

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

IV - 2 (2009)

Norikura

2009

Photoelectrically measured intensities in units of 10^{-6} of the photospheric
Signs 'X' indicate that the measurements were not performed; signs '-' indicate

530.28 nm

DATE (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	170										
Jul.																																													
15 22:28	5	6	6	7	7	7	7	8	8	7	7	6	6	6	6	5	5	5	5	5	5	5	5	5	8	6	5	4	4	4	4	4	4	4	3	3	3								
20 04:06	5	5	5	5	5	4	4	5	5	5	5	4	4	5	4	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	2	2	2	2									
Aug.																																													
4 20:47	8	8	8	8	8	9	9	9	9	9	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5						
17 01:28	7	7	7	7	7	6	7	7	7	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	7	6	7	7	7	7	6	6	5							
18 01:23	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	7	7	8	8	8	8	8	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	7	7	6				
22 04:45	8	8	8	8	7	7	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	6	6	7	9	11	12	12	11	10	8	7	7	7	7	6									
23 06:09	6	6	6	6	6	6	6	6	6	7	6	6	6	6	5	5	5	5	5	5	5	5	5	5	6	8	10	12	11	8	7	6	6	6	5	5	5								
24 08:40	7	7	6	6	6	6	6	7	6	6	7	7	7	6	6	6	6	6	5	6	5	6	5	5	5	6	8	9	9	8	7	5	4	4	3	3	3								
31 22:21	6	7	6	6	6	6	7	8	8	7	7	6	6	6	6	6	6	6	6	6	6	6	5	5	5	6	6	6	6	6	6	5	6	5	5										
Sep.																																													
1 22:54	5	5	4	4	4	4	5	6	6	5	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	3	3	4	3	3	3	3	3	3								
6 21:58	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
20 00:28	6	5	5	5	5	5	5	6	5	5	5	6	5	5	6	5	4	4	4	4	3	3	4	9	20	34	22	8	6	5	5	4	3	3	3										
20 22:15	6	6	6	6	6	6	6	6	6	5	6	6	5	5	5	5	4	4	4	4	3	3	3	3	5	16	35	24	10	7	4	4	4	4	3	1	1								
Oct.																																													
1 05:04	9	8	8	8	8	9	9	8	8	8	8	7	7	7	7	7	7	7	6	6	5	6	6	6	6	6	5	6	6	5	5	5	5	5	5	4	4								
3 03:27	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5							
3 23:30	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8				
12 04:37	9	9	9	9	8	9	8	8	8	8	8	8	7	8	7	7	7	7	7	7	7	7	7	7	9	12	19	12	10	9	9	9	8	8	7	7									
15 07:18	8	8	8	8	8	8	8	8	8	8	9	9	9	9	11	19	15	7	6	5	5	5	5	5	5	5	5	6	5	6	6	5	4	5	4										

This is the last report from Norikura because of the closure of the Norikura Solar Observatory.

IV — 3 (2009)

Observatory

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

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

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	2	3	3	3	3	4	5	6	6	6	6	5	5	5	5	5	6	5	6	6	6	7	6	7	7	6	6	6	5	4	5	6	5	6	6	5				
2	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	6	6	7	7	6	7	7	7	6	5	5	5			
5	5	5	5	5	5	6	7	7	7	7	6	6	6	6	6	6	6	6	6	6	7	7	7	8	8	8	9	9	9	9	10	10	10	9	8	8	8			
5	5	5	5	5	5	5	5	6	6	6	5	5	6	5	5	5	6	6	6	6	6	6	6	6	7	7	8	8	8	8	8	9	10	10	10	11	9	8	7	7
6	6	6	6	6	6	6	6	7	7	7	7	6	6	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	9	10	10	10	12	11	10	9	8	8
6	6	5	5	5	5	5	5	5	5	7	6	6	6	5	6	6	6	6	6	6	6	7	7	7	8	9	9	9	9	9	9	9	9	9	9	9	9	8	9	
5	5	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	6	6	6	7	7	7	8	8	8	8	8	8	8	8	7	7
3	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	4	4	4	4	4	4	4	5	5	5	6	7	7	7	8	7	7	7	7	7	7	7	6	7	7
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
3	3	3	3	4	4	4	4	5	4	4	4	4	4	4	5	4	4	4	4	4	4	5	5	5	5	6	6	6	5	6	6	6	6	6	5	5	5	5		
1	0	1	0	1	1	1	1	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	4	9	5	5	5	5	5	5	5	6	5	4	4	4	4	4	4	
2	2	3	3	3	3	3	2	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	6	7	7	7	7	6	6	6	6	6	
1	1	1	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	6	6	6	6	7	7	8	9	9	9	9	7	7	7	
4	4	4	5	5	5	5	6	7	8	9	9	8	6	6	6	6	6	6	6	6	7	8	15	23	17	11	10	9	10	10	9	9	9	9	9	9	9	8	8	
5	4	4	4	4	5	5	5	7	7	8	13	31	34	16	7	4	3	3	3	3	4	5	11	24	21	11	8	9	9	8	9	8	8	8	8	8	8	8		
8	8	9	9	9	9	10	11	12	14	15	20	36	69	51	20	16	17	15	15	16	16	16	16	17	21	17	17	14	13	13	12	12	11	11	10	10	10	10		
7	7	7	7	7	6	6	7	7	7	7	7	7	7	7	7	8	7	8	8	8	8	8	8	9	9	9	9	10	10	11	12	11	11	10	10	9	9	9	9	
4	4	5	5	5	5	5	6	6	6	7	6	6	6	6	7	8	8	8	8	8	8	8	9	9	10	10	10	10	10	11	12	11	11	9	9	8	8	8		

