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D-58 (342)

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WARSZAWA 2002

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Results of Atmospheric Electricity and Meteorological Observations S. Kalinowski Geophysical Observatory at Świder, 2001

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INTRODUCTION

General information

The present issue contains the results of recordings of some elements of atmospheric electricity and daily observations of major meteorological factors noted at the S. Kalinowski Geophysical Observatory of the Polish Academy of Sciences at Świder in 2001. Data for the years 1957–1965 have been published in *Prace Obserwatorium Geofizycznego im. S. Kalinowskiego w Świdrze* and for 1966–2001 in *Publications of the Institute of Geophysics, Polish Academy of Sciences*.

Location of the station

Świder is located approximately 25 km SSE of Warsaw and 2.5 km NNW of town Otwock – a small resort and local administrative center. There is no major industry and villa-type housing prevails in the area. Bounded premises of the Observatory, some 7 ha in area, is overgrown by pine and deciduous trees with a few clearings. One of these, approximately 1 ha in area, is the site of the atmospheric electricity and meteorological station. A small street Brzozowa, with a little local traffic, is situated nearby the premises, in the SSW direction. Two observatory

buildings are located at the edge of the clearing: the administrative building and the measurement pavilion of the station.

The postal address is the following:
Obserwatorium Geofizyczne Instytutu Geofizyki PAN,
ul. Brzozowa 2, 05-402 ŚWIDER, POLAND
e-mail: SWIDER @ igf.edu.pl

The instruments and their location

The measuring and recording instruments of atmospheric electricity are mainly located in the pavilion and partly on the clearing, while the meteorological observations are performed in meteorological shelter and meteorological garden.

The electric field intensity is recorded by two identical electronic sets. They operate independently of each other on two ranges (±960 V/m and ±2800 V/m). One set is located at the center of the clearing, the other nearby the measurement pavilion. Each set consists of a radioactive collector (activity of about 30 μC), placed on a metal rod seated in an insulator, and a special dynamic electrometer (Fig. 1). The electrometers are inside separate metal casings, to protect them from harmful weather influences. They are additionally heated to sustain the high resistivity of insulators. Each case with the electrometer is mounted on a metal pipe. The height of the collector above ground is 200 cm for the set in the center of the clearing and 230 cm for the other one.

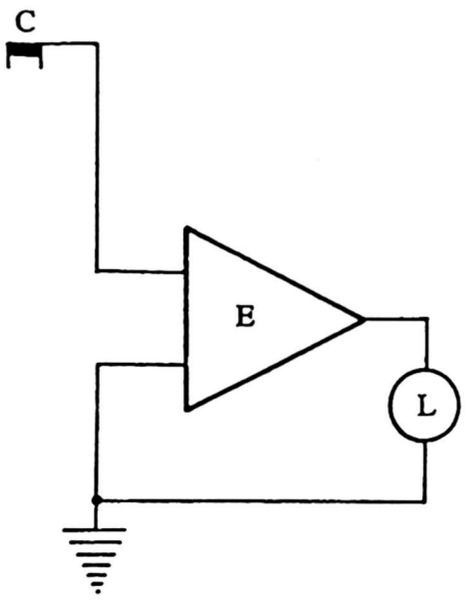

Fig. 1. Block diagram of the set recording the electric field strength: C – radioactive collector, E – electrometer, L – logger.

The differences in electric potential occurring between the collectors and the Earth's surface, amplified by electrometers, are transmitted through buried cables to recording digital logger installed in the pavilion. Both measuring sets have been constructed in the Observatory and are characterized by very high input resistance (10^{14} Ω) as compared to the so-called collector resistance (about 7×10^{10} Ω), which largely eliminated the effect of wind on the electric field recording. They also have a very good stability of zero, constant value of amplification, and a linear dependence of indications on the electric field intensity. The time constant of each set is 7 s.

The arrangement for recording the electric conductivity of positive polarity consists of Gerdien's aspiration condenser with electric batteries, electrometer and logger (Fig. 2). The aspiration condenser is within a separate brick hut located at the clearing, some 3 m away of the measurement pavilion. The air is aspirated 1 m above the Earth's surface. The boundary mobility of the condenser is 2.6 cm^2/Vs. The time constant of the whole arrangement is 60 s.

The condensation nuclei content in the air has been measured with a photoelectric condensation nuclei counter three times daily: 6^h10^m-6^h30^m GMT (I), 11^h00^m-11^h30^m GMT (II), and 18^h10^m-18^h30^m GMT (III). The counter is placed inside the pavilion, while the air samples are collected from outside of the building, at a height of 1 m above ground. The aspiration of air is made by an electric rotational pump through a 1 m long rubber pipe.

Basic meteorological elements, such as air temperature, water vapour pressure and relative humidity of the air are measured in a meteorological shelter 2 m above ground; the shelter is situated about 25 m from the clearing's edge. The atmospheric pressure is read out from the station mercury barometer within the administration

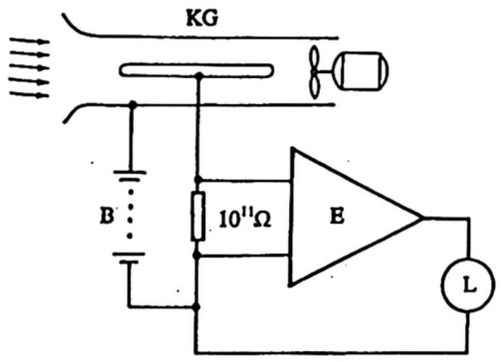

Fig. 2. Block diagram of the set recording the electric conductivity of the air; KG – Gerdien's aspiration condenser, B – battery of electric cells, E – Keithley 614 electrometer, L – digital logger.

building of the Observatory. The velocity and direction of wind are read out from indications of an anemograph manufactured by VAISALA. Its sensor is installed on a metal mast at a height of 17 m. The amount of atmospheric precipitation is measured by Hellman's rain-gauge, with an intercepting surface of 200 cm^2. Other meteorological phenomena are observed visually from the clearing and a roof of administrative building.

Tables

The monthly tables of the electric field contain hourly means (according to GMT) taking into account the reduction coefficient to a flat surface. Uncertain data are placed in round brackets, while the mean values calculated for part of an hour (at least 40 minutes) are in square brackets. If the field values exceeded the measurement range in the positive or negative direction, the mean value is preceded by sign > or sign <, respectively. If the values exceeded the range in both directions through the same hour, the mean values are marked with the sign |. Mean monthly values calculated for every hour for the so-called fair-weather periods *A* and for all data *N* are listed at the bottom of the tables. For each day there are also listed the following: daily values of the electric field (*A* and *N*), daily maxima (Max), minima (Min), amplitudes (Amp.), and type of weather (symbols explained on page 10). The hourly means of the electric field are underlined with a solid line if during the given hour there occurred: rain, drizzle, snow, hail, fog, local or distant thunderstorm, lower cloudiness exceeding 1/3, wind velocity exceeding 6 m/s, the field value was negative or exceeded 1000 V/m. The hourly mean values in column A, i.e., for fair-weather periods, were calculated for data which were neither underlined nor marked with round brackets.

The monthly tables of electric conductivity of positive polarity contain: hourly means (in GMT), daily means, daily maxima, minima and amplitudes, weather type, monthly means for every hour and total monthly means. Like in the case of the electric field, the means were calculated for the fair-weather periods *A* and for all hours with no exception *N*.

The condensation nuclei content data are given for three measurement terms daily (I, II, and III). The daily means and monthly means *M* were calculated on the basis of these data.

The meteorological tables contain the following elements measured three times a day (6^h00^m, 12^h00^m, 18^h00^m GMT): air temperature, relative humidity, atmospheric pressure, water vapour pressure, direction and velocity of wind, cloudiness and type of clouds. Since January 1989 the cloudiness has been measured in the scale 0 to 8. The tables contain also the highest (Max) and lowest (Min) temperatures, the temperature amplitude (Amp.), and lowest temperatures at ground surface (+5 cm,

Min) during the day as well as the sum of atmospheric precipitation and snow cover height. The daily means *M* of temperature were calculated as an average values of air temperatures measured two times a day (6^h, 18^h GMT) and Max and Min values. The daily means *M* of relative humidity *H* were calculated from the formula: $M = (2 \times H[6^h] + H[12^h] + H[18^h])/4$. The monthly means *M* were calculated from daily means.

The tables beginning on page 61 list the timing (in GMT) and intensity of other meteorological phenomena; the international meteorological symbols are used.

In 2001, atmospheric electricity and meteorological observations, as well as the data treatment, were carried out by M. Kubicki, W. Kozłowski, D. Jasinkiewicz, and G. Gawrysiak. The material was prepared for publication by M. Kubicki.

Received: May 18, 2002

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Annual mean values (for the fair weather) of electric elements.

Year	Air conductivity (positive) *10 $^{-16}$ [ohm^{-1} m^{-1}]	Electric field strength V/m
1958	55	143
1959	92	88
1960	60	90
1961	50	109
1962	90	87
1963	110	101
1964	75	84
1965	60	143
1966	46	116
1967	34	175
1968	33	166
1969	36	179
1970	35	192
1971	48	202
1972	46	228
1973	39	224
1974	46	254
1975	49	265
1976	43	285
1977	40	245
1978	31	217
1979	28	343
1980	30	258
1981	29	313
1982	32	305
1983	32	216
1984	29	192
1985	22	198
1986	39	162
1987	25	191
1988	21	227
1989	25	252
1990	24	258
1991	22	271
1992	26	262
1993	25	302
1994	24	298
1995	24	273
1996	24	276
1997	25	306
1998	22	305
1999	16	308
2000	24	311
2001	23	277

Note: The yearly means were calculated from monthly means for the fair weather.

COORDINATES OF THE STATION

$\varphi = 52°07'$ N $\lambda = 21°15'$ E h = 100 m

LOCATION OF INSTRUMENTS

	Height a.s.l. [m]	Height over ground [m]
Barometer	107	7.0
Instruments in meteorological shelter	102	2.0
Anemometer		16.9
Rain-gauge		1.0
Radioactive collectors		2.0
Aspiration condenser of the conductivity set		1.0
Photoelectric condensation nuclei counter		1.0

TYPE OF WEATHER

B	clear sky (cloud cover 0.0–2.4)
c	moderate cloudiness (cloud cover 2.5–6.4)
o	overcast (cloud cover 6.5–8.0)
r	rain
p	passing showers
d	drizzle
s	snow
g	granular snow
h	hail
t	thunderstorm over the station
l	distant thunderstorm
f	fog
m	mist
z	haze
hf	hoar frost
w	snowstorm
ws	snowstorm with snow falling
wind	wind velocity > 6 m/s

A	Mean values for the "fair weather".
N	Mean values for all days.

TIME NOTATION

n	between	18^h	and	6^h	GMT
a	between	6	and	12	GMT
p	between	12	and	18	GMT
np	between	18	and	24	GMT
na	between	0	and	6	GMT

INTERNATIONAL SYMBOLS USED

- rain
- drizzle
- snow
- intermittent snow
- granular snow
- soft hail
- small hail
- grains of ice
- hail
- sleet
- ice needles
- dew
- hoar frost
- soft rime
- glazed frost
- glazed frost on the ground
- snow-storm
- drifting snow (near the ground)
- drifting snow (high up)
- moderate fog
- heavy fog
- very heavy fog
- ground fog
- mist
- ground mist
- haze
- thunderstorm
- distant thunderstorm
- lightning
- solar halo
- lunar halo
- solar corona
- lunar corona
- rainbow
- aurora

January 2001

Electric field strength [V/m]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	128	105	98	101	106	115	193	195	133	165	165	173	206	207	273	288	347	318	283	155	249	286	243	295	–	201	508	-3	511
2	328	194	210	171	157	170	190	142	175	147	112	175	206	254	248	202	201	-139	-241	-476	<-598	7	145	137	–	<88	529	<-1006	>1535
3	-86	224	207	262	232	235	162	290	356	324	419	460	488	465	344	131	-156	<-790	<-1006	|	|	-26	177	167	–	–	–	–	–
4	165	220	249	245	244	151	111	91	118	70	164	215	245	285	375	275	324	202	315	384	447	478	502	379	–	261	646	-37	683
5	402	273	228	181	244	232	110	157	142	>120	63	96	0	154	244	253	157	214	280	305	310	296	241	195	–	>204	>1018	-954	>1972
6	205	156	<-497	<-562	94	100	81	74	0	20	63	198	184	138	199	365	394	332	341	333	375	345	323	311	–	<149	492	<-1006	>1498
7	231	239	212	192	137	127	109	103	122	119	155	250	343	288	188	173	75	249	320	379	397	524	372	315	–	234	768	-89	857
8	234	226	97	9	<-363	<-898	-464	-226	-163	-310	-266	18	43	21	88	101	234	232	309	259	164	-133	-458	162	–	<-45	553	<-1006	>1559
9	280	193	160	242	288	349	269	306	191	149	173	162	151	213	253	-58	33	154	76	43	74	59	50	54	–	161	530	-488	1018
10	78	94	56	103	116	119	163	119	103	49	<12	<55	122	219	239	284	239	326	310	390	421	391	242	170	–	<184	629	<-1006	>1635
11	234	293	301	252	242	314	394	431	311	277	317	321	349	354	411	457	446	460	437	433	316	291	156	44	–	327	526	-751	1277
12	70	97	114	132	194	139	187	216	197	227	218	254	227	309	268	282	325	327	268	271	286	273	227	225	–	222	425	-28	453
13	206	|	199	97	151	175	265	341	336	360	345	320	301	357	460	418	268	69	111	88	88	88	71	29	–	–	–	–	–
14	43	-21	-45	82	122	2	13	-35	-25	-53	-40	-23	-29	-74	-42	28	34	-66	131	119	186	130	129	218	–	33	357	-939	1296
15	250	140	105	182	191	187	202	246	249	281	158	225	131	-24	51	201	205	291	406	421	538	703	>759	752	–	>285	>1018	-147	>1165
16	711	609	538	497	393	368	380	427	408	329	285	358	325	326	358	356	368	411	394	413	406	395	370	407	–	410	965	187	778
17	334	367	224	274	225	294	261	270	300	242	280	292	316	421	353	389	368	402	373	332	277	248	238	244	–	305	532	143	389
18	172	183	291	203	197	198	252	289	336	380	402	392	406	411	423	426	442	442	478	428	422	380	339	350	–	343	603	124	479
19	325	217	215	211	216	235	264	310	305	307	334	356	359	371	375	321	381	262	335	278	271	288	282	241	–	294	506	146	360
20	261	271	275	270	252	257	271	292	295	375	389	377	393	437	425	425	494	525	577	542	556	522	445	413	–	389	674	162	512
21	374	355	327	336	286	255	222	225	233	268	254	285	276	312	254	176	165	170	143	113	109	195	138	86	–	232	415	59	356
22	130	174	144	149	155	170	217	234	264	298	287	264	348	423	387	474	505	458	447	413	400	382	331	296	–	306	591	73	518
23	280	261	254	240	249	311	326	361	396	416	361	399	419	458	435	476	508	525	520	487	476	460	413	359	–	391	594	166	428
24	311	294	286	294	257	257	268	335	396	436	434	465	481	474	466	464	466	427	393	373	369	311	287	239	–	366	569	208	361
25	197	>259	|	-332	-111	|	-145	68	16	18	12	103	117	158	274	317	339	382	373	358	354	388	356	340	–	–	–	–	–
26	330	320	312	319	235	-53	172	39	-37	-23	16	136	152	149	169	206	209	224	324	342	362	365	349	397	–	209	532	-708	1240
27	380	371	242	198	231	278	334	209	289	278	195	303	328	350	231	366	203	138	77	164	266	153	52	27	–	236	720	-165	885
28	45	115	53	99	65	127	106	131	149	279	272	270	266	291	308	315	571	628	726	578	449	448	373	303	–	290	951	-591	1542
29	296	238	244	271	238	200	274	317	308	344	447	432	457	328	355	292	163	220	222	303	170	178	205	256	–	282	573	43	530
30	264	231	249	221	198	140	146	258	321	308	241	281	299	270	360	358	432	494	519	593	644	558	464	306	–	340	739	17	722
31	244	196	149	163	213	166	201	244	249	203	100	104	245	278	318	344	421	503	511	525	512	458	393	313	–	294	621	-20	642
A	287	250	270	255	233	239	298	316	324	347	362	374	386	404	372	382	421	417	424	413	380	375	305	288	343					
N	239	230	183	<165	<176	157	179	208	209	>207	<205	<249	263	278	293	294	296	<271	<282	312	310	305	>264	259	242					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	o,r	o,r,s	o,r,f m	o,f	o,r,m	o,f,m	o,r,f m	o,f,r m	o,r,f m	o,r,s	b,s, hf	c,s,g	c,s,m	o,f,d m	o,m,f d,s	o,m	o	b,hf	o,hf	o,hf	o,g	o	o	o	o,f,s m	o,r	o,r	c,m,r hf	c,hf,r	o,m,r	o,g

February 2001

Electric field strength [V/m.]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	221	>169	109	151	182	210	204	224	236	222	215	241	276	299	322	370	529	>720	617	549	565	657	636	485	–	>350	>1018	66	>952
2	350	288	181	202	246	279	292	303	279	299	276	255	265	253	277	432	373	345	214	263	386	345	271	265	–	289	564	-38	602
3	196	199	231	231	216	179	100	98	158	178	230	274	216	251	239	283	296	229	220	148	158	89	289	451	–	215	674	-82	756
4	557	237	278	459	303	283	276	306	266	207	245	343	377	399	383	346	339	281	308	357	360	293	170	197	–	316	775	-18	793
5	230	235	165	182	207	13	241	393	225	55	-76	-45	-63	-121	-69	-177	<-559	<-249	<-318	<-641	-149	-3	78	173	–	<-11	765	<-1006	>1771
6	149	207	265	245	294	<24	|	|	57	187	317	361	388	435	385	568	577	500	325	386	348	331	312	270	–	–	–	–	–
7	241	241	243	239	252	259	279	289	344	360	357	389	396	412	388	442	472	451	344	396	374	347	367	312	–	341	533	195	338
8	238	178	135	131	107	111	138	142	242	314	253	273	288	288	329	292	323	216	181	232	222	204	176	171	–	216	388	42	346
9	86	54	109	167	188	189	195	252	270	288	284	288	309	356	342	373	411	426	429	377	404	195	106	110	–	259	525	-105	630
10	97	186	162	6	-2	-14	61	105	163	205	201	201	204	238	294	258	290	406	461	397	438	462	519	480	–	243	650	-153	803
11	375	336	401	355	364	331	338	374	370	285	228	232	283	316	328	421	433	419	424	378	334	364	368	333	–	350	638	169	469
12	302	302	260	285	282	287	316	387	402	410	365	380	387	387	408	435	526	591	566	603	550	459	367	284	397	397	674	204	470
13	192	155	133	84	108	235	111	191	200	177	225	234	258	251	252	250	274	312	316	316	257	224	249	197	–	217	373	-42	415
14	159	139	130	123	148	166	198	249	271	253	273	308	314	242	31	100	113	97	101	99	-3	14	156	152	–	160	559	-211	770
15	3	-109	-92	-100	-43	8	101	153	178	196	169	214	219	232	246	211	251	244	240	188	128	227	207	137	–	134	366	-242	608
16	99	194	101	137	205	167	139	162	297	357	365	362	330	399	348	218	184	221	97	100	149	173	178	183	–	215	482	-55	537
17	160	49	136	228	107	-1	53	225	253	311	278	280	291	279	288	304	312	268	230	210	110	50	65	33	–	188	465	-127	592
18	51	69	75	130	127	-7	-116	|	|	|	65	180	188	263	285	261	|	|	142	165	129	138	139	149	–	–	–	–	–
19	139	160	158	140	148	137	41	31	52	102	38	173	242	243	221	304	194	116	74	-54	-10	16	-27	-147	–	104	376	-255	631
20	-157	-24	71	219	103	138	116	180	191	241	226	261	272	196	202	393	339	277	270	199	266	235	230	138	–	191	583	-356	939
21	148	133	103	65	22	<-707	<-648	<-247	<-396	-351	-180	|	|	|	|	|	<-116	|	<23	<78	<53	|	|	|	–	–	–	–	–
22	-150	>81	185	563	>177	|	156	111	219	159	233	<73	|	172	255	247	234	327	341	175	216	171	71	183	–	–	–	–	–
23	191	201	-8	<-159	22	-17	42	49	12	70	82	233	304	303	281	327	370	518	474	417	491	475	413	422	–	<230	707	<-1006	>1713
24	339	388	315	296	240	310	279	329	341	338	256	266	247	191	170	286	268	315	305	417	462	328	415	314	–	309	725	-285	1010
25	141	178	153	240	137	92	93	84	222	314	355	286	270	260	242	244	315	409	464	480	374	256	231	301	–	256	572	-19	591
26	202	236	217	217	269	275	343	412	372	528	507	457	429	452	448	426	511	482	484	472	303	247	223	184	–	362	644	113	531
27	143	94	122	137	106	153	205	273	310	376	385	309	283	357	224	280	324	346	419	442	432	106	17	-16	–	243	682	-148	830
28	80	98	90	102	166	110	118	20	234	435	453	470	462	439	471	550	615	505	531	535	532	499	484	428	–	351	742	-65	807
A	215	222	229	221	230	226	228	314	295	351	346	336	345	350	339	359	388	369	356	376	373	314	317	286	321					
N	171	>167	158	<181	>167	119	136	196	214	241	237	270	286	289	281	313	304	337	<295	<274	<281	256	249	229	235					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	c,h/s	o,s,h/	o,s	c,h/	o,h/,g s,r	o	c	o,h/	c,h/	o,g	c,h/	c	o	o,h/	o,d,r	c,h/,m	c,d,f	o,s,l	o,g,s	o,s,m	o,r,g s,l, wind	c,s	o,s,g	c,s	c	c	c,s	b,h/

March 2001

Electric field strength [V/m]

Day	GMT 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	410	356	344	369	314	327	365	381	351	386	338	363	336	321	294	244	121	<-593	<-791	-45	53	37	40	9	–	<180	464	<-1006	>1470
2	58	74	84	78	164	186	162	194	210	246	292	297	283	275	272	284	>378	|	156	120	10	5	141	190	–	–	–	–	–
3	220	139	131	145	147	200	244	239	332	369	369	398	199	171	85	21	64	98	160	79	101	83	48	33	–	170	548	-166	714
4	154	264	224	156	280	276	507	293	150	74	-49	<-295	-262	299	>231	|	-37	122	-75	141	169	174	193	65	–	–	–	–	–
5	45	122	66	45	-28	-12	172	136	268	191	146	171	201	137	154	146	293	399	490	552	555	556	529	458	–	241	685	-178	863
6	459	457	473	390	396	492	487	561	684	651	465	391	430	344	354	374	412	606	>944	>959	>993	>980	862	795	–	>582	>1018	245	>773
7	>821	783	714	476	318	292	365	438	478	507	487	414	337	353	362	337	293	748	801	>933	845	409	521	544	–	>524	>1018	175	>843
8	508	443	372	404	305	298	298	335	337	370	366	369	430	450	493	517	526	500	536	574	600	604	556	472	–	444	684	186	498
9	445	380	369	369	409	422	429	433	429	359	380	381	326	339	329	295	315	335	324	381	295	242	248	238	–	353	555	88	467
10	181	–	–	–	–	–	–	218	255	266	278	271	264	305	318	296	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	184	224	266	232	234	248	266	308	388	57	22	15	126	192	108	–	–	–	–	–
12	92	117	119	77	83	78	62	212	294	350	396	360	367	334	282	199	219	387	412	396	324	237	255	67	–	238	491	-197	688
13	31	52	47	89	112	141	147	124	171	167	229	166	45	80	67	175	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	88	245	241	217	166	158	225	249	216	234	324	359	346	361	231	223	202	–	–	–	–	–
15	176	159	152	172	187	194	209	92	80	221	200	230	186	218	|	211	210	264	308	490	358	364	250	147	–	–	–	–	–
16	57	105	74	142	95	71	161	136	159	204	221	230	242	263	256	267	263	354	334	339	207	199	164	109	–	194	471	-178	649
17	90	166	203	202	206	306	317	392	374	333	322	316	294	259	312	314	340	352	371	347	348	341	275	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	216	188	211	201	197	226	238	235	260	352	447	481	363	321	299	249	–	–	–	–	–
19	200	188	157	160	212	228	354	332	354	227	-477	30	21	<-227	100	220	>282	|	|	97	160	206	214	196	–	–	–	–	–
20	200	185	174	225	>275	221	|	>76	144	355	314	418	544	451	>431	125	333	91	>69	>235	51	233	182	115	–	–	–	–	–
21	194	184	178	166	169	237	272	265	212	318	305	257	197	281	308	358	211	250	396	664	643	601	532	605	–	325	838	106	732
22	390	462	362	237	269	258	522	531	401	376	404	410	450	448	487	519	548	586	867	>876	771	694	680	550	–	>504	>1018	90	>928
23	508	410	395	373	384	425	377	380	347	342	330	308	289	271	296	309	398	486	625	578	520	492	459	362	–	403	790	225	565
24	313	299	296	277	290	358	399	381	360	313	329	431	|	|	|	|	|	<-734	556	326	347	>624	163	356	–	–	–	–	–
25	244	164	191	206	209	243	221	125	86	101	137	176	248	501	436	235	338	213	121	209	195	181	259	271	–	221	772	12	760
26	253	183	203	106	523	225	185	262	253	242	266	274	250	310	213	170	200	103	454	409	270	304	307	295	–	261	824	-271	1095
27	247	243	246	258	276	340	341	349	357	307	310	316	307	319	315	337	323	390	508	579	516	386	314	299	–	341	704	158	546
28	277	290	272	264	263	378	427	423	357	343	312	295	314	314	329	359	389	428	526	754	>814	570	643	543	–	>412	>1018	205	>813
29	449	477	450	467	529	546	561	527	543	501	527	609	581	542	561	485	471	462	450	428	410	361	332	289	–	482	716	241	475
30	257	239	226	235	216	244	293	303	334	370	387	400	504	432	412	404	392	381	390	326	217	189	153	130	–	310	582	109	473
31	105	111	139	159	189	195	232	202	225	258	292	310	256	215	224	117	130	193	212	241	241	239	174	130	–	200	392	-83	475
A	357	375	340	314	307	340	380	356	355	348	360	364	376	358	357	369	377	435	459	482	441	408	450	433	374				
N	284	261	247	231	252	266	312	291	300	302	275	<288	274	290	298	277	293	277	357	408	371	344	318	280	295				

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	o,r,m	c,f,hf,s	o,f,r,s	o,f,m,s	o,r,f	b,hf	c,hf,m	o,hf	o	o,m	o,m,r	o,r,f	o,r	c,f,r	o,r	o,f	c,r	o	o,r,m	o,s	o,s,g	c,hf	o	o,s	o,s	o,s	c	c	b,hf	c	c,r

April 2001

Electric field strength [V/m]

GMT / Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	244	188	185	107	172	359	215	405	340	332	341	281	263	270	274	267	258	286	355	[331]	–	–	–	–	–	–	–	–	–	–
2	–	–	–	[126]	136	111	251	333	387	447	329	265	299	273	251	283	247	257	291	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	155	189	261	308	268	257	243	227	226	237	297	373	492	418	348	283	265	234	–	–	–	–	–	–
4	223	198	192	181	151	191	208	197	219	261	263	283	257	262	266	264	385	398	391	452	385	406	365	335	281	281	661	55	606	
5	297	307	286	215	190	228	224	165	115	30	71	79	19	154	103	53	-111	187	241	370	167	131	89	73	–	153	490	-289	779	
6	69	129	143	166	159	261	534	380	336	258	196	176	172	163	159	160	149	179	272	404	318	255	197	144	–	224	970	1	969	
7	111	117	160	154	155	243	246	268	261	241	217	168	162	146	177	174	236	220	218	328	308	287	235	197	–	209	390	62	328	
8	201	180	171	165	185	176	183	121	197	367	413	270	226	191	278	236	229	263	287	272	272	337	206	82	–	230	483	-211	694	
9	127	101	63	7	-60	-69	-41	<-351	<-501	-329	-77	-123	-66	-22	-11	-119	<-330	-512	-88	-24	8	-19	58	5	–	<-99	487	<-1006	>1493	
10	16	-30	<19	56	46	71	87	38	93	144	66	145	137	91	79	-421	110	85	154	176	29	-40	101	106	–	<57	338	<-1006	>1344	
11	-88	-169	-105	-167	-17	-158	-327	24	45	105	99	157	191	200	222	244	283	235	266	230	268	237	153	183	–	88	401	-607	1008	
12	113	75	113	70	49	47	113	116	-187	-70	141	217	<94	|	166	|	218	281	343	353	318	315	235	196	–	–	–	–	–	
13	204	213	194	202	233	219	167	94	158	>151	|	|	178	|	<-530	317	235	|	159	191	160	43	133	198	–	–	–	–	–	
14	142	140	147	146	72	131	154	162	>486	|	|	|	|	|	|	222	245	237	>401	374	347	118	207	228	–	–	–	–	–	
15	224	217	216	221	251	273	322	295	220	175	169	167	154	177	196	193	179	232	328	374	390	360	312	264	–	246	494	103	391	
16	229	200	210	188	202	195	209	167	106	124	60	-5	-50	-2	196	81	187	272	403	338	309	266	240	62	–	168	504	-281	785	
17	29	104	106	161	74	235	270	294	236	231	219	166	192	>397	196	368	191	214	252	292	212	177	218	184	–	>216	>1018	-452	>1470	
18	198	129	140	161	222	314	311	298	207	204	197	206	181	125	196	243	242	<43	|	217	291	295	230	222	–	–	–	–	–	
19	195	132	119	159	215	195	211	–	[138]	182	210	213	195	166	196	201	215	297	509	334	421	310	292	207	–	–	–	–	–	
20	177	139	133	87	112	101	97	200	177	|	89	138	187	>252	196	>479	>138	-61	-38	<-79	|	<-775	-23	128	–	–	–	–	–	
21	87	79	232	157	28	-48	-99	-79	-91	-77	23	79	156	125	122	123	140	161	206	168	165	165	197	169	–	91	714	-200	914	
22	166	182	146	126	113	112	127	27	-54	-50	-103	>46	<-34	|	|	77	-229	-383	30	135	128	78	72	168	–	–	–	–	–	
23	151	71	130	66	102	69	109	149	166	200	179	172	177	200	202	233	242	252	339	282	264	219	187	263	–	184	440	-10	450	
24	102	>100	|	<-264	143	<-284	-144	>-155	87	-27	<-88	<-568	|	29	22	35	85	18	-149	-424	<-486	144	167	234	–	–	–	–	–	
25	320	270	296	323	304	271	279	191	189	239	229	240	226	230	250	268	298	190	304	227	235	257	333	332	–	263	483	91	392	
26	316	250	250	300	239	272	268	243	212	194	177	116	111	90	119	|	[55]	–	[169]	|	|	113	76	97	–	–	–	–	–	
27	127	-275	|	|	-317	-451	45	152	153	212	202	156	203	240	235	246	214	91	192	238	288	324	268	255	–	–	–	–	–	
28	244	250	178	148	189	346	295	269	255	234	235	233	224	184	151	162	176	214	293	330	319	309	>321	-22	–	>231	>1018	-361	>1379	
29	43	119	173	155	172	209	239	278	252	266	215	203	162	178	178	210	191	227	312	324	283	282	225	222	–	213	380	-189	569	
30	228	197	175	169	193	248	297	341	345	348	325	267	228	220	239	288	280	250	301	329	302	284	270	253	266	266	527	127	400	
A	199	196	188	194	191	248	255	266	251	301	303	254	229	239	229	230	243	263	313	339	300	279	240	223	253					
N	161	>129	157	128	128	133	167	166	160	168	167	143	160	176	152	183	169	161	249	249	233	184	201	179	171					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	c,f	c,m,r	c	c	c,r	c	c	c,r	c,r	c,r	c,r	c,m,r h	c,s,g	c,s,g	c	c,r	c,m,f r	c,r	c,r	c,r,l m	c,f,r m	c,f,r m	c,m,r	c,r	c,f,m d	c,r	c,m,r	c	c,r	b

MAY 2001

Electric field strength [V/m.]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	234	202	166	149	155	174	176	175	173	178	176	170	181	135	150	152	146	128	164	212	197	192	186	172	–	173	272	102	170
2	163	154	150	|	|	88	40	46	108	136	185	235	257	270	249	240	222	253	300	356	366	337	340	326	–	–	–	–	–
3	288	226	226	205	298	322	302	274	257	233	231	224	208	212	220	235	222	248	301	345	370	357	316	292	267	267	429	93	336
4	275	271	262	306	325	371	433	408	345	306	269	252	232	217	219	228	248	261	278	317	300	232	177	187	280	280	508	123	385
5	175	169	181	237	251	268	296	305	283	275	259	253	249	220	220	246	258	229	261	|	189	235	171	167	–	–	–	–	–
6	163	174	178	179	193	298	201	148	141	154	161	163	163	175	<6	|	203	130	<-309	244	224	188	171	154	–	–	–	–	–
7	152	163	204	176	207	252	285	262	233	|	192	207	|	56	80	92	|	-2	44	88	129	126	121	106	–	–	–	–	–
8	133	140	131	113	145	157	71	30	80	116	147	201	226	197	248	252	336	284	260	252	351	314	302	263	–	198	451	-124	575
9	228	213	199	228	230	253	245	207	176	167	145	136	138	139	145	160	194	189	178	202	209	232	228	208	–	194	322	68	254
10	196	174	157	157	210	275	262	216	188	154	121	122	>153	<-175	93	68	128	139	185	131	60	170	165	59	–	142	>1018	<-1006	>2024
11	152	179	196	211	243	241	266	275	241	195	165	209	142	124	131	184	235	232	240	239	252	254	248	230	–	212	337	81	256
12	223	211	197	213	228	272	224	229	338	233	175	161	159	157	146	178	170	180	229	359	333	384	320	239	–	232	549	119	430
13	171	158	148	157	244	273	307	319	297	270	217	210	195	203	204	183	182	155	205	293	320	272	271	163	226	226	486	82	404
14	123	77	72	88	106	127	203	208	176	154	124	144	140	144	140	131	127	119	107	175	199	162	152	153	–	140	293	46	247
15	145	152	183	187	202	237	238	229	237	210	190	167	138	127	128	133	141	115	134	148	153	159	137	122	–	167	350	62	288
16	118	118	127	133	140	160	191	165	180	161	|	|	<-366	-58	106	187	220	163	167	202	196	163	131	111	–	–	–	–	–
17	107	139	89	129	197	204	204	220	170	163	144	153	150	152	166	167	197	201	213	219	74	115	155	143	–	161	338	-33	371
18	99	144	202	218	228	277	319	245	226	222	209	|	>43	|	|	-181	65	103	176	181	185	117	95	118	–	–	–	–	–
19	130	132	88	48	71	126	116	46	25	<-146	-23	37	79	113	148	151	202	88	97	207	227	202	207	178	–	106	385	<-1006	>1391
20	149	136	120	161	185	202	181	177	181	161	174	196	216	210	191	198	230	219	204	179	183	184	221	191	185	185	278	87	191
21	184	164	164	196	238	276	285	228	201	129	231	188	193	193	167	189	198	200	223	273	297	312	303	290	–	222	391	-481	872
22	307	249	248	293	427	379	292	257	241	209	196	202	211	240	216	234	237	228	214	420	701	>776	>845	>842	–	353	>1018	115	>903
23	543	560	429	468	505	422	283	303	348	302	265	233	219	223	226	208	203	188	147	233	301	277	207	165	303	303	771	95	676
24	154	143	104	117	206	263	289	293	290	325	279	256	255	217	252	255	229	218	185	149	190	264	184	282	225	225	420	62	358
25	194	190	247	315	371	445	393	324	308	306	303	247	229	235	256	212	244	272	284	342	384	352	326	307	–	295	498	82	416
26	248	217	236	318	329	352	382	344	317	261	237	229	237	254	260	236	231	238	326	546	626	674	474	369	–	331	920	106	814
27	232	256	252	207	284	268	231	220	234	186	164	174	107	97	121	136	126	147	152	143	212	212	181	170	–	188	354	28	326
28	213	269	117	66	<-245	72	38	46	63	9	76	11	54	147	201	201	232	175	186	81	99	83	81	110	–	99	723	<-1006	>1729
29	106	118	104	138	141	138	109	140	188	191	82	>-40	|	30	140	152	207	<-373	155	259	197	125	<-156	|	–	–	–	–	–
30	-53	|	|	18	-27	5	33	124	|	52	|	|	|	|	36	|	33	|	>111	|	|	>130	221	199	–	–	–	–	–
31	214	193	210	177	185	186	287	342	268	199	207	237	241	232	234	223	210	254	316	328	372	407	395	295	–	259	555	107	448
A	200	193	187	208	248	284	270	245	236	213	204	212	208	204	202	202	213	210	216	261	290	250	225	208	225					
N	186	190	180	187	209	238	232	220	217	184	183	178	159	155	170	174	196	166	185	246	263	>258	231	220	201					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	c	b,l,r	c	c	b,r	c,r,l	o,l,m	b	c	o,r	c,r	c	b	b	c	o,r,l,t	o,h,f	c,r,l,t	o,r	b	c	b	b,h,f	b	c	c,h,f	c	o,r	c,r	o,r	o,r

