POLSKA AKADEMIA NAUK
INSTYTUT GEOFIZYKI

PUBLICATIONS OF THE INSTITUTE OF GEOPHYSICS POLISH ACADEMY OF SCIENCES

D-52 (321)

RESULTS OF ATMOSPHERIC ELECTRICITY AND METEOROLOGICAL OBSERVATIONS S. KALINOWSKI GEOPHYSICAL OBSERVATORY AT ŚWIDER—1998

WARSZAWA 1999

„Publications of the Institute of Geophysics, Polish Academy of Sciences" (previously „Materiały i Prace") at present appears in the following series:

A - Physics of the Earth's Interior
B - Seismology
C - Geomagnetism
D - Physics of the Atmosphere
E - Water Resources
F - Planetary Geodesy
G - Numerical Methods in Geophysics
M - Miscellanea

Every volume has two numbers: the first one is the current number in the series and the second one (in brackets) is the consecutive number of the journal.

POLSKA AKADEMIA NAUK
INSTYTUT GEOFIZYKI

PUBLICATIONS OF THE INSTITUTE OF GEOPHYSICS POLISH ACADEMY OF SCIENCES

D-52 (321)

RESULTS OF ATMOSPHERIC ELECTRICITY AND METEOROLOGICAL OBSERVATIONS S. KALINOWSKI GEOPHYSICAL OBSERVATORY AT ŚWIDER—1998

WARSZAWA 1999

Editorial Office
Instytut Geofizyki Polskiej Akademii Nauk
ul. Księcia Janusza 64, 01-452 Warszawa, Poland

SUBSCRIPTION
Subscription orders should be addressed
directly to the Editorial Office.
The list of issues to be published in 1999
is on the inside back cover.

This publication is partly financed by the Polish Committee for Scientific Research

ISBN-83-85173-93-5 ISSN-0138-0125

Camera ready copy prepared by:
Dział Informacji i Wydawnictw Naukowych
Instytutu Geofizyki PAN

Printed and bound by:
PPH Remigraf sp. z o.o.
Ratuszowa 11, 03-450 Warszawa

PUBLS. INST. GEOPHYS. POL. ACAD. SC., D-52 (321), 1999

Results of Atmospheric Electricity and Meteorological Observations S. Kalinowski Geophysical Observatory at Świder, 1998

Marek KUBICKI

Institute of Geophysics, Polish Academy of Sciences
ul. Księcia Janusza 64, 01-452 Warszawa, Poland

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 1998. Data for the years 1957–1965 have been published in *Prace Obserwatorium Geofizycznego im. S. Kalinowskiego w Świdrze* and for 1966–1998 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.

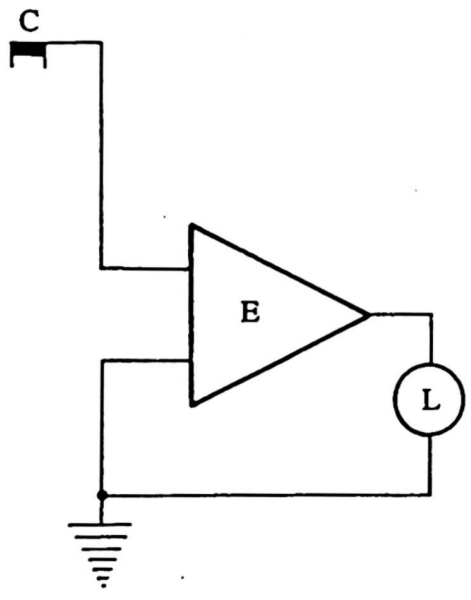


Fig. 1. Block diagram of the set recording the electric field strength; C – radioactive collector, E – electrometer, L – logger.

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 ($10^{14}\Omega$) as compared to the so-called collector resistance (about $7\times10^{10}\Omega$), 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 electrometer is placed in the measurement pavilion and is connected with the aspiration condenser by means of a buried high-resistance screened cable. 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

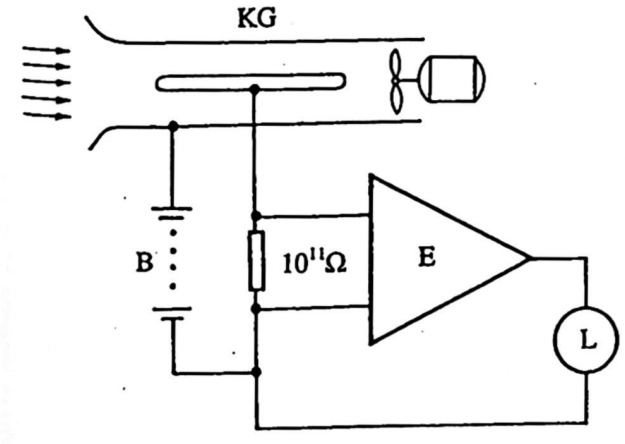


Fig. 2. Block diagram of the set recording the electric conductivity of the air; KG – Gerdien's aspiration condenser, B – battery of electric cells, E – Keithley 614 electrometer, L – digital logger.

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 9). 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 average values of air temperatures measured two times a day (6^h, 18^h GMT) and Max and Min values. The monthly means *M* were calculated from daily means.

The tables beginning on page 59 list the timing (in GMT) and intensity of other meteorological phenomena; the international meteorological symbols are used.

In 1998, atmospheric electricity and meteorological observations, as well as the data treatment, were carried out by M. Kubicki, W. Kozłowski, D. Jasinkiewicz, and G. Szubska. The material was prepared for publication by M. Kubicki. The project was supervised by Dr. S. Michnowski.

Received: November 5, 1999

Accepted: December 12, 1999

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 1996

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	256	276	276	261	280	324	326	288	320	153	48	-10	84	146	210	256	295	239	292	306	333	302	296	256	–	242	389	666	1055
2	194	182	196	162	224	269	204	246	258	253	256	297	322	311	288	211	129	180	168	227	252	196	212	196	–	226	361	77	284
3	166	157	178	207	213	221	220	259	281	321	308	333	361	386	356	408	314	228	189	225	196	205	186	<-123	–	<242	468	<-995	>1463
4	<-630	<-313	<-245	-205	117	141	184	210	260	263	269	273	292	300	328	377	329	|	–	–	–	337	330	258	–	–	–	–	–
5	201	182	34	132	187	78	226	209	255	|	296	297	235	281	295	309	326	374	373	369	372	340	341	324	–	–	–	–	–
6	339	330	>357	|	-153	125	164	76	159	-34	249	332	331	318	435	530	420	|	232	-30	-134	-19	138	152	–	–	–	–	–
7	111	165	181	179	199	264	255	261	236	272	342	395	372	399	441	253	-269	-32	<-313	-82	190	237	256	237	–	<190	510	<-995	>1505
8	183	206	185	199	217	253	283	260	291	315	|	180	|	|	<-103	<-221	<-108	62	146	199	258	293	301	267	–	–	–	–	–
9	<43	<-599	-263	98	31	46	35	180	167	199	158	215	341	294	325	416	482	463	501	550	448	494	363	314	–	<221	660	<-995	>1655
10	245	257	248	353	340	226	315	468	567	643	682	623	429	388	381	414	407	310	215	245	218	262	304	271	–	367	793	99	694
11	163	134	143	54	71	195	217	55	256	322	291	288	296	321	325	305	354	344	345	341	387	406	316	215	–	256	482	-82	564
12	81	29	62	95	110	124	112	141	259	291	428	382	356	351	379	318	261	281	299	236	132	119	199	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	346	384	384	334	334	331	318	293	346	406	469	673	502	390	415	–	–	–	–	–
14	318	451	432	418	232	172	150	195	184	173	208	255	216	237	265	392	398	421	130	136	156	114	167	117	–	247	565	63	502
15	137	116	81	118	71	104	171	147	183	314	317	325	322	368	321	252	200	271	160	159	194	87	123	186	–	197	464	-7	471
16	140	150	181	149	186	205	230	218	177	240	338	422	436	434	409	380	383	318	302	297	285	255	216	189	–	273	464	73	391
17	242	218	235	46	-175	-83	-13	29	-143	-89	24	75	92	39	<-579	-21	118	221	314	376	334	349	373	389	–	<99	444	<-995	>1439
18	308	262	242	250	257	253	283	325	340	332	350	322	330	356	418	494	560	510	496	469	467	513	506	483	–	380	657	195	462
19	420	406	361	345	361	347	372	381	408	452	415	418	472	466	409	263	285	293	250	280	291	321	264	222	–	354	525	148	377
20	217	240	236	230	239	250	235	281	294	224	308	276	271	269	279	273	310	336	296	292	345	374	321	342	–	281	480	117	343
21	328	317	333	264	257	210	159	82	166	271	112	-33	-142	-43	3	129	172	127	173	222	115	226	172	171	–	158	415	-230	645
22	91	111	119	111	66	115	128	143	188	193	200	245	311	399	409	444	431	436	472	481	455	432	404	371	–	281	548	-36	584
23	344	346	343	345	391	398	436	485	553	580	623	550	496	525	611	625	640	662	706	776	694	616	592	568	534	534	879	196	681
24	656	548	495	399	360	369	436	500	472	431	377	394	399	384	364	331	481	615	679	520	599	568	490	533	–	476	963	196	767
25	455	369	392	359	420	432	419	335	314	462	482	485	451	472	420	436	482	624	655	544	571	671	698	596	480	480	917	177	740
26	621	426	>612	642	544	638	436	545	345	305	473	423	364	323	384	418	513	529	454	212	91	128	117	222	–	>407	>1029	-4	>1033
27	225	190	177	199	216	224	220	222	267	294	204	203	294	286	349	309	173	234	193	192	213	215	216	223	–	231	425	65	360
28	225	200	214	258	318	257	146	<-524	<-9	-22	-23	-33	-63	12	63	98	2	118	155	178	162	143	171	149	–	<91	917	<-995	>1912
29	154	126	124	126	109	80	98	135	153	232	285	365	361	225	57	280	268	255	182	174	203	165	235	200	–	191	482	-591	1073
30	122	17	241	187	36	26	33	-266	-206	-16	-111	-180	-368	-134	-204	<-254	-109	-79	-142	-14	61	159	296	274	–	<-26	670	<-995	>1665
31	<-499	172	151	154	196	264	323	380	384	350	341	292	229	247	306	334	303	322	261	245	251	231	239	244	–	<239	418	<-995	>1413
A	386	301	275	263	310	323	300	316	329	372	383	393	383	380	384	382	403	415	385	354	379	355	351	335	361				
N	<195	<189	211	212	196	218	227	<209	<246	269	284	284	275	290	<267	<293	<265	311	<286	287	294	298	298	<276	254				

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	o,hf	c,r,l	o,r	o,r	o,r	o,r	c,r	o,hf	o,hf	b,hf	b,hf,r	o	o	o,hf	o	o	o	o	o,r	o,hf	b,hf	b	b,hf	b,hf	c,hf	o	o,hf	o,s	b,s
	f,hf	hf,f							hf,r	r,m.	m.	f	f,m.	hf,m.	hf,f	f,m.	r,f		hf,r	r,d	r,d	s,r		hf,m.		f,m.	g,m.	hf,s	s		wind

February 1998

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	203	158	160	202	212	222	230	304	330	375	418	439	460	425	397	404	544	613	614	524	228	16	71	101	–	319	782	-110	892
2	132	185	195	207	168	151	144	197	303	428	554	556	603	533	540	506	509	432	398	440	424	355	269	210	–	352	710	70	640
3	141	62	47	46	98	135	75	54	–	–	–	–	–	–	–	–	–	|	>101	|	110	-21	28	-128	–	–	–	–	–
4	107	118	172	201	176	152	190	221	220	305	274	253	187	252	273	351	374	411	388	303	211	364	430	441	–	266	491	-195	686
5	446	468	365	339	345	402	297	268	335	306	-104	132	141	234	401	365	271	136	141	87	28	63	44	53	–	232	521	-234	755
6	56	76	77	70	47	10	-81	-46	-135	-14	-97	-69	-104	-92	-15	-190	-256	-181	-26	-58	11	20	11	-88	–	-45	317	-536	953
7	184	143	178	122	124	115	165	144	-4	94	187	220	220	251	293	363	329	389	401	286	225	216	147	53	–	202	603	-80	683
8	16	58	54	138	185	231	219	140	125	16	-51	-60	-112	-62	51	-109	142	206	262	278	290	251	243	247	–	115	313	-611	924
9	246	254	265	270	270	301	278	241	299	320	311	365	417	389	338	247	188	54	-94	5	30	114	165	172	–	227	452	-148	600
10	226	227	242	282	302	318	350	385	409	359	330	337	335	336	347	346	263	240	303	337	274	247	234	212	–	302	444	154	290
11	233	235	209	216	206	225	206	221	259	257	178	157	101	110	106	175	183	212	239	291	295	272	235	209	–	210	317	18	299
12	176	-205	-374	-353	-307	-257	-236	-187	-216	-253	-153	-36	-16	-19	-74	-89	-50	-62	-158	-91	-74	-65	-34	-116	–	-135	236	-489	725
13	-72	-58	-35	-55	-64	-128	-115	32	27	185	170	239	263	279	277	269	346	415	377	451	512	457	469	468	–	196	596	-318	914
14	460	561	674	523	568	379	254	364	349	410	331	235	119	-55	29	-149	-87	50	90	80	85	33	46	49	–	225	817	-338	1155
15	11	-225	-88	109	123	247	56	-104	-18	-78	90	124	271	166	213	117	144	132	252	323	207	107	133	113	–	101	453	-368	821
16	112	51	30	106	72	11	-37	10	305	326	336	369	383	364	288	-26	-14	228	237	257	301	268	12	<-324	–	<153	432	<-995	>1427
17	<-501	<-565	<-158	<-40	159	219	276	304	318	304	302	269	236	215	164	259	309	351	325	340	308	242	217	221	–	<170	380	<-995	>1375
18	200	205	245	256	243	252	289	290	347	257	70	-88	-73	-16	-36	-46	18	-17	-33	64	88	166	83	42	–	117	378	-226	604
19	75	55	76	107	157	192	212	228	224	269	237	278	308	178	|	|	|	175	151	184	352	328	359	277	264	–	–	–	–	–
20	265	197	141	162	243	262	209	235	215	223	223	251	236	219	247	243	253	274	304	295	320	241	212	46	–	230	424	-13	437
21	41	28	93	65	67	-1	10	145	253	329	355	348	420	462	399	374	387	379	311	263	156	165	193	189	–	226	529	-79	608
22	188	207	225	260	257	226	261	317	349	309	316	286	276	269	254	211	248	281	345	389	370	444	309	263	–	286	541	65	476
23	322	349	170	149	281	233	166	413	399	369	343	334	322	311	309	264	206	183	224	213	177	174	234	260	–	267	467	-61	528
24	221	182	165	141	140	128	117	34	-88	-23	-32	-31	12	-8	-63	-75	-13	-15	6	-18	183	108	195	209	–	61	436	-579	1015
25	214	217	242	246	277	304	410	407	329	315	307	294	304	322	333	304	299	380	466	529	391	311	193	87	–	312	630	-27	657
26	-32	14	114	142	153	171	241	247	173	254	197	243	229	249	298	312	304	313	321	307	289	250	226	183	–	217	359	-183	539
27	205	208	201	201	203	214	241	275	281	266	242	255	211	203	220	241	234	256	225	177	174	190	155	173	–	219	290	110	180
28	173	153	146	149	151	163	175	168	179	190	211	206	213	205	253	|	|	|	175	282	270	265	264	230	–	–	–	–	–	–
A	236	238	274	249	266	241	260	292	329	353	370	370	343	330	331	325	328	336	344	371	304	285	265	248	311					
N	<145	<120	<137	<152	173	174	164	190	206	226	205	219	221	212	225	187	204	224	>228	248	222	201	181	<137	194					

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
	b,hf	o,hf	o s,m.	c,s	o	o,m. f,r,d	o,m. f,d	o,hf r,s m.	o r,d	c,r wind	o,r	o,r	o,r	c,hf g,m. r,f	o r,f	o r,m.	c,r wind	o,hf d,m.	o,d r,f	o	o,hf f	o,hf	o,f,r	o,r d	c hf,r	o,r	o	o,r wind

March 1998

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	253	229	207	207	194	205	217	224	246	222	163	74	219	230	225	214	225	231	268	285	295	316	251			–	–	–	–	–
2			128	186	200	231	268	302	307	286	293	302	279	249	241	249		87	81	164	183	252	224	230		–	–	–	–	–
3	233	211	217	218	206	228	268	273	211	214	207	-182	-94	-144	-9	71	142	170	199	1	<-541	<-534	<-433	-82		–	<44	312	<-995	>1307
4	-47	<-401	-277	<-153	88	84	127	200	241	189	232	289	255	244	262	201	106	189	267	277	249	238	216	>257		–	138	>1029	<-995	>2024
5	226	136	112		89	80	76				127	143	88	228	242				194	180	37	173		208	202	–	–	–	–	–
6	185	-105	-39		<-63	140	253	236	323	298	298	281	245			136	287	404	558	540	420	426	445	386		–	–	–	–	–
7		185	238	273	280	249	267	281	275	266	280	197	-11	<-954	<-596	<-675	<15	-176	-193	33	115	183	191	191		–	–	–	–	–
8	159	117	137	121	188	239	212	219	148	<-26	182	212		225	239		407		-145	-62	0	202	232	260		–	–	–	–	–
9	294	228	179	160	168	214	321	339	295	338		294	285	>659		238	305	343	420	398	339	328	314	285		–	–	–	–	–
10	227	242	307	616	574	293	333	343	315	300	282	260	269	278	279		>703	308	311	365	389	463	496	375		–	–	–	–	–
11	401	456	439	388	369	405	566	479	326	290	259	279	289	295	300	299	322	369	407	441	631	706	409	357		–	395	948	175	773
12	350	381	357	301	378	462	565	606	381	–	279	283	314	319	278	278	264	356	372	412	544	530	440	460		–	–	–	–	–
13	513	403	314	296	292	327	329	346	273	250	243	219	225	229	194	210	90	181	229	244	234	146				–	–	–	–	–
14							215	88	36	60	95	204	216	109		249	256	274	<-381	174	202	215	220	247						
15	227	215	195	194	203	218	246	264	319	338	333	311	316	320	329	333	341	400	439	441	543	619	622	558	347	347	755	159	596	
16	493	439	430	443	501	565	678	558	457	341	321	317	359	332	333	313	373	494	519	481	516	722	>848	>895	–	>489	>1029	210	819	
17	>796	733	560	484	432	384	457	528	444	260	259	286	301	311	320	323	339	443	>708	>924	853	757	642	533	–	>503	>1029	190	839	
18	494	403	285	283	102	142	185	279	355	351	372	344	244	136	291	220	110	137	201	172	263	133	-44	124	–	233	657	-364	1021	
19	219	201	184	184	204	232	256	274	277	–	[>276]	238		389	327	302	250	210	181	171	235	285	298	317	–	–	–	–	–	
20		31	151	217	149	218	193	273	377	350	339	305	272		<-591	344	594	466	>769	401	272	412	515	288	–	–	–	–	–	
21	267	327	316	316	298	266	289	>495	325	323	298	175	>455			284	378	415	389	>506		364	421	375	–	–	–	–	–	
22	394	324	329	339	325	245	335	400	378	309	278	242	229	236	233	269	293	291	354	402	421	406	373	310	–	322	498	149	349	
23	264	256	246	240	257	304	365	385	373	357	344	293	342	363	393	445	528	505	499	444	457	391	297	263	359	359	709	197	512	
24	231	246	257	261	298	346	370	381	437	450	362	332	303	285	290	335	306	417	337	375	378	360	317	247	–	330	611	169	442	
25	206	203	182	209	169	216	350	400	418	362	342	310	283	250	251	261	274	307	422	434	408	401	357	315	305	305	596	109	487	
26	269	221	237	249	241	256	325	297	276	243	261	268	272	331	315	301	315	310	357	388	365	276	285	301	290	290	450	66	384	
27	255	226	261	309	329	359	405	342	347	402	333	305	278	258	246	249	213	292	329	320	274	209	191	71	–	284	478	21	457	
28	-84	9		76	-61	79	263	306	256	266	285	288	268	288	293	289	332	410	460	470	587	794	657	740	–	–	–	–	–	
29	433	364	316	233	249	124	205	223	223	295	288	254	259	295	312	456	409	188	193	157	147	165	169	140	–	254	950	67	893	
30	163	203	173	159	169	199	315	400	400	425	388	390	383	405	380	387	384	473	578	566	508	358	258	183	–	344	661	77	584	
31	121	146	120	145	169	237	280	341	329	347	336	316	348	335	317	321	264	220	229	249	268	245	212	94	–	250	384	3	381	
A	300	312	280	263	285	304	362	370	362	346	327	310	320	308	305	330	323	350	373	385	395	427	355	346	337					
N	279	229	226	248	233	251	307	336	312	290	278	263	258	233	211	245	304	297	307	>329	324	346	321	308	287					

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,s	c,s	o,r	o,r	o	o,s	o,r	o,r	o,r,s	o	b	b,hf	o	o,s	b	b,hf	b	o,r	o,g	o,s	o	o	o,hf	o,s	b,hf	b,hf	c,hf	o,r	o,m.	b	o,hf
					r,g		r,f,m.			s,g	g,hf		hf,s	wind			hf,m.		wind		s,g									hf,f	

April 1998

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	148	175	150	101	167	152	95	91	119	81	139	122	179	205	202	208	210	262	246	226	303	248	222	165	–	176	420	9	411
2	-127	-135	-98	-5	45	59	|	|	<-27	53	52	36	75	86	93	102	93	-4	55	153	22	<-18	127	112	–	–	–	–	–
3	88	67	52	54	74	170	233	110	78	120	157	126	189	207	165	172	|	|	<-548	328	114	187	171	166	–	–	–	–	–
4	183	179	176	180	197	214	252	290	289	250	230	245	268	264	234	188	116	167	158	110	166	130	|	153	–	–	–	–	–
5	186	210	192	280	251	225	247	199	189	175	162	170	133	142	123	124	233	202	167	220	221	178	127	81	–	184	321	-8	327
6	139	113	136	344	387	306	271	238	296	325	270	279	235	153	298	232	211	255	298	171	140	125	259	280	–	239	511	-291	802
7	246	328	292	199	207	252	361	356	336	292	243	207	172	167	173	188	172	252	344	332	337	318	203	249	–	259	510	95	415
8	242	187	31	|	93	17	-91	-178	>34	30	67	168	200	24	>279	159	|	92	237	259	221	178	18	107	–	–	–	–	–
9	118	142	161	155	126	144	-72	118	95	135	170	183	243	229	221	214	273	248	280	242	215	256	222	237	–	181	374	-500	874
10	250	255	236	226	233	360	296	265	300	278	261	273	307	337	345	321	285	280	249	272	274	271	267	274	–	279	433	67	366
11	252	242	245	241	281	322	361	385	371	383	|	329	|	|	151	89	195	211	281	270	290	388	426	342	–	–	–	–	–
12	307	279	277	278	334	302	296	293	340	369	348	307	277	134	233	297	|	|	|	141	200	298	308	257	–	–	–	–	–
13	217	|	|	|	161	109	85	183	214	277	275	323	|	|	<-177	54	19	50	38	1	-2	10	|	-436	–	–	–	–	–
14	-303	-92	-86	-156	-106	-179	-347	<-886	-300	41	124	155	210	230	194	225	235	237	384	447	558	482	644	585	–	<96	902	<-995	>1897
15	488	462	449	360	330	337	363	403	295	251	231	285	274	279	277	291	306	318	429	415	354	353	326	315	–	341	627	156	471
16	272	285	227	277	296	304	280	298	293	310	302	297	309	247	-152	111	<-719	-279	-215	61	-70	-8	134	142	–	<125	363	<-995	>1358
17	170	160	27	71	186	164	146	281	310	238	208	212	230	238	246	261	267	263	155	364	418	414	385	303	–	238	535	-129	664
18	301	285	252	260	275	302	304	307	340	375	316	265	239	212	211	219	278	349	270	|	|	|	>427	112	–	–	–	–	–
19	143	230	243	149	132	|	|	|	|	244	186	169	177	185	196	222	160	59	38	96	0	-14	0	5	–	–	–	–	–
20	4	-103	24	-46	-119	<-477	-400	-302	40	-49	-28	60	58	77	26	54	67	42	102	8	56	54	46	-85	–	<-37	240	<-995	>1235
21	58	-98	<-711	|	-27	-45	34	81	89	70	89	106	70	58	85	102	87	70	97	122	179	239	251	220	–	–	–	–	–
22	193	160	99	124	146	154	224	199	189	175	213	189	190	213	271	260	290	340	350	292	276	270	265	246	–	222	431	-11	442
23	260	298	246	256	358	380	322	319	321	301	257	255	280	270	292	294	262	249	311	470	422	401	412	320	–	315	728	157	571
24	340	322	294	303	327	328	316	330	292	268	264	247	221	181	203	188	221	266	335	348	351	319	279	240	283	283	435	124	311
25	219	192	214	13	349	|	203	230	233	228	193	190	<111	|	|	|	|	97	125	123	163	252	172	207	–	–	–	–	–
26	161	117	100	101	110	200	280	296	245	286	276	222	202	238	241	227	240	274	289	332	334	335	322	306	–	239	376	-2	378
27	307	296	251	262	245	248	279	334	334	332	229	164	193	199	206	229	252	258	251	299	318	382	390	348	–	275	462	-8	470
28	308	327	289	272	295	309	334	395	416	372	299	263	232	256	339	276	306	317	354	337	327	304	283	263	–	311	461	177	284
29	282	304	304	344	390	425	403	371	330	350	348	309	307	279	278	233	239	285	298	309	318	297	292	283	–	315	459	171	288
30	282	304	296	286	333	416	402	472	461	321	274	265	273	303	273	288	328	345	327	307	281	259	283	307	–	320	565	179	386
A	265	261	253	253	275	307	326	344	332	298	252	262	243	246	245	239	236	250	301	326	339	338	325	301	288				
N	190	189	151	183	203	196	196	196	225	229	212	214	210	200	191	201	178	196	196	243	234	238	259	202	208				

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	o	o	c,r	o,r	c	c,f	o	o,r	c,r	o,r	c,hf	o	o	c	o	o	o,r	o	o	c,r	o,r	b,hf	b	c	b	b	b	b	a
	f,m.	r,m.	r,m.	wind		f,l		f,r	d,m.			r,l	r,d	r,s	hf,f	r,m.	r,m.		f,r	r,f	d,m.				r,d					

May ,1998

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	319	312	315	290	285	289	354	378	324	319	321	288	242	247	256	253	282	292	299	346	334	339	310	276	–	303	458	171	287
2	237	230	196	202	214	249	252	248	273	277	227	217	209	232	431	-177	245	237	214	195	171	174	136	115	–	208	798	-699	1497
3	98	109	83	96	150	161	195	211	225	200	180	175	180	199	164	157	166	182	193	202	239	213	172	170	–	172	276	55	221
4	162	114	194	168	214	263	285	283	272	287	297	269	220	191	233	31	44	81	-137	-196	<-749	<-598	-28	<-968	–	<39	775	<-995	>1770
5	<-605	<-766	<-576	<-522	<-448	<-516	<-880	[-438]	<-565	-429	<-535	<-491	-327	-257	-317	-257	-96	102	124	125	145	232	241	229	–	<-284	1014	<-995	>2009
6	229	209	174	177	195	167	144	71	50	87	72	123	167	180	|	|	-16	<17	48	37	191	274	249	244	–	–	–	–	–
7	230	249	275	272	209	252	255	202	213	216	142	173	185	171	170	214	210	187	228	216	208	225	180	168	–	210	309	-34	343
8	100	81	94	119	235	298	314	274	282	216	230	210	198	198	206	187	176	212	239	327	330	245	216	227	–	217	438	21	417
9	214	197	214	294	289	336	477	356	277	252	232	243	232	215	224	234	219	252	253	287	291	295	305	299	270	270	563	98	465
10	330	365	281	234	235	214	233	263	251	245	224	190	207	207	253	213	234	235	282	296	301	268	251	247	–	252	433	152	281
11	241	225	198	212	282	349	402	395	358	352	330	296	303	271	255	238	253	276	295	283	293	271	199	169	–	281	576	118	458
12	143	156	143	141	190	201	230	–	–	–	197	187	172	170	164	202	|	|	0	-44	2	<-239	-224	-42	–	–	–	–	–
13	-10	136	207	216	250	224	189	131	103	145	166	189	213	221	243	309	296	217	258	280	303	276	262	269	–	212	361	-163	524
14	238	193	187	183	280	296	256	231	235	232	196	181	193	183	191	198	205	229	233	252	232	224	142	166	–	215	331	84	247
15	194	163	173	165	201	243	258	262	246	317	320	207	212	201	[194]	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	288	286	260	224	181	160	–	–	–	–	–
17	150	113	118	126	168	211	249	247	237	217	197	187	187	173	181	170	94	120	182	219	213	216	189	180	–	181	910	-404	1314
18	176	180	173	184	212	249	242	221	181	185	168	166	168	174	187	191	187	201	204	200	195	193	197	185	–	193	273	121	152
19	177	168	147	146	203	229	239	232	222	218	187	170	176	183	186	180	196	182	201	222	233	201	190	182	–	195	297	100	197
20	183	164	169	164	206	218	231	231	196	210	244	189	136	164	169	186	182	185	178	186	192	232	242	194	–	193	319	74	245
21	166	157	170	179	178	218	218	189	200	199	195	183	167	152	146	127	159	140	41	20	-301	|	|	-66	–	–	–	–	–
22	-283	|	196	140	154	78	30	|	|	|	|	|	|	|	|	|	8	102	<-25	228	253	234	229	170	–	–	–	–	–
23	189	177	150	153	185	201	186	|	|	|	|	|	|	|	475	250	173	203	243	257	285	282	331	308	–	–	–	–	–
24	267	254	233	204	209	204	189	55	-252	-261	-108	-16	-106	<-346	|	<-37	-271	<-448	119	131	196	248	235	170	–	–	–	–	–
25	177	120	146	164	198	233	230	235	209	174	165	236	245	197	167	183	76	205	189	215	167	181	167	133	–	184	305	-175	480
26	136	87	78	85	139	184	191	292	196	245	|	|	144	180	222	213	179	164	162	223	193	159	192	277	–	–	–	–	–
27	208	189	191	121	95	173	195	212	225	228	216	190	193	162	169	156	174	186	191	220	229	188	203	202	188	188	280	31	249
28	200	206	203	164	150	156	180	200	181	154	189	211	151	160	159	160	196	229	273	281	320	315	261	237	206	206	369	109	260
29	229	245	257	225	252	242	240	210	180	195	174	161	169	163	172	177	200	232	281	324	347	308	278	201	227	227	384	102	282
30	182	182	180	188	254	282	258	274	274	239	205	197	182	165	179	205	190	185	248	350	451	381	394	237	245	245	778	99	679
31	212	165	163	164	184	192	203	213	199	171	146	149	142	142	159	217	269	284	267	288	289	248	242	204	–	204	364	86	278
A	203	193	189	181	215	239	256	262	229	214	194	187	195	185	203	212	220	218	235	259	270	251	238	215	222				
N	<150	151	<158	<155	<186	<203	<201	210	177	181	170	166	163	153	194	154	151	168	<186	208	<193	200	205	<151	174				

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
	b	c,r	b	c	c,r	c,r	c,r	c	b	b	b	b l,r	b,r	c,r	c,r	c,r	c	c	b	b	c,r	c,r	c,r	c,r	c,r	c r,l	b	b	b	b	b

June 1998

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	188	199	147	138	119	111	174	230	230		>338	338	218	225	221	192	305	262	194	197	179	144	161	143	–	–	–	–	–	–
2	150	149	147	147	167	142	146	159	182	216	205	172	155	163	188	183	192	212	183	198	214	227	196	191	–	178	284	71	213	
3	192	155	172	184	164	192	155	200	233	258	224	213	195	186	198	195	183	174	169	-68	209			186	–	–	–	–	–	–
4	171	186	208	185	329	323	338	278	242	231	251	249	226	222	205	237	225	238	175	198	297	209	138	150	–	230	519	-98	617	
5	132	152	155	181	218	318	295	292	227	217	194	177	170	168	178	183	185	198	207	276	268	234	185	139	206	206	377	75	302	
6	125	107	131	177	176	169	228	305	351	283	274	272	265	265	240	228	251	305	348	361	375	378	321	320	261	261	410	70	340	
7	282	289	326	288	283	279	325	338	372	429	371	274	319	290	309	333	306	305	308	294	255	263	237	189	303	303	472	142	330	
8	167	139	143	145	142	148	194	205	196	188	192	225	222	233	349	>481	>870			251	97	80	89	115	–	–	–	–	–	–
9	116	67	138	152	207	219	240	263	270	–	–	–	–	–	–	–	–			–	–	–		–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	224	228	201	205	241	197			>274	30	116	170	129	–	–	–	–	–	–
13				88	-55	173	138	95	112	174	116	152	172	194	94	46	130	38	103	34	77	121	110	117	–	–	–	–	–	–
14	228	259	293	<-12	209	143	97	-339	-232	-44	-94	-106	-195	60	3	49	-15	7	-25	-50	64				–	–	–	–	–	–
15		-137	66	-1	-22	-141	<-169				-71	40	9	-36	-198	-93	-353	-585	<-627	<-672	<-836	<-365	241	-22	–	–	–	–	–	–
16	205	171	205	245	276	374	399	354	266	249						222	244	216	248	251	92	244	250	212	–	–	–	–	–	–
17	198	184	162	164	180	182	204	225	208	176	179		>444	177	155	170	181	212	190	222	217	260	227	196	–	–	–	–	–	–
18	184	162	183	147	199	205	255	259	262	230	214	208	184	202	198	186	186	218	254	295	304	281	268	245	222	222	352	1	351	
19	225	236	261	273	340	373	408	282	240	215	217	177	165	161	178	185	202	249	319	406	447	459	406	294	–	280	548	103	445	
20	238	247	262	262	264	305	289	360	292	229	246	260	199	190	191	202	201	213	244	339	470	661	502	469	–	297	945	95	850	
21	461	345	357	297	276	305	249	200	192	173	187	163	182	173	209	198	222	244	273	279	285	291	281	227	–	253	592	73	519	
22	257	211	184	224	312	313	343	291	297	310	332	270	213	207	221	190	258	200	136	>479	338	203	69	37	–	>246	>1029	-151	>1180	
23	50	53	-16	-12	24	74	20	-91	90	177	-110	134	184	151	112	156	191	101	229	218	253	287	256	-78	–	102	398	-496	894	
24	-232	-9	145	126	143	110	94	108	181	164	176	168	172	166	141	185	152	110	146	158	236	246	258	239	–	141	316	-602	918	
25	240	217	252	268	263	240	224	250	276	285	314	272	272	278	226	187	221	212	219	235	268	264	231	219	–	247	362	98	264	
26	185	113	150	158	240	274	280	308	318	299	274	[273]	273	275	286	257	239	226	233	340	391	299	325	277	–	282	661	71	590	
27		-101	>702		>938	339	287	274	83				>426	31			163	44	112	-5	98	236	316	479	–	–	–	–	–	–
28	619	487	545	551	393	415	350	378	338	274	222	229				159	220	206	<-133		>175	191	218	156	–	–	–	–	–	–
29	179	186	24	-164	47	177	348	299	252	189	182	175	187	164	172	166	185	190	153	174	166	187	206	213	–	189	446	-868	1314	
30	237	246	229	181	226	226	281	259	227	247	150	-93	253	215	166	214	226	217	266	310	292	275	281	213	–	223	408	-668	1076	
A	224	205	206	203	232	246	274	276	262	264	252	220	222	238	224	214	213	229	246	283	314	315	273	241	246					
N	200	166	214	169	224	222	229	222	219	224	185	186	205	182	177	190	208	161	157	192	195	232	238	194	196					

