

POLSKA AKADEMIA NAUK
INSTYTUT GEOFIZYKI

PUBLICATIONS
OF THE INSTITUTE OF GEOPHYSICS
POLISH ACADEMY OF SCIENCES

D-19 (177)

ÉLECTRICITÉ ATMOSPHÉRIQUE ET MÉTÉOROLOGIE
OBSERVATOIRE GÉOPHYSIQUE
DE S. KALINOWSKI À ŚWIDER
1983

PAŃSTWOWE WYDAWNICTWO NAUKOWE
WARSZAWA - ŁÓDŹ 1984

"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
- 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-19 (177)

ÉLECTRICITÉ ATMOSPHERIQUE ET MÉTÉOROLOGIE
OBSERVATOIRE GÉOPHYSIQUE
DE S. KALINOWSKI À ŚWIDER
1983

PAŃSTWOWE WYDAWNICTWO NAUKOWE
WARSZAWA — ŁÓDŹ 1984

Editorial Committee

Roman TEISSEYRE (Editor), Jerzy JANKOWSKI, (Deputy Editor)
Jan SŁOMKA, Magdalena KĄDZIAŁKO-HOFMOKL.
Danuta DRABER, Maria WERNIK (Managing Editor)

Editor of Series

Jan SŁOMKA

Editorial Address

Instytut Geofizyki Polskiej Akademii Nauk
ul. Pasteura 3, 02-093 Warszawa, Poland

Wykonano z oryginałów tekstowych
dostarczonych przez Instytut Geofizyki PAN

All inquiries regarding the subscription rate
and the price of each issue should be addressed to:
Export-Import Enterprise „Ruch”
ul. Wronia 23, 00-840 Warszawa, Poland

© Copyright by Państwowe Wydawnictwo Naukowe, Warszawa 1984

ISBN 83-01-06163-4

ISSN 0138-0265

Printed in Poland

ÉLECTRICITÉ ATMOSPHÉRIQUE ET MÉTÉOROLOGIE

OBSERVATOIRE GÉOPHYSIQUE DE S. KALINOWSKI À ŚWIDER

Stanisław WARZECHA

Institut de Géophysique de l'Académie Polonaise des Sciences,
Varsovie

Avant-propos

La présente publication contient les résultats de l'enregistrement de certains éléments de l'électricité atmosphérique et ceux des observations diurnes (24 h) des principaux facteurs météorologiques, effectuées à l'Observatoire Géophysique Stanisław Kalinowski de l'Académie Polonaise des Sciences, à Świder. Les matériaux se rapportant aux années 1957-1982 ont été publiés dans les numéros 16, 19, 20, 22, 25, 29, 33, 34, 38 des "Travaux de l'Observatoire Géophysique de Stanisław Kalinowski de l'Académie Polonaise des Sciences à Świder" ainsi que dans les numéros 23, 28, 38, 44, 53, 63, 77, 80, 92, D-2 (104), D-6 (121), D-8 (131), D-10 (140), D-12 (148), D-14 (151), D-16 (158), D-17 (168), des "Publications of the Institute of Geophysics, Polish Academy of Sciences".

La topographie du village de Świder et l'emplacement des instruments de mesure dans l'Observatoire, ont été décrits en détail dans les numéros précédents de "Électricité Atmosphérique et Météorologie Observatoire Géophysique de St. Kalinowski à Świder". On y trouvera également la description complète des instruments utilisés, des méthodes de mesures et de traitement des données.

Jusqu'à fin de 1982 des nombres des noyaux de condensation étaient publiés sur la base des observations fait à l'aide de compteur de Scholtz. A partir de janvier 1983 ces nombres sont publiés sur la base des enregistrements fait par un compteur photoélectrique construit dans l'Observatoire Géophysique à Świder.

En 1983, les mesures de l'électricité atmosphérique et des éléments météorologiques ont été réalisées par: S. Warzecha, W. Kozłowski, K. Kostrzewa, D. Jasinkiewicz et S. Bania. Toutes les personnes susmentionnées ont pris part à l'élaboration et au dépouillement des matériaux. L'impression des matériaux a été

préparée par S. Warzecha. Le chef du Laboratoire de l'Électricité Atmosphérique de l'Institut de Géophysique à Varsovie, S. Michnowski, ont assuré la coordination de l'ensemble des travaux.

Introduction

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. Data for the years 1957-1982 have been published in "Prace Obserwatorium Geofizycznego im. St. Kalinowskiego w Świdrze" (Nos. 16, 19, 20, 22, 25, 29, 33, 34, 38) and in "Publications of the Institute of Geophysics, Polish Academy of Sciences", previously "Materiały i Prace" (Nos. 23, 28, 38, 44, 53, 63, 77, 80, 92, D-2 (104), D-6 (121), D-8 (131), D-10 (140), D-12 (148), D-14 (151), D-16 (158) and D-17 (168) respectively).

The topography of Świder village and location of measuring instruments at the Observatory have been described in detail in the previous issues of the "Électricité Atmosphérique et Météorologie Observatoire Géophysique de St. Kalinowski à Świder". The thorough description of the instruments used, methods of measurement and data treatment can also be found there.

The numbers of condensation nuclei per 1 cm^3 listed in the yearbooks until the end of 1982 had been calculated from measurements with a Scholz counter. Since January 1983 the data have been based on indications of photoelectric condensation nuclei counter constructed in the Geophysical Observatory at Świder.