June 2001

Electric field strength [V/m]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	299	254	215	256	357	412	356	298	236	220	184	173	221	170	168	260	274	260	<-63	|	163	210	187	183	–	–	–	–	–	–
2	116	|	75	138	161	157	169	>184	171	289	230	181	181	163	<-224	205	<-20	205	257	280	317	307	254	271	–	–	–	–	–	–
3	254	254	224	183	-51	72	94	221	287	|	|	|	|	43	104	214	217	228	219	180	256	296	310	307	232	–	–	–	–	–	–
4	241	274	222	214	283	250	262	324	299	249	200	174	154	139	164	209	210	226	256	309	309	265	>163	154	–	>231	>1018	-296	>1314	
5	231	219	209	213	230	308	326	349	312	307	262	211	204	215	215	220	243	226	247	247	266	272	354	231	–	255	483	102	381	
6	312	253	249	214	231	263	269	265	249	248	178	197	221	221	195	227	244	236	251	421	358	495	>662	375	–	>285	>1018	126	>892	
7	424	463	428	406	400	285	269	265	261	259	207	179	166	169	181	182	165	149	172	140	121	171	145	121	–	239	645	-62	697	
8	153	161	139	146	175	223	269	244	208	167	210	171	70	|	-86	52	139	255	350	343	260	303	258	238	–	–	–	–	–	–
9	129	-36	-30	36	|	<-417	–	[75]	151	192	376	269	289	267	271	229	199	265	334	324	393	375	350	291	–	–	–	–	–	–
10	264	212	181	186	159	129	147	145	167	209	214	209	204	191	209	206	222	234	243	245	209	213	165	119	–	195	378	86	292	
11	114	117	103	107	142	187	129	142	228	74	104	102	-66	-42	-8	-34	5	88	195	250	246	244	251	214	–	121	358	-206	564	
12	192	154	160	162	172	191	99	265	268	226	178	177	165	133	103	44	<61	-9	70	118	>126	<-192	57	39	–	123	>1018	<-1006	>2024	
13	101	130	131	139	145	166	238	254	253	187	174	173	163	185	194	198	193	194	162	181	307	287	195	147	–	187	419	62	357	
14	133	212	199	132	247	340	291	277	253	204	183	179	177	171	166	164	193	220	198	258	300	310	304	306	–	226	432	63	369	
15	324	348	347	315	353	372	289	232	191	169	165	157	164	156	147	159	157	142	170	209	244	229	207	198	–	227	566	99	467	
16	186	165	165	181	184	220	225	222	214	255	219	194	180	167	190	268	270	234	204	214	234	155	148	250	–	206	729	78	651	
17	445	177	161	118	88	92	78	107	150	183	115	144	124	192	-74	|	59	15	38	26	103	110	125	170	–	–	–	–	–	–
18	27	68	123	161	179	154	162	258	<-192	|	>44	45	73	211	230	154	213	269	279	258	238	218	219	143	–	–	–	–	–	–
19	141	149	161	186	221	259	234	194	166	158	183	193	195	212	196	197	188	198	205	190	196	198	205	189	–	192	298	91	207	
20	160	169	179	186	196	265	318	281	262	227	201	192	197	217	216	227	250	218	279	266	244	235	245	202	–	226	366	111	256	
21	212	230	206	227	259	267	265	274	244	244	233	226	220	216	213	217	186	183	218	255	180	146	31	99	–	211	442	-151	593	
22	125	122	84	90	139	143	120	93	>134	|	<-187	121	|	<6	57	213	211	-45	<-166	211	198	186	154	|	–	–	–	–	–	–
23	-51	30	-83	-32	13	36	50	66	91	-33	-10	-54	82	76	78	131	149	185	36	-189	<-224	-42	-128	31	–	<9	432	<-1006	>1438	
24	60	34	38	6	22	56	66	98	82	18	-25	-70	-53	169	221	186	144	173	187	203	196	163	161	151	–	95	304	-342	646	
25	133	104	106	112	148	219	284	331	282	245	245	221	163	193	183	200	265	163	193	172	137	138	161	197	–	191	381	80	301	
26	199	199	149	112	143	237	269	263	259	251	247	198	493	|	|	226	|	-8	190	185	175	203	165	146	–	–	–	–	–	–
27	186	228	263	233	>328	>568	405	383	325	223	210	211	205	205	210	219	222	201	184	260	182	240	213	190	–	>254	>1018	102	>916	
28	168	153	181	193	230	298	283	256	267	247	209	194	180	180	194	202	196	207	235	302	287	284	239	201	224	224	360	83	277	
29	207	183	193	202	230	230	248	238	231	229	195	173	141	91	106	114	91	109	146	169	178	184	118	107	–	171	298	51	247	
30	106	127	117	113	130	162	192	200	214	179	|	|	|	105	178	194	209	231	269	254	297	261	182	184	–	–	–	–	–	–
A	221	215	211	204	223	272	280	262	234	232	222	199	191	186	200	206	215	205	222	252	247	250	216	206	226					
N	186	178	163	165	190	205	221	>227	209	201	169	162	163	160	142	182	178	175	<184	219	218	<216	>203	185	188					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	c,r	o,r	o,r	o	b,r	o	c,r	c,r,m f	o,r,m f	o,r	o,r	o,r	o,r	c	b	c,r	b,r,l t,m	o,r,l	o,r	o,r	c	o,r,l	o,r	o,r	o	b,r,l f	c	b	o,l	c,r,l

July 2001

Electric field strength [V/m]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	141	162	163	157	145	180	218	212	259	274	164	167	164	180	<-253	156	-43	–	–	|	>504	120	-13	28	–	–	–	–	–	–
2	43	80	<-449	-270	55	79	214	124	134	189	224	245	228	-1	91	127	-306	97	140	179	200	165	166	169	–	<80	386	<-1006	>1392	
3	213	200	183	116	68	119	143	137	199	114	214	169	157	187	212	209	215	220	227	252	293	282	237	231	–	192	372	-141	513	
4	188	190	198	199	236	248	218	198	175	162	161	150	161	160	191	|	<-1006	|	176	260	264	125	201	196	–	–	–	–	–	
5	203	161	201	163	197	290	231	252	295	389	374	307	253	238	259	260	223	146	244	–	–	–	–	–	–	–	–	–	–	
6	–	–	–	–	226	315	322	257	292	333	281	238	229	226	248	266	259	201	232	247	274	271	255	219	–	–	–	–	–	
7	167	177	190	219	271	308	308	294	345	294	266	230	218	234	224	212	207	210	243	342	334	247	238	258	–	252	395	79	316	
8	211	184	181	172	191	191	193	179	190	155	105	|	<-220	>283	119	152	139	183	179	165	158	151	145	149	–	–	–	–	–	
9	150	>381	>219	54	60	82	138	190	222	-340	|	|	150	262	|	>391	121	171	146	103	129	138	202	164	–	–	–	–	–	
10	121	95	67	33	14	81	22	40	167	213	322	283	187	183	200	178	175	172	181	268	|	248	194	171	–	–	–	–	–	
11	178	156	183	168	217	252	322	280	275	284	195	175	161	161	|	>441	217	263	250	253	220	33	-32	<-128	–	–	–	–	–	
12	145	147	74	104	155	227	264	363	338	[267]	224	233	189	183	186	188	175	185	190	250	276	293	316	251	–	218	442	35	407	
13	218	191	174	186	253	239	241	212	205	214	183	171	162	159	154	156	163	201	239	243	220	274	238	239	–	206	381	98	283	
14	294	271	271	256	250	265	246	188	195	229	205	178	171	167	163	165	191	184	185	236	300	312	310	299	–	230	404	119	285	
15	279	255	231	209	207	208	227	247	299	329	244	168	165	176	191	184	192	207	226	215	229	240	216	194	–	222	384	134	250	
16	195	148	127	148	332	249	339	340	317	327	267	<106	<-103	72	210	199	224	263	242	[205]	–	–	–	–	–	–	–	–	–	
17	–	–	–	–	–	–	|	43	237	232	281	>543	|	>647	245	209	|	|	–	–	–	–	–	–	–	–	–	–	
18	–	–	–	–	–	[400]	441	399	404	278	154	77	107	105	130	108	140	151	210	242	245	213	250	217	–	–	–	–	–	
19	253	231	243	274	298	>580	463	406	378	447	426	351	350	339	326	259	285	253	262	273	331	<267	|	|	–	–	–	–	–	
20	116	119	|	143	204	216	184	334	426	287	330	278	262	208	256	172	|	|	<6	|	|	–	–	–	–	–	–	–	
21	–	–	–	–	–	–	–	–	–	–	–	[260]	-304	<-212	<-413	-45	34	-7	-42	139	245	352	415	>290	–	–	–	–	–	
22	>793	|	|	|	101	192	309	>751	>701	>678	266	|	|	[217]	155	160	177	229	333	428	379	570	>611	332	–	–	–	–	–	
23	406	465	444	>525	57	|	|	459	|	>543	208	350	253	[195]	>313	152	201	<-1	|	|	|	|	>192	|	–	–	–	–	–	
24	|	>484	>561	459	>491	>746	>981	>930	>831	255	250	<123	|	36	194	189	185	140	>878	|	|	|	|	155	–	–	–	–	–	
25	-95	164	271	>349	>576	>869	>729	623	315	272	263	233	224	250	229	231	234	240	390	>907	>928	|	|	>745	–	–	–	–	–	
26	>682	>593	598	>629	>945	>748	>817	318	206	193	184	|	|	|	|	>-166	>486	551	>864	>704	519	|	|	>532	–	–	–	–	–	
27	>570	523	>514	>331	>448	>670	>696	>564	>812	|	|	<-81	|	|	|	|	|	167	165	156	163	186	224	225	–	–	–	–	–	
28	215	179	183	191	235	313	311	288	236	212	207	204	187	200	214	193	203	195	219	233	267	275	228	216	–	225	412	78	334	
29	201	186	179	181	226	229	217	220	241	234	210	199	196	190	197	185	197	193	202	262	375	432	439	481	–	245	696	101	595	
30	402	402	355	337	>614	>779	259	294	266	320	257	189	178	189	195	202	187	228	230	177	229	156	166	123	–	>281	>1018	77	>941	
31	115	121	89	121	207	290	192	165	201	154	149	167	187	158	172	214	228	239	190	193	226	>310	|	<-231	–	–	–	–	–	
A	213	198	190	208	228	261	292	269	290	286	258	209	214	212	203	206	210	222	234	238	266	237	245	231	235					
N	246	241	218	210	260	334	330	>310	316	260	236	212	150	186	163	184	132	196	250	277	305	246	265	221	240					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	c,r,t	o,r	o,r	o,r	c	c	b	o,t,r	o,r,t	o,r	c,r	o,r	o	o	b	o,r,t	o,r,t	o,r	o,r	o,r,t	o,r	o,r	o,r,t	o,r,t	o,r,t	o,t,r	o,r,t	o	o,r	o	o,r
	r								t,g							r	t						t	t							

August 2001

Electric field strength [V/m.]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	-68	-18	-24	117	186	407	421	337	311	247	220	207	237	213	222	284	263	238	233	193	237	287	250	309	–	221	628	-324	952
2	243	185	195	205	224	309	272	291	253	225	229	242	208	201	206	212	206	197	245	320	298	365	344	276	–	248	513	118	395
3	234	222	214	226	286	310	252	270	245	241	337	343	394	332	255	250	251	301	359	313	326	322	266	226	–	282	495	133	362
4	195	121	122	134	141	189	171	248	234	216	211	172	166	150	177	187	179	173	|	|	|	|	<-163	156	–	–	–	–	–
5	251	273	211	207	194	409	307	361	203	194	188	61	36	104	211	313	271	270	258	224	198	166	169	173	–	219	617	-67	684
6	146	153	170	158	213	389	262	269	246	240	233	208	222	192	193	188	179	144	162	167	202	189	190	176	–	204	678	93	585
7	167	139	126	137	189	268	264	216	213	233	255	199	199	228	|	|	223	|	|	130	149	114	107	142	–	–	–	–	–
8	116	161	122	165	200	387	–	–	275	265	228	223	212	216	205	177	243	294	248	296	243	271	271	252	–	–	–	–	–	–
9	|	>188	96	|	-37	206	366	284	300	223	239	220	228	226	201	187	193	173	168	239	254	254	244	290	–	–	–	–	–	–
10	224	224	200	208	244	243	280	190	|	|	|	85	92	57	140	296	244	213	265	274	302	219	196	212	–	–	–	–	–	–
11	203	192	137	119	162	314	319	267	246	216	180	186	189	196	191	194	188	192	208	263	239	208	231	270	–	213	914	87	827	
12	202	205	170	133	165	272	249	260	294	225	219	207	203	202	209	209	193	132	164	280	262	252	212	192	–	213	470	59	411	
13	200	201	215	249	242	241	244	224	215	256	291	255	232	242	198	184	188	227	189	163	183	211	213	241	–	221	334	113	221	
14	220	125	129	146	120	122	154	132	164	152	107	174	179	179	188	212	204	195	172	197	167	164	155	119	–	162	317	40	277	
15	128	150	154	171	193	198	171	189	197	184	165	164	166	174	182	172	175	171	228	243	252	248	206	189	–	186	291	83	208	
16	177	158	167	212	238	312	263	257	248	265	260	249	232	224	220	207	189	221	258	271	270	264	191	140	229	229	447	102	345	
17	149	106	99	90	130	124	119	171	208	193	201	182	176	170	157	152	172	177	171	150	143	136	150	130	–	152	244	73	171	
18	100	90	90	103	113	86	55	71	60	146	181	180	177	179	185	186	162	118	159	203	188	132	152	131	–	135	244	-9	253	
19	155	189	193	178	167	180	182	217	230	260	213	197	206	191	181	196	187	189	195	212	215	207	174	173	194	194	406	63	343	
20	139	122	127	146	176	255	260	249	257	229	218	216	210	221	217	222	222	234	203	193	181	194	184	162	201	201	330	79	251	
21	159	142	128	118	126	134	171	164	189	202	204	200	202	200	190	231	219	152	123	163	182	171	130	133	–	168	373	85	288	
22	113	137	122	128	166	186	212	194	205	190	192	198	196	217	211	181	|	|	54	94	34	12	76	77	–	–	–	–	–	–
23	70	72	103	87	172	218	248	224	219	196	200	196	200	224	206	202	199	213	284	351	267	243	247	223	203	203	451	45	406	
24	193	188	202	193	220	307	278	252	248	213	220	215	237	237	249	254	239	237	246	276	317	243	259	237	–	240	674	119	555	
25	219	223	189	151	134	164	201	199	179	170	154	170	184	172	164	140	163	206	221	255	261	253	233	224	–	193	326	88	238	
26	210	199	188	259	226	220	249	248	228	223	211	183	170	197	199	176	175	168	226	218	240	131	124	117	199	199	376	69	307	
27	95	74	76	73	65	101	116	137	156	165	153	198	193	188	170	178	116	|	|	113	82	181	144	115	–	–	–	–	–	–
28	86	61	69	104	104	148	[160]	181	180	188	262	242	185	170	188	174	|	125	117	|	195	77	|	|	–	–	–	–	–	–
29	>-33	-364	-279	<-171	-75	170	291	241	238	208	300	310	295	193	209	216	250	293	298	299	301	253	210	152	–	159	>1018	<-1006	>2024	
30	159	178	142	191	173	256	308	317	284	259	225	191	191	187	178	179	168	242	278	303	296	326	285	210	–	230	582	95	487	
31	163	157	173	160	145	262	416	305	353	298	243	218	215	228	239	212	218	247	356	377	237	258	243	207	247	247	775	76	699	
A	167	158	155	158	182	241	250	230	228	222	221	218	203	206	200	207	203	207	222	240	229	212	200	196	206					
N	154	>137	130	147	161	238	242	232	229	217	218	203	201	197	196	206	203	205	217	234	224	212	190	188	199					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	c,r	c	o	o,r	o,r	o	o,r,l	c	c,r	o,r,l	c,r	b	o,r	o,r,d	c	b	b	c	b	b	c	c,r,l	b	c	c	b	c,l,r	o,r	o,r	c,r	c

September 2001

Electric field strength [V/m]

GMT / Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	241	206	191	197	230	259	294	340	416	335	325	297	328	47	14	68	143	104	60	72	130	177	248	160	–	203	510	-385	895
2	151	331	79	69	85	53	115	32	115	49	165	198	151	224	186	103	-19	4	45	79	90	44	54	122	–	105	592	-116	708
3	159	161	177	168	193	316	457	344	256	209	176	167	173	203	198	177	184	112	218	245	211	198	217	181	–	212	1010	23	987
4	175	161	147	170	185	234	216	218	244	265	255	185	171	176	186	173	169	176	246	281	208	254	280	242	–	209	433	97	336
5	171	182	167	211	210	184	169	130	224	202	187	147	200	170	272	266	179	106	108	155	165	184	155	166	–	180	492	5	487
6	159	90	35	29	-57	<-77	70	44	110	105	150	164	183	170	162	220	236	232	304	313	348	336	332	257	–	<163	762	<-1006	>1768
7	218	218	215	164	210	280	330	314	276	247	237	245	300	237	246	176	214	226	215	198	157	235	203	206	232	232	513	94	419
8	132	162	224	161	260	229	179	199	153	54	9	-168	>-114	-28	179	|	|	172	171	175	157	96	143	189	–	–	–	–	–
9	220	214	206	217	213	223	186	189	196	190	187	129	67	184	215	246	226	240	277	249	298	279	166	-115	–	196	334	-585	919
10	-25	33	57	86	5	-168	-84	-147	104	-70	-111	-181	57	112	128	154	228	114	229	171	74	-70	-88	106	–	30	427	-582	1009
11	106	138	102	132	113	92	115	128	209	159	181	181	166	194	150	201	253	284	274	283	327	329	291	183	–	191	454	-18	472
12	146	154	107	-8	47	38	69	85	138	134	130	145	157	189	244	132	154	237	265	281	277	274	287	250	–	164	329	-270	599
13	162	176	223	222	247	257	236	207	213	199	207	212	271	227	207	168	147	123	80	65	24	34	113	154	–	174	531	-111	642
14	141	84	72	132	158	182	217	240	288	266	201	229	280	302	295	270	281	97	147	182	155	139	96	53	–	188	523	-64	587
15	106	133	121	8	90	67	71	103	191	268	256	185	236	223	204	218	229	187	241	167	49	170	206	-121	–	150	733	-879	1612
16	<-383	-35	14	35	16	29	141	65	134	151	104	142	138	160	|	|	150	238	173	163	57	198	114	148	–	–	–	–	–
17	172	204	193	218	261	197	256	335	342	269	221	239	238	262	284	283	248	119	-52	<-163	90	81	66	-46	–	<180	402	<-1006	>1408
18	|	174	220	|	|	|	|	>78	89	208	243	283	291	272	323	292	320	354	343	311	296	312	307	248	–	–	–	–	–
19	268	105	<-418	<-372	|	|	<-73	169	294	259	257	228	255	324	295	279	334	360	331	277	281	269	253	255	–	–	–	–	–
20	284	189	187	216	259	307	385	269	211	236	264	260	252	295	285	304	331	286	237	216	252	246	178	193	–	256	575	53	522
21	206	216	214	225	254	256	284	304	288	297	285	286	282	268	240	152	199	225	237	257	278	204	139	151	–	240	372	22	350
22	121	123	115	136	120	202	255	189	262	268	246	271	234	244	276	259	177	|	<129	<-141	|	>-20	132	156	–	–	–	–	–
23	57	79	190	290	373	384	318	236	222	252	231	209	242	242	257	193	222	281	334	496	492	447	400	347	–	283	616	-27	643
24	277	216	256	256	332	309	286	227	172	215	216	222	217	196	203	179	210	162	–	–	–	–	–	–	–	–	–	–	–
25	–	–	–	–	[150]	179	213	155	170	192	178	232	148	185	196	224	285	353	345	401	460	605	435	430	–	–	–	–	–
26	396	361	310	387	399	600	>692	490	280	235	226	197	206	210	237	265	249	221	441	380	337	177	197	231	–	>322	>1018	85	>933
27	307	306	357	315	358	217	231	312	216	231	235	257	250	286	292	321	348	369	410	363	343	274	221	234	–	294	515	67	448
28	209	182	<130	-66	|	>96	|	|	|	|	<109	<-406	>168	-26	71	210	347	461	494	569	530	326	328	158	–	–	–	–	–
29	172	245	171	206	188	76	163	181	247	197	193	208	236	249	229	146	154	227	298	265	218	191	113	–	–	–	–	–	–
30	–	–	–	–	–	–	276	273	285	313	296	304	288	295	266	254	249	233	249	262	259	217	220	179	–	–	–	–	–
A	209	201	204	208	221	282	272	278	262	253	240	249	267	241	238	217	243	258	283	268	238	282	289	223	246				
N	181	172	146	141	188	186	217	197	219	205	<195	<169	>202	203	219	212	222	217	236	227	234	214	200	168	198				

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	o,r	o,r	e	o	o,r	o,r	e	o,r,j (h	o,r	o,r	o,r	o,r	o,r	o,r	o,r,f	o,r,j m	o,m,r	o,r	o,r	e,f	o,r	o,r,j	o,r,f	o,f	o	c,h	o	c,r,f	e,f	o,f,m

October 2001

Electric field strength [V/m]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	177	152	142	137	129	115	70	80	189	197	192	214	219	197	183	213	142	238	156	141	80	-123	-5	48	–	136	288	-209	497
2	150	146	127	85	65	172	199	238	262	240	235	269	265	258	291	255	303	286	279	283	247	186	212	237	–	220	399	24	375
3	223	237	250	266	268	257	276	284	313	247	223	233	227	232	246	163	83	86	203	-77	88	163	206	131	–	201	732	-514	1246
4	105	117	119	128	173	181	215	185	165	221	177	73	69	21	-175	-144	-88	193	279	250	125	177	117	149	–	118	935	-829	1764
5	112	175	195	156	143	142	163	260	289	205	198	223	225	215	172	105	162	222	191	164	122	139	138	148	–	178	430	40	390
6	185	207	216	218	243	171	199	215	261	279	246	279	321	308	280	[236]	–	–	315	346	326	319	268	311	–	–	–	–	–
7	293	270	251	215	304	326	220	167	187	146	259	276	315	299	283	222	181	252	257	167	151	146	145	152	–	229	522	-119	641
8	23	50	63	95	84	68	23	57	136	162	165	224	223	208	198	166	151	143	179	166	219	166	152	153	–	136	554	-452	1006
9	135	119	142	160	154	195	157	194	250	236	190	136	81	28	[126]	–	–	–	[178]	185	200	135	143	100	–	–	–	–	–
10	74	69	90	87	92	101	66	113	189	222	244	223	254	260	241	201	–	–	[263]	312	304	188	182	176	–	–	–	–	–
11	179	207	190	189	136	39	-66	-171	-75	-75	-40	6	106	202	248	261	289	368	341	316	226	122	106	106	–	134	413	-555	968
12	120	125	114	95	107	133	150	269	302	279	265	243	252	216	218	[176]	–	–	[217]	227	221	145	131	155	–	–	–	–	–
13	222	217	151	182	149	174	167	255	230	231	249	265	245	214	202	–	–	–	[153]	248	174	245	184	116	–	–	–	–	–
14	127	175	206	102	167	209	152	178	275	308	292	296	248	259	255	268	326	352	335	312	244	293	303	341	–	251	471	37	434
15	285	368	320	273	373	308	159	82	147	224	182	271	270	252	277	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16							177	193	205	199	195	229	211	229	210	–	–	–	97	104	136	131	125	136	–	–	–	–	–
17	140	92	53	92	107	83	98	38	6	28	58	120	151	84	158	229	214	97	248	359	404	301	268	50	–	145	536	-59	595
18	94	169	212	313	314	272	326	364	347	313	234	206	200	186	259	176	111	242	>283	295	346	423	564	542	–	>283	>1018	49	>969
19	401	350	346	362	372	500	691	693	484	351	333	366	291	283	300	359	402	371	402	363	405	464	327	243	–	394	948	84	864
20	559	518	462	492	365	378	464	504	404	230	240	237	266	306	358	374	442	415	389	361	319	288	289	237	–	371	849	159	690
21	215	198	181	181	194	221	259	294	277	302	316	341	333	303	315	309	296	289	288	269	241	236	229	189	–	261	425	155	270
22	177	104	171	114	83	125	83	131	29	123	13	-97	119	95	-49	0	25	56	51	74	61	133	140	98	–	78	446	-266	712
23	95	101	127	96	38	23	55	246	303	298	272	251	258	234	301	345	332	319	384	389	351	203	199	180	–	225	461	-43	504
24	213	206	217	222	227	267	337	393	345	309	312	293	281	322	323	427	679	718	750	771	692	644	511	416	411	411	912	115	797
25	408	392	342	363	370	421	502	510	461	410	428	405	377	376	402	376	403	401	435	405	432	322	113	145	–	383	562	-25	591
26	212	145	206	257	245	229	293	303	282	267	248	258	252	241	252	154	116	141	250	277	183	221	163	109	–	221	386	23	363
27	235	347	206	133	123	116	90	94	179	242	251	293	346	357	338	(272)	(254)	219	242	271	219	198	143	171	–	223	533	22	511
28	176	29	-118	-54	-78	-114	-112	-106	-7	16	3	89	125	175	199	192	170	142	|	|	155	134	171	145	–	–	–	–	–
29	28	48	113	130	140	138	179	216	214	205	204	<-86	-15	97	|	136	165	145	199	142	100	30	-8	25	–	–	–	–	–
30	70	59	-87	<-483	<-830	-237	148	<-433	<-475	-133	-112	-264	-157	-18	107	110	48	-123	-79	-14	34	106	135	129	–	<-104	223	<-1006	>1229
																									–	–	–	–	–
31	147	138	161	177	199	213	220	307	266	259	242	240	234	248	283	321	349	297	274	140	-56	|	|	83	–	–	–	–	–
A	207	219	204	206	237	257	230	278	275	260	254	277	267	267	253	240	273	256	323	341	278	249	205	193	255					
N	186	184	172	<159	<149	174	192	<198	<208	211	204	<197	213	216	227	219	231	245	261	250	224	212	195	174	204					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	o,r	o,r	b,r	o,r,d	c,m	c,m,f r	o,f	o,m,r	o,f,m	c,m,f	o,r	o,m	c,m,f	c,m,f	c,m,f	o,m	o,m,f d	c,m,f	o,m	o,m	c	o,r,m f	c,r	b	c	c,m,r	b,f,h,f	o,r,d m	c,r	o,m,r	c,r

November 2001

Electric field strength [V/m.]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	14	58	153	148	187	207	157	214	|	|	–	|	|	42	|	>218	215	259	>407	>988	>742	249	81	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	310	315	285	280	290	281	289	362	411	171	468	447	456	468	510	482	–	–	–	–	–	–
3	369	319	253	280	270	268	169	251	145	89	71	-83	-198	48	91	82	86	71	136	158	181	163	136	166	–	147	490	-367	857	
4	206	120	113	122	118	121	81	141	175	117	167	168	168	206	264	283	270	231	281	259	271	235	188	157	–	186	373	17	356	
5	144	112	70	68	96	97	114	62	119	|	122	223	139	265	236	197	197	311	331	345	382	346	302	284	–	–	–	–	–	–
6	281	270	198	238	278	225	254	352	335	334	351	314	368	357	377	337	303	301	318	196	136	130	129	119	–	271	438	-86	524	
7	99	71	110	29	69	53	-403	<139	138	199	209	218	248	253	269	364	485	138	<-666	<-486	<-599	60	155	162	–	<55	639	<-1006	>1645	
8	179	175	180	198	241	279	279	>292	<-565	<-223	47	71	-19	<-910	<-422	-420	<72	<-183	<-243	151	161	200	220	126	–	-5	>1018	<-1006	>2024	
9	85	147	64	142	125	<-253	2	51	-261	10	139	208	221	233	271	281	312	332	350	376	395	269	259	280	–	<168	447	<-1006	>1453	
10	219	111	176	167	174	247	281	286	308	325	274	221	259	306	272	328	497	588	576	562	542	473	430	380	–	333	731	42	689	
11	376	303	352	349	356	367	402	441	434	358	313	296	304	296	366	459	502	475	424	412	378	243	181	145	–	355	537	68	469	
12	149	55	122	158	186	157	178	189	221	189	157	171	221	286	315	324	344	300	306	269					–	–	–	–	–	
13	–	–	–	–	–	–	–	–	324	342	308	305	301	362	450	545	511	554	529	656	631	533	576	564	–	–	–	–	–	
14	453	394	384	398	314	424	595	574	609	485	477	433	380	461	453	594	485	560	485	353	410	513	447	613	–	471	833	187	646	
15	424	504	351	287	275	247	336	307	308	368	381	338	338	349	361	319	290	360	259	-26	-290	-295	-338	-262	–	216	755	-474	1229	
16	-251	-262	-197	-44	-2	75	82	177	277	286	301	<133	265	350	349	381	385	440	427	372	395	322	278	287	–	<201	505	<-1006	>1511	
17	270	237	183	–	–	–	–	237	347	389	346	349	328	377	344	232	194	105	51	39	-138	-72	13	36	–	–	–	–	–	
18	55	68	92	90	106	111	155	180	186	178	199	204	128	164	156	254	234	208	204	228	231	198	186	164	–	166	357	1	356	
19	144	127	115	121	133	136	100	90	-12	-164	-98	44	214	289	>296	160	339	398	464	427	392	397	354	277	–	>196	>1018	-552	>1570	
20	228	201	198	219	229	237	234	257	220	281	282	293	308	362	462	665	>876	>998	>1018	>1018	783	106	66	42	–	>399	>1018	-140	>1158	
21	73	21	33	201	81	-56	-37	-88	-22	45	151	95	44	54	62	35	–	–	–	–	–	–	–	–	–	–	–	–	–	
22	–	–	–	–	–	–	–	–	-114	-109	-68	-95	-1	50	0	-51	-160	<-603	100	<-745	-86	145	121	143	–	–	–	–	–	
23	138	127	130	127	30	150	>185	129	181	170	182	225	240	237	65	105	122	44	39	|	|	-98	-111	-101	–	–	–	–	–	
24	-101	-33	43	61	146	42	-16	-48	95	<108	|	193	282	278	346	329	369	366	236	198	207	268	144	151	–	–	–	–	–	
25	119	107	116	167	195	200	209	198	250	239	214	200	216	195	171	196	123	192	140	123	117	78	86	115	–	165	313	10	303	
26	105	180	207	210	245	221	316	240	313	171	224	282	273	370	521	>801	738	>727	628	583	>741	596	347	423	–	>394	>1018	-37	>1055	
27	337	375	420	351	389	359	264	111	88	72	94	129	157	157	251	258	274	264	247	227	219	232	191	162	–	235	622	-21	643	
28	203	184	198	219	240	177	114	102	120	97	130	187	253	213	270	136	108	160	89	161	124	161	144	133	–	163	437	3	434	
29	153	87	100	63	110	109	116	149	219	147	94	13	-17	273	324	323	319	357	>623	>422	143	147	151	140	–	>190	>1018	-207	>1225	
30	175	181	89	125	131	109	209	247	177	230	302	377	337	437	376	359	348	323	319	334	340	304	249	211	–	262	553	-16	569	
A	291	273	226	250	254	266	342	297	320	320	279	324	275	358	366	426	454	372	398	396	438	342	285	279	326					
N	172	157	158	173	182	<166	>168	196	170	180	202	200	209	<221	262	>282	319	291	295	287	269	228	196	200	216					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	c,r	c,hl	o,hf,m	c,d	b,r,h	o,hf,r	o,r	o,r	o,r	b,r,hf	o,hf	o,r	c,r,hf	o,hf	o,hf,m	o,s,r	o,hf,r	o,r	o,r	c,r,hl,	o,m,f	o,r	o,r,s	o,r,s	o,s,g	o,s,hf	o,hf	o,s	o,f,s	o
wind			d					m,f					m		r,s					g	d,r		g	g		m			r	

December 2001

Electric field strength [V/m.]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	196	176	163	171	182	185	209	268	249	368	209	176	141	262	262	268	332	388	336	238	193	214	222	254	–	236	617	81	536
2	259	249	248	229	251	252	279	316	317	261	272	352	341	365	378	356	377	379	357	255	240	173	136	146	–	283	454	54	400
3	118	126	146	167	150	135	248	234	238	261	304	312	244	271	209	254	300	310	361	391	402	384	357	265	–	258	515	58	457
4	217	163	176	142	155	188	153	160	142	104	123	180	171	209	208	225	225	239	206	217	245	236	150	100	–	181	364	41	323
5	121	112	109	90	75	77	108	106	114	131	62	147	176	41	58	130	109	96	20	29	6	-82	-33	-66	–	72	344	-162	506
6	-63	-49	-12	-5	69	58	54	62	159	116	124	201	153	100	73	33	89	127	202	270	211	248	213	146	–	107	361	-124	485
7	183	270	131	156	215	287	410	423	358	365	366	446	420	438	439	532	421	418	332	233	120	335	380	196	–	328	834	-93	927
8	217	271	412	313	438	465	477	201	221	291	406	507	639	569	437	475	403	421	241	208	327	310	230	345	–	368	780	3	757
9	176	294	421	414	469	584	>807	374	312	141	112	130	153	318	201	60	74	113	-27	12	8	90	86	70	–	>225	>1018	-337	>1355
10	124	56	175	38	81	58	116	95	91	124	121	44	44	37	83	31	53	-60	38	45	12	-34	-109	-135	–	47	488	-301	789
11	43	138	145	192	206	228	157	237	300	279	314	410	427	464	476	475	388	258	267	299	277	209	148	90	–	268	620	-48	668
12	71	103	>188	>191	211	105	91	100	79	98	160	228	94	207	372	<203	52	304	351	333	321	278	232	216	–	191	>1018	<-1006	>1024
13	199	195	186	191	202	249	262	267	220	265	309	378	362	344	328	313	281	299	350	335	282	243	160	179	–	267	590	95	495
14	181	186	225	224	161	69	68	-30	112	116	64	127	161	152	166	125	52	45	<-133	-16	43	-26	41	87	–	<92	919	<-1006	>1925
15	63	56	56	30	65	92	98	142	174	191	269	230	226	189	224	240	166	168	171	242	290	224	126	175	–	163	368	-54	422
16	146	136	110	84	-4	42	164	115	14	259	333	336	347	360	439	457	516	>674	>757	632	458	370	140	224	–	296	>1018	-307	>1325
17	29	283	142	240	-17	255	280	282	108	71	115	52	107	92	72	76	-4	79	30	28	-32	-59	-126	-79	–	84	723	-317	1040
18	-83	-58	-92	-16	49	118	131	155	248	305	221	>174	|	-94	-115	-155	-165	-95	-202	-215	-278	-335	-286	-221	–	–	–	–	–
19	-56	-1	9	11	14	19	66	3	-14	-113	-142	-93	-113	-156	-144	-159	-75	<-108	|	|	-57	-146	-272	-228	–	–	–	–	–
20	|	148	153	122	|	176	255	285	187	-113	|	212	39	-12	243	211	264	304	410	408	367	380	293	255	–	–	–	–	–
21	244	316	351	255	278	321	350	357	353	342	272	<-614	<-482	<-465	-194	-185	30	264	<-250	<-734	-68	54	-8	65	–	36	419	<-1006	>1425
22	80	55	149	99	213	256	279	325	367	324	217	161	172	111	121	313	343	217	151	268	466	14	367	>772	–	>243	>1018	-369	>1387
23	596	514	520	537	297	>689	>354	[>566]	–	–	–	–	270	142	175	192	187	-46	-23	104	160	246	228	297	–	–	–	–	–
24	172	157	174	145	168	172	130	184	247	408	120	188	277	268	353	186	144	129	95	111	-42	169	113	97	–	174	516	-375	891
25	145	176	203	191	226	194	179	208	270	224	180	213	274	138	284	357	386	350	337	51	43	153	194	218	–	216	658	-244	902
26	226	214	223	236	200	222	238	156	225	301	305	292	321	346	347	366	342	397	401	-31	159	198	157	210	–	252	756	-317	1072
27	184	146	181	178	219	220	253	285	308	338	295	286	337	359	|	290	257	306	311	277	215	166	184	345	–	–	–	–	–
28	350	249	145	48	62	>128	-36	-52	12	60	70	154	232	322	308	252	200	139	>42	>65	<-322	|	|	88	–	–	–	–	–
29	173	161	85	|	95	153	183	|	210	186	89	125	186	182	157	117	261	313	336	355	349	348	336	265	–	–	–	–	–
30	264	278	259	271	257	257	252	227	196	<-241	153	217	207	190	205	175	199	200	78	<-381	-136	89	100	127	–	<143	445	<-1006	>1451
31	171	195	149	125	137	224	289	338	401	418	428	422	391	345	310	280	237	289	287	308	289	286	201	177	–	279	518	-3	521
A	290	291	342	270	285	321	325	293	302	335	342	378	388	395	394	425	375	343	294	303	322	283	240	231	317					
N	158	171	>178	169	171	>209	>223	213	207	<196	202	200	211	<197	216	<209	208	223	194	145	<147	157	132	>151	187					