IV-4 (2009)

Kislovodsk

2009

Photoelectrically measured intensities in units of 10⁻⁹ of the photospheric
Signs 'X' indicate that the measurements were not performed; signs '-' indicate

530.28 nm

Table with columns: DATE (U T), and 170 numerical columns (0-170). Rows are grouped by month from Jan to Oct. Each row contains a date and time followed by 170 intensity values. Some values are marked with '-' for non-performed measurements.

Observatory

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

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

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

A large grid of numerical data, likely representing solar activity indices or measurements, organized in multiple rows of columns.

IV-12 (2009)

DATE (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	170					
May																																								
3 07:28	0	0	0	2	1	1	5	0	2	0	0	0	1	0	0	0	3	1	0	4	2	0	0	0	0	2	4	0	0	0	3	0	0	0	0	0	0	0		
4 06:03	1	1	0	4	0	1	4	2	4	0	6	5	5	2	2	6	4	4	4	0	4	3	3	0	0	5	5	4	3	4	0	3	2	0	0	0	0	0		
7 08:38	0	0	3	2	2	4	0	0	1	2	0	0	0	0	0	0	9	0	3	2	2	0	0	3	4	0	6	1	2	0	6	2	7	8	3					
13 05:27	0	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	0	3	5	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 05:24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18 05:02	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	2	1	0	1	0	0	1	3	0	0	1	1	0	0	1	0	0	0	1		
20 05:01	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	3	0	1	0	0	3	1	0	3	0	0	1	1	0	0	1	0	0	1		
26 04:47	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	1	3	1	0	3	0	0	0	0	0	0	0	3	6			
30 07:34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0		
Jun																																								
14 05:37	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jul																																								
1 12:03	4	0	0	2	4	2	0	0	3	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	2	0	0	0	0	0	0		
23 07:45	45	45	46	45	44	49	45	45	42	40	40	35	33	31	32	32	29	31	31	30	29	28	27	29	29	25	26	25	27	28	23	25	22	23	22					
Aug																																								
2 08:03	0	0	0	0	3	0	3	0	1	3	0	1	0	0	0	0	0	1	0	2	2	4	4	6	2	2	1	0	1	0	0	0	0	0	0	0	4			
Sep																																								
1 11:07	8	8	8	8	8	7	7	8	7	8	8	8	7	8	7	7	7	9	8	6	6	6	7	6	5	5	5	5	4	4	4	2	2	0	2					
27 10:29	0	0	1	0	0	4	0	4	0	0	0	4	0	4	4	0	5	6	8	5	0	0	6	0	2	0	2	2	0	4	0	2	1	0						
30 13:33	3	0	0	1	5	2	0	0	5	4	4	4	0	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	5	0	0	1	0					
Oct																																								
1 10:07	0	0	0	0	2	3	4	0	0	0	0	0	3	0	6	10	2	6	4	7	7	4	3	8	9	3	3	2	0	0	5	4	4	1						
21 12:35	6	6	7	6	6	6	7	8	8	8	10	12	11	12	18	17	13	12	13	14	13	11	10	10	10	10	11	11	10	11	11	9	6	8	8					
30 10:06	1	0	2	1	2	1	1	2	2	2	3	3	5	5	5	5	6	5	6	5	7	8	7	6	8	6	8	7	8	8	7	6	6	7	9					
31 08:54	5	6	5	5	5	6	8	7	6	6	8	9	8	7	8	10	10	10	13	13	11	11	12	11	12	12	12	11	13	11	11	11	10	11	10	11	10	10		
Dec																																								
5 09:43	7	7	8	7	9	9	8	10	12	12	11	12	11	16	15	14	14	14	13	14	14	14	17	15	13	13	14	12	12	11	11	10	10	10	9					
14 12:10	4	5	4	5	4	5	5	6	6	6	5	6	6	7	6	8	7	8	9	8	8	8	8	7	8	7	7	8	8	8	7	7	7	6	7					
15 10:46	5	5	6	5	5	5	5	7	6	6	5	5	7	7	7	8	9	9	8	6	7	7	7	7	7	8	7	7	9	8	8	7	6	7	6	7	6			