In 1983, the atmospheric electricity and meteorological observations, as well as the data treatment, were carried out by S. Warzecha, W. Kozłowski, K. Kostrzewa, D. Jasinkiewicz and S. Bania. The material was prepared for publication by S. Warzecha. The project was supervised by S. Michnowski, head of the atmospheric electricity section of the Institute of Geophysics.

Problem: C.1.5

Received: June 25, 1984

LES COORDONNÉES DE LA STATION - COORDINATES OF THE STATION

$\varphi = 52^{\circ}07'N$ $\lambda = 21^{\circ}15'E$ $h = 100\text{ m}$

LOCALISATION DES APPAREILS - LOCATION OF INSTRUMENTS

	Altitude Height over s.l. [m]	Élévation Height over ground [m]
Baromètre - Barometer	107	7.0
Instruments dans l'abri météorologique Instruments in meteorological shelter	102	2.0
Anémomètre - Anemometer		16.9
Fluviomètre - Rain-gauge		1.0
Sondé radioactive électr. vibratoire Radioactive collectors of the vibron electrometers		2.0, 2.6
Condensateur aspiratoire de la conductibilité Aspiration condenser of the conductivity set		1.0
Compteur de noyaux de condensation Condensation nuclei counter		1.0

SYMBOLES D INDICATION DU TEMPS - TYPE OF WEATHER

b	- ciel serein - clear sky
c	- nébulosité modérée - moderate cloudiness
o	- nébulosité considérable - overcast
r	- pluie - rain
p	- précipitation passagère - passing showers
d	- bruine - drizzle
s	- neige - snow
g	- neige granuleuse - granular snow
h	- grêle - hail
t	- orage local - thunderstorm over the station
l	- orage lointain - distant thunderstorm
f	- brume - fog
m	- brouillard - mist
z	- nauge des poussières - haze
hf	- givre - hoar frost
w	- tourbillon - snowstorm
ws	- tourmente de neige - snowstorm with snow falling
wind	- vent vitesse $> 6\text{ m/s}$ - wind velocity $> 6\text{ m/s}$

RELEVÉ DES SYMBOLES INTERNATIONAUX
INTERNATIONAL SYMBOLS USED

- Pluie - rain
- ▼ Pluie passagère - shower of rain
- ◊ Bruine - drizzle
- * Neige - snow
- ▼ Neige passagère - shower of snow
- △ Neige granuleuse - granular snow
- ✕ Grésil mou - soft hail
- △ Grésil gros - small hail
- △ Pluie glaciale - grains of ice
- ▲ Grêle - hail
- * Pluie accompagnée de neige - sleet
- ↔ Aiguilles de glace - ice needles
- △ Rosée - dew
- └ Givre - hoar frost
- ∨ Gélée blanche - soft rime
- ~ Verglas - glazed frost
- ▭ Verglas sur le sol - glazed frost on the ground
- ✦ Tourmente de neige - snow-storm
- ✦ Tourbillon de neige près du sol - drifting snow (near the ground)
- ✦ Tourbillon de neige à une certaine altitude - drifting snow (high up)
- ≡ Brume modérée - moderate fog
- ≡¹ Brume épaisse - heavy fog
- ≡² Brume très épaisse - very heavy fog
- ≡ Brume au ras du sol - ground fog
- == Brouillard - mist
- == Brouillard au ras du sol - ground mist
- ∞ Nuage de poussière - haze
- ⚡ Orage - thunderstorm
- (⚡) Orage lointain - distant thunderstorm
- ⚡ Éclair - lightning
- ⊕ Halo autour du soleil - solar halo
- ☾ Halo autour de la lune - lunar halo
- ⊙ Couronne solaire - solar corona
- ☾ Couronne lunaire - lunar corona
- ☾ Arc-en-ciel - rainbow
- ☾ Aurore - aurora

TABLEAUX - TABLES

SYMBOLES DÉTERMINANT LE TEMPS - TIME NOTATION

n	entre 18 ^h et 6 ^h TMGr	-	between 18 ^h and 6 ^h GMT
a	entre 6 ^h et 12 ^h TMGr	-	between 6 ^h and 12 ^h GMT
p	entre 12 ^h et 18 ^h TMGr	-	between 12 ^h and 18 ^h GMT
ap	entre 18 ^h et 24 ^h TMGr	-	between 18 ^h and 24 ^h GMT
na	entre 0 ^h et 6 ^h TMGr	-	between 0 ^h and 6 ^h GMT