Type of weather

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	o	o	g	c	o,m,g	o,g	b,s	b,hf	o,s,m	o,s,g	o,f,s	o,s,d	b,s	o,s,g	o,s	c,s	o,m,f s	o,s	o,s,g	c,r,s	c,hf,s wind	c,s	o,s	o,s	o,s,r	o,r	o,s	o,s	o,s	o,s	o,s

January 2001 — Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	20	21	24	21	24	24	25	24	20	19	21	23	24	21	23	24	17	10	5	5	5	6	8	7		—	18	33	4	29
2	11	11	14	11	13	15	14	15	14	14	15	14	13	12	10	9	11	9	7	6	5	7	8	10		—	11	22	4	18
3	9	10	11	11	11	12	10	9	9	9	9	8	8	7	8	8	5	5	5	5	5	4	4	5		—	8	17	3	14
4	6	5	6	7	7	7	10	10	10	11	11	10	10	7	6	7	8	8	10	10	10	11	13	14		—	9	20	4	16
5	15	13	12	17	14	13	12	13	14	16	26	18	14	12	9	10	9	10	9	11	14	17	21	23		—	14	36	7	29
6	25	24	18	19	29	28	33	37	27	21	22	16	14	11	15	18	19	22	20	15	16	13	17	15		—	21	47	5	42
7	14	15	15	13	13	13	11	10	11	10	11	14	15	11	8	7	7	9	9	10	11	11	10	11		—	11	24	6	18
8	10	10	11	12	12	9	14	23	30	28	25	25	29	27	24	16	12	14	14	10	15	15	11	12		—	17	46	7	39
9	12	12	11	14	15	13	13	11	9	7	8	8	10	9	9	7	9	13	11	12	13	12	13	15		—	11	29	5	24
10	17	19	19	24	22	20	21	19	17	15	15	16	17	16	17	17	16	16	14	14	12	8	8	8		—	16	33	6	27
11	9	10	11	10	10	12	12	10	18	19	19	18	21	19	20	15	15	12	15	18	16	15	15	15		—	15	35	7	28
12	16	17	17	16	25	17	16	16	10	13	14	16	14	10	8	7	7	7	7	10	8	8	9	10		—	12	39	4	35
13	10	10	13	16	20	17	10	10	8	9	16	15	10	13	16	9	10	14	14	16	14	11	9	6		—	12	43	5	38
14	5	5	6	7	8	10	14	15	23	29	20	18	15	19	18	21	20	19	21	18	15	17	17	15		—	16	41	4	37
15	15	14	14	14	16	13	12	11	11	13	10	10	10	8	7	8	9	7	8	7	6	6	6	7		—	10	47	5	42
16	7	7	7	8	8	9	11	11	9	8	9	8	7	9	8	8	7	7	9	9	11	13	14	13		—	9	40	4	36
17	14	13	19	23	23	24	19	18	17	13	17	17	18	16	15	15	15	15	17	17	18	16	20	24		—	18	34	9	25
18	24	26	27	27	25	21	11	9	12	17	18	20	19	17	15	12	11	11	13	14	14	14	17	15		—	17	39	7	32
19	14	30	37	37	35	33	28	24	23	21	20	22	22	21	20	21	20	22	21	21	21	21	19	25		—	24	47	5	42
20	27	26	23	27	22	17	16	15	19	16	14	20	18	18	19	14	10	10	11	13	13	13	14	16		—	17	63	4	59
21	16	18	18	20	21	23	27	25	25	20	21	22	22	22	18	16	23	23	24	23	27	26	28	26		—	22	39	8	31
22	29	23	28	31	33	35	30	28	25	25	25	21	22	21	22	18	17	18	19	20	21	20	22	25		—	24	46	10	36
23	27	30	33	34	31	30	27	25	23	21	21	23	23	23	22	19	17	18	20	21	20	21	23	25		—	24	42	9	33
24	26	29	29	28	28	26	24	22	21	19	22	21	24	22	21	20	19	21	21	21	22	22	24	23		—	23	38	10	28
25	24	24	21	18	19	16	16	14	10	10	13	9	7	7	6	6	7	7	7	7	11	14	15	12		—	13	35	3	32
26	13	13	16	18	17	16	16	16	13	12	14	20	23	25	28	26	21	16	15	15	16	15	14	12		—	17	40	3	37
27	10	8	11	15	15	13	9	9	12	15	14	18	19	16	14	13	12	10	12	12	11	12	14	13		—	13	28	5	23
28	14	13	13	15	15	16	12	8	9	23	31	33	30	30	25	17	10	5	5	5	5	5	5	5		—	15	45	5	42
29	5	5	4	5	5	4	4	4	6	7	8	9	10	12	12	11	12	13	13	11	10	10	10	12		—	8	29	3	26
30	15	18	17	17	15	12	11	12	18	19	14	18	15	17	17	14	11	11	10	9	9	9	9	12		—	14	35	4	31
31	11	12	19	22	22	24	17	19	16	16	16	19	24	26	27	25	22	19	18	18	17	19	17	16		—	19	57	4	53
A	15	17	23	22	21	18	16	14	15	15	17	19	20	21	17	14	14	15	16	17	13	13	15	15		15				
N	15	16	17	16	18	17	16	16	16	16	17	17	17	16	16	14	13	13	13	13	13	13	14	14		15				

February 2001 — Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	20	31	36	42	38	31	30	28	24	26	25	27	24	24	23	16	6	—	—	—	—	—	—	—		—	—	—	—	—
2	8	14	22	28	29	22	18	17	19	20	20	21	24	23	18	10	6	7	6	5	5	5	6	6		—	15	54	3	51
3	6	6	10	10	11	10	9	8	9	11	14	15	15	13	14	8	—	—	—	—	—	—	—	—		—	—	—	—	—
4	—	—	—	—	—	—	—	—	7	11	14	15	12	11	10	9	8	8	7	6	6	5	6	7		—	9	31	3	28
5	13	14	14	13	15	14	15	13	13	17	17	15	14	13	11	8	6	6	6	6	6	6	6	9		—	11	27	3	24
6	9	13	11	12	9	8	12	6	6	6	6	6	9	8	7	6	6	6	5	5	5	6	7	7		—	8	32	4	28
7	10	11	13	15	16	16	13	13	14	17	19	18	20	19	18	13	10	11	10	9	7	8	10	9		—	13	28	4	24
8	13	12	9	7	6	8	6	6	9	16	15	16	15	15	13	9	11	8	10	9	8	8	9	9		—	10	25	5	20
9	8	7	7	8	11	9	7	8	15	18	23	25	26	26	23	14	9	9	10	7	7	7	6	7		—	12	36	4	32
10	10	11	11	12	16	22	33	27	28	25	22	19	19	20	17	16	16	13	9	14	12	11	10	13		—	17	52	5	47
11	16	16	12	13	12	11	11	9	9	15	21	21	22	21	19	13	8	8	9	10	11	12	11	12		—	13	36	6	30
12	13	13	15	13	14	14	11	11	12	13	13	15	18	21	17	17	11	10	12	14	16	18	21	26		15	15	37	8	29
13	27	28	27	24	24	23	26	32	29	24	28	27	22	24	24	21	19	17	17	20	23	33	33	41		—	26	62	9	53
14	51	52	57	63	48	42	28	22	23	24	27	25	21	16	15	13	13	15	16	13	13	14	17	18		—	27	70	4	66
15	15	14	16	14	18	24	28	21	23	23	20	23	22	18	16	16	16	16	16	15	16	18	18	16		—	18	42	5	37
16	13	14	10	11	10	10	9	8	7	7	8	8	9	10	12	11	11	11	10	10	12	14	15	17		—	11	31	5	26
17	18	16	13	12	10	9	11	15	18	24	27	33	32	29	26	12	10	7	8	9	9	11	12	13		—	16	58	4	54
18	14	17	18	22	22	20	20	16	>17	22	19	16	21	31	35	31	29	14	31	32	35	40	42	44		—	>25	>75	9	>66
19	>50	35	34	22	23	18	13	11	11	12	11	17	21	17	16	14	12	13	12	11	11	12	14	15		—	>18	>75	8	>67
20	15	17	19	19	19	18	12	11	15	21	23	18	12	14	15	12	10	19	18	15	15	14	16	18		—	16	44	6	38
21	23	27	30	23	21	14	17	21	18	18	22	20	26	32	28	18	19	17	19	20	21	29	31	25		—	22	60	10	50
22	37	33	45	40	41	22	31	15	16	14	17	19	24	>19	20	21	19	18	19	18	21	23	25	28		—	>24	>62	8	>54
23	29	28	29	26	30	25	19	16	17	16	18	19	20	>21	19	14	12	9	12	19	14	9	8	7		—	>18	>47	4	>43
24	7	7	12	12	11	14	8	9	17	19	10	12	16	14	13	19	15	11	7	—	—	—	—	—		—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	10	16	20	20	14	9	—	—	—	—	—	—	—	—		—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	6	8	8	9	9	9	8	5	8	7	4	4	5	6	8		—	—	—	—	—
27	6	10	10	11	10	9	7	7	7	7	13	14	16	12	10	10	13	11	6	—	—	—	—	—		—	—	—	—	—
28	6	9	6	9	10	7	7	8	8	9	9	11	11	12	11	9	8	8	9	9	11	12	14	15		—	10	25	4	21
A	13	13	12	11	12	12	13	11	12	14	15	17	18	18	16	11	10	9	9	8	8	11	14	14		13				
N	>17	18	19	19	19	17	16	14	>15	16	17	18	19	>18	17	13	12	11	12	12	13	14	15	16		>16				

March 2001

Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	16	17	16	16	18	18	16	17	18	15	15	16	17	15	13	9	14	6	5	5	5	5	5	5		—	13	29	3	26
2	6	6	5	6	8	8	6	8	11	14	16	16	17	18	19	19	8	16	7	7	6	6	6	8		—	10	36	3	33
3	7	7	8	7	6	8	11	13	19	22	21	19	14	9	11	9	9	7	6	6	6	6	6	6		—	10	29	4	25
4	6	5	5	6	5	7	6	9	13	12	13	10	8	8	10	8	11	13	11	7	7	9	13	12		—	9	23	4	19
5	13	14	15	14	12	13	10	11	16	22	23	23	22	23	21	19	20	16	9	6	6	6	6	7		—	14	52	5	47
6	7	9	11	10	9	7	6	6	9	9	13	18	21	18	21	22	10	—	—	—	—	—	—	—		—	—	—	—	—
7	—	—	—	—	—	—	—	9	9	8	10	11	11	13	15	15	8	—	—	—	—	—	—	—		—	—	—	—	—
8	7	7	8	8	7	7	7	10	13	15	16	17	20	20	18	16	13	13	14	14	15	15	17	18		—	13	30	4	26
9	18	20	20	20	20	19	18	18	21	23	20	18	22	21	19	13	9	12	13	14	20	21	21	22		—	18	32	5	27
10	23	24	22	18	14	13	13	15	19	19	19	18	20	21	22	20	16	15	13	15	14	13	12	11		—	17	32	4	28
11	10	12	14	10	7	9	10	15	18	19	21	26	32	35	31	27	16	14	13	15	18	20	26	27		—	19	43	5	38
12	24	22	20	17	15	13	16	21	23	25	26	22	27	27	23	23	21	22	20	20	18	19	20	22		—	21	36	9	27
13	25	22	22	22	25	23	24	24	23	19	20	22	26	33	34	32	25	25	20	19	19	17	19	19		—	23	44	8	36
14	15	17	16	15	16	15	11	15	25	34	29	35	32	34	34	33	32	22	16	16	14	28	28	34		—	24	49	4	45
15	39	40	36	36	30	26	20	15	17	23	29	29	31	29	21	29	27	12	13	10	8	6	5	8		—	22	53	4	49
16	8	10	12	13	11	11	16	18	21	22	30	31	22	19	21	19	14	8	7	8	10	13	14	21		—	16	47	5	42
17	37	36	38	26	24	19	21	17	17	18	16	17	16	22	18	18	16	15	14	18	19	22	22	26		—	21	57	6	51
18	26	30	33	37	39	39	38	36	39	40	39	37	42	39	37	39	35	24	11	7	12	14	19	25		—	31	61	5	56
19	31	36	34	33	27	23	22	21	23	15	11	14	13	15	17	16	15	12	24	38	23	23	29	40		—	23	63	10	53
20	46	45	47	44	34	37	30	24	22	26	21	19	19	22	19	22	16	14	15	18	16	23	24	24		—	26	59	7	52
21	19	19	20	19	16	15	12	16	14	14	17	22	19	16	19	21	19	16	—	—	—	—	—	—		—	—	—	—	—
22	—	—	—	—	—	—	—	19	24	24	21	20	20	19	21	20	15	9	5	5	5	6	7	9		—	—	—	—	—
23	9	14	19	20	21	17	18	17	18	19	24	24	27	27	27	24	17	8	6	12	15	16	18	24		—	18	62	3	59
24	28	28	29	31	26	24	23	22	24	23	23	21	16	10	9	8	13	7	9	10	12	11	12	12		—	18	55	4	51
25	12	14	15	14	13	12	12	11	12	12	12	13	13	13	13	13	12	10	11	12	15	15	17	18		—	13	32	5	27
26	21	26	30	31	27	23	19	19	21	25	24	23	20	22	26	25	22	26	24	24	20	15	10	14		—	22	67	4	63
27	17	20	19	18	14	13	18	20	20	21	21	21	23	24	22	23	22	10	—	—	—	—	—	—		—	—	—	—	—
28	9	10	12	15	12	11	10	14	17	19	24	24	21	24	22	22	18	—	—	—	—	—	9	12		—	—	—	—	—
29	14	16	15	14	14	14	17	23	18	19	19	19	18	21	19	22	22	22	22	22	22	25	26	27		—	20	35	5	30
30	29	31	32	29	29	26	25	26	27	29	28	27	25	28	>29	29	27	22	21	22	24	24	25	25		—	>27	>67	12	>55
31	22	22	23	24	21	22	23	23	23	23	21	18	21	19	22	21	18	12	10	7	7	11	9	7		—	18	31	5	26
A	16	19	19	19	18	16	17	18	19	19	20	19	20	21	21	21	17	14	13	15	16	16	17	17		18				
N	19	20	21	20	18	17	16	17	19	20	21	21	21	21	>21	21	17	15	13	14	14	15	16	18		>18				

April 2001

Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	6	6	6	6	6	7	7	28	26	21	24	26	32	33	20	22	28	20	14	10	9	8	10	9		–	16	52	4	48
2	8	9	9	11	12	14	13	17	15	17	24	28	28	31	29	31	32	23	15	10	9	9	10	11		–	17	58	3	55
3	12	11	13	13	13	12	14	17	16	14	16	16	18	19	19	20	17	12	9	10	8	9	11	13		14	14	27	5	22
4	15	14	12	12	12	11	15	15	15	14	14	14	18	16	16	18	18	15	11	13	14	16	17	15		15	15	27	3	24
5	16	14	14	16	17	14	18	15	18	19	17	18	18	21	20	14	15	14	11	7	7	6	6	7		–	14	37	3	34
6	6	6	6	6	6	6	12	17	17	26	20	23	20	21	24	27	24	13	7	7	9	12	10	12		–	14	44	4	40
7	11	8	8	8	8	10	13	15	15	19	20	20	20	17	21	22	19	13	14	15	16	17	18	19		–	15	31	5	26
8	21	21	23	24	25	26	24	23	26	22	20	31	36	32	29	34	32	25	18	18	24	21	21	28		–	25	72	9	63
9	26	28	27	25	22	23	27	25	22	23	23	23	24	24	24	18	15	19	22	22	30	32	27	29		–	24	58	7	51
10	35	33	>31	28	24	20	18	16	22	23	24	26	32	31	29	12	15	18	12	15	17	19	22	25		–	>23	>70	8	>62
11	23	22	28	28	28	25	20	26	25	20	26	27	29	27	31	28	25	19	10	8	7	7	7	6		–	21	58	4	54
12	5	5	5	5	5	5	10	14	13	17	21	22	22	24	30	29	28	28	18	16	18	20	18	20		–	17	53	3	50
13	27	28	26	29	24	22	25	23	23	25	22	25	36	23	16	22	21	19	19	21	19	17	21	23		–	23	51	8	43
14	23	20	31	36	33	29	27	26	27	24	16	27	21	24	27	29	29	29	26	23	20	20	28	27		–	26	69	3	66
15	20	21	20	21	24	24	20	21	27	29	27	26	26	23	22	23	22	17	15	18	18	20	21	21		–	22	37	6	31
16	24	24	26	26	25	24	20	22	18	19	20	18	15	17	29	34	28	22	13	7	7	7	8	10		–	19	44	4	40
17	12	15	13	10	9	11	16	19	28	27	24	26	26	22	26	30	31	17	25	18	14	18	19	23		–	20	45	5	40
18	21	16	14	12	12	13	21	25	29	19	18	21	18	20	23	24	21	17	16	10	7	6	10	12		–	17	43	4	39
19	12	10	9	9	10	14	15	16	16	20	25	28	26	26	28	28	31	26	11	7	11	12	11	12		–	17	44	5	39
20	14	15	20	22	23	24	20	21	23	19	20	22	22	21	16	18	20	15	13	11	11	15	19	18		–	18	35	6	29
21	15	14	18	20	17	17	18	19	19	20	22	20	23	21	21	20	18	16	15	11	10	10	11	13		–	17	38	4	34
22	13	14	17	19	24	28	28	29	32	30	27	28	27	23	28	35	41	33	37	26	22	20	22	26		–	26	59	7	52
23	27	20	26	22	26	27	31	33	38	35	34	32	31	34	33	27	24	21	17	24	27	26	24	34		–	28	59	9	50
24	34	35	29	37	33	22	22	24	16	17	18	16	33	45	39	35	26	24	23	20	22	24	22	18		–	26	67	4	63
25	20	21	22	21	22	25	37	39	35	32	30	32	33	35	36	35	34	28	14	8	7	7	9	11		–	25	60	3	57
26	12	15	15	13	12	24	24	25	25	22	20	22	25	25	22	23	21	18	15	11	15	16	16	15		–	19	39	4	35
27	18	17	14	15	12	13	17	19	19	21	23	25	26	25	26	21	25	26	18	14	13	9	7	7		–	18	39	3	36
28	6	6	6	6	6	9	13	15	20	22	19	16	18	20	21	25	25	17	10	8	10	10	12	15		–	14	33	4	29
29	15	15	14	16	26	30	29	29	28	21	22	23	26	29	34	35	33	28	20	18	17	17	22	23		–	24	63	6	57
30	22	22	25	24	22	24	23	20	23	26	27	26	33	39	36	29	32	33	32	32	36	37	37	38		29	29	47	11	36
A	14	13	14	13	13	15	18	19	22	20	21	24	26	29	25	25	26	21	15	14	14	14	16	14		19				
N	17	17	>18	18	18	18	20	22	23	22	22	24	25	26	26	26	25	21	17	15	15	16	17	18		>20				

May 2001 — Air conductivity (positive) 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	38	38	36	34	36	30	31	30	29	29	32	29	29	34	38	40	41	41	32	25	23	25	24	25		—	32	52	16	36
2	26	26	28	>30	30	39	35	38	38	31	31	30	31	31	35	34	40	38	34	23	24	29	30	34		—	>32	>74	6	>68
3	34	32	29	31	30	36	36	38	39	38	39	40	41	41	42	43	43	35	29	21	24	26	32	40		35	35	58	13	45
4	44	41	41	36	34	30	26	26	28	27	26	27	28	28	28	28	31	27	26	29	35	42	41	39		32	32	57	16	41
5	39	40	39	37	40	39	39	37	36	33	29	30	34	35	36	35	44	40	34	29	26	21	18	17		—	34	66	9	57
6	17	19	18	21	28	37	39	38	45	50	54	56	55	57	56	45	>57	43	32	40	43	43	44	45		—	>41	>73	10	>63
7	>45	43	40	40	35	36	38	37	36	38	39	38	31	35	38	39	46	62	63	61	61	61	60	58		—	>45	>75	11	>64
8	47	32	30	25	31	33	33	32	30	32	32	34	38	42	40	43	39	40	40	34	33	33	38	42		—	36	72	15	57
9	41	41	40	41	37	36	37	39	39	42	43	43	42	43	45	46	49	51	45	35	31	30	31	38		—	40	70	20	50
10	39	39	41	33	36	31	27	31	35	35	37	43	41	39	42	43	43	45	43	42	46	50	52	55		—	40	75	21	54
11	>62	55	55	48	47	46	41	34	32	30	29	26	29	32	32	35	37	40	35	35	40	44	45	43		—	>40	>75	19	>56
12	42	44	46	41	37	36	37	36	33	41	46	45	44	36	28	30	33	34	29	21	16	15	16	18		—	34	70	7	63
13	18	20	24	30	34	34	35	29	34	36	40	41	38	38	36	33	35	48	39	28	20	16	14	14		31	31	75	7	68
14	17	14	15	14	22	28	28	27	28	30	28	26	23	25	28	29	28	35	31	24	20	21	25	24		—	25	51	5	46
15	25	20	20	21	20	25	27	25	23	24	27	28	28	30	29	30	31	35	37	33	30	30	30	31		—	27	49	13	36
16	28	30	31	28	28	30	30	32	34	35	35	47	51	48	30	28	30	—	—	—	—	—	—	—		—	—	—	—	—
17	—	—	—	—	—	—	—	—	32	25	27	35	39	41	45	47	45	42	38	35	33	41	40	38		—	—	—	—	—
18	35	36	33	34	42	44	37	—	40	31	31	39	61	—	—	47	45	42	36	35	35	35	22	16		—	—	—	—	—
19	15	12	11	15	15	12	8	—	—	26	22	21	25	23	19	20	22	23	28	29	38	43	50	46		—	—	—	—	—
20	64	63	37	39	41	34	36	37	34	36	31	22	20	20	19	19	19	29	37	33	35	26	39	36		34	34	73	11	62
21	40	42	43	44	46	36	35	33	38	39	31	32	38	38	42	39	40	35	40	35	34	35	42	41		—	38	72	18	54
22	40	41	38	30	29	35	38	51	47	45	45	41	41	41	42	39	40	44	32	19	11	10	8	9		—	34	70	4	66
23	8	9	10	12	14	27	37	26	19	17	17	18	18	19	17	18	20	23	23	16	17	18	18	14		18	18	54	5	49
24	12	13	13	14	24	31	27	27	22	21	24	26	29	31	23	22	23	28	34	32	28	29	29	29		25	25	55	7	48
25	>63	58	50	55	—	38	34	32	31	29	29	36	42	44	45	44	45	43	43	38	36	41	43	45		—	—	—	—	—
26	54	>67	—	—	—	47	45	41	38	31	24	23	20	20	20	22	27	32	17	13	11	13	22	28		—	—	—	—	—
27	29	30	27	20	26	32	32	31	23	24	25	18	26	27	27	24	27	35	39	—	—	—	—	—		—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26	19	22	24	23		—	—	—	—	—
31	16	12	11	—	—	—	—	—	—	—	24	31	30	30	34	38	43	47	22	22	21	22	20	21		—	—	—	—	—
A	36	35	33	31	32	35	34	33	32	29	29	29	30	31	32	32	36	38	33	28	29	31	33	32		32				
N	>35	>34	31	>31	32	34	33	34	33	32	32	33	35	34	34	34	>37	38	35	30	29	30	32	32		>33				

June 2001

Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	22	30	27	32	33	24	29	31	27	21	20	24	24	34	32	26	29	27	30	32	35	29	29	29		—	28	63	4	59
2	28	31	25	28	27	28	25	29	28	21	21	29	34	38	28	25	37	58	56	52	49	50	53	56		—	36	75	5	70
3	55	55	56	52	55	—	—	35	32	37	—	—	—	—	37	43	39	40	41	28	22	21	18	15		—	—	—	—	—
4	19	18	13	10	15	28	25	22	23	25	23	20	24	30	28	22	21	34	36	31	32	30	32	32		—	25	53	6	47
5	39	43	40	35	33	34	32	26	27	27	27	34	37	28	25	38	46	47	52	49	33	28	33	39		—	36	72	8	64
6	36	39	43	48	53	38	37	33	33	34	34	34	33	28	29	32	41	54	35	14	11	16	18	15		—	33	62	7	55
7	17	26	30	35	37	32	40	37	34	32	30	30	32	28	29	31	41	50	41	39	36	39	39	40		—	34	69	6	63
8	40	39	30	34	43	40	35	34	—	—	29	36	40	41	49	—	—	—	—	—	—	47	43	49		—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	35	41	46	54	60	60	37	34	31	36	49	53		—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
12	49	45	42	48	44	42	44	39	34	30	43	36	37	41	40	35	36	45	53	>51	52	53	57	53		—	>44	>75	11	>64
13	50	49	49	48	46	44	40	34	29	35	32	32	36	37	40	39	44	44	46	34	23	19	23	20		—	37	67	9	58
14	20	19	21	22	30	26	34	27	26	24	28	22	22	21	22	23	24	25	29	27	24	27	29	30		—	25	69	8	61
15	29	27	26	29	41	37	40	42	44	41	43	42	47	43	47	45	45	>51	63	28	29	32	33	32		—	>39	>72	14	>58
16	40	40	40	45	43	35	33	33	34	25	22	26	32	36	37	39	39	36	35	35	41	45	56	56		—	38	69	8	61
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
21	46	46	—	—	—	—	—	—	—	—	—	—	48	46	45	49	56	60	51	42	39	44	45	52		—	—	—	—	—
22	>55	57	55	56	54	45	44	43	45	37	46	41	38	41	37	39	41	40	33	37	39	43	42	39		—	>44	>69	15	>54
23	40	43	41	43	44	42	40	41	45	49	52	55	57	25	25	17	29	18	26	34	52	—	—	—		—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26	35	54	49	53	—	—	—	—	—		—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
28	—	—	—	—	—	—	49	54	51	50	44	43	46	53	54	54	54	53	51	37	38	39	45	49		—	—	—	—	—
29	—	—	—	—	—	—	47	47	37	34	31	34	38	48	50	—	—	—	—	—	—	—	—	—		—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
A	36	37	32	32	37	32	36	35	36	30	33	34	37	41	36	35	41	44	45	34	32	31	30	32		35				
N	>37	38	36	38	40	35	37	36	34	33	33	34	37	37	36	36	41	>44	43	>36	34	35	38	39		>37				

July 2001

Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
4	44	43	45	48	40	20	11	13	9	9	8	8	–	–	–	–	–	18	28	27	22	25	23	20		–	–	–	–	–
5	16	14	18	16	27	37	38	26	22	19	26	6	33	46	48	–	–	–	–	–	–	–	–	–		–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	49	54	47	45	45	45	35	36	40	–	–	–	–	–	–		–	–	–	–	–
7	–	–	–	–	–	–	–	–	46	40	42	44	45	46	46	50	53	54	–	–	–	–	–	–		–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	39	35	39	50	44	34	39	48	–	–	–	–	–	–	–		–	–	–	–	–
10	–	–	–	–	–	–	–	–	31	29	29	28	28	25	30	30	39	44	37	28	25	31	25	21		–	–	–	–	–
11	19	18	15	17	26	29	31	34	32	31	36	42	42	39	37	36	44	45	43	41	43	45	44	39		–	35	58	10	48
12	41	36	35	36	37	35	35	31	32	36	33	31	41	40	39	41	44	>50	45	37	27	24	22	24		–	>35	>75	20	>55
13	23	21	19	20	24	25	27	31	32	34	35	37	45	42	41	38	39	40	33	34	41	44	43	37		–	34	67	16	51
14	34	33	34	31	35	38	35	34	35	30	35	37	38	42	47	51	51	53	52	38	35	33	34	34		–	38	64	26	38
15	32	34	32	34	38	41	42	43	41	43	46	51	53	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
17	–	–	–	–	–	–	–	38	44	49	47	46	49	54	50	47	34	30	–	–	–	–	–	–		–	–	–	–	–
18	–	–	–	–	–	30	44	43	32	45	57	68	60	53	49	45	42	39	37	40	43	27	17	21		–	–	–	–	–
19	26	20	20	16	16	23	28	28	29	23	23	23	26	27	30	38	39	37	33	29	27	28	27	33		–	27	50	11	39
20	35	32	28	27	26	28	28	31	33	42	39	47	43	46	42	46	45	40	50	40	21	–	–	–		–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22	31	30	32	32		–	–	–	–	–
22	32	31	24	35	33	25	27	30	34	34	36	38	–	38	40	42	42	39	41	36	39	36	37	40		–	–	–	–	–
23	40	38	36	37	36	27	35	40	34	39	38	32	37	33	30	33	37	42	53	60	>55	38	39	43		–	>39	>75	12	>63
24	51	39	35	33	33	34	37	39	44	50	50	46	34	40	43	47	49	48	47	53	>41	41	44	50		–	>43	>72	17	>55
25	40	47	>52	45	42	42	43	46	47	44	46	48	47	48	51	54	58	55	53	41	39	33	38	36		–	>46	>75	19	>56
26	33	32	34	34	34	35	38	42	43	44	47	45	40	32	40	39	40	38	38	35	35	28	41	43		–	38	60	18	42
27	42	43	47	44	40	38	32	29	30	32	30	34	36	34	33	39	44	35	30	30	34	33	34	35		–	36	69	20	49
28	37	38	40	40	28	35	38	38	43	43	46	48	49	50	50	50	52	51	54	48	38	>38	42	41		–	>43	>73	23	>50
29	39	41	41	40	38	39	39	38	36	41	47	52	53	57	58	61	61	55	52	43	33	32	29	29		–	44	69	24	45
30	29	28	28	29	31	31	35	34	–	–	–	35	45	45	50	52	52	39	41	46	42	36	31	26		–	–	–	–	–
31	31	33	32	34	36	37	34	34	34	36	37	39	40	41	36	39	41	42	42	36	33	29	25	36		–	36	61	18	43
A	31	30	30	30	31	32	33	34	37	38	40	38	42	47	47	48	46	45	43	38	34	33	29	29		37				
N	34	33	>32	32	33	32	34	34	35	37	38	39	43	42	42	43	45	>42	43	38	>35	>33	33	34		>37				

August 2001

Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	33	31	29	31	33	34	36	37	30	36	36	38	38	40	36	38	43	49	52	49	36	31	30	31		—	37	65	24	41
2	37	38	40	35	38	34	27	26	26	27	28	28	29	28	29	31	37	37	31	23	22	22	21	21		—	30	55	18	37
3	22	23	23	23	23	27	31	31	32	31	29	27	27	31	36	40	39	34	29	33	36	36	36	36		—	31	47	18	29
4	34	34	35	38	36	38	42	47	52	56	54	56	55	54	54	56	59	55	50	40	36	47	63	52		—	48	74	24	50
5	39	30	28	28	30	30	31	34	34	37	38	37	38	46	46	44	41	35	35	30	29	22	21	27		—	34	64	16	48
6	26	28	30	28	27	33	33	29	35	35	34	31	25	41	37	40	46	55	42	29	23	20	21	26		—	32	69	18	51
7	29	26	25	23	26	27	28	29	29	28	29	31	31	31	30	32	35	28	33	25	20	18	23	23		—	27	70	15	55
8	24	26	20	17	18	22	27	31	32	33	36	39	38	36	35	35	30	29	31	27	29	31	34	34		—	30	45	14	31
9	42	53	48	43	36	33	37	39	38	38	36	38	39	36	38	40	40	39	36	29	24	24	24	24		—	36	64	15	49
10	27	27	26	23	27	28	26	27	29	23	29	33	30	27	29	31	33	27	24	23	22	25	26	26		—	27	47	16	31
11	29	29	24	24	29	29	28	27	25	24	33	38	37	43	39	33	44	44	24	20	14	17	17	13		—	29	73	10	63
12	18	21	21	21	27	32	32	35	26	27	31	33	31	27	32	35	38	40	32	24	17	16	15	15		—	27	48	12	36
13	15	16	19	18	20	24	24	24	25	24	24	23	24	24	25	27	29	28	25	26	31	35	34	34		—	25	43	13	30
14	34	30	28	29	31	31	33	32	34	39	40	40	40	42	41	41	43	34	25	24	25	23	25	28		—	33	51	20	31
15	32	35	37	36	34	35	34	35	36	38	41	41	39	44	47	50	58	54	40	32	30	29	30	30		—	38	73	26	47
16	29	32	32	28	28	32	32	35	37	39	41	42	45	48	47	50	52	46	40	37	37	34	32	31		38	38	58	23	35
17	30	29	29	27	32	31	33	35	37	39	42	45	47	49	52	54	55	49	44	43	44	41	38	37		—	40	59	24	35
18	37	35	35	32	39	36	35	35	37	40	43	42	46	47	49	51	50	48	37	31	29	30	29	30		—	38	57	23	34
19	28	26	26	27	30	34	34	35	39	41	44	48	52	53	52	53	56	51	46	42	38	36	39	39		40	40	72	21	51
20	36	35	33	30	33	31	35	36	39	41	42	44	46	51	52	52	52	47	36	33	33	33	35	39		39	39	75	25	50
21	36	38	39	37	33	35	37	33	32	33	35	38	42	44	46	47	46	44	46	42	35	36	41	41		—	39	74	29	45
22	39	34	30	26	27	27	30	32	31	33	33	32	36	38	40	43	40	37	40	38	34	36	41	44		—	35	70	20	50
23	42	42	41	40	41	41	44	48	51	53	54	53	47	46	49	51	52	53	40	27	26	32	34	35		43	43	72	22	50
24	34	34	27	25	25	30	38	37	39	42	44	44	45	45	47	48	52	45	36	27	28	29	27	27		—	36	69	18	51
25	27	25	24	27	26	24	26	30	32	32	34	30	27	28	29	31	32	29	24	24	24	27	28	25		—	28	46	18	28
26	24	24	22	21	25	31	35	38	37	43	47	49	56	55	55	59	61	60	47	33	27	25	28	32		39	39	74	14	60
27	33	30	35	23	20	29	33	34	35	35	32	29	31	33	32	33	31	33	>56	70	57	50	40	36		—	>36	>75	14	>61
28	37	36	30	33	33	34	30	32	31	30	25	23	21	23	28	31	30	32	34	25	34	35	28	23		—	30	61	7	54
29	32	25	26	26	30	30	34	37	36	35	26	23	28	37	41	41	32	30	29	30	29	23	23	22		—	30	58	12	46
30	21	20	20	21	24	19	23	33	39	41	43	41	44	46	49	47	45	38	24	16	12	13	14	16		—	30	65	10	55
31	19	20	21	19	16	15	22	29	26	29	35	36	33	29	32	33	37	35	20	18	18	21	22	21		25	25	44	11	33
A	29	29	30	26	28	30	31	33	34	36	37	37	38	40	43	44	45	42	35	30	28	27	28	29		34				
N	30	30	29	28	29	30	32	34	34	36	37	37	38	39	40	42	43	41	>36	31	29	29	30	30		>34				