IV— 13 (2009)

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	0	0	0	0	0	0	0	2	0	0	0	2	4	2	2	2	2	3	1	2	0	2	3	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0
2	0	3	0	0	0	1	0	1	4	4	0	4	0	2	0	3	0	7	7	4	8	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	4	4	0	2	5	9	0	2	0	5	0	2	8	1	6	8	0	6	0	6	3	2	7	2	6	6	10	4	6	8	3	0	0
0	0	0	0	2	0	0	3	2	0	1	0	6	0	4	0	0	0	0	0	3	6	1	6	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	0	0	3	3	0	0	0	0	0	1	0	0	1	1	1	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	1	2	0	0	0	2	1	0	3	0	0	0	0	0	0	0	3	0	1	2	2	0	1	4	3	0	0	1	0	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	1	0	0	0	2	0	0	1	1	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
5	5	8	2	0	8	0	0	0	0	0	1	4	5	0	0	0	2	0	4	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0	3	0	3	0	0	2	0	0	2	2	3	0	0	0	0	4	0	0	0	4	0	0	0	0	3	0	0	0	
1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	2	0	4	2	0	2	0	0	0	0	1	4	1	0	0	0	0	0	2	3	0	0	0	5	2	0	1	0	0	
20	21	20	18	17	19	19	17	23	28	27	32	34	35	36	33	36	36	40	40	37	39	38	39	35	37	34	35	35	34	37	33	34	36	33	36	37	0	
0	2	0	0	0	1	0	1	1	2	2	0	1	0	2	1	0	5	2	1	1	3	5	1	4	1	2	1	0	4	3	0	0	2	0	0	0	0	
2	3	3	2	2	2	3	3	3	3	3	4	3	3	3	3	4	4	4	5	4	5	5	5	7	7	7	7	6	7	7	6	7	6	6	6	6	6	6
1	0	3	2	0	0	11	0	2	6	0	0	3	8	13	15	13	8	7	12	9	13	11	7	1	2	1	0	0	5	0	1	6	4	4	6	2	0	
0	0	0	0	0	0	1	3	1	4	1	0	2	2	3	4	3	6	2	4	4	2	7	8	3	4	0	0	0	0	2	0	0	1	0	0	1	0	
2	2	3	2	0	4	4	6	3	4	5	0	4	2	6	6	4	0	4	7	6	1	4	7	9	10	7	6	3	5	5	8	3	5	0	4	3	0	
8	8	6	6	6	6	6	8	9	8	9	10	10	11	11	11	9	9	9	9	9	8	8	8	8	7	7	6	6	7	6	6	6	6	5	5	5	5	
9	8	8	8	9	9	9	10	9	12	10	11	9	11	9	8	9	8	8	9	9	9	10	12	15	11	6	6	4	3	3	3	4	3	2	1	1	1	
10	10	10	9	8	8	9	9	9	10	11	10	12	9	8	9	9	12	9	9	9	9	16	11	11	7	6	6	5	6	6	7	6	6	5	5	5	5	
9	9	9	9	9	9	9	9	9	10	10	11	12	11	12	11	12	12	10	11	12	11	11	12	11	10	10	9	7	8	9	8	7	6	8	7	6	8	7
7	7	7	7	6	6	6	7	7	9	9	8	8	8	8	8	9	9	9	8	9	8	8	8	9	8	7	6	6	5	5	5	4	4	4	4	5	5	
7	7	7	7	8	7	8	8	9	10	10	10	11	10	10	11	11	12	11	11	10	11	11	11	10	10	9	8	8	7	6	6	5	4	4	4	3	3	0