Janvier - January

CHAMP ELECTRIQUE ATMOSPHERIQUE (V/m)
ELECTRIC FIELD STENOOTH (V/m)1985
2007 - 2007

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date		
1		-806	-200	-480	-210	-1018	-1056	-274	-250	-200	-215	-210	-197	-200	-192	43	-451	50	-130	-154	-26	-139	-26	29	-2	-	-	-203	154	-1970	1704	o,f,m,g	1		
2		48	-144	-136	-154	-115	-144	(-192)	-134	-86	-18	-35	-184	-206	-161	-100	-525	-526	-650	-451	-154	-152	-270	-224	-250	-	-	-250	242	-691	933	o,m,g,s	2		
3		-134	-176	-221	-179	-101	-133	-201	-262	-253	-131	11	19	64	(120)	130	80	146	16	11	-26	-26	-160	-189	-126	-	-	-80	208	-350	550	o,g	3		
4		-26	-38	-22	-67	-135	-107	-104	-211	-192	-210	-230	-200	-165	-132	-67	-127	-518	-122	-771	-284	-864	-136	-192	-520	-	-	-132	134	-1776	1910	o,m,f,r,o,d,wind	4		
5		-278	5	-250	-206	-506	-429	-581	-121	-144	61	205	254	270	339	384	336	291	256	302	211	224	128	110	-182	-	-	-24	400	-1474	1874	o,r,h,f,wind	5		
6		-157	-192	-10	-165	-272	-234	-237	-230	-175	-122	-164	-291	-152	-113	-194	-176	-74	-176	-35	109	104	96	-144	-568	-	-	-109	160	-538	696	o,h,f,d,m,f	6		
7		-275	-256	-189	-176	-141	-121	-60	-74	26	162	224	277	208	277	-600	-624	-210	123	112	227	221	112	120	232	-	-	-16	365	-1834	2109	o,r	7		
8		120	112	-5	112	165	144	>210	200	250	212	254	(262)	282	224	90	115	224	144	16	16	1	-112	170	120	-	-	-	-	-	-	-	o,g,r	8	
9		48	46	122	118	110	99	144	163	174	96	211	230	208	291	356	562	280	224	-80	1	1	-102	-176	-202	-	-	-	-	-	-	-	o,r,wind	9	
10		-152	32	1	1	-45	56	114	142	144	230	131	-285	-272	-26	-61	19	16	96	80	45	37	-16	64	32	-	-	-	-	-	-	-	o,r,wind	10	
11		0	-3	54	-10	-51	-32	-29	27	-	-	-	-	-114	-70	-62	-106	-208	-117	-148	-145	-502	-158	-192	-64	16	-	-	-	-	-	-	o,r,d,m,wind	11	
12		109	112	138	106	192	160	211	205	234	208	270	262	264	272	166	230	224	126	-86	-67	-166	-64	19	122	-	-	-	142	356	-308	544	o,hf	12	
13		86	48	46	102	0	-112	-12	3	50	-10	80	175	115	32	-166	-144	-176	-182	-174	-210	-2	112	78	-	-	-	-	-	-	-	-	o,hf	13	
14		-77	37	-16	-110	-98	-10	-51	-61	>110	593	208	221	10	-77	37	253	229	27	176	210	192	176	115	27	-	-	-	72	>800	<-800	>1600	o,d,r,s	14	
15		16	5	10	96	96	91	-78	-211	-249	-250	-250	-211	-192	-113	-180	-132	-210	-134	-115	-144	-163	-192	-189	-144	-	-	-	-	-	-	-	o,s	15	