September 2001 — Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	17	18	17	18	21	29	31	30	28	34	33	33	28	24	28	27	23	18	20	20	17	15	17	18		—	24	39	13	26
2	19	19	21	22	20	23	37	31	24	22	24	26	25	27	29	25	25	30	32	36	32	34	27	29		—	27	51	15	36
3	30	26	28	26	25	31	30	28	27	28	26	24	25	28	30	33	32	29	30	24	21	24	26	26		—	27	53	14	39
4	26	26	25	25	23	23	24	27	28	29	32	33	31	30	30	31	30	24	21	18	16	16	15	16		—	25	39	13	26
5	17	17	18	18	20	20	21	20	22	23	29	30	31	29	27	26	26	22	21	22	20	21	23	24		—	23	44	13	31
6	21	24	26	25	26	25	28	27	28	27	29	30	31	32	34	35	32	26	24	21	23	27	32	31		—	28	48	15	33
7	29	22	23	27	24	30	33	33	34	36	31	32	32	32	34	32	28	27	26	25	20	19	16	16		28	28	56	10	46
8	19	18	19	22	21	18	26	29	30	29	30	23	27	35	37	32	36	27	21	21	16	22	34	35		—	26	75	7	68
9	35	38	38	38	40	40	39	39	40	42	42	41	35	37	24	28	35	31	31	36	34	41	46	37		—	37	50	21	29
10	38	39	38	38	38	38	37	36	40	37	34	32	33	35	33	29	29	30	33	32	30	27	26	32		—	34	44	18	26
11	32	32	29	29	26	27	28	28	41	46	39	38	38	37	36	34	33	31	26	21	26	24	25	30		—	32	63	13	50
12	32	33	28	27	28	25	24	25	22	25	27	28	30	30	24	22	22	22	25	24	21	24	26	22		—	26	40	12	28
13	24	25	22	21	22	23	25	27	27	28	29	32	27	32	30	24	23	20	20	20	18	21	22	23		—	24	37	14	23
14	24	22	25	26	24	19	22	24	25	27	23	22	23	26	27	25	22	22	21	21	23	24	23	23		—	23	32	14	18
15	26	28	28	40	42	46	36	25	27	29	33	36	31	30	26	23	17	17	20	22	23	17	16	16		—	27	60	10	50
16	23	29	32	28	25	22	21	20	22	20	19	20	21	21	24	>48	31	16	25	27	28	26	27	29		—	>25	>75	11	>64
17	28	27	26	25	23	22	24	26	28	35	36	36	29	31	28	28	26	22	24	26	29	25	21	23		—	27	52	9	43
18	24	25	27	26	25	29	30	38	40	36	32	32	35	39	33	34	31	24	18	23	30	25	21	22		—	29	55	10	45
19	23	23	18	17	19	18	23	23	24	26	29	28	27	29	28	24	17	11	8	7	9	12	14	16		—	20	63	5	58
20	15	18	20	20	17	14	13	20	21	24	28	34	31	28	28	27	18	11	8	8	8	9	10	11		—	18	40	6	34
21	12	14	15	15	19	21	23	26	27	27	27	27	27	28	29	29	20	23	26	26	26	26	24	22		—	23	36	9	27
22	20	20	16	14	16	14	18	20	22	28	27	28	28	31	30	27	18	17	16	21	31	39	40	27		—	24	61	8	53
23	25	20	18	21	19	19	23	26	27	31	29	24	24	27	28	28	21	14	7	4	4	6	8	9		—	19	44	3	41
24	9	11	11	14	15	18	18	21	24	28	31	32	34	34	31	32	33	28	22	18	18	21	20	21		—	23	44	7	37
25	25	26	28	31	34	33	34	36	37	35	33	33	29	32	32	32	27	23	25	21	12	8	9	10		—	27	50	4	46
26	13	16	19	18	16	6	8	19	26	32	28	30	31	31	30	16	7	4	5	4	4	4	4	4		—	16	49	3	46
27	5	6	7	7	7	6	11	15	16	19	23	24	25	26	25	24	22	18	17	17	22	17	24	29		—	17	37	3	34
28	25	26	30	28	26	30	22	14	17	13	22	19	26	22	19	19	13	7	6	7	6	5	5	6		—	17	43	3	40
29	6	5	6	7	7	9	12	13	17	18	20	22	23	23	23	19	14	9	6	5	4	4	5	6		—	12	28	3	25
30	9	11	12	14	15	17	19	21	22	24	26	27	27	28	28	27	27	24	25	25	26	27	26	27		—	22	34	6	28
A	21	20	20	21	22	22	24	24	25	27	27	29	29	30	29	28	25	23	20	20	19	20	19	20		24				
N	22	22	22	23	23	23	25	26	27	29	29	29	29	30	29	>28	25	21	20	20	20	20	21	21		>24				

October 2001

Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	28	28	27	25	24	22	21	21	22	22	22	26	32	29	30	27	25	24	25	28	28	25	27	26		—	26	45	18	27
2	26	29	33	39	47	37	33	35	39	42	39	35	28	30	32	29	19	15	15	19	20	22	26	29		—	30	59	12	47
3	32	33	32	30	30	31	31	31	34	35	33	34	34	35	35	28	20	18	21	21	29	20	18	25		—	29	48	13	35
4	24	25	26	25	23	24	22	24	24	20	19	17	23	29	35	21	19	15	13	12	13	17	19	20		—	21	52	8	44
5	21	21	21	20	20	20	20	22	23	22	25	23	23	23	24	19	10	7	7	7	6	7	8	10		—	17	48	4	44
6	12	12	13	13	13	12	8	12	18	24	25	22	23	28	25	23	15	8	6	6	6	6	6	7		—	14	39	3	36
7	7	8	8	11	11	11	12	13	16	18	20	23	25	26	26	26	18	18	25	25	25	25	25	24		—	19	30	5	25
8	24	25	24	21	20	19	18	22	24	25	24	25	25	25	24	24	20	19	16	14	14	13	12	11		—	20	35	8	27
9	13	11	14	14	17	14	16	19	22	24	25	25	22	22	26	23	13	10	7	7	7	8	10	12		—	16	38	5	33
10	11	11	13	13	13	14	14	14	18	19	23	26	28	28	30	27	23	14	12	12	12	11	14	15		—	17	34	8	26
11	18	21	24	26	25	22	18	19	20	19	18	19	20	22	22	22	22	21	20	19	19	17	16	14		—	20	31	10	21
12	15	13	11	11	11	10	12	14	15	18	22	23	24	24	28	22	14	8	7	9	10	14	15	16		—	15	36	4	32
13	13	10	13	14	15	16	16	20	18	18	18	19	20	21	21	19	14	10	7	6	5	5	5	5		—	14	25	3	22
14	5	5	5	5	5	5	5	11	17	20	22	23	28	29	28	19	13	10	8	6	4	4	5	5		—	12	54	2	52
15	5	5	6	8	11	9	12	12	13	17	20	24	28	25	25	15	9	4	4	4	7	9	10	10		—	12	35	2	33
16	11	11	11	14	15	14	14	16	19	20	20	19	19	20	20	16	13	10	11	11	12	9	8	8		—	14	24	5	19
17	11	12	10	10	11	12	11	9	9	9	11	17	23	20	19	20	19	15	14	11	9	8	9	12		—	13	28	5	23
18	14	15	15	15	16	17	19	17	19	27	31	27	21	20	22	15	9	5	4	4	4	4	4	4		—	15	55	2	53
19	5	5	6	7	10	7	7	7	10	13	15	16	14	21	21	15	11	8	6	4	4	4	4	4		—	9	29	2	27
20	4	5	6	6	7	8	9	9	18	37	36	35	30	26	18	14	11	10	9	10	8	10	13	13		—	15	51	3	48
21	23	31	35	39	37	36	34	32	32	32	32	32	31	30	29	26	25	25	26	25	28	28	30	32		—	30	52	14	38
22	33	32	38	43	40	41	31	24	18	16	14	10	13	20	23	18	14	11	11	10	10	11	14	20		—	21	71	7	64
23	23	24	20	19	16	12	14	17	21	23	24	29	32	28	24	17	15	13	14	13	9	8	8	11		—	18	50	5	45
24	14	16	20	19	16	11	9	14	20	22	23	25	25	26	22	14	5	5	5	5	5	8	16	18		15	15	34	3	31
25	20	22	23	18	18	12	13	16	19	20	19	20	19	19	16	12	5	5	10	11	11	15	16	17		—	16	30	3	27
26	18	19	19	16	15	15	16	15	15	17	19	20	23	21	18	12	8	6	5	5	5	5	6	7		—	14	36	3	33
27	6	9	10	7	8	7	9	11	13	17	19	19	21	20	17	12	9	10	11	12	13	14	15	17		—	13	24	3	21
28	18	18	22	19	14	12	11	12	13	13	14	15	15	17	15	10	11	10	15	24	15	13	20	19		—	15	44	6	38
29	18	22	26	28	29	29	30	27	27	27	28	23	21	22	18	20	20	16	19	18	20	19	20	23		—	23	35	7	28
30	23	23	22	19	16	21	22	18	18	21	21	16	19	20	21	21	20	19	20	20	21	24	26	29		—	21	33	12	21
31	29	30	31	31	35	35	26	30	34	35	37	38	39	35	28	31	31	34	34	33	42	54	52	49		—	36	72	16	56
A	20	21	23	22	21	19	21	21	20	21	24	25	26	26	24	19	15	15	17	14	14	14	16	19		20				
N	17	18	19	19	19	18	17	18	20	22	23	23	24	25	24	20	15													

November 2001 — Air conductivity (positive) * 10^{-16} [$ohm^{-1}\ m^{-1}$]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	37	38	47	48	47	46	45	44	37	31	33	37	32	34	28	33	32	31	29	29	30	29	30	32		—	36	58	9	49
2	28	27	27	27	24	22	17	22	23	27	28	27	28	26	23	18	12	8	7	8	11	9	7	5		—	19	39	3	36
3	5	6	10	11	11	12	11	12	15	16	16	12	10	14	15	14	12	14	17	18	19	19	21	22		—	14	32	3	29
4	23	23	23	22	23	23	22	21	23	23	23	25	25	26	26	27	24	23	20	25	26	28	28	28		—	24	33	17	16
5	26	24	23	23	25	25	25	26	30	37	31	31	31	27	25	24	23	30	26	25	21	21	23	24		—	26	75	15	60
6	25	24	18	22	21	13	10	12	15	16	16	20	19	18	14	12	12	12	14	16	19	22	23	24		—	17	36	8	28
7	25	26	28	28	31	30	30	38	33	32	34	33	31	34	31	21	13	17	15	18	20	34	33	33		—	28	63	11	52
8	34	33	31	35	22	13	9	14	11	18	17	14	15	10	12	9	10	9	12	9	9	16	15	21		—	17	52	6	46
9	23	26	35	49	54	36	38	37	24	22	25	28	30	30	26	23	23	23	21	22	21	20	21	20		—	28	66	16	50
10	21	24	30	32	31	25	23	16	15	15	23	25	26	21	19	16	9	5	5	5	8	5	5	8		—	17	44	3	41
11	10	10	12	13	15	14	13	13	15	17	19	19	21	23	21	18	17	19	22	22	19	20	21	19		—	17	27	7	20
12	21	19	20	22	24	22	20	19	19	19	19	21	20	20	19	18	12	11	15	15	17	18	18	17		—	19	29	8	21
13	19	18	20	25	49	53	25	19	19	23	31	32	29	20	12	7	6	5	—	—	—	—	—	—		—	—	—	—	—
14	6	7	8	9	12	12	11	7	7	13	18	18	17	15	13	5	—	—	—	—	—	—	—	—		—	—	—	—	—
15	5	5	6	8	9	8	7	7	7	10	14	16	16	21	16	14	14	17	18	17	14	14	13	13		—	12	25	3	22
16	13	14	15	18	20	19	15	13	19	24	23	21	22	23	21	20	18	17	18	20	17	16	16	20		—	18	41	10	31
17	20	17	19	18	17	17	14	14	12	15	17	16	17	14	13	12	18	15	15	15	12	12	15	17		—	15	41	7	34
18	20	23	25	26	25	25	26	25	24	23	23	22	21	21	22	23	27	28	27	27	23	22	24	27		—	24	39	17	22
19	30	30	28	26	26	29	29	25	20	16	14	16	16	22	25	13	21	17	15	19	23	20	22	29		—	22	44	10	34
20	32	34	38	33	26	24	25	22	22	14	20	21	19	18	16	—	—	—	—	—	—	—	—	—		—				
21	5	5	7	9	9	8	7	5	5	12	14	15	14	14	12	12	10	9	9	12	13	14	13	14		—	10	21	2	19
22	18	21	22	23	24	19	25	23	20	20	22	22	22	21	21	21	22	20	24	15	22	23	25	25		—	22	30	7	23
23	26	29	34	35	30	28	25	20	21	22	23	22	22	21	18	19	18	17	15	16	17	16	19	24		—	22	44	4	40
24	28	31	36	34	34	30	24	20	17	20	11	17	15	16	19	20	18	19	21	22	22	29	31	35		—	24	50	6	44
25	36	39	41	42	43	41	38	35	31	26	29	26	30	26	29	23	25	27	26	25	26	27	28	27		—	31	75	13	62
26	32	29	29	29	32	31	28	23	26	24	20	25	23	18	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	11	12	12	12	12	13	14	13	13	14	10	10	13	14	14		—	—	—	—	—
28	14	14	12	12	11	11	11	9	9	10	11	12	11	9	8	8	9	12	11	11	12	11	11	12		—	11	20	6	14
29	12	10	10	8	6	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	9		—	—	—	—	—
30	12	15	15	17	18	17	14	11	11	13	17	16	16	14	16	15	14	14	20	20	19	11	24	31		—	16	66	4	62
A	18	17	20	21	20	17	15	13	16	18	15	18	20	19	16	13	11	11	16	18	18	17	19	21		17				
N	21	21	23	24	25	23	20	20	19	20	21	21	21	20	19	17	17	17	17	18	18	19	20	21		20				

December 2001

Air conductivity (positive) * 10^{-18} [ohm^{-1} m^{-1}]

GMT Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max	Min	Amp
1	36	40	42	43	42	39	32	26	21	22	24	18	12	10	10	10	10	11	15	14	14	20	21	24		—	23	58	6	52
2	24	25	24	25	26	25	24	22	21	23	24	23	21	20	20	18	18	18	19	20	25	27	29	35		—	23	48	12	36
3	40	49	47	49	>49	41	23	25	20	20	20	18	16	16	17	17	15	15	12	11	13	14	17	18		—	>24	>75	5	>70
4	18	23	25	25	24	23	20	19	19	18	19	17	16	17	18	18	16	12	17	18	19	17	19	18		—	19	32	3	29
5	21	22	23	22	23	21	19	14	12	13	12	11	13	11	10	9	8	9	10	10	12	13	15	16	16	—	13	30	3	27
6	7	7	8	8	10	10	10	9	11	14	10	5	7	7	8	8	9	10	10	12	13	15	16	16		—	10	23	4	19
7	18	17	14	11	9	6	5	5	5	5	9	11	14	15	13	9	8	7	7	8	7	7	7	8		—	9	24	3	21
8	9	8	9	9	11	12	11	10	10	11	12	13	15	12	10	9	9	8	8	8	8	8	7	7		—	10	25	4	21
9	7	9	8	8	10	12	10	10	9	9	10	10	9	9	8	7	8	7	7	9	12	13	14	14		—	10	20	3	17
10	14	15	16	15	17	17	17	17	16	15	14	15	14	14	13	12	11	11	12	12	11	11	11	11		—	14	28	5	23
11	14	15	16	17	17	17	16	16	14	18	16	14	14	15	12	10	10	10	10	12	12	12	11	11		—	14	34	4	30
12	13	13	14	16	16	15	12	14	19	21	22	30	27	22	18	13	22	23	20	20	19	18	20	22		—	19	41	5	36
13	22	24	24	22	22	21	18	14	15	17	18	17	17	15	14	14	14	14	14	13	12	12	10	11		—	16	58	5	53
14	12	13	14	15	14	12	14	14	14	13	12	12	13	12	11	11	12	13	13	14	13	14	14	14		—	13	24	5	19
15	13	13	13	14	15	16	15	15	14	17	17	20	18	15	19	16	14	14	25	22	15	17	19	23		—	17	40	5	35
16	29	36	41	42	38	37	35	28	24	26	24	23	23	20	16	11	9	5	5	5	5	5	5	5		—	21	53	3	50
17	6	8	8	8	8	9	11	10	9	6	7	8	9	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
18	8	8	9	13	14	14	18	18	6	6	7	10	12	13	12	13	12	13	13	13	13	13	15	17		—	12	33	3	30
19	18	21	22	23	27	25	30	29	28	26	22	21	21	20	21	19	22	24	20	22	27	24	23	24		—	23	63	10	53
20	33	—	—	45	38	43	28	22	23	21	11	22	22	11	23	20	24	26	27	23	22	24	26	24		—	—	—	—	—
21	23	26	25	23	26	28	25	26	26	24	24	23	25	21	24	24	26	29	27	23	28	28	28	28		—	25	35	17	18
22	30	31	34	37	42	40	31	29	25	24	25	25	25	22	23	19	16	17	17	13	12	8	10	10		—	24	58	7	51
23	11	14	16	16	17	20	21	21	17	14	20	18	19	20	19	17	18	20	20	18	17	19	18	16		—	18	35	9	26
24	15	18	20	24	25	20	17	17	15	17	22	6	18	20	21	20	20	22	22	22	22	24	24	27		—	20	32	4	28
25	27	31	32	31	34	33	30	30	31	31	29	29	28	29	31	31	32	33	35	34	35	33	33	37		—	32	43	19	24
26	41	46	33	35	40	43	34	27	29	31	30	30	29	29	25	22	22	25	23	16	16	15	19	15		—	28	52	9	43
27	14	16	17	21	28	28	28	24	21	22	21	21	22	23	15	13	11	12	12	10	8	9	9	10		—	17	35	3	32
28	13	13	13	14	16	16	16	16	16	15	14	14	17	18	16	14	13	12	13	13	14	14	17	21		—	15	26	6	20
29	23	25	29	31	37	39	39	36	34	36	35	35	34	29	30	25	28	31	27	27	23	24	25	28		—	30	46	14	32
30	28	30	30	26	27	28	22	24	25	22	27	27	24	25	26	28	28	29	28	23	27	30	27	27		—	27	45	14	31
31	27	30	36	32	32	33	26	20	18	17	13	14	15	15	17	15	14	17	18	17	17	14	16	15		—	20	50	5	45
A	20	20	21	21	23	24	21	21	19	19	17	16	16	14	12	9	11	13	14	14	15	15	20	18	17					
N	20	22	22	23	>24	24	21	20	18	19	18	18	18	18	17	16	16	17	17	16	16	17	17	18	>19					

Number of condensation nuclei per 1 cm^3 of air.
2001

January

Data	I	II	III	M
1	5600	3800	15600	8300
2	7700	13700	11700	11000
3	8000	16900	18300	14400
4	12600	34600	8700	18600
5	10900	12600	14600	12700
6	5100	13600	6400	8400
7	7000	11700	10900	9900
8	5200	8700	6100	6700
9	6400	9400	7300	7700
10	4700	11800	9400	8600
11	7300	15900	10900	11400
12	12200	35000	19600	22300
13	6200	8000	11700	8600
14	7100	4700	8000	6600
15	4700	10200	16900	10600
16	8400	13500	15600	12500
17	7500	6100	5900	6500
18	10500	8700	13300	10800
19	4400	5800	10200	6800
20	10100	11300	16400	12600
21	4000	6700	4100	4900
22	5400	4700	8700	6300
23	5900	7400	6700	6700
24	9400	19700	8700	12600
25	9400	21000	18900	16400
26	4300	13700	15200	11100
27	19600	8700	10500	12900
28	6100	5200	52500	21300
29	26000	18200	9400	17900
30	5400	8000	12600	8700
31	5600	5900	8700	6700
M	8200	12100	12700	11000

February

Date	I	II	III	M
1	5100	5100	24300	11500
2	21800	5100	15600	14200
3	8700	7300	52500	22800
4	15200	4800	10900	10300
5	7700	4700	18300	10200
6	13700	48000	22500	28100
7	14100	13500	19600	15700
8	46500	13500	17500	25800
9	26000	8700	82500	39100
10	3600	8400	10100	7400
11	8000	6100	22500	12200
12	21800	15100	11800	16200
13	5100	9400	10900	8500
14	6700	5600	5000	5800
15	3600	5200	6400	5100
16	8700	21000	5200	11600
17	4500	4300	17100	8600
18	3100	9400	3600	5400
19	10500	37700	13500	20600
20	5600	5000	5900	5500
21	3300	9800	13700	8900
22	4000	18900	17600	13500
23	5400	13500	22500	13800
24	7000	23500	15100	15200
25	34500	5600	6400	15500
26	24000	16400	19600	20000
27	14600	15900	24500	18300
28	27000	15100	22500	21500
M	12900	12700	18500	14700

Note: I) 06:10 - 06:30 II) 11:10 - 11:30 III) 18:10 - 18:30 GMT

Number of condensation nuclei per 1 cm^3 of air.
2001

March

Data	I	II	III	M
1	15100	30000	41500	28900
2	54000	15100	38700	35900
3	18300	15900	14600	16300
4	9400	8700	10200	9400
5	6400	4000	13700	8000
6	10100	33500	29000	24200
7	57000	14600	28000	33200
8	19600	13500	11300	14800
9	18900	14600	35500	23000
10	20300	13500	30000	21300
11	15700	5600	42300	21200
12	28000	30000	19600	25900
13	10500	17500	6700	11600
14	37400	5100	37000	26500
15	7000	3600	13700	8100
16	5600	5600	38000	16400
17	27000	24000	9400	20100
18	3800	3600	10200	5900
19	5600	35000	10200	16900
20	2300	10900	8000	7100
21	10500	8700	22500	13900
22	45000	24500	24000	31200
23	10100	21800	33000	21600
24	7000	6700	5900	6500
25	5200	6200	5000	5500
26	4900	17300	7400	9900
27	18300	16900	24000	19700
28	16900	19600	42000	26200
29	11200	48000	9400	22900
30	11800	14600	13700	13400
31	10900	13500	23500	16000
M	16900	16200	21200	18100

April

Date	I	II	III	M
1	16400	4000	32000	17500
2	16900	6100	41000	21300
3	58700	42000	39000	46600
4	24000	26500	24300	24900
5	15900	13500	21800	17100
6	16900	19600	67000	34500
7	28000	18200	22500	22900
8	6400	32000	13500	17300
9	4500	6100	7300	6000
10	9100	5500	8400	7700
11	6100	6700	26500	13100
12	21100	8400	10900	13500
13	8000	5600	8700	7400
14	5200	6100	7100	6100
15	11700	10900	19600	14100
16	8600	6200	14600	9800
17	11300	16900	14100	14100
18	11400	30000	16800	19400
19	17600	9100	19600	15400
20	6700	5200	6200	6000
21	4100	8000	13500	8500
22	3600	2900	5900	4100
23	4000	4700	4100	4300
24	7400	18200	6400	10700
25	3300	3000	52500	19600
26	12600	5600	13500	10600
27	13700	26500	19800	20000
28	18300	19600	47700	28500
29	5600	23500	15200	14800
30	8000	82500	11800	34100
M	12800	15800	20400	16300

Note: I) 06:10 - 06:30 II) 11:10 - 11:30 III) 18:10 - 18:30 GMT

Number of condensation nuclei per 1 cm^3 of air.
2001

May

Data	I	II	III	M
1	13700	8700	18800	13700
2	12200	24500	10100	15600
3	5900	5200	13700	8300
4	74000	27000	54000	51700
5	14600	20400	4700	13200
6	5600	2000	6700	4800
7	9600	4500	11800	8600
8	7800	15200	13700	12200
9	10900	10900	12200	11300
10	19600	4700	5600	10000
11	16600	20300	16900	17900
12	13500	6200	18300	12700
13	5600	21100	11300	12700
14	18900	27000	19700	21900
15	26200	48000	10900	28400
16	10900	10900	30000	17300
17	18200	51000	27000	32100
18	12600	29000	15900	19200
19	6700	74000	28000	36200
20	42000	58500	4900	35100
21	16900	15200	8700	13600
22	7300	10600	7400	8400
23	5600	28000	15100	16200
24	14600	35500	8700	19600
25	13700	21400	8000	14400
26	22000	57500	32000	37200
27	12600	103700	22500	46300
28	7300	8000	8000	7800
29	10100	8700	9800	9500
30	8700	10200	7400	8800
31	5600	10900	7400	8000
M	15100	25100	15100	18400

June

Date	I	II	III	M
1	14600	45000	13500	24400
2	6200	28000	21000	18400
3	7700	5600	7300	6900
4	9100	25000	5600	13200
5	12200	41200	7000	20100
6	18300	13700	8700	13600
7	10200	31000	22800	21300
8	11100	60000	27300	32800
9	5200	5200	14600	8300
10	6100	4000	4500	4900
11	5900	8000	6800	6900
12	7300	20800	10900	13000
13	5200	13100	19600	12600
14	10900	23500	12600	15700
15	8700	3400	13700	8600
16	58700	60500	22500	47200
17	5600	4500	8000	6000
18	5900	5600	7000	6200
19	8000	10500	6700	8400
20	6700	4700	3800	5000
21	4000	8100	5600	5900
22	11800	8700	8700	9700
23	4700	5600	9400	6600
24	4000	10100	19600	11200
25	9800	13900	10900	53200
26	14600	39500	16600	23600
27	14600	19600	6700	13600
28	10200	13700	5600	9800
29	20600	48000	12600	27000
30	6100	6700	10900	7900
M	10600	23700	11700	15400

Note: I) 06:10 - 06:30 II) 11:10 - 11:30 III) 18:10 - 18:30 GMT

Number of condensation nuclei per 1 cm^3 of air.
2001

July

Data	I	II	III	M
1	18300	8700	3800	10300
2	5100	6700	10100	7300
3	7300	4500	6100	6000
4	10100	3900	6200	6700
5	14100	22500	10900	15800
6	16200	14100	26000	18800
7	51000	11300	9800	24000
8	8400	9800	4200	7500
9	5900	6200	6400	6200
10	8500	12600	8700	9900
11	15600	10900	6700	11100
12	7700	37000	12200	19000
13	14600	21800	19600	18700
14	9400	22500	5100	12300
15	5600	4000	6700	5400
16	14600	26000	10200	16900
17	21000	10900	6000	12600
18	14600	3800	6100	8200
19	13100	58500	19600	30400
20	15100	14600	22500	17400
21	9800	36900	13500	20100
22	3600	7700	9000	6800
23	5200	8000	6700	6600
24	9400	8700	8000	8700
25	6400	4100	10100	6900
26	4300	4900	18200	9100
27	8700	10200	12600	10500
28	5900	4300	6100	5400
29	5600	3600	8000	5700
30	15100	16800	16800	16200
31	20300	11800	15900	16000
M	12000	13800	10700	12200

August

Date	I	II	III	M
1	11300	14600	10900	12300
2	19600	65000	12600	32400
3	12600	42500	24500	26500
4	6700	11700	14600	11000
5	3300	8000	24000	11800
6	15600	32000	17400	21700
7	23100	19600	24500	22400
8	13700	22500	22500	19600
9	10600	14600	26000	17100
10	21000	14600	13500	16400
11	10900	10900	21000	14300
12	10500	46300	13100	23300
13	28000	70500	18200	38900
14	5600	7400	34100	15700
15	14600	6700	6200	9200
16	15100	16900	37700	23200
17	19600	10200	26500	18800
18	8700	18900	15900	14500
19	9800	4000	6700	6800
20	17900	15900	12200	15300
21	14400	9400	13500	12400
22	17600	24000	12200	17900
23	8700	6200	16900	10600
24	18300	4700	10900	11300
25	15000	10900	22500	16100
26	7700	4000	4300	5300
27	20300	34500	11400	22100
28	6700	32500	10900	16700
29	9800	35000	18300	21000
30	8000	7300	10500	8600
31	39000	19600	15900	24800
M	14300	20700	17100	17400

Note: I) 06:10 - 06:30 II) 11:10 - 11:30 III) 18:10 - 18:30 GMT

Number of condensation nuclei per 1 cm^3 of air.
2001

September

Data	I	II	III	M
1	19600	19600	19600	19600
2	4200	4400	5400	4700
3	7700	6200	6700	6900
4	18200	16900	28000	21000
5	28000	6200	10200	14800
6	7300	5600	13500	8800
7	10900	27500	15600	18000
8	12600	11700	19600	14600
9	6100	7400	17500	10300
10	6400	7700	8000	7400
11	8700	3900	10100	7600
12	8000	6400	9100	7800
13	7700	5600	16900	10100
14	28000	42500	21000	30500
15	5000	6700	21300	11000
16	4700	8700	10600	8000
17	11300	7300	8700	9100
18	14200	8000	15600	12600
19	15100	10100	24500	16600
20	30000	6200	29000	21700
21	41000	14600	10100	21900
22	21000	9400	14600	15000
23	5400	4900	19600	10000
24	9100	6200	9400	8200
25	4300	4000	8100	5500
26	15900	10200	82500	36200
27	22500	17500	10500	16800
28	12600	8000	15600	12100
29	16900	7300	28000	17400
30	4900	3000	5200	4400
M	13600	10100	17200	13600

October

Date	I	II	III	M
1	11400	16900	14100	14100
2	12600	8700	42000	21100
3	11700	12600	22500	15600
4	15900	22500	39500	26000
5	6700	8100	61000	25300
6	17500	16900	30000	21500
7	15000	8000	9400	10800
8	13100	19600	18900	17200
9	16900	11300	32300	20200
10	20400	14100	49500	28000
11	9400	8000	9100	8300
12	14600	13700	45000	24400
13	19600	10100	24000	17900
14	22500	22500	22500	22500
15	12600	15500	24000	17400
16	16900	10200	19600	15600
17	12200	9100	7400	9600
18	10900	6100	19900	12300
19	54000	16900	32000	34300
20	22500	18200	27000	22600
21	4100	5000	4900	4700
22	7000	9100	10100	8700
23	12600	5200	14600	10800
24	32500	33500	63000	43000
25	23500	25000	57000	35200
26	28000	21000	49500	32800
27	25000	14100	20300	19800
28	9400	8700	12600	10200
29	5200	11400	7300	8000
30	4000	6100	6400	5500
31	20400	13700	10900	15000
M	16400	13600	26000	18700

Note: I) 06:10 - 06:30 II) 11:10 - 11:30 III) 18:10 - 18:30 GMT

Number of condensation nuclei per 1 cm^3 of air.
2001

November

Data	I	II	III	M
1	3500	11700	8700	7900
2	10500	45000	64000	39800
3	24000	6700	5600	12100
4	4900	6700	30000	13800
5	4300	18900	11100	11400
6	21100	12200	11400	14900
7	3400	8100	11700	7700
8	19600	19600	13500	17500
9	5000	10100	8000	7700
10	8000	19600	78000	35200
11	11700	25000	7400	14700
12	7400	7400	15900	10200
13	8400	13700	17900	13300
14	9400	5600	42500	19100
15	24300	37000	7300	22800
16	10100	27000	18200	18400
17	12200	74000	6500	30900
18	3800	4700	6700	5000
19	5600	12600	13600	10600
20	9100	13700	78000	33600
21	12600	11700	7300	10500
22	4500	5100	6400	5300
23	5600	10900	8700	8400
24	4700	12200	5600	7500
25	2000	5600	5100	4200
26	6100	8700	74000	29600
27	14600	15600	8400	12800
28	10900	14100	9400	14400
29	11300	26000	19600	18900
30	9100	12900	6700	9500
M	9600	16700	20200	15500

December

Date	I	II	III	M
1	4700	6700	9100	6800
2	4700	9800	10200	8200
3	12200	10600	15900	12900
4	4500	5100	10200	6600
5	11800	14100	12200	12700
6	10900	17000	10500	12800
7	18900	22500	48000	29800
8	21000	26000	42000	29600
9	12900	28000	54000	31600
10	6400	12600	10900	9900
11	12600	14600	18900	15300
12	12200	4700	8700	8500
13	11800	12600	13100	12500
14	11700	5200	9400	8700
15	-	11700	9400	10500
16	-	17000	58500	37700
17	11800	42000	70500	41400
18	11700	17400	11800	13600
19	2200	10100	4700	5600
20	10500	9600	14600	11500
21	10100	12200	8700	10300
22	12600	11700	21800	15300
23	6100	8000	9400	7800
24	28000	5900	8700	14200
25	4300	4700	4000	4300
26	6600	8400	6700	7200
27	8700	7000	3600	6400
28	12200	22800	15600	16800
29	3000	5100	5200	4400
30	8700	4700	4300	59006
31	6700	20400	10900	12600
M	10300	13200	17500	13900

Note: I) 06:10 - 06:30 II) 11:10 - 11:30 III) 18:10 - 18:30 GMT

Meteorological elements January 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h	12 h	18 h	M
1	102.5	103.3	103.3	103.0	-2.0	-1.9	-3.5	-2.6	-0.1	-4.7	4.6	-8.4	4.8	4.7	4.3	4.6	90	89	90	90	W 1	W 1	C 0	0.7
2	98.4	95.6	95.5	96.5	-3.7	-0.2	0.2	-2.7	-0.6	-6.6	6.0	-13.9	4.0	5.4	5.7	5.0	86	89	91	88	SSE 2	SSE 3	S 2	2.3
3	96.0	97.4	98.6	97.3	0.4	0.8	0.7	0.5	0.8	0.2	0.6	-1.0	5.9	5.9	6.0	5.9	95	91	93	94	SSW 1	S 1	SSW 1	1.0
4	99.9	99.9	100.4	100.1	1.4	2.6	1.2	1.4	2.8	0.1	2.7	-1.1	6.8	7.1	6.7	6.9	100	97	100	99	C 0	C 0	S 1	0.3
5	99.3	98.6	95.3	97.7	0.6	1.4	0.4	0.7	1.6	0.1	1.5	-0.4	6.0	6.2	5.9	6.0	95	91	95	94	SSE 2	S 1	S 2	1.7
6	88.8	88.6	92.9	90.1	3.0	4.8	6.0	3.9	6.2	0.4	5.8	-1.5	7.2	8.3	8.4	8.0	95	97	90	94	SSE 2	SSE 1	SW 2	1.7
7	100.2	102.4	103.3	102.0	3.3	5.8	4.2	4.2	6.1	3.1	3.0	-0.1	7.6	9.1	8.0	8.2	98	99	97	98	C 0	SW 1	S 1	0.7
8	100.8	98.1	98.0	99.0	3.4	3.9	3.1	3.4	4.1	2.9	1.2	0.5	7.8	7.9	7.4	7.7	100	98	97	99	C 0	NNW 2	N 1	1.0
9	97.7	98.9	100.0	98.9	1.7	0.8	1.0	1.6	3.2	0.6	2.6	-1.8	6.7	6.0	6.2	6.3	97	93	95	96	NW 2	NW 2	NW 1	1.7
10	102.0	102.7	104.1	102.9	3.0	2.6	1.1	2.0	3.1	0.8	2.3	-2.8	7.1	7.1	6.2	6.8	94	97	93	94	W 2	NW 2	W 1	1.7
11	104.6	105.7	104.4	104.9	-1.8	0.2	-1.7	-1.2	0.9	-2.2	3.1	-4.8	5.1	4.0	4.3	4.5	96	65	80	84	NNW 1	NW 2	W 3	2.0
12	107.0	110.4	112.8	110.1	-1.6	0.7	-0.8	-0.9	1.1	-2.4	3.5	-6.5	4.7	4.5	5.1	4.8	87	70	88	83	W 2	NNW 4	NW 1	2.3
13	118.3	119.9	121.4	119.9	-3.9	-0.5	-1.9	-3.0	-0.1	-6.1	6.0	-11.9	4.4	5.1	5.2	4.9	96	87	98	94	C 0	N 1	C 0	0.3
14	122.0	122.9	123.1	122.7	-1.4	0.0	0.3	-2.1	0.3	-7.6	7.9	-11.4	5.3	6.0	5.8	5.7	97	98	93	96	NW 1	NW 1	WNW 1	1.0
15	122.5	122.2	122.0	122.2	0.2	1.0	0.2	0.4	1.1	0.1	1.0	-1.0	6.0	6.1	6.1	6.1	96	93	98	96	C 0	C 0	C 0	0.0
16	121.0	120.7	120.0	120.6	-0.3	0.1	-0.2	-0.2	0.3	-0.6	0.9	-1.5	5.6	5.3	5.4	5.4	94	86	89	91	C 0	N 1	E 1	0.7
17	118.8	118.0	117.6	118.1	-2.4	-1.8	-3.3	-2.4	-0.1	-3.6	3.5	-6.9	4.3	4.1	3.8	4.1	84	76	79	81	SE 1	S 2	SSE 2	1.7
18	118.7	117.8	118.1	118.2	-4.6	-0.8	-3.5	-3.7	-0.3	-6.3	6.0	-7.9	3.8	4.0	3.9	3.9	87	70	82	82	C 0	SSW 2	SE 1	1.0
19	118.2	119.1	118.3	118.5	-3.0	-2.1	-2.4	-3.5	-2.0	-6.6	4.6	-9.9	3.6	3.7	4.4	3.9	73	71	86	76	S 3	SE 3	S 2	2.7
20	118.6	118.1	118.6	118.4	-7.3	-1.8	-2.3	-4.7	-1.6	-7.5	5.9	-10.4	3.4	3.5	4.0	3.6	96	65	78	84	C 0	S 1	SE 1	0.7
21	120.3	122.0	121.1	121.1	-3.2	-2.3	-3.1	-3.0	-2.1	-3.5	1.4	-3.9	3.6	3.8	4.2	3.9	75	74	87	78	S 2	S 2	SE 2	2.0
22	118.9	117.0	114.7	116.9	-4.1	-4.1	-6.3	-4.9	-2.7	-6.6	3.9	-7.9	3.0	3.2	3.1	3.1	67	71	82	72	E 2	E 3	S 3	2.7
23	111.4	109.5	109.4	110.1	-7.0	-3.2	-4.6	-5.7	-3.1	-8.1	5.0	-8.9	2.6	2.7	2.8	2.7	71	57	63	66	E 3	SSE 4	SSE 3	3.3
24	107.5	104.7	102.4	104.9	-3.5	2.4	0.6	-1.0	2.9	-4.0	6.9	-5.1	3.7	4.5	4.6	4.3	78	62	72	72	SE 3	S 4	S 4	3.7
25	99.4	101.1	101.9	100.8	0.4	3.2	2.6	1.6	3.2	0.1	3.1	-1.5	5.9	7.4	7.0	6.8	95	97	95	96	S 2	S 2	S 2	2.0
26	96.4	96.3	96.6	96.4	1.5	4.4	3.3	2.1	4.4	-0.7	5.1	-2.7	6.5	7.4	7.4	7.1	95	88	95	93	ESE 2	SW 2	SW 1	1.7
27	93.7	92.2	91.0	92.3	1.2	3.6	2.6	2.1	4.0	0.6	3.4	-1.0	6.3	6.8	6.9	6.7	95	86	93	92	C 0	ESE 2	ESE 1	1.0
28	91.2	92.4	93.9	92.5	1.2	5.2	-1.4	0.9	5.4	-1.6	7.0	-4.3	6.3	5.8	5.0	5.7	95	66	90	86	C 0	SSW 2	C 0	0.7
29	97.3	99.2	103.0	99.8	-3.3	2.8	1.2	-0.9	3.5	-5.1	8.6	-7.0	4.7	5.6	6.0	5.4	99	75	90	91	S 1	SSW 1	SW 1	1.0
30	108.6	108.9	109.3	108.9	0.5	1.7	0.2	0.7	1.9	-0.4	2.3	-3.4	6.1	6.0	5.2	5.8	96	87	84	91	N 1	N 1	N 1	1.0
31	107.4	106.4	107.0	106.9	-0.2	0.6	-0.9	-0.3	0.8	-0.9	1.7	-2.6	5.5	6.4	5.0	5.6	91	100	87	92	NNW 1	NW 1	N 2	1.3
M	106.7	106.8	107.0	106.8	-1.0	1.0	-0.2	-0.5	1.5	-2.4	3.9	-4.9	5.3	5.6	5.5	5.5	91	83	89	88		1.2		1.8		1.4	1.5