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	o,l	c,r	b	c	b	o,r	c	b	c	o,r	o,r	o	o,r	c	c	c	c	c	c,r	c,r	o	o,r	o,r	c	o,r	o,f	b,r	o,r
	l,l								r,l	r,l	r,l			r,d		r,l	r,l						r,d				f,m.	r,l		

July 1998

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	169	137	119	78	209	206	151	210	190	235	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	329	–	248	254	225	229	213	223	194	183	176	101	188	249	227	–	–	–	–	–	–
7	242	239	249	240	286	325	339	374	[372]	–	–	–	–	247	242	246	259	235	202	115	165	227	268	208	–	–	–	–	–	–
8	177	157	134	99	132	226	254	269	243	254	238	345	83	233	265	294	279	251	196	160	119	174	203	217	–	208	330	-33	363	
9	217	225	224	267	280	321	[340]	–	–	–	–	–	–	249	231	111	253	319	322	287	183	36	67	124	–	–	–	–	–	–
10	47	121	196	228	294	453	498	383	340	316	273	248	295	215	154	56	18	91	136	125	140	126	205	200	–	215	611	-230	841	
11	243	241	244	249	271	297	274	298	242	266	277	255	229	218	243	235	217	183	147	197	226	247	211	173	–	237	330	82	248	
12	195	189	190	165	180	200	205	231	209	201	175	162	160	157	169	178	173	200	193	179	197	195	156	146	–	183	252	92	160	
13	127	104	111	113	107	78	56	185	224	189	179	217	170	224	223	220	183	213	316	375	306	327	367	244	–	202	593	-37	630	
14	>298	|	48	154	19	3	86	75	237	181	247	231	211	229	246	210	203	193	201	195	178	168	164	154	–	–	–	–	–	–
15	145	148	171	176	263	317	286	251	226	222	198	192	188	183	175	183	204	219	195	257	246	261	168	174	–	210	403	90	313	
16	193	134	126	126	159	174	188	186	201	202	223	210	218	212	208	>343	<-194	188	249	311	339	375	260	172	–	200	>1029	<-995	>2024	
17	205	142	150	167	204	292	309	243	220	221	228	198	188	200	197	196	194	200	215	289	360	326	246	250	–	227	531	64	467	
18	352	308	310	230	233	262	251	224	239	191	187	168	175	166	<28	118	188	167	181	320	224	187	–	–	–	–	–	–	–	–
19	–	–	–	–	[155]	193	217	242	233	185	219	218	179	174	187	195	209	208	170	240	268	238	215	186	–	–	–	–	–	–
20	170	175	170	198	230	286	329	311	294	256	232	238	241	229	229	244	244	233	325	316	418	336	335	361	267	267	475	97	378	
21	258	249	272	272	320	264	232	298	322	279	237	211	217	197	186	187	202	221	242	260	295	285	264	233	250	250	368	145	223	
22	215	190	166	157	178	194	220	219	180	187	187	166	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	230	269	257	224	243	274	241	233	231	250	292	368	274	237	212	–	–	–	–	–	–
25	236	233	196	205	–	–	–	[249]	221	195	187	191	163	187	168	90	|	-51	89	90	195	211	247	237	–	–	–	–	–	–
26	335	572	509	375	395	401	334	309	287	248	232	211	203	205	215	195	210	228	284	310	303	301	295	259	–	301	841	67	774	
27	213	215	231	224	247	296	329	304	265	278	252	242	225	240	239	268	268	281	296	298	268	274	290	278	–	263	369	85	284	
28	269	<126	>338	|	–	212	220	166	306	195	199	|	82	140	146	236	245	233	174	241	246	218	240	230	–	–	–	–	–	–
29	235	338	147	172	190	262	316	303	299	300	243	233	|	>204	166	201	222	222	135	134	177	176	212	165	–	–	–	–	–	–
30	181	199	148	124	171	356	367	335	245	266	235	156	170	261	274	230	224	206	187	238	263	314	280	261	–	237	470	39	431	
31	240	225	206	176	239	259	246	243	245	244	218	214	110	36	198	282	273	281	233	268	292	237	188	157	–	221	379	-459	838	
A	215	202	198	195	240	287	277	266	244	225	214	219	214	208	212	223	229	228	219	255	273	261	244	214	236					
N	216	204	202	191	216	256	263	257	254	236	224	219	190	203	204	207	197	206	213	236	245	238	233	212	222					

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,r	o	o,r	o,r	o,r	o	o,r	o,r	o,r	o	o	o,r	o,r	o	o	b	o	o	o	b	o	o,r	o,r	o	o	o	o,r	o	o,r	o,r
	r,l											wind											t,l,m.	l,m.				l,l,m.			

August 1998

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	171	171	122	106	132	185	249	241	267	286	259	213	183	178	183	207	224	196	221	292	359	308	243	182	–	216	384	60	323
2	169	186	175	213	209	229	|	–	–	191	219	233	174	212	249	211	228	194	328	327	274	|	|	>380	–	–	–	–	–
3	157	140	140	243	548	303	211	249	263	240	205	206	170	208	223	217	210	198	226	<24	–	–	205	95	–	–	–	–	–
4	111	80	126	152	178	208	239	252	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	[285]	245	239	244	202	167	–	–	–	–	–
7	164	175	154	125	97	81	-24	122	188	168	226	246	210	236	256	222	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	257	259	273	287	281	301	320	440	463	473	468	470	378	–	–	–	–	–
13	296	304	306	272	273	238	199	248	328	382	341	395	329	259	206	>156	|	<-626	-177	-33	-11	<-197	|	|	–	–	–	–	–
14	|	>0	<-184	90	-46	|	-25	143	315	289	214	|	|	|	|	255	|	|	|	326	313	276	207	190	–	–	–	–	–
15	180	194	177	154	180	328	415	400	335	350	338	279	223	236	230	236	203	165	178	181	223	218	201	166	–	241	504	87	417
16	153	147	148	144	157	220	230	240	257	288	234	219	197	180	180	173	191	214	221	83	-16	118	175	106	–	177	330	-366	696
17	25	37	117	163	211	217	297	325	344	396	316	282	257	251	249	245	240	258	280	273	310	348	301	239	–	249	469	-61	530
18	300	241	195	213	188	204	235	251	272	–	[250]	221	197	196	202	205	209	188	209	210	198	198	178	145	–	–	–	–	–
19	139	146	154	168	199	321	358	311	260	201	215	186	234	225	236	235	240	258	308	334	324	367	392	372	–	258	495	64	431
20	326	286	253	238	353	387	403	367	275	[325]	296	269	270	284	264	265	255	226	293	298	262	235	193	188	284	284	478	101	377
21	184	156	140	140	174	209	220	255	237	153	226	195	183	185	170	135	183	147	|	<-308	96	119	-5	-48	–	–	–	–	–
22	46	149	148	102	159	210	213	221	267	125	183	|	|	<-73	192	|	172	200	244	135	152	240	211	211	–	–	–	–	–
23	205	201	201	192	217	162	165	243	232	302	303	247	240	|	257	252	273	271	235	207	219	261	273	239	–	–	–	–	–
24	220	219	225	213	241	278	298	322	296	300	166	56	231	-100	46	282	264	|	95	120	170	187	196	162	–	–	–	–	–
25	204	213	187	174	201	222	226	239	224	246	248	255	200	|	-290	|	142	240	369	354	338	364	311	279	–	–	–	–	–
26	252	271	273	226	259	278	256	275	>35	-246	79	231	<89	>187	207	247	244	229	234	330	364	387	333	228	–	219	>1029	<-895	>2024
27	222	220	135	97	<54	|	-112	<-308	|	|	<-713	-255	139	262	323	255	217	215	247	286	263	279	256	229	–	–	–	–	–
28	188	194	230	239	176	252	360	269	248	<-74	147	196	|	194	186	182	178	207	242	216	247	271	198	230	–	–	–	–	–
29	221	227	217	196	212	75	95	229	242	179	-294	68	-79	<-87	|	240	<-104	|	278	205	<-211	<241	288	253	–	–	–	–	–
30	228	254	91	134	137	142	160	140	221	<-1	|	>151	|	222	119	272	257	237	302	366	348	300	290	247	–	–	–	–	–
31	214	202	177	<-452	163	238	266	202	260	173	194	121	159	214	20	|	<-95	161	223	321	378	374	373	345	–	–	–	–	–
A	204	197	179	186	233	259	278	280	285	298	271	256	234	234	247	226	234	227	275	306	317	316	275	229	247					
N	190	184	163	148	195	227	215	228	256	203	166	194	193	157	182	227	192	175	240	219	231	255	250	217	202					

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	c	c	o	c	o,r	o,r	c	c	b	c	b	o,r	o,r	c	c	c	c,r	b	b,r	b,r	c,r	o	o,r	c,r	c,r	o,r	c,r	o	o	c
		l,r	l,r						wind				l,f	l,l,m.				l,l							wind				r,m.	r,l	r,l,f

September 1998

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	301	286	242	141	193	163	204	261	333	279	107	|	|	145	|	|	>360	306	348	361	453	413	436	425	–	–	–	–	–
2	392	374	327	383	441	544	413	425	348	307	282	231	238	233	249	265	240	334	418	609	467	344	285	233	–	349	808	130	678
3	234	232	186	177	179	245	264	285	303	293	268	249	241	260	260	246	257	260	316	315	295	295	299	278	–	260	381	112	269
4	251	226	207	219	277	381	398	398	370	319	293	295	291	258	266	242	267	311	414	420	375	353	332	340	313	313	510	127	383
5	294	243	223	227	248	313	403	390	433	407	389	400	402	391	382	396	408	426	409	429	392	368	356	328	–	360	517	174	343
6	315	292	265	259	264	291	329	324	350	374	394	383	326	302	296	322	335	321	321	295	317	318	310	295	–	317	483	212	271
7	282	267	264	234	244	289	357	390	399	512	380	334	285	289	310	304	277	300	303	293	260	250	227	272	–	305	630	136	494
8	248	262	268	284	327	348	391	358	453	423	389	340	279	271	322	296	334	391	467	395	348	331	351	338	342	342	540	173	367
9	323	264	214	191	171	147	161	185	223	256	300	278	272	282	271	296	311	341	320	314	337	313	284	273	–	264	381	115	266
10	236	211	177	146	134	135	202	253	275	276	275	268	262	259	263	261	298	295	339	313	248	190	147	141	234	234	388	91	295
11	137	124	113	81	95	167	210	219	219	193	201	173	174	203	196	236	267	295	303	332	317	323	267	296	–	214	390	31	359
12	242	191	199	215	234	215	239	283	302	379	420	373	404	380	468	399	370	438	479	452	448	430	396	419	349	349	562	147	415
13	407	368	332	304	332	304	>240	|	|	171	267	268	287	272	301	272	308	247	218	164	160	91	134	87	–	–	–	–	–
14	2	95	136	159	201	214	245	281	273	270	227	260	230	209	218	221	170	171	190	206	275	203	165	137	–	198	380	-134	514
15	202	236	207	167	194	221	293	293	263	220	187	181	148	147	166	209	239	196	240	208	184	131	145	153	–	201	399	58	341
16	175	196	175	186	166	114	168	-65	184	-110	141	201	195	116	153	<-235	|	|	|	|	<-86	189	255	243	–	–	–	–	–
17	142	85	91	125	186	293	–	328	280	265	–	–	272	230	254	216	197	241	296	273	244	291	278	281	–	–	–	–	–
18	275	213	213	260	329	318	417	420	325	256	291	>150	|	|	|	363	205	161	85	216	216	237	351	343	–	–	–	–	–
19	378	386	309	237	242	288	284	258	295	286	282	261	240	227	235	234	218	166	311	233	234	152	79	71	–	246	496	11	485
20	100	107	145	133	199	264	190	163	196	213	217	240	269	307	282	287	265	159	305	262	260	208	196	173	–	214	409	48	361
21	148	156	120	145	171	170	227	332	333	369	347	293	265	303	311	309	318	331	333	372	340	200	242	209	–	264	473	77	396
22	165	301	285	256	188	244	399	457	403	331	318	366	357	328	315	318	291	544	762	663	484	349	220	406	–	365	942	6	936
23	418	362	410	307	285	341	376	372	409	300	209	271	346	328	327	190	289	186	392	457	409	404	421	338	–	340	624	17	607
24	377	398	430	548	706	806	906	379	421	382	–	344	330	314	300	273	278	441	348	146	318	130	142	249	–	–	–	–	–
25	137	169	266	134	162	354	317	317	299	303	325	368	403	382	354	338	231	169	284	260	264	248	229	233	–	273	522	66	456
26	225	253	218	217	239	261	286	300	314	298	231	247	294	289	255	280	301	286	290	177	136	125	128	127	–	241	360	80	280
27	137	144	136	204	143	148	126	118	255	297	282	206	287	341	336	314	324	339	395	440	426	497	399	381	–	278	584	29	555
28	288	233	285	277	337	385	515	255	224	217	220	289	295	249	200	202	183	75	-50	-273	-510	<-413	50	-207	–	139	680	<-995	>1675
29	-114	-77	-40	–	–	–	–	–	–	108	70	94	113	123	97	77	51	8	61	18	31	55	60	47	–	–	–	–	–
30	43	90	90	85	109	129	117	128	104	112	119	143	170	197	178	232	83	64	97	108	142	195	208	217	–	132	424	-22	446
A	253	233	194	190	206	253	299	326	318	306	299	294	305	302	306	287	283	320	369	356	345	311	289	282	289					
N	225	223	216	217	241	279	310	290	307	277	265	268	274	263	270	254	265	269	310	292	<259	<241	246	238	267					

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	o,f	c	b	b	c	c	b	c	c	o	o	o,r	c,r	c,r	o,r	c,r	c	b	c,f	b	b,m.	c,m.	c,f	c	c,m.	o	o	o,r	o,r
	f,m.																	f,m.							f,m.		f,m.	f,r		

October 1998

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	194	133	124	144	135	197	264	267	251	214	237	253	266	267	290	314	362	276	442	429	393	402	418	336	–	275	583	65	518
2	263	261	232	229	219	252	348	372	339	317	351	351	423	413	434	432	433	453	451	402	366	328	287	253	342	342	516	150	366
3	192	171	127	22	<-338	-85	<-504	-73	58	-37	-54	134	105	86	82	15	-3	37	-175	-54	109	-17	89	137	–	<1	989	<-995	>1984
4	114	136	120	158	156	157	119	126	95	76	138	198	147	118	179	175	194	146	181	174	196	186	222	193	–	154	312	17	295
5	179	214	182	170	165	169	145	185	159	165	142	120	156	215	218	290	378	402	376	405	416	486	469	422	–	259	748	69	679
6	304	296	310	295	316	375	319	254	303	293	293	279	299	310	349	350	369	362	482	445	450	332	274	363	–	334	557	151	406
7	271	290	331	337	353	361	362	369	353	361	378	406	408	412	414	401	415	419	480	433	374	328	271	196	–	363	541	135	406
8	192	186	194	204	190	202	201	224	260	308	314	328	302	310	281	132	86	138	155	200	240	191	175	127	–	214	387	-35	422
9	133	107	101	84	66	85	87	68	138	184	125	86	56	60	57	69	72	105	95	63	49	155	146	182	–	98	288	-178	466
10	200	106	97	74	160	202	167	208	252	257	251	238	234	250	184	235	245	131	152	228	209	204	145	143	–	191	318	-211	529
11	186	85	|	|	168	175	5	<-52	<-75	214	154	29	147	222	179	259	316	266	246	287	223	245	251	241	–	–	–	–	–
12	209	224	235	237	224	281	256	259	263	212	291	269	296	309	301	305	263	|	|	139	219	177	157	165	–	–	–	–	–
13	159	145	136	173	182	191	191	218	151	231	243	237	204	214	274	276	171	362	460	343	299	233	116	89	–	221	619	-219	838
14	90	101	158	123	206	285	258	156	182	100	341	376	387	366	335	298	296	278	335	331	69	48	32	58	–	217	460	-95	555
15	91	59	66	77	74	123	251	310	312	290	272	279	278	326	317	–	–	–	[361]	315	251	272	237	230	–	–	–	–	–
16	229	263	252	250	258	245	278	313	321	310	294	302	302	293	325	302	316	237	313	109	73	88	154	138	–	249	401	-19	420
17	154	160	186	136	134	180	243	252	298	297	331	332	356	356	343	299	317	236	289	393	314	291	229	163	262	262	446	92	354
18	144	96	179	225	210	153	184	236	288	281	280	242	223	120	187	143	220	267	288	294	310	259	243	234	–	220	518	-295	813
19	209	227	227	203	250	270	334	360	386	404	299	266	259	261	238	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	[196]	187	174	166	166	166	|	168	168	182	134	207	223	196	236	–	–	–	–	–	–
21	246	203	182	202	205	215	212	215	207	172	199	228	225	243	240	248	256	229	230	251	258	234	229	257	–	224	327	101	226
22	222	127	-29	-201	-118	18	90	75	122	138	141	187	204	235	204	291	306	287	327	325	251	226	225	246	–	163	543	-301	844
23	233	229	216	192	198	218	212	247	285	291	297	280	281	302	320	310	260	268	256	252	243	212	164	166	–	247	353	121	232
24	191	209	210	197	204	207	222	259	274	269	267	290	307	306	327	318	272	296	325	124	102	137	116	85	–	230	395	32	363
25	88	90	106	131	68	70	96	114	112	127	|	<-281	<-753	<-421	<-107	69	137	179	210	<-45	205	267	283	262	–	–	–	–	–
26	256	250	234	253	266	233	320	351	355	295	218	191	55	|	247	147	261	330	377	303	331	268	255	237	–	–	–	–	–
27	239	291	271	202	211	151	234	345	336	294	259	150	238	191	296	390	429	351	376	302	274	292	159	<-337	–	<246	508	<-995	>1503
28	<-403	<-246	-170	35	<-162	15	29	-81	-294	-300	-128	-103	110	241	|	|	|	|	|	227	280	299	284	281	–	–	–	–	–
29	247	226	243	227	273	298	350	343	322	227	270	295	305	|	283	324	301	276	336	330	323	288	217	-52	–	–	–	–	–
30	-90	<-231	-143	-35	121	208	227	212	227	228	191	<-53	237	244	296	349	324	346	335	310	308	302	255	244	–	<184	400	<-995	>1395
31	230	221	134	-76	127	174	109	132	172	125	98	180	-8	79	-125	16	147	189	250	280	273	276	275	255	–	147	308	-811	1119
A	216	229	227	226	242	257	277	308	299	296	295	303	315	321	325	334	337	293	348	336	305	284	249	242	292					
N	186	154	156	147	151	187	187	209	215	210	222	<202	<200	224	239	250	261	260	291	258	254	241	219	184	209					

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,hf	c,hf	o,r	o r,d	o	c	c,hf	o,r	o,r f,m.	o,r	o,r	o,r	o,f	c r,f	c r,f	b	b	c,r	c hf,m.	o,r	c	o r,d	c	o	o,r	c,m. f,r	c,f hf,r	o,r	o,r	o,r	o,r

November 1998

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	249	232	200	170	168	245	316	93	-224	<-547	-273	16	<-746	<-955	<-787	<-659	|	<-354	-385	107	-207	41	<-560	–	–	–	–	–	–
2	-311	-257	<-553	-278	-20	-57	-2	97	143	54	122	148	205	65	|	>413	365	374	249	187	349	316	296	306	–	–	–	–	–	–
3	317	347	297	264	231	255	250	324	298	330	315	<-339	<-535	<-226	129	156	315	320	326	361	354	337	300	276	–	208	486	<-995	>1481
4	243	228	222	234	246	286	379	321	309	274	273	316	369	362	255	62	219	212	167	278	197	209	270	251	–	258	449	-304	753
5	252	253	235	242	243	245	231	165	47	170	216	238	247	309	319	302	340	361	383	365	327	313	297	285	–	266	627	-196	825
6	269	266	289	298	307	295	229	|	-41	132	204	249	118	226	288	331	335	|	165	249	<-313	-255	-261	-25	–	–	–	–	–	–
7	98	146	197	176	195	223	220	240	187	215	229	246	257	260	312	376	433	388	378	337	258	300	341	282	–	262	511	48	463
8	214	202	172	223	221	271	209	257	277	245	105	-8	55	66	|	|	>-77	-379	124	-1	261	324	277	277	–	–	–	–	–	–
9	276	325	268	248	217	199	325	424	311	259	340	303	377	392	375	341	327	375	391	404	306	284	280	288	–	318	543	99	444
10	278	277	277	276	303	338	339	353	345	325	286	280	236	263	332	273	169	194	242	233	165	166	128	149	–	259	400	63	337
11	126	108	111	103	104	126	110	108	119	90	115	75	105	81	86	151	227	375	208	236	464	245	172	173	–	159	630	-6	636
12	110	115	65	111	76	35	36	|	|	121	168	280	299	243	240	233	143	50	|	143	216	165	123	143	–	–	–	–	–	–
13	236	114	143	|	|	|	174	279	113	201	241	291	299	306	311	356	246	255	322	371	301	226	131	153	–	–	–	–	–	–
14	136	190	405	533	400	386	227	219	164	56	176	173	169	169	188	175	154	160	168	226	91	171	187	162	–	212	658	-57	715
15	166	201	167	145	129	130	114	103	85	130	118	102	152	206	239	254	274	297	266	281	258	248	237	181	–	187	495	39	456
16	159	164	108	130	96	117	159	235	202	191	186	242	286	240	172	146	152	158	235	249	316	284	259	285	–	198	406	59	347
17	238	228	237	226	208	215	235	265	246	242	250	231	211	219	237	175	97	140	124	116	109	109	158	178	–	196	325	-20	345
18	201	132	150	152	143	172	163	296	205	213	229	167	181	83	-84	-79	58	88	90	84	106	110	67	73	–	126	399	-245	644
19	55	45	89	203	240	278	245	206	316	280	291	251	165	147	286	273	171	184	202	234	335	195	130	170	–	208	469	-25	494
20	143	174	191	151	129	131	211	172	115	112	165	189	130	105	154	135	158	161	149	175	192	176	145	187	–	156	272	-28	300
21	208	200	200	148	156	195	177	221	269	337	354	459	415	469	411	269	188	287	292	355	396	343	224	282	–	286	534	75	459
22	321	313	313	340	389	408	409	267	223	273	352	420	377	370	316	245	267	240	224	254	286	318	295	281	–	312	588	109	479
23	225	200	259	282	290	331	384	408	432	424	465	454	435	505	493	458	383	259	152	147	212	224	155	192	324	324	546	78	468
24	207	224	236	265	301	306	333	374	402	435	469	420	420	440	534	524	519	485	464	453	510	552	547	521	–	413	628	126	502
25	513	467	434	429	471	468	576	682	678	705	650	705	680	666	786	815	866	>903	688	570	585	623	670	653	–	637	1029	223	806
26	675	603	577	472	443	488	738	688	524	509	502	376	358	451	485	495	315	176	152	125	120	156	121	86	–	401	945	-57	1002
27	25	43	39	51	62	77	77	106	151	151	85	102	104	172	157	190	206	147	119	101	185	154	115	160	–	116	315	-45	360
28	94	85	45	85	70	110	115	118	167	191	232	179	306	314	327	316	289	334	237	113	173	180	248	196	–	189	421	-100	521
29	167	96	103	105	99	95	126	86	57	121	182	240	149	170	122	112	107	195	259	183	160	160	145	123	–	140	328	15	313
30	211	181	331	139	140	204	222	167	236	236	279	281	392	229	299	354	347	402	454	446	428	421	430	405	–	301	528	30	498
A	363	337	327	309	296	315	350	447	390	395	416	433	423	474	502	426	365	257	304	333	347	397	380	374	367					
N	203	197	<195	205	209	224	242	268	230	227	<235	<227	<233	<218	244	243	231	254	237	>230	<249	228	218	<204	225					

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,g	o hf,r	o,r	o,r	o,r	o r,hf	o hf,r	o	o,s	o d,g	o,g r,f,m.	o,f s,m.	o,f	o s,g	o,s	o s,g	o,g	o s,g	o,s	o,s	b,s	b	e	b	o hf,s	o s,m.	o s,m.	o,s	o,g

December 1998

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	390	404	386	376	328	353	418	443	591	684	689	706	657	568	529	474	441	446	443	506	487	374	343	346	–	474	813	196	617
2	305	326	367	329	307	300	376	458	408	438	466	499	499	551	543	524	638	696	763	>791	>899	>934	>891	707	–	>542	>1029	196	>833
3	556	502	531	548	496	506	516	638	617	575	627	697	723	620	569	529	493	376	345	316	336	300	233	165	492	492	799	90	709
4	203	179	110	110	102	56	61	65	126	181	224	290	335	376	325	350	411	456	594	559	502	437	344	402	–	283	696	14	684
5	342	187	175	238	201	183	154	180	74	56	93	144	161	46	-7	37	111	84	136	131	104	<43	95	111	–	<128	973	<-995	>1968
6	49	102	8	|	58	125	164	186	165	169	138	167	173	151	177	190	133	182	148	109	92	113	207	174	–	–	–	–	–
7	|	|	4	|	118	200	231	235	214	221	209	226	306	273	222	224	220	224	201	228	240	85	186	227	–	–	–	–	–
8	187	171	178	197	29	137	102	145	202	200	234	211	144	103	123	154	222	262	328	254	188	193	255	138	–	181	408	-179	587
9	128	56	91	146	59	-26	35	94	148	<51	44	108	208	179	214	300	234	223	223	235	225	229	188	180	–	<149	376	<-995	>1371
10	155	153	138	151	139	143	116	178	119	80	149	165	195	230	248	243	176	213	222	164	92	126	107	94	–	158	318	9	309
11	117	124	90	108	84	120	127	73	-9	85	-19	92	123	73	38	-45	61	70	18	14	-54	-109	-176	-138	–	36	333	-262	595
12	-13	106	-25	-32	83	62	147	89	-45	43	-35	-8	84	70	114	4	46	-7	49	33	60	118	223	147	–	55	310	-181	491
13	159	37	-36	59	-20	6	-10	-78	-95	-98	<-346	|	21	245	263	244	231	124	-314	<-388	-220	<-358	-311	-428	–	–	–	–	–
14	-199	9	-34	-162	|	|	-132	-148	-101	-150	-204	-149	-133	17	39	94	241	372	394	466	396	340	321	293	–	–	–	–	–
15	251	322	332	340	307	351	328	249	368	369	130	156	119	154	62	132	85	71	146	265	336	185	18	181	–	219	518	-106	624
16	96	124	107	57	149	254	247	191	72	80	<-528	|	<-560	-88	111	162	64	-305	<-419	-69	112	142	175	207	–	–	–	–	–
17	210	193	154	165	199	265	294	259	137	182	48	-3	75	179	245	212	196	163	227	299	374	384	359	358	–	216	498	-75	573
18	367	314	360	427	483	549	583	611	661	753	740	749	658	713	>873	874	799	685	576	595	559	531	401	312	–	>591	>1029	201	>828
19	314	320	332	363	342	314	313	380	362	364	373	239	-15	<-325	150	214	244	235	290	322	326	254	243	224	–	<257	426	<-995	>1421
20	185	180	184	165	67	59	9	-190	<-591	-164	-201	-60	108	183	302	439	417	336	399	452	|	289	310	270	–	–	–	–	–
21	282	217	237	213	173	247	268	253	267	236	254	346	400	415	437	425	438	432	430	454	486	426	367	404	–	338	554	67	487
22	314	211	68	112	125	172	261	175	156	234	334	432	468	590	641	666	807	820	>907	>1024	>1020	>822	>849	810	–	>501	>1029	-810	>1839
23	663	784	681	440	430	413	402	479	459	267	324	348	410	444	341	84	56	248	141	153	269	273	312	328	–	364	915	-133	1048
24	287	267	308	271	280	297	288	333	222	256	462	570	522	525	586	604	584	540	552	543	514	498	441	354	–	420	630	82	548
25	204	213	184	103	110	64	110	142	177	148	200	226	265	368	449	428	483	462	423	372	370	270	249	211	–	280	507	2	505
26	178	192	252	292	301	311	316	334	351	328	164	255	340	329	331	321	322	325	324	329	353	304	292	286	–	296	405	-193	598
27	293	336	292	209	-61	-79	-64	115	267	297	274	358	361	388	373	374	404	438	434	438	452	370	284	193	–	281	486	-349	835
28	199	190	199	200	224	249	297	338	390	363	386	400	472	409	537	535	553	577	552	540	551	494	459	412	–	397	648	-181	829
29	395	369	315	274	254	286	257	284	310	365	415	414	437	402	341	329	354	493	498	681	95	102	94	172	–	>331	>1029	-313	>1342
30	286	423	456	606	676	654	>594	639	>793	742	278	227	388	485	334	538	755	>800	>760	533	389	322	336	164	–	>507	>1029	34	>995
31	235	220	201	255	292	247	271	229	199	248	247	286	311	245	244	262	297	351	401	382	295	302	276	216	–	271	519	89	430
A	417	429	384	389	378	401	411	372	422	430	461	503	491	440	509	493	549	559	577	513	526	541	528	472	469				
N	238	241	214	226	211	227	>228	237	226	<245	<199	279	266	<288	>315	319	339	335	329	346	328	284	>270	242	266				

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	c,s	b	c,s	o s,f	c,s	o,s	o,s	o,s	o,s	o,s	o s,f	o,s r,f,m.	o r,s	o f,m.	o,r s,f	o r,d	o,hf	o,hf r,m.	o,r	o,g	c s,hf	o,hf	c,hf	o hf,g	c r,g	o,r	o,r	o hf,f	o f,m.	o,hf

January 1998 — 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	19	19	19	20	20	20	20	19	18	17	17	17	17	17	16	16	16	17	18	19	19	17		—	18	22	14	8
2	17	17	18	17	17	17	17	17	19	19	21	23	23	21	20	16	14	14	15	14	14	16	16	17		—	17	24	12	12
3	17	19	20	21	22	22	22	20	20	20	19	20	20	18	17	16	17	17	17	18	19	20	21	21		—	19	24	14	10
4	20	24	27	34	37	44	44	44	37	34	36	32	33	29	27	22	23	25	25	—	16	18	20	21		—	—	—	—	—
5	20	23	27	34	34	29	35	44	34	33	34	31	29	30	30	29	30	27	26	26	27	28	30	31		—	30	48	17	31
6	30	29	27	25	26	31	34	26	26	22	23	29	29	30	25	18	16	17	27	25	24	26	27	31		—	26	37	14	23
7	31	30	31	32	33	34	30	27	27	27	25	27	27	25	20	23	18	20	20	26	28	29	31	32		—	27	39	16	23
8	31	38	45	43	38	29	34	34	32	31	30	31	26	29	32	28	31	33	30	30	29	28	29	29		—	32	52	16	36
9	27	23	33	45	30	22	23	21	18	19	20	20	22	24	24	21	19	19	17	17	17	16	16	16		—	22	51	12	39
10	17	17	17	17	17	18	18	17	17	17	19	22	22	21	19	16	16	17	18	19	18	19	19	19		—	18	26	14	12
11	18	20	21	20	20	24	20	20	24	27	27	28	28	27	24	22	20	19	21	20	19	17	15	15		—	21	32	13	19
12	15	16	17	18	17	17	15	14	14	14	20	24	23	22	18	17	15	13	12	12	12	12	13	13		—	16	26	10	16
13	14	15	16	17	17	16	15	14	14	18	21	22	22	20	17	15	14	13	12	12	13	12	13	14		—	16	25	10	15
14	15	15	16	16	17	17	18	18	18	19	20	21	19	21	20	17	16	14	13	14	14	15	15	15		—	17	23	12	11
15	15	16	16	16	15	16	15	15	14	16	21	24	24	21	16	15	14	13	12	13	13	14	15	15		—	16	27	10	17
16	15	16	16	15	16	16	16	15	16	17	18	19	20	20	17	17	18	18	18	17	18	19	20	20		—	17	21	13	8
17	20	20	21	20	18	19	18	17	17	21	22	23	21	22	23	26	25	26	27	26	26	28	23	22		—	22	33	15	18
18	20	25	28	29	30	31	31	29	29	29	28	27	28	26	23	19	16	16	17	19	19	20	19	20		—	24	35	15	20
19	23	21	21	21	24	25	23	23	24	22	25	24	23	26	27	27	29	26	26	28	28	30	30	32		—	25	35	18	17
20	34	36	35	33	27	26	28	25	24	24	26	32	30	31	25	24	23	22	20	20	20	18	18	18		—	26	39	16	23
21	19	18	19	22	22	23	24	24	23	23	24	24	22	22	22	21	22	24	25	30	29	31	32	29		—	24	37	16	21
22	31	35	35	37	37	34	35	32	32	33	31	33	33	29	24	21	18	18	20	23	23	25	27	28		—	29	47	16	31
23	30	31	32	28	21	23	21	20	22	23	25	26	27	27	21	20	16	17	18	16	15	16	15	16		22	22	47	13	34
24	14	14	14	16	17	16	17	15	17	20	20	20	20	22	21	18	12	11	10	10	10	10	11	11		—	15	38	9	29
25	12	12	13	13	15	14	14	12	13	15	17	18	18	19	18	16	11	10	10	10	10	10	10	10		13	13	25	8	17
26	10	10	12	12	12	12	11	10	10	10	16	24	20	17	16	12	10	10	10	9	8	9	9	10		—	12	32	7	25
27	12	12	13	14	15	18	18	17	16	17	16	15	16	16	16	13	12	12	12	12	12	13	13	15		—	14	22	10	12
28	16	15	16	16	18	19	19	15	16	17	19	19	18	18	18	18	16	15	15	14	15	15	15	16		—	17	23	12	11
29	16	15	16	16	16	15	14	13	12	13	14	14	16	17	16	16	13	13	14	14	13	12	12	13		—	14	21	11	10
30	12	10	11	12	12	14	13	13	14	16	16	17	17	18	18	17	18	20	23	23	24	28	25	28		—	17	42	9	33
31	27	39	32	29	31	30	25	21	20	18	18	22	21	21	21	21	23	23	24	24	22	21	21	19		—	24	46	15	31
A	17	19	22	22	23	22	20	19	19	19	22	23	23	22	20	18	18	18	18	16	18	17	16	16		19				
N	20	21	22	23	22	22	22	21	21	21	22	23	23	23	21	19	18	18	18	19	19	19	19	20		21				