16		-114	-10	-127	-165	-162	-145	-274	-198	-75	-160	-80	-51	-91	-56	-16	0	22	-133	-144	-216	-362	-208	-272	-117	-	-	-	-	-	-	-	o,s	16	
17		-116	-100	-64	32	14	16	32	26	128	29	-102	-200	-142	-530	-101	-770	-566	-232	93	109	-585	-744	-768	-270	-	-	-	-	-	-	-	o,s,r	17	
18		-110	-80	0	3	-10	51	22	-29	11	174	54	1	1	451	160	100	352	419	333	354	320	144	141	-	-	-	-	-	-	-	-	o,r,s,l,wind	18	
19		42	-112	-118	-210	-222	-239	1	-	-	-160	-132	>112	109	261	310	384	472	272	316	<-576	-16	120	64	16	-	-	-	-	-	-	-	-	o,s,wind	19
20		-70	-180	-112	-199	-768	-512	-384	-504	-29	-32	-8	-64	130	64	50	35	-12	-224	86	259	256	240	240	160	-	-	-	-	-	-	-	-	o,s,wind	20
21		192	176	80	-112	-133	-175	1	-381	-124	-250	-213	-168	-206	-170	-194	-136	-576	-528	-240	-240	-190	-32	-6	46	-	-	-	-	-	-	-	-	o,s,r,wind	21
22		62	-157	-280	-584	<-586	48	115	80	-80	-29	-155	-179	-112	-72	32	32	-8	-48	-16	80	112	64	62	50	-	-	-	-	-	-	-	-	o,r,d,wind	22
23		64	32	38	13	0	-2	3	42	48	-29	-33	-50	-19	16	6	-32	-122	-53	-78	-66	-134	-120	-206	-304	-	-	-	-	-	-	-	-	o,d,r	23
24		-156	-80	-77	-182	-80	-30	(-13)	40	104	-32	-112	-81	-112	45	128	-342	-144	-192	-206	-187	16	16	96	157	-	-	-	-	-	-	-	-	o,r,d,s,m,f	24
25		176	192	182	144	96	24	182	48	64	112	221	270	322	301	325	349	403	309	397	384	<-572	<-816	-100	-130	-	-	-	-	-	-	-	-	o,r	25
26		-224	-208	-213	-176	-235	-155	-38	-256	-192	-290	-86	-6	112	211	125	64	106	178	128	163	209	224	256	209	-	-	-	-	-	-	-	-	o,r,wind	26
27		197	160	192	208	144	122	144	176	54	126	-13	-115	-18	-104	-18	-13	250	320	208	59	-29	-227	-192	-35	-	-	-	-	-	-	-	-	o,r,wind	27
28		64	276	213	1	141	176	209	277	275	256	250	259	250	240	269	304	304	240	254	250	176	211	112	128	-	-	-	-	-	-	-	-	o,r,wind	28
29		-80	-91	-173	-102	-240	-296	-304	-325	-342	-306	-336	-336	-32	149	243	320	309	232	184	275	280	280	262	272	-	-	-	-	-	-	-	-	o,r	29
30		250	224	240	210	179	182	135	224	291	194	464	394	320	322	227	171	312	257	195	150	-26	<-566	<-810	-682	-	-	-	-	-	-	-	-	o,r	30
31		-48	-32	-285	-272	1	>-48	11	160	120	234	403	440	400	384	317	190	114	160	167	176	83	54	192	256	-	-	-	-	-	-	-	-	o,r,s	31
A		221	224	240	210	179	-	-	-	162	344	295	250	260	263	270	308	252	230	245	247	216	213	220	-	-	-	-	-	-	-	-	-	253	
N		-56	>-38	>-85	-111	<-152	>-125	>-52	-63	>-12	<-9	-8	>9	0	7	27	-30	20	-5	4	<-30	<-70	<-86	<-96	-97	-	-	-	-	-	-	-	-	-40	