Meteorological elements February 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h	12 h	18 h	M
1	107.4	106.3	106.2	106.6	-3.1	-2.6	-5.5	-3.9	-0.8	-6.1	5.3	-8.8	4.2	3.4	3.4	3.7	87	68	83	81	NW 2	NNE 3	ENE 1	2.0
2	103.0	101.9	102.6	102.5	-5.7	-4.5	-6.3	-6.2	-4.4	8.2	3.8	-11.9	3.6	3.9	3.6	3.7	90	89	94	91	E 1	NE 1	C 0	0.7
3	101.6	101.7	102.2	101.8	-7.2	-5.9	-11.1	-9.1	-6.3	-11.9	5.6	-19.5	3.5	3.4	2.6	3.2	98	85	99	95	SW 1	SW 1	C 0	0.7
4	100.4	99.8	102.1	100.8	-12.3	-4.3	-9.6	-10.1	-4.2	-14.2	10.0	-19.4	2.2	2.9	2.6	2.6	92	66	88	84	C 0	E 2	ENE 1	1.0
5	97.2	90.4	89.7	92.4	-7.4	-3.7	0.2	-3.6	0.4	-7.6	8.0	-12.9	3.2	4.4	6.0	4.5	91	94	96	93	ESE 2	S 4	S 2	2.7
6	94.5	99.0	100.8	98.1	2.8	6.5	4.6	3.6	6.7	0.1	6.6	-0.6	7.5	9.1	8.5	8.4	100	94	100	98	S 1	W 1	S 1	1.0
7	101.1	99.6	98.4	99.7	2.8	9.3	6.0	5.4	10.0	2.6	7.4	0.5	7.0	8.0	8.0	7.7	94	69	86	86	S 1	S 2	SSW 1	1.3
8	97.4	94.9	93.4	95.2	2.5	7.3	5.0	4.2	7.5	1.8	5.7	-1.8	7.1	8.5	8.1	7.9	97	83	93	92	C 0	S 2	S 2	1.3
9	95.5	97.1	101.6	98.1	3.7	10.8	4.7	5.3	11.5	1.3	10.2	-2.0	7.3	8.7	8.2	8.1	92	67	96	87	S 1	WSW 2	C 0	1.0
10	113.6	119.1	124.0	118.9	3.2	2.5	-0.2	2.0	4.7	0.1	4.6	-2.6	7.3	5.8	5.2	6.1	95	79	87	89	NW 2	NW 1	NW 1	1.3
11	129.3	127.6	126.3	127.7	-1.5	1.5	0.4	-0.2	2.5	-2.4	4.9	-5.0	4.9	4.6	4.9	4.8	90	68	79	82	C 0	SW 2	S 2	1.3
12	118.2	114.0	109.5	113.9	1.0	8.7	7.7	4.6	9.9	0.0	9.9	-2.0	5.3	7.1	7.9	6.8	81	63	75	75	S 2	SSW 2	WSW 2	2.0
13	108.7	111.6	113.6	111.3	6.4	6.0	5.3	6.2	8.2	5.1	3.1	2.6	7.9	6.8	7.0	7.2	82	72	79	79	NW 2	NNW 3	NNW 2	2.3
14	116.1	118.0	118.7	117.6	2.8	5.0	0.8	2.4	5.3	0.8	4.5	0.0	5.9	6.2	5.9	6.0	79	71	91	80	NW 1	N 2	W 1	1.3
15	116.6	116.5	116.1	116.4	1.6	3.6	1.5	1.7	3.6	0.0	3.6	-0.6	5.9	6.0	5.4	5.8	86	76	80	82	WNW 2	W 2	W 2	2.0
16	115.2	116.3	115.6	115.7	-3.5	4.9	0.1	-0.3	5.6	-3.5	9.1	-6.3	4.4	5.8	5.7	5.3	93	67	93	86	WNW 1	N 1	NE 2	1.3
17	118.8	120.8	120.5	120.0	0.4	5.7	-1.1	1.1	6.1	-0.9	7.0	-4.9	6.2	4.5	4.7	5.1	98	50	83	82	NE 1	NNE 2	C 0	1.0
18	105.8	102.8	106.9	105.2	0.2	1.2	-0.2	0.4	2.9	-1.5	4.4	-5.4	5.4	5.6	5.7	5.6	87	85	94	88	WNW 4	NW 5	N 3	4.0
19	112.6	108.9	106.7	109.4	-1.6	3.8	1.6	-0.1	4.1	-4.5	8.6	-14.9	5.3	3.9	5.2	4.8	98	48	77	80	W 1	NNW 4	NNW 1	2.0
20	101.6	101.7	103.2	102.2	0.4	2.5	1.6	1.2	2.5	0.2	2.3	-0.5	5.9	5.4	5.1	5.5	95	74	75	85	C 0	NNE 1	NNW 2	1.0
21	90.2	83.8	86.0	86.7	1.8	6.3	1.3	2.4	6.4	0.3	6.1	-1.7	6.5	6.1	6.2	6.3	93	64	93	86	W 3	NW 5	NW 3	3.7
22	79.6	79.1	79.7	79.5	-1.4	0.6	-0.6	-0.4	2.2	-1.9	4.1	-6.5	5.2	5.5	4.4	5.0	95	87	76	88	WNW 2	NW 5	NNW 2	3.0
23	79.4	81.2	85.3	82.0	-3.2	-0.4	-3.2	-2.4	0.1	-3.5	3.6	-7.1	4.5	3.8	3.6	4.0	93	64	75	81	W 2	N 2	N 1	1.7
24	91.3	94.2	96.2	93.9	-10.9	-3.4	-6.7	-7.8	-2.5	-11.3	8.8	-18.0	2.6	2.8	3.3	2.9	99	58	89	86	C 0	WNW 2	C 0	0.7
25	99.5	100.5	99.8	99.9	-13.1	-2.5	-5.5	-8.5	-0.6	-14.8	14.2	-19.6	2.0	3.5	3.1	2.9	88	68	77	80	C 0	W 2	SSW 1	1.0
26	96.9	94.9	93.7	95.2	-9.4	-0.1	-3.9	-5.6	0.9	-10.3	11.2	-15.9	2.4	3.0	2.7	2.7	80	50	59	67	S 1	S 3	SE 1	1.7
27	92.3	94.2	97.8	94.8	-5.7	0.0	-4.5	-4.1	0.8	-7.0	7.8	-13.1	3.4	3.6	3.9	3.6	85	58	89	79	C 0	NNW 2	C 0	0.7
28	99.5	98.2	95.4	97.7	-9.5	2.0	-1.1	-4.8	2.4	-11.2	13.6	-16.9	2.7	3.8	3.6	3.4	91	54	64	75	S 1	S 4	S 2	2.3
M	103.0	102.6	103.3	103.0	-2.4	2.2	-0.7	-1.0	3.0	-3.9	6.9	-7.7	5.0	5.2	5.2	5.1	91	70	85	84		1.2	2.4	1.3 1.6

Meteorological elements March 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h	12 h	18 h	M
1	89.9	87.2	86.4	87.8	-4.4	4.3	1.7	-1.0	4.9	-6.2	11.1	-12.1	3.2	4.2	6.4	4.6	72	51	93	72	SE 2	S 3	C 0	1.7
2	87.5	88.6	90.7	88.9	-1.8	5.2	0.6	0.6	5.5	-2.0	7.5	-5.4	5.1	5.6	5.8	5.5	96	63	91	86	SSW 1	S 2	C 0	1.0
3	87.5	84.5	86.1	86.0	-2.0	3.4	1.0	-0.2	3.5	-3.5	7.0	-7.1	4.9	5.6	6.5	5.7	92	72	98	88	SSE 1	SE 2	N 1	1.3
4	91.3	89.1	85.5	88.6	0.8	0.8	0.8	1.1	2.4	0.5	1.9	-0.5	6.4	6.1	6.1	6.2	98	95	95	96	C 0	SE 1	SE 1	0.7
5	93.0	99.2	107.7	100.0	0.7	1.4	-0.4	0.5	2.4	-0.6	3.0	-2.6	6.0	5.7	5.1	5.6	93	85	85	89	NW 1	NNE 2	N 2	1.7
6	117.3	118.3	116.6	117.4	-6.8	5.0	-2.0	-2.9	5.4	-8.2	13.6	-9.5	3.4	2.9	3.6	3.3	94	34	68	72	C 0	W 2	C 0	0.7
7	112.4	111.8	110.2	111.5	-6.3	7.3	-0.2	-1.4	7.9	-7.2	15.1	-8.6	3.6	5.1	5.2	4.6	94	50	87	81	S 1	W 2	SSE 2	1.7
8	105.2	102.7	100.5	102.8	-1.7	7.1	5.4	2.3	7.9	-2.5	10.4	-5.0	5.1	6.0	6.2	5.8	94	60	69	79	ESE 1	S 2	SSE 2	1.7
9	95.7	94.7	95.1	95.2	2.2	9.1	8.7	5.6	10.8	0.7	10.1	-2.4	5.3	5.9	7.9	6.4	74	51	70	67	SSE 1	S 3	W 1	1.7
10	98.3	96.5	96.1	97.0	4.8	12.9	9.3	7.8	13.2	4.1	9.1	-1.1	8.1	8.9	10.0	9.0	94	60	85	83	SSW 2	S 2	S 1	1.7
11	96.5	96.3	97.0	96.6	4.6	13.5	9.7	7.8	13.6	3.2	10.4	-1.0	8.2	9.4	9.3	9.0	97	61	77	8.3	S 1	SE 2	S 1	1.3
12	97.3	95.3	93.0	95.2	7.1	16.8	13.5	11.1	17.1	6.6	10.5	2.5	9.7	9.6	10.9	10.1	96	50	71	78	S 1	WSW 2	SSW 1	1.3
13	89.1	87.8	90.0	89.0	9.9	11.3	7.5	9.6	13.5	7.6	5.9	4.0	10.0	10.8	9.7	10.2	8.2	8.1	9.3	8.4	S 2	WNW 2	NW 1	1.7
14	88.6	90.1	92.6	90.4	4.6	7.7	3.8	6.0	11.6	4.0	7.6	-1.5	8.1	7.4	6.1	7.2	96	70	76	84	S 1	W 3	WSW 1	1.3
15	95.9	96.7	97.7	96.8	3.0	7.1	4.5	4.7	8.8	2.5	6.3	-2.5	6.5	6.9	7.3	6.9	86	68	87	82	C 0	W 2	NNW 1	1.0
16	102.0	101.5	97.5	100.3	1.7	6.7	3.8	3.2	8.0	-0.9	8.9	-4.1	6.6	6.0	6.3	6.3	95	62	79	83	WSW 2	S 2	S 1	1.7
17	97.2	96.4	94.8	96.1	-0.8	5.8	3.0	1.9	7.4	-2.0	9.4	-5.4	5.4	4.5	5.1	5.0	92	49	67	75	C 0	N 1	NNE 2	1.0
18	92.4	94.4	95.9	94.2	1.7	4.4	2.0	2.4	4.5	1.5	3.0	-0.6	6.0	4.7	5.1	5.3	87	56	72	76	N 2	NE 1	C 0	1.0
19	94.0	90.2	89.7	91.3	2.4	5.0	6.0	3.4	6.1	-0.7	6.8	0.0	5.7	8.0	8.9	7.5	79	91	96	86	ESE 2	S 3	SW 1	2.0
20	88.2	93.0	97.7	93.0	0.2	-0.4	-0.8	1.2	6.0	-0.7	6.7	-2.1	5.9	5.5	5.5	5.7	95	92	96	94	SW 1	NW 3	NW 2	2.0
21	99.4	98.9	98.0	98.8	-2.4	0.8	-1.2	-1.6	0.9	-3.5	4.4	-4.9	5.0	4.1	4.3	4.5	98	64	77	84	W 1	WNW 1	C 0	0.7
22	96.0	93.2	92.2	93.8	-5.5	2.9	-0.7	-2.8	3.0	-8.0	11.0	-11.9	3.8	4.0	4.1	4.0	95	54	70	78	C 0	SSW 1	C 0	0.3
23	97.6	100.6	100.9	99.7	-1.1	3.4	-0.8	-0.1	4.4	-3.0	7.4	-5.5	4.3	3.8	4.0	4.0	77	49	70	68	ENE 1	NE 2	NE 1	1.3
24	100.3	98.6	95.3	98.1	-1.9	2.7	-0.1	-0.4	4.1	-3.5	7.6	-5.4	3.5	4.2	6.0	4.6	66	56	98	72	SE 2	SSE 3	SE 2	2.3
25	92.0	91.1	91.1	91.4	-0.6	0.7	-0.5	-0.3	0.7	-0.9	1.6	-1.5	5.1	5.4	5.8	5.4	87	83	98	89	ENE 1	NE 2	NE 2	1.7
26	91.9	97.2	101.4	96.8	-3.4	0.2	-0.9	-1.8	0.8	-3.6	4.4	-4.0	4.0	3.8	3.7	3.8	84	61	65	74	E 3	NE 3	NNE 1	2.3
27	108.2	109.9	108.8	109.0	-4.5	1.6	-2.5	-3.0	2.5	-7.6	10.1	-16.4	3.7	3.3	3.8	3.6	85	49	74	73	NNE 2	ENE 2	C 0	1.3
28	110.6	110.1	110.3	110.3	-2.7	4.4	-1.3	-1.7	4.9	-7.6	12.5	-11.8	3.1	3.1	3.3	3.2	62	37	60	55	N 1	SE 3	C 0	1.3
29	108.8	106.2	104.2	106.4	-1.6	5.9	2.0	0.1	5.9	-6.1	12.0	-8.4	3.8	4.2	4.4	4.1	70	45	63	62	SSE 3	SSE 5	SSE 3	3.7
30	104.0	105.4	107.9	105.8	1.8	8.7	5.6	4.4	9.5	0.5	9.0	-0.5	5.7	6.7	6.3	6.2	82	60	69	73	S 2	S 4	SSE 2	2.7
31	111.5	113.2	114.3	113.0	3.0	10.4	8.0	5.5	10.5	0.5	10.0	-2.3	6.9	7.4	8.8	7.7	90	59	82	80	S 3	S 2	C 0	1.7
M	98.1	98.0	98.2	98.1	0.0	5.7	2.8	2.0	6.7	-1.5	8.2	-4.4	5.6	5.8	6.2	5.9	87	62	80	79	1.3	2.3	1.0	1.5

Meteorological elements April 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h		12 h		18 h		M
1	115.9	114.8	113.3	114.7	1.7	14.9	8.3	6.4	15.3	0.3	15.0	-3.0	6.9	7.1	7.4	7.1	100	42	67	77	S	1	SW	3	C	0	1.3
2	111.2	110.2	108.6	110.0	5.6	17.0	10.4	9.0	17.9	2.1	15.8	-1.6	7.8	9.3	8.7	8.6	86	48	69	72	SSW	1	NW	2	C	0	1.0
3	107.1	105.0	103.5	105.2	7.7	20.3	13.5	11.2	20.4	3.2	17.2	-0.5	9.4	9.4	8.8	9.2	89	40	57	69	S	1	S	4	S	1	2.0
4	104.2	102.2	97.8	101.4	8.2	18.1	13.5	11.5	19.6	4.7	14.9	0.0	8.5	11.0	8.8	9.4	78	53	57	66	SW	1	SE	1	SE	1	1.0
5	96.3	99.9	102.0	99.4	8.9	10.8	6.8	9.0	14.1	6.1	8.0	2.0	7.9	9.2	8.5	8.5	69	71	86	74	S	1	NW	2	C	0	1.0
6	101.3	99.7	99.4	100.1	5.0	14.1	7.3	7.4	14.6	2.9	11.7	-0.5	8.2	5.6	5.9	6.6	94	35	58	70	C	0	W	2	C	0	0.7
7	96.1	94.5	93.7	94.8	6.4	16.7	13.5	10.0	17.1	3.1	14.0	-3.0	7.8	10.3	10.0	9.4	81	54	65	70	S	2	SW	1	S	1	1.3
8	96.4	97.2	97.2	96.9	10.9	19.1	14.1	13.6	19.6	9.7	9.9	7.4	9.2	7.2	8.6	8.3	70	33	53	56	SSE	2	SSE	2	SE	1	1.7
9	100.1	103.7	104.4	102.7	8.2	5.9	5.3	8.2	14.2	5.3	8.9	4.5	10.2	8.6	8.4	9.1	94	93	94	94	NNW	3	N	3	NE	2	2.7
10	103.7	102.7	108.7	105.0	4.2	6.3	5.4	5.0	6.5	4.1	2.4	3.4	8.0	8.1	8.7	8.3	97	85	97	94	N	2	NE	2	ENE	1	1.7
11	102.4	103.6	103.6	103.2	4.8	7.1	7.2	6.1	7.9	4.6	3.3	4.0	8.3	8.7	8.9	8.6	97	87	88	92	N	1	N	1	C	0	0.7
12	101.4	101.8	101.5	101.6	4.4	8.1	4.2	4.6	9.7	0.3	9.4	-2.5	8.1	7.4	6.5	7.3	97	68	79	85	SW	1	WSW	2	W	1	1.3
13	99.1	98.2	98.4	98.6	1.6	2.8	1.4	2.0	4.9	0.3	4.6	-2.4	5.4	7.3	6.2	6.3	78	98	91	86	W	2	WNW	2	NW	1	1.7
14	98.7	99.2	100.5	99.5	1.8	2.0	0.6	1.8	4.1	0.6	3.5	-0.4	5.9	6.6	5.4	6.0	85	93	84	87	N	2	NNW	2	N	2	2.0
15	101.0	98.9	97.7	99.2	0.2	6.5	2.5	1.8	6.5	-2.0	8.5	-4.9	5.3	5.0	4.5	4.9	86	51	62	71	NW	1	WSW	3	S	1	1.7
16	96.6	97.9	98.9	97.8	2.8	4.6	4.0	3.1	5.8	-0.3	6.1	-4.4	5.1	7.3	7.3	6.6	68	87	89	78	SSW	2	S	1	C	0	1.0
17	100.6	99.2	98.4	99.4	3.8	9.2	6.9	6.3	11.3	3.1	8.2	-0.5	7.8	8.9	7.7	8.1	97	77	77	87	SSW	1	C	0	C	0	0.3
18	97.3	94.7	93.6	95.2	4.6	10.9	7.9	6.1	11.9	-0.1	12.0	-3.4	7.5	6.1	8.7	7.5	88	47	82	76	WNW	1	SSW	2	C	0	1.0
19	92.9	95.8	97.4	95.4	6.3	11.7	7.9	7.5	11.9	4.0	7.9	0.5	8.0	7.5	7.3	7.6	83	54	68	72	SW	1	NW	2	C	0	1.0
20	98.8	96.6	96.2	97.2	5.6	10.2	7.3	7.3	11.1	5.3	5.8	3.8	8.3	9.9	9.9	9.4	91	80	97	90	NE	2	NE	2	NE	2	2.0
21	91.7	88.3	87.6	89.2	6.5	10.3	10.9	8.8	11.6	6.1	5.5	5.9	9.4	11.6	12.6	11.2	97	93	96	96	N	2	NE	2	N	1	1.7
22	85.8	83.4	81.8	83.7	9.7	11.0	11.0	10.0	11.0	8.4	2.6	6.6	11.4	12.5	12.7	12.2	95	95	96	95	NE	1	N	1	NNE	1	1.0
23	85.4	88.4	91.1	88.3	5.8	8.1	7.7	7.4	11.0	5.1	5.9	3.4	9.1	9.4	9.5	9.3	99	87	91	94	SW	1	WNW	1	C	0	0.7
24	94.3	96.0	98.4	96.2	6.3	7.3	7.8	7.0	7.8	6.0	1.8	5.0	9.3	9.9	10.6	9.9	97	97	100	98	N	2	WNW	2	N	2	2.0
25	103.9	104.5	103.3	103.9	8.0	12.0	11.5	10.5	15.4	7.2	8.2	6.0	10.6	12.0	12.0	11.5	99	85	89	93	C	0	S	1	C	0	0.3
26	102.4	103.3	104.1	103.3	10.3	13.2	9.7	10.1	15.9	4.6	11.3	0.6	11.3	12.1	11.4	11.6	90	80	95	89	S	2	WNW	3	C	0	1.7
27	103.6	103.2	103.4	103.4	9.3	14.1	11.3	11.3	16.5	8.0	8.5	6.5	11.4	10.2	10.3	10.6	97	64	77	84	NW	2	NNW	1	C	0	1.0
28	101.9	99.9	99.8	100.5	9.7	16.9	12.9	10.8	18.3	2.1	16.2	-1.0	11.1	9.2	10.7	10.3	93	48	72	76	W	1	SSW	2	C	0	1.0
29	103.5	104.5	105.1	104.4	11.7	18.1	15.7	13.6	19.3	7.6	11.7	3.6	11.6	9.7	11.0	10.8	84	47	62	69	NW	2	N	1	C	0	1.0
30	107.2	106.5	105.5	106.4	16.1	26.4	21.2	18.1	26.5	8.7	17.8	4.5	12.0	10.1	12.2	11.4	66	29	49	52	S	3	S	4	E	2	3.0
M	100.0	99.8	99.8	99.9	6.5	11.8	8.9	8.2	13.2	4.0	9.2	1.3	8.7	8.9	9.0	8.9	88	67	78	80		1.5		1.9		0.7	1.4

Meteorological elements May 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h	12 h	18 h	M
1	106.7	106.1	104.5	105.8	17.1	26.4	21.6	19.8	27.9	12.5	15.4	7.4	12.6	12.7	14.1	13.1	65	37	55	56	S 2	S 3	C 0	1.7
2	107.2	107.6	107.0	107.3	13.0	20.8	14.9	15.2	21.3	11.8	9.5	8.3	12.5	8.1	8.5	9.7	84	33	50	63	N 1	N 1	N 1	1.0
3	105.6	101.7	98.6	102.0	12.3	20.3	16.5	13.1	20.9	2.6	18.3	-0.9	8.5	10.1	9.2	9.3	59	42	49	52	SSE 2	SSE 3	SSE 1	2.0
4	96.1	95.3	95.8	95.8	16.5	24.4	19.7	17.3	25.0	8.0	17.0	3.1	11.4	10.2	11.5	11.0	61	33	50	51	S 3	SSE 4	SSE 2	3.0
5	96.1	95.5	95.3	95.6	16.1	24.8	21.7	18.4	26.6	9.2	17.4	4.2	10.7	13.6	13.3	12.5	59	43	51	53	SSE 2	S 3	SSE 1	2.0
6	98.0	97.9	98.3	98.1	17.3	23.8	19.1	18.0	24.9	10.5	14.4	6.5	18.6	13.7	15.7	16.0	94	47	71	76	C 0	E 1	C 0	0.3
7	103.1	103.3	104.8	103.7	14.9	24.0	15.5	16.8	24.9	12.1	12.8	9.4	14.5	14.0	16.5	15.0	86	47	94	78	NE 1	NNE 2	NNE 1	1.3
8	108.0	108.4	109.1	108.5	14.5	20.3	16.1	16.0	21.6	11.6	10.0	9.0	12.5	11.5	9.2	11.1	76	48	50	62	NE 2	NE 2	NE 1	1.7
9	112.7	111.1	109.3	111.0	13.5	20.5	16.9	14.5	22.1	5.5	16.6	1.6	10.0	8.7	10.5	9.7	65	36	54	55	NE 2	SE 2	NE 1	1.7
10	109.5	106.2	103.7	106.5	15.3	21.6	18.3	15.8	23.2	6.6	16.6	2.5	11.9	10.4	9.2	10.5	69	40	44	56	WNW 1	NNE 3	NNE 3	2.3
11	102.9	102.3	103.0	102.7	10.7	16.0	13.5	12.8	18.4	8.7	9.7	6.5	7.3	8.0	7.5	7.6	57	44	49	52	NNE 3	NE 3	NNE 1	2.3
12	105.0	106.1	105.5	105.5	11.1	13.2	11.8	11.1	14.9	6.6	8.3	5.0	8.3	6.2	7.7	7.4	63	41	56	56	N 1	NW 3	C 0	1.3
13	103.9	102.5	101.1	102.5	9.3	17.3	13.9	11.1	19.1	2.2	16.9	-2.0	8.0	7.4	8.9	8.1	69	38	56	58	NNE 2	SW 2	C 0	1.3
14	101.0	99.0	97.6	99.2	14.5	23.4	17.9	15.2	23.9	4.5	19.4	0.5	11.3	11.1	9.2	10.5	69	38	45	55	SW 2	S 4	C 0	2.0
15	97.8	96.6	96.5	97.0	16.9	24.2	19.3	18.8	24.9	14.2	10.7	3.6	10.2	10.2	11.5	10.6	53	34	51	48	S 2	S 2	SW 1	1.7
16	97.6	99.5	99.6	98.9	16.7	16.1	17.9	17.8	23.4	13.2	10.2	10.5	14.8	17.2	16.9	16.3	78	94	82	83	WSW 1	W 1	C 0	0.7
17	100.5	99.5	98.2	99.4	17.8	27.9	22.0	19.6	28.4	10.3	18.1	6.3	14.6	13.2	16.1	14.6	72	35	61	60	S 2	S 2	S 1	1.7
18	97.6	93.2	97.3	96.0	19.3	20.7	14.1	17.8	25.1	12.6	12.5	8.0	16.5	21.0	15.1	17.5	74	86	94	82	C 0	NNE 1	N 2	1.0
19	102.7	103.3	105.1	103.7	11.7	15.2	12.9	13.2	16.2	11.8	4.4	8.6	12.0	8.3	8.9	9.7	87	48	60	70	N 1	NW 5	W 2	2.7
20	109.3	109.9	109.3	109.5	11.3	15.7	12.9	11.6	16.4	5.6	10.8	1.1	8.6	8.5	9.5	8.9	64	48	64	60	WNW 3	WNW 4	WNW 1	2.7
21	108.1	107.6	107.3	107.7	12.8	16.3	13.0	12.2	16.9	6.0	10.9	1.7	9.6	8.1	6.9	8.2	65	44	46	55	W 3	NW 4	N 2	3.0
22	109.8	110.4	111.0	110.4	9.2	13.7	10.9	8.4	14.4	-0.9	15.3	-4.4	6.8	5.3	7.2	6.4	58	34	55	51	N 2	N 2	C 0	1.3
23	114.7	114.0	111.9	113.5	10.5	17.9	15.1	11.0	19.7	-1.4	21.1	-3.9	6.9	6.7	8.9	7.5	55	33	52	49	N 1	WNW 2	C 0	1.0
24	109.6	107.0	103.8	106.8	15.5	22.8	18.6	15.5	23.7	4.2	19.5	0.9	10.2	9.4	10.9	10.2	58	34	51	50	WNW 2	WNW 3	WNW 1	2.0
25	102.8	103.4	105.5	103.9	15.1	19.5	15.5	14.1	19.7	6.2	13.5	2.2	10.6	10.2	6.3	9.0	62	45	36	51	NE 2	NE 2	NNE 3	2.3
26	111.0	110.4	108.8	110.1	9.2	15.5	12.8	9.7	17.1	-0.4	17.5	-3.7	7.3	5.7	6.5	6.5	63	33	44	51	NE 2	NE 2	C 0	1.3
27	106.7	103.1	101.4	103.7	13.5	22.9	21.9	16.0	23.5	5.1	18.4	0.0	9.3	10.4	11.1	10.3	60	37	42	50	S 1	SW 3	C 0	1.3
28	101.7	100.3	98.4	100.1	12.1	15.5	15.7	14.7	20.0	11.1	8.9	6.0	13.5	16.3	15.7	15.2	95	93	88	93	W 1	N 3	W 1	1.7
29	97.8	96.4	93.9	96.0	15.3	13.3	14.5	15.3	18.3	13.1	5.2	11.0	12.6	13.4	13.9	13.3	72	88	84	79	N 4	SW 1	WNW 2	2.3
30	96.0	97.7	98.6	97.4	11.7	11.1	11.5	12.0	15.1	9.8	5.3	9.6	12.5	11.7	12.0	12.1	91	88	89	90	W 3	N 3	WNW 2	2.7
31	100.9	100.2	97.9	99.7	8.1	12.9	12.1	10.8	15.4	7.5	7.9	6.5	9.1	9.8	10.5	9.8	85	66	75	78	N 1	N 2	C 0	1.0
M	103.9	103.1	102.5	103.2	13.6	19.3	16.1	14.6	21.1	7.8	13.3	4.0	11.1	10.7	10.9	10.9	70	49	60	62		1.8	2.5	1.0 1.8

Meteorological elements June 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h		12 h		18 h		M
1	98.9	98.7	98.9	98.8	11.6	16.7	13.5	11.6	17.1	4.1	13.0	2.5	9.1	8.4	10.9	9.5	67	44	71	62	NE	1	NNW	2	NW	1	1.3
2	98.3	96.5	93.9	96.2	11.9	17.2	13.9	13.8	18.9	10.6	8.3	9.0	12.8	10.3	12.9	12.0	92	52	81	79	SW	1	W	1	S	1	1.0
3	93.9	93.6	96.7	94.7	13.5	12.7	11.9	13.5	16.8	11.7	5.1	8.9	14.5	12.9	9.6	12.3	93	88	69	86	SSW	2	W	3	C	0	1.7
4	99.1	99.7	101.0	99.9	10.0	16.2	13.1	10.9	17.3	3.1	14.2	0.7	10.4	8.8	9.4	9.5	84	48	62	70	W	1	NW	2	WNW	1	1.3
5	104.9	105.0	104.7	104.9	12.2	16.8	15.0	13.3	18.7	7.2	11.5	3.6	10.2	9.9	11.2	10.4	72	52	65	65	NNW	2	NNW	3	NW	1	2.0
6	103.0	102.4	100.6	102.0	14.0	16.9	15.0	14.0	18.4	8.5	9.9	5.2	12.6	12.3	11.2	12.0	79	64	65	72	NW	1	N	2	C	0	1.0
7	100.8	99.7	98.8	99.8	15.9	21.3	18.3	15.8	22.1	7.0	15.1	4.0	11.5	10.1	13.5	11.7	64	40	64	58	NW	1	W	2	C	0	1.0
8	100.0	98.4	99.9	99.4	17.1	22.4	16.1	17.0	22.9	11.8	11.1	6.5	16.1	13.2	16.8	15.4	83	49	92	77	S	1	SW	2	C	0	1.0
9	99.2	101.5	102.4	101.0	12.3	16.5	14.7	14.4	18.5	12.1	6.4	9.0	14.0	11.7	12.6	12.8	98	63	76	84	NW	1	N	2	C	0	1.0
10	104.0	102.7	100.9	102.5	12.5	17.9	16.0	14.3	19.0	9.8	9.2	8.5	12.2	10.8	11.1	11.4	85	53	61	71	C	0	SSE	2	SSE	1	1.0
11	96.6	97.9	101.0	98.5	12.7	13.1	10.7	12.5	15.9	10.6	5.3	10.0	13.7	14.1	11.3	13.0	93	93	88	92	WSW	1	WNW	2	WNW	2	1.7
12	105.4	104.8	102.6	104.3	10.1	15.6	11.7	11.2	16.4	6.4	10.0	3.2	10.6	9.8	12.0	10.8	86	55	87	78	WSW	1	WSW	3	C	0	1.3
13	105.6	105.3	104.0	105.0	11.1	15.7	14.7	12.9	17.4	8.4	9.0	8.0	10.8	8.8	9.8	9.8	82	49	59	68	W	2	SSW	2	C	0	1.3
14	104.0	102.7	101.5	102.7	14.9	20.5	18.2	14.6	21.4	3.7	17.7	1.0	11.4	9.5	11.2	10.7	67	39	54	57	S	1	NNW	2	N	1	1.3
15	103.1	102.9	102.4	102.8	16.1	21.1	18.8	16.2	22.6	7.2	15.4	4.3	11.2	9.9	12.8	11.3	61	40	59	55	C	0	NE	1	C	0	0.3
16	101.6	100.3	98.9	100.3	16.8	24.6	19.3	17.4	24.6	9.0	15.6	5.4	12.5	11.0	15.0	12.8	65	35	67	58	S	2	S	3	C	0	1.7
17	96.8	95.6	94.7	95.7	17.7	20.5	18.0	18.0	21.3	15.0	6.3	12.0	17.0	17.5	19.3	17.9	84	73	93	84	S	2	S	1	C	0	1.0
18	95.2	96.9	98.9	96.8	16.6	16.9	17.7	17.6	20.8	15.1	5.7	13.5	17.8	18.1	15.4	17.1	94	94	76	90	C	0	N	1	N	1	0.7
19	102.2	103.7	104.6	103.5	14.7	17.3	17.5	15.6	19.1	11.2	7.9	10.5	12.6	14.6	15.9	14.4	76	74	79	76	NNE	2	NNE	2	NNE	1	1.7
20	105.4	103.6	102.8	103.9	17.3	22.8	19.1	18.6	23.3	14.5	8.8	13.0	15.3	13.3	15.1	14.6	77	48	68	68	N	1	N	2	N	1	1.3
21	100.8	97.6	96.0	98.1	15.9	22.8	19.0	17.2	23.5	10.3	13.2	6.9	12.5	14.4	15.2	14.0	69	52	69	65	NE	1	N	2	C	0	1.0
22	93.8	92.3	92.5	92.9	14.7	17.3	14.7	15.4	18.9	13.3	5.6	11.6	14.6	12.8	11.7	13.0	88	65	70	78	NW	1	W	3	NW	1	1.7
23	91.7	89.2	89.1	90.0	12.2	12.7	14.2	13.1	14.8	11.1	3.7	10.1	12.1	14.3	15.5	14.0	85	98	96	91	W	2	SW	2	NNW	1	1.7
24	96.9	99.8	101.6	99.4	14.0	15.7	19.3	17.2	22.0	13.6	8.4	13.0	15.6	17.5	15.3	16.1	98	98	69	91	NNW	1	N	2	NNW	2	1.7
25	104.8	105.9	105.7	105.5	17.1	23.3	17.5	17.8	23.8	12.6	11.2	9.7	14.4	14.8	14.8	14.7	74	52	74	68	NNW	3	NW	3	NW	2	2.7
26	106.4	104.2	104.2	104.9	16.1	23.0	15.9	16.7	23.9	10.9	13.0	7.5	15.9	14.3	17.0	15.7	87	51	94	80	W	2	N	3	C	0	1.7
27	104.4	102.8	102.4	103.2	16.9	24.2	19.3	17.6	25.3	9.0	16.3	6.5	16.6	13.1	15.3	15.0	86	43	69	71	NNE	1	WNW	2	NNE	2	1.7
28	103.9	104.2	104.8	104.3	18.3	24.6	21.9	19.4	25.7	11.6	14.1	9.0	16.0	13.2	12.8	14.0	76	43	49	61	NNE	1	NNE	1	C	0	0.7
29	107.0	106.6	108.1	107.2	19.9	25.8	18.7	19.6	26.5	13.1	13.4	6.9	13.8	11.2	16.9	14.0	60	34	78	58	S	2	S	1	N	1	1.3
30	109.1	109.1	106.9	108.4	19.1	16.7	19.1	19.8	25.9	14.9	11.0	12.2	16.6	18.2	20.1	18.3	75	96	91	84	N	1	S	1	C	0	0.7
M	101.2	100.8	100.7	100.9	14.8	19.0	16.4	15.6	20.8	10.2	10.6	7.7	13.5	12.6	13.7	13.3	80	60	73	73		1.3		2.0		0.7	1.3

