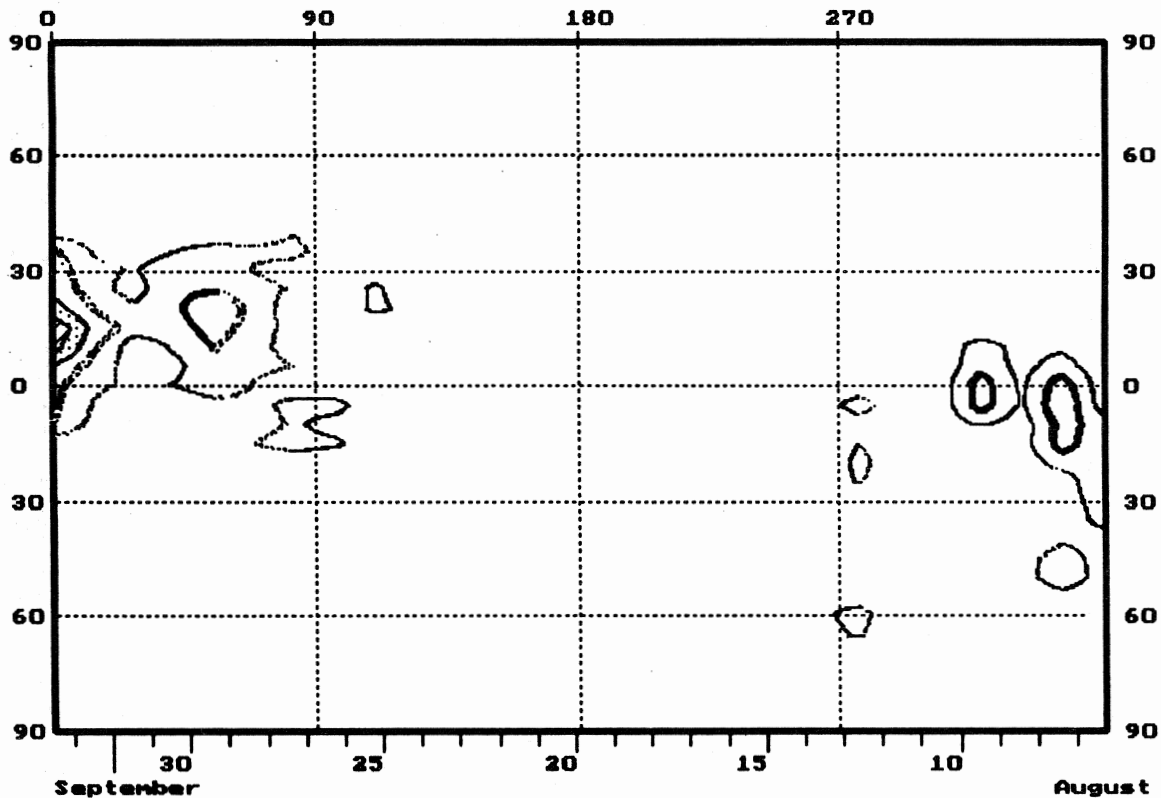
**Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1897**