A - Valeur moyenne pour les périodes de "bon temps". Mean values for the "fair weather".

N - Valeur moyenne pour tous les jours. Mean values for all days.

Février - February

CHAMP ELECTRIQUE ATMOSPHERIQUE (V/m)
ELECTRIC FIELD STRENGTH (V/m)1963
1962 - 682

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date					
1		238	194	117	218	248	125	195	250	224	70	-106	-253	-235	-720	-330	-126	-419	-136	214	210	1	-134	-141	107	-	-	-	-	-	-	o, r, e, wind	1					
2		131	173	209	216	245	274	426	416	512	454	323	2101	322	2336	170	237	259	70	253	38	<-2745	-1440	-211	-109	-	-	101	>2400	<-2400	>4800	o, e, g, wind	2					
3		66	141	209	259	250	141	147	19	32	93	339	333	323	61	-120	-176	-109	-462	-504	-435	-309	-470	-138	72	-	-	-33	2208	-1307	4195	o, e	3					
4		144	50	66	129	102	222	(222)	70	14	131	0	-134	211	235	222	109	-66	-6	1	-43	63	146	179	224	-	-	-	-	-	-	o, e	4					
5		5	72	144	134	131	146	64	163	3	243	350	306	394	426	371	284	349	349	390	416	477	480	546	573	-	-	-	-	-	-	o, e	5					
6		496	464	448	413	386	307	410	432	474	480	382	142	163	270	256	307	346	352	518	520	496	464	560	528	-	-	413	610	48	562	o, e	6					
7		434	352	365	390	339	304	355	480	589	560	402	602	253	42	32	141	-74	208	>120	>176	-16	-50	-96	34	-	-	>263	>800	-458	>1258	o, e	7					
8		-54	-16	-42	-104	0	30	125	149	310	106	-22	112	293	170	446	292	195	42	50	83	-80	-34	128	-134	-	-	93	515	-211	726	o, m, n	8					
9		-118	-30	227	106	-190	-115	-16	80	48	176	176	93	134	93	252	382	221	253	493	352	323	64	248	182	-	-	147	640	-256	896	o, e	9					
10		-19	119	53	78	27	-112	-187	-253	-256	-240	-200	-205	-240	<-104	-11	-272	-256	-349	-316	-282	-323	-269	-115	16	-	-	<-156	541	<-800	>1341	o, e	10					
11		-199	-190	-224	53	-	-	-	-	-	-	-131	-59	269	304	269	266	368	261	-	-	-	-	-	-	-378	-	-	-	-	-	-	o, e, m, r	11				
12		-40	-179	-77	-126	48	19	-166	-34	-77	-131	99	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o, m, r, e, g	12				
13		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o, e	13				
14		-	-	-	-	-	-	-	-	-	-	(neg)	540	928	820	648	656	624	680	640	592	440	320	328	440	356	332	-	-	-	-	-	-	o, h, f, o, n	14			
15		432	384	364	484	520	496	600	196	128	444	648	560	476	528	528	560	680	684	716	628	632	716	772	720	-	-	538	904	-192	1096	h, h, f	15					
16		469	196	256	472	188	-120	-52	-44	-240	-200	-236	-160	8	160	264	440	480	504	700	840	-	-	-	-	-	-	-	-	-	-	-	-	o, h, f, o	16			
17		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o, h, f	17			
18		220	152	184	228	184	116	160	200	103	152	120	164	77	173	192	166	104	211	202	144	200	282	237	-16	-	-	-	168	336	-96	432	o, d, g	18				
19		-64	-64	-211	-237	-112	8	-59	-133	-45	160	95	-112	-40	-45	80	70	226	293	173	26	146	86	112	48	-	-	-	-	17	368	-352	720	o, g, n	19			
20		95	-3	-209	93	208	-56	16	262	392	387	442	368	333	194	208	32	259	253	118	29	-174	-144	-190	-253	-	-	-	-	134	480	-433	893	o, n, o	20			
21		-451	-282	-70	-48	-101	-134	-136	-150	-45	22	243	272	259	253	250	282	307	413	374	350	432	496	496	494	-	-	-	-	139	528	-416	1144	o, e, wind	21			
22		480	434	474	480	512	605	608	723	724	608	576	344	259	294	506	454	397	446	467	467	467	467	467	467	-	-	-	-	444	750	-146	896	o, h, f, o	22			
23		54	131	-144	-176	-74	-45	-48	-10	3	84	192	144	120	267	269	51	-50	-53	-200	-237	-192	-61	5	-	-	-	-	-	-	-	15	307	-320	627	o, e	23	
24		-147	-162	-172	-136	-170	-262	6	163	5	12	14	36	155	176	206	212	120	120	120	120	120	120	120	120	-	-	-	-	-	-	-	44	554	-445	1199	o, f, m, h, f	24
25		-15	-150	-65	-102	-16	125	-43	-64	147	514	400	413	432	477	606	526	482	520	509	573	570	480	243	262	-	-	-	-	-	-	-	295	658	-259	917	o, h, f, n	25
26		173	121	266	176	202	51	63	131	523	512	595	571	496	502	558	576	541	525	547	416	400	432	432	384	-	-	-	-	-	-	-	386	634	-80	704	h, h, f, n	26
27		282	432	243	-	-	-376	-171	-91	-210	-	-96	-276	-403	-240	-280	-451	13	-269	-122	509	256	115	256	-129	-	-	-	-	-	-	-	-	-	o, f, r, e, d	27		
28		-187	205	210	0	149	275	(301)	-67	119	48	-147	(-46)	56	101	130	-2	-70	-253	-170	-128	53	123	-32	-112	-	-	-	-	-	-	-	8	552	-576	1128	o, d, f	28
A		408	350	368	362	401	383	495	545	605	533	591	542	451	480	517	485	428	453	505	540	519	510	547	525	-	-	485										
H		100	94	101	119	139	88	109	121	205	220	220	>179	205	207	242	233	220	206	>255	>236	178	<111	181	118	-	-	172										