Meteorological elements July 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h		12 h		18 h		M
1	110.1	104.4	104.5	106.3	19.9	25.7	19.1	19.8	26.4	13.6	12.8	11.5	17.9	17.1	16.0	17.0	77	52	73	70	S	1	SSW	1	W	2	1.3
2	107.9	108.4	109.4	108.6	13.7	18.4	15.8	15.6	19.3	14.0	5.3	13.2	14.7	16.3	16.8	15.9	94	77	94	90	NW	2	NW	1	NW	1	1.3
3	110.0	109.4	108.4	109.3	14.5	19.6	19.3	16.9	21.0	12.7	8.3	11.9	16.0	18.1	19.3	17.8	97	80	86	90	N	2	NE	1	N	1	1.3
4	107.5	106.3	105.4	106.4	19.9	25.8	17.6	19.6	26.0	15.1	10.9	12.5	19.1	20.0	18.8	19.3	82	60	93	79	E	1	N	3	C	0	1.3
5	106.5	105.8	105.3	105.9	18.1	26.8	23.2	20.5	27.9	12.8	15.1	11.0	18.8	18.4	18.6	18.6	91	52	66	75	C	0	NW	1	SW	1	0.7
6	106.3	105.4	104.6	105.4	19.0	28.8	24.3	21.7	29.2	14.3	14.9	11.8	19.9	16.6	19.1	18.5	91	42	63	72	SSE	1	S	1	C	0	0.7
7	103.4	100.1	97.3	100.3	21.8	30.1	26.4	23.4	30.4	15.2	15.2	12.6	22.1	17.7	19.8	19.9	85	41	58	67	SE	2	SSW	3	S	1	2.0
8	94.9	95.2	96.7	95.6	22.6	23.4	20.5	21.5	26.1	16.9	9.2	14.6	19.7	24.3	19.1	21.0	72	85	79	77	S	1	C	0	W	1	0.7
9	96.5	97.2	97.8	97.2	18.3	19.4	18.7	19.0	22.0	17.0	5.0	14.2	19.8	21.1	20.3	20.4	94	94	94	94	WSW	1	W	2	C	0	1.0
10	99.0	100.6	100.8	100.1	17.3	22.2	20.3	19.3	22.9	16.8	6.1	15.4	19.0	16.7	19.4	18.4	96	63	82	84	SW	2	W	2	C	0	1.3
11	101.5	99.5	99.3	100.1	20.2	29.1	22.4	21.6	29.4	14.2	15.2	11.1	19.3	18.1	18.2	18.5	82	45	67	69	SE	1	S	3	W	2	2.0
12	103.0	102.7	101.9	102.6	16.4	24.1	19.3	19.0	24.9	15.2	9.7	14.0	17.3	12.4	14.8	14.8	93	41	66	73	W	2	W	2	C	0	1.3
13	101.6	100.3	101.3	101.1	17.4	25.6	21.8	19.3	26.9	11.1	15.8	8.1	15.6	12.7	17.4	15.2	78	39	67	66	S	2	S	4	C	0	2.0
14	102.5	101.4	101.2	101.7	22.8	29.8	26.5	24.4	31.4	17.0	14.4	13.0	16.9	18.7	22.4	19.3	61	45	65	58	SSE	1	SSW	2	C	0	1.0
15	103.4	102.0	100.6	102.0	25.0	33.6	28.9	26.5	34.5	17.7	16.8	15.5	23.2	21.9	21.4	22.2	73	42	54	60	SSE	2	S	4	S	1	2.3
16	100.4	98.7	96.7	98.6	26.7	34.2	29.8	28.0	35.4	20.0	15.4	16.7	24.8	19.3	21.2	21.8	71	36	51	57	SE	2	SSW	2	S	2	2.0
17	98.5	95.3	93.6	95.8	20.5	25.6	17.5	21.2	29.5	17.2	12.3	15.0	19.5	21.7	19.2	20.1	81	66	96	81	S	1	N	2	W	3	2.0
18	91.5	94.2	96.0	93.9	19.5	17.9	16.3	18.6	22.4	16.1	6.3	15.5	20.6	17.4	17.0	18.3	91	85	92	90	SSE	2	WSW	1	SW	1	1.3
19	97.9	98.1	97.7	97.9	17.1	25.1	21.9	19.2	26.4	11.2	15.2	8.6	16.5	15.5	17.7	16.6	85	49	68	72	S	1	SE	2	C	0	1.0
20	98.2	96.0	93.8	96.0	19.9	29.2	22.0	22.3	29.8	17.5	12.3	15.0	21.3	17.2	20.5	19.7	92	42	78	76	C	0	SSW	3	S	1	1.3
21	96.7	99.3	101.0	99.0	17.1	21.9	18.9	18.3	22.4	14.7	7.7	13.5	19.1	20.2	21.4	20.2	98	77	98	93	W	1	N	1	NE	1	1.0
22	104.3	105.6	104.2	104.7	17.1	22.2	22.1	20.1	24.4	16.7	7.7	16.3	18.7	21.6	19.2	19.8	96	81	72	86	N	3	NNE	3	N	2	2.7
23	103.1	102.8	101.3	102.4	18.7	23.6	22.6	21.0	24.4	18.1	6.3	17.3	19.5	21.3	20.5	20.4	91	73	75	82	N	3	N	2	NE	3	2.7
24	99.3	98.4	96.1	97.9	19.9	24.9	22.8	21.9	25.9	19.0	6.9	17.3	22.4	22.8	22.1	22.4	96	72	80	86	NE	1	NNE	3	N	2	2.0
25	97.4	98.5	98.5	98.1	19.4	22.8	22.7	21.1	24.8	17.6	7.2	17.0	20.1	20.8	22.6	21.2	89	75	82	84	E	2	ENE	1	C	0	1.0
26	99.0	99.1	99.4	99.2	19.4	23.6	20.9	20.7	25.9	16.6	9.3	16.1	21.5	21.7	22.3	21.8	95	75	90	89	NNE	1	NNE	1	NNW	1	1.0
27	100.7	101.2	101.2	101.0	19.2	20.7	20.7	20.3	22.7	18.5	4.2	17.6	21.2	23.5	23.5	22.7	95	96	96	96	NNW	1	NNW	1	NW	1	1.0
28	104.3	104.7	105.2	104.7	19.5	26.7	24.5	22.0	27.8	16.0	11.8	14.2	19.0	18.5	20.5	19.3	84	53	67	72	ENE	2	NNE	3	N	2	2.3
29	107.9	107.2	106.2	107.1	20.2	28.1	23.4	22.4	28.9	17.0	11,9	15.0	19.7	18.8	23.0	20.5	83	50	80	74	N	1	NE	1	C	0	0.7
30	107.5	107.5	107.1	107.4	20.8	28.8	24.0	22.5	29.4	15.7	13.7	13.5	22.0	18.3	21.2	20.5	89	46	71	74	NW	2	WNW	2	NW	1	1.7
31	107.9	107.5	105.7	107.0	20.3	25.0	22.2	21.0	26.6	14.9	11.7	13.0	19.6	19.7	20.8	20.0	82	62	78	76	NW	1	NW	1	C	0	0.7
M	102.2	101.7	101.2	101.7	19.5	25.2	21.8	20.9	26.6	15.8	10.8	13.9	19.5	19.0	19.8	19.4	87	61	77	78		1.5		1.9		1.0	1.4

Meteorological elements August 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h	12 h	18 h	M
1	105.9	107.0	107.5	106.8	18.3	22.0	18.9	19.0	22.9	16.0	6.9	15.5	16.8	15.5	14.2	15.5	80	59	65	71	N 2	N 3	NW 1	2.0
2	109.9	109.3	107.9	109.0	16.6	20.6	17.7	16.9	22.3	11.1	11.2	7.9	13.3	12.6	14.1	13.3	71	52	70	66	N 2	NW 1	C 0	1.0
3	107.2	104.8	102.1	104.7	18.2	25.6	24.4	19.8	26.9	9.7	17.2	7.0	14.5	15.6	18.4	16.2	69	47	60	61	S 2	SE 3	S 1	2.0
4	102.1	103.0	102.7	102.6	22.2	27.0	23.8	23.4	27.6	20.0	7.6	18.4	23.6	21.8	23.8	23.1	88	61	81	80	W 1	C 0	N 1	0.7
5	103.9	103.9	104.1	104.0	17.5	18.9	16.1	18.4	23.8	16.1	7.7	14.1	19.6	18.6	16.5	18.2	98	85	90	93	N 1	WNW 2	C 0	1.0
6	104.1	105.1	104.4	104.5	17.1	20.8	17.9	17.3	22.1	12.2	9.9	9.4	16.5	13.0	14.5	14.6	85	53	71	74	WSW 1	NW 2	C 0	1.0
7	102.2	99.8	98.7	100.2	17.3	25.3	18.8	18.4	25.9	11.4	14.5	8.4	15.3	16.6	17.9	16.6	77	51	83	72	S 1	W 2	SSW 1	1.3
8	101.6	100.2	99.4	100.4	18.3	26.2	23.2	20.5	26.7	13.7	13.0	11.0	18.7	19.1	19.7	19.2	89	56	69	76	S 1	S 2	C 0	1.0
9	102.7	104.0	104.6	103.8	19.5	25.3	20.7	20.9	26.0	17.5	8.5	16.7	21.2	19.5	18.2	19.6	94	60	74	80	WSW 2	W 2	C 0	1.3
10	104.6	103.5	106.1	104.7	19.1	17.3	17.2	18.5	20.5	17.1	3.4	12.5	19.5	18.2	18.3	18.7	88	92	93	90	C 0	N 3	C 0	1.0
11	109.8	110.3	110.0	110.0	15.8	19.5	16.0	16.3	20.4	13.1	7.3	11.0	15.8	13.1	14.1	14.3	88	58	78	78	WSW 1	WNW 2	C 0	1.0
12	111.2	109.7	107.3	109.4	14.0	19.9	15.7	14.9	20.8	9.1	11.7	5.5	12.8	11.1	12.6	12.2	80	48	71	70	NNE 2	WNW 2	C 0	1.3
13	103.6	102.2	101.7	102.5	13.9	20.6	18.7	16.5	23.3	10.2	13.1	7.4	13.2	15.0	18.4	15.5	83	62	85	78	SSW 2	WSW 1	C 0	1.0
14	105.1	107.3	108.5	107.0	17.7	21.3	20.3	19.3	22.4	16.7	5.7	15.0	18.7	19.8	20.9	19.8	92	78	88	88	WNW 1	W 1	SSW 1	1.0
15	111.2	111.0	110.0	110.7	20.5	27.4	23.2	22.5	28.3	18.0	10.3	15.1	20.7	21.1	21.8	21.2	86	58	77	77	C 0	C 0	C 0	0.0
16	110.2	108.2	106.5	108.3	20.9	29.2	24.4	22.7	29.5	16.0	13.5	12.0	19.0	21.2	23.2	21.1	77	52	76	70	S 2	S 3	C 0	1.7
17	106.2	105.2	104.4	105.3	21.6	30.6	25.2	24.1	31.1	18.4	12.7	14.3	22.7	21.1	22.6	22.1	88	48	71	74	S 2	SSW 2	S 1	1.7
18	105.9	105.6	103.7	105.1	20.6	28.2	24.2	23.3	29.4	19.0	10.4	15.5	22.1	24.2	24.2	23.5	91	63	80	81	C 0	NNW 1	C 0	0.3
19	103.7	102.1	101.3	102.4	21.4	30.2	23.8	23.1	30.9	16.4	14.5	13.0	21.3	16.5	18.8	18.9	84	38	64	68	S 1	S 1	C 0	0.7
20	101.6	100.9	101.0	101.2	20.7	31.2	23.4	23.6	31.2	19.0	12.2	11.6	20.2	16.7	19.5	18.8	83	37	68	68	S 1	S 2	C 0	1.0
21	103.7	103.9	104.5	104.0	20.0	30.2	23.2	22.4	30.9	15.7	15.2	12.9	19.0	19.1	17.6	18.6	81	45	62	67	SSE 1	SSE 2	C 0	1.0
22	107.7	107.8	107.8	107.8	18.5	28.4	22.6	21.3	29.3	14.8	14.5	11.9	18.5	19.1	18.9	18.8	87	49	69	73	C 0	NNE 1	N 1	0.7
23	111.1	110.7	110.2	110.7	17.7	25.0	18.7	19.6	25.4	16.5	8.9	11.7	15.4	10.7	12.9	13.0	76	34	60	62	NE 2	NE 2	C 0	1.3
24	110.6	109.6	108.8	109.7	16.5	23.8	18.5	17.4	25.4	9.2	16.2	5.5	16.5	13.3	14.1	14.6	88	45	66	72	S 1	E 1	C 0	0.7
25	108.0	107.5	106.7	107.4	17.1	26.4	21.1	19.0	27.4	10.4	17.0	6.8	16.9	17.5	17.9	17.4	87	51	72	74	S 1	W 2	C 0	1.0
26	108.3	107.5	106.4	107.4	16.7	26.8	19.6	18.8	27.2	11.8	15.4	7.7	16.0	14.7	15.5	15.4	84	42	68	70	N 1	W 2	C 0	1.0
27	102.8	97.7	91.7	97.4	17.1	29.6	24.0	21.0	29.9	13.1	16.8	9.0	16.1	16.9	17.9	17.0	83	41	60	67	S 1	W 2	W 4	2.3
28	98.2	98.0	96.7	97.6	12.9	15.7	12.1	15.0	23.5	11.6	11.9	9.2	12.3	12.9	13.1	12.8	83	73	93	83	W 3	W 1	W 1	1.7
29	92.8	98.2	100.8	97.3	11.5	15.5	15.3	13.9	18.1	10.6	7.5	9.7	12.9	12.1	15.1	13.4	95	69	87	86	N 1	N 3	NW 1	1.7
30	105.7	105.2	104.2	105.0	10.3	20.2	13.9	12.9	20.8	6.5	14.3	3.3	12.0	13.1	14.1	13.1	96	55	89	84	NNE 1	SE 2	C 0	1.0
31	103.7	102.5	102.1	102.8	10.7	22.1	15.1	14.0	22.1	8.0	14.1	2.9	12.2	12.2	12.4	12.3	95	46	72	77	S 1	S 3	C 0	1.3
M	105.3	104.9	104.3	104.8	17.4	24.2	19.9	19.2	25.5	13.8	11.7	10.7	17.2	16.5	17.5	17.1	85	55	75	75	1.2	1.8	0.4	1.1

Meteorological elements September 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h	12 h	18 h	M
1	98.8	97.6	97.5	98.0	11.3	20.7	15.1	14.0	21.5	7.9	13.6	4.1	11.7	15.4	16.4	14.5	88	63	96	84	SE 1	S 2	C 0	1.0
2	95.6	97.1	97.7	96.8	13.7	16.7	14.5	14.7	16.9	13.7	3.2	13.1	15.3	15.5	15.8	15.5	98	82	96	94	N 1	NW 2	NNW 3	2.0
3	100.4	100.2	100.3	100.3	11.5	16.7	16.5	14.0	18.1	9.7	8.4	7.4	13.2	15.1	16.4	14.9	97	80	88	90	S 1	WNW 1	WSW 1	1.0
4	97.8	96.3	96.9	97.0	16.1	21.3	18.1	17.8	22.3	14.6	7.7	10.5	16.2	15.8	17.1	16.4	88	62	82	80	SSW 1	SW 2	C 0	1.0
5	96.5	95.5	95.9	96.0	15.5	18.1	16.7	16.4	18.9	14.5	4.4	12.8	16.8	17.9	17.0	17.2	96	86	90	92	C 0	C 0	NE 1	0.3
6	95.5	96.2	96.2	96.0	15.5	17.7	15.5	16.1	18.9	14.6	4.3	11.2	17.2	17.0	15.2	16.5	98	84	86	92	NNE 3	N 2	NNE 1	2.0
7	96.4	94.5	94.1	95.0	14.1	18.1	15.1	15.3	19.3	12.6	6.7	8.0	15.0	14.4	12.8	14.1	93	69	74	82	NNW 1	NW 4	C 0	1.7
8	89.0	84.2	83.9	85.7	11.7	13.5	10.7	11.4	15.4	7.9	7.5	2.5	12.9	14.4	12.4	13.2	94	93	96	94	SW 1	SSW 2	C 0	1.0
9	86.1	87.2	86.7	86.7	9.2	13.7	9.5	10.4	14.9	8.2	6.7	5.0	9.9	9.2	8.9	9.3	85	59	75	76	WSW 2	WSW 3	SW 2	2.3
10	84.5	86.7	89.1	86.8	10.1	11.5	11.0	10.5	11.5	9.3	2.2	6.6	11.1	10.9	10.8	10.9	90	81	83	86	WSW 3	W 4	W 3	3.3
11	93.6	96.7	98.0	96.1	11.3	14.3	11.9	11.8	14.4	9.7	4.7	7.0	12.4	12.9	12.2	12.5	93	79	88	88	SSW 2	WNW 1	C 0	1.0
12	92.9	93.3	96.1	94.1	10.3	12.6	11.7	11.2	13.4	9.4	4.0	6.6	11.6	11.7	12.1	11.8	92	80	88	88	NNW 1	NW 2	W 1	1.3
13	99.4	99.0	97.3	98.6	10.7	16.2	12.7	12.4	16.9	9.2	7.7	5.0	12.4	12.8	12.9	12.7	96	69	88	87	SW 2	WSW 2	S 2	2.0
14	95.1	96.8	97.9	96.6	12.3	17.7	15.7	14.8	19.3	11.8	7.5	10.6	13.0	15.4	15.3	14.6	91	76	86	86	S 2	S 1	C 0	1.0
15	98.9	100.5	100.6	100.0	12.6	15.3	13.5	13.6	15.9	12.6	3.3	11.2	14.1	14.6	14.5	14.4	97	84	93	93	C 0	C 0	C 0	0.0
16	94.3	93.0	94.1	93.8	12.8	16.1	12.7	13.5	16.5	12.1	4.4	9.0	14.3	16.8	14.0	15.0	97	92	96	96	C 0	SE 1	SE 1	0.7
17	99.2	100.6	100.3	100.0	10.9	15.1	13.3	12.8	16.2	10.7	5.5	9.5	12.4	12.4	13.8	12.9	95	72	90	88	SSE 1	C 0	E 1	0.7
18	97.9	99.6	102.8	100.1	14.3	15.7	12.3	14.2	16.9	13.1	3.8	8.6	15.8	15.7	12.7	14.7	97	88	89	93	SSE 2	SSE 2	S 1	1.7
19	108.1	111.1	110.1	109.8	10.7	14.3	10.0	11.7	16.1	10.1	6.0	6.4	12.6	13.2	11.7	12.5	98	81	95	93	WSW 1	S 1	C 0	0.7
20	107.9	107.9	107.4	107.7	8.4	18.1	11.9	11.0	18.1	5.5	12.6	2.5	10.9	14.0	13.0	12.6	99	68	93	90	C 0	SSE 2	C 0	0.7
21	106.9	104.0	102.9	104.6	11.1	17.3	15.4	13.2	18.3	8.0	10.3	4.2	12.3	14.2	14.7	13.7	93	72	84	86	S 2	S 3	S 2	2.3
22	103.3	103.6	103.1	103.3	11.0	17.5	13.1	13.1	17.5	10.8	6.7	10.1	12.7	13.4	13.7	13.3	96	67	91	88	SSE 1	S 1	C 0	0.7
23	101.4	101.8	101.5	101.6	11.3	13.6	10.1	11.7	15.4	10.1	5.3	6.9	13.1	12.9	11.3	12.4	98	83	92	93	S 1	NW 1	C 0	0.7
24	100.6	100.2	103.6	101.5	9.8	15.3	11.3	11.0	15.8	7.1	8.7	4.0	11.7	13.1	12.0	12.3	96	75	90	89	NNE 1	ENE 2	NNE 1	1.3
25	103.3	105.7	107.3	105.4	11.1	9.0	7.7	9.6	11.8	7.6	4.2	5.7	11.7	8.9	8.1	9.6	88	78	77	83	NNE 2	NNE 2	NNE 1	1.7
26	110.7	109.6	110.0	110.1	1.2	11.2	5.1	4.6	12.9	-0.6	13.5	-3.3	6.3	7.8	7.9	7.3	95	59	90	85	C 0	C 0	C 0	0.0
27	110.1	108.7	106.9	108.6	5.4	10.6	7.2	6.4	10.6	2.2	8.4	-1.5	8.4	8.4	7.7	8.2	94	66	76	82	C 0	S 2	S 2	1.3
28	99.8	99.8	105.4	101.7	4.7	6.9	4.5	5.2	7.1	4.5	2.6	0.5	8.4	9.4	8.0	8.6	99	95	95	97	SE 1	NE 2	C 0	1.0
29	108.3	107.8	107.6	107.9	4.5	12.7	7.9	6.7	13.4	1.1	12.3	-1.4	8.3	12.1	10.1	10.2	98	82	95	93	SSW 1	C 0	C 0	0.3
30	109.1	109.6	107.0	108.6	8.9	13.1	10.7	9.4	13.3	4.7	8.6	1.7	10.8	10.9	10.7	10.8	95	72	84	86	SSE 1	S 3	S 2	2.0
M	99.4	99.5	99.9	99.6	10.7	15.0	12.0	12.0	15.9	9.1	6.8	6.2	12.4	13.2	12.6	12.7	94	77	88	88	1.2	1.7	0.8	1.2

Meteorological elements October 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h		12 h		18 h		M
1	102.6	101.8	99.4	101.3	10.1	18.1	15.5	13.5	18.9	9.6	9.3	7.2	11.5	14.7	15.6	13.9	93	71	89	86	S	1	SSW	2	SSW	1	1.3
2	98.2	100.7	100.0	99.6	13.9	19.8	15.3	15.9	20.4	13.9	6.5	12.1	15.4	13.6	14.9	14.6	97	59	86	85	W	1	W	3	S	1	1.7
3	98.6	99.3	97.4	98.4	17.0	23.2	18.3	18.5	23.9	14.9	9.0	11.5	16.6	18.8	18.7	18.0	86	66	89	82	SSW	2	SSW	1	WSW	1	1.3
4	100.6	100.5	102.5	101.2	14.4	14.9	11.3	14.0	19.0	11.2	7.8	10.0	15.5	14.0	128	14.1	95	83	95	92	C	0	N	1	C	0	0.3
5	105.3	105.1	104.8	105.1	11.5	14.9	9.8	11.7	15.3	10.1	5.2	6.0	12.9	12.8	11.4	12.4	95	76	94	90	C	0	W	2	C	0	0.7
6	104.8	104.9	105.1	104.9	6.5	16.4	10.0	9.8	16.9	5.6	11.3	3.6	9.5	12.5	10.9	11.0	99	67	89	88	C	0	S	2	C	0	0.7
7	104.1	104.0	103.6	103.9	8.1	15.1	14.9	11.2	16.9	4.7	12.2	1.2	10.5	14.0	14.5	13.0	97	82	86	90	S	1	S	2	S	2	1.7
8	101.4	101.3	102.1	101.6	13.6	19.0	14.9	15.0	19.9	11.8	8.1	9.4	15.1	17.8	16.0	16.3	97	81	95	92	S	2	S	3	SSW	2	2.3
9	103.1	104.7	106.8	104.9	13.9	18.9	12.2	14.6	20.8	11.6	9.2	7.5	15.5	17.9	13.2	15.5	98	82	93	93	C	0	NW	3	C	0	1.0
10	108.2	109.1	109.9	109.1	13.1	17.4	10.4	12.9	17.4	10.6	6.8	5.5	14.7	14.0	11.4	13.4	98	70	90	89	S	1	NW	2	C	0	1.0
11	107.9	109.1	111.0	109.3	11.6	13.1	11.1	11.0	13.4	8.0	5.4	3.2	12.6	13.4	11.4	12.5	92	89	86	90	W	2	WSW	3	WNW	2	2.3
12	116.0	116.8	115.7	116.2	7.9	13.7	12.2	10.3	14.6	6.6	8.0	1.8	10.4	11.7	13.1	11.7	97	75	92	90	WNW	1	WNW	1	C	0	0.7
13	113.3	112.2	112.1	112.5	10.8	17.3	11.3	12.4	18.4	9.2	9.2	5.0	12.9	14.4	12.1	13.1	100	73	91	91	C	0	NW	2	C	0	0.7
14	111.9	110.6	110.1	110.9	7.3	19.7	12.5	11.5	19.9	6.4	13.5	5.0	9.9	14.3	13.5	12.6	97	63	93	88	C	0	S	1	C	0	0.3
15	109.8	110.5	111.7	110.7	8.1	16.5	9.0	10.3	16.9	7.1	9.8	4.1	10.5	15.7	10.5	12.2	97	83	91	92	N	1	ESE	2	C	0	1.0
16	114.3	114.7	116.1	115.0	8.7	16.2	10.3	10.2	16.2	5.5	10.7	1.0	11.2	13.6	11.6	12.1	100	74	93	92	SSE	1	S	3	S	1	1.7
17	115.4	114.8	113.9	114.7	9.5	12.3	10.9	10.3	12.5	8.4	4.1	4.5	11.7	14.0	12.7	12.8	99	98	98	98	S	1	W	1	C	0	0.7
18	111.2	109.7	108.8	109.9	10.3	14.1	7.3	9.6	14.1	6.8	7.3	3.0	12.1	13.1	9.7	11.6	96	81	95	92	C	0	NW	1	C	0	0.3
19	108.9	109.5	110.0	109.5	4.7	13.1	11.1	8.0	13.5	2.7	10.8	-0.6	8.3	12.6	12.0	11.0	97	84	91	92	C	0	N	1	C	0	0.3
20	110.2	109.1	107.3	108.9	8.3	13.1	9.3	9.4	13.2	6.8	6.4	2.3	10.7	8.8	8.9	9.5	97	58	76	82	C	0	C	0	E	1	0.3
21	102.6	99.3	97.5	99.8	7.4	13.8	11.3	9.3	13.9	4.6	9.3	0.5	8.8	9.8	9.8	9.5	85	62	73	76	SE	1	SE	3	SE	2	2.0
22	95.4	95.3	99.5	96.7	8.8	9.1	7.5	8.8	11.3	7.5	3.8	5.5	10.7	11.0	10.1	10.6	95	95	97	96	C	0	N	1	N	1	0.7
23	107.1	110.1	113.3	110.2	2.6	7.7	4.6	4.4	7.9	2.6	5.3	0.5	7.1	7.8	7.1	7.3	97	74	84	88	N	1	NNE	2	NNE	1	1.3
24	119.2	120.2	119.6	119.7	-4.1	6.0	-1.7	-0.9	6.6	-4.5	11.1	-7.9	4.2	4.0	9.1	4.4	94	43	94	81	ESE	1	SSE	2	C	0	1.0
25	117.7	115.8	115.1	116.2	-2.3	8.0	1.4	0.8	8.0	-3.8	11.8	-8.0	4.4	4.9	5.8	5.0	86	46	86	76	SSE	2	S	3	S	1	2.0
26	114.5	114.7	114.1	114.4	5.8	13.0	7.5	7.0	13.3	1.4	11.9	-0.4	7.8	11.0	9.4	9.4	84	73	91	83	SSW	1	SSW	2	C	0	1.0
27	113.4	111.9	110.7	112.0	2.6	12.1	6.6	5.8	12.1	2.1	10.0	-2.2	7.2	9.1	8.1	8.1	98	64	84	86	S	1	SSW	2	S	2	1.7
28	109.4	109.0	107.0	108.5	7.1	9.5	8.1	7.4	10.1	4.1	6.0	0.0	9.7	11.3	10.5	10.5	96	95	97	96	SSW	1	WSW	1	SW	1	1.0
29	105.1	105.3	104.0	104.8	8.0	9.0	7.9	8.3	9.7	7.5	2.2	3.9	9.7	10.7	9.9	10.1	91	94	93	92	W	2	W	2	W	2	2.0
30	96.6	95.6	100.6	97.6	8.7	11.5	12.8	10.6	13.2	7.8	5.4	6.9	10.7	11.7	13.3	11.9	95	87	90	92	W	1	WNW	3	WNW	3	2.3
31	100.1	98.6	94.9	97.9	11.3	19.7	17.6	15.0	19.9	11.1	8.8	6.5	11.5	11.9	11.6	11.7	86	52	58	70	C	0	W	3	W	3	2.0
M	107.3	107.2	107.2	107.2	8.6	14.4	10.4	10.2	15.1	6.8	8.3	3.4	10.9	12.4	11.5	11.6	95	75	89	88		0.8		1.9		0.9	1.2

Meteorological elements November 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h	12 h	18 h	M
1	101.0	103.3	107.2	103.8	7.7	7.3	6.3	9.2	17.9	5.1	12.8	3.5	7.8	9.4	7.6	8.3	74	92	79	80	W 4	WNW 4	WNW 3	3.7
2	115.5	119.1	120.9	118.5	2.0	6.7	-0.4	2.1	7.0	-0.2	7.2	-4.8	6.6	4.6	5.5	5.6	93	47	93	82	W 2	NNE 4	NW 1	2.3
3	118.4	115.9	113.0	115.8	2.3	7.9	8.6	4.3	8.6	-2.4	11.0	-5.8	6.6	9.9	9.9	8.8	92	93	89	92	S 1	SW 1	NW 1	1.0
4	110.0	107.4	105.2	107.5	8.3	10.8	7.1	8.2	10.8	6.8	4.0	1.2	9.5	10.1	8.2	9.3	87	78	81	83	W 2	WNW 1	W 1	1.3
5	98.0	100.2	105.0	101.1	7.8	9.1	3.4	6.2	9.8	3.7	6.1	0.2	9.1	7.0	6.1	7.4	86	60	78	78	SW 1	WNW 4	NW 1	2.0
6	106.1	102.0	96.2	101.4	-1.0	6.0	5.6	2.3	6.1	-1.4	7.5	-6.0	5.5	6.3	6.3	6.0	96	67	69	82	SSW 1	SSW 2	WSW 3	2.0
7	91.1	90.9	87.3	89.8	6.6	8.0	6.7	6.9	8.6	5.6	3.0	2.5	8.4	6.4	7.8	7.5	86	60	80	78	W 2	WNW 2	SSW 2	2.0
8	85.0	78.9	76.0	80.0	1.2	6.9	7.1	4.2	7.3	1.1	6.2	-2.6	6.3	9.7	10.1	8.7	95	97	100	97	SSE 1	S 1	C 0	0.7
9	81.5	91.0	98.0	90.2	5.8	4.0	2.0	4.4	8.0	1.7	6.3	-1.0	8.6	6.2	5.7	6.8	93	76	80	86	W 2	W 3	W 2	2.3
10	112.0	116.1	118.0	115.4	0.7	3.2	-2.4	-0.2	3.6	-2.5	6.1	-6.4	5.3	3.9	4.9	4.7	82	51	96	78	WNW 1	W 2	C 0	1.0
11	113.6	109.2	105.5	109.4	-3.3	4.6	3.3	0.2	4.9	-4.0	8.9	-8.4	4.5	3.8	4.2	4.2	95	45	54	72	SW 1	W 3	W 2	2.0
12	101.0	99.0	95.3	98.4	2.7	4.3	4.2	3.5	4.6	2.6	2.0	1.6	5.8	6.6	7.0	6.5	78	79	85	80	W 2	W 2	W 1	1.7
13	94.1	97.4	101.0	97.5	3.2	5.9	-1.6	1.4	5.9	-1.9	7.8	-6.0	7.2	5.2	5.3	5.9	94	56	98	86	NNE 2	N 2	N 1	1.7
14	106.1	110.8	116.3	111.1	-2.6	0.8	-3.7	-2.3	0.9	-3.9	4.8	-7.4	5.0	5.6	4.3	5.0	100	86	93	95	C 0	NE 2	C 0	0.7
15	121.7	117.8	110.5	116.7	-4.9	3.1	2.2	-1.1	3.4	-5.1	8.5	-9.7	4.1	4.8	4.3	4.4	98	63	60	80	C 0	W 4	W 4	2.7
16	109.5	113.2	117.0	113.2	3.6	4.8	3.6	3.7	6.5	1.2	5.3	-0.4	6.7	5.6	4.6	5.6	85	65	58	73	WNW 3	NW 3	N 3	3.0
17	122.4	119.3	114.2	118.6	-2.8	4.6	2.7	0.4	4.6	-3.0	7.6	-7.0	4.6	4.4	5.9	5.0	92	51	79	78	WNW 1	WNW 3	WNW 1	1.7
18	109.2	106.8	105.7	107.2	5.0	5.8	5.0	4.6	5.9	2.7	3.2	1.2	7.7	7.7	6.5	7.3	88	83	74	83	W 1	W 1	W 1	1.0
19	102.0	99.5	102.8	101.4	4.0	6.9	2.1	3.8	6.9	2.1	4.8	-1.0	6.9	8.6	5.7	7.1	85	86	80	84	W 1	NNW 1	N 1	1.0
20	107.9	109.2	111.3	109.5	-0.4	0.6	-4.3	-1.7	2.1	-4.3	6.4	-8.3	5.3	3.4	3.7	4.1	89	54	83	79	NW 1	N 1	C 0	0.7
21	111.1	109.8	106.6	109.2	0.0	2.6	4.0	0.6	4.3	-5.9	10.2	-9.6	6.0	6.6	7.9	6.8	98	90	97	96	C 0	W 2	SW 1	1.0
22	94.2	90.4	85.5	90.0	5.0	5.4	4.8	5.1	6.3	4.2	2.1	3.4	8.0	8.7	8.1	8.3	91	97	94	93	W 3	W 3	W 3	3.0
23	87.8	90.1	91.4	89.8	1.6	2.2	0.9	2.0	4.8	0.8	4.0	-0.3	6.0	5.4	6.1	5.8	88	76	93	86	W 2	W 2	W 2	2.0
24	93.6	96.4	100.3	96.8	0.4	1.8	0.9	1.0	2.1	0.4	1.7	-0.4	5.9	5.7	5.2	5.6	95	82	79	88	NW 2	N 2	NNE 2	2.0
25	103.2	101.6	99.4	101.4	-0.4	-0.1	-1.0	-0.3	1.1	-1.0	2.1	-1.0	5.1	4.4	4.9	4.8	85	73	86	82	N 1	N 4	N 3	2.7
26	96.5	98.9	102.9	99.4	-1.8	0.0	-4.9	-3.0	0.0	-5.1	5.1	-12.9	5.2	6.0	4.0	5.1	96	98	93	96	N 1	SE 1	C 0	0.7
27	104.4	103.8	104.1	104.1	-2.7	-1.5	-2.4	-3.3	-1.1	-6.9	5.8	-13.5	4.8	4.9	4.6	4.8	95	89	90	92	C 0	S 1	SSE 2	1.0
28	104.5	103.9	103.6	104.0	-3.9	-1.2	-1.9	-3.0	-1.1	-5.2	4.1	-7.2	3.9	4.7	5.1	4.6	86	84	96	88	SE 1	SSE 1	SSE 2	1.3
29	104.8	105.4	106.4	105.5	-0.6	0.6	0.5	-0.4	0.9	-2.4	3.3	-2.7	5.6	6.0	6.2	5.9	96	95	98	96	C 0	C 0	C 0	0.0
30	110.1	112.1	116.7	113.0	-1.8	0.0	-1.8	-1.3	0.6	-2.2	2.8	-2.6	5.1	5.6	4.2	5.0	94	91	79	90	ENE 1	S 2	S 1	1.3
M	103.9	104.0	104.1	104.0	1.4	4.0	1.9	1.9	5.0	-0.6	5.6	-3.7	6.2	6.2	6.0	6.1	90	75	84	85	1.3	2.1	1.5	1.6