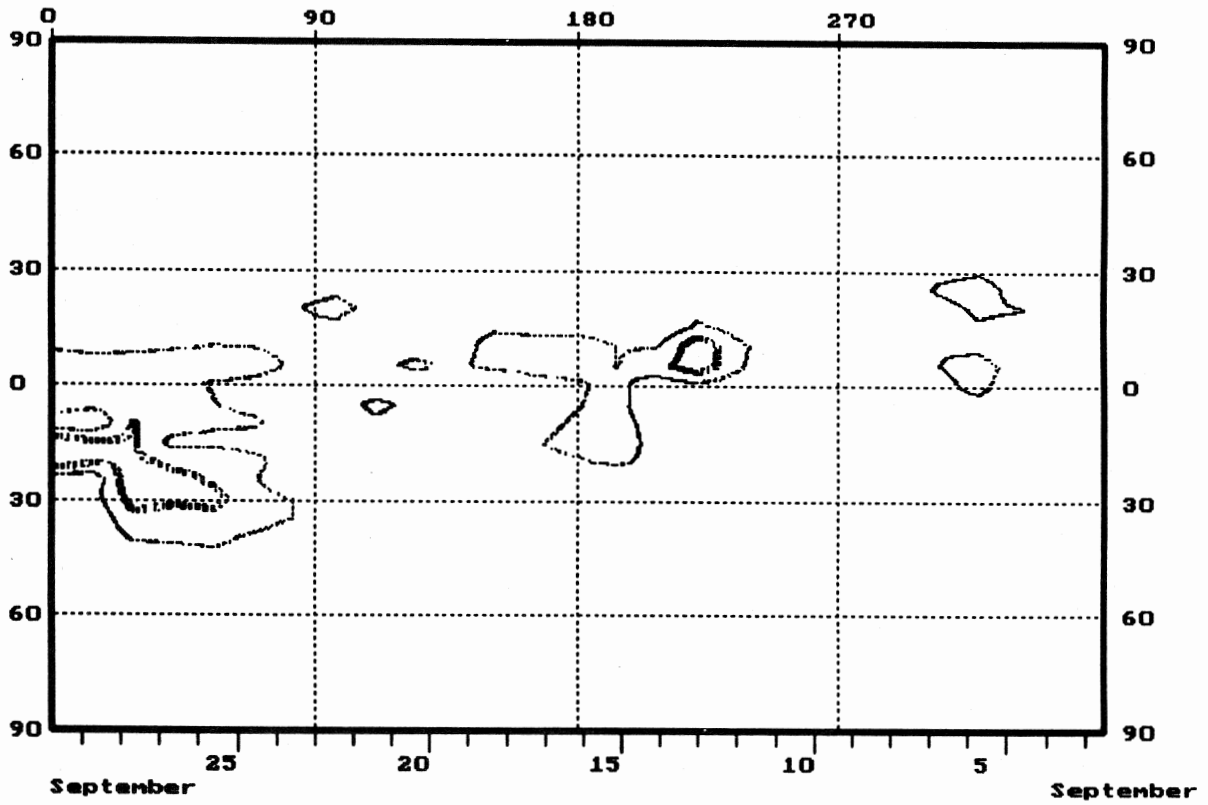
Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1898



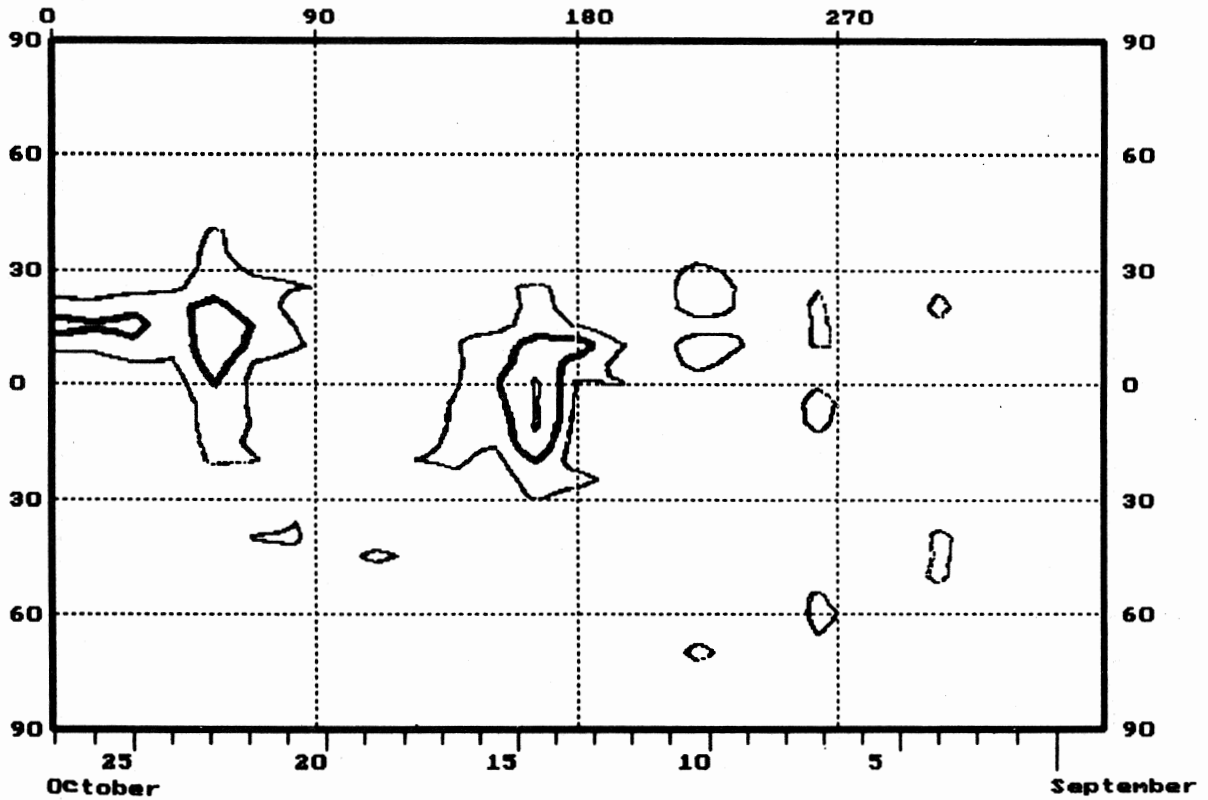
Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1899