Mars - March

CHAMP ELECTRIQUE ATMOSPHERIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1985
TMR - GRT

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		-274	-115	-80	-120	-64	178	178	-29	86	173	31	124	-147	-144	-252	-62	-80	56	77	67	139	132	224	256	-	9	502	-450	952	e, f, m, d, r, g	1		
2		272	224	179	211	331	321	406	(378)	432	429	493	610	656	541	618	528	426	450	420	522	544	514	496	459	-	440	672	115	557	o	2		
3		357	290	210	170	200	99	146	-109	174	160	138	211	214	261	211	213	202	208	274	304	413	382	349	291	-	232	646	-227	895	e, s	3		
4		301	280	240	234	320	400	(426)	291	376	259	(-147)	96	208	166	190	110	250	312	382	405	459	405	336	307	-	276	488	(-400)	(888)	e, g	4		
5		272	332	352	290	278	316	346	286	254	-115	-37	333	467	611	656	608	510	319	333	352	224	(-533)	(-638)	(-653)	-	(218)	659	(-682)	(1341)	e, m, g, r, m	5		
6		-499	-496	-502	-	-	-415	-414	-160	-170	-93	-59	-	-	-	-	-	-	-	-	-108	-296	-120	-180	-200	-	-	-	-	-	-	e, m, r	6	
7		-200	-160	(-280)	-120	-	-	-	-	-	-	-	240	424	440	348	268	440	432	424	440	312	260	280	312	320	240	-	-	-	-	-	e, r, wind	7
8		272	256	164	32	-169	-360	48	280	272	-	269	313	350	(315)	(155)	112	-557	-317	-302	-166	-139	-125	30	102	-	-	-	-	-	-	e, m, r	8	
9		316	384	326	312	288	269	288	141	210	224	272	211	163	246	317	384	365	322	192	64	-30	-6	-288	-	-	216	432	-432	864	e, r, wind	9		
10		-144	-138	-85	-110	-48	-96	-62	-70	-101	-147	-101	-128	(-141)	-72	163	240	307	(291)	-62	96	106	-412	-509	-581	-	-	-76	336	-1344	1680	e, r, wind	10	
11		-518	-332	-384	-480	-432	(-326)	(-269)	-288	178	253	253	-	-	-	240	1	48	282	307	272	210	222	130	190	-	-	-	-	-	-	e, m, r, h, t, g, s, wind	11	
12		211	206	240	269	363	458	498	413	374	352	320	256	240	242	174	246	333	434	464	531	558	528	565	454	-	364	364	637	134	483	b	12	
13		306	183	366	330	237	211	304	423	510	246	208	208	221	224	226	211	310	418	451	406	506	493	494	490	-	-	352	973	163	410	e, m, hf	13	
14		386	256	226	192	192	234	299	384	448	434	448	-	400	349	333	304	304	445	592	493	531	528	432	384	-	-	-	-	-	-	e, hf	14	
15		336	320	291	290	306	330	(390)	477	466	432	397	416	557	541	525	587	496	410	496	554	448	384	464	302	-	425	425	704	246	458	e, hf	15	
16		211	187	178	163	218	320	365	416	302	242	205	163	(144)	144	146	138	224	266	227	3	51	112	160	202	-	-	199	432	-35	467	o	16	
17		163	141	144	106	67	48	61	110	182	250	234	195	181	187	170	160	160	146	259	45	291	288	179	-173	-	-	150	544	-523	1067	e, m, r	17	
18		-35	118	-40	-61	-96	-112	-90	-29	-112	-126	-90	-74	-16	61	61	64	11	-34	(-173)	-208	-256	-194	-224	-307	-	-	-82	214	-528	742	e, f, m, d	18	
19		-284	-187	-324	-366	-246	-221	-275	-128	-154	-144	-	-	13	32	117	203	221	152	316	352	374	<-40	1	-	-	-	-	-	-	-	-	e, f, d, r	19
20		157	338	224	272	131	176	90	90	198	-112	122	181	224	324	(248)	-8	58	-32	-54	-98	66	64	174	176	-	-	125	(1144)	-868	(2012)	e, f, m, r	20	
21		99	-118	16	-26	229	116	(208)	205	280	234	138	96	128	128	112	128	115	-14	-48	40	-141	-144	(-301)	-168	-	-	56	320	-387	707	e, f, m, r	21	
22		-88	-104	-80	-82	-142	1	-280	(-104)	1	1	54	221	336	2504	371	462	526	456	304	1	253	243	240	208	-	-	-	-	-	-	-	e, f, r, g	22
23		187	205	221	179	1	1	192	372	5120	-32	210	304	484	1	320	268	232	211	272	272	256	242	112	61	-	-	-	-	-	-	-	e, g, r, wind	23
24		93	189	208	286	445	483	384	254	282	304	-	(208)	272	272	253	192	212	346	345	294	176	218	301	285	-	-	-	-	-	-	-	o	24
25		254	251	272	251	208	291	253	-	(-520)	-672	-563	-22	1	-82	-495	-500	-512	-451	-290	-262	-298	-386	-270	-	-	-	-	-	-	-	-	e, m, f, r	25
26		-118	-87	-40	-96	-109	144	144	27	202	163	-240	-30	-16	-120	-86	-35	-70	-112	-264	-139	-61	-240	-808	>180	-	-	-77	>1040	-1080	>1210	e, m, r, s	26	
27		>216	-168	-572	-440	-390	-135	94	-29	-48	110	160	206	390	208	198	135	210	192	335	416	518	336	214	464	-	-	-	-	-	-	-	e, s	27
28		531	512	496	442	278	410	-	-	272	230	211	195	184	144	192	210	266	285	368	403	397	448	374	168	-	-	-	-	-	-	-	e, hf	28
29		202	83	69	112	83	128	147	115	158	227	206	154	122	179	198	32	19	-48	(-149)	-154	-150	-112	-120	<-128	-	-	-	-	-	-	-	e, hf, m, r	29
30		-218	-280	-254	-162	-34	80	144	(141)	125	134	135	182	138	222	240	304	62	62	61	48	70	99	58	48	-	-	-	-	-	-	-	e, m, r	30
31		29	-46	-141	-86	-91	-160	-102	186	230	234	186	178	149	160	176	331	440	427	482	400	384	350	317	291	-	-	-	-	-	-	-	e, f, m	31
A		314	245	245	249	262	332	347	343	376	341	316	261	329	340	318	343	361	379	455	393	371	342	343	336	-	331							
H		>87	275	54	28	84	135	135	151	198	138	133	171	211	211	218	208	186	205	194	175	194	143	<80	85	-	144							