Meteorological elements December 2001

Day	Atmospheric pressure 900+.....[hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapoure pressure [hPa] 06h	12h	18h	M	Relative humidity [%] 06h	12h	18h	M	Wind direction & velocity [m/s] 06 h		12 h		18 h		M
1	118.8	119.7	120.3	119.6	-2.8	-2.4	-2.0	-2.4	-1.6	-3.2	1.6	-6.4	4.1	4.6	4.8	4.5	83	90	90	86	ESE	1	E	2	SE	2	1.7
2	121.8	122.0	122.7	122.2	-1.6	0.2	-0.1	-1.0	0.3	-2.4	2.7	-2.5	4.7	5.1	5.3	5.0	87	82	87	86	SE	1	SE	1	SE	1	1.0
3	122.5	121.6	121.3	121.8	-0.8	1.4	-3.6	-1.7	1.4	-3.9	5.3	-6.5	5.1	5.3	3.9	4.8	89	78	84	85	E	1	SE	2	SSE	1	1.3
4	118.1	116.0	113.5	115.9	-4.8	-4.3	-4.4	-5.0	-3.7	-7.1	3.4	-9.0	3.6	3.4	3.5	3.5	84	77	79	81	SE	3	SSE	4	SSE	5	4.0
5	110.5	111.1	111.1	110.9	-4.4	-3.3	-3.0	-3.9	-3.0	-5.1	2.1	-5.6	3.8	4.0	4.4	4.1	87	83	89	86	ESE	2	S	1	S	3	2.0
6	108.4	111.1	115.3	111.6	-2.2	-3.1	-6.3	-4.3	-2.1	-6.5	4.4	-7.8	4.9	4.2	3.4	4.2	94	87	89	91	SE	2	SSE	2	SSE	2	2.0
7	124.2	128.0	130.6	127.6	-12.5	-6.3	-11.5	-11.0	-6.1	-13.9	7.8	-17.6	2.2	2.9	2.4	2.5	92	75	93	88	C	0	C	0	C	0	0.0
8	131.6	131.8	131.6	131.7	-15.8	-5.5	-11.1	-12.2	-5.4	-16.3	10.9	-18.4	1.7	2.9	2.4	2.3	94	72	93	88	C	0	N	1	N	1	0.7
9	133.3	132.4	132.0	132.6	-15.7	-7.8	-7.8	-11.8	-7.8	-16.1	8.3	-18.5	1.8	3.1	3.2	2.7	98	90	95	95	C	0	C	0	C	0	0.0
10	124.0	121.6	120.3	122.0	-2.8	-1.6	-0.6	-3.0	-0.6	-7.9	7.3	-7.7	4.7	5.2	5.6	5.2	95	97	96	96	W	1	WNW	1	W	1	1.0
11	118.9	118.9	117.6	118.5	-1.2	-0.8	-1.7	-1.2	0.1	-1.9	2.0	-3.0	5.3	5.6	5.2	5.4	95	97	96	96	N	1	C	0	N	1	0.7
12	110.8	111.5	116.3	112.9	-1.4	-2.2	-10.7	-6.1	-1.1	-11.3	10.2	-13.6	5.2	5.0	2.0	4.1	95	96	75	90	C	0	NE	2	NE	3	1.7
13	122.8	126.0	128.4	125.7	-18.4	-12.5	-12.0	-15.2	-10.8	-19.7	8.9	-25.8	1.3	1.8	2.1	1.7	89	79	86	86	NE	1	NNE	2	NE	1	1.3
14	128.7	127.0	120.0	125.2	-12.5	-9.8	-6.8	-9.9	-6.8	-13.5	6.7	-16.4	2.2	2.6	3.0	2.6	92	91	81	89	C	0	W	2	W	3	1.7
15	118.7	118.8	118.6	118.7	-2.8	-1.8	-2.9	-3.6	-1.6	-7.1	5.5	-6.9	4.9	4.2	4.1	4.4	99	79	83	90	NW	1	NNE	1	NNE	2	1.3
16	116.3	118.5	118.0	117.6	-4.0	-6.2	-10.7	-7.2	-2.6	-11.6	9.0	-20.5	3.9	2.5	2.4	2.9	86	64	90	82	NNE	2	N	1	C	0	1.0
17	117.5	115.7	114.4	115.9	-12.9	-8.0	-4.5	-9.4	-4.5	-15.8	11.3	-23.5	2.1	3.1	4.3	3.2	92	93	98	94	C	0	SSW	1	WSW	1	0.7
18	112.6	113.1	112.2	112.6	-1.0	0.4	0.6	-1.0	0.8	-4.6	5.4	-9.4	5.3	5.9	6.0	5.7	93	95	95	94	N	1	WNW	2	WNW	2	1.7
19	106.1	100.0	95.2	100.4	-0.4	0.7	2.4	1.0	2.4	-0.4	2.8	-0.5	5.5	5.9	6.2	5.9	93	91	85	90	WNW	1	W	3	WNW	3	2.3
20	95.2	99.1	104.7	99.7	-0.8	-2.2	-4.9	-2.1	2.3	-5.1	7.4	-8.4	5.3	4.3	3.1	4.2	92	82	73	85	WNW	1	NNW	2	NW	3	2.0
21	99.2	87.9	82.7	89.9	-9.5	-4.7	-1.9	-5.8	-1.6	-10.3	8.7	-19.5	2.5	3.6	4.4	3.5	86	85	83	85	SSE	2	SW	4	W	5	3.7
22	83.4	81.6	93.1	86.0	-3.2	-2.5	-7.8	-4.7	0.3	-8.2	8.5	-20.0	4.3	4.5	3.2	4.0	89	88	93	90	W	1	WNW	1	C	0	0.7
23	92.8	92.2	98.5	94.5	-7.0	-6.1	-7.4	-7.5	-5.3	-10.2	4.9	-22.4	3.3	3.7	3.2	3.4	91	94	91	92	SE	1	N	2	N	3	2.0
24	95.3	94.0	90.8	93.4	-11.7	-5.1	-4.4	-9.0	-4.2	-15.6	11.4	-24.4	2.3	3.3	3.7	3.1	92	80	83	87	C	0	SSW	2	SW	1	1.0
25	81.4	76.9	77.4	78.6	-3.2	0.0	2.0	-1.0	2.0	-4.6	6.6	-5.5	4.5	6.0	5.8	5.4	93	98	82	92	WSW	3	WSW	3	WSW	3	3.0
26	81.8	83.8	87.6	84.4	1.0	2.7	1.5	1.9	2.9	0.2	2.7	-5.4	5.4	5.6	5.5	5.5	83	76	81	81	SSW	1	SW	2	WSW	1	1.3
27	93.4	96.3	97.2	95.6	-0.2	1.4	-1.3	-0.3	1.6	-1.4	3.0	-8.8	5.4	5.3	5.2	5.3	89	78	93	87	SSW	2	W	1	W	1	1.3
28	89.9	88.2	83.7	87.3	-5.0	-1.2	0.0	-2.9	0.0	-6.6	6.6	-16.5	3.8	5.0	5.3	4.7	91	89	88	90	SSW	3	WSW	2	S	2	2.3
29	76.8	78.3	79.2	78.1	1.5	1.2	0.2	0.6	1.5	-0.6	2.1	-3.4	5.9	4.7	4.5	5.0	86	71	73	79	SSW	3	WNW	3	W	2	2.7
30	78.1	79.8	84.0	80.6	-2.4	-1.2	-1.6	-1.6	0.4	-2.6	3.0	-7.0	4.2	4.4	4.8	4.5	82	78	89	83	W	2	W	4	W	4	3.3
31	97.8	102.3	106.5	102.2	-3.2	-3.1	-6.1	-4.1	-1.1	-6.0	4.9	-12.9	4.5	3.6	3.4	3.8	93	75	87	87	NW	2	WNW	2	NNW	1	1.7
M	107.4	107.3	107.9	107.5	-5.2	-3.0	-4.1	-4.7	-1.7	-7.7	6.0	-12.1	4.0	4.2	4.1	4.1	90	84	87	88		1.3		1.8		1.9	1.6

January 2001

DAY	Cloudiness [0-8]				Type of clouds			Precipitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	8	8	7	7.7	Sc	Sc	Sc	.	4
2	6	7	8	7.0	Sc	Sc	Ns	3.8	4
3	8	8	8	8.0	Ns	Ac,As	As	4.3	3
4	8	8	8	8.0	≡1	≡2	≡1	0.1	2
5	8	8	4	6.7	Ns	Ns	Cs	2.3	2
6	8	8	8	8.0	Ns	Sc	Sc	1.4	1
7	8	8	8	8.0	As,Ac	Sc,Ac	≡1	1.9	.
8	8	8	8	8.0	Ns	Ns	Ns	4.4	.
9	8	8	8	8.0	Ns	St	St	0.0	.
10	8	8	6	7.3	Ns	Ns	Sc	0.8	.
11	3	1	0	1.3	Ac	Cu	.	0.4	.
12	1	7	6	4.7	Cu	Ac,Cu	Sc	1.5	1
13	4	7	6	5.7	Sc	Sc	Sc	0.1	3
14	8	8	8	8.0	St	St	St	0.4	3
15	8	8	8	8.0	St	As	Sc	0.5	3
16	8	8	8	8.0	Sc	Sc	Sc	.	1
17	8	4	8	6.7	Sc	Cu	Sc	.	1
18	3	0	3	2.0	Ac	.	Ac	.	.
19	8	7	8	7.7	St	Sc	Sc	.	.
20	0	6	8	4.7	.	Ac	Sc	.	.
21	8	8	8	8.0	Sc	St	St	0.0	.
22	8	8	0	5.3	Sc	Sc	.	.	.
23	0	1	8	3.0	.	Ci	Sc	.	.
24	0	7	3	3.3	.	Ci,Cc,Ac	Ci	3.4	.
25	8	8	8	8.0	Ns	St	Sc	0.1	2
26	8	8	8	8.0	Sc	Sc	Sc	0.1	.
27	8	8	8	8.0	Sc	Sc	Sc	0.2	.
28	8	2	6	5.3	Sc	Cu	Ac	.	.
29	6	2	8	5.3	Ci	Cc	St	0.2	.
30	8	8	8	8.0	Sc	Sc	Sc	0.0	.
31	8	8	4	6.7	St	Ns	Ci,Cs	0.5	0
M	6.4	6.5	6.7	6.5				26.4	

February 2001

DAY	Cloudiness [0-8]				Type of clouds			Precipitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	8	6	5	6.3	Sc	Sc,Cu	Cu	0.4	0
2	8	7	7	7.3	St	As,Ac,Cu	Ac	1.6	1
3	8	8	2	6.0	Sc	Sc	As	.	2
4	8	3	3	4.7	As	Ci,Cu	Sc	0.2	2
5	8	8	8	8.0	Ns	Ns	Ns	7.8	2
6	8	7	7	7.3	Ns	Sc,Ci	Sc	2.8	3
7	5	6	5	5.3	Ac	Ci,Cc	Ci,Cc	.	.
8	7	8	8	7.7	Sc	As,Ac	As	.	.
9	6	1	2	3.0	Ci,Cc,Cu	Ci	Ci	0.0	.
10	8	8	6	7.3	St	Sc	Cu	.	.
11	8	5	3	5.3	Sc	Cu,Cc	Ac	.	.
12	8	8	6	7.3	As,Ac	As	As,Ac	.	.
13	8	8	8	8.0	Sc	Sc	Sc	.	.
14	8	6	8	7.3	Sc	Sc	St	0.0	.
15	8	8	8	8.0	Sc	Sc	St	.	.
16	0	0	8	2.7	.	.	As	0.1	.
17	8	2	0	3.3	St	Cu	.	.	.
18	8	8	7	7.7	Ns	Sc	Sc	6.3	.
19	8	6	7	7.0	St	Cs,Ac,Cu	Sc	1.2	7
20	8	8	7	7.7	Sc	Sc	Sc	0.1	5
21	8	7	7	7.3	Sc	Sc,Cb	Sc,Cb	2.8	3
22	6	8	4	6.0	Ac,Cu	Cb	Cu	0.5	4
23	8	6	7	7.0	Sc	Sc	Sc,Ac	0.4	5
24	7	5	0	4.0	Cu,Ac,Ci	Cu	.	0.0	5
25	0	3	6	3.0	.	Cu	Ac	.	4
26	7	0	5	4.0	Ac	.	Ci	0.0	4
27	8	7	0	5.0	Sc	Sc	.	0.0	4
28	0	0	0	0.0	.	.	.	.	4
M	6.8	5.6	5.1	5.8				24.2	

March 2001

DAY	Cloudiness [0-8]				Type of clouds			Precipitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	8	8	8	8.0	As,Ac	Ac	Ns	2.2	3
2	0	6	7	4.3	.	Ci,Ac	Sc	0.4	.
3	8	8	8	8.0	Cs,Ci	Sc	As	1.7	1
4	8	8	8	8.0	≡[2]	Ns	Ns	7.2	.
5	8	8	1	5.7	Sc	Sc	Ci	0.0	.
6	0	0	3	1.0	.	.	Ci	.	.
7	6	0	5	3.7	Ci	.	Cs	.	.
8	7	7	7	7.0	Ci	Sc,Ci,Ac	Ac	.	.
9	7	8	8	7.7	Sc	As	Sc	.	.
10	8	7	6	7.0	Ac,As	Cs,Ci	Ac,Cu	0.0	.
11	6	7	8	7.0	Cu,Ac	Sc	As	0.0	.
12	7	7	7	7.0	Ac	Cu,Ac	Sc,Ac	0.0	.
13	8	8	7	7.7	Sc	St	Sc	0.6	.
14	5	8	1	4.7	As,Ac	Sc	Ci	0.0	.
15	8	4	8	6.7	Sc	Cu	Sc	0.4	.
16	8	8	6	7.3	St	Sc	Cu,Ac	0.1	.
17	3	6	8	5.7	Ci,Cs	Ci,Cs	As	.	.
18	8	8	8	8.0	As	Sc	Sc,Ac	.	.
19	8	8	8	8.0	Sc	As,Cu	Cb	10.2	.
20	8	8	6	7.3	Ns	Ns	Sc	5.1	3
21	8	7	7	7.3	Sc	Sc	Sc	0.1	8
22	0	4	4	2.7	.	Ci	Ac,Cc	.	2
23	8	6	7	7.0	As	Cu	Cs,Ci,Cc	.	.
24	3	8	8	6.3	Ci,Cc	Ns	Ns	6.2	.
25	8	8	8	8.0	St	Sc	Ns	5.0	8
26	8	8	8	8.0	Ns	As	Ns	0.1	11
27	4	6	0	3.3	Ac	Sc,Cu	.	.	9
28	7	0	0	2.3	Ac,Ci	.	.	.	3
29	0	0	0	0.0	.	.	.	.	.
30	7	6	0	4.3	Sc	Ac	.	.	.
31	3	7	8	6.0	Ci	Cs,Ci,Ac	Sc	0.0	.
M	6.0	6.2	5.7	6.0				39.3	

April 2001

DAY	Cloudiness [0-8]				Type of clouds			Precipitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	8	2	3	4.3	≡[2]	Cu	Ci	0.0	.
2	7	5	3	5.0	Cu,Ac	Ci,Cu	Ci	.	.
3	5	1	2	2.7	Ac	Cu	Ci	.	.
4	7	1	1	3.0	Ci,Cs,Ac	Ci	Ci,Cc	.	.
5	1	8	8	5.7	Ci	Sc	Ns	0.0	.
6	0	4	5	3.0	.	Cu	Ac,Ci	.	.
7	3	4	8	5.0	Ci,Cc	Cu	Ac	.	.
8	8	7	8	7.7	Ac,Sc	Ac,Ci,Cu	Ac,As	0.0	.
9	8	8	8	8.0	Ns	Ns	Ns	7.8	.
10	8	8	8	8.0	Ns	Sc	Ns	3.4	.
11	8	8	8	8.0	Ns	Sc	Sc	0.1	.
12	7	7	4	6.0	Ac,Cu	Sc	Ac	0.9	.
13	8	7	6	7.0	Sc	Sc	Sc	4.3	.
14	8	7	8	7.7	Sc	Sc,Cu,As	Sc	2.6	.
15	3	4	2	3.0	Cu	Cu,Sc	Ci,Cc	.	1
16	7	8	7	7.3	Sc	Ns,As	Sc	0.5	.
17	7	8	6	7.0	Cc,Cs	Sc	Sc,Cu	0.2	.
18	1	8	8	5.7	Ci	Sc	Sc	0.2	.
19	8	5	8	7.0	As,Ac	Cu,Ac,Ci	Sc	0.0	.
20	8	8	8	8.0	As,Ac	As,Cu	As	8.3	.
21	8	8	8	8.0	As	As,Cu	Sc	0.0	.
22	8	8	8	8.0	Sc	Sc	Sc	8.6	.
23	8	8	8	8.0	Sc	Sc	Sc	4.9	.
24	8	8	8	8.0	Ns	Ns	Ns	13.2	.
25	8	7	0	5.0	St	Sc	.	0.0	.
26	6	8	8	7.3	Ci	Sc	Ns	7.6	.
27	8	7	2	5.7	Ns	As,Ci,Cu	Ac	0.2	.
28	7	7	7	7.0	Ac	Sc,Cu	Ac	0.3	.
29	2	6	1	3.0	Cu	Cu	Ac	.	.
30	2	2	3	2.3	Ci	Cu	Ci	.	.
M	6.2	6.2	5.7	6.0				63.1	

May 2001

DAY	Cloudiness [0-8]				Type of clouds			Preci-pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	5	6	3	4.7	Ci	Cu,Ci	Ci	1.9	.
2	4	0	2	2.0	Ci	.	Cc,Ci	.	.
3	4	2	2	2.7	Ci	Ci	Ci	.	.
4	3	2	2	2.3	Ci,Cc	Ci,Cc	Ci,Ac	.	.
5	0	0	6	2.0	.	.	Cu,Ac	1.4	.
6	2	4	7	4.3	Ac	Cu	Sc	.	.
7	7	5	6	6.0	Sc,Ac	Cu	Sc,Ac	6.4	.
8	0	2	2	1.3	.	Cu	Ci	.	.
9	0	4	5	3.0	.	Cu	Ac,Cu,Ci	.	.
10	0	4	6	3.3	.	Cu	Cu,Ac,Ci	0.0	.
11	1	6	7	4.7	Ci	Sc,Cu	Sc	.	.
12	0	8	8	5.3	.	Sc	Sc	.	.
13	0	4	0	1.3	.	Ci,Cu	.	.	.
14	5	2	1	2.7	Ci,Ac	Cu	Ci	.	.
15	1	2	7	3.3	Ci	Ci,Cu	Sc,Ac	.	.
16	8	8	4	6.7	Ci,Cs,Cc	Ac,Cb	Ci	4.8	.
17	6	6	8	6.7	Ci	Ci,Cu	Cs,Ac	.	.
18	1	7	7	5.0	Ci	Cu,Cb	Sc,Ac	12.3	.
19	8	4	7	6.3	Sc	Cu	Sc,Ac	0.0	.
20	0	3	1	1.3	.	Cu,Ci	Cu	.	.
21	3	8	6	5.7	Cc,Ci	As,Cu	Cu	.	.
22	0	7	0	2.3	.	Sc,Cu	.	.	.
23	0	0	4	1.3	.	.	Ci	.	.
24	0	0	0	0.0	.	.	.	.	.
25	0	6	2	2.7	.	Cu,Ci	Ci	.	.
26	3	7	7	5.7	Ci,Cc	Ci,Cc	Ci,Cs	.	.
27	7	7	8	7.3	Ci,Cs	Cu,As	As,Ac,Sc	2.3	.
28	8	8	8	8.0	Ns	Sc	Sc	3.9	.
29	5	8	4	5.7	Cu	Ns	Cu	9.6	.
30	8	8	8	8.0	Sc	Sc	Sc	12.5	.
31	7	8	7	7.3	Sc	Sc	Ci,Ac	.	.
M	3.1	4.7	4.7	4.2				55.1	

June 2001

DAY	Cloudiness [0-8]				Type of clouds			Preci-pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	3	7	6	5.3	Ci	Sc,Ac,Cu	Ac,Ci	1.6	.
2	8	6	8	7.3	Sc	Sc,Cu	Sc,Ac,As	0.7	.
3	8	8	6	7.3	Sc	Sc	Ci,Cc	4.1	.
4	8	7	7	7.3	Cs,Ci	Ac,Ci,Cu	Ci,Cu	0.0	.
5	1	4	1	2.0	Cu	Cu	Cu	.	.
6	7	7	7	7.0	Sc	Sc,Cu	Ac,Ci,Cc	.	.
7	4	4	6	4.7	Ac	Cu	Ci	0.0	.
8	7	7	6	6.7	Cs,Ci,Cc	Sc,Ci	Sc,Ci,Ac	13.5	.
9	8	6	8	7.3	Ns	Cu,Ci	Sc,As	1.3	.
10	8	8	8	8.0	Sc,As,Ac	Cs,Cu	As,Ac	0.9	.
11	8	8	8	8.0	Sc	Ns	As,Cu	2.3	.
12	8	7	8	7.7	Sc	Sc,Ac	Sc	0.7	.
13	4	4	3	3.7	Cu	Cu	Cu	.	.
14	1	8	8	5.7	Ci	Cu,Cs,Ci	Cs,Ac	.	.
15	0	4	1	1.7	.	Cu	Cu	.	.
16	6	8	8	7.3	Cs,Ci	As	Ac,As	0.0	.
17	8	8	8	8.0	As	Sc	Cu,As	2.9	.
18	8	8	6	7.3	Sc	Sc,Cu,Ac	Ac	15.1	.
19	5	8	8	7.0	Cc,Cu	Sc	As,Ac	0.0	.
20	6	5	7	6.0	Ci,Ac	Cu,Ci,Ac	Ci,Ac,Cu	0.0	.
21	4	5	6	5.0	Cu	Cu,Ci	Ci,Cs,Ac	0.1	.
22	8	5	6	6.3	Sc	Cu,Ac	Cu,Ac,Ci	2.2	.
23	8	8	8	8.0	Sc	Sc	Sc	10.5	.
24	8	8	1	5.7	Sc	Sc	Ac	2.5	.
25	3	5	5	4.3	Ac	Cu,Ac	Ci,Cu	.	.
26	1	3	3	2.3	Cu	Cu	Cu	6.3	.
27	0	2	6	2.7	.	Cu	Sc,Cu	.	.
28	1	2	0	1.0	Cu	Cu	.	.	.
29	7	6	8	7.0	Ci	Cu,Ci,Cc	As,Ac	.	.
30	3	8	5	5.3	Ci,Cc,Ac	Cb	Ac	20.2	.
M	5.3	6.1	5.9	5.8				84.9	.

July 2001

DAY	Cloudiness [0 - 8]				Type of clouds			Preci - pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	3	7	8	6.0	Ci,Cc	Ac,Cu	Cb	8.1	.
2	8	8	7	7.7	As	Sc,Cu,As	Sc,Ac,As	2.7	.
3	8	8	7	7.7	Ns	Sc	Sc,Ac,Ci	.	.
4	3	2	7	4.0	Ci	Cu,Ci	As,Ac,Ci	0.3	.
5	7	4	8	6.3	Ac	Cu	Cs	.	.
6	6	3	0	3.0	Ac	Cu	.	.	.
7	1	2	2	1.7	Ci	Cu	Cu,Ci	.	.
8	5	8	8	7.0	Ac	As,Cb,Cu	Sc,Ac,As	1.6	.
9	8	8	8	8.0	Sc	Cb,Sc	Sc,Cb	3.4	.
10	8	5	7	6.7	Ns	Cu,Ci	Sc,Ac	1.2	.
11	0	7	8	5.0	.	Ci,Cu	As,Ac	1.9	.
12	8	4	1	4.3	Sc	Cu,Ci,Cc	Cu	0.0	.
13	6	7	7	6.7	Ac	Sc,Ci	Sc,As,Ci	.	.
14	1	4	3	2.7	Ci	Cu,Ci	Ac,Ci	.	.
15	0	3	2	1.7	.	Cu	Ci	.	.
16	2	5	7	4.7	Ac,Ci	Cu,Ci	Cs,Ci	0.2	.
17	8	7	8	7.7	Sc	Ac,As,Cb	Cb	19.3	.
18	7	8	8	7.7	Cs,Ci	Sc	Sc,Cu,As	0.2	.
19	1	6	7	4.7	Ac	Ci,Ac,Cu	Ci,Ac	1.8	.
20	7	7	7	7.0	Sc,Ac	Ci	Sc,Cb,As	9.2	.
21	8	8	8	8.0	St	Sc,Cu,As	Ac	4.1	.
22	8	8	7	7.7	As,Cu	Sc	Ci,Cs,Cc	0.0	.
23	8	7	8	7.7	Sc	Cu,Ac	Cb	7.7	.
24	8	7	8	7.7	As,Ac	Sc,Cb,Cu	Ac,Sc,Cb	14.2	.
25	7	8	7	7.3	Sc	Sc	Cs,Ci,Cu	0.6	.
26	8	8	7	7.7	Sc	Cb,Ac	Sc,Ac,As	1.9	.
27	8	8	5	7.0	As,Cu	As,Cb	Ac,Ci	11.7	.
28	1	4	5	3.3	Cc	Cu	Cu,Ac	.	.
29	6	3	5	4.7	Cu,Ac,Ci	Cu	Cu,Sc	0.0	.
30	1	3	6	3.3	Cu	Ci,Cu	Ci	.	.
31	8	6	7	7.0	Sc,Ac	Ac,Cu	Ac	2.5	.
M	5.4	5.9	6.2	5.9				92.6	.

August 2001

DAY	Cloudiness [0 - 8]				Type of clouds			Preci - pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	3	6	1	3.3	Ac,Cu	Cu	Cu		
2	0	6	2	2.7	.	Cu	Ci		
3	6	7	8	7.0	Ci	Cs,Ci	Ac,As	.	.
4	7	7	8	7.3	Sc	Sc,Ac	Sc,As	22.0	.
5	8	8	7	7.7	St	As	Ci	1.2	.
6	0	3	6	3.0	.	Cu	Ci	.	.
7	3	6	8	5.7	Ac,Ci	Ac,Cu	Sc,Cb	7.8	.
8	2	7	7	5.3	Ci	Ac	Ac,Cc	3.0	.
9	6	7	2	5.0	Ci,Ac	Ci,Cu	Ci,Cc,Ac	.	.
10	7	8	8	7.7	Ac,Cu	Ac,As	Ac,As,Cu	5.5	.
11	4	7	3	4.7	Ci,Cs	Cu,Ci	Ac,Ci	0.0	.
12	0	4	2	2.0	.	Cu	Ci	.	.
13	7	7	8	7.3	Ac	As,Ac	As,Ac	0.1	.
14	8	8	4	6.7	St	As,Sc,Cu	Ac	0.0	.
15	7	6	0	4.3	Sc	Sc	.	.	.
16	0	0	0	0.0	.	.	.	.	.
17	0	2	1	1.0	.	Cu	Ac	.	.
18	7	0	2	3.0	As	.	Ac	.	.
19	0	2	0	0.7	.	Cu	.	.	.
20	0	2	0	0.7	.	Cu	.	.	.
21	6	1	6	4.3	Ac,Cu	Cu	Sc,Ac	.	.
22	0	1	8	3.0	.	Cu	As,Ac,Cb	0.0	.
23	3	0	0	1.0	Ac	.	.	.	.
24	0	4	6	3.3	.	Cu	Ci	.	.
25	6	7	3	5.3	Ac	Ci,Cs,Cu	Ac,Ci,Cc	.	.
26	0	2	4	2.0	.	Cu	Ci	.	.
27	3	2	8	4.3	Ci	Cu	Cb	8.0	.
28	7	7	7	7.0	Sc,Cu	Sc	Ac,Sc	10.1	.
29	6	6	8	6.7	Sc,Ci	Ac,Cu,Ci	Sc,Ac	0.0	.
30	6	4	0	3.3	Cu,As	Cu	.	.	.
31	5	5	3	4.3	Ci,Cc	Cu.Ci,Cc	Ci	.	.
M	3.8	4.6	4.2	4.2				57.7	.

September 2001

DAY	Cloudiness [0-8]				Type of clouds			Preci-pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	5	7	8	6.7	Ci,Cc,Ac	Ac,As	Sc,As	2.7	.
2	8	8	8	8.0	Ns	Sc	Ns	3.2	.
3	6	8	8	7.3	Ac,Ci,Cc	Sc	Sc	.	.
4	6	8	8	7.3	Ac	Sc,As	As,Ac	0.0	.
5	8	8	8	8.0	As,Ac	As,Ac	Sc	0.6	.
6	8	8	3	6.3	Sc	Sc	Ac,Ci,Cc	.	.
7	7	7	6	6.7	Ci,Ac	As,Ac,Cu	Ci,Ac	.	.
8	7	8	0	5.0	Sc	Sc	.	4.8	.
9	8	2	1	3.7	Sc	Cu,Ac	Ac	1.7	.
10	8	8	8	8.0	Sc	Cu,As	Sc	1.1	.
11	8	8	5	7.0	St	Sc,As	As,Ac	0.8	.
12	8	8	7	7.7	Ns	Sc,Cu,As	As,Ac	0.0	.
13	8	7	8	7.7	St	Sc,Ci	As	1.7	.
14	7	8	8	7.7	Ac	Ac	Sc	5.3	.
15	8	8	8	8.0	Ns	Sc	Sc	4.5	.
16	8	8	6	7.3	Ns	As,Cu	Ac	3.7	.
17	8	8	8	8.0	Sc	Sc,Cu	Sc	9.4	.
18	8	7	3	6.0	Ns	As,Ac,Cu	Ci	10.8	.
19	8	7	4	6.3	Ns	Sc	Ci	0.6	.
20	8	5	3	5.3	≡1	Ci,Cu	Ci	.	.
21	7	7	8	7.3	Ci,Ac	Ci,Cs,Cu	Sc	0.0	.
22	7	5	7	6.3	Ci,Cu,Ac	Ci,Cu	Ac	1.9	.
23	8	8	5	7.0	Sc	Sc	Ac	.	.
24	8	8	6	7.3	Ac	Cu,As	Ac	.	.
25	8	8	7	7.7	As,Ac,Cu	As	Sc	.	.
26	1	4	7	4.0	Ci,Cc	Cu	Sc,Ac	.	.
27	7	8	8	7.7	Sc	Sc	Sc	8.7	.
28	8	8	0	5.3	Ns	Ns	.	12.3	.
29	4	8	3	5.0	Ac	Sc	Ac	0.0	.
30	7	7	7	7.0	Ac	Cu,Ci	Ac,As	0.0	.
M	7.2	7.2	5.9	6.8				73.8	

October 2001

DAY	Cloudiness [0-8]				Type of clouds			Preci-pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	8	7	8	7.7	Sc	Cs,Cu	Sc	2.4	.
2	8	7	7	7.3	Ac,Ci	Cu,Cc,Ci	Sc,Ac	0.0	.
3	0	2	3	1.7	.	Cu	Ac	0.2	.
4	8	8	8	8.0	St	As,Ac,Cu	As	5.0	.
5	8	6	0	4.7	As	Sc	.	.	.
6	7	6	2	5.0	Sc	Cu,Ac	Ac	0.0	.
7	8	4	7	6.3	As	Cu,Ci,Cc	Cs,Ci	1.4	.
8	8	6	2	5.3	Sc	Ac	Ac	.	.
9	8	8	4	6.7	Sc	Sc	Cs	.	.
10	8	7	0	5.0	St	Ac	.	0.5	.
11	8	8	4	6.7	Ns	Ns,As	Ac	2.4	.
12	4	5	8	5.7	Cu	Ac	Sc,Ac	.	.
13	8	2	0	3.3	Ac	Cu	.	.	.
14	5	7	0	4.0	Ac	Ac	.	.	.
15	8	1	0	3.0	≡1	Cu	.	.	.
16	8	8	5	7.0	St	Cs,Cc,Ci	Cs	0.0	.
17	8	8	8	8.0	St	St	St	0.5	.
18	8	8	3	6.3	Sc	Sc	Ac	.	.
19	8	7	7	7.3	Sc	Sc	Sc	.	.
20	8	7	7	7.3	Sc	Sc	Sc	.	.
21	4	7	8	6.3	Ac	Ac	Sc	2.1	.
22	8	8	8	8.0	As	Ns	Ns	4.5	.
23	0	7	7	4.7	.	Sc	Sc	0.0	.
24	0	0	0	0.0	.	.	.	.	.
25	0	0	8	2.7	.	.	Sc	0.0	.
26	8	7	0	5.0	Sc	Ac	.	.	.
27	4	1	0	1.7	Ac	Cu	.	2.5	.
28	8	8	7	7.7	Sc	St	Ac,As	3.7	.
29	3	8	8	6.3	Cu,Ac	Ns,As	Sc	7.1	.
30	8	8	8	8.0	Ns	Ns	Ns	3.0	.
31	1	2	8	3.7	Ci	Cc,Ci	As	2.9	.
M	6.1	5.7	4.7	5.5				38.2	.

November 2001

DAY	Cloudiness [0-8]				Type of clouds			Preci-pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	3	8	6	5.7	Cu	Sc,Cb	Sc,Ac,Cu	5.9	.
2	1	4	0	1.7	Cu	Cu	.	.	.
3	8	8	8	8.0	St	St	St	0.1	.
4	8	8	4	6.7	St	Sc	Ci	0.0	.
5	6	1	0	2.3	Sc,Ac	Cu,Ac	.	0.4	.
6	6	8	8	7.3	Ci	As	As	0.2	.
7	8	8	8	8.0	Sc	Sc	Sc	4.0	.
8	6	8	8	7.3	Ac,As	Ns	Ns	8.3	.
9	8	8	7	7.7	Sc	Sc	Sc	0.1	.
10	3	3	0	2.0	Ac	Cu	.	0.0	.
11	7	6	8	7.0	Ac,Ci	Cs,Ci	As	0.0	.
12	8	8	8	8.0	As	Sc	Sc	0.7	.
13	6	5	1	4.0	Sc,Cu,Ci	Cu	Ci	.	.
14	7	7	4	6.0	Ci	Sc,Ci	Ac	.	.
15	6	7	8	7.0	Ac	Ci,Cc,Cu	Sc	0.4	.
16	6	7	7	6.7	Sc,Cu	Sc,Ci	Sc,Ac	0.0	.
17	1	1	8	3.3	Ci	Ci	Sc	0.5	.
18	8	8	8	8.0	Sc	Sc	Sc	0.0	.
19	8	7	1	5.3	Sc	Cs,Ci,Cu	Ac	0.2	.
20	8	8	0	5.3	Ac,As	St	.	0.0	0
21	8	8	8	8.0	Ns	As	St	1.7	.
22	8	8	8	8.0	Sc	Ns	Ns	3.7	.
23	8	8	8	8.0	Sc	Sc	Sc	2.8	.
24	8	8	8	8.0	Sc	Sc	Sc	0.8	1
25	8	7	8	7.7	Sc	Sc	Sc	1.1	0
26	8	8	0	5.3	Ns	Sc	.	1.3	2
27	8	8	8	8.0	St	St	St	0.0	3
28	8	8	8	8.0	As	As	Ns	4.5	3
29	8	8	8	8.0	≡2	≡2	≡1	0.2	7
30	8	7	8	7.7	Sc	Sc,Cu	As	.	4
M	6.7	6.9	5.8	6.5				36.9	

December 2001

DAY	Cloudiness [0-8]				Type of clouds			Preci-pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	8	8	8	8.0	As	As	As	0.0	4
2	8	8	8	8.0	St	St	St	.	4
3	8	7	2	5.7	Sc	Sc	Cu	.	4
4	8	8	8	8.0	Sc	St	St	.	4
5	8	8	8	8.0	St	St	St	0.1	3
6	8	8	8	8.0	St	St	St	0.2	3
7	0	0	0	0.0	.	.	.	0.3	3
8	0	0	0	0.0	.	.	.	.	3
9	8	5	8	7.0	Cs	Cs,Ci,Cc	Sc	1.6	3
10	8	8	8	8.0	Sc	St	Ns	1.8	5
11	8	8	8	8.0	Ns	Sc	Sc	3.7	7
12	8	8	0	5.3	Sc	Sc	.	0.2	11
13	0	0	7	2.3	.	.	Sc	0.0	11
14	8	7	8	7.7	Sc	Ac,As,Ci	St	0.6	11
15	8	8	8	8.0	Sc	Sc	Sc	0.2	10
16	7	0	6	4.3	Sc	.	Cu	0.0	10
17	8	8	8	8.0	Sc	As	As	0.5	10
18	7	8	8	7.7	Sc	Ns	Ns	1.4	11
19	8	8	8	8.0	Ns	St	Ns	3.4	11
20	7	7	3	5.7	Sc	Sc,Ac	Ac	1.4	10
21	4	8	7	6.3	Ac	Ns	Sc	4.4	11
22	6	8	1	5.0	Ac,As	Sc	Ac	1.3	15
23	8	8	8	8.0	Ns	Ns	As	7.6	16
24	8	8	8	8.0	Sc	As	As	3.2	30
25	8	8	8	8.0	Ns	Ns	Sc	3.2	33
26	7	7	7	7.0	Sc	Sc	Sc	0.2	30
27	8	8	7	7.7	Sc	Sc	Sc	1.4	26
28	8	8	8	8.0	Ns	St	Sc	4.6	27
29	8	8	8	8.0	Sc	Sc	Sc	0.8	30
30	8	8	8	8.0	Sc	Sc	Sc	1.0	28
31	7	7	2	5.3	Ac,As	Cs	Cu	.	28
M	6.9	6.7	6.3	6.6				43.1	

November 2001

DAY	Cloudiness [0 - 8]				Type of clouds			Preci - pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	3	8	6	5.7	Cu	Sc,Cb	Sc,Ac,Cu	5.9	.
2	1	4	0	1.7	Cu	Cu	.	.	.
3	8	8	8	8.0	St	St	St	0.1	.
4	8	8	4	6.7	St	Sc	Ci	0.0	.
5	6	1	0	2.3	Sc,Ac	Cu,Ac	.	0.4	.
6	6	8	8	7.3	Ci	As	As	0.2	.
7	8	8	8	8.0	Sc	Sc	Sc	4.0	.
8	6	8	8	7.3	Ac,As	Ns	Ns	8.3	.
9	8	8	7	7.7	Sc	Sc	Sc	0.1	.
10	3	3	0	2.0	Ac	Cu	.	0.0	.
11	7	6	8	7.0	Ac,Ci	Cs,Ci	As	0.0	.
12	8	8	8	8.0	As	Sc	Sc	0.7	.
13	6	5	1	4.0	Sc,Cu,Ci	Cu	Ci	.	.
14	7	7	4	6.0	Ci	Sc,Ci	Ac	.	.
15	6	7	8	7.0	Ac	Ci,Cc,Cu	Sc	0.4	.
16	6	7	7	6.7	Sc,Cu	Sc,Ci	Sc,Ac	0.0	.
17	1	1	8	3.3	Ci	Ci	Sc	0.5	.
18	8	8	8	8.0	Sc	Sc	Sc	0.0	.
19	8	7	1	5.3	Sc	Cs,Ci,Cu	Ac	0.2	.
20	8	8	0	5.3	Ac,As	St	.	0.0	0
21	8	8	8	8.0	Ns	As	St	1.7	.
22	8	8	8	8.0	Sc	Ns	Ns	3.7	.
23	8	8	8	8.0	Sc	Sc	Sc	2.8	.
24	8	8	8	8.0	Sc	Sc	Sc	0.8	1
25	8	7	8	7.7	Sc	Sc	Sc	1.1	0
26	8	8	0	5.3	Ns	Sc	.	1.3	2
27	8	8	8	8.0	St	St	St	0.0	3
28	8	8	8	8.0	As	As	Ns	4.5	3
29	8	8	8	8.0	≡[2]	≡[2]	≡[1]	0.2	7
30	8	7	8	7.7	Sc	Sc,Cu	As	.	4
M	6.7	6.9	5.8	6.5				36.9	