February 1998

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	19	18	18	18	19	20	19	19	18	17	16	17	18	22	22	20	15	12	10	9	9	8	10	10		—	16	27	8	19
2	12	13	12	12	12	12	12	13	13	14	15	15	15	16	15	14	13	13	13	13	15	15	15	16		—	14	17	10	7
3	16	15	16	16	18	18	17	16	16	—	—	—	—	—	—	—	11	13	19	16	19	21	24	21		—	—	—	—	—
4	26	24	28	28	28	26	26	27	26	23	21	20	19	20	20	20	19	17	16	16	16	16	17	19		—	21	37	14	23
5	19	19	20	21	21	22	20	19	18	20	19	18	17	18	20	18	17	17	17	18	18	19	21	21		—	19	26	15	11
6	24	25	25	27	25	24	23	24	23	23	21	20	20	20	19	18	18	17	19	19	19	19	20	20		—	21	30	16	14
7	21	19	18	19	19	19	18	17	17	19	19	20	20	19	18	17	17	18	17	16	15	15	14	14		—	18	22	13	9
8	14	15	15	15	16	18	20	21	22	22	22	24	21	22	22	19	22	23	25	24	23	23	25	27		—	21	30	12	18
9	27	28	29	29	30	26	21	18	19	18	19	20	24	24	23	21	19	18	18	17	17	18	18	19		—	22	38	15	23
10	19	20	22	23	22	22	22	21	22	22	23	22	23	25	23	23	23	24	24	24	24	25	24	24		—	23	28	17	11
11	25	26	25	25	24	23	22	21	21	21	21	19	18	19	19	17	17	18	18	19	20	20	21	21		—	21	30	15	15
12	21	20	19	23	24	27	27	28	30	29	30	27	25	25	24	23	23	24	22	25	27	25	27	26		—	25	34	17	17
13	32	38	41	40	40	36	32	32	36	34	34	38	39	37	35	33	25	23	26	21	19	19	19	17		—	31	51	15	36
14	17	18	17	16	15	14	12	14	16	17	20	20	18	18	18	17	19	23	23	24	24	24	24	26		—	19	32	11	21
15	28	28	30	35	36	37	32	28	29	26	28	28	28	27	25	24	23	23	24	24	25	25	25	26		—	28	53	20	33
16	26	27	28	30	29	30	27	26	28	29	32	34	32	35	32	31	30	33	34	34	34	33	34	34		—	31	43	23	20
17	36	37	—	—	—	—	45	41	37	37	37	33	27	29	25	26	24	22	25	24	27	27	25	28		—	—	—	—	—
18	25	26	24	21	19	21	21	22	20	20	19	17	18	20	20	21	22	22	23	24	24	25	25	26		—	22	30	15	15
19	27	28	29	30	30	31	29	28	27	26	27	28	26	23	20	20	18	17	17	17	20	22	23	24		—	24	41	15	26
20	24	25	24	24	25	25	23	24	25	25	27	28	28	26	26	27	26	27	26	26	26	21	19	15		—	25	33	13	20
21	15	15	17	16	17	16	16	17	18	20	21	20	22	28	24	22	19	20	20	19	19	20	19	19		—	19	36	13	23
22	20	20	20	21	19	20	21	22	25	26	29	29	30	30	30	29	26	24	23	19	17	16	16	15		—	23	36	14	22
23	15	15	15	16	16	15	16	21	21	24	25	26	30	30	29	29	23	20	18	20	20	21	22	24		—	21	42	13	29
24	25	24	25	24	23	24	23	23	24	23	23	23	23	24	23	22	23	22	22	22	25	38	45	—		—	—	—	—	—
25	—	—	—	40	34	24	22	30	33	34	28	25	25	23	22	21	18	19	18	17	18	22	24	22		—	—	—	—	—
26	22	23	28	29	37	34	31	26	27	30	30	27	27	30	32	30	30	28	29	27	26	29	30	29		—	29	44	20	24
27	30	32	31	31	35	33	29	31	32	30	31	30	31	30	33	31	32	32	34	34	34	34	33	37		—	32	41	25	16
28	39	44	45	45	45	46	45	43	39	31	23	25	30	34	30	33	40	35	37	36	36	39	39	36		—	37	59	16	43
A	16	21	19	22	20	20	20	20	21	22	24	23	24	25	23	22	20	19	19	18	19	21	21	20		21				
N	23	24	24	25	25	25	24	24	24	24	24	24	24	25	24	23	22	21	22	22	22	23	23	23		24				

March 1998

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	39	37	46	39	38	37	38	37	38	35	38	35	38	36	28	23	22	23	24	24	26	25		—	33	52	17	35
2	30	49	49	47	48	43	34	26	22	22	21	23	25	23	24	24	22	25	25	26	27	32	31	34		—	31	57	14	43
3	33	31	34	33	35	32	30	29	29	28	27	27	26	24	24	22	22	27	26	27	24	24	27	33		—	28	40	18	22
4	32	33	35	40	43	38	39	42	44	—	—	—	—	—	—	—	—	—	38	38	40	41	41	45		—	—	—	—	—
5	52	48	44	—	48	39	38	35	35	28	39	33	34	34	35	32	33	34	31	31	32	32	37	42		—	—	—	—	—
6	41	33	37	38	43	32	27	23	27	29	29	28	26	22	20	22	22	19	16	17	19	18	16	15		—	26	59	13	46
7	15	18	17	17	17	13	13	15	20	20	21	20	21	16	21	19	19	17	19	29	30	32	34	33		—	21	36	11	25
8	35	36	37	41	40	38	40	41	39	34	37	39	37	39	36	41	37	21	22	29	30	32	30	31		—	35	58	16	42
9	30	31	36	38	36	34	30	30	35	29	29	31	31	28	25	22	22	22	22	24	28	26	31	30		—	29	51	14	37
10	31	31	28	27	25	22	21	25	27	29	38	37	35	36	32	35	24	20	20	16	14	14	13	13		—	25	59	10	49
11	14	15	15	15	15	14	14	18	31	31	32	31	31	29	28	27	20	16	13	13	13	12	13	14		—	20	47	10	37
12	15	15	15	16	16	13	13	18	25	23	21	21	21	22	19	19	17	14	12	12	11	11	12	11		16	16	32	9	23
13	10	10	10	11	11	11	11	15	14	17	18	19	19	19	18	19	18	18	19	19	19	20	17	17		—	16	23	8	15
14	20	20	18	22	21	46	34	22	20	23	25	26	25	20	18	27	26	25	23	31	29	31	34	37		—	26	60	10	50
15	44	46	47	48	46	43	40	39	31	31	29	26	25	25	29	29	28	24	21	19	14	13	13	13		30	30	60	10	50
16	14	14	15	15	15	13	16	20	22	25	27	27	25	22	22	21	18	13	11	11	11	10	9	9		—	17	37	7	30
17	9	9	9	10	10	10	10	17	18	24	24	26	27	30	30	26	22	11	10	9	9	9	9	9		—	16	37	6	31
18	9	9	9	9	9	9	10	15	18	19	18	19	18	18	18	19	18	18	18	18	18	17	17	19		—	15	23	7	16
19	20	20	24	26	28	27	26	27	28	28	29	31	30	27	29	28	22	20	20	22	21	22	19	22		—	25	37	17	20
20	21	23	24	25	25	29	26	26	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—
23	—	—	—	—	—	—	—	—	30	28	26	27	29	26	27	27	25	24	21	19	16	18	24	26		—	—	—	—	—
24	26	26	26	26	25	23	24	23	23	26	29	30	30	30	30	28	27	19	15	13	13	13	13	15		—	23	44	11	33
25	18	18	19	18	17	16	17	19	23	26	27	28	29	29	30	28	26	19	16	15	14	15	15	16		21	21	50	11	39
26	17	18	17	16	16	15	15	18	23	25	25	26	26	30	33	31	24	22	21	17	19	23	20	25		22	22	37	12	25
27	29	28	23	21	20	20	26	26	24	24	26	25	24	23	24	25	21	18	17	17	18	24	27	26		—	23	32	16	16
28	22	21	22	23	21	23	24	24	26	—	—	—	—	—	—	28	25	24	—	—	22	18	14	13		—	—	—	—	—
29	14	14	16	21	22	23	26	28	30	31	32	33	34	32	33	34	31	27	26	25	22	20	20	19		—	26	43	12	31
30	18	17	18	18	17	15	19	26	28	26	26	26	26	26	28	27	25	22	18	18	19	20	19	19		—	22	30	13	17
31	18	19	19	20	17	17	19	21	25	24	25	25	27	28	30	31	32	31	—	—	—	—	—	—		—	—	—	—	—
A	22	21	22	22	22	19	20	22	24	24	25	25	26	27	28	27	24	21	18	18	19	20	19	20		22				
N	24	25	25	25	26	25	24	25	27	26	28	28	28	27	27	27	24	21	20	21	21	21	22	23		24				

April 1998

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	–	–	–	–	–	27	26	27	30	32	33	37	34	36	33	29	28	26	26	29	24	22	22	25		–	–	–	–	–
2	22	19	18	20	25	25	26	23	28	28	26	26	28	29	27	27	29	33	35	34	32	34	35	34		–	28	41	13	28
3	33	33	31	27	25	25	27	26	24	25	24	25	26	25	25	24	21	21	18	25	24	24	25	25		–	25	39	12	27
4	23	20	17	18	17	19	21	25	26	27	27	30	30	28	29	26	26	28	28	28	30	32	36	35		–	26	44	14	30
5	35	34	30	25	22	22	27	30	30	30	31	27	29	30	26	26	24	21	17	16	15	14	14	14		–	25	41	12	29
6	14	16	15	14	15	15	17	19	20	20	24	26	28	–	–	–	–	21	17	15	15	14	14	14		–	–	–	–	–
7	14	15	14	15	15	15	19	22	25	28	30	31	33	29	28	30	26	22	18	19	24	25	24	24		–	–	–	–	–
8	31	34	31	28	24	23	22	25	32	32	32	33	33	35	36	37	31	34	33	35	41	36	33	32		–	32	45	17	28
9	36	32	33	32	31	32	29	31	29	29	34	34	35	37	35	32	29	27	21	25	27	26	28	29		–	30	46	19	27
10	28	29	28	26	24	24	29	33	35	36	39	36	37	35	35	32	32	30	30	30	30	31	31	30		–	31	44	21	23
11	30	32	30	29	28	28	29	30	32	33	32	–	–	–	–	32	40	45	31	32	32	25	20	18		–	–	–	–	–
12	19	22	21	17	19	24	31	34	32	32	30	–	–	–	–	–	–	–	–	38	26	19	21	25		–	–	–	–	–
13	28	34	22	27	32	35	38	39	41	39	35	34	32	30	33	35	31	31	30	31	32	33	26	20		–	32	48	14	34
14	22	25	25	24	23	21	19	17	20	22	23	24	27	30	29	28	27	26	19	15	13	13	13	13		–	21	40	11	29
15	13	15	16	16	15	14	15	22	28	31	32	32	34	34	30	32	31	27	23	24	28	29	28	28		–	–	–	–	–
16	28	28	27	27	25	25	27	27	28	28	26	28	29	28	26	26	18	17	20	19	19	18	19	18		–	24	37	15	22
17	18	19	18	17	18	20	22	25	27	27	28	28	31	33	33	32	32	28	24	19	18	18	18	22		–	24	36	15	21
18	24	25	25	26	25	28	29	29	29	27	30	–	–	–	–	–	–	30	31	26	27	30	40	37		–	–	–	–	–
19	30	24	26	25	25	22	24	25	33	32	30	30	31	32	32	32	29	25	23	24	26	34	30	27		–	28	46	16	30
20	28	31	33	35	30	25	27	27	31	29	28	30	27	27	27	30	31	29	29	29	30	31	34	34		–	30	50	20	30
21	33	30	31	36	39	37	38	37	40	37	37	40	43	45	36	37	35	31	27	24	23	22	21	23		–	33	59	19	40
22	26	27	28	35	34	38	47	48	49	42	45	42	42	39	41	40	37	31	29	33	36	37	38	30		–	37	56	21	35
23	23	21	20	19	19	27	39	32	31	30	32	33	–	–	–	–	–	28	26	22	19	19	20	20		–	–	–	–	–
24	19	18	20	19	18	22	27	30	30	31	34	–	–	–	–	–	–	–	25	23	22	24	25	25		–	–	–	–	–
25	23	23	23	20	19	21	22	23	24	26	29	–	–	–	–	–	–	33	26	20	20	21	19	20		–	–	–	–	–
26	20	18	17	15	16	22	25	30	33	32	31	–	–	–	–	–	–	–	33	31	32	37	39	38		–	–	–	–	–
27	38	40	38	37	33	33	32	33	31	28	–	–	–	–	–	–	–	–	–	–	34	34	33	33		–	–	–	–	–
28	34	33	32	32	29	30	29	30	31	36	33	–	–	–	–	–	–	47	38	36	37	36	36	36		–	–	–	–	–
29	35	34	34	32	30	30	30	32	33	35	–	–	–	–	–	–	–	–	34	35	35	38	42	42		–	–	–	–	–
30	41	41	39	38	34	35	35	31	32	34	36	40	39	40	44	45	41	41	37	37	38	36	39	40		–	38	58	28	30
A	28	28	29	26	25	27	29	29	31	31	32	33	34	33	31	30	32	28	29	27	27	27	27	28		29				
N	27	27	26	25	24	25	28	29	30	30	31	32	33	33	32	32	30	29	27	27	27	27	27	27		28				

May 1998

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	42	40	39	40	41	42	39	36	35	34	32	–	–	–	–	–	–	–	–	30	26	27	31	32		–	–	–	–	–
2	33	32	33	33	31	35	32	37	39	37	38	37	–	–	–	–	–	33	32	26	25	27	23	21		–	–	–	–	–
3	23	20	17	17	18	29	33	33	35	34	33	30	–	–	–	–	–	–	32	28	27	27	26	26		–	–	–	–	–
4	25	24	23	22	23	26	30	32	35	34	33	34	–	–	–	–	38	40	38	38	35	37	47	30		–	–	–	–	–
5	44	41	44	42	41	38	31	32	30	31	33	35	34	33	29	27	24	24	28	30	28	29	33	31		–	33	60	20	40
6	27	26	24	24	23	24	24	25	26	27	25	27	26	29	26	26	24	22	24	25	23	25	26	26		–	25	38	14	24
7	24	26	29	29	31	31	29	30	31	28	28	28	28	28	29	29	30	33	26	25	23	22	20	18		–	27	37	15	22
8	17	15	15	16	17	22	25	28	29	30	28	–	–	–	–	–	–	–	–	–	24	23	22	23		–	–	–	–	–
9	22	21	19	20	21	24	26	31	34	–	–	41	42	42	43	44	45	43	43	–	–	–	–	31		–	–	–	–	–
10	30	32	28	28	30	32	32	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
11	–	–	28	30	29	33	37	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
12	–	–	32	30	31	32	35	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30	30	28	32	21	21	18	18	18	15		–	–	–	–	–
16	16	18	19	21	20	21	21	32	36	38	38	38	41	42	41	–	–	–	–	–	–	–	–	–		–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	26	32	31	32	29	27	26	26	21	23	20	21		–	–	–	–	–
22	22	24	30	31	28	26	26	30	21	25	30	25	22	26	27	21	28	27	30	27	30	29	28	31		–	27	58	11	47
23	34	28	31	29	28	29	31	28	34	29	30	25	24	26	27	27	28	27	24	22	25	27	22	19		–	27	59	11	48
24	23	27	28	31	32	25	25	22	19	17	18	20	22	22	25	27	21	19	29	31	27	22	22	23		–	24	48	13	35
25	25	27	27	25	25	28	29	31	31	31	33	26	22	24	25	28	27	30	26	18	16	21	21	17		–	26	43	12	31
26	13	15	14	16	16	20	23	22	25	22	21	32	48	33	29	31	34	29	28	24	21	17	14	14		–	23	60	10	50
27	14	13	13	14	14	20	24	27	28	26	–	–	–	–	–	–	–	–	–	17	16	17	16	16		–	–	–	–	–
28	15	15	15	16	17	19	21	23	–	–	–	–	–	–	–	–	–	–	–	–	24	23	23	22		–	–	–	–	–
29	22	21	19	22	23	27	28	28	–	–	25	26	28	33	33	34	34	30	29	27	29	34	–	–		–	–	–	–	–
30	–	–	–	–	–	33	31	26	26	26	26	27	29	30	31	34	38	42	45	–	–	–	–	–		–	–	–	–	–
31	–	–	–	–	–	–	–	–	48	35	43	39	37	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
A	25	24	24	24	24	28	30	30	33	30	31	33	34	34	34	36	38	34	32	24	25	25	22	23	29					
N	25	24	25	26	26	28	29	30	31	30	30	31	31	31	30	30	31	31	30	26	24	25	24	23	28					

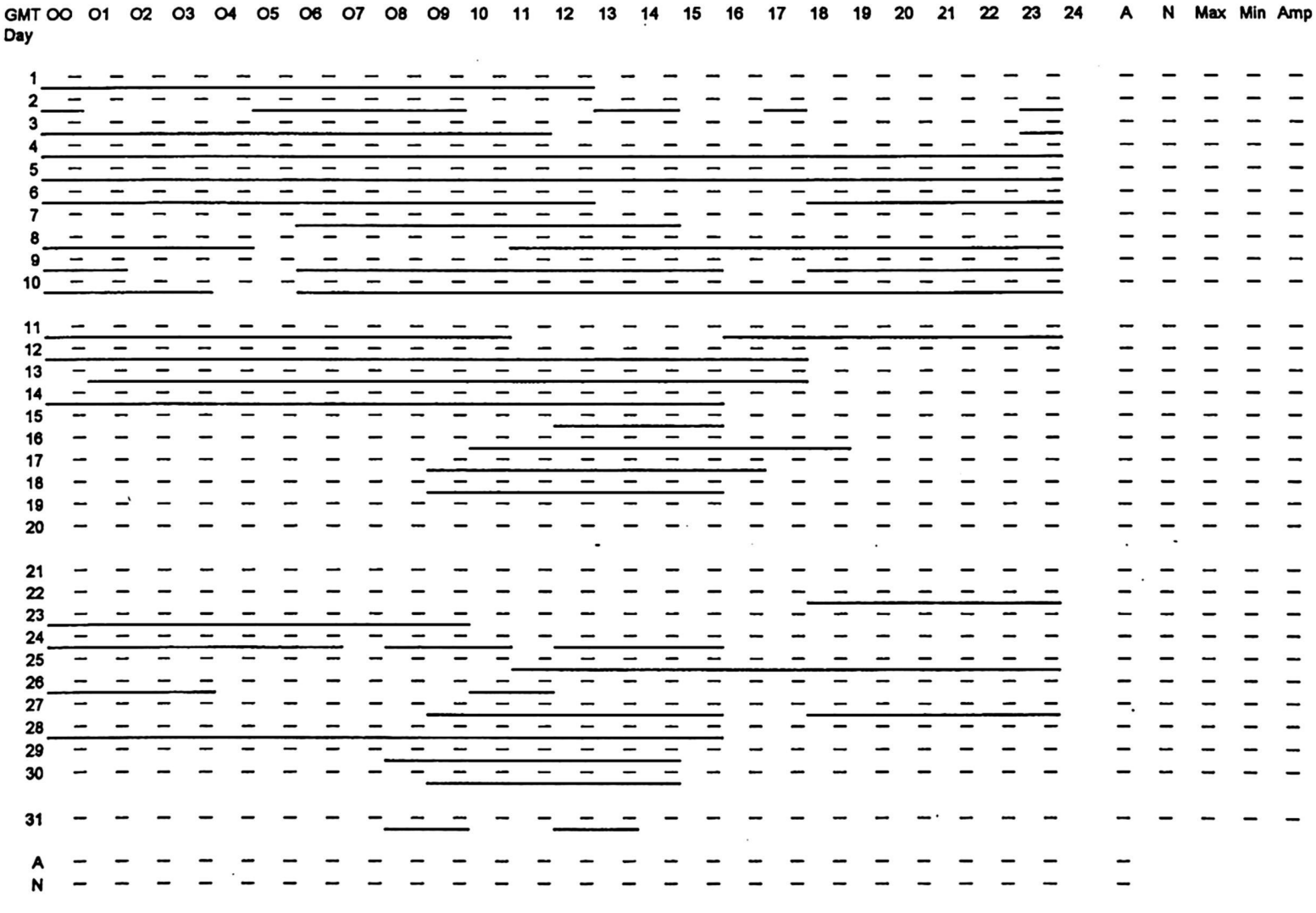
June 1998

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	–	–	–	–	–	–	–	–	34	30	30	32	35	35	38	40	32	40	39	34	35	33	29	32		–	–	–	–	–
2	30	28	30	30	32	29	28	28	29	30	30	33	36	36	35	33	34	35	39	38	32	27	26	25		–	31	53	17	36
3	24	20	17	19	24	26	27	28	28	–	–	–	–	–	–	–	–	–	–	–	–	–	54	32		–	–	–	–	–
4	26	24	21	24	27	31	34	34	38	35	31	29	33	33	34	34	31	34	36	30	28	32	33	37		–	31	44	18	26
5	36	32	32	30	30	28	31	29	31	34	32	34	36	36	35	36	36	37	33	28	27	27	28	29		32	32	48	23	25
6	28	26	24	24	27	27	28	26	25	31	31	32	34	36	39	40	41	42	39	37	38	37	37	38		33	33	44	21	23
7	37	37	35	37	38	37	37	37	38	35	37	40	41	44	44	47	49	50	50	49	47	47	46	46		42	42	56	32	24
8	45	45	42	41	39	37	38	39	39	39	–	–	–	–	–	–	–	–	–	–	39	39	40	41		–	–	–	–	–
9	43	42	43	44	43	42	40	39	40	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–
A	34	33	31	29	31	33	33	33	34	33	33	35	37	38	39	41	42	41	40	36	35	36	36	38		35				
N	34	32	31	31	33	32	33	33	34	33	32	33	36	37	38	38	37	40	39	36	35	35	37	35		35				

July 1998

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



August 1998

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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	27	33	36	43	40	36	33	33	31	37	34	–	–	–	–	–	–
23	31	32	31	31	31	31	35	43	43	39	32	30	41	43	38	36	37	39	45	45	45	44	44	40	–	38	54	26	28	
24	35	33	35	36	34	33	34	35	34	32	30	30	30	31	44	33	34	40	49	37	42	42	38	40	–	–	–	–	–	–
25	40	–	–	–	–	–	–	–	–	27	25	25	27	27	28	39	35	31	31	29	24	23	25	27	–	–	–	–	–	–
26	30	30	31	31	32	31	30	26	23	20	22	23	27	32	30	24	24	28	26	22	20	21	20	20	–	26	44	17	27	
27	18	18	18	17	19	18	24	27	22	20	18	20	24	28	30	29	29	30	20	18	18	18	18	18	–	22	39	12	27	
28	14	15	18	16	12	16	22	26	26	23	26	28	27	30	32	33	27	29	30	30	29	32	31	31	–	25	37	10	27	
29	30	28	28	27	26	22	24	26	31	35	30	33	30	25	29	31	24	22	18	15	17	24	23	24	–	26	41	13	28	
30	24	23	22	25	27	33	33	29	29	32	35	43	38	30	35	41	43	33	28	25	30	32	32	27	–	31	54	16	38	
31	26	30	28	21	26	26	28	30	31	33	34	33	37	39	34	31	27	21	19	18	17	18	19	20	–	27	49	14	35	
A	27	27	28	28	26	25	28	30	34	32	–	–	–	–	33	30	35	34	31	28	27	27	29	31	30					
N	27	26	26	25	26	26	29	30	30	29	28	29	31	31	33	33	32	31	30	27	27	28	29	28	29					

September 1998 — 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	21	21	22	21	22	23	25	27	26	27	28	24	31	27	27	30	32	19	17	15	16	18	17	17		—	23	59	13	46
2	16	15	15	17	18	21	21	23	24	22	26	28	26	29	28	29	31	23	19	16	14	15	17	17		—	21	52	12	40
3	16	17	18	19	20	22	29	32	34	34	32	35	35	35	35	36	33	23	18	17	17	18	19	21		—	26	46	14	32
4	21	21	21	21	20	21	26	29	33	33	35	34	34	36	36	35	34	28	18	15	15	15	16	19		26	26	46	12	34
5	25	28	29	29	28	29	28	28	28	29	28	28	28	30	30	29	28	27	28	28	29	30	30	29		—	28	35	20	15
6	30	30	29	30	31	32	33	34	35	34	31	32	33	30	32	32	32	32	33	33	34	36	36	37		—	33	43	25	18
7	35	33	28	25	24	26	27	29	32	34	40	34	35	33	35	36	31	30	27	26	25	25	24	22		—	30	44	18	26
8	26	31	31	29	26	26	27	27	26	23	30	35	38	43	41	39	32	31	32	38	38	37	33	33		32	32	51	19	32
9	34	36	31	29	27	23	25	27	28	28	28	27	27	28	31	26	28	27	30	29	32	31	29	28		—	29	38	19	19
10	27	28	25	24	24	24	26	27	28	28	28	28	28	28	29	31	32	28	26	28	29	29	27	26		27	27	33	21	12
11	25	24	23	22	23	24	26	27	30	31	31	31	32	32	34	29	27	27	28	30	31	30	30	29		—	28	37	21	16
12	29	30	32	33	34	35	35	34	33	31	30	32	32	32	31	32	32	29	29	29	31	32	33	39		32	32	43	24	19
13	39	39	41	42	44	45	44	37	39	39	39	37	38	41	41	41	38	46	46	55	51	43	38	35		—	42	60	20	40
14	29	32	31	30	27	27	28	29	30	30	32	33	33	34	36	34	34	27	18	15	14	13	13	12		—	27	48	11	37
15	13	16	22	22	21	19	23	27	29	27	29	29	28	28	28	28	25	27	29	26	27	20	24	29		—	25	36	11	25
16	26	27	30	29	29	26	25	23	28	28	27	27	25	27	28	20	17	21	23	26	28	24	23	22		—	25	39	12	27
17	22	23	24	23	21	23	24	25	27	28	30	24	21	22	24	26	29	25	19	16	15	16	20	20		—	23	32	14	18
18	20	20	17	19	17	16	16	16	19	24	26	23	24	19	18	18	15	13	13	13	13	13	12	12		—	17	58	5	53
19	12	13	14	14	14	14	17	18	20	23	28	29	29	28	27	29	23	19	16	13	13	13	13	13		—	19	56	11	45
20	13	15	15	15	17	17	19	23	29	30	31	34	38	39	43	44	40	26	19	25	27	24	23	20		—	26	60	12	48
21	20	21	21	18	18	20	25	31	35	34	32	38	40	43	44	41	35	25	21	16	16	16	16	17		—	27	54	13	41
22	18	19	19	19	18	19	21	22	28	32	34	26	26	33	35	35	27	19	15	13	12	12	13	14		—	22	48	10	38
23	15	16	18	20	20	20	19	21	23	27	29	29	25	26	27	27	22	24	24	16	16	17	17	18		—	22	42	12	30
24	19	19	18	17	17	17	20	21	23	24	24	27	26	28	32	31	26	17	14	12	13	13	13	14		—	20	54	6	48
25	13	13	14	14	14	15	15	17	20	23	24	25	25	26	26	25	20	15	14	13	13	14	14	14		—	18	30	11	19
26	15	16	16	16	15	17	19	21	23	24	24	24	26	28	28	23	20	17	15	16	16	16	15	15		—	19	31	12	19
27	14	15	15	16	17	16	19	21	24	26	27	29	30	30	27	27	23	19	17	16	15	15	16	17		—	21	37	12	25
28	20	21	19	21	21	22	22	24	25	27	33	37	38	35	33	32	28	26	27	25	27	30	30	27		—	27	43	15	28
29	31	32	32	30	31	36	38	38	39	40	36	33	34	39	41	38	37	36	41	40	39	41	41	44		—	37	52	26	26
30	45	44	44	41	42	38	34	33	32	34	35	35	34	35	34	31	25	25	25	23	26	38	42	42		—	35	60	20	40
A	25	26	27	26	25	24	25	26	28	27	30	30	30	32	33	33	30	25	24	23	23	24	24	25		27				
N	23	24	24	23	23	24	25	26	28	29	30	30	31	31	32	31	29	25	23	23	23	23	23	23		26				

October 1998 — 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	47	47	38	36	33	33	33	36	35	41	38	39	39	36	30	28	21	17	13	15	17	16	17	18		—	30	60	11	49
2	23	26	26	25	24	20	22	27	30	32	30	28	26	25	24	23	22	20	24	26	27	31	34	37		26	26	50	17	33
3	36	37	34	35	31	36	29	34	28	26	26	28	26	25	26	27	28	30	27	33	34	29	30	27		—	30	49	14	35
4	27	27	27	27	25	25	23	23	22	23	24	24	25	25	25	24	24	25	25	26	30	32	33	35		—	26	49	19	30
5	33	34	34	29	27	26	25	26	27	30	29	29	26	26	24	19	16	14	17	17	15	15	16	18		—	24	44	11	33
6	19	20	21	23	26	26	24	25	27	28	30	29	29	29	27	23	18	13	11	11	12	12	13	15		—	21	35	10	25
7	16	21	24	25	24	24	24	26	27	28	26	24	25	25	25	26	23	23	23	26	26	28	30	31		—	25	36	13	23
8	32	34	35	34	33	31	30	30	31	32	31	32	30	30	30	24	22	22	22	22	23	24	23	25		—	28	41	19	22
9	27	24	22	20	19	19	19	19	22	22	21	20	21	21	20	18	17	16	16	16	17	21	22	23		—	20	30	14	16
10	24	23	22	23	26	29	23	24	27	29	33	39	35	26	32	33	37	33	35	39	38	39	43	41		—	31	49	18	31
11	41	38	42	34	42	44	36	34	31	34	30	31	32	32	31	29	30	30	35	35	34	34	31	30		—	34	54	17	37
12	28	29	31	32	32	32	32	31	32	33	33	34	33	29	28	25	23	22	24	28	25	23	23	23		—	29	45	14	31
13	23	23	25	27	28	28	27	26	24	27	27	26	28	26	23	25	22	17	13	12	11	12	11	10		—	22	37	8	29
14	12	13	14	12	13	13	13	14	15	16	21	21	22	25	22	18	18	18	18	18	18	18	19	21		—	17	28	9	19
15	24	26	26	25	23	23	25	25	27	30	36	37	30	22	22	24	17	16	17	18	19	20	21	21		—	24	43	15	28
16	21	22	24	25	28	25	25	25	25	24	25	26	23	21	20	21	15	14	12	11	10	11	13	15		—	20	36	9	27
17	16	17	17	18	17	17	16	18	21	22	23	23	24	25	25	22	19	17	18	21	23	24	22	22		20	20	52	14	38
18	23	23	24	25	26	27	35	34	33	30	28	28	27	26	25	31	35	33	30	25	23	24	24	23		—	28	40	20	20
19	23	23	22	19	16	15	12	17	19	19	24	28	26	27	26	21	14	12	11	11	12	12	13	15		—	18	35	10	25
20	18	21	23	22	19	19	19	20	21	25	23	23	23	21	21	19	22	21	22	27	25	24	22	22		—	22	32	14	18
21	23	25	26	27	27	27	25	24	24	23	23	26	26	30	31	24	18	19	20	20	20	20	22	23		—	24	35	16	19
22	24	24	23	21	21	22	27	27	26	26	26	25	24	24	24	25	25	23	26	25	21	20	20	23		—	24	60	18	42
23	27	25	25	24	23	20	18	20	21	28	29	30	31	31	31	25	18	20	20	21	21	21	21	22		—	24	34	16	18
24	22	22	21	21	21	20	20	21	21	20	21	23	23	25	20	16	14	16	15	15	16	16	16	16		—	19	26	12	14
25	16	16	16	18	18	18	18	18	19	20	18	18	17	20	21	20	20	19	19	18	22	28	34	33		—	20	37	14	23
26	33	32	33	26	20	17	19	26	23	23	24	22	19	19	22	21	19	14	13	16	16	15	16	19		—	21	38	10	28
27	21	19	19	19	18	15	12	16	18	19	21	23	21	20	22	19	17	17	17	17	17	16	18	17		—	18	29	10	19
28	18	20	23	27	27	31	30	28	25	25	23	24	27	29	27	21	26	28	42	31	32	34	33	31		—	28	60	13	47
29	31	30	25	31	32	30	25	27	25	23	21	21	22	25	29	28	27	25	21	22	21	25	24	24		—	26	36	13	23
30	27	23	22	27	34	36	29	24	27	29	33	28	32	28	27	26	26	20	21	23	25	25	22	27		—	27	40	15	25
31	27	26	26	26	29	31	25	29	26	25	27	26	22	23	19	19	21	21	22	22	23	24	24	24		—	24	39	15	24
A	24	25	25	23	23	23	22	23	24	26	27	29	27	27	25	23	19	19	19	21	21	22	21	22		23				
N	25	26	25	25	25	25	24	25	25	26	27	27	26	26	25	23	22	20	21	22	22	22	23	24		24				