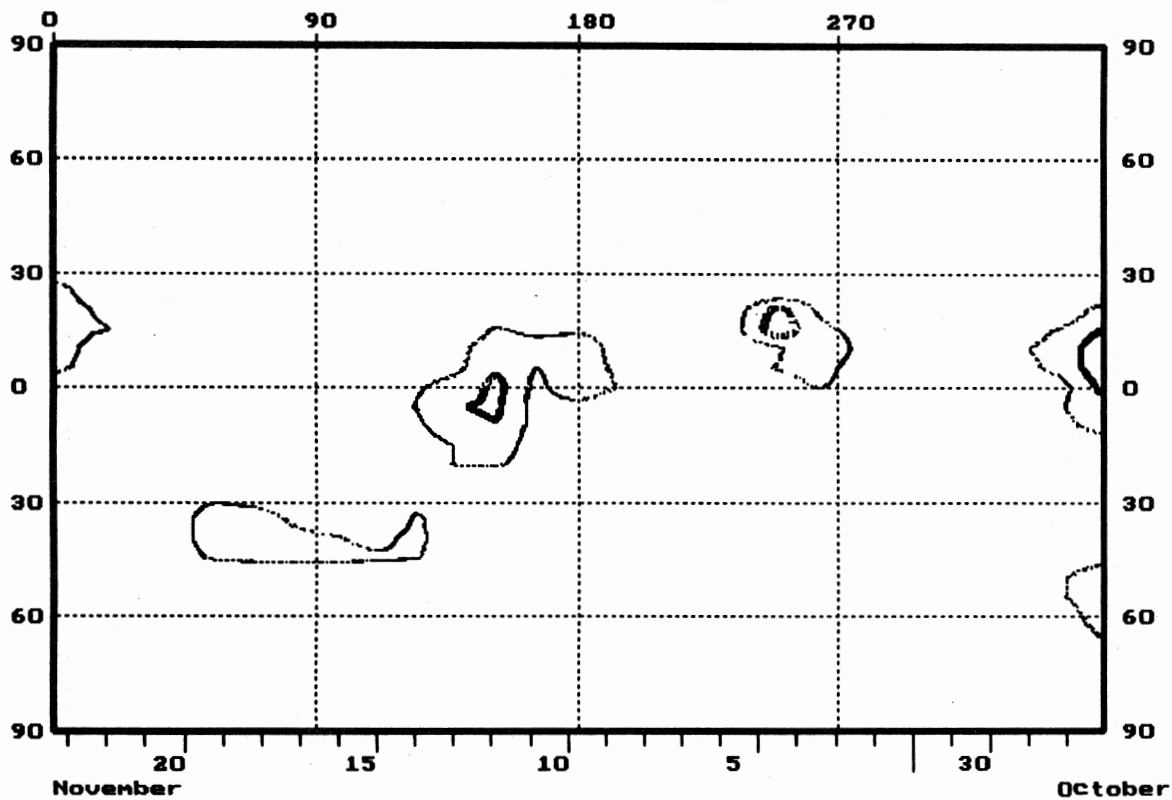
Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1900