Avril - April

CHAMP ELECTRIQUE ATMOSPHERIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]

1983
TMOF - ONE

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		288	221	160	179	176	208	291	374	168	400	368	378	338	432	397	397	384	464	[475]	400	365	322	269	226	-	328	670	144	526	e,r	1		
2		160	110	144	128	96	99	192	128	126	128	112	96	144	158	197	192	166	154	102	179	165	224	77	80	-	143	256	13	237	e,r	2		
3		54	16	45	109	115	160	227	208	285	292	144	150	290	1	1	1	1	1	1	-82	64	-32	-16	-	-	-	-	-	-	-	e,r	3	
4		112	125	211	218	256	394	418	336	330	272	221	134	154	157	-30	-14	-1056	-792	-1104	<-576	-504	-208	-326	125	-	<-51	1627	<-2400	>4027	e,r,s,f,m	4		
5		>240	24	-96	-38	-34	24	-566	-307	82	213	317	304	-	243	224	200	234	365	477	464	376	278	200	198	-	-	-	-	-	-	e,r,s,m	5	
6		150	51	70	-48	-102	42	158	-	-	243	192	224	230	243	363	376	[251]	77	154	323	250	<-355	64	-	-	-	-	-	-	-	e,h,f,r,m,r	6	
7		69	96	82	107	115	144	240	200	210	125	176	166	2970	1	1	1	2370	456	179	195	96	-3	2355	1	-	-	-	-	-	-	e,r,l	7	
8		1	1	374	-144	62	158	131	238	278	304	272	227	179	176	179	224	315	217	144	323	370	349	350	250	-	-	-	-	-	-	-	e,r	8
9		53	32	-51	-102	-272	-90	-6	86	221	224	200	224	256	274	250	200	224	211	275	339	347	290	173	130	-	147	613	-493	1106	e,r	9		
10		106	83	50	19	-61	109	110	221	170	173	144	134	138	147	144	154	160	219	373	435	528	531	450	336	-	203	576	-80	656	e,h,f	10		
11		286	286	304	222	130	29	[-19]	-48	22	82	144	173	166	160	134	128	122	125	256	256	248	240	200	170	-	159	400	-80	480	e,r	11		
12		70	29	35	(0)	76	70	61	64	99	51	106	102	112	64	2	-2	48	61	3	-83	-54	-16	-46	-54	-	31	146	-110	256	e	12		
13		-48	35	-3	59	96	80	35	19	2	6	70	16	-32	83	99	106	-22	115	170	224	272	290	222	139	-	85	301	-160	461	e,r,m	13		
14		144	16	-29	3	24	29	53	163	46	13	144	200	<0	>200	<202	240	1	-230	-67	-21	-90	-176	-120	-80	-	-	-	-	-	-	e,s	14	
15		-64	-220	-82	-16	-91	-224	-173	-118	-173	-242	-325	-198	-352	-365	-200	-16	53	26	85	176	221	266	243	208	-	-75	280	-688	976	e,s,r	15		
16		35	5	-30	-86	-70	120	270	317	266	190	144	139	195	128	141	144	146	242	327	323	251	-54	-78	-48	-	130	445	-166	611	e,h,f	16		
17		-211	-221	-144	-90	-14	19	106	318	275	211	200	189	176	192	222	302	272	352	[416]	413	435	394	344	400	-	191	470	-368	838	b,h,f	17		
18		397	365	339	304	350	448	445	461	461	512	454	389	336	414	355	349	355	458	416	416	387	350	336	272	-	390	390	595	230	365	e,h,f	18	
19		211	142	170	131	243	352	446	410	432	413	448	406	[400]	342	318	373	416	394	384	464	352	384	368	320	-	347	347	502	96	406	e	19	
20		288	218	162	96	64	96	-10	43	64	109	99	-30	77	98	77	200	221	224	237	219	262	301	176	48	-	139	648	-128	776	e,r	20		
21		19	3	22	19	53	221	336	368	410	419	448	403	370	314	272	118	163	181	272	355	416	336	291	208	-	251	467	-6	473	b,h,f	21		
22		157	54	50	51	93	131	182	307	352	330	280	222	355	179	112	96	61	109	[60	1	-53	-43	96	-	-	-	-	-	-	-	e,l,r	22	
23		160	-83	2	14	1	48	-29	-27	112	134	160	[77]	1	298	35	48	6	-32	-3	-6	32	96	112	96	-	-	-	-	-	-	-	e,r,m,l	23
24		50	13	21	-27	56	64	128	240	240	240	182	132	150	166	240	192	192	222	[163]	[131]	131	86	80	80	-	135	312	-323	635	e,f	24		
25		80	6	3	48	1	-614	-34	150	146	106	48	144	64	112	90	26	3	74	150	77	42	-146	-	-	-	-	-	-	-	-	-	e,f,m,r,s	25
26		-10	-86	16	76	-16	-102	-117	45	229	112	70	112	178	96	86	106	112	131	162	195	40	45	53	64	-	62	259	-331	590	e,f,m	26		
27		66	51	56	51	35	10	139	126	149	206	243	208	195	107	45	2	64	-128	82	195	221	-133	-16	16	-	86	1590	-595	2145	e,r,l	27		
28		13	-13	-19	-14	35	16	51	90	62	83	[83]	-	-	-	112	102	96	114	205	242	317	333	112	96	-	-	-	-	-	-	e	28	
29		118	112	64	35	112	96	85	60	51	176	[256]	270	274	240	218	200	234	154	190	326	356	106	1	1	-	-	-	-	-	-	-	e,r	29
30		1	-29	-4	-176	-139	-175	-69	-53	-80	-112	-114	-54	19	61	69	83	96	107	112	144	178	163	144	96	-	-	-	-	-	-	-	e,r	30
A		183	175	149	121	131	185	237	289	281	282	276	240	239	230	218	203	203	210	253	206	271	268	222	180	-	278	-	-	-	-	-	-	
H		90	53	62	38	48	93	86	153	182	181	181	160	201	176	150	165	139	145	163	213	205	173	123	121	-	137	-	-	-	-	-	-	

Mai - May

 CHART KILNOTRIQUE ATMOSPHERIQUE [V/m]
 KILNOTRIC FIELD ATMOSPHERIC [V/m]