November 1998

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	25	25	24	23	23	19	17	19	20	19	16	17	18	14	14	16	17	23	22	24	23	25	25	22		—	20	41	12	29
2	24	28	25	26	24	21	22	23	22	22	23	25	26	24	24	22	13	17	16	20	20	19	20	19		—	22	47	11	36
3	20	20	17	17	15	16	15	16	16	18	19	16	15	17	16	15	17	21	24	24	26	26	25	26		—	19	30	12	18
4	30	33	33	31	31	24	18	25	26	29	31	28	22	20	19	16	15	15	14	16	16	16	17	17		—	23	37	13	24
5	17	17	17	19	22	25	25	23	25	27	27	27	26	23	23	26	24	22	23	23	21	20	22	24		—	23	33	14	19
6	27	26	25	26	24	23	23	18	21	23	24	24	23	24	23	21	23	22	21	27	27	29	32	36		—	25	45	12	33
7	38	35	34	32	31	29	27	25	23	22	21	21	22	22	22	19	18	16	16	16	15	14	13	13		—	23	45	11	34
8	13	13	13	14	14	14	14	15	17	17	18	16	14	12	11	10	10	12	15	16	16	19	26	25		—	15	42	9	33
9	29	28	30	31	30	26	23	22	20	23	24	22	22	23	18	20	21	22	19	19	20	22	25	27		—	24	53	13	40
10	29	31	29	27	30	27	23	22	23	22	21	21	21	22	20	18	19	19	20	21	23	24	25	26		—	23	35	15	20
11	27	28	28	29	31	30	26	25	23	21	21	18	18	17	17	16	15	15	12	12	12	12	12	13		—	20	40	11	29
12	14	14	14	16	15	14	12	12	15	13	14	18	19	14	12	15	13	12	13	12	13	14	14	15		—	14	22	8	14
13	15	15	15	13	13	12	13	13	14	16	19	20	22	23	18	13	15	14	12	12	12	12	11	12		—	15	26	9	17
14	13	14	15	15	14	15	15	16	16	15	16	17	18	18	17	18	17	17	18	19	19	21	22	24		—	17	27	12	15
15	26	27	29	29	30	29	28	28	25	24	24	23	24	26	25	24	23	24	26	26	25	27	28	26		—	26	34	20	14
16	26	28	28	27	27	26	23	24	23	22	23	23	22	19	17	16	15	17	17	15	18	18	17	19		—	21	34	13	21
17	17	18	17	18	18	16	15	15	15	14	14	14	15	15	15	17	18	15	18	22	22	24	29	33		—	18	42	12	30
18	33	30	34	37	28	25	21	18	17	15	13	12	10	10	10	10	9	10	10	16	17	16	16	16		—	18	46	8	38
19	16	15	20	23	22	18	15	13	14	14	14	13	13	14	14	13	12	12	14	15	18	17	14	16		—	15	28	10	18
20	15	18	18	20	18	15	13	13	12	12	12	13	14	12	12	11	13	13	14	15	16	16	16	18		—	15	31	10	21
21	20	22	24	25	27	27	23	19	17	17	16	16	16	14	11	9	8	7	7	7	7	7	7	8		—	15	40	5	35
22	9	10	11	12	12	10	11	12	13	14	15	15	15	14	11	11	10	10	13	13	13	12	14	15		—	12	18	7	11
23	16	18	19	19	19	17	14	14	15	18	19	19	19	18	16	15	15	16	17	17	18	19	21	23		18	18	26	10	16
24	23	25	25	25	23	21	17	18	19	20	21	20	19	18	17	18	17	18	18	19	19	20	19	19		—	20	31	14	17
25	19	20	21	21	20	18	15	15	16	17	18	18	18	17	14	12	12	10	10	12	11	9	9	9		—	15	25	8	17
26	9	10	11	13	12	13	13	12	13	15	15	16	15	15	13	13	13	14	13	13	13	13	14	15		—	13	22	7	15
27	15	15	15	16	16	16	16	17	19	17	16	17	15	14	14	16	15	15	15	16	17	17	16	17		—	16	21	12	9
28	17	18	17	18	18	18	17	16	16	18	17	17	18	18	17	17	18	20	20	22	22	23	24	26		—	19	27	14	13
29	27	28	30	31	34	36	38	33	27	30	31	32	30	29	29	28	28	28	28	29	30	31	32	34		—	31	41	24	17
30	37	39	40	37	36	39	37	25	25	24	26	30	28	26	22	21	20	20	21	21	22	22	21	22		—	28	48	16	32
A	16	17	17	18	18	16	15	16	17	20	21	20	19	17	13	13	13	14	14	13	13	15	15	16		16				
N	22	22	23	23	23	21	20	19	19	19	20	20	19	19	17	17	16	17	17	18	18	19	20	20		19				

December 1998 — 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	23	23	23	21	19	16	15	15	17	18	18	15	14	15	16	15	14	15	15	16	17	17	16		—	17	34	12	22
2	16	18	18	18	17	16	15	15	15	15	16	18	18	17	15	13	12	11	11	12	12	10	8	9		—	14	26	7	19
3	10	14	15	18	17	14	11	11	12	12	12	11	11	12	11	10	10	10	9	10	10	11	10	10		12	12	19	8	11
4	11	11	11	11	12	11	12	12	13	14	14	14	14	12	10	10	12	13	12	13	13	14	14	15		—	12	16	8	8
5	14	15	14	15	16	15	14	12	11	11	11	11	11	12	13	14	17	17	16	16	17	16	17	17		—	14	18	9	9
6	16	18	18	19	22	27	24	22	15	20	25	27	28	28	27	24	21	25	20	15	19	20	23	23		—	22	33	13	20
7	24	26	31	28	37	35	32	29	22	20	20	24	23	20	23	24	23	25	24	20	21	17	20	19		—	24	42	13	29
8	19	18	18	18	17	19	22	23	24	24	24	22	21	20	18	16	15	16	17	17	18	18	22	21		—	19	30	12	18
9	19	18	20	20	20	18	17	16	16	15	30	20	20	26	23	22	28	28	24	25	25	24	24	26		—	22	58	13	45
10	25	26	30	32	30	27	24	18	17	19	21	20	19	17	15	16	17	17	17	16	17	18	19	19		—	21	49	13	36
11	20	20	20	22	18	17	16	13	12	13	12	11	11	11	10	10	10	11	12	11	11	12	11	12		—	14	33	9	24
12	13	13	12	13	13	13	12	11	10	10	10	11	11	11	11	10	12	12	14	13	13	14	14	13		—	12	15	9	6
13	13	13	12	13	13	14	14	14	14	14	14	14	16	19	18	20	23	26	23	22	25	29	38	40		—	19	47	11	36
14	49	54	46	43	42	36	35	26	22	26	23	20	19	20	20	19	18	18	18	17	18	20	20	21		—	27	60	15	45
15	22	19	18	18	17	16	15	15	16	17	16	16	14	14	14	13	13	13	13	13	13	14	15	15		—	15	23	12	11
16	16	18	19	20	18	17	16	17	19	21	21	32	22	19	18	18	19	17	16	18	20	19	20	23		—	19	39	14	25
17	26	28	34	35	29	26	22	22	19	17	17	18	19	20	20	19	18	18	19	18	17	17	20	21		—	22	46	15	31
18	20	20	19	19	18	16	15	15	14	17	18	18	21	19	17	16	14	14	15	13	12	13	13	13		—	16	26	11	15
19	15	18	19	19	20	19	19	16	17	19	19	20	18	18	20	19	20	24	24	25	27	28	29	31		—	21	34	13	21
20	32	35	34	35	33	32	31	27	23	31	30	32	27	26	26	19	20	20	21	23	23	30	25	24		—	28	39	17	22
21	32	31	28	29	35	34	31	29	26	25	24	24	24	24	23	22	21	21	22	23	21	18	18	19		—	25	42	17	25
22	23	28	29	26	26	24	24	20	18	18	19	19	19	17	15	14	13	11	10	9	9	8	8	8		—	17	35	7	28
23	8	9	10	13	15	12	11	11	11	11	11	12	12	11	11	12	12	13	13	12	12	11	11	11		—	11	16	7	9
24	12	14	14	14	15	14	13	12	12	12	12	13	13	13	13	14	13	13	14	14	14	14	15	15		—	14	16	10	6
25	16	18	20	20	19	19	20	21	20	21	22	23	24	21	20	20	19	19	19	19	19	20	20	20		—	20	26	14	12
26	21	21	22	23	24	24	24	24	24	26	26	28	29	29	30	29	30	28	27	28	27	26	26	25		—	26	31	19	12
27	25	25	25	25	24	22	28	30	31	31	34	34	32	33	33	33	33	32	30	30	29	28	28	28		—	29	37	20	17
28	28	30	32	34	35	36	35	28	30	31	30	29	26	25	23	22	21	20	21	21	22	22	23	24		—	27	39	19	20
29	24	25	26	25	23	22	24	27	27	26	26	26	26	26	23	18	18	15	13	12	12	11	11	12		—	21	32	10	22
30	14	14	15	14	13	15	15	12	13	12	12	12	12	13	12	15	16	17	17	19	20	21	22	22		—	15	25	11	14
31	24	27	30	31	30	30	27	26	25	23	23	21	23	22	22	21	22	22	22	22	23	25	25	23		—	25	36	17	19
A	17	18	17	19	18	16	15	16	17	17	19	19	19	20	18	18	16	15	15	16	16	16	16	15		17				
N	20	21	22	22	22	21	21	19	18	19	20	20	19	19	18	18	18	18	18	18	18	18	19	19		19				

Number of condensation nuclei per 1 cm^3 of air.
1998

January

Data	I	II	III	M
1	13600	21000	27000	20500
2	10900	21000	23500	18500
3	15800	25200	21000	20700
4	4900	33500	7200	15200
5	21700	34500	21000	25700
6	21100	19600	9400	13700
7	8000	16900	26000	17000
8	21700	16200	7400	15100
9	8700	22500	27000	19400
10	9000	13600	12600	11700
11	10600	10500	15700	12300
12	22500	37000	46500	35300
13	26000	24500	42500	31000
14	23500	32500	52500	36200
15	57000	26000	45000	42700
16	19600	36300	32300	29400
17	14600	15700	10100	13500
18	8000	7300	22500	12600
19	13600	18200	10100	14000
20	23500	10900	21000	18500
21	13500	16900	19800	16700
22	9400	11300	28000	16200
23	21000	24500	22500	22700
24	15600	12600	39500	22600
25	17600	18200	49500	28400
26	29000	10100	55500	31500
27	10100	26000	33000	23000
28	10500	10100	24500	15000
29	18200	51000	25500	31600
30	28000	18200	10900	19000
31	10100	45000	18900	24700
M	17000	22200	26100	21800

February

Date	I	II	III	M
1	8400	28000	37000	24500
2	29000	48000	42000	39600
3	10500	7300	7300	8300
4	8700	22500	42000	24400
5	27000	26000	21100	24700
6	8700	14600	10500	11300
7	29000	21000	11800	20600
8	11900	8400	8400	9600
9	45000	18200	15600	26200
10	16800	32000	15100	21300
11	10900	18200	19600	16200
12	8000	15600	6700	10100
13	9400	7400	25500	14100
14	34500	13500	7300	18400
15	4700	5600	10900	7100
16	6700	13500	10500	10200
17	6400	29000	19600	18300
18	29000	19600	8700	19100
19	8000	10100	43500	20500
20	19600	10100	8000	12600
21	13000	51000	34500	32800
22	21100	11700	25200	19300
23	19600	21000	57700	32800
24	16400	10100	16400	14300
25	26000	74000	74000	58000
26	10500	14500	26000	17000
27	24200	12100	12600	16300
28	2400	21000	10100	11200
M	16600	20900	22400	20000

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.
1998

March

Data	I	II	III	M
1	5100	9400	39500	18000
2	10100	72000	7400	29800
3	10100	10600	13100	11300
4	10900	18200	8400	12500
5	12200	45000	10200	22500
6	10500	22500	52700	28600
7	30000	14600	17500	20700
8	5400	7700	10200	7800
9	8700	18300	21800	16300
10	21800	16200	13500	17200
11	19600	15600	32000	22400
12	18200	86500	54000	52900
13	62000	16900	15600	31500
14	48000	57000	10100	38400
15	4300	42000	19600	22000
16	45000	39500	37000	40500
17	48000	9800	75700	44500
18	10100	21100	21000	47700
19	18200	48000	30000	32100
20	10500	15900	24500	17000
21	8700	27000	21000	18900
22	12600	11800	46500	23600
23	17600	74000	23500	38400
24	18200	26000	28000	24100
25	30000	27000	30000	29000
26	98000	19600	28000	48500
27	28000	65000	54000	49000
28	5400	10500	18300	11400
29	5200	6100	16400	9200
30	43500	86500	91000	73700
31	48000	82500	78000	69500
M	26300	33000	30600	30000

April

Date	I	II	III	M
1	91000	16900	19600	42500
2	10500	15200	10700	12100
3	12600	11700	16800	13700
4	37000	18300	21000	25400
5	15700	35500	42000	31100
6	64000	24000	42000	43300
7	109500	52500	82000	81300
8	33500	12200	10900	18900
9	14600	9900	18900	14500
10	18200	5200	7300	10200
11	15600	96000	7300	39600
12	8700	61500	5200	25100
13	6700	11700	5200	7900
14	14600	19600	16200	16800
15	51000	25000	37000	37700
16	30000	42000	19600	30500
17	22500	15900	32500	23600
18	19600	74000	19600	37700
19	6100	5600	12600	8100
20	9800	10900	7300	9300
21	7300	8800	8400	8200
22	10100	17400	40500	22700
23	23500	33500	61000	39300
24	24300	11800	42500	26200
25	22500	10900	21100	18200
26	10200	68500	77000	51900
27	21800	37000	40500	33100
28	10100	8800	10500	9800
29	12800	31000	21100	21600
30	18200	21800	30500	23500
M	25100	27100	26200	26100

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.
1998

May

Data	I	II	III	M
1	19700	35500	14100	23100
2	11400	13500	22500	15800
3	10900	64000	24000	33000
4	15600	19600	12600	15900
5	11800	9100	6400	9100
6	6100	10500	27000	14500
7	12600	21000	25000	19500
8	30000	98500	35500	54700
9	36900	18900	22900	26200
10	8700	7400	27000	14400
11	31000	32000	65500	42800
12	32000	11300	18200	20500
13	13500	11400	11800	12200
14	11800	24500	13100	16500
15	10900	19600	35500	22000
16	7700	7800	10900	8800
17	7300	3300	11700	7400
18	15600	9100	9800	11500
19	14700	4000	16800	11800
20	12600	45000	10900	22800
21	10500	16900	15600	14300
22	14600	19600	14600	16300
23	5200	85000	19600	36600
24	8700	8700	6700	8000
25	7700	34500	15700	19300
26	16400	29400	7300	17700
27	26000	42000	10200	26100
28	14600	45300	24000	28000
29	13100	177500	20400	70300
30	19600	48000	23500	30400
31	8700	24000	39500	24100
M	15000	32200	19900	22400

June

Date	I	II	III	M
1	11700	11800	7400	10300
2	5000	22500	9500	12300
3	16200	52500	23500	30700
4	13700	45000	14700	24500
5	12200	29900	18200	20100
6	87000	62000	14100	54400
7	10200	26000	16900	17700
8	9400	52500	5200	22400
9	10100	7400	8700	8700
10	14600	12600	31000	19400
11	4400	12600	6800	7900
12	11500	11700	11800	11700
13	5600	6700	5100	5800
14	6200	5400	4700	5400
15	6700	13700	4500	8300
16	11400	5900	9400	8900
17	6700	8700	11800	9100
18	16200	50700	17900	28300
19	10900	4400	12600	9300
20	15900	15600	15600	15700
21	18900	31000	15900	21900
22	7400	32500	7700	15900
23	10100	13200	13500	12300
24	8400	7400	12200	9300
25	7700	37000	18300	21000
26	24000	13500	8000	15200
27	11400	10100	13200	11600
28	1700	4000	9400	5000
29	11800	28000	10900	16900
30	12600	13500	13500	13200
M	13300	21600	12400	15800

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.
1998

July

Data	I	II	III	M
1	7100	69000	8700	28300
2	8000	24500	11700	14700
3	8000	9500	10900	9500
4	7400	5200	10100	7600
5	4300	12200	4900	7100
6	8400	27000	12600	16000
7	14100	21000	17500	17500
8	12200	54500	14600	27100
9	19600	12700	8700	13700
10	15600	11600	11400	12900
11	10900	21800	14100	15600
12	4300	8000	7700	6700
13	21000	26000	15200	20700
14	8100	13200	12600	11300
15	11400	40000	18200	23200
16	21000	26000	14100	20400
17	10500	32500	7100	16700
18	11800	11700	25000	16200
19	7400	18200	13700	13100
20	21800	43300	14600	26600
21	13200	16900	16200	15400
22	14600	15600	4700	11600
23	8700	7700	8700	8400
24	16400	10100	10100	12200
25	11700	7400	11400	10200
26	4000	3500	10200	5900
27	15700	7600	34000	19100
28	31000	10600	7000	16200
29	13500	7400	6200	9000
30	15700	17600	15600	16300
31	14600	10900	21800	15800
M	12600	19500	12900	15000

August

Date	I	II	III	M
1	16900	21000	10900	16300
2	6500	6100	8000	6900
3	5100	12200	10500	9300
4	13600	8000	49000	23500
5	10500	14600	28000	17700
6	10900	33000	19600	21200
7	23500	18900	13500	18600
8	5200	8700	13200	9000
9	6700	18300	6700	10600
10	18900	13900	12200	15000
11	13500	21000	16900	17100
12	20300	21800	24300	22100
13	18900	114000	21800	51600
14	12600	11800	13100	12500
15	10500	28000	10900	16500
16	9800	24500	16400	16900
17	7300	80000	18900	35400
18	10500	24600	24300	19800
19	12600	22500	21000	18700
20	24300	51000	54000	43100
21	21000	18200	11100	16800
22	4000	14600	8700	9100
23	4500	39500	12200	18700
24	21800	18300	6700	15600
25	8000	32500	12600	17700
26	8400	15200	10500	11400
27	11700	17900	28000	19200
28	15600	17000	21000	17900
29	18900	15100	24000	19300
30	3600	5100	14100	7600
31	5100	18900	25000	16300
M	12300	24700	18300	18400

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.
1998

September

Data	I	II	III	M
1	7300	15600	22500	15100
2	6200	10100	15700	10700
3	17100	8400	15600	13700
4	31000	7400	8700	15700
5	8000	15900	7100	10300
6	6200	24500	26000	18900
7	19600	25000	19900	21500
8	14900	48000	24500	29100
9	16900	25400	16400	19600
10	20400	37000	24500	27300
11	15200	19600	30000	21600
12	13200	18300	21400	17600
13	5600	15200	5700	8800
14	7700	8900	33000	16500
15	28000	22800	15900	22200
16	14100	7100	8400	9900
17	18300	20300	16900	18500
18	31000	34500	23500	29700
19	11800	11800	21100	14900
20	5900	2300	12600	6900
21	16800	12800	18200	15900
22	20300	13700	25000	19700
23	19600	18000	11700	16400
24	25000	9400	22500	19000
25	28000	15100	28000	23700
26	17100	15100	31000	21100
27	8700	11700	45000	21800
28	28000	10200	14600	17600
29	4500	6700	7300	6200
30	4700	6200	10100	7000
M	15700	16600	19400	17200

October

Date	I	II	III	M
1	6500	5200	26000	12600
2	21800	24000	18900	21600
3	6200	5600	6100	6000
4	5400	5400	6700	5800
5	11800	11700	15700	13100
6	10100	10100	32000	17400
7	11400	8700	5100	8400
8	18900	6700	11100	12200
9	14600	19600	24000	19400
10	25000	8700	5600	13100
11	3600	6100	10100	6600
12	15100	29700	14600	19800
13	5200	10100	26000	13800
14	22500	18200	21000	20600
15	10500	7000	46300	21300
16	11800	30000	45000	28900
17	15700	18200	23500	19100
18	3800	22400	13100	13100
19	65000	24500	72500	54000
20	21000	15200	14600	16900
21	7700	23500	21000	17400
22	18900	14700	15200	16300
23	57500	29000	30000	38800
24	24000	11800	31000	22300
25	7000	4300	7700	6300
26	25300	42500	67000	44900
27	57000	11800	21000	29900
28	10500	10600	4300	8500
29	14100	43500	7700	21800
30	7300	4300	23800	11800
31	7000	9100	7700	7900
M	17500	15900	21800	18400

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.
1998

November

Data	I	II	III	M
1	9400	9100	6700	8400
2	5900	18300	14600	12900
3	27000	31000	9400	22500
4	31000	16900	18200	22000
5	10100	8000	10100	9400
6	10500	18900	12200	13900
7	8100	19600	14100	13900
8	15900	9400	9400	11600
9	7300	4000	10500	7300
10	15600	22500	13600	17200
11	6400	14600	16900	12600
12	14100	45000	24300	27800
13	15200	15900	70500	33900
14	18300	5200	10100	11200
15	3400	8000	6400	5900
16	13100	5600	9800	9500
17	9400	22500	20300	17400
18	4700	18200	32000	18300
19	20300	10900	13500	14900
20	24000	19600	14600	19400
21	6500	13500	23800	14600
22	18200	13700	13500	15100
23	46500	24000	21800	30800
24	28000	26000	10900	21600
25	28000	22500	36500	29000
26	37000	24500	16900	26100
27	14600	21100	27000	20900
28	16900	16800	11800	15200
29	5400	6100	8700	6700
30	5400	11400	13500	10100
M	15900	16800	17400	16700

December

Date	I	II	III	M
1	21000	33000	23300	25800
2	30000	21000	40500	30500
3	39500	54000	52500	48700
4	24000	43500	19600	29000
5	14100	30000	6400	16800
6	11700	7400	10000	9700
7	4700	4700	8700	6000
8	13600	16800	11700	14000
9	6700	19600	10100	12100
10	10900	13500	18200	14200
11	14600	37000	14100	21900
12	11500	37000	15600	21400
13	9400	11800	4500	8600
14	5600	18900	14100	12900
15	23500	28000	22500	24700
16	11700	9400	16400	12500
17	18200	10100	18200	15500
18	35500	78000	40000	51200
19	18900	32000	10100	20300
20	3100	4500	13500	7000
21	7700	14600	10900	11100
22	10500	21800	32000	21400
23	38000	33500	6800	26100
24	21000	34300	17600	24300
25	5000	6100	10900	7300
26	7400	8000	7700	7700
27	4700	8400	7100	6700
28	14600	33000	25000	24200
29	22500	21100	45000	29500
30	15600	44000	10100	23200
31	4500	20400	7700	10900
M	15500	24400	17800	19200

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

Meteorological elements January 1998

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	104.0	104.6	104.2	104.3	0.4	3.0	2.7	1.1	3.1	-1.7	4.8	-3.5	5.7	7.2	7.1	6.7	91	95	95	93	C 0	C 0	C 0	0.0
2	97.8	94.7	92.8	95.1	-0.2	3.9	1.3	1.1	4.6	-1.3	5.9	-3.9	5.7	7.0	6.2	6.3	94	86	93	92	C 0	W 1	S 1	0.7
3	94.8	95.5	93.1	94.5	0.7	4.7	2.9	2.2	5.3	-0.2	5.5	-3.5	6.3	7.8	7.0	7.0	98	91	94	95	C 0	S 2	S 2	1.3
4	90.1	93.7	94.5	92.8	5.7	6.1	3.6	4.6	6.5	2.8	3.7	-2.5	7.7	6.0	6.7	6.8	84	63	85	79	SW 3	SW 3	S 3	3.0
5	87.9	90.2	92.3	90.1	3.7	7.0	4.1	3.8	7.2	0.4	6.8	-1.3	7.0	6.8	5.9	6.6	88	68	72	79	S 3	SSW 3	SSW 2	2.7
6	87.7	87.3	92.0	89.0	2.5	5.5	3.3	3.1	5.6	1.1	4.5	-3.6	6.8	8.1	7.4	7.4	93	90	95	93	SSW 2	SSW 1	SW 1	1.3
7	100.8	101.3	98.9	100.3	4.0	5.9	3.8	4.1	6.1	2.4	3.7	0.0	7.0	6.6	7.4	7.0	86	71	92	84	SW 2	WSW 2	C 0	1.3
8	102.1	101.3	104.0	102.5	6.0	7.2	5.3	5.8	8.5	3.2	5.3	2.5	7.1	8.4	7.0	7.5	76	83	79	78	WSW 3	SW 3	W 5	3.7
9	104.7	107.4	113.1	108.4	2.2	4.1	0.3	2.0	5.4	0.3	5.1	-3.9	6.8	7.6	5.6	6.7	95	92	89	93	C 0	NW 2	NW 1	1.0
10	115.9	117.6	117.4	117.0	0.1	2.8	1.1	0.2	3.0	-3.3	6.3	-6.9	5.7	5.9	5.9	5.8	93	79	90	89	C 0	C 0	S 1	0.3
11	112.9	110.8	109.5	111.1	5.9	8.8	3.9	4.9	9.0	0.7	8.3	-2.1	8.9	8.9	7.3	8.4	96	79	91	90	SSW 1	SW 3	SSW 2	2.0
12	109.1	108.2	106.8	108.0	-1.3	6.6	0.2	0.9	7.0	-2.2	9.2	-6.4	5.3	7.4	5.7	6.1	96	76	93	90	C 0	C 0	C 0	0.0
13	103.9	103.1	102.7	103.2	-2.4	3.8	-0.7	-0.5	4.5	-3.3	7.8	-7.2	4.9	6.5	5.5	5.6	96	82	94	92	C 0	C 0	C 0	0.0
14	102.4	103.3	103.8	103.2	0.9	3.1	-1.3	0.4	3.3	-1.5	4.8	-5.4	6.1	6.1	5.2	5.8	93	80	94	90	S 1	S 1	ESE 1	1.0
15	109.5	109.6	110.4	109.8	-1.4	4.8	0.0	0.3	5.0	-2.3	7.3	-6.4	5.2	7.2	5.8	6.1	94	84	95	92	C 0	C 0	C 0	0.0
16	104.7	101.8	99.3	101.9	-1.3	3.9	3.0	1.1	5.0	-2.4	7.4	-7.2	5.3	6.7	6.7	6.2	96	83	89	91	C 0	SE 1	SE 1	0.7
17	98.5	99.9	104.5	101.0	3.2	5.1	3.9	3.6	5.6	1.6	4.0	-1.0	7.4	8.4	7.1	7.6	97	96	88	94	C 0	SW 1	W 2	1.0
18	106.8	105.0	102.4	104.7	0.9	4.5	0.3	1.2	5.2	-1.4	6.6	-5.4	5.7	6.2	5.6	5.8	88	74	89	85	C 0	WNW 1	C 0	0.3
19	91.5	89.3	85.2	88.7	0.3	4.5	3.9	2.0	4.6	-0.8	5.4	-3.7	5.0	5.4	5.9	5.4	80	64	73	74	SSE 1	SSW 1	SSW 3	1.7
20	88.9	94.9	100.3	94.7	2.8	6.4	3.5	3.6	6.6	1.6	5.0	-1.3	6.0	7.5	6.5	6.7	81	78	83	81	S 2	W 2	W 2	2.0
21	109.4	112.9	116.0	112.8	1.5	2.5	1.9	1.5	3.7	-1.1	4.8	-4.0	6.1	7.0	6.5	6.5	90	95	93	92	N 1	N 1	NE 2	1.3
22	120.8	122.1	122.5	121.8	0.1	0.2	-1.4	-0.3	2.2	-2.1	4.3	-5.5	5.2	4.9	4.7	4.9	84	79	84	83	SSE 4	NE 3	NNE 1	2.7
23	121.9	119.8	117.2	119.6	-5.0	1.5	-3.6	-3.2	2.0	-6.2	8.2	-10.4	3.5	3.0	3.4	3.3	84	44	72	71	NE 2	E 2	E 1	1.7
24	111.1	110.8	112.6	111.5	-9.8	-2.8	-8.2	-7.9	-1.8	-11.8	10.0	-15.4	2.7	3.0	2.8	2.8	91	60	84	82	C 0	C 0	C 0	0.0
25	117.3	119.2	120.4	119.0	-12.2	-1.8	-8.0	-8.8	-1.7	-13.5	11.8	-15.9	2.1	4.1	2.9	3.0	89	77	87	86	C 0	WNW 1	C 0	0.3
26	121.8	121.7	120.4	121.3	-13.7	-2.0	-7.3	-9.2	-1.6	-14.4	12.8	-16.6	2.0	3.9	3.2	3.0	95	73	91	88	C 0	C 0	C 0	0.0
27	115.8	112.6	107.4	111.9	-4.6	-4.8	-7.8	-6.6	-3.4	-10.8	7.4	-14.4	3.8	3.6	3.2	3.5	87	84	95	88	WSW 1	WSW 1	SSW 1	1.0
28	96.9	95.9	99.0	97.3	-3.8	-1.7	-2.4	-4.2	-0.8	-9.6	8.8	-14.6	3.7	4.9	4.6	4.4	80	91	90	85	SW 2	WSW 3	W 1	2.0
29	102.0	103.2	105.8	103.7	-8.8	-2.2	-7.8	-7.4	-1.8	-11.4	9.6	-20.5	2.8	3.9	3.1	3.3	89	75	90	86	W 1	SW 2	C 0	1.0
30	101.2	94.1	90.3	95.2	-7.4	-1.4	0.6	-4.8	0.7	-12.9	13.6	-20.6	3.2	4.6	5.6	4.5	91	84	88	88	SSW 1	SW 2	WNW 3	2.0
31	95.8	98.7	102.8	99.1	-8.6	-5.1	-6.8	-6.0	0.7	-9.4	10.1	-12.4	2.2	2.3	2.2	2.2	68	56	60	63	C 0	W 5	WNW 3	2.7
M	104.1	104.2	104.6	104.3	-1.3	2.7	-0.2	-0.4	3.5	-3.5	7.0	-7.2	5.3	6.0	5.5	5.6	89	78	87	86	1.0	1.5	1.3	1.2