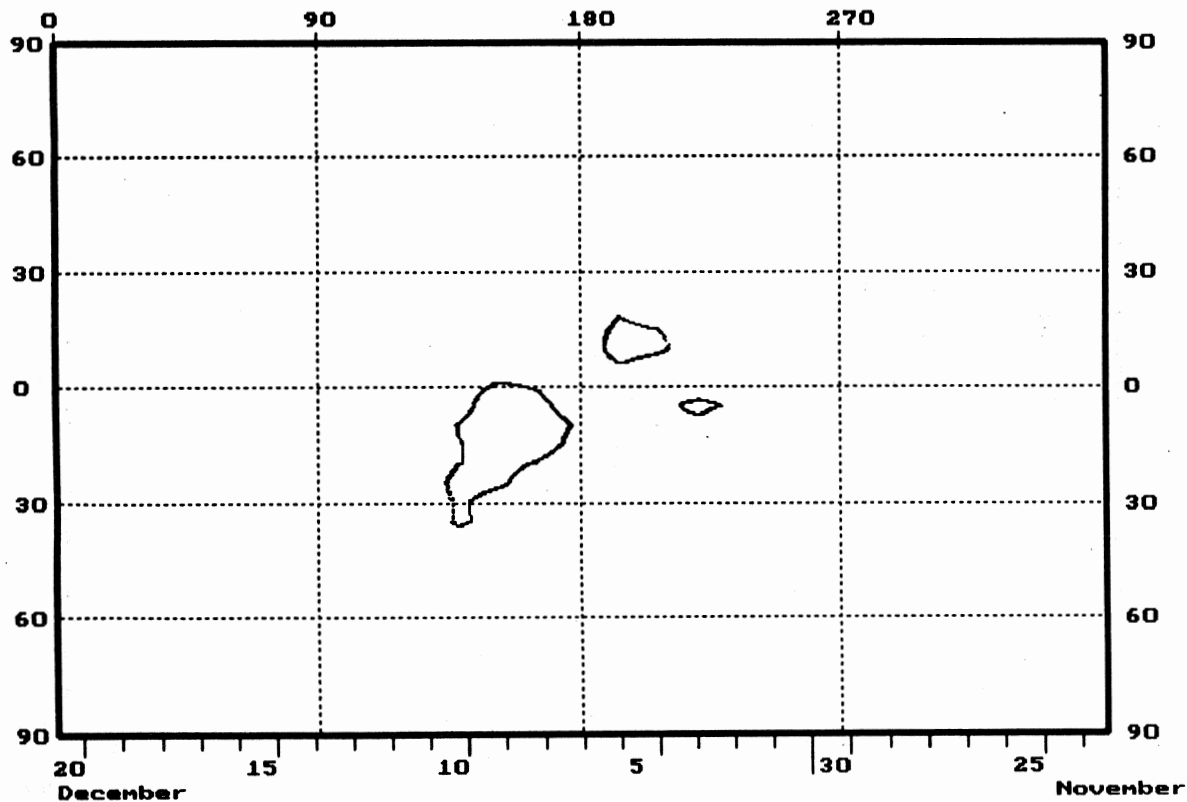
Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1901



Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1902



Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1903



Kislovodsk Solar Station of the Pulkovo Observatory
1995 - CR 1904