December 2001

DAY	Cloudiness [0 - 8]				Type of clouds			Preci - pitation	Snow cover
	06:00	12:00	18:00	M	06:00	12:00	18:00	[mm]	[cm]
1	8	8	8	8.0	As	As	As	0.0	4
2	8	8	8	8.0	St	St	St	.	4
3	8	7	2	5.7	Sc	Sc	Cu	.	4
4	8	8	8	8.0	Sc	St	St	.	4
5	8	8	8	8.0	St	St	St	0.1	3
6	8	8	8	8.0	St	St	St	0.2	3
7	0	0	0	0.0	.	.	.	0.3	3
8	0	0	0	0.0	.	.	.	.	3
9	8	5	8	7.0	Cs	Cs,Ci,Cc	Sc	1.6	3
10	8	8	8	8.0	Sc	St	Ns	1.8	5
11	8	8	8	8.0	Ns	Sc	Sc	3.7	7
12	8	8	0	5.3	Sc	Sc	.	0.2	11
13	0	0	7	2.3	.	.	Sc	0.0	11
14	8	7	8	7.7	Sc	Ac,As,Ci	St	0.6	11
15	8	8	8	8.0	Sc	Sc	Sc	0.2	10
16	7	0	6	4.3	Sc	.	Cu	0.0	10
17	8	8	8	8.0	Sc	As	As	0.5	10
18	7	8	8	7.7	Sc	Ns	Ns	1.4	11
19	8	8	8	8.0	Ns	St	Ns	3.4	11
20	7	7	3	5.7	Sc	Sc,Ac	Ac	1.4	10
21	4	8	7	6.3	Ac	Ns	Sc	4.4	11
22	6	8	1	5.0	Ac,As	Sc	Ac	1.3	15
23	8	8	8	8.0	Ns	Ns	As	7.6	16
24	8	8	8	8.0	Sc	As	As	3.2	30
25	8	8	8	8.0	Ns	Ns	Sc	3.2	33
26	7	7	7	7.0	Sc	Sc	Sc	0.2	30
27	8	8	7	7.7	Sc	Sc	Sc	1.4	26
28	8	8	8	8.0	Ns	St	Sc	4.6	27
29	8	8	8	8.0	Sc	Sc	Sc	0.8	30
30	8	8	8	8.0	Sc	Sc	Sc	1.0	28
31	7	7	2	5.3	Ac,As	Cs	Cu	.	28
M	6.9	6.7	6.3	6.6				43.1	

Meteorological elements January 2001

Day

1 ●02:03...05:39
2 ●06:55...07:54,●09:22...08:42,●14:34-16:15,●16:50-17:30,≋17:30-21:15,≈21:15-23:01,●23:31...24:00
3 ●00:00...00:35,●01:38...02:05,●12:21...15:32,●15:32-21:19,●21:19...23:08,=13:30-p,≡20:00-24:00
4 ≡00:00-a-p-np,●06:57...09:03,⚲19:20-19:58
5 =n-na-a-p,●10:44-13:09
6 ≡n-14:00,●01:19...01:54,●01:54-02:08,●05:22...12:12,●13:25-13:35
7 ≡03:00-06:20,≡06:20-10:00,≡10:00-11:30,=11:30-15:00,≡15:00-16:50,≡16:50-21:00,≡21:00-24:00
●00:33-08:49,●09:56...10:23
8 ≡na,≡na-07:15,●00:43-01:34,●02:32-09:34,●09:34-14:14,●18:53-23:28
9 ●00:31...00:48,≡n-09:40,=09:40-11:30
10 ●00:10-00:12,●01:29...02:08,●02:57...(09:00),≋(09:00)-11:27,●16:08...18:33

11 ⌴n-09:30,⌴15:00-np,≈22:31-23:13,⍓23:13-23:28
12 ≈06:40-06:54
13 ≈00:27-03:38,≈04:55-04:56,≈15:10...18:20,=n-a
14 =n-12:30,≡12:30-24:00,⚲09:14...10:03,⚲14:24...18:08,⚲18:43...21:26
15 ≡00:00-a-17:00,=17:00-24:00,⚲00:40...00:55,⚲04:37-04:43,≈07:33...08:09,≈08:55-09:16,≈11:07...12:44,≈14:34...16:14
16 =00:00-09:00
17
18 ⌴17:30-24:00
19 ⌴00:00-a
20 ⌴n-08:00

21 ⍓14:08...15:47,⍓16:33...20:08
22
23
24
25 =07:00-11:20,≡11:20-13:15,=13:15-15:00,≈03:42-05:52,≈05:52-10:32,≈10:42...11:39
26 ●05:17...10:22
27 ≡n-07:30,=17:00-24:00,●03:34...06:13
28 =00:00-09:00,=16:00-a,⌴16:50-24:00,●03:37-04:58,●05:47...06:16
29 ⌴00:00-09:00,●14:45...15:51,●16:12-16:36
30 =n-a,●05:56-05:57,●09:58-10:22

31 ⍓06:32...10:40

Meteorological elements February 2001

Day

 1 ⌴p-np,*01:50...02:35
 2 ⍋04:15-(07:00),*(07:00)-(16:00),↭(16:00)-17:38
 3 *00:55...05:25,*06:20-08:22,*08:14...08:38,*09:58...12:25
 4 ⌴n-a,⌴17:20-24:00
 5 ⌴00:00-03:40,*03:40-10:40,⍋10:41-(11:40),●(11:40)-14:40,●14:40...15:46,●15:46-16:50,●16:50-20:20,●20:20...21:13,●22:51-23:18
 6 ●03:15...03:41,●05:17-08:08,●08:08-08:57,●22:02-22:13,≝n-08:00,≝8:00-08:50,≝08:50-10:30,=10:30-11:40,=13:15-p
 7
 8 ⌴n-07:00,=n-07:00
 9 ⌴n-07:00
10 ☽03:53-06:08

11 ⌴17:40-n
12
13
14 ☽19:03...21:38
15 ☽00:04...04:18,●04:25-05:45
16 ⌴02:00-07:40,=na-08:00
17 ≝02:00-06:20,⍋00:11-02:43
18 *05:22-08:38,*08:38-09:58,*11:08-11:14,(R)NW-09:12-09:15,(R)E14:06-NE14:12,*16:12-18:32,*18:32...22:29
19 ⍋17:07...20:50,*21:24-24:00,*06:15...08:37
20 =n-a,*00:00-04:24,*05:40...07:33,*13:51-14:20

21 ●03:05-03:43,●04:29-09:25,●09:45-09:58,⍋11:30...13:02,⍋13:41-15:20,⍋15:58-16:08,⍋17:53-18:03,*19:50-20:01
   *21:23-22:39,(R)SE21:08-21:25,(R)W22:00-22:20,*23:30...24:00
22 *00:00...01:39,*03:21-05:58,*06:11-08:12,*09:05...09:10,*12:01-12:03,*12:32-12:41,*21:39...22:22
23 *02:00-09:25,⍋09:49-10:49
24 *13:15...14:16,*16:03...17:28
25
26
27 *na,*11:50-12:20
28 ⌴n-07:15

Meteorological elements March 2001

Day

1 ●0-1 15:51-21:45,=17:00-n
2 ≡0n-07:10,⌴0na-07:20,*1 17:04-17:22
3 V0n-07:40,=14:00-18:40,≡0 18:40-np,●0 11:51-12:30,*0-1 12:30-14:30,☼0 14:30...18:55
4 ≡2n(08:00),≡1-0 (08:00)-09:00,=0 09:00-np,☼0 09:35-10:30,*1-0 10:30-19:07,☼0 19:54...20:23
5 ●0 00:02-01:50,●0 02:31-02:43,●0 15:35...15:40,≡0 03:00-08:10
6 ⌴1n-07:50,⌴0-1 p-24:00
7 ⌴1 00:00-07:40,=(17:00)-np,⌣1 17:30-n
8 ⌴0n-07:30
9
10 =n-07:00,●0 07:30-12:30

11 =na-08:20,●0 05:47...07:14,●0 08:29...08:51,●0 18:33...19:13,●0 23:10...23:47
12 ≡0n-08:30,●0 15:57...16:12,●0 23:33...24:00
13 ●0 00:00...01:38,●0 06:02-06:17,●1 13:26-14:33,●0 14:48...15:36,●0 16:36-20:04,●0 20:19...21:18,●0 23:35...24:00
14 ≡0na-08:10,≡1 06:10-06:40,≡2 06:40-07:00,≡1-0 07:00-07:20,●0 00:00...01:11,●0 13:40-13:41,●0 14:50-14:59
15 ●0 05:18-05:20,●0 06:01-06:43,●1-0 07:21-07:53,●0 10:15-10:29,●0 11:54...12:34,●1 14:00-14:20,●0-1 15:45-16:13,●0-1 17:53...18:48
16 ≡0n-a,●0 23:48-24:00
17 ●0 00:00-00:23
18
19 ●0-1 09:26-14:15,●1-2 16:54-17:50,●0 17:50-19:02,=13:30-p
20 *0 02:46-04:19,*0 04:19-07:23,*0 07:23-18:26,*0 20:36-24:00

21 *0 00:00-05:09,*0 05:52...07:13,⍙0 08:10-08:30,⍙0 08:30-08:47,*0 12:12...12:38
22 ⌴0n-a
23
24 *0-1 11:29-24:00
25 *1 00:00-00:30,*0 06:38...07:30,*0 10:14...12:10,*0-1 12:10-24:00
26 *0 00:00-01:28,*0 02:22...02:55,*0 03:05...09:46,*0 15:23...15:46,*0 18:59...20:26
27
28
29 ⌴0n-08:10
30

31 ●0 15:19-15:52,≡1-2 22:40-24:00

Meteorological elements April 2001

Day

1 ≡1-2 00:00-07:20,≡1 07:20-07:40
2 =n-05:30,⛰0 17:45-24:00,●0 05:07...05:55
3 ⛰0 00:00-06:20
4 ⊛0 05:50-a,⛰0 n-06:40,ω0 17:40-17:55
5 ●0 14:54-17:14
6 ⛰1 n-07:45
7
8 ●0 07:33-07:51,●0 22:58...23:56
9 ●0 01:47...04:39,●0-1 05:29-10:49,●0 10:50-15:24,●1 15:25-18:02,●0 18:02-21:28,●0 21:28...22:10,●0 22:51-24:00
10 ●0 00:00-00:14,●0-1 00:25-04:05,●0 04:05-05:43,●0 07:31...10:58,●0 14:16-17:07,●0 17:58...18:23,●0 19:38-24:00

11 ●0 00:00-07:20
12 =n-07:40,●0 07:21-09:37,●1 12:59-13:20,▲0 15:10-15:27
13 *0 06:55-08:53,☄1 09:03-09:28,*0 09:44-10:12,☄0-1 10:12-10:29,☄0-1 10:37-11:07,☄0-1 11:21-11:37,☄0-1 13:17-13:58
*0 13:58-14:48,*0-1 17:21-17:51,*0 18:36...19:27,*0 20:08...21:59
14 *0 00:25...04:51,*0 05:15-07:17,*0 08:47-08:50,☄0 09:20-09:26,*1 09:52-10:53,*0 11:08-11:29,*0 11:48-11:50,☄1 12:15-12:31
*0 12:49-14:36,*0 14:58...17:05,●0 17:30-17:36,●0 18:11...21:29
15
16 ●0 06:13-06:15,●0 06:38-11:47,●0 12:16-15:23
17 ≡2 na-05:40,=05:40-a,●1-0 11:41-12:11,●0 13:18-13:32,●0 21:38-21:45
18 ●0 13:06...13:47,●0 17:30-18:31
19 ●0 01:36...02:01,●0 07:31...09:30,●0 21:20...23:26
20 ●0 04:40...04:50,●0 09:02...10:58,●1 11:34-11:38,●0-2 13:38-15:43,(R)0 SSE13:55-E-NE14:10,=14:10-np,●0-2 19:57-21:53

21 ≡0 n-09:00,●0 01:55-02:01,●1 02:08-02:43,0 03:02-03:18,●0 08:07...10:47,●0 13:42-13:54,●0 18:31...17:18,=17:45-np
22 =n-07:00,≡0 p-np,●0 07:10-08:30,●0-1 11:50-18:30,●0 22:29...24:00
23 =n-a,●0 00:00...00:39,●0 03:13...03:35,●0 04:41...05:47,●0 07:19-07:31
24 ●0-1 00:45-03:56,●0 03:58...08:38,●0 09:49...10:30,●1 10:30-15:20,●0 15:20-18:35,●1 18:35-21:10,☽0 23:27...24:00
25 ≡1 na-05:20,=05:20-06:15,☽0 00:00...01:09,☽0 05:39...07:24
26 ⛰1 n-07:20,●0 13:56-14:02,●0-1 15:12-16:12,●0 16:26...18:36,●0-1 18:41-21:06,●0 21:06...22:21,●0 23:33...24:00
27 =n-a,●0 00:00...00:10,●1-0 01:06-07:30
28 ●0 22:41-22:54,●0 23:57...24:00
29 ●0 00:00...00:57
30 ⛰1 n-a

Meteorological elements May 2001

Day

1 ▲^{0}n-06:05

2 (R)^{0}NW03:35-R^{0}03:55-04:08(R)^{0}SE04:45,●$^{0-1}$03:32-04:40

3 ▲^{0}n

4 ▲^{0}n

5 ▲^{0}n-05:30,●^{1}19:15-19:46

6 ●^{0}18:22-18:36,(R)^{0}NE14:50(one thunder)

7 (R)^{0}WNW12:20-W-WSW12:57,(R)^{0}NE16:05-NNE16:30,(R)^{0}NW16:38-16:44,=17:45-18:10,●^{0}12:30-12:33,●^{0}13:15-13:18,●^{2}16:12-17:05

8

9

10 ▲^{0}n-06:20,●^{0}12:31...12:55,●^{0}13:40...13:50,●^{0}19:42...23:44

11

12

13

14

15 ▲^{0}n

16 ●$^{0-1}$10:25-12:01,●^{0}12:18-12:23,(R)^{0}SSW09:55-R^{0}11:00-11:22-(R)^{0}NNE11:41

17 ▲^{1}n-06:10,^{0}N19:40-20:00

18 ▲^{1}n,●^{0}08:10-08:20,●^{0}11:22-12:17,●^{2}13:38-15:13,(R)^{0}E11:34-NE11:50,(R)^{0}S13:30-R^{1}13:45-14:20-(R)^{0}N14:35

19 ●^{0}01:58...04:41,●^{0}08:58...09:16,●^{0}17:43-17:53,●^{0}18:25-18:36

20

21 ▲^{0}n-a,●^{0}14:10-15:05

22

23 ⌴^{0}n

24

25

26 ⌴^{0}n

27

28 ●^{0}02:08-03:41,●$^{0-1}$04:11-07:31,●^{0}08:09...08:33,●^{1}08:42-10:49,●^{0}12:13-12:58,●^{0}17:57...19:39,●^{0}21:29-21:35,●^{0}22:00-22:03

29 ●^{0}09:59-10:16,●$^{0-1}$10:33-13:24,●$^{0-1}$22:26-24:00

30 ●^{0}00:00-00:23,●^{1}01:08-03:04,●^{0}04:24...05:24,●$^{0-1}$08:27-08:49,●^{0}10:25-10:46,●^{1}11:38-14:08,●^{0}14:34...15:14,●^{1}15:25-15:46
●^{0}16:45-16:58,●^{1}17:47-18:07,●^{1}19:13-21:36

31

Meteorological elements June 2001

Day

1 ⛰1n,●0 13:30...14:55,●0-1 18:30-19:20,●0 22:37...22:57
2 ●1 00:58-01:16,●0 05:44-05:48,●1 07:52-07:59,●1 14:20-14:28,●0 16:48-16:59,●0 22:01...22:39,●0 23:41-23:43
3 ●0 03:58-05:06,●1 09:11-09:43,●0 03:58-05:06,●1 09:11-08:53,●1-2 10:42-11:27
4 ●0 05:30-a,⛰0 n-a,●0 22:19-22:28
5
6 ⛰0 n
7 ●0 19:19...20:18
8 ⛰1n,●0 12:53...13:21,●1-2 13:30-13:43,●0 14:54...16:00,=16:00-18:30,≡1 18:30-24:00,●0 23:53-24:00
9 ●0 00:00-04:20,●2-1 04:20-06:29,●1-0 07:27-08:02,≡0 00:00-03:00,=03:00-04:30
10 ●0 19:36-21:21,●0 21:23-23:50

11 ●0 00:23...00:41,●0 05:27-06:16,●0-1 11:38-14:38,b●0 17:18...18:38
12 ●0 06:09-06:29,●b 15:01...15:44,●0 16:49-17:09,●0 17:35...19:38,●1 20:28-21:18,●0 22:43-22:53
13
14 ⛰1n-07:40,●0 11:40-12:00
15 ⛰1n-06:20
16 ⛰0n,●0 15:49-15:51,●0 19:25...19:54,●0 21:06...21:48,●0 22:19-22:21
17 ●0 03:57-04:00,●0 04:41-04:43,●0 13:39-15:53,●0 15:58...16:33,●1-0 16:38-17:25,(R)1 NW14:28-N-NE16:05,R0 17:03-17:13,=16:00-np
18 ●1-2 08:45-09:51,●0 11:30...12:35,●1 12:45-12:54,(R)0 N08:54-NNE-NNE09:27
19 ●0 18:15-18:17
20 ●0 08:31-08:37

21 ⛰0n-08:10,●0 22:28...23:52
22 ●0 06:06...06:36,●1 08:11-08:17,●0 09:16-09:18,●1 09:44-09:57,●1 12:37-12:40,(R)0 S09:55-SE10:20,(R)0 W12:50-NW13:15,●1 00:39-00:51
23 ●0 00:36...01:29,●0 02:25...03:36,●0 06:07...08:32,●0-1 08:41-12:11,●0 12:11...16:17,●0 18:22-18:46,●1 18:46:23:19,●b 23:19-24:00
24 ●0 00:00-03:41,●b 03:41...05:13,●b 06:06...07:12,●b 08:03-08:09,●0 08:39-09:44,●0 10:01-10:15,●0 10:29-10:35,●0 11:05-11:10
●0 11:21-12:07,●1 12:22-12:28
25
26 ⛰0n-07:30,●0 14:30-14:48,●1-2 16:33-17:10,(R)0 N12:50-N-NNE14:15,(R)0 WNW16:20-NW-N18:30,≡0-1 18:10-(20:00)
27
28 ⛰1n
29 ⛰1n-05:30,(R)0 SW12:58-WSW-W13:10
30 ⛰1n,●0 10:04-10:25,●2-1 11:25-13:00,(R)0 SW11:22-S-SE11:50

Meteorological elements July 2001

Day

1 (R)SSE16:55-R17:15-17:20-(R)W18:12,(R)N17:50-NNW-NW19:15,●19:06-19:30
2 ●01:33-03:20,●03:27...05:33,●05:59-06:34,●08:53...07:02,●07:31-10:23,●13:20-13:31,●13:38-13:51
●14:02-14:04,●16:02-16:30,●16:32...17:26
3 ●02:54-03:38,●03:38-05:14
4 ▲n-08:00,●16:38...17:38
5
6 ▲n-a
7 ●23:04-23:09
8 (R)NNW10:23-W-WSW12:35,(R)SE11:50-E-ENE13:25,●11:22-11:27
9 ●01:10-02:30,●08:19-08:36,●10:41-10:49,●10:52-11:22,(R)N09:25-NE09:37,Δ10:49-10:52,R10:59-11:20-(R)NE12:03,●11:47...13:06,●14:10-14:19
●14:29...15:35,●15:51-16:07,●16:41-16:45,●18:58-19:03
10 ●03:10...05:31,●05:37-08:12,●16:57-17:03

11 ▲n-07:00,●14:44-14:45,●15:41...16:16,●16:53-16:54,●22:00-22:27,●23:03-23:10
12 ●20:46...21:06
13 ▲n-06:20
14
15 ☾NW22:15-22:30
16 (R)W19:50-NW-N20:30,☾NW20:30-22:15,●20:30-20:40
17 (R)n,●06:38-07:01,(R)NE12:01-NNE12:14,(R)NE15:45-R15:50-16:20-(R)SW17:08,(R)SSW17:30-R17:34-18:10-(R)NNE19:10
(R)SSE(18:35)-R18:55-19:02(R)N19:43,●11:57...12:32,●13:18-13:24,●16:19-16:59,●17:34-19:10,●19:10-(21:00)
18 ●09:44-09:45,●10:38-11:34,●12:44...16:37
19 ▲n-07:20,●21:57...24:00,(R)NW23:10-NNW-N23:58
20 ●00:00...00:34,●01:21...02:08,●02:18-02:44,●16:44...18:08,●19:50...20:26,●20:50-22:50,(R)ENE18:25-NE-N18:40,(R)SSE16:40-E-NE17:45
(R)SW19:26-W-NW-N-NNE22:28
21 ●12:10...13:33,●13:50-15:53,●16:29...17:57
22 ●01:56-03:31,●03:31...04:20
23 ☾SW(20:00)-n,(R)ENE18:20-E-SE19:15,(R)NW20:50-R22:00-22:15-(R)NE23:50,●05:30-05:32,●06:01...08:35,●13:59-14:02
●14:24-14:25,●14:56-14:58,●18:23-18:34,●19:13...20:13,●21:18-24:00
24 ●00:00-00:55,●06:22...07:33,●12:25-12:42,●13:41-13:42,(R)NNW11:50-NW12:06,☾E(19:00)-(19:15),☾W(20:00)-22:40,●19:16-19:55,●19:55-23:20
25 ●00:00...00:18,●00:59-21:03,●21:26-21:50,(R)SE21:11-E-NE21:40,☾NE21:40-n
26 (R)W10:40-NW-NNW11:35,(R)W11:50-NW-N12:24,(R)E11:54-NE-NNE12:56,(R)SSE12:20-E-NE13:58,●12:01-12:23,●13:24-13:59●16:19...16:29,●20:36-22:09
27 ●00:44-01:00,●03:13...04:09,●06:52...07:01,●08:43-08:49,●09:15-11:02,●11:31-12:31,●12:38...12:51,●13:56-14:08,●14:28-15:43,●16:23-16:34
(R)W12:38 (one thunder),(R)W13:20-13:25,(R)NW14:14-R14:58-15:10-(R)S15:46
28
29 ●17:20-17:25
30 ▲n-07:50

40. 14 14,●21:41-21 43,●21:59-24 ☾21:50-22:28

Meteorological elements August 2001

Day

1 ●0-1 00:00-44,●0 01:05...02:21
2 ▲1 n-07:50,▲0 16:30-24:00
3 ▲1 00:00-07:40,●0 10:55-11:10
4 ●0 03:08...03:35,●2 20:52-22:36
5 ●0 09:16-09:55,●1 11:14-12:03,●0 12:20...13:23,≡0 na-a
6 ▲1 n-08:20
7 ▲1 n-08:35,●0 09:00...09:02,●0 14:24-14:41,●1 14:58-15:20,●2 17:58-18:44
(R)0 SSE14:25-R0 14:55-15:00(R)0 N15:15,(R)0 SW17:40-WSW-W18:10
8 ☾1 SE18:58-20:40,●0 22:07-22:10
9 ●0 00:21...01:48,●0 03:27...03:38,●1 03:39-04:28
10 ●0-1 08:17-11:08,●0 11:35-11:40,●0 14:18...14:33,(R)0 SE09:05-SSE-S10:00

11 ●0 13:39-13:42
12 ▲1 n-07:40
13 ▲1 n-08:00,●0 14:01...15:22,●0 15:57-16:15
14 ●0 00:42-00:53,●0 02:13...02:55,●0 04:51-04:53,9 0 07:38-07:51,●0 10:38-10:40
15 ▲0 n-07:30
16 ▲1 n-08:15
17 ▲1 n-08:35
18 ▲0 17:30-24:00,☾0 E23:30-23:45
19 ▲0-1 00:00-08:20
20 ▲0 n-08:30

21 ▲0 n-07:00
22 ▲0 n-07:00,(R)0 NE16:15-N-NW17:15
23
24
25 ▲0 n-07:00
26 ▲0 n-07:00
27 ▲0 n-07:00,(R)0 WNW17:22-R0 17:57-18:20(R)0 E18:42,●1 17:55-18:55,●0 19:45...20:44
28 ●0 09:34-09:39,●0 11:14-11:17,●0 11:55-12:00,●0 12:55-12:58,●0 16:17-16:40,●0 18:47...19:06
●0 19:17-19:48,●0 21:18-21:28,●0-1 22:01-24:00
29 ●0-1 00:00-02:24,●0 02:24...04:12,●0 04:34...05:04,●0 07:48-07:52
30 ▲0 n-07:00,≡0 n-05:30,≡0 05:30-06:00,▲0 17:30-24:00

31 ▲0-1 00:00-07:50

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1 n-07:45,13:33-14:25,14:32-14:40,16:49...18:13,18:13-18:28,18:59-19:09
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6 p-24:00,04:44...05:49
7 00:00-07:00
8 08:18...08:30,08:52...10:43,10:43-11:35,11:54-12:57,13:12-13:19,15:10-15:13,15:21...16:12
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12 01:54...02:18,02:41-03:52,07:12-07:22,10:24-10:25,15:45...18:28
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14 00:00...03:03,07:09...07:19,22:52-22:58
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24 00:00-a,17:00-24:00
25 00:00-09:20
26 n 16:50-24:00
27 00:00-08:00
28 02:28...03:26,03:38-10:23,10:27-10:29,10:54...11:49,12:15-13:00,p-24:00
29 00:00-04:00,17:20-24:00
30 00:00-03:30,03:30-05:30

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2 ●01:49...05:02,●14:00...14:29,▲17:00-24:00
3 ▲00:00-09:45,▲16:00-18:54,●18:54-19:06,●19:16-19:26
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5 =18:30-np
6 ≡na-06:25,=06:25-07:00,=p-np,●07:50-07:52
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8 ●00:00-00:03,=n-07:00,▲17:00-np,=17:30-np,●00:03-00:52,●01:00...01:21,●01:47...01:58,●05:33-05:35
9 ≡n-05:00,=05:00-06:40,=15:00-18:20,≡18:20-23:40,≡23:40-24:00
10 ≡00:00-a,=a-08:50

11 ●03:56...04:58,●04:58-08:36,●08:55...09:48,●11:54-12:02
12 ▲n-a,=n-08:00
13 =14:00-(19:00),≡19:00-np
14 ≡n-05:40,≡05:40-06:30,=06:30-(08:00),=17:20-18:30,≡18:30-np
15 ≡n-07:00,=07:00-07:50,=16:00-17:00,≡17:00-18:00,≡18:00-np
16 =n-08:20,=17:45-np
17 ≡n-09:30,=09:30-np,●08:50-08:53,●13:05-13:07,●14:20...15:28,●16:03...16:47,●16:47-18:49
18 =na-07:15,≡15:15-np
19 =na-06:50,▲16:00-24:00
20 ▲00:00-11:30,=n-07:00

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23 ●10:17-10:20,●10:41-10:43
24 ⌴n-07:10
25 ⌴n-07:00,●22:30-22:33
26 =17:55-np,●04:33-04:35
27 ≡n-07:00,⌴n-07:00,▲17:00-np
28 ●01:16-03:13,●03:13...04:34,=11:30-np,●11:00-14:00,●18:18-19:11,●21:09-22:12,●23:25-23:28
29 ●00:35- 01:44,●02:23-02:28,●03:31-03:36,●03:48-03:52,●05:08-05:13,●11:12...12:13,●12:41...14:41
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30 =n-a,●01:50-05:38,●05:48...07:01,●07:01-10:13,●10:58-11:00,●12:07...13:41,●16:32...18:14,●19:29...19:53

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Meteorological elements November 2001

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1 ●00:43...01:03,●03:25-03:29,●06:12-06:15,●08:32...10:48,●11:13-11:24,●11:55-12:30,●13:25...14:08,●19:22...19:37
2 ⌴n-a,⌴17:50-24:00
3 ⌴00:00-03:00,=10:50-15:00,ϟ10:58-11:48,ϟ14:06...15:40,ϟ17:35-17:38,ϟ17:55-17:58
4 ϟ02:08-02:12,ϟ02:37-02:51
5 ●01:13...01:57,●01:41...03:21,●06:36-06:48,●07:17-07:28,●09:24-09:31,▲09:31-09:33,●09:34-09:42,●15:48-15:57
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22 ●02:09-02:13,●02:53-02:57,●04:15-06:32,●07:02-08:07,●08:14-14:30,●14:34...14:52,●15:02-15:53
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26 ᴍ00:00-10:18,=14:20-15:00,=15:00-np,⌴18:30-24:00
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28 ᴍ06:14-06:23,ᴍ06:46-06:49,ᴍ08:54-09:30,ᴍ11:17-11:37,ᴍ12:47...14:09,ᴍ16:55-24:00
29 ≡n-17:20,≡17:20-np,ᴍ00:00-01:16,ᴍ01:37-01:42,●09:08...10:35,●11:25-11:27,●11:58-12:30,☼12:30...14:14,●16:31...17:18
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Meteorological elements December 2001

Day

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3

4

5 =n-10:30,△ 17:30-18:00,△ 21:45-22:19

6 △ 00:13...00:46,△ 01:24...01:56,△ 03:08...03:44,△ 08:12-09:39,△ 10:31...12:09,△ 12:09-13:50,△ 13:50...15:20

7 * 02:41-02:44,* 06:59...08:34,* 09:18-09:21

8 ⌴ n-a

9 V n-a-p,=06:30-a-p,* 22:15-22:17,* 22:33-22:35,* 23:04-23:08,* 23:43-24:00

10 * 00:00-06:55,△ 06:55-07:15,* 07:15-08:00,△ 08:00...10:16,△ 10:16-11:47,△ 11:57-14:23,△ 14:38-14:57,* 14:57-20:23
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12 * 00:13-05:22,* 05:45-06:38,● 08:01...09:00,● 10:40...10:49,* 12:20-13:10,* 14:32...17:07

13 * 14:54-14:57,* 15:55-15:58,* 16:13-16:16,* 18:52-16:55,* 18:06-18:09,* 19:05...24:00

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19 * 00:22...01:00,* 03:13...03:45,△ 07:15...08:51,△ 09:58-10:03,△ 10:45...12:43,* 12:58-13:14,● 13:57...17:35,● 17:58-19:38
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21 ⌴ n-a,* 11:09-16:44,* 16:59-17:01,* 17:48-17:50,* 18:02-24:00

22 * 00:00-01:57,* 02:35...03:06,* 03:37-03:47,* 10:53...12:06,* 12:44...13:59,* 14:00-15:05

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30 * 09:09-09:43,* 10:05-10:07,* 15:29-15:31,* 16:26...22:26,* 23:36-23:39

31 * 02:35...04:26,* 14:40...15:10,* 15:45...17:11,* 19:56-20:08

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Marek Chrobak (1948–2001)
Wspomnienie pośmiertne
Obituary

W dniu 19 lipca 2001 r. po żałobnej mszy świętej odprawionej w kościele św. Tadeusza, parafii Marka na Sadybie, towarzyszyliśmy Mu, wraz z gronem Jego najbliższych oraz bardzo licznych przyjaciół, w ostatniej Jego drodze do grobu rodzinnego na Cmentarzu Komunalnym Powązki (kwatera H-2/10).

Spoczął u boku swojego ojca Stanisława – przedwojennego oficera, walczącego we wrześniu 1939 r. i w czasie okupacji w Armii Krajowej. Od niego sprawę walki o niepodległość i niezawisłość Ojczyzny przejął w genach i starał się realizować ten zaszczytny obowiązek, na swój solidarnościowy sposób, w ciężkich okresach ostatniej powojennej historii Polski.

Z urodzenia Marek był warszawiakiem; urodził się 15 lipca 1948 r. Tu na Żoliborzu ukończył w 1966 r. Liceum Ogólnokształcące nr 1, a później w 1968 r. policealną Państwową Szkołę Przemysłu Naftowego Ministerstwa Górnictwa i Energetyki, ze specjalnością technika geofizyki. Jeszcze tego samego roku, w grudniu, rozpoczął swoją pierwszą pracę zawodową w Instytucie Geofizyki PAN, w Pracowni Elektryczności Zakładu Fizyki Atmosfery. Przepracował tu całe swoje zawodowe życie, nieprzerwane 33 lata.

Pracę w IGF-ie połączył z wieczorowymi studiami na Wydziale Elektroniki Politechniki Warszawskiej, które ukończył w 1988 r., uzyskując tytuł inżyniera telekomunikacji. Jego praca dyplomowa pt.: "Układ do pomiaru natężenia pola elektrycznego metodą dynamiczną" była poświęcona zadaniu zbudowania, w Pracowni Elektryczności Atmosfery, własnej aparatury pomiarowej oraz wykorzystania jej do potrzeb prac stacyjnych w Polskiej Stacji Polarnej IGF-u w

Hornsundzie (na Spitsbergenie). Marek miał to szczęście, że jako jeden z uczestników Wyprawy Polarnej IGF-u na Spitsbergen w 1986-1987, mógł tam po raz pierwszy zainstalować i rozpocząć tym samym serię pomiarów pola elektrycznego w warunkach polarnych. Brał udział w budowie i instalowaniu aparatury do rejestracji gęstości prądu pionowego na stacji w Józefosławiu koło Warszawy. Uczestniczył w różnych pomiarach terenowych z zakresu elektryczności atmosfery.

Poza konstrukcją nowych przyrządów i prac pomiarowych Marek był niezastąpionym konserwatorem całego sprzętu pomiarowego Pracowni. Dzięki Jego niespotykanej smykałce technicznej i zdolnościom manualnym (był oburęcznym mistrzem w wykonywaniu wszelkiego typu połączeń lutowniczych) można było rozwiązać niejeden problem związany z usterkami rozlicznej starej i nowej aparatury Pracowni, nad którą sprawował swoją inwentarzową opiekę.

Był dobrym człowiekiem, znanym ze swej koleżeńskiej i przyjaznej postawy dla wszystkich. Oprócz zawodowego zainteresowania elektroniką, pociągało Marka, w zupełnie inną stronę, Jego bibliofilskie hobby. W swoim prywatnym księgozbiorze zgromadził ponad kilkaset tytułów z całej literatury światowej, historii Polski i wojskowości. Książki kupował nie po to, żeby wypełniać nimi półki regałów, ale żeby je czytać. Znał dobrze historię Polski i był wierny tradycji patriotyczno-religijnej wyniesionej z rodzinnego domu. Zawsze oddany był swej rodzinie. Pozostawił żonę Ewę i syna Bartłomieja.

W naszej pamięci pozostanie Jego, odziedziczony po matce, charakter lwowskiego batiara, zawsze solidarnego ze słabszym i znajdującym się w potrzebie bliźnim.

On July 19, 2001, after a holy mess at the St. Thaddeus church, we paid our last farewell to our friend and colleague, engineer Marek Chrobak.

His whole professional life, 33 years, was connected with the Atmospheric Electricity Laboratory at the Institute of Geophysics. He graduated from the Faculty of Electronics, Technical University of Warsaw, getting the degree of telecommunication engineer. Full of ingenuity and manual skill, he has been designing and constructing the instruments, making measurements and servicing the whole equipment of the laboratory. He built a field mill for electric field measurements in polar conditions, and installed it at the Polish Polar Station in Hornsund, Spitsbergen, taking part in the 1986-1987 expedition to Spitsbergen. He participated in construction and installation of vertical current density arrangement in Józefosław near Warsaw, and in various atmospheric-electric field surveys.

In addition to his professional engagement and passion to electronics, Marek was deeply interested in history and literature. He collected a large library of books devoted to the history of Poland. He cultivated the patriotic tradition of his family.

We will remember Marek as a very good friend, full of empathy and always ready to give help to everybody in need. We will miss him a lot.

Piotr Barański
Instytut Geofizyki PAN

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D-58 (342) Atmospheric Electricity Observations, Świder 2001

C-82 (343) Results of Geomagnetic Observations, Belsk 2001

C-83 (344) Results of Geomagnetic Observations, Hornsund 2001

C-84 (345) Results of Geomagnetic Observations, Hel 2001

B-28 (346) Seismological Bulletin, Broadband Seismic Stations 2001

M-25 (347) Wybrane Problemy Geofizyki Współczesnej
(Some Current Problems in Geophysics),
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M-26 (348) Bibliography and Activity Report of the Institute of Geophysics

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