Meteorological elements February 1998

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	112.4	112.1	111.5	-11.4	-5.6	-11.7	-10.1	-5.0	-12.4	7.4	-21.1	2.1	2.5	2.2	2.3	83	61	86	78	W 1	WNW 3	C 0	1.3
2	105.3	100.5	95.6	100.5	-13.4	-6.8	-6.6	-10.3	-5.8	-15.5	9.7	-22.3	1.9	2.0	2.3	2.1	88	55	63	74	S 1	C 0	S 1	0.7
3	89.3	88.3	88.7	88.8	-5.8	-4.5	-2.8	-5.2	-2.0	-10.0	8.0	-17.4	3.7	3.9	4.5	4.0	92	89	91	91	S 2	SW 1	SSW 1	1.3
4	99.9	102.0	102.9	101.6	-3.2	0.1	-2.0	-2.1	1.0	-4.1	5.1	-9.9	4.1	4.8	4.2	4.4	85	79	79	82	W 1	WSW 1	WSW 1	1.0
5	101.9	103.1	103.7	102.9	-3.2	0.5	0.0	-1.8	1.6	-5.5	7.1	-15.0	3.3	4.3	5.2	4.3	69	68	86	73	WSW 1	WSW 2	WSW 1	1.3
6	103.8	106.2	108.3	106.1	1.5	2.1	1.7	1.3	2.5	-0.6	3.1	-2.4	6.3	6.7	6.7	6.6	93	95	97	94	W 3	W 3	SW 2	2.7
7	112.0	110.1	107.0	109.7	1.5	2.5	2.0	1.7	2.8	0.6	2.2	-0.4	6.5	6.7	6.6	6.6	95	92	93	94	C 0	C 0	SW 1	0.3
8	104.7	106.7	110.7	107.4	-1.0	1.3	2.1	0.2	2.3	-2.6	4.9	-6.9	5.2	6.2	6.5	6.0	92	93	92	92	S 1	SW 2	SW 2	1.7
9	113.6	112.6	112.0	112.7	1.2	4.6	2.9	2.3	4.6	0.6	4.0	-0.6	5.6	5.3	7.4	6.1	85	62	98	82	C 0	W 1	SW 2	1.0
10	111.2	110.4	111.9	111.2	1.8	9.0	6.3	4.7	9.3	1.3	8.0	-1.2	5.5	5.5	6.9	6.0	78	48	73	69	W 1	WNW 2	SW 4	2.3
11	114.0	113.7	109.0	112.2	5.3	6.9	4.8	5.4	7.0	4.6	2.4	-0.9	7.0	7.7	7.3	7.3	79	77	85	80	W 3	C 0	SW 1	1.3
12	101.0	100.6	100.6	100.7	6.6	7.6	9.0	7.1	9.1	3.7	5.4	0.0	9.3	10.3	10.9	10.2	96	99	95	96	W 5	W 4	W 5	4.7
13	102.8	108.5	115.0	108.8	7.6	6.3	2.7	5.4	9.1	2.1	7.0	-1.5	10.2	6.8	5.9	7.6	97	71	79	86	WNW 5	WNW 3	NW 3	3.7
14	117.0	112.6	106.2	111.9	-4.0	2.7	8.4	2.0	8.4	-4.8	13.2	-7.8	4.0	6.7	10.6	7.1	89	90	96	91	C 0	S 1	WNW 4	1.7
15	105.9	106.3	106.7	106.3	8.6	8.8	7.4	8.5	10.5	7.4	3.1	5.0	9.9	10.9	10.2	10.3	89	96	99	93	C 0	C 0	C 0	0.0
16	102.1	95.3	89.7	95.7	9.2	11.8	10.7	9.8	12.9	6.5	6.4	5.1	11.2	8.8	9.0	9.7	96	64	70	82	W 2	WSW 2	W 4	2.7
17	100.9	109.0	114.4	108.1	-0.4	2.9	1.3	2.6	10.6	-1.0	11.6	-3.5	4.8	4.5	4.3	4.5	82	60	65	72	WNW 3	NW 3	NW 3	3.0
18	117.0	114.5	113.9	115.1	-0.9	2.1	5.1	1.7	5.3	-2.7	8.0	-7.0	5.1	6.7	8.4	6.7	89	95	96	92	SSW 1	W 1	W 3	1.7
19	110.2	107.8	107.0	108.3	6.3	7.0	6.8	6.4	7.7	4.8	2.9	3.4	8.1	8.5	9.5	8.7	85	85	96	88	W 1	W 2	C 0	1.0
20	113.5	115.2	115.6	114.8	5.1	6.1	5.1	5.0	6.8	4.0	2.8	-0.1	6.9	7.1	7.4	7.1	78	75	84	79	W 1	WSW 3	SW 3	2.3
21	111.6	109.2	107.1	109.3	0.0	12.7	7.5	5.1	13.7	-0.7	14.4	-4.9	5.5	7.8	7.0	6.8	91	53	68	76	S 1	S 2	C 0	1.0
22	104.9	105.7	107.8	106.1	2.1	13.6	7.2	6.8	13.6	1.5	12.1	-2.5	6.2	8.5	8.7	7.8	87	54	85	78	C 0	W 1	C 0	0.3
23	113.3	114.3	113.7	113.8	0.1	10.8	4.1	3.8	11.3	-0.5	11.8	-4.0	5.7	7.6	6.9	6.7	93	58	85	82	C 0	WSW 1	S 1	0.7
24	109.7	109.5	110.9	110.0	4.6	6.3	7.4	5.5	7.4	2.5	4.9	-3.3	7.0	8.7	9.9	8.5	82	92	96	88	W 2	SW 2	W 2	2.0
25	119.8	121.4	119.9	120.4	-1.8	5.3	3.0	1.5	7.4	-2.6	10.0	-7.0	4.9	3.9	5.1	4.6	92	44	67	74	WNW 1	WNW 3	C 0	1.3
26	116.5	114.6	113.4	114.8	6.7	8.6	6.5	6.1	8.9	2.4	6.5	-0.8	9.0	9.7	6.4	8.4	92	87	66	84	W 2	C 0	SW 1	1.0
27	106.9	102.4	98.6	102.6	6.3	11.2	10.2	8.4	11.5	5.4	6.1	3.7	7.3	9.2	8.0	8.2	77	70	64	72	SW 2	SW 4	SW 4	3.3
28	91.4	87.8	88.5	89.2	8.4	11.0	4.8	7.1	11.0	4.3	6.7	2.5	6.7	6.3	7.1	6.7	60	48	82	62	SW 5	SW 6	SW 5	6.3
M	107.5	107.2	106.8	107.2	1.4	5.2	3.7	2.8	6.6	-0.4	7.0	-4.3	6.2	6.7	7.0	6.6	86	74	83	82	1.6	1.9	1.9	1.8

Meteorological elements March 1998

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	96.6	98.9	99.3	98.3	2.3	3.4	0.1	1.8	5.1	-0.3	5.4	-4.9	5.3	5.5	4.7	5.2	74	71	77	74	C 0	WSW 2	C 0	0.7
2	101.9	101.4	95.6	99.6	-0.9	4.9	3.7	1.7	5.5	-1.5	7.0	-5.9	4.2	3.7	7.1	5.0	74	43	89	70	W 3	W 4	W 4	3.7
3	100.4	99.8	96.2	98.8	3.8	7.1	7.2	5.4	7.7	3.0	4.7	-0.4	6.4	8.7	8.7	7.9	80	87	85	83	W 4	WSW 2	WSW 2	2.7
4	88.6	90.3	87.2	88.7	10.8	14.6	15.1	12.1	16.6	5.9	10.7	4.6	10.5	10.6	8.6	9.9	81	64	50	69	WSW 4	WSW 4	WSW 5	4.3
5	87.3	89.7	91.3	89.4	7.2	6.3	3.7	7.5	16.0	3.1	12.9	2.1	9.3	8.1	7.2	8.2	92	85	91	90	W 3	W 2	SSW 1	2.0
6	100.9	100.4	100.0	100.4	-1.2	3.3	-0.4	0.4	5.1	-1.8	6.9	-6.4	5.3	5.2	5.5	5.3	95	68	93	88	WNW 2	SSW 2	SE 1	1.7
7	98.3	93.9	88.1	93.4	-2.0	1.9	5.3	1.2	5.3	-3.6	8.9	-10.9	4.9	6.4	8.5	6.6	92	92	96	93	C 0	S 2	S 2	1.3
8	86.0	85.6	85.9	85.8	7.4	9.9	6.1	7.1	10.0	4.9	5.1	4.0	8.9	9.3	9.0	9.1	87	76	96	86	SW 2	SW 3	NW 1	2.0
9	92.8	98.1	105.0	98.6	0.8	3.3	-1.2	1.1	6.2	-1.5	7.7	-4.4	5.1	4.7	4.0	4.6	79	60	71	72	NW 3	NW 3	W 1	2.3
10	110.7	112.5	114.0	112.4	-2.8	0.8	-1.3	-1.8	2.1	-5.1	7.2	-8.9	3.9	3.0	4.3	3.7	79	46	78	70	WNW 3	N 3	N 1	2.3
11	112.8	111.1	109.3	111.1	-7.6	0.9	-3.2	-4.6	1.7	-9.5	11.2	-12.8	3.2	2.9	2.5	2.9	93	44	52	70	C 0	N 3	C 0	1.0
12	107.1	105.3	105.0	105.8	-10.4	0.3	-4.3	-6.2	1.4	-11.6	13.0	-14.9	2.5	1.6	1.9	2.0	90	26	44	62	C 0	WNW 2	W 1	1.0
13	104.2	103.8	102.0	103.3	-8.9	2.6	-0.6	-3.9	3.9	-10.2	14.1	-13.8	2.8	1.8	5.0	3.2	89	25	85	72	C 0	W 3	W 1	1.3
14	89.8	93.6	96.4	93.3	-0.1	1.5	0.2	0.2	1.8	-1.2	3.0	-3.2	5.5	4.7	5.1	5.1	91	69	83	84	NW 5	W 5	NW 7	5.7
15	106.8	109.1	111.3	109.1	-4.0	0.9	-2.4	-2.4	1.8	-5.0	6.8	-8.4	3.2	3.2	3.3	3.2	71	50	65	64	NW 3	NNW 3	NNW 2	2.7
16	113.1	111.8	111.8	112.2	-8.8	0.7	-3.5	-5.6	1.2	-11.4	12.6	-16.5	3.0	3.1	3.2	3.1	95	49	67	76	NNW 1	NNW 2	C 0	1.0
17	112.5	111.0	113.6	112.4	-8.0	2.0	-1.7	-4.3	3.6	-11.1	14.7	-14.6	2.9	4.0	3.9	3.6	87	56	72	76	C 0	NW 1	C 0	0.3
18	114.4	112.0	110.2	112.2	-5.4	6.8	5.1	-0.3	7.0	-7.8	14.8	-10.9	3.8	5.8	7.9	5.8	93	59	90	84	C 0	SW 1	C 0	0.3
19	109.3	110.2	112.4	110.6	2.4	4.3	1.7	2.7	6.2	0.5	5.7	-3.5	6.0	5.0	5.1	5.4	82	60	73	74	W 2	NW 4	WSW 1	2.3
20	101.1	104.1	106.6	103.9	0.5	3.5	-1.6	0.4	5.1	-2.3	7.4	-6.3	5.2	3.6	4.2	4.3	83	46	77	72	NW 3	NW 3	NW 1	2.3
21	109.2	109.9	111.6	110.2	-1.2	1.7	-0.5	-0.6	2.3	-3.0	5.3	-6.3	4.6	4.8	5.3	4.9	83	70	91	82	NW 1	WNW 1	C 0	0.7
22	116.5	118.2	121.4	118.7	-4.6	3.1	-0.8	-2.3	4.6	-8.4	13.0	-13.0	3.8	3.0	3.8	3.5	87	39	66	70	N 1	N 2	N 1	1.3
23	124.9	123.6	121.4	123.3	-2.5	6.1	1.1	0.1	6.4	-4.7	11.1	-8.0	3.9	2.8	2.9	3.2	76	29	43	56	N 1	N 3	N 1	1.7
24	117.3	116.3	117.7	117.1	-1.3	4.1	-0.2	0.3	5.6	-2.9	8.5	-7.3	3.4	3.6	4.0	3.7	62	43	66	58	NNW 2	NNW 3	NNW 1	2.0
25	119.0	117.9	117.9	118.3	-3.2	6.8	0.5	-0.3	7.9	-6.5	14.4	-10.9	4.2	3.1	3.8	3.7	87	31	60	66	NNW 1	NNW 2	NNW 1	1.3
26	117.8	117.0	115.1	116.6	-3.5	6.5	1.7	0.2	8.8	-6.4	15.2	-11.0	4.1	3.4	4.1	3.9	86	35	59	66	C 0	C 0	ESE 1	0.3
27	112.9	109.5	106.7	109.7	-0.7	8.6	6.5	2.2	9.1	-5.9	15.0	-11.0	4.1	4.5	4.7	4.4	70	40	49	57	ESE 1	S 3	S 1	1.7
28	104.6	105.9	106.7	105.7	4.6	9.0	6.9	6.4	10.7	3.5	7.2	1.9	8.1	6.9	7.2	7.4	96	60	72	81	C 0	NW 2	C 0	0.7
29	111.5	111.7	112.0	111.7	1.5	7.5	3.1	2.8	8.9	-2.5	11.4	-6.6	6.5	6.6	5.7	6.3	95	64	75	82	C 0	WNW 1	SSE 2	1.0
30	114.3	113.7	111.6	113.2	-0.8	11.5	5.2	2.9	11.8	-4.6	16.4	-8.9	5.3	5.2	5.2	5.2	92	38	59	70	C 0	S 2	C 0	0.7
31	107.5	102.8	99.5	103.3	2.3	17.9	12.2	7.7	18.1	-1.7	19.8	-6.9	5.3	5.8	7.1	6.1	74	28	50	56	S 1	WSW 3	S 1	1.7
M	106.1	106.1	105.9	106.0	-1.1	5.2	2.1	1.0	6.7	-3.5	10.2	-7.2	5.0	4.9	5.3	5.0	84	53	72	73		1.5	2.5	1.3	1.7

Meteorological elements April 1998

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	97.4	96.8	96.3	96.8	10.8	13.2	11.0	11.6	14.9	9.8	5.1	3.9	10.7	10.2	8.5	9.8	83	67	65	74	C 0	W 2	C 0	0.7
2	95.7	96.6	95.4	95.9	6.5	6.8	5.8	7.3	11.4	5.4	6.0	3.3	9.1	9.2	8.7	9.0	94	93	94	94	NNE 1	N 1	N 1	1.0
3	96.3	98.3	95.5	96.7	2.7	4.5	4.5	3.7	5.6	2.1	3.5	1.5	7.1	7.7	7.8	7.5	95	91	93	94	E 1	NNE 2	NE 1	1.3
4	89.5	87.3	89.5	88.8	8.6	20.1	15.9	12.3	20.5	4.1	16.4	2.0	10.6	11.4	11.8	11.3	95	49	65	76	C 0	SSW 1	W 1	0.7
5	96.5	97.0	97.5	97.0	9.2	14.8	9.5	10.2	16.5	5.5	11.0	0.4	9.5	9.1	11.0	9.9	82	54	93	78	S 1	SE 2	SE 1	1.3
6	96.9	96.0	94.2	95.7	6.5	15.2	9.6	9.1	16.0	4.3	11.7	-0.6	9.4	8.9	8.9	9.1	97	51	75	80	C 0	C 0	C 0	0.0
7	94.7	93.9	90.7	93.1	5.9	16.1	10.2	8.8	18.0	0.9	17.1	-3.4	9.0	6.8	8.0	7.9	97	37	64	74	C 0	C 0	C 0	0.0
8	83.5	84.3	86.1	84.6	9.1	11.6	8.0	9.1	11.8	7.5	4.3	4.0	10.8	9.1	9.5	9.8	94	67	88	86	C 0	SW 2	SW 2	1.3
9	89.4	91.9	92.6	91.3	5.5	5.7	4.8	5.6	7.8	4.1	3.7	3.1	8.2	6.8	6.8	7.3	91	75	80	84	W 1	C 0	C 0	0.3
10	97.0	97.4	95.8	96.7	4.2	9.9	6.9	6.0	10.9	2.1	8.8	-0.6	6.9	6.6	7.2	6.9	83	54	72	73	C 0	SE 1	NE 3	1.3
11	89.2	85.0	88.6	87.6	8.0	19.6	10.2	10.7	20.0	4.6	15.4	1.3	8.8	10.4	7.4	8.9	82	46	60	68	E 1	S 4	S 1	2.0
12	88.5	86.2	86.5	87.1	7.6	18.2	5.8	7.9	19.0	-0.8	19.8	-5.0	7.1	7.7	8.4	7.7	68	37	91	66	C 0	SSE 3	S 3	2.0
13	80.4	81.8	85.6	82.6	7.7	11.6	3.8	6.6	11.9	3.0	8.9	-1.0	9.4	9.5	7.8	8.9	89	70	97	86	C 0	NW 3	C 0	1.0
14	91.7	95.2	97.7	94.9	1.2	5.3	4.6	3.4	7.2	0.4	6.8	-0.9	6.3	7.2	7.1	6.9	95	81	84	89	W 1	SW 1	C 0	0.7
15	103.3	102.1	99.2	101.5	1.2	12.2	8.1	4.9	12.9	-2.5	15.4	-6.4	6.3	7.7	6.2	6.7	95	54	58	76	C 0	E 1	E 1	0.7
16	90.9	87.7	87.1	88.6	7.8	12.4	9.3	9.1	12.9	6.5	6.4	2.5	7.7	9.0	11.0	9.2	73	63	94	76	ESE 2	SE 2	ESE 1	1.7
17	85.0	85.2	84.4	84.9	8.5	13.0	11.4	10.3	14.4	7.0	7.4	5.1	10.5	10.1	11.2	10.6	95	67	83	85	C 0	S 1	S 1	0.7
18	84.2	84.6	85.2	84.7	11.7	18.1	14.0	12.8	19.0	6.5	12.5	2.5	10.4	9.7	11.7	10.6	75	47	73	68	S 1	SSE 1	E 1	1.0
19	87.5	89.6	92.2	89.8	8.7	10.8	10.1	10.3	14.2	8.1	6.1	5.5	11.0	11.7	11.8	11.5	97	91	95	95	C 0	C 0	C 0	0.0
20	96.6	99.7	101.5	99.3	7.5	7.9	7.6	8.0	10.2	6.9	3.3	6.3	10.1	10.5	10.2	10.3	97	99	97	98	WNW 2	NW 2	N 2	2.0
21	102.8	103.8	105.4	104.0	7.4	10.0	10.4	8.7	10.3	6.6	3.7	5.7	10.0	11.5	12.0	11.2	97	94	95	96	N 1	NNW 1	N 1	1.0
22	107.7	110.6	111.8	110.0	11.2	12.6	11.0	11.0	13.1	8.6	4.5	6.6	12.5	10.9	10.8	11.4	94	75	83	86	E 1	E 2	C 0	1.0
23	112.3	110.3	108.5	110.4	9.2	17.8	12.5	10.8	18.6	3.0	15.6	-1.8	10.0	9.1	9.4	9.5	86	45	65	70	C 0	S 1	C 0	0.3
24	107.8	105.7	104.5	106.0	10.9	19.4	14.4	11.9	20.3	2.1	18.2	-2.1	9.0	8.8	10.0	9.3	69	39	61	60	C 0	S 2	C 0	0.7
25	104.6	104.5	105.3	104.8	10.6	20.4	12.1	12.4	21.0	6.1	14.9	2.0	11.6	12.1	12.2	12.0	90	50	87	79	C 0	S 1	C 0	0.3
26	105.2	103.8	102.3	103.8	12.2	20.6	14.7	13.6	21.0	6.6	14.4	1.6	11.7	8.9	9.2	9.9	82	37	55	64	SSW 1	S 3	ESE 1	1.7
27	100.5	99.0	97.9	99.1	14.6	22.8	17.6	16.1	23.2	9.0	14.2	3.4	11.1	10.1	9.8	10.3	67	36	49	55	ESE 2	S 5	SSE 1	2.7
28	99.7	99.9	101.4	100.3	15.7	23.6	19.0	17.7	24.1	12.0	12.1	7.5	10.4	9.9	10.0	10.1	58	34	46	49	SE 2	SSE 5	E 1	2.3
29	101.4	101.1	101.3	101.3	13.9	23.0	17.6	16.3	23.5	10.3	13.2	6.5	9.6	11.7	10.3	10.5	60	42	51	53	ESE 2	SSE 4	SE 3	3.0
30	102.7	103.4	103.5	103.2	15.8	20.0	16.4	16.2	22.1	10.3	11.8	6.7	10.4	10.0	11.0	10.5	58	43	59	54	SE 4	SE 5	SE 2	3.7
M	96.0	96.0	96.1	96.0	8.7	14.6	10.6	10.1	15.7	5.3	10.4	2.0	9.5	9.4	9.5	9.5	85	60	76	76	0.8	1.9	0.9	1.2

Meteorological elements May 1998

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	103.3	102.6	101.5	102.5	14.6	21.5	17.0	15.8	22.2	9.2	13.0	3.5	11.4	12.6	11.7	11.9	69	49	61	62	SE 4	SE 3	SE 3	3.3
2	98.9	96.0	95.3	96.7	13.7	19.6	15.4	14.4	21.0	7.5	13.5	2.6	11.9	13.0	12.2	12.4	76	57	70	70	SSW 2	S 3	SSE 2	2.3
3	94.8	94.2	93.3	94.1	12.4	21.4	16.0	14.9	23.2	8.0	15.2	2.5	11.8	12.5	11.6	12.0	82	49	64	69	S 1	SSW 1	C 0	0.7
4	91.7	87.7	85.4	88.3	13.2	20.6	10.6	12.9	21.0	7.2	13.8	2.1	12.6	13.0	11.7	12.4	83	54	92	78	C 0	SSW 2	W 3	1.7
5	80.9	84.8	88.1	84.6	7.2	8.4	10.5	8.8	10.9	6.8	4.1	5.7	9.7	10.6	10.0	10.1	96	96	79	92	W 4	SW 5	SW 4	4.3
6	94.3	95.8	97.1	95.7	9.4	14.4	11.7	10.6	15.6	5.8	9.8	1.6	10.2	10.6	12.8	11.2	86	65	93	82	W 3	SW 4	SW 2	3.0
7	102.5	105.9	109.3	105.9	12.9	16.6	14.4	13.8	19.0	8.9	10.1	5.5	12.0	11.3	12.9	12.1	80	60	78	74	SW 3	SW 3	C 0	2.0
8	115.5	115.1	114.2	114.9	13.7	21.9	16.8	14.7	22.6	5.7	16.9	1.3	12.4	12.1	13.9	12.8	79	46	73	69	SW 3	SE 3	NE 1	2.3
9	115.4	115.2	113.7	114.8	17.3	26.2	19.4	17.8	26.4	7.9	18.5	3.5	14.4	12.1	13.5	13.3	73	35	60	60	NE 1	SSW 2	SE 1	1.3
10	114.2	113.2	111.0	112.8	18.4	26.1	19.6	18.5	26.5	9.6	16.9	5.5	15.2	13.7	16.4	15.1	72	40	72	64	ESE 3	SE 1	E 1	2.0
11	110.8	109.8	107.5	109.4	19.8	28.3	21.2	19.9	28.4	10.1	18.3	6.0	15.0	13.3	14.4	14.2	65	35	57	56	E 1	S 3	E 1	1.7
12	107.3	106.6	106.8	106.9	19.2	27.8	17.1	18.8	28.4	10.7	17.7	5.8	14.9	11.5	18.3	14.9	67	31	94	65	SE 2	SW 2	NE 2	2.0
13	114.7	114.7	113.3	114.2	10.7	18.6	14.4	12.9	19.0	7.5	11.5	4.7	8.6	8.2	8.2	8.3	67	38	50	56	NE 3	E 2	NE 2	2.3
14	114.8	112.2	109.6	112.2	11.2	17.6	13.8	11.6	18.0	3.3	14.7	-1.5	8.4	8.1	7.9	8.1	63	40	50	54	NNW 3	WNW 3	N 3	3.0
15	107.2	106.4	105.6	106.4	9.1	15.6	12.7	11.4	16.5	7.4	9.1	6.0	8.0	7.1	9.4	8.2	70	40	64	61	NNW 3	N 4	E 2	3.0
16	106.7	108.7	108.6	108.0	9.8	14.5	11.0	11.1	15.0	8.5	6.5	5.9	9.3	9.0	8.8	9.0	77	55	67	69	NE 2	E 3	NE 1	2.0
17	110.8	111.7	111.3	111.3	12.8	18.4	15.7	13.8	20.5	6.1	14.4	2.1	10.8	9.6	11.3	10.6	73	45	63	64	E 2	E 3	C 0	1.7
18	112.8	112.1	109.6	111.5	15.7	21.2	18.4	15.8	22.5	6.5	16.0	1.4	12.3	10.5	11.8	11.5	69	42	56	59	NW 3	NNE 3	ENE 3	3.0
19	108.3	105.7	103.9	106.0	17.3	24.0	18.4	17.2	24.0	9.1	14.9	3.7	12.2	10.3	13.5	12.0	62	35	64	56	ENE 3	N 4	N 1	2.7
20	103.3	101.9	101.7	102.3	16.6	20.0	15.6	15.5	21.0	8.9	12.1	4.1	11.7	11.7	10.1	11.2	62	50	57	58	N 3	WNW 5	NW 1	3.0
21	102.0	99.7	97.4	99.7	11.9	17.2	12.9	12.3	18.0	6.4	11.6	1.4	9.9	7.2	9.5	8.9	71	37	64	61	WNW 3	WNW 3	W 3	3.0
22	95.2	95.6	97.3	96.0	9.0	7.4	7.8	9.1	12.9	6.7	6.2	6.0	9.9	9.3	8.8	9.3	86	91	83	86	NW 3	NNW 2	NNW 2	2.3
23	97.9	98.4	99.4	98.6	6.5	10.0	8.0	6.8	10.3	2.5	7.8	-0.5	7.4	7.3	6.5	7.1	77	59	61	68	NNW 2	NW 4	NNW 1	2.3
24	97.2	95.8	95.9	96.3	8.4	9.9	9.8	7.3	10.9	0.2	10.7	-3.4	8.2	10.4	11.4	10.0	75	85	94	82	W 1	W 3	NW 2	2.0
25	97.1	96.7	94.9	96.2	11.1	16.8	12.8	12.4	18.1	7.6	10.5	5.3	11.8	11.9	12.4	12.0	90	62	84	82	SW 2	SSE 3	C 0	1.7
26	95.5	95.7	96.3	95.8	12.5	16.8	14.5	13.4	20.5	5.9	14.6	1.9	12.2	12.5	12.5	12.4	85	65	76	78	C 0	N 1	WNW 2	1.0
27	99.6	100.6	100.6	100.3	15.4	24.1	18.6	16.1	24.2	6.1	18.1	2.9	13.5	12.4	13.7	13.2	77	41	64	65	W 1	SW 2	C 0	1.0
28	103.9	103.6	103.1	103.5	17.7	27.6	20.4	18.6	27.6	8.5	19.1	4.9	14.6	13.0	14.4	14.0	72	35	60	60	SSE 2	S 3	NE 1	2.0
29	104.5	103.4	102.1	103.3	20.7	27.4	23.4	20.6	27.5	10.8	16.7	6.0	14.4	13.1	15.9	14.5	59	36	55	52	S 2	S 3	S 1	2.0
30	102.3	101.0	99.9	101.1	21.8	28.2	22.0	20.6	28.4	10.0	18.4	8.0	14.7	15.0	14.2	14.6	56	39	54	51	SE 2	SSE 2	C 0	1.3
31	100.8	100.9	98.5	100.1	21.2	29.5	24.6	21.4	29.5	10.5	19.0	6.3	15.5	12.9	16.3	14.9	62	31	53	52	C 0	S 3	C 0	1.0
M	103.4	103.0	102.3	102.9	13.9	19.9	15.6	14.5	21.0	7.4	13.6	3.6	11.8	11.2	12.1	11.7	74	50	68	66	2.2	2.8	1.5	2.2

Meteorological elements June 1998

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	99.5	98.3	97.7	98.5	20.0	24.8	19.6	19.9	27.2	12.8	14.4	7.7	16.0	17.3	14.6	16.0	68	55	64	64	S	2	SW	3	W	1	2.0
2	101.3	102.4	103.6	102.4	17.8	23.6	20.4	19.2	24.5	14.0	10.5	11.0	16.9	15.8	16.8	16.5	83	54	70	72	NNW	2	W	2	W	1	1.7
3	104.8	104.4	103.7	104.3	19.0	27.2	23.0	20.1	27.5	11.0	16.5	7.4	17.0	14.9	17.8	16.6	78	41	63	65	SE	1	W	2	SSE	1	1.3
4	107.1	109.0	106.3	107.5	20.6	25.9	22.2	20.9	27.0	13.9	13.1	10.0	18.6	18.0	16.7	17.8	77	54	63	68	C	0	SSW	3	C	0	1.0
5	110.3	109.7	109.5	109.8	19.1	27.8	23.2	20.2	28.4	10.2	18.2	6.6	16.6	13.1	15.7	15.1	75	35	55	60	N	1	WSW	1	C	0	0.7
6	109.7	107.4	105.4	107.5	22.2	30.3	26.4	23.0	30.3	13.0	17.3	9.0	14.8	13.9	16.6	15.1	55	32	48	48	SW	2	S	4	SE	2	2.7
7	104.0	101.2	100.0	101.7	23.7	32.6	29.9	25.6	32.9	16.1	16.8	10.2	17.9	19.5	21.2	19.5	61	40	50	53	S	2	S	3	S	1	2.0
8	100.8	101.9	104.5	102.4	24.8	31.1	24.2	25.4	31.9	20.7	11.2	17.5	22.4	20.8	20.7	21.3	72	46	68	64	SW	2	NW	2	NW	1	1.7
9	105.6	103.3	101.2	103.4	20.0	26.7	25.4	22.4	27.0	17.1	9.9	15.2	17.5	18.9	20.3	18.9	75	54	63	67	N	1	NNW	2	C	0	1.0
10	98.4	95.9	93.7	96.0	20.8	28.8	24.2	22.5	29.0	16.0	13.0	14.4	21.8	21.9	21.8	21.8	89	55	72	76	S	1	SE	2	S	1	1.3
11	90.7	89.2	89.7	89.9	23.2	28.5	19.1	22.8	30.4	18.6	11.8	17.2	20.9	19.9	21.5	20.8	74	51	97	74	S	2	S	2	S	1	1.7
12	89.3	91.3	92.1	90.9	15.6	22.0	19.0	18.2	23.5	14.6	8.9	14.5	17.5	19.3	18.2	18.3	99	73	83	88	NE	1	SSW	2	W	1	1.3
13	95.2	98.5	101.2	98.3	13.7	14.6	11.7	14.2	19.0	12.5	6.5	12.0	15.5	16.1	13.1	14.9	99	97	95	98	N	1	NNW	1	N	1	1.0
14	101.5	100.2	96.8	99.5	11.4	13.8	13.1	12.2	13.7	10.5	3.2	10.1	12.8	14.9	14.9	14.2	95	95	99	96	NNW	2	N	2	N	3	2.3
15	92.5	93.5	94.5	93.5	10.7	9.9	10.5	11.0	13.3	9.6	3.7	9.5	12.6	11.6	12.4	12.2	98	95	98	97	W	2	WNW	3	W	3	2.7
16	97.2	98.1	100.2	98.5	13.3	18.9	16.4	14.6	19.3	9.3	10.0	8.2	12.6	14.2	13.1	13.3	83	65	70	75	WSW	1	WSW	3	SW	2	2.0
17	105.3	107.2	106.4	106.3	16.2	17.6	16.8	16.2	21.5	10.5	11.0	8.0	13.3	14.0	13.2	13.5	72	70	69	71	W	2	W	2	C	0	1.3
18	109.0	108.5	108.4	108.6	15.3	20.6	17.3	15.9	21.2	9.7	11.5	6.9	13.2	11.6	9.1	11.3	76	48	46	62	C	0	NW	3	NNW	3	2.0
19	108.5	106.9	106.7	107.4	14.9	19.6	17.6	15.3	20.4	8.2	12.2	4.9	10.6	9.0	9.7	9.8	63	39	48	53	N	2	N	5	N	2	3.0
20	105.6	106.8	107.4	106.6	13.8	20.8	16.8	14.8	21.0	7.5	13.5	4.0	12.6	12.2	9.6	11.5	80	50	50	65	C	0	W	4	C	0	1.3
21	106.8	105.8	103.9	105.5	14.5	17.8	19.2	15.0	21.0	5.4	15.6	1.9	11.0	11.8	11.9	11.6	67	58	53	61	W	4	NW	3	NW	2	3.0
22	101.2	100.1	99.0	100.1	15.1	20.4	15.2	14.9	21.0	8.3	12.7	3.9	12.2	13.1	15.5	13.6	71	55	90	72	NNW	2	W	2	C	0	1.3
23	100.4	100.9	101.3	100.9	13.3	17.9	15.2	15.3	20.0	12.8	7.2	12.4	14.6	13.8	12.3	13.6	96	67	71	82	WNW	2	NW	4	W	1	2.3
24	101.0	101.1	101.0	101.0	12.0	17.2	14.4	14.2	19.5	11.0	8.5	10.1	12.9	12.9	13.8	13.2	92	66	84	84	W	2	W	6	N	1	3.0
25	103.0	103.2	102.8	103.0	12.8	18.8	17.2	14.8	19.2	10.0	9.2	7.4	11.3	11.8	12.6	11.9	76	54	64	68	WNW	1	WNW	2	NE	1	1.3
26	103.8	104.3	103.9	104.0	18.1	24.4	21.0	19.2	24.7	13.0	11.7	11.4	14.0	16.4	16.0	15.5	68	54	64	64	S	1	SSE	5	C	0	2.0
27	103.1	103.3	101.9	102.8	18.2	18.9	18.0	18.1	21.0	15.1	5.9	11.9	19.5	20.2	20.0	19.9	93	93	97	94	SE	1	C	0	C	0	0.3
28	101.5	99.6	101.0	100.7	17.7	25.2	19.0	19.7	25.9	16.1	9.8	15.1	19.5	21.3	20.9	20.6	96	66	95	88	S	1	S	3	C	0	1.3
29	105.7	105.9	104.9	105.5	17.8	22.2	18.9	18.4	23.5	13.4	10.1	11.0	18.1	14.4	14.5	15.7	89	54	67	75	WNW	1	W	2	C	0	1.0
30	103.5	101.7	98.3	101.2	16.0	19.6	20.4	17.7	23.5	11.0	12.5	8.2	15.8	19.9	19.4	18.4	87	87	81	86	C	0	C	0	C	0	0.0
M	102.2	102.0	101.6	101.9	17.0	22.2	19.2	18.1	23.6	12.4	11.2	9.9	15.7	15.8	15.8	15.7	80	60	71	73		1.4		2.6		1.0	1.5

Meteorological elements July 1998

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	97.7	98.7	96.3	97.6	16.9	20.6	14.5	16.8	21.6	14.4	7.2	12.5	16.3	14.4	15.8	15.5	85	60	96	82	WNW 2	SSW 3	C 0	1.7
2	95.1	95.3	97.0	95.8	15.6	19.6	16.1	15.9	20.9	12.0	8.9	9.4	15.7	13.5	14.0	14.4	89	59	77	78	NW 3	NW 3	NW 1	2.3
3	99.8	98.5	96.8	98.4	13.9	21.4	19.3	16.7	22.9	10.6	12.3	7.1	14.2	13.7	13.2	13.7	89	54	59	73	W 1	WNW 4	NW 2	2.3
4	96.2	96.3	96.1	96.2	14.2	13.9	14.8	15.0	19.5	11.5	8.0	7.5	13.0	15.2	15.6	14.6	80	96	93	87	WNW 3	WNW 3	W 2	2.7
5	93.9	93.1	92.9	93.3	13.9	16.4	14.4	14.7	17.0	13.4	3.6	13.0	15.2	15.9	15.4	15.5	96	85	94	93	W 1	WNW 3	W 2	2.0
6	91.0	91.3	90.8	91.0	14.4	18.8	16.4	15.9	19.7	13.2	6.5	12.7	15.7	15.0	14.1	14.9	96	69	76	84	W 1	W 4	WSW 1	2.0
7	91.3	92.0	90.9	91.4	14.3	16.0	13.9	14.4	17.9	11.3	6.6	8.6	11.5	12.2	10.7	11.5	70	67	67	68	WSW 1	W 2	WSW 1	1.3
8	90.6	90.5	91.1	90.7	12.9	17.4	14.0	13.3	18.2	8.3	9.9	5.5	12.8	11.4	13.1	12.4	86	58	82	78	NW 1	W 3	C 0	1.3
9	92.7	92.6	93.3	92.9	13.6	18.1	16.6	14.9	18.7	10.7	8.0	9.1	12.4	14.9	12.8	13.4	80	72	68	75	WNW 2	NW 2	NNW 3	2.3
10	94.2	93.7	95.1	94.3	14.9	19.6	14.8	15.0	20.0	10.2	9.8	7.7	13.2	14.4	13.6	13.7	78	63	81	75	NNW 1	W 2	NW 3	2.0
11	93.7	91.8	90.2	91.9	13.0	19.9	19.2	16.0	22.2	9.5	12.7	6.8	11.3	11.6	14.7	12.5	75	50	66	66	NW 4	W 3	W 2	3.0
12	92.8	93.0	93.9	93.2	14.7	19.9	16.8	16.3	20.5	13.1	7.4	10.6	12.2	9.2	11.7	11.0	73	40	61	62	W 4	NW 5	W 1	3.3
13	94.9	94.5	93.2	94.2	14.8	22.6	21.8	17.5	24.1	9.2	14.9	5.0	16.3	19.3	22.6	19.4	97	70	86	88	S 1	W 2	C 0	1.0
14	94.2	97.6	98.5	96.8	16.4	19.9	17.3	17.4	21.6	14.5	7.1	10.6	17.7	14.7	15.6	16.0	95	63	79	83	W 2	W 2	C 0	1.3
15	100.2	101.1	102.0	101.1	16.2	21.9	17.6	16.3	22.0	9.6	12.4	6.0	13.1	12.8	13.7	13.2	71	49	68	65	W 1	W 2	C 0	1.0
16	102.7	101.2	100.4	101.4	16.9	22.4	16.4	16.4	23.4	8.7	14.7	4.9	13.5	13.4	17.2	14.7	70	49	92	70	SW 1	WSW 1	C 0	0.7
17	100.2	99.8	100.1	100.0	16.6	23.0	19.4	18.0	23.8	12.3	11.5	9.1	16.5	13.0	13.1	14.2	87	46	58	70	C 0	N 3	N 2	1.7
18	100.1	98.6	98.6	99.1	16.8	24.8	20.4	17.8	25.5	8.5	17.0	5.4	14.6	14.6	20.4	16.5	76	46	85	71	WNW 1	W 2	C 0	1.0
19	101.3	103.1	104.4	102.9	18.8	22.8	20.4	19.3	25.0	13.0	12.0	9.5	17.5	15.2	14.2	15.6	81	55	59	69	W 2	WSW 2	C 0	1.3
20	106.8	106.2	104.9	106.0	18.8	27.2	23.0	20.0	28.4	9.9	18.5	6.0	14.6	15.3	16.2	15.4	67	42	58	58	C 0	W 4	C 0	1.3
21	105.1	103.7	102.6	103.8	22.8	34.2	28.8	24.9	35.0	13.1	21.9	9.1	20.0	23.0	22.9	22.0	72	43	58	61	S 2	SW 3	S 1	2.0
22	104.6	104.4	105.5	104.8	24.6	34.4	28.5	26.8	34.8	19.4	15.4	15.3	22.1	20.9	22.8	21.9	72	38	59	60	SSW 2	W 4	NE 3	3.0
23	106.7	105.9	104.1	105.6	18.8	25.1	23.2	22.2	28.2	18.6	9.6	18.2	20.7	23.1	24.0	22.6	95	73	84	87	SW 1	W 1	C 0	0.7
24	102.6	103.9	105.4	104.0	18.4	24.8	20.8	20.5	25.0	17.7	7.3	17.1	20.6	21.8	19.7	20.7	97	70	80	86	C 0	NW 2	C 0	0.7
25	107.1	106.0	106.9	106.7	19.0	24.6	17.6	19.2	25.6	14.7	10.9	12.1	15.2	15.9	18.6	16.6	69	51	92	70	ESE 2	WSW 2	NW 2	2.0
26	108.3	107.3	105.8	107.1	16.4	23.6	19.0	18.4	24.8	13.4	11.4	12.0	17.2	12.4	15.5	15.0	92	42	71	74	NE 1	E 1	NE 1	1.0
27	105.4	102.9	99.6	102.6	19.2	26.2	23.4	20.7	27.3	13.0	14.3	10.2	17.8	18.0	19.1	18.3	80	53	66	70	ESE 1	E 3	ESE 1	1.7
28	92.6	90.8	93.1	92.2	20.0	20.4	18.6	20.1	23.1	18.8	4.3	16.6	22.3	22.9	19.4	21.5	95	96	91	94	C 0	W 3	W 1	1.3
29	94.9	95.6	96.2	95.6	16.5	22.9	17.4	17.7	23.0	14.0	9.0	12.0	17.6	16.6	15.9	16.7	94	60	80	82	C 0	W 2	C 0	0.7
30	97.1	98.1	97.4	97.5	17.2	21.3	21.4	18.9	25.0	11.9	13.1	8.5	16.4	21.2	19.7	19.1	84	84	77	82	S 2	SSE 1	S 1	1.3
31	101.3	103.3	103.8	102.8	19.6	22.0	19.2	19.5	23.0	16.3	6.7	12.9	20.1	19.7	19.2	19.7	88	74	86	84	SSW 1	SW 1	C 0	0.7
M	98.6	98.4	98.3	98.4	16.8	22.1	18.9	18.0	23.5	12.7	10.7	10.0	16.0	16.0	16.6	16.2	83	61	76	76	1.4	2.5	1.0	1.6

Meteorological elements August 1998

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	107.5	107.4	106.1	107.0	17.0	26.0	21.8	19.2	27.0	11.0	16.0	7.5	18.2	13.5	19.0	16.9	94	40	73	75	C 0	C 0	C 0	0.0
2	105.6	105.5	106.1	105.7	21.5	26.7	23.8	22.3	28.2	15.6	12.6	11.9	19.4	25.0	25.4	23.3	76	71	86	77	E 3	E 1	C 0	1.3
3	106.2	106.5	107.1	106.6	23.7	30.1	23.8	24.6	30.4	20.7	9.7	17.7	25.2	26.8	23.6	25.2	86	63	80	79	SW 2	W 3	WNW 1	2.0
4	108.3	107.6	106.9	107.6	18.1	23.6	20.0	20.0	24.4	17.6	6.8	17.0	18.8	16.6	17.5	17.6	91	57	75	78	W 1	NW 2	C 0	1.0
5	108.9	109.6	109.3	109.3	18.4	21.8	16.9	18.6	22.6	16.7	5.9	14.0	16.3	13.3	13.3	14.3	77	51	69	68	WNW 2	W 3	W 1	2.0
6	110.5	110.9	111.2	110.9	16.1	19.8	17.2	17.0	20.0	14.5	5.5	11.6	14.4	13.6	16.1	14.7	79	59	82	75	W 2	WNW 3	C 0	1.7
7	109.0	106.9	107.3	107.7	14.8	22.8	19.4	17.3	23.4	11.7	11.7	8.0	15.8	17.5	18.3	17.2	94	63	81	83	S 2	W 2	W 1	1.7
8	106.4	106.3	104.2	105.6	18.0	23.6	20.3	19.6	24.5	15.6	8.9	13.2	18.9	15.6	16.1	16.9	91	53	68	76	W 2	W 3	C 0	1.7
9	98.3	102.2	101.0	100.5	20.4	19.8	15.8	18.0	22.5	13.5	9.0	10.0	17.2	11.3	11.4	13.3	72	49	64	64	NW 4	WNW 6	NNW 3	4.3
10	110.5	110.2	110.0	110.2	14.8	23.0	17.6	16.2	23.7	8.5	15.2	3.6	12.7	11.7	12.3	12.2	76	42	61	64	W 2	WNW 3	C 0	1.7
11	112.0	111.2	110.2	111.1	13.7	20.5	14.5	14.1	20.9	7.3	13.6	3.9	12.4	11.0	12.1	11.8	79	46	74	70	E 1	N 1	C 0	0.7
12	110.8	109.3	106.5	108.9	15.2	22.7	17.2	15.2	23.5	4.9	18.6	2.0	12.8	9.8	12.2	11.6	74	36	62	62	SE 2	SE 2	SE 1	1.7
13	101.6	100.3	99.7	100.5	15.5	27.6	20.0	18.5	27.6	10.8	16.8	6.0	11.8	18.3	22.1	17.4	67	50	95	70	ESE 2	SSW 2	NW 1	1.7
14	99.6	100.5	101.8	100.6	14.6	17.4	14.0	15.4	20.2	13.0	7.2	12.6	16.3	16.1	15.3	15.9	98	81	96	93	SW 1	NW 1	WNW 1	1.0
15	105.4	105.9	106.0	105.8	13.6	21.3	16.9	15.5	22.5	9.1	13.4	6.3	15.1	13.4	15.9	14.8	97	53	83	82	W 1	WNW 2	C 0	1.0
16	107.1	106.9	105.7	106.6	17.4	26.4	19.2	18.4	26.5	10.6	15.9	8.0	15.2	17.7	19.6	17.5	77	51	88	73	SE 1	SW 3	C 0	1.3
17	107.1	106.7	104.9	106.2	16.8	22.7	17.1	18.1	23.6	14.9	8.7	13.0	17.4	13.9	15.1	15.5	91	50	77	77	E 1	WNW 1	C 0	0.7
18	103.9	101.8	99.5	101.7	17.7	27.2	21.3	19.5	27.3	11.6	15.7	9.1	17.0	19.0	21.4	19.1	84	53	85	76	SE 2	S 3	S 1	2.0
19	103.1	103.9	104.6	103.9	17.1	21.4	15.8	17.2	22.4	13.5	8.9	10.0	15.1	15.0	12.9	14.3	77	59	72	72	WNW 2	SW 2	C 0	1.3
20	107.6	106.4	103.1	105.7	13.2	21.1	15.6	14.4	22.5	6.4	16.1	3.3	12.7	12.1	14.7	13.2	84	48	83	75	WSW 1	W 1	C 0	0.7
21	97.1	92.2	90.2	93.2	15.6	27.8	20.2	18.5	27.8	10.4	17.4	6.4	14.5	18.4	15.8	16.2	82	49	67	70	SE 2	SW 4	SW 4	3.3
22	87.5	89.4	91.0	89.3	16.0	16.2	12.5	15.4	20.4	12.5	7.9	10.1	16.9	14.1	13.2	14.7	93	77	91	88	WSW 1	WNW 2	SW 1	1.3
23	93.8	96.3	97.6	95.9	12.6	16.6	13.8	13.7	18.0	10.4	7.6	8.5	13.4	12.0	11.7	12.4	92	64	74	80	W 1	WSW 4	W 2	2.3
24	96.5	91.0	87.1	91.5	11.9	14.2	14.4	13.2	18.5	7.9	10.6	4.0	11.3	14.0	15.2	13.5	81	87	93	86	SSE 1	SSE 5	SW 3	3.0
25	94.9	97.6	100.0	97.5	12.4	15.8	11.5	13.0	17.0	11.2	5.8	9.6	11.2	12.2	12.3	11.9	78	68	91	79	W 3	W 3	NW 1	2.3
26	99.5	98.3	97.4	98.4	11.8	14.2	10.9	11.6	15.8	7.8	8.0	4.4	11.6	12.7	10.3	11.5	84	78	79	81	W 3	WSW 4	C 0	2.3
27	96.2	97.8	99.0	97.7	10.3	12.1	10.8	10.4	13.9	6.5	7.4	3.2	11.9	13.0	11.6	12.2	95	92	89	93	C 0	NW 3	C 0	1.0
28	99.6	99.5	99.9	99.6	8.4	14.8	12.1	10.0	15.8	3.6	12.2	0.5	10.6	11.5	11.3	11.1	96	68	80	85	C 0	W 2	SW 1	1.0
29	100.4	100.2	99.9	100.2	10.5	14.0	11.0	11.2	15.0	8.5	6.5	5.8	12.1	13.8	12.0	12.6	95	86	92	92	SSW 1	W 1	C 0	0.7
30	101.5	101.2	102.3	101.7	11.0	16.0	11.4	12.5	17.5	10.2	7.3	8.1	12.7	14.6	12.2	13.2	96	80	91	91	NW 1	NW 2	WSW 1	1.3
31	102.6	102.2	102.6	102.5	12.2	15.6	10.9	12.2	16.5	9.3	7.2	6.4	13.6	13.8	12.1	13.2	95	78	93	90	WSW 1	WSW 3	C 0	1.3
M	103.2	103.0	102.5	102.9	15.2	20.7	16.4	16.2	21.9	11.2	10.7	8.3	14.9	14.9	15.2	15.0	86	61	80	78	1.5	2.5	0.7	1.6

Meteorological elements September 1998

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	105.1	106.4	108.4	106.6	11.6	14.6	11.6	12.5	17.6	9.1	8.5	6.5	13.2	15.2	13.2	13.9	97	92	97	96	C	0	WNW	1	C	0	0.3
2	111.3	112.2	112.4	112.0	9.0	14.4	11.2	10.5	15.4	6.5	8.9	3.5	11.3	12.2	12.2	11.9	99	74	92	91	C	0	NNW	2	C	0	0.7
3	112.3	111.8	110.6	111.6	9.6	18.0	10.8	10.9	18.1	5.0	13.1	1.5	11.5	12.4	12.0	12.0	96	60	93	86	E	1	E	2	C	0	1.0
4	110.3	109.1	108.1	109.2	8.6	18.1	10.6	10.2	18.7	3.1	15.6	0.0	10.2	9.0	12.0	10.4	91	43	94	80	C	0	N	2	C	0	0.7
5	107.8	105.9	104.2	106.0	11.2	19.4	14.6	13.2	20.0	7.0	13.0	3.0	10.3	10.6	10.0	10.3	77	47	60	65	SE	1	SE	4	S	2	2.3
6	101.9	101.1	101.5	101.5	10.6	20.4	15.9	13.8	20.9	8.0	12.9	5.9	9.9	10.9	11.8	10.9	78	45	65	66	ESE	2	E	5	E	2	3.0
7	102.2	102.7	103.2	102.7	11.4	22.0	16.6	14.5	22.0	8.0	14.0	2.5	11.2	15.0	15.2	13.8	83	57	81	76	E	2	SE	4	C	0	2.0
8	104.2	104.0	104.4	104.2	12.7	22.6	17.2	15.4	22.6	9.3	13.3	6.0	12.1	14.4	13.9	13.5	82	52	71	72	S	2	S	2	S	1	1.7
9	105.2	105.3	103.8	104.8	12.2	23.6	18.2	15.8	23.5	9.2	14.3	5.1	11.4	15.8	13.1	13.4	80	54	63	69	S	1	S	2	S	1	1.3
10	102.8	101.2	100.1	101.4	14.2	25.8	19.8	17.9	26.1	11.6	14.5	8.0	14.6	15.6	16.1	15.4	90	47	70	74	S	1	SE	3	C	0	1.3
11	99.0	98.3	95.9	97.7	15.8	22.4	19.2	17.8	23.2	13.0	10.2	9.9	14.7	17.8	17.5	16.7	82	66	79	77	S	1	S	1	SE	1	1.0
12	90.5	87.8	84.3	87.5	17.6	24.2	21.4	20.0	24.3	16.5	7.8	15.0	15.4	16.7	15.9	16.0	77	55	63	68	S	1	S	2	SE	2	1.7
13	79.9	78.4	78 6	79.0	17.2	21.4	18.0	18.1	21.5	15.6	5.9	14.5	13.4	16.5	14.8	14.9	68	65	72	68	SE	1	SE	3	S	2	2.0
14	82.9	84.3	85.0	84.1	10.6	16.0	8.9	11.5	18.0	8.6	9.4	3.9	10.8	9.5	9.7	10.0	85	52	85	77	W	1	SW	3	C	0	1.3
15	83.4	85.0	86.3	84.9	7.8	13.6	11.0	9.2	14.9	3.0	11.9	-1.1	9.9	10.3	10.2	10.1	93	66	78	82	SW	1	WSW	2	SW	1	1.3
16	86.9	88.0	87.2	87.4	9.7	13.6	12.1	11.1	13.7	9.0	4.7	6.9	10.8	12.6	13.5	12.3	90	81	95	89	S	1	SSW	2	SW	1	1.3
17	93.3	95.1	97.4	95.3	10.3	16.4	10.8	11.4	16.7	7.9	8.8	4.4	11.9	10.8	11.0	11.2	95	58	85	83	S	1	S	1	C	0	0.7
18	103.7	106.5	110.0	106.7	7.0	18.8	9.6	10.0	18.8	4.6	14.2	1.9	9.9	11.5	11.4	10.9	99	53	95	86	C	0	WSW	1	NNE	1	0.7
19	115.1	116.2	117.5	116.3	5.9	18.4	11.4	9.9	19.0	3.4	15.6	1.5	9.3	12.4	12.1	11.3	100	59	90	87	C	0	NW	1	NW	1	0.7
20	121.2	120.8	120.4	120.8	7.8	16.6	10.4	10.2	18.0	4.5	13.5	1.0	10.3	13.3	12.1	11.9	97	71	96	90	NNW	1	N	2	N	1	1.3
21	121.1	119.3	118.6	119.7	9.9	17.7	9.8	11.1	18.4	6.3	12.1	2.1	11.7	11.6	10.6	11.3	96	57	88	84	NNE	2	NE	2	N	1	1.7
22	118.0	115.7	113.7	115.8	5.7	18.2	8.8	8.7	18.4	2.0	16.4	-0.9	8.8	11.9	10.0	10.2	96	57	89	84	NNW	1	NNW	3	C	0	1.3
23	113.5	114.2	113.6	113.8	10.0	13.5	11.7	9.9	13.4	4.6	8.8	1.5	11.5	12.8	12.8	12.4	94	83	93	91	C	0	N	2	C	0	0.7
24	114.0	113.3	110.8	112.7	7.9	18.0	9.4	10.4	18.1	6.1	12.0	2.4	10.4	12.7	11.1	11.4	97	62	94	88	C	0	NNW	2	C	0	0.7
25	109.8	107.7	105.5	107.7	5.5	18.8	10.8	9.8	19.0	3.9	15.1	1.0	8.6	13.5	12.3	11.5	96	62	95	87	C	0	SSE	1	C	0	0.3
26	101.7	99.6	97.8	99.7	9.9	19.7	14.0	13.0	20.5	7.6	12.9	3.9	11.6	15.1	15.0	13.9	95	66	94	88	E	2	SE	2	SE	1	1.7
27	95.7	94.7	94.3	94.9	10.4	17.5	14.2	12.8	18.0	8.6	9.4	4.4	12.3	17.9	15.0	15.1	98	89	93	94	SW	1	C	0	C	0	0.3
28	93.5	92.6	91.6	92.6	12.1	16.9	15.7	13.6	17.0	9.5	7.5	6.2	13.8	16.6	17.1	15.8	98	86	96	94	C	0	E	1	NE	1	0.7
29	89.4	91.8	92.9	91.4	13.6	11.8	9.8	12.2	15.7	9.5	6.2	9.1	14.7	12.9	11.5	13.0	95	93	95	94	NNW	2	N	2	N	2	2.0
30	98.0	100.4	103.4	100.6	7.6	8.4	7.0	7.8	9.8	6.9	2.9	6.5	9.3	9.5	9.5	9.4	89	86	95	90	N	3	N	2	N	2	2.3
M	102.5	102.3	102.0	102.3	10.4	18.0	13.0	12.4	18.7	7.6	11.1	4.5	11.5	13.2	12.8	12.5	90	65	85	82		1.0		2.1		0.8	1.3

Meteorological elements October 1998

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	105.0	105.4	107.2	105.9	5.6	8.1	0.8	3.9	8.7	0.5	8.2	-3.0	7.5	6.1	5.6	6.4	83	56	86	77	E 2	NNE 3	NNW 1	2.0
2	108.1	106.9	106.4	107.2	0.6	7.2	5.2	2.8	8.0	-2.5	10.5	-6.4	5.1	6.3	6.3	5.9	81	62	72	74	E 2	E 4	E 2	2.7
3	104.1	104.2	104.6	104.2	1.7	3.1	3.0	2.9	5.5	1.5	4.0	0.9	6.4	7.0	7.1	6.8	93	92	94	93	E 2	ESE 3	ESE 2	2.3
4	102.5	102.6	102.8	102.6	3.7	4.7	4.1	3.8	4.7	2.9	1.8	2.1	7.6	7.7	7.3	7.5	95	90	89	92	ESE 1	SE 2	ESE 1	1.3
5	102.7	104.0	106.5	104.4	2.8	4.5	3.8	3.5	4.8	2.5	2.3	2.0	6.7	7.0	7.0	6.9	90	84	88	88	E 1	E 1	NNE 1	1.0
6	112.1	113.2	115.6	113.6	4.0	10.2	3.6	5.4	10.9	3.0	7.9	-1.5	6.9	6.9	7.3	7.0	85	55	92	79	E 1	E 2	E 1	1.3
7	116.6	116.1	115.7	116.1	4.0	10.2	6.4	5.6	10.7	1.2	9.5	-3.1	6.8	7.8	7.3	7.3	83	63	75	76	E 3	E 5	ESE 3	3.7
8	112.8	112.8	112.1	112.6	6.9	12.0	8.6	8.6	13.0	6.1	6.9	4.0	7.9	9.9	10.5	9.4	80	70	94	81	ESE 2	SSE 3	ESE 2	2.3
9	109.1	107.5	104.4	107.0	9.0	12.2	13.0	10.8	13.3	8.1	5.2	7.1	11.2	14.0	14.5	13.2	97	99	97	97	SSE 1	S 1	S 2	1.3
10	99.3	95.9	94.3	96.5	11.6	16.1	11.7	12.8	16.5	11.2	5.3	9.8	13.2	11.2	11.3	11.9	97	61	82	84	SSW 2	W 4	W 3	3.0
11	91.5	94.1	94.7	93.4	9.8	11.8	9.8	10.2	12.4	9.0	3.4	7.6	11.1	11.5	10.3	11.0	91	83	85	87	S 3	WSW 2	WSW 3	2.7
12	93.2	92.6	91.2	92.3	10.2	14.8	11.3	11.2	14.9	8.4	6.5	6.1	10.9	11.6	12.0	11.5	88	69	90	84	SSW 2	WSW 3	WSW 2	2.3
13	98.8	102.2	105.5	102.2	7.3	9.2	5.5	7.4	11.4	5.3	6.1	0.6	9.1	8.8	8.1	8.7	89	76	90	86	W 2	W 1	C 0	1.0
14	107.9	106.3	103.7	106.0	0.3	13.0	9.8	5.5	13.0	-0.9	13.9	-3.4	5.9	8.6	9.5	8.0	95	57	78	81	SSW 1	SW 4	S 2	2.3
15	104.0	104.8	103.7	104.2	12.0	14.8	6.8	10.2	15.4	6.6	8.8	1.0	13.5	9.6	9.2	10.8	97	57	93	86	W 2	NW 3	SW 1	2.0
16	107.1	109.2	108.6	108.3	7.3	11.6	3.5	6.4	11.9	3.1	8.8	-2.0	8.9	7.7	7.2	7.9	87	56	92	80	W 2	W 3	C 0	1.7
17	102.0	98.0	95.2	98.4	5.3	19.4	12.9	9.6	19.5	0.6	18.9	-3.5	8.5	13.7	12.4	11.5	96	61	84	84	W 1	SW 4	SW 2	2.3
18	95.7	99.4	103.7	99.6	14.6	14.4	8.4	11.5	15.1	8.0	7.1	4.5	12.7	8.8	9.5	10.3	77	54	86	74	NNW 3	W 4	WSW 1	2.7
19	107.6	108.4	107.1	107.7	0.6	10.4	3.9	3.8	10.3	0.3	10.0	-3.6	6.0	7.6	7.0	6.9	95	60	86	84	C 0	WNW 1	C 0	0.3
20	102.6	101.9	103.0	102.5	4.7	9.6	5.3	5.4	9.8	2.0	7.8	-0.6	7.9	9.1	7.9	8.3	93	76	88	88	S 1	SW 2	WSW 2	1.7
21	110.8	113.2	111.5	111.8	4.9	9.2	6.7	6.3	9.8	3.9	5.9	0.5	7.3	7.6	7.0	7.3	84	65	72	76	WNW 2	WSW 2	S 2	2.0
22	108.3	109.9	112.0	110.1	7.6	12.6	11.2	9.5	12.9	6.3	6.6	4.3	9.2	11.1	11.4	10.6	88	76	86	84	W 2	SW 3	SW 2	2.3
23	111.3	108.9	105.7	108.6	8.9	17.7	12.7	11.7	17.7	7.5	10.2	2.7	10.5	12.6	12.1	11.7	92	62	82	82	S 1	SSW 3	S 2	2.0
24	102.7	102.3	100.5	101.8	7.6	14.8	11.2	10.2	14.9	7.0	7.9	4.0	9.5	10.7	11.0	10.4	91	63	83	82	S 1	SW 1	S 1	1.0
25	87.8	85.4	84.8	86.0	6.8	9.2	8.9	8.2	11.2	6.0	5.2	1.3	8.5	10.9	10.8	10.1	86	94	95	90	SE 4	S 4	S 2	3.3
26	90.5	92.3	95.2	92.7	3.5	9.0	5.0	5.7	11.4	2.8	8.6	-1.6	7.6	9.9	8.2	8.6	97	86	94	94	SSW 1	SW 1	S 1	1.0
27	98.8	100.8	100.7	100.1	0.1	6.8	5.0	3.2	8.0	-0.5	8.5	-3.8	5.9	8.3	7.6	7.3	96	84	87	91	S 1	WSW 1	WSW 2	1.3
28	87.1	80.2	78.4	81.9	8.4	10.6	8.7	8.3	12.3	3.9	8.4	1.4	10.3	11.1	10.5	10.6	94	87	94	92	SSW 3	SSW 6	S 4	4.3
29	85.1	85.5	86.7	85.8	6.4	10.4	8.5	7.9	10.4	6.2	4.2	3.0	8.0	8.9	8.6	8.5	84	71	77	79	SW 2	WSW 3	WSW 4	3.0
30	89.5	89.9	89.4	89.6	6.8	8.6	4.9	6.2	8.8	4.5	4.3	0.0	7.5	7.7	7.4	7.5	76	69	85	76	W 3	W 4	SW 1	2.7
31	92.5	93.0	93.9	93.1	5.5	7.2	5.5	5.7	7.3	4.4	2.9	0.0	7.6	7.6	7.5	7.6	84	75	83	82	WSW 4	WSW 4	SW 2	3.3
M	101.5	101.5	101.4	101.5	6.1	10.8	7.3	7.2	11.4	4.2	7.2	1.0	8.6	9.3	9.0	9.0	89	71	86	84	1.9	2.8	1.7	2.1

Meteorological elements November 1998

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	89.2	81.8	74.9	82.0	0.9	4.3	3.6	2.6	5.4	0.7	4.7	-2.0	5.7	7.9	7.5	7.0	88	95	95	92	SSW	1	S	2	S	2	1.7
2	85.9	90.2	93.0	89.7	4.4	5.1	3.7	3.7	5.8	0.8	5.0	-0.4	7.9	7.9	7.6	7.8	94	90	95	93	W	3	W	3	WSW	1	2.3
3	93.0	86.5	85.5	88.3	0.9	4.4	7.4	4.0	7.3	0.4	6.9	-3.0	6.2	7.9	9.3	7.8	95	94	91	94	SSW	1	SSE	3	SSW	3	2.3
4	89.3	89.4	89.3	89.3	4.8	9.7	6.9	6.5	9.7	4.6	5.1	-0.7	7.8	9.3	9.4	8.8	91	77	95	88	SSE	1	S	2	S	1	1.3
5	91.4	96.2	101.2	96.3	4.6	5.3	4.2	4.8	6.9	3.6	3.3	-0.9	7.8	5.6	6.8	6.7	93	63	82	83	W	1	W	6	SW	2	3.0
6	100.8	98.4	99.2	99.5	2.9	6.7	7.2	4.8	7.5	1.7	5.8	-1.7	6.0	7.3	7.7	7.0	79	74	76	77	WSW	3	W	3	SW	5	3.7
7	110.4	113.0	115.2	112.9	3.0	5.3	1.3	3.1	7.2	1.0	6.2	-3.3	6.4	6.1	6.0	6.2	84	69	90	82	W	4	W	3	SW	2	3.0
8	114.9	113.7	112.8	113.8	0.0	3.9	2.5	1.0	4.0	-2.5	6.5	-7.2	5.8	7.7	7.0	6.8	95	95	95	95	C	0	W	1	W	1	0.7
9	114.0	114.5	113.4	114.0	-1.6	-1.0	-1.6	-0.7	2.4	-2.0	4.4	-2.5	5.2	5.2	4.8	5.1	96	92	88	93	C	0	NE	1	NNE	1	0.7
10	106.2	103.6	102.1	104.0	-1.2	0.7	-0.2	-0.8	0.8	-2.5	3.3	-4.0	4.5	4.7	5.5	4.9	80	74	91	81	SE	2	E	3	E	2	2.3
11	101.5	102.7	103.9	102.7	-0.3	0.1	-0.1	-0.2	0.0	-0.6	0.6	-1.3	5.7	5.5	5.4	5.5	96	89	89	92	E	1	E	1	C	0	0.7
12	102.0	102.0	101.3	101.8	0.7	3.9	3.1	1.9	4.3	-0.4	4.7	-1.2	6.2	7.7	7.3	7.1	96	95	95	96	S	1	SW	1	SW	2	1.3
13	101.2	101.8	101.9	101.6	0.7	4.5	2.6	2.1	4.5	0.5	4.0	-0.7	6.1	6.9	6.8	6.6	95	82	92	91	W	1	W	1	C	0	0.7
14	100.1	98.5	97.4	98.7	-1.2	-0.9	0.4	0.1	2.8	-1.5	4.3	-3.0	5.6	5.4	5.5	5.5	100	94	87	95	S	1	ESE	2	ESE	2	1.7
15	95.9	96.6	98.2	96.9	-0.1	1.2	-0.2	0.1	1.3	-0.7	2.0	-1.8	5.3	5.6	5.5	5.4	87	85	91	88	E	2	E	2	E	1	1.7
16	100.4	101.5	103.0	101.6	-2.6	-1.6	-3.4	-2.4	-0.2	-3.6	3.4	-3.9	4.6	4.6	4.0	4.4	92	84	84	88	E	1	N	1	NE	1	1.0
17	103.8	103.5	103.4	103.6	-4.3	-2.4	-3.5	-3.7	-2.4	-4.6	2.2	-7.5	4.1	4.3	4.2	4.2	92	84	88	89	WNW	1	W	2	N	2	1.7
18	105.1	105.5	105.7	105.4	-6.8	-4.0	-3.3	-5.1	-3.0	-7.3	4.3	-7.0	3.5	4.2	4.6	4.1	96	92	97	95	N	2	C	0	C	0	0.7
19	106.7	107.2	108.4	107.4	-5.6	-1.6	-7.2	-5.4	-1.1	-7.4	6.3	-11.3	3.8	4.9	3.1	3.9	95	91	86	92	C	0	SW	1	NNE	2	1.0
20	114.1	117.6	122.1	117.9	-12.2	-7.6	-7.4	-10.2	-6.9	-14.1	7.2	-12.0	2.1	2.9	2.9	2.6	86	85	83	85	C	0	N	1	N	2	1.0
21	128.8	130.5	132.4	130.6	-9.5	-8.4	-14.0	-11.3	-7.4	-14.4	7.0	-20.0	2.5	2.6	1.7	2.3	86	79	84	84	N	1	N	1	C	0	0.7
22	132.4	130.5	128.8	130.6	-17.9	-9.0	-11.0	-14.0	-8.8	-18.3	9.5	-25.0	1.3	2.2	2.2	1.9	89	70	84	83	C	0	E	2	SE	1	1.0
23	123.2	120.9	119.4	121.2	-10.6	-4.4	-6.6	-8.5	-4.3	-12.4	8.1	-18.1	2.1	2.8	2.9	2.6	78	64	77	74	ESE	1	E	2	ESE	3	2.0
24	115.6	113.3	112.6	113.8	-6.7	-0.2	-1.7	-3.9	-0.1	-7.0	6.9	-11.4	3.3	4.5	3.8	3.9	89	75	71	81	E	2	E	2	E	2	2.0
25	112.9	112.2	111.3	112.1	-11.3	-5.0	-10.2	-8.8	-1.4	-12.3	10.9	-19.1	1.9	2.5	2.4	2.3	72	59	84	72	SE	2	E	2	E	1	1.7
26	110.4	109.4	109.2	109.7	-9.2	-4.3	-4.4	-8.5	-4.3	-16.2	11.9	-21.4	2.6	3.5	3.7	3.3	85	79	84	83	E	1	C	0	ESE	1	0.7
27	108.2	109.0	110.9	109.4	-4.0	-1.0	-1.0	-3.2	-1.0	-6.6	5.6	-6.6	4.0	5.2	5.3	4.8	89	91	93	90	SE	1	SE	1	SE	1	1.0
28	114.4	114.6	114.4	114.5	-1.4	0.8	-0.6	-0.9	0.9	-2.4	3.3	-5.7	5.2	5.5	5.6	5.4	95	84	96	92	C	0	SE	1	E	1	0.7
29	111.5	111.0	112.3	111.6	0.0	-0.8	-2.0	-1.2	0.1	-2.5	2.6	-4.1	5.6	4.7	4.5	4.9	91	81	85	87	SE	3	E	2	E	2	2.3
30	117.1	120.1	122.6	119.9	-5.0	-6.0	-6.6	-5.2	-2.1	-6.9	4.8	-9.1	3.8	3.0	2.9	3.2	91	76	77	84	E	2	ENE	2	NE	1	1.7
M	106.7	106.5	106.9	106.7	-2.9	-0.1	-1.4	-2.0	0.9	-4.4	5.3	-7.2	4.8	5.3	5.2	5.1	90	82	88	88		1.3		1.8		1.5	1.5

Meteorological elements December 1998

Day	Atmospheric pressure 900+..... [hPa] 06h	12h	18h	M	Air temperature [°C] 06h	12h	18h	M	Air temperature [°C] Max	Min	Amp	+5cm Min	Vapour 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	127.3	128.5	129.1	128.3	-13.6	-9.0	-9.8	-11.1	-6.6	-14.4	7.8	-19.5	1.8	2.2	2.3	2.1	84	70	79	79	NE	1	E	1	NE	1	1.0
2	129.7	128.2	126.1	128.0	-11.9	-6.9	-13.6	-11.8	-6.9	-14.8	7.9	-21.9	2.0	2.5	1.7	2.1	83	69	80	79	ESE	1	ENE	1	E	1	1.0
3	119.9	115.1	110.9	115.3	-17.6	-9.5	-12.2	-14.0	-9.2	-18.1	8.9	-26.5	1.2	1.8	1.8	1.6	75	61	76	72	E	1	S	2	SE	1	1.3
4	101.7	97.4	92.7	97.3	-10.9	-4.2	-6.8	-9.2	-4.2	-14.9	10.7	-22.2	2.3	3.3	3.1	2.9	87	73	81	82	S	2	SE	1	SE	1	1.3
5	87.8	86.6	87.2	87.2	-6.0	-1.7	-1.8	-4.0	-1.3	-6.8	5.5	-8.2	3.6	5.1	5.1	4.6	92	95	94	93	C	0	C	0	SSW	1	0.3
6	88.4	89.6	91.2	89.7	-3.2	-1.2	-1.9	-2.8	-0.9	-5.0	4.1	-16.6	4.5	4.3	4.3	4.4	93	77	81	86	S	1	SW	3	S	2	2.0
7	94.3	97.2	100.9	97.5	-1.8	-1.6	-2.6	-2.5	-1.6	-4.0	2.4	-10.5	5.1	4.2	4.2	4.5	94	78	84	88	W	3	SW	3	WSW	1	2.3
8	106.7	108.1	109.8	108.2	-3.0	-1.6	-0.7	-2.1	-0.7	-4.0	3.3	-8.6	4.8	4.9	5.5	5.1	97	91	96	95	C	0	W	1	W	2	1.0
9	109.9	108.9	111.7	110.2	-2.5	-2.2	-4.3	-3.0	-0.6	-4.6	4.0	-5.4	4.7	4.5	3.5	4.2	92	86	79	87	W	2	WNW	2	N	2	2.0
10	115.2	114.3	115.3	114.9	-7.4	-7.0	-9.2	-7.6	-4.3	-9.6	5.3	-10.6	2.7	2.8	2.3	2.6	78	76	75	77	NNE	2	N	2	NNE	2	2.0
11	113.4	112.1	111.7	112.4	-10.4	-13.4	-13.4	-12.0	-9.2	-14.8	5.6	-16.6	2.4	1.8	1.9	2.0	87	81	88	86	NNW	1	W	2	W	1	1.3
12	109.6	108.4	108.1	108.7	-13.5	-8.4	-6.2	-10.0	-6.1	-14.4	8.3	-18.5	1.8	2.4	3.6	2.6	84	74	94	84	W	1	W	1	W	2	1.3
13	103.2	98.0	96.5	99.2	-0.4	0.7	4.1	0.4	4.4	-6.3	10.7	-7.1	5.6	6.2	6.9	6.2	94	96	85	92	S	2	S	2	SW	3	2.3
14	98.6	106.3	111.9	105.6	0.8	1.4	1.4	1.6	4.0	0.4	3.6	-0.6	6.0	6.2	5.9	6.0	93	91	88	91	W	5	W	3	W	2	3.3
15	113.2	112.2	111.0	112.1	0.3	1.7	2.2	1.2	2.3	0.0	2.3	-0.8	5.8	6.6	6.9	6.4	93	95	97	94	S	1	S	1	SSE	1	1.0
16	103.5	104.6	109.5	105.9	4.7	1.5	2.8	3.5	5.4	1.2	4.2	-0.4	8.3	6.5	7.1	7.3	97	95	95	96	S	1	WNW	4	WNW	2	2.3
17	114.3	112.9	111.6	112.9	2.3	3.8	3.9	3.1	4.3	2.0	2.3	-0.1	6.8	7.8	7.2	7.3	95	97	89	94	W	1	W	2	WSW	1	1.3
18	109.1	105.9	104.3	106.4	-1.2	7.6	0.4	1.4	8.0	-1.6	9.6	-6.2	5.5	5.9	5.5	5.6	98	57	87	85	SSE	2	SW	2	SW	1	1.7
19	98.7	93.7	91.7	94.7	-0.7	1.9	3.8	1.2	3.7	-1.9	5.6	-6.4	5.6	6.2	7.3	6.4	96	88	91	93	S	1	S	2	S	2	1.7
20	89.1	90.8	90.7	90.2	3.5	2.9	1.7	2.7	4.4	1.1	3.3	-2.1	6.6	6.9	6.6	6.7	84	92	95	89	WSW	3	W	1	S	2	2.0
21	94.2	98.2	101.4	97.9	0.5	0.9	-0.2	0.5	2.3	-0.5	2.8	-3.2	5.0	5.2	4.9	5.0	79	79	82	80	W	3	W	3	W	2	2.7
22	105.6	108.7	113.3	109.2	-1.4	-0.7	-7.3	-4.1	-0.2	-7.6	7.4	-15.6	4.8	4.7	3.2	4.2	87	81	91	86	WNW	2	NW	2	C	0	1.3
23	118.2	117.7	117.8	117.9	-9.9	-.3.6	-4.8	-7.5	-3.6	-11.6	8.0	-16.6	2.5	3.7	3.9	3.4	88	80	91	87	SSE	1	SE	1	SW	2	1.3
24	115.6	113.6	111.8	113.7	-8.9	-3.5	-4.8	-6.7	-3.5	-9.6	6.1	-12.4	2.8	3.4	3.4	3.2	89	72	80	82	SE	2	SE	3	SE	2	2.3
25	112.5	112.5	110.8	111.9	-0.3	0.7	0.1	-1.1	0.9	-5.0	5.9	-6.6	5.3	5.1	4.5	5.0	89	79	73	82	SW	2	SW	2	SSW	3	2.3
26	105.3	102.3	103.5	103.7	-0.2	3.9	2.2	1.3	4.0	-0.8	4.8	-2.4	4.8	5.6	5.6	5.3	80	70	79	77	S	2	SW	3	SSW	3	2.7
27	95.6	95.8	99.0	96.8	1.7	6.9	5.4	3.5	6.9	0.0	6.9	-3.5	6.4	6.9	7.0	7.1	93	69	79	84	WSW	5	SW	3	S	2	3.3
28	100.6	102.9	103.8	102.4	5.7	7.5	3.6	5.4	9.0	3.5	5.5	-0.6	6.2	6.4	5.7	6.1	68	62	73	68	SW	2	SSW	1	SSW	2	1.7
29	105.0	109.0	112.2	108.7	1.1	5.6	-1.1	1.0	5.6	-1.4	7.0	-5.9	5.7	6.8	5.1	5.9	86	75	90	84	SSW	1	W	1	C	0	0.7
30	115.6	115.4	117.1	116.0	-4.9	-1.6	-1.6	-3.1	-0.6	-5.3	4.7	-7.2	4.0	5.1	5.1	4.7	93	95	95	94	C	0	S	1	SE	2	1.0
31	116.8	116.8	115.6	116.4	-1.4	-1.2	-1.8	-1.6	-1.1	-2.1	1.0	-2.6	4.7	4.7	4.4	4.6	85	84	83	84	SSE	2	SSE	3	E	2	2.3
M	107.1	106.8	107.4	107.1	-3.6	-1.0	-2.3	-2.8	0.1	-5.5	5.6	-9.2	4.5	4.8	4.7	4.7	88	80	85	85		1.7		1.9		1.6	1.7

January 1998

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	7	8	7	7.3	Sc	Sc	Ac	0.5	.
2	6	7	8	7.0	Ac	Ci,Cc	As,Ac	.	.
3	8	7	6	7.0	Ac	Ac	Ci,Cs	3.5	.
4	2	5	8	5.0	Cu	Cu,Ac	Cb	1.5	.
5	8	8	1	5.7	Sc	Sc	Ac	1.8	.
6	8	8	8	8.0	Sc	Sc,As	Sc	1.4	.
7	8	7	8	7.7	Sc	Ac	Ns	2.5	.
8	4	8	8	6.7	Ac,Cu	Ns	Sc	5.4	.
9	8	7	1	5.3	Ns	Sc	Ci	0.5	.
10	8	6	8	7.3	Sc	Ci,Cu	Sc	0.1	.
11	6	5	4	5.0	Cu	Ci,Cc	Ci	.	.
12	1	0	0	0.3	Ci	.	.	.	.
13	1	1	5	2.3	Ci,Cc	Ci	Ac	0.0	.
14	8	8	4	6.7	Sc	Sc	Ac	.	.
15	3	6	0	3.0	Ci	Ac	.	.	.
16	6	1	8	5.0	Ci	Ac	As	1.1	.
17	8	8	7	7.7	Ns	Ns	Sc	4.0	.
18	8	8	0	5.3	Ac,As	Ac,As	.	.	.
19	6	8	8	7.3	Sc	Cs	Ac,As	0.0	.
20	8	8	8	8.0	Sc	Ac,Ci,Cu	As	0.0	.
21	8	8	8	8.0	Sc	As	St	1.2	.
22	8	4	3	5.0	Sc	Cu	Ci	.	.
23	0	0	0	0.0	.	.	.	.	.
24	0	1	0	0.3	.	Ci	.	.	.
25	0	7	0	2.3	.	Cs,Ci	.	.	.
26	0	1	0	0.3	.	Cu	.	.	.
27	8	8	0	5.3	Sc	St	.	0.0	.
28	8	8	5	7.0	Sc	Ns	Ac,Cu	2.3	.
29	8	5	3	5.3	Ac,As	Ac,Ci	Ci	0.1	4
30	8	8	8	8.0	As,Ac	Ns	Ns	1.6	4
31	0	4	0	1.3	.	Cu	.	0.0	7
M	5.5	5.7	4.3	5.2				27.5	

February 1998

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	0	0	0	0.0	.	.	.	.	6
2	8	7	8	7.7	Cs,Ci	Ci,Ac	Ac,As	0.5	6
3	8	8	8	8.0	Ns	Ns	Sc	6.5	6
4	8	8	0	5.3	As,Ac	As,Ac	.	.	16
5	8	8	8	8.0	Sc	Ac,As	As	0.1	16
6	8	8	8	8.0	Ns	St	St	0.5	12
7	8	8	8	8.0	St	St	Sc	.	6
8	8	8	7	7.7	As	Ns	Sc	2.0	3
9	8	8	8	8.0	Sc	As	St	0.0	.
10	7	3	8	6.0	Ac	Ci	As	0.0	.
11	8	8	8	8.0	As	Sc	As,Ac	6.4	.
12	8	8	8	8.0	Ns	Ns	Ns	12.3	.
13	8	7	7	7.3	Ns	Sc,As,Cu	As,Ac	1.7	.
14	1	8	8	5.7	As	As	Ns	3.2	.
15	8	8	8	8.0	Ns	Ns	≡²	5.1	.
16	8	8	7	7.7	Ns	As	Sc	3.1	.
17	0	8	2	3.3	.	Sc	Ac	.	.
18	8	8	8	8.0	As,Ac	St	St	1.4	.
19	8	8	8	8.0	St	St	≡²	5.2	.
20	8	8	8	8.0	Sc	Sc	Sc	.	.
21	4	5	2	3.7	Ci	Ci	Ci	.	.
22	5	7	8	6.7	Ci	Cs,Ci	As	.	.
23	5	1	2	2.7	Ci	Cu	Ci	0.1	.
24	8	8	8	8.0	Ns	St	St	1.2	.
25	3	4	7	4.7	Ci	Ci	Ac	0.7	.
26	8	8	8	8.0	Ns	Sc	Sc	.	.
27	8	8	7	7.7	Sc	Sc	Sc	.	.
28	8	8	4	6.7	Sc	Sc,Cs	Cu	0.4	.
M	6.6	6.9	6.5	6.7				50.4	

March 1998

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	0	5.3	Sc	Sc	.	0.5	.
2	1	0	8	3.0	Ac	.	Sc	0.7	0
3	7	8	8	7.7	Ci,Cc	Ns	Ns	8.3	0
4	8	8	8	8.0	Sc	Sc,As,Ac	As	1.5	.
5	8	7	8	7.7	Ns	Cu,As	Sc	8.7	.
6	2	8	0	3.3	Cu	Sc	.	3.0	3
7	6	8	8	7.3	Ci	Sc	Ns	5.2	3
8	8	7	8	7.7	Sc	Sc	Sc	4.8	.
9	8	4	0	4.0	Sc	Cu	.	0.6	.
10	8	6	7	7.0	Sc	Sc,Cu	Sc	0.1	0
11	3	4	0	2.3	Ac	Cu	.	.	.
12	0	1	0	0.3	.	Cu	.	.	.
13	5	6	7	6.0	Ci	Cu	Sc,Ac	7.0	.
14	6	8	7	7.0	Cu	Sc	Sc	0.3	6
15	0	3	0	1.0	.	Cu	.	.	4
16	0	6	0	2.0	.	Ci	.	.	3
17	1	2	0	1.0	Ci	Cu	.	.	.
18	0	8	8	5.3	.	As,Ac	As,Ac	0.1	.
19	7	8	7	7.3	Sc	Sc	Sc	0.5	.
20	8	5	3	5.3	Sc	Cu	Ac	0.2	1
21	8	8	7	7.7	Sc	Sc	Sc	1.3	0
22	0	5	5	3.3	.	Cu	Ac	.	1
23	2	3	3	2.7	Ci	Ci	Ci,Cc	.	.
24	7	7	2	5.3	Ac,Cs	Sc	Ac	0.0	.
25	0	2	3	1.7	.	Cu	Ac	.	.
26	0	2	0	0.7	.	Cu	.	.	.
27	3	3	8	4.7	Ci,Cs	Ac,Ci,Cc	As	2.8	.
28	8	7	8	7.7	As	Sc	Sc	.	.
29	8	6	1	5.0	As	Cu	Ac	.	.
30	0	0	3	1.0	.	.	Ci	.	.
31	3	7	5	5.0	Ci	Ci	Ac	0.1	.
M	4.3	5.3	4.3	4.6				45.7	

April 1998

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	As	Sc	3.2	.
2	8	8	8	8.0	Ns	St	Ns	5.0	.
3	8	8	8	8.0	Ns	St	St	0.3	.
4	4	8	7	6.3	As,Cs	As	As	0.1	.
5	7	8	5	6.7	Sc	As,Cu	Ac	0.2	.
6	7	8	4	6.3	Sc	Sc	Ci,Ac,Cu	.	.
7	4	4	7	5.0	Ci,Cs	Cu	Cs,Ac	2.1	.
8	8	8	4	6.7	Ns	Sc	Ac	3.7	.
9	8	8	8	8.0	St	Sc	Sc	0.1	.
10	7	5	7	6.3	Sc	Ci,Cc	Ci,Cs,Ac	.	.
11	5	3	0	2.7	Ac,Ci	Cu,Ac,Ci	.	1.1	.
12	1	4	8	4.3	Ci	Cu	Cb	6.3	.
13	7	5	8	6.7	Sc	Sc	St	5.8	.
14	8	8	6	7.3	Ns	Sc	Cu,Ac,As	1.4	.
15	6	1	1	2.7	Ac	Cu	Ci	.	.
16	8	8	8	8.0	Sc	Sc	Ns	1.9	.
17	8	8	8	8.0	Ns	Sc	Sc,Cb	0.3	.
18	7	4	8	6.3	Ac	Cu	Sc,Ac,Cc	7.9	.
19	8	8	8	8.0	Ns	Sc	Sc	9.8	.
20	8	8	8	8.0	Ns	Ns	Ns	8.9	.
21	8	8	8	8.0	Ns	St	Ns	1.0	.
22	8	8	8	8.0	Sc	Sc	Sc	.	.
23	1	1	1	1.0	Ci	Cu,Ci	Ac	.	.
24	1	0	1	0.7	Ci	.	Ci	0.0	.
25	7	4	6	5.7	Cu,Cb	Cu	Ac,Cc	0.2	.
26	0	4	1	1.7	.	Ci,Cu	Ci	.	.
27	0	1	0	0.3	.	Cu	.	.	.
28	0	2	3	1.7	.	Cu	Ci	.	.
29	0	2	3	1.7	.	Cu	Ci	.	.
30	0	7	1	2.7	.	Sc	Cu,Ac	.	.
M	5.3	5.6	5.4	5.4				59.3	

May 1998

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	0	4	1	1.7	.	Cu	Ci,Ac	.	.
2	3	5	3	3.7	Cs	Cu,Ci	Ci	0.2	.
3	1	4	2	2.3	Ci	Cu	Ac	.	.
4	7	8	8	7.7	Ac	Ac,Sc	Sc	19.4	.
5	8	8	8	8.0	Ns	Ns	Ns	7.9	.
6	8	6	7	7.0	Sc	Sc	Sc,Cb	1.4	.
7	7	7	7	7.0	Ac,Cu	Cu,Ci	Sc	.	.
8	7	5	7	6.3	Ac	Cu	Cu,Ci	.	.
9	0	1	1	0.7	.	Cu	Ci	.	.
10	1	6	0	2.3	Cu	Cu	.	.	.
11	0	3	1	1.3	.	Cu	Ci	.	.
12	0	1	5	2.0	.	Cu	Cu,Ac	2.4	.
13	0	1	1	0.7	.	Cu	Cu	0.0	.
14	1	2	8	3.7	Cu	Ci,Cu	As,Ac	0.0	.
15	7	7	8	7.3	Ac,Ci	Sc	Sc	1.2	.
16	6	6	1	4.3	Cu	Cu,Ac	Cu	.	.
17	0	6	6	4.0	.	Cu,Ci	Ac,Cu	.	.
18	2	3	7	4.0	Ci	Cu	Sc	.	.
19	0	4	0	1.3	.	Cu	.	.	.
20	0	6	1	2.3	.	Ci,Cc,Cu	Cu,Ci	.	.
21	5	4	8	5.7	Cu,Ci	Ci,Cu	As,Sc	8.2	.
22	7	8	7	7.3	Sc	Sc,Cb	Sc,Cb	6.9	.
23	7	3	1	3.7	Sc	Cu	Cu	1.8	.
24	8	8	8	8.0	Sc	Ns	Ns	6.3	.
25	8	7	1	5.3	Sc	Sc,Ac	Ac,Cu	0.0	.
26	5	7	6	6.0	Ac,Cc	Ac,Cb	Ac,Cu,Ci	0.8	.
27	0	3	0	1.0	.	Cu	.	.	.
28	0	2	5	2.3	.	Cu	Ci,Cc	.	.
29	3	2	0	1.7	Ci	Ci,Cu	.	.	.
30	1	1	1	1.0	Ci	Cu	Ci	.	.
31	1	1	4	2.0	Ci	Cu,Ci	Ci,Cu	.	.
M	3.3	4.5	4.0	3.9				56.5	

June 1998

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	5	7	5.0	Ac	Ac	Cu,Cb,As	2.1	.
2	7	6	6	6.3	Sc	Cu,Ci	Cu	.	.
3	1	3	6	3.3	Ci	Cu	Ci,,Ac	0.5	.
4	3	7	1	3.7	Ac,Cu	Cs,Ci,Cu	Ci	0.0	.
5	0	3	4	2.3	.	Cu	Cu,Ci	.	.
6	2	6	5	4.3	Ci	Ci	Ci	.	.
7	3	2	0	1.7	Ci	Cu,Ci	.	.	.
8	0	1	8	3.0	.	Cu	As,Cb	0.9	.
9	3	8	4	5.0	Ac	Sc,Cu	Cu	6.1	.
10	1	5	1	2.3	Cu	Cu	Cu	0.4	.
11	0	8	6	4.7	.	Cb	Cs,Ci,Cu	19.4	.
12	8	6	8	7.3	Sc	Cu	Cb	4.4	.
13	8	8	8	8.0	Sc	Ns	Ns	2.7	.
14	8	8	8	8.0	Ns	Ns	St	23.5	.
15	8	8	8	8.0	Ns	Ns	Ns	27.6	.
16	5	7	1	4.3	Ci	Sc,Cb,Ac	Ci,Cu	0.3	.
17	0	6	4	3.3	.	Ac,Cu,Cb	Ci,Cu	0.0	.
18	6	7	3	5.3	Ci,Cs	Ci,Cu	Ci,Cu	.	.
19	3	4	1	2.7	Ci	Cu	Ci	.	.
20	7	7	1	5.0	Sc	Cu,Ac	Ci	.	.
21	1	8	3	4.0	Ac,Ci,Cc	As,Ac	Ci,Cc,Ac	0.0	.
22	3	7	8	6.0	Cu	Sc,Cu,Ac	Sc	1.2	.
23	8	8	7	7.7	St	Sc	Ac,Ci	2.0	.
24	8	7	8	7.7	Sc	Sc,Cu,Ci	Sc	0.0	.
25	8	7	7	7.3	Sc	Ac,Cu,Ci	Sc,Ac	.	.
26	6	5	4	5.0	Ci	Cu	Ci	4.3	.
27	8	8	8	8.0	Sc	Ns	Ns	20.4	.
28	8	7	8	7.7	Sc	As,Ci,Cc	Sc,As	5.5	.
29	0	4	3	2.3	.	Ac	Cc	.	.
30	7	7	7	7.0	Ac,Cu	Sc	Ci,Cc	1.3	.
31									
M	4.4	6.1	5.1	5.2				122.6	

July 1998

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	6	7.0	Sc	Cu,Ci	Ac,Cu,Ci	.7.1	.
2	6	5	0	3.7	Cu	Cu,Ac	.	0.0	.
3	8	2	3	4.3	Ns	Cu	Cu,Ac	.	.
4	8	8	8	8.0	Sc	Ns	Sc	7.5	.
5	8	8	8	8.0	Ns	Sc,Cb	Ns	5.5	.
6	8	4	6	6.0	Ns	Cu	Ac,Cu	0.9	.
7	5	8	5	6.0	Ac	Sc	Ci,Cu	0.2	.
8	8	8	8	8.0	As	Cu,Cs	Sc,As	.	.
9	7	8	7	7.3	Ci,Cs,Cu	Sc	Cu,Ac,Ci	1.4	.
10	2	8	8	6.0	Ci	Cu,Cc,As	Sc	0.1	.
11	8	2	7	5.7	Sc	Cu,Ci	Sc	.	.
12	6	2	1	3.0	Cu	Cu	Cu,Ac	0.3	.
13	8	7	5	6.7	Ns	Sc,Ac	Ci,Cc,Ac	2.6	.
14	8	8	8	8.0	Ns	Cu,Ac	Ac,As	0.5	.
15	4	7	6	5.7	Ci	Cs,Ci,Cu	Ci	.	.
16	3	5	6	4.7	Ac	Cu	Ac	2.1	.
17	2	4	1	2.3	Ac,Ci	Cu,Ac	Cu	.	.
18	0	6	7	4.3	.	Cu	Ac	0.3	.
19	2	3	3	2.7	Ac,Cu	Cu	Ci	.	.
20	0	5	5	3.3	.	Ci	Ci	.	.
21	0	1	0	0.3	.	Cu	.	.	.
22	0	2	7	3.0	.	Ci,Cu	Ci,Cu	17.5	.
23	8	7	6	7.0	Cb	Ci,Cu	Ci	20.8	.
24	7	8	0	5.0	As,Ac,Cb	Ci,Cs,Cu	.	.	.
25	2	7	8	5.7	Ci	Cu,Ac	Sc	1.3	.
26	1	2	5	2.7	Cu	Cu	Ci	.	.
27	7	6	5	6.0	Ac	Cu,Ac	Ac,Ci,Cc	5.8	.
28	8	8	1	5.7	Sc	Cb	Cu,Ac	8.2	.
29	8	7	1	5.3	As	Ci,Cs,Cu	Ac	0.1	.
30	3	8	1	4.0	Ac	Sc	Cu	0.2	.
31	7	8	6	7.0	Ac	Ac,Cu	Ac,Cu	0.2	.
M	5.2	5.8	4.8	5.2				82.6	

August 1998

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	4	5	5	4.7	Ci	Ci	Ci	.	.
2	7	6	0	4.3	Ac,Ci,Cb	Cu	.	20.1	.
3	1	4	6	3.7	Cu	Cu	As,Ac,Ci	0.4	.
4	8	5	7	6.7	Sc	Ci,Cc,Cu	Ac,Ci,Cc	.	.
5	7	4	1	4.0	Ac,Ci,Cu	Cu	Ci,Cc	.	.
6	5	7	8	6.7	Cu	Sc	Sc	0.3	.
7	8	7	8	7.7	As	Ac,Cu	Sc,Ac	0.2	.
8	7	4	4	5.0	Sc	Cu,Ci	Ci	.	.
9	6	6	0	4.0	Cu,Ac,Ci	Cu	.	.	.
10	0	4	0	1.3	.	Cu	.	.	.
11	1	7	2	3.3	Ci,Cc	Ac	Ac	.	.
12	0	0	3	1.0	.	.	Ci	.	.
13	8	6	8	7.3	Ac	Ac	Sc	23.8	.
14	8	8	8	8.0	St	Sc,Cb	Cb	7.7	.
15	7	3	0	3.3	Ac	Cu	.	.	.
16	5	4	6	5.0	Ac	Ac,Cu	Ac	0.4	.
17	6	4	1	3.7	Ac,As	Cu	Ci	.	.
18	3	6	8	5.7	Ci,Cc	Cu,Ci	As,Cu	0.0	.
19	1	1	1	1.0	Ci	Cu	Ci	.	.
20	0	2	1	1.0	.	Cu	Ci	.	.
21	0	1	8	3.0	.	Cu	Sc,Cb	4.5	.
22	8	7	2	5.7	Sc	Cu,Cb,Ci	Cu,Ac	3.9	.
23	8	6	1	5.0	Ns	Sc,Cu,Ac	Cu,Ac	0.2	.
24	6	8	7	7.0	Ac,As,Cu	Ns,As	Sc	3.1	.
25	8	5	4	5.7	Sc	Cu	Ac,Cu	2.2	.
26	8	5	1	4.7	Sc	Cu	Ac,Cu	4.3	.
27	8	8	4	6.7	Ns	Ns,As	Ac	5.9	.
28	1	6	8	5.0	Ac,Cu	Cu,Sc	Sc	0.9	.
29	8	8	6	7.3	Ns	Sc	Ac,Cu,Sc	6.7	.
30	8	7	5	6.7	St	Ac,Cu	Ac,Ci	4.5	.
31	8	7	4	6.3	Sc	Sc	Ac,Cu	4.9	.
M	5.3	5.2	4.1	4.9				94.0	

September 1998

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	7	5	6.7	St	Sc,Cb,Ci	Ac,Cu	4.3	.
2	8	8	4	6.7	St	Sc	Cu,Ac	.	.
3	5	5	0	3.3	Cu	Cu	.	.	.
4	0	0	0	0.0	.	.	.	.	.
5	0	0	3	1.0	.	.	Ci	.	.
6	0	4	5	3.0	.	Ci	Ci	.	.
7	5	6	0	3.7	Ac	Cu	.	.	.
8	0	3	0	1.0	.	Cu	.	.	.
9	6	3	3	4.0	Ci,Ac	Cu	Ci,Ac	.	.
10	1	3	6	3.3	Cc	Ci,Cc	Ci,Cc	.	.
11	4	8	8	6.7	Ac	Sc,Ac,As	As	.	.
12	7	7	7	7.0	Ci,Cs,Ac	Ac,Ci	As,Ac	.	.
13	8	7	8	7.7	Sc	Ac	Sc	1.2	.
14	8	6	0	4.7	Sc,Ac	Cu,Ci	.	.	.
15	4	8	7	6.3	Ac	Sc	Sc	0.0	.
16	8	8	8	8.0	Sc	Sc	Ns	13.7	.
17	5	3	3	3.7	Ac	Cu,Ci	Cu	0.1	.
18	6	5	1	4.0	Ac	Cb,Cu	Ac	5.3	.
19	0	3	1	1.3	.	Cu	Ac	0.0	.
20	8	4	0	4.0	≡[4]	Cu,Ac,Ci	.	.	.
21	3	4	0	2.3	Cu	Cu	.	.	.
22	1	1	0	0.7	Ci	Cu	.	.	.
23	7	8	8	7.7	Sc	Ns	Ns	.	.
24	8	4	0	4.0	≡[2]	Cu	.	.	.
25	8	2	2	4.0	≡[2]	Ci,Cu	Ci	.	.
26	8	0	6	4.7	St	.	Sc	.	.
27	8	8	8	8.0	≡[4]	As	Sc	.	.
28	8	8	8	8.0	≡[4]	Ns	Ns	14.1	.
29	8	8	8	8.0	Ns	Ns	Ns	1.8	.
30	8	8	8	8.0	Ns	Ns	Ns	0.2	.
M	5.3	5.0	3.9	4.7				40.7	

October 1998

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	3	0	3.7	Ns	Cu	.	.	.
2	0	7	7	4.7	.	Ac,Ci	Ac	3.5	.
3	8	8	8	8.0	Ns	Ns	Ns	8.2	
4	8	8	8	8.0	St	St	St	0.2	.
5	8	8	8	8.0	Ns	Sc	Sc	.	.
6	8	2	0	3.3	Sc	Cu	.	.	.
7	3	4	1	2.7	Ac,Cu	Ac	Ac	.	.
8	8	8	8	8.0	Sc	Ac	Ns	2.6	.
9	8	8	8	8.0	≡[1]	St	Ns	0.5	.
10	8	6	8	7.3	Ns	Cu	Sc	0.8	.
11	8	7	8	7.7	Ns	Cu,Ac	Ac	0.8	.
12	8	5	8	7.0	Ns	Ac,Cu	Sc	1.4	.
13	8	8	4	6.7	Ns	Sc	Ac	0.0	.
14	8	1	6	5.0	≡[2]	Ac	Ac	1.5	.
15	7	1	3	3.7	Cu,Ci	Cu	Ac	.	.
16	2	2	0	1.3	Cu	Cu	.	.	.
17	3	0	1	1.3	Cu,Ci	.	Ci	.	.
18	7	7	3	5.7	Sc	Sc	Ci	0.0	.
19	3	7	7	5.7	Ci	Ci,Cu	Ci	0.1	.
20	8	7	5	6.7	As	Sc,Ac	Ci	0.1	.
21	8	7	4	6.3	Sc	Cu,Ci	Ac	0.6	.
22	8	7	8	7.7	Ns	Sc,Ac	Sc	0.1	.
23	3	1	4	2.7	Ac	Cu	Ac	.	.
24	7	7	7	7.0	Ac	Ac	Ac	.	.
25	7	8	7	7.3	Ac	Ns	Sc	6.1	.
26	0	8	6	4.7	.	Sc	Sc	2.0	.
27	6	8	3	5.7	Ac,Cu,Ci	Sc	Ac	6.0	.
28	8	7	7	7.3	Ns	Ns,Ac	Ns,Ac	13.2	.
29	6	8	8	7.3	Ci,Cu	Sc	Sc	0.4	.
30	8	6	7	7.0	Sc	Cu,Ac,Ci	Sc	0.2	.
31	8	8	8	8.0	Sc	Sc	Sc	0.2	.
M	6.4	5.9	5.5	5.9				48.5	

November 1998

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	6	8	8	7.3	Ci	Ns	Ns	20.4	.
2	8	8	7	7.7	Ns	Ns	Sc	2.2	.
3	8	8	8	8.0	As	Ns	Sc	2.6	.
4	7	7	8	7.3	Sc,Ac	Ac	Ns	0.5	.
5	7	4	6	5.7	Sc	Cu,Ci	Sc	0.4	.
6	8	8	7	7.7	Sc	Ns	Sc	1.1	.
7	8	7	1	5.3	Cb	Sc	Ac	.	.
8	7	8	8	7.7	Ac,As	Ns	Ns	4.4	.
9	8	8	8	8.0	Ns	St	St	.	.
10	8	8	8	8.0	Sc	As	As	0.0	.
11	8	8	8	8.0	St	St	St	1.0	.
12	8	8	8	8.0	≡[2]	Sc	Sc	2.8	0
13	8	7	8	7.7	Ns	Sc,Cu	St	.	0
14	8	8	8	8.0	≡[1]	St	St	.	.
15	8	8	8	8.0	St	St	Ns	6.7	.
16	8	8	8	8.0	Ns	Ns	Ns	2.6	7
17	8	8	8	8.0	Ns	St	St	0.0	8
18	8	8	8	8.0	St	St	St	0.7	8
19	8	8	8	8.0	Sc	St	Sc	1.2	7
20	8	8	8	8.0	Ns	Ns	Ns	0.2	11
21	8	4	0	4.0	Ns	Cu	.	0.0	10
22	2	0	0	0.7	Ci	.	.	0.0	9
23	1	4	1	2.0	Ci	Ci	Ci	.	9
24	1	0	8	3.0	Ci	.	Sc	.	9
25	0	0	0	0.0	.	.	.	.	7
26	8	8	8	8.0	Sc	Sc	As	0.1	7
27	8	8	8	8.0	Ns	St	St	0.0	7
28	8	7	8	7.7	St	Sc	Sc	.	7
29	8	8	8	8.0	St	Ns	St	0.0	7
30	8	8	8	8.0	Ns	St	Sc	0.0	7
M	6.9	6.7	6.6	6.7				46.9	

December 1998

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	6	6	8	6.7	Ac	Cu	Sc	.	7
2	8	0	0	2.7	Sc	.	.	.	7
3	0	0	0	0.0	.	.	.	.	7
4	8	1	8	5.7	Sc	Ci	As	2.0	7
5	8	8	6	7.3	As	Ns	Sc	1.6	10
6	4	7	7	6.0	Cu	Sc,Cu	Sc	2.7	14
7	8	8	8	8.0	Sc	Ns	Sc	2.4	19
8	8	8	7	7.7	Ns	Ns	Sc	3.7	19
9	8	8	8	8.0	Ns	Ns	Sc	1.5	23
10	8	6	8	7.3	Ns	Sc,Cu	As	0.1	24
11	8	6	8	7.3	Ns	As,Ac,Cu	Ns	0.2	22
12	8	8	8	8.0	As	Cs	As	0.1	23
13	8	8	8	8.0	St	Ns	Ns	11.3	20
14	8	8	8	8.0	Ns	Ns	Ns	1.3	16
15	8	8	8	8.0	Ns	Ns	≡[2]	4.7	14
16	8	8	8	8.0	Ns	Ns	Ns	3.6	11
17	8	8	8	8.0	Ns	St	Ns	0.0	8
18	3	6	1	3.3	Ci	Ci	Ac	.	6
19	7	8	8	7.7	Sc,Ac	Sc	Ns	1.3	.
20	8	8	7	7.7	Ns	Ns	Sc	1.8	.
21	8	8	7	7.7	Sc	Sc	Sc	0.3	.
22	8	5	0	4.3	Sc	Cu	.	0.7	1
23	1	0	8	3.0	Ci	.	Sc	.	2
24	5	7	7	6.3	Cs,Ci	Cs,Ci	Cs,Ci	0.0	2
25	8	8	7	7.7	St	Sc	Sc	.	2
26	7	8	1	5.3	Sc	Sc	Cu	0.6	2
27	8	8	7	7.7	Sc	As,Ac	Sc	0.2	.
28	8	5	7	6.7	Sc	Ci	Ac	.	.
29	7	2	0	3.0	Sc	Ci	.	.	.
30	8	8	8	8.0	≡[1]	≡[1]	Sc	.	.
31	8	8	8	8.0	Sc	Sc	Sc	.	.
M	7.0	6.3	6.2	6.5				40.1	

Meteorological elements January 1998

Day

1 ⌣00:00-07:00,≅10:30-15:00,≅15:00-24:00,●08:45-09:31,●10:50-11:10,●11:22-11:23

2 ⌣n-07:00,≅00:00-08:00,≡16:30-np,⌣p-np

3 ⌣00:00:08:00,●23:14-24:00

4 ●00:00-03:54,●05:29-05:31,●16:11-16:13,●17:54-18:19,●20:37-21:09,(R)N18:52-NW19:10

5 ●02:29-03:17,●05:37...05:58,●07:01-08:18

6 ●02:38-05:58,●05:58-10:43,●16:13...16:46,●17:19-18:38,●19:07-21:21,●21:30...22:10,●23:52...24:00

7 ●00:00...03:15,●07:08...07:51,●15:05-20:41

8 ●10:16...11:22,●11:30-14:15,●14:15...17:03

9 ≅n-a,⌣17:00-24:00,●00:11-02:42,●02:42-04:27,●05:05-07:04,●08:53...10:22

10 ⌣00:00-07:00,=n-09:00,●17:23-17:31

11 =08:15-06:40,≅06:40-08:00,⌣17:00-24:00

12 ⌣00:00-09:30,≅n-09:40,⌣17:00-np,≅16:40-np

13 ⌣n-09:15,=n-09:00,≅16:00-np,●09:19...09:28

14 ⌣n-08:50,=n-09:00

15 ⌣n-09:30,≅n-07:00,≅16:00-np,⌣17:00-np

16 ⌣n-08:40,≅n-09:00,=14:00-16:00

17 ≅n-16:00,●02:42-09:17,●09:17-11:05,●11:05-16:14

18

19 ⌣n-08:45,●17:08-17:15,●18:04-19:41

20 ●00:25...00:37,●20:04-20:39

21 =14:00-16:00,●07:23-16:30,●16:40...21:32,●21:50-24:00

22 ●00:00-00:47,✱02:46...05:18,⌣17:00-24:00

23 ⌣00:00-09:00,⌣17:00-24:00

24 ⌣00:08:20,⌣16:00-np,=16:30-20:00

25 ⌣n-09:10,⌣17:00-24:00

26 ⌣00:00-10:00,=n-07:00,≅07:00-08:00,⌣17:00-24:00

27 ⌣-a,⌣17:00-24:00,=p-np,⌂11:20...12:05

28 ⌣00:07:00,✱06:40-12:43

29 ⌣n-08:00,✱04:38...04:47,✱12:58-14:15

30 ✱10:09-20:51,✱23:57-24:00

31 ✱00:00-01:43,✱11:22-13:05

Meteorological elements February 1998

Day

1 ⌴0n-08:00

2 ⌴0n-08:00,⊛0 07:30-10:00

3 ≕n-08:00,*0 05:07-08:28,*0-1 16:31-23:59

4 *0 01:47...11:17

5

6 ≕n-12:15,≡0-1 12:15-17:10,≕17:10-np,●0 03:50-04:05,●0 05:30-07:50,☀0 07:50-09:40,☽0 10:38...19:19,☽0 20:25-23:44

7 ≡1n-(09),≕(09)a-p-np,

8 ⌴0n-08:00,≕08:00:11,●0 08:34-(09:30),☀1 (09:30)-12:10,*0 12:10-12:55,☀1 12:55-14:20,☀1-0 15:52...17:27

9 ●0 10:35...11:05,☽1 17:18-18:32

10 ●0 21:41-22:26,●0 22:26...23:26,●0 23:33-23:59

11

12 ●0 00:33-00:59,●1 00:59-11:05,●0 11:05-24:00

13 ●0-1 00:00-08:30

14 ⌴0n-07:30,≕n-07:00,♙0 10:35...10:50,●0 10:50-13:36,●1 13:36-18:16,●0 18:16...17:19,≡1 14:00-16:00,≡0 16:00-np

15 ●0 00:07-02:22,●0 02:47-03:02,●0-1 05:07-11:12,●0 14:32-18:38,●0 17:18...24:00,≡2 17:55-18:20

16 ≕n-08:00,●0 00:00-05:22,●1 15:25-15:59,●0 19:08-19:09,●0-1 22:23-24:00

17 ●0-1 00:00-03:18

18 ⌴0n-07:00,☽0 07:43...09:45,☽0 09:45-19:58,≕10:00-a-p-np,☽0 22:38...23:48

19 ●1 13:38-15:10,●0 16:21...18:41,≡2 17:00-np

20

21 ⌴0n-07:00,≡0n-08:00,⛰0 16:00-np

22 ⌴0n-07:20,Φ0 12:20-p

23 ≡2n-07:00,≡0 07:00-07:20,●0 08:28-08:35

24 ●0 07:08-08:28,☽0 08:28-09:50,☽0 13:27...21:49

25 ⌴0n-07:20,●0 22:55-24:00

26 ●0 00:00-01:55

27

28 ●0 13:17-13:21,●0 15:34...16:48,●0 16:54-17:09

Meteorological elements March 1998

Day

1 *^{0}05:43...08:01,*^{0}07:31...12:42,*^{0}23:07...24:00
2 *^{0}00:00...02:12,*$^{0-1}$15:21...17:26,b*^{0}18:30-18:34,*^{0}20:37...20:50
3 ●^{0}08:14...09:59,●^{0}10:09...15:21,●^{0}17:47...19:32,●$^{0-1}$19:32-24:00
4 ●$^{0-1}$00:00-04:01,●^{0}04:01...05:12,●^{0}13:22-13:23,b^{0}15:59...18:59,●^{0}23:11-23:13
5 ●^{0}00:11-00:30,●^{0}02:45-02:52,●$^{0-1}$03:11-04:35,●^{0}04:35...08:25,●$^{b-1}$07:16-10:11,●^{0}12:21-12:29,●^{1}15:59-18:49,●^{0}17:22...19:14,▲^{0}21:14-22:04
6 *$^{0-1}$00:22-05:29,b*^{0}12:54-15:47
7 *^{0}00:19-01:07,*^{0}07:53-11:26,●^{0}11:26-17:21,●^{0}17:21-20:15,●^{0}20:41-21:00,≅^{0}17:00-np,=n-08:00
8 ●^{0}00:32...01:20,●^{0}03:02...04:20,●^{0}07:47...10:20,●^{1}12:10-12:30,●^{1}15:21-18:18,●^{1}17:01-17:57,●^{0}18:20...20:39,●^{0}23:17-23:30
9 ●^{0}03:55...05:22,b*^{0}09:16-09:17,*^{0}10:20-10:48,*^{0}13:38-14:56
10 *^{0}05:30-06:37,*^{0}15:44...18:50,▲^{0}p

11 ▲^{0}np,⌴^{0}n-07:30
12 ⌴^{0}n-07:30,⌴^{0}17:00-24:00
13 ⌴^{0}00:00-07:30,*^{0}14:50...17:27,b*^{0}20:10-22:30,*^{1}22:30-24:00
14 *^{1}00:00-05:45,*^{0}06:33-06:35,*^{0}09:39...19:12
15
16 ⌴^{0}n-a,⌴^{0}17:00-24:00
17 ⌴^{0}00:00-07:20,⊕^{0}08:10-08:50,=17:00-np,⌴^{0}17:00-24:00
18 ⌴^{0}00:00-07:20,●^{0}12:38-13:30,●^{0}15:39...17:38,●^{0}21:30-21:54
19 ▲^{0}10:39...12:51
20 *^{0}00:25-01:34,*^{0}16:57-17:02,*^{0}22:32-23:32

21 *^{0}04:49...07:57,▲^{0}08:17...11:02,*^{0}13:18-14:02,*^{0}15:53...17:10,*^{0}19:08...20:07
22
23 ⌴^{0}n-07:00
24 ●^{0}05:50-10:00,*^{0}14:30-14:40
25 ⌴^{0}n-07:00
26 ⌴^{0}n-07:00
27 ⌴^{0}n-07:00,●^{0}05:45-08:00
28 ●^{0}n
29 ⌴^{0}n-08:30,=^{0}n-07:30
30 ⌴^{0}n-07:20,≅n-06:50

31 ⌴^{0}n-06:25,●^{0}23:05...23:59

Meteorologial elements April 1998

Day

1 ≡06-a,●05:40...07:05,●09:11...10:42,●12:01-12:30,●22:21-24:00
2 =n-a,●00:00-02:59,●02:59-05:20,●05:31-09:08,●10:09...13:23,●15:02-16:44,●16:44-19:38,●20:13-24:00
3 =n-a,●00:00-00:32,●01:49-07:45
4 ●21:42-21:55,●22:04-22:19
5 ●10:41...14:56,ϖ np
6 ≡n-a,(R) SSE13:52-14:05
7 ≡n-a,⊕05:30-a
8 ≡n-a,●02:19-06:54,●06:54-09:09,●13:02...17:00,●21:48-22:58,⌒16:45-16:55
9 =n-07:00,●04:13-04:17,●05:11-06:53,●19:01...23:04
10

11 ▲n-a,●10:40-10:55,●12:51...13:26
12 ⌴n,(R) ENE17:15-N-NNW17:50,●18:49-18:04
13 ●01:35...02:59,●12:25-14:33,●16:17-21:00,●21:00-(23),☾(23)-24:00
14 ☾00:00-(05),●(05)-09:09
15 ⌴n-05:40,≡n-06:30
16 =16:00-24:00,●14:06-18:54,●18:54...21:24,●22:08...24:00
17 =00:00-a,●00:00...03:30,●17:40-18:34
18 ●02:29...03:28,●19:38-22:00,●22:00-23:18
19 ≡n-07:00,=07:00-15:00,≡15:00-24:00,●00:04-00:11,●03:09-05:06,●05:06-08:44,●11:34-11:35,●13:28...14:54
●16:34...19:22,●20:27-21:02,●21:02...23:51
20 ●00:27-08:14,●08:14...11:57,●13:21-15:28,●17:29-19:22,●19:29...23:50,●23:50-24:00,=n-a

21 =n-a,●00:00-00:58,●01:30-05:11,●05:11-08:49,●10:17-13:37,●15:02-16:42
22 ●02:31-02:42,●03:59...04:14
23 ▲n-a,≡n-05:30,▲17:00-24:00
24 ▲00:00-06:30
25 ●04:59-05:08,●16:03-16:28,(R) NNE15:30-N-NW(16)
26 ▲n-06:40
27 ▲n-07:00
28
29
30

Meteorological elements May 1998

Day

1

2 ●0 15:20-16:20

3 ▲0 n-07:00

4 ▲0 n-07:00,●0 14:07...17:18,●0-1 17:18-24:00

5 ●1 00:00-01:23,●0 13:23-14:25

6 ●0 14:13-14:28,●1 15:23-15:36,●0 17:15-18:18

7 ●0 06:41-06:45

8 ▲1 n-07:00

9 ▲1 n-06:30

10 ▲0 n-06:30

11 ▲1 n-06:30

12 ▲1 n-06:30,(R)0 NE16:44-E-SE-17:20

13

14 ●0 22:21...24:00

15 ●0 00:00...03:09,●0 12:12-12:19,●0 15:12...16:47,●0 18:09...19:58,●0 22:48-24:00

16 ●0 00:00-03:38

17

18 ▲0 n-08:30,●0 08:30-07:20

19 ▲0 n-05:50

20 ▲0 n-06:20

21 ●0 17:53-20:59,●1 20:59-24:00

22 ●1 00:00-01:57,●1 01:57-04:29,●1 07:43-08:00,●1 08:57-09:02,●1 09:31-09:56,●1 11:30-13:12,
●0 13:56-14:27,●0 15:22...18:10,●0 23:17-23:18

23 ●0 01:58-02:04,●1 08:03...11:10,●1 12:16-12:27,●0 13:31-13:41

24 ●0 05:30-13:32,●1 13:32-17:57,●b 17:57-19:37,●b 23:21...24:00

25 ●0 00:00...01:28,●0 16:42-16:48

26 ●0 10:50-11:40,(R)0 SSW10:03-S-E-NE-NNE12:10

27 ▲1 n-06:30

28 ▲1 n-06:30

29 ▲0 n-06:40

30

31 ◜0 NW20:06-20:46

Meteorological elements June 1998

Day

1 ▲0n-05:30,●1 10:29-11:02,(R)0SSW10:14-R0 10:28-10:35-(R)0NE10:55

2

3 ▲0n-06:10,(R)0S19:40-20:05,●0-1 21:38-22:34,(R)0SE21:40-22:06

4 ●0 14:29-14:54

5

6 ω1 20:00-21:00

7

8 ●0 17:40-18:57

9 (R)1SSE18:15-R0 18:40-18:48-(R)1NE19:10,(R)1SW19:25-W-NNW20:05,●1 18:20-(20:30)

10 (R)0SE12:18-E-NE13:14,(R)0SE13:24-E-NE13:40,ς0N(21)-(22),●0 12:24-14:09

11 ●0 12:30-13:10,●0-1 13:10-17:30,(R)1W11:50-NW-NNW12:15

12 ●2-0 05:30-06:20,●0 09:35-09:38,●0 18:00-18:54,●0 23:15...24:00

13 ●0 00:00...04:41,●0 08:38...10:16,●1-0 11:11-12:48,●0 14:07...22:48

14 ●0 03:24-03:33,●b-1 04:32-13:44,●b 13:44-15:00,●0 15:00-20:00,●0 20:00-21:18,●1 21:39-24:00

15 ●1 00:00-01:52,●0 01:52-05:57,●1 05:57-10:37,●0 10:37-14:17,●1 14:17-23:33

16 (R)0SW10:38-S-SE11:15,(R)0SW12:37-S-SE12:50,●0 10:52-11:18,●0 12:20...14:19,●0 20:37-20:42

17 ●0 09:57...11:49,(R)0SW10:30-S-SE11:05

18 ▲0n-07:20,⊕0 05:15-07:15

19 ▲0n-07:00

20

21 ▲0n,●0 12:31...13:13

22 ●0 16:22-17:17,●0 18:28...21:13

23 ●0 02:10-03:31,●0 03:31...08:24,●0 09:42...10:38,●0 17:08-17:19,●0-1 23:09-24:00

24 ●0-1 00:00-01:44,●0 16:54-17:13,●0 17:37...19:10

25 ●0 01:20...01:41

26

27 ●0-1 00:20-01:02,●0 01:47-02:00,●1 03:31-04:36,●0 08:10-10:48,●1 10:48-13:19,●0-1 13:19-16:11,●0-1 18:46-20:17,≡09:00-13:00,≡0-1 13:00-20:00

28 ≡1-2 (00:00)-04:10,(R)0SW12:10-W-NW14:05,●0-1 13:19-14:40,●0-1 19:07-20:14

29 ●0 02:30-03:35

30 ▲0n-08:30,●0-1 10:48-11:27

Meteorological elements July 1998

Day

1 ●0 02:39-03:35,●1 17:02-17:23,●0 20:30-21:30,(R)0 NW16:58-N-NE17:35,⌒1 17:16-17:30
2 ●0 17:07-17:10
3 ▲0 n-06:30
4 ●0 12:10-12:40,●1 17:00-17:10,●0 21:22-22:40
5 ●0 02:10-24:00
6 ●0 00:00-(10:10)
7
8 ●0 n
9 ▲0 n-06:30,●0 05:50-07:00,●0 20:50-24:00
10 ●0 00:00-01:30

11
12
13 ●0 05:30-06:50
14 ●0 01:20-(03),●1 (3)-06:20
15 ▲1 n-07:00
16 ▲0 n-07:00,=17:40-np,●0 18:08-18:30
17
18 ▲1 n-08:10,●1 14:54-15:08
19
20

21 ▲0 n-06:20
22 ▲0 n-06:20
23 ●1 02:40-05:33,●1-2 05:33-06:10,=05:45-06:20,(R)0 S02:15-R0 02:40-03:15-(R)0 N04:32,(R)0 W04:58-R0-1 05:33-06:05-(R)1 ENE06:49
24 =04:40-06:20,●2 02:05-02:45,●2 04:30-05:10,(R)0 W01:25-R1 02:05-02:25-(R)1 NE03:42,(R)1 W03:46-R0 04:30-04:55-(R)1 ENE05:15
25 ▲1 n-06:30,●0 17:10...18:40
26
27 ▲1 n-07:00
28 =n-06:30,●1-2 02:50-03:30,●0 03:30-07:30,●1-2 11:20-12:15,(R)0 W01:38-NW-N03:15,R0 11:30-11:34
29 ▲0 n-06:30
30 ▲1 n-08:00,●0 11:52-12:11

31 ▲0 06:20,●0 13:05-13:30

Meteorological elements August 1998

Day

1 ▲1n-08:00
2 (R)1SW05:55-R106:43-07:02-(R)1NE08:08,●206:39-07:18,●0-107:18-08:25
3 ▲1n-06:20,(R)0WSW19:20-SW-W21:50,(R)0SSW21:30-W-NNW23:05,☾0W21:50-23:30,●020:45-21:14
4
5
6 ●002:26-02:31
7 ●004:47...08:27
8
9 ▲0n-06:20
10 ▲0n-06:30

11 ▲0n-06:10
12 ▲0n-06:20
13 (R)0ESE16:38-16:45,≡017:20-np,☾0SE19:15-19:30,●115:18-15:56,●116:34-16:54,●018:18...18:37,●121:15-24:00
14 ●100:00-03:17,●003:17-04:53,●011:20-11:30,●011:51-11:59,●112:38-13:06,●113:42-13:59,●116:35-16:16,=n-08:10
(R)0NW11:49-N-NE12:07,(R)0W12:20-R012:20-12:49-(R)0ENE13:12
15
16 ▲1n-07:30,●119:35-19:40
17
18 ▲0n-07:30,●018:12-18:16,☾0NW19:35-19:50,☾0NE20:05-21:10,(R)0NW19:50-N-NE20:05
19 ▲0n-07:00
20 ▲1n-07:00,●0-109:04-09:23

21 ▲0n-07:00,●118:11-24:00
22 ●100:00-00:17,●004:05...04:42,●008:08-08:14,●009:50-10:08,●111:20-11:37,●012:08-12:49,●115:14-15:57
●019:57...20:23,⌒015:35-15:50,●022:14...22:39
23 ●005:26-06:11,●013:26-13:37
24 ▲0n-06:40,●009:37-13:42,●013:52-14:04,●117:20-17:50
25 ●012:32...13:57,●114:53-15:36,●016:52-16:59
26 ●007:52-09:54,●012:29-12:31,●0-112:53-13:08
27 ●002:27...04:40,●1-004:40-12:45
28 ▲1n-a,●109:05-09:15
29 ●010:10-11:20,●113:20-13:40,●114:30-14:50,●016:40-17:20,=17:20-np
30 ●008:20-09:05,●110:01-10:09,●012:40-12:50,(R)0SSE13:08-13:23

31 ●003:09-04:02,(R)0N14:38,●115:05-16:10,⌒115:41-16:10,≡117:20-np

Meteorological elements September 1998

Day

1 ≡ na-05:10,=05:10-06:05,● 10:41-10:48,● 11:23-11:53,● 02:39-02:48,● 11:53...13:45,● 14:31-15:06,● 15:25-16:05

2 ≡ (02)-04:40,≡ 04:40-06:10,▲ p-24:00

3 ▲ 00:00-08:30,▲ 17:50-24:00

4 ▲ 00:00-08:20,▲ 16:00-24:00

5 ▲ 00:00-07:40

6

7 ▲ n-08:20

8 ▲ n-08:30

9 ▲ n-07:40

10 ▲ n-07:20

11 ▲ n-07:40

12

13 ● 06:02-08:19,● 08:54...10:56,● 16:27...18:03,● 21:47...24:00

14 ● 00:00...02:29,▲ 17:30-24:00

15 ▲ 00:00-08:30,● 12:30...13:31

16 ● 04:48...07:18,● 07:18-09:43,● 09:43...13:06,● 15:12-16:24,● 16:24-20:38

17 ● 11:31-11:35

18 ▲ n-09:00,=na-05:55,=13:35-17:05,≡ 17:05-24:00,● 12:37-14:08,(R) E11:37-R 12:37-12:51-NW13:08,(R) SE13:18-S-SW14:08

19 ≡ 00:00-06:10,≡ 06:10-06:20,=06:20-09:00,=17:50-np

20 ≡ na-07:40

21 ▲ n-08:45,▲ 17:10-24

22 ▲ 00:00-08:00,=n-a,▲ 17:40-24:00

23 =n-06:10,▲ 00:00-a

24 ≡ n-06:25,≡ 06:25-09:00,▲ 17:20-np,≡ 17:45-24:00

25 ≡ 00:00-06:55,=06:55-07:15,≡ 17:20-np

26 =na-06:50,=17:40-np

27 ≡ n-04:00,≡ 04:00-08:05,≡ 06:05-07:00,=16:00-17:40,≡ 17:40-np

28 ≡ n-07:55,≡ 07:55-09:20,● 12:04-12:18,● 13:02...14:22,● 16:20-17:25,● 17:25-24:00

29 ● 00:00-02:19,● 04:30-07:35,● 07:35...09:39,● 12:29-18:33,● 18:33...24:00

30 ● 00:00...03:53,● 15:23...20:33

Meteorological elements October 1998

Day

1 ⌴0 17:40-np
2 ⌴0 n-06:15
3 ●0 02:54-04:04, ●1 04:04-07:38, ●0 07:38-15:41, ●0-1 15:41-22:12
4 ❟0 00:32...11:30
5
6 ▲0 17:10-np
7 ⌴0 n-05:30
8 ●0 14:33-17:50, ●0 21:21...23:11, ●1 23:41-24:00
9 ●1 00:00-00:19, ≡1 n-07:45, =07:45-14:00, ≡1 14:00-14:45, ≡0 14:45-np, ●0 23:55...24:00
10 ●0 00:00...04:13, ●0 16:45...23:10

11 ●0 01:05-01:15, ●0 02:28-03:42, ●0 04:00...09:20, ●0 10:55-11:14, ●0 11:29...14:34
12 ●0 09:21-09:29, ●1 17:50-18:44
13 ≡0 17:15-np, ●0 09:53-10:01, ●0 16:04...16:28
14 ●0 19:56-20:44, ●0 21:20-24:00, ≡2 n-06:05
15 ●0 00:00-00:42, ●0 01:40...04:29, ≡0 n-05:45, ▲1 p-np
16 ▲0 n-06:20
17 ▲0 n-06:30, ▲0 17:20-np
18 ●0 13:14-13:39, ●0 15:34-15:54
19 ⌴0 n-06:50, =05:40-08:00, ▲0 17:20-np
20 ●0 03:44-05:08, ●0 15:05-15:44, ●0 19:08-19:14

21
22 ●0 00:58-01:07, ●0 02:05-03:05, ●0 04:30...07:25, ❟1 10:25-10:34
23 ▲0 n-a
24 ▲0 17:30-24:00
25 ▲0-1 00:00-a, ●0 10:12-10:37, ●1 10:37-14:32, ●0 14:32...15:32, ●0 18:17...19:29
26 =n-06:20, ≡1 17:50-18:10, ≡0 18:10-24:00, ●0 11:28-12:48, ●1 12:48-13:52, ●0 13:52...16:49
27 ≡0 00:00-06:50, ⌴0 n-06:40, ●0 13:01-13:14, ●0 22:00...24:00
28 ●0-1 00:00...02:50, ●0-1 03:44-05:14, ●0 05:14...07:29, ●1 07:29-09:43, ●0 09:43-12:07, ●1 14:52-17:55
29 ●0 13:05-13:30, ●0 22:45-23:00, ●0 23:00...24:00
30 ●0 00:00...02:28, ●0 03:50-03:55, ●0 07:37...07:50, ●0 10:45...11:22, ●0 19:02...19:22

31 ●0 02:12...17:02

Meteorological elements November 1998

Day

1 ●0-1 08:17-24:00

2 ●0 00:00-04:15,●0 04:45-05:40,●0 06:40-06:53,●0 08:43...13:32,⍋0 14:42-14:50,●0 14:50-15:25,●0 18:25-19:10,⌒0 14:54-14:57

3 ⌴0 n-07:10,●0 10:38-15:09,●0 16:24-16:30

4 ●0 14:05-15:35,●0 18:00-19:00,●0 20:35-20:41

5 ●0 06:58-08:13

6 ●0 06:12-07:30,*0 07:30-07:40,●0 07:40-07:55,●0 08:06...13:54,●0 20:14-23:34

7 ⌴1 p-24:00

8 ⌴1 00:00-07:30,●0 06:55-07:51,●0 08:07-14:04,●0-1 14:04-18:32

9

10 ⁎0 13:04-14:48

11 ⚲0 09:34-12:59,⚲0 16:15-17:38,⁻0 17:38-18:07,⍋0 18:57-24:00

12 ⍋0 00:00-00:44,●0 06:24...10:32,●0 15:48-18:25,●0 17:34...18:57,≡2 n-07:30,≡1 07:30-08:00,=08:00-11:30

13 ≡1 n-07:10,=07:10-10:00,⁎0 01:28...05:43

14 ≡1 n-07:20

15 ⍋0 11:27-13:50,⁎0 13:50-24:00

16 ⁎0 00:00-14:00,⁎0 14:00...18:04,⁎0 18:04-24:00

17 ⁎0 00:00-08:39,⍋0 08:53...13:47,⍋0 16:13-20:54

18 ⍋0 00:38...02:27,⍋0 07:34...22:16,⁎0 23:07-24:00

19 ⁎0 00:00-02:53,⍋0 07:26-08:28,⍋0 08:58...14:07,⁎0 14:27-17:06,⁎0 18:01-18:06,⁎0 19:17-24:00

20 ⁎0 00:00...00:02,⁎0 00:50...05:43,⁎0 06:05...10:12,⁎0 11:17...15:10,⁎0 17:23...18:38,⁎0 22:04...24:00

21 ⁎0 00:00...02:32,⁎0 03:48...09:18

22 ⁎0 06:18...07:12

23

24

25

26 ⌴0 n-a,⁎0 18:59...19:40

27 ⁎0 04:03-04:56,=n-a-16:00

28 =n-a-15:00,⁎0 18:08-19:22

29 ⁎0 08:40...10:11

30 ⍋0 06:14...11:28

Meteorological elements December 1998

Day	
1	
2	ʷ⁰07:50...09:22
3	
4	ʷ⁰22:39-24:00
5	ʷ⁰⁻¹00:00-06:40,♙⁰08:23...10:37,ʷ⁰⁻¹10:41-15:45,ʷ⁰16:06...19:38,ʷ⁰21:38-22:12,≡⁰09:00-13:00
6	ʷ⁰02:08...03:03,ʷ⁰⁻,ʷ⁰⁻¹03:46-04:58,ʷ⁰06:15...10:27,ʷ⁰17:19...18:27,ʷ⁰22:45-24:00
7	ʷ⁰⁻¹00:00-06:15,ʷ⁰07:42-10:03,ʷ⁰11:47-15:52,ʷ⁰18:57-22:41,ʷ⁰23:30...24:00
8	ʷ⁰00:00...00:36,ʷ⁰03:41-17:44,ʷ⁰17:44...21:44,ʷ⁰22:19...23:29
9	ʷ⁰00:34...03:44,ʷ⁰03:44...14:30
10	ʷ⁰06:18...12:37,ʷ⁰17:40...23:05
11	ʷ⁰02:02-04:03,ʷ⁰04:03-08:43,ʷ⁰08:43...11:13,ʷ⁰15:49...18:29,ʷ⁰19:37...23:58
12	ʷ⁰05:12...05:55,ʷ⁰16:50...21:07,❥⁰21:07-22:30,ʷ⁰22:30-24:00,⊕⁰10:30-12:40,≡⁰20:00-np
13	ʷ⁰00:00-01:38,●⁰⁻¹08:43-12:43,●⁰16:15...17:32,●⁰17:32-24:00,=na-09:00,≡⁰16:00-17:30
14	●⁰00:00-(01),ʷ(01)-06:42,ʷ⁰06:42-15:32
15	=09:30-a,●⁰07:26...07:38,●⁰08:48...09:00,●⁰09:18-10:58,●⁰12:35-23:03,≡²(16)-np
16	●⁰00:33-00:35,●⁰01:17-03:21,●⁰03:55-04:11,ʷ⁰08:13-08:22,ʷ⁰⁻¹09:23-13:31,ʷ⁰16:37...18:50,≡²n-na,≡¹na-07:00,≡⁰07:00-09:00
17	=08-a-p,●⁰09:36-10:56,❥⁰10:56-12:28
18	⌴⁰n-08:40,⌴⁰17:00-24:00
19	⌴⁰00:08:00,●⁰11:18-13:49,●⁰17:24-17:39,=11:30-np
20	●⁰03:59-04:07,●⁰04:27-12:13,●⁰13:38-14:08,●⁰16:41...17:28,●⁰19:29-20:44
21	♙⁰07:12-07:15,♙⁰09:23...10:08
22	ʷ⁰02:26...05:25,♙⁰06:08-07:55,ʷ⁰08:09...10:49,⌴⁰17:00-24:00
23	⌴¹00:00-a,=15:00-17:00,⌴⁰17:00-np
24	⌴¹n-a-24:00,⊕⁰08:30-a
25	⌴¹⁻⁰00:00-a,♙⁰01:28...04:14,♙⁰21:37-21:41
26	♙⁰00:48-00:50,●⁰10:07-11:09
27	●⁰03:35-05:35,●⁰05:35...08:15,●⁰21:43...22:22
28	●⁰00:16...03:37
29	⌴⁰n-a,≡¹17:00-np,⌴⁰17:00-np
30	≡¹n-08:00,∨⁰n-np,=08:00-11:00,≡¹11:00-15:00,≡⁰15:00-17:00,=17:00-np
31	⌴⁰n-a,⌴⁰p-np

CONTENTS

ISSUES PLANNED TO BE PUBLISHED IN 2000

E-2 (316) Monographic Volume – Assessment and forecasting of hydrological droughts
by Z. Kaczmarek

C-73 (317) Monographic Volume – Signatures of Dual Mechanism of Plasma Sheet Formation and Structuring: A Study Based on Prognoz-8 Plasma Data
by B. Popielawska

C-74 (318) Results of Geomagnetic Observations, Belsk 1999

C-75 (319) Results of Geomagnetic Observations, Hornsund 1999

C-76 (320) Results of Geomagnetic Observations, Hel 1999

D-52 (321) Results of Atmospheric Electricity and Meteorological Observations S. Kalinowski Geophysical Observatory at Świder, 1998

D-53 (322) Atmospheric Ozone, Solar Radiation 1999

PUBLICATIONS OF THE INSTITUTE OF GEOPHYSICS POLISH ACADEMY OF SCIENCES

D. ATMOSPHERE PHYSICS

List of our publications since 1985 devoted to the atmosphere physics; the full list is published on the cover of our former issues.

D-30 (220) Atmospheric ozone, solar radiation 1987, Umkehr ozone profiles, Belsk 1963–1981.

D-31 (229) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski a Świder 1988.

D-32 (230) Atmospheric ozone, solar radiation 1988.

D-33 (233) Atmospheric ozone, solar radiation 1989.

D-34 (234) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski a Świder 1989.

D-35 (238) Proceedings of the International Workshop on Global Atmospheric Electricity Measurements, Mądralin, Poland, 10–16 September, 1989.

D-36 (246) Atmospheric ozone, solar radiation 1990.

D-37 (247) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski a Świder 1990.

D-38 (252) Atmospheric ozone, solar radiation 1991.

D-39 (253) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski a Świder 1991.

D-40 (263) Atmospheric ozone, solar radiation 1992.

D-41 (264) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski a Świder 1992.

D-42 (269) Atmospheric ozone, solar radiation 1993.

D-43 (271) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski a Świder 1993.

D-44 (280) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski a Świder 1994.

D-45 (279) Atmospheric ozone, solar radiation 1994.

D-46 (289) Atmospheric ozone, solar radiation 1995.

D-47 (290) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski a Świder 1995.

D-48 (291) Atmospheric ozone, solar radiation 1996.

D-49 (299) Results of atmospheric electricity and meteorological observations S. Kalinowski Geophysical Observatory at Świder – 1996.

D-50 (306) Atmospheric ozone, solar radiation 1997–1998.

D-51 (307) Atmospheric Electricity and Meteorological Observations Świder 1997