 1987
 1987 - 001

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
1		32	-38	90	122	51	67	85	98	131	160	144	128	114	128	128	173	419	354	328	274	227	243	215	254	-	160	528	-344	672	e	1	
2		259	176	64	710	-168	115	-	-	-128	-400	-	-	(-218)	-86	-124	-112	-70	-160	-163	-149	-202	-240	-67	25	-	-	-	-	-	-	e, r, f	2
3		54	19	-	(3)	21	181	269	168	146	171	93	88	96	104	147	106	141	147	128	96	1	1	144	-96	-	-	-	-	-	-	e, l, r	3
4		-48	-42	-64	-13	-32	51	144	189	192	192	302	1	1	278	115	134	[144]	<-295	901	160	82	26	-11	-51	-	-	-	-	-	-	e, r	4
5		-	-	-	-	-	-	-144	-141	-26	3	26	-32	13	-	-	16	27	-	-172	-118	-128	-54	58	-19	-	-	-	-	-	-	e, r	5
6		-24	-112	-309	-173	-78	48	[144]	134	208	182	157	147	144	139	128	96	81	56	147	147	144	3	-3	-56	-	99	246	-402	648	e, r	6	
7		-102	-192	-141	-269	-238	-150	-74	99	192	224	240	141	110	112	147	160	147	176	269	352	291	371	267	293	-	99	371	-498	829	e, m	7	
8		330	254	128	147	176	256	368	293	275	264	224	187	198	179	232	219	237	243	254	269	290	243	256	208	-	239	408	115	293	e	8	
9		192	287	240	219	301	336	368	[410]	136	234	221	182	206	333	-43	-234	-211	-16	13	-189	-605	-744	-586	-1478	-	-14	496	-2064	2560	e, r	9	
10		-265	-32	6	0	48	16	(-346)	-123	-35	147	146	112	122	(78)	112	133	115	141	115	112	106	128	192	188	-	44	432	-926	1358	e, r, d, m	10	
11		160	226	200	198	115	197	32	3	99	190	211	134	224	<-333	1	-16	98	26	21	96	[112]	[110]	99	96	-	-	-	-	-	-	e, f, m, l, r	11
12		131	67	-115	-264	>598	1	1	1	-38	112	134	211	176	160	166	179	176	214	[336]	459	586	520	394	390	-	-	-	-	-	-	e, f, m, r	12
13		347	272	208	112	80	94	126	194	190	192	160	117	80	85	96	80	184	>307	-	<-451	45	3	32	-	-	-	-	-	-	-	e	13
14		61	86	46	0	-74	[10]	112	[93]	171	134	144	(-86)	-12	[67]	75	-	93	115	109	114	214	400	270	70	-	-	-	-	-	-	e, l, r	14
15		-32	-35	-34	-120	19	96	192	315	430	414	368	323	186	151	128	112	144	163	228	218	187	155	115	160	-	161	475	-802	677	e	15	
16		93	0	-2	-16	48	112	176	256	312	314	242	307	256	237	258	186	144	146	224	224	221	304	317	272	-	193	405	-32	435	e	16	
17		189	91	64	-	-	-	-	[144]	118	112	80	110	114	128	104	128	192	176	160	290	408	336	235	86	-	-	-	-	-	-	b	17
18		77	80	64	98	86	96	154	173	144	118	62	(15)	24	38	1	1	1	1	278	-197	-125	-254	-173	10	-	-	-	-	-	-	e, l, r	18
19		<-137	<-168	1	-115	-192	93	133	238	274	192	144	192	200	96	160	109	1	1	(-150)	(-288)	-38	-110	-154	-	-	-	-	-	-	-	e, r, h, v, l	19
20		-132	-432	-334	-312	-240	-168	-110	112	144	48	38	46	96	112	112	141	174	230	250	272	248	269	141	165	-	21	304	-1104	1408	e, r	20	
21		154	115	115	51	32	93	205	213	213	240	259	304	310	320	306	334	334	336	224	112	64	77	64	122	-	193	384	16	368	e	21	
22		112	96	80	96	128	115	80	99	171	176	187	176	173	150	147	160	176	176	134	77	16	45	11	-92	-	114	208	-86	294	e	22	
23		-30	-45	-5	-90	-128	-101	-16	[22]	112	144	150	160	>297	1	>-192	-45	131	272	[253]	211	195	154	75	29	-	-	-	-	-	-	e, v, l	23
24		21	13	-16	-48	-51	35	165	240	256	240	235	198	176	192	238	224	208	192	179	189	186	112	48	38	-	137	291	-64	355	e	24	
25		32	32	-14	-27	3	34	83	147	158	139	104	59	6	<-173	<58	-38	48	50	-35	34	50	32	54	70	-	<38	1872	<-2400	>4272	e, t, r	25	
26		48	48	24	-281	-109	3	27	16	64	144	128	96	96	80	91	80	126	176	141	(102)	-87	-45	16	-	45	208	-477	685	e	26		
27		11	-10	16	14	15	16	[14]	112	176	102	122	125	67	98	115	128	112	142	64	96	75	384	<-120	-64	-	<76	1632	<-2400	>4032	e, r, m	27	
28		-40	-58	-64	-72	-83	-208	1	-181	-144	-75	125	1	-64	-45	-12	-12	-51	-42	-32	-32	-50	-120	-125	-256	-	-	-	-	-	-	e, r, m, f	28
29		-288	-426	-323	-280	-240	-205	-51	64	106	139	141	136	141	96	128	173	206	189	157	211	288	307	253	123	-	44	371	-544	915	e	29	
30		-3	-26	-46	<154	160	144	67	128	160	182	>158	>58	288	-288	288	211	163	195	122	48	134	189	90	82	-	129	>2400	<-2400	>4800	e, r, v, l	30	
31		19	10	157	206	139	86	[171]	125	101	96	86	99	109	86	78	93	101	83	[114]	144	160	130	93	128	-	-	107	845	-869	1714	e, r	31
A		173	162	188	114	135	146	177	182	166	173	157	190	169	164	173	183	169	194	206	216	240	242	176	169	-	182	-	-	-	-	-	
N		<17	<-13	-2	<1	>24	49	86	128	143	146	>171	136	140	80	112	99	129	100	154	104	85	100	<69	16	-	86	-	-	-	-	-	

Juin - June

CHAMP ÉLECTRIQUE ATMOSPHERIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1985
1985 - 085

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date			
1		61	64	67	32	16	61	128	128	134	115	93	80	80	96	96	83	99	144	158	211	184	176	144	70	-	104	240	-45	285	o		1			
2		16	-16	-13	-50	-21	-61	-21	144	323	330	259	259	262	413	352	307	301	259	(205)	192	197	240	192	146	-	177	534	-91	625	o		2			
3		19	16	-45	-234	240	19	1	-40	-26	10	80	64	54	54	55	48	64	70	66	26	70	176	141	128	-	-	-	-	-	-	o, r, l		3		
4		45	-3	2	3	32	51	32	96	96	70	56	(46)	48	42	42	45	29	32	77	128	179	160	112	74	-	62	224	-32	256	o		4			
5		66	96	16	-2	-0	27	32	00	120	109	96	64	>509	>512	187	-10	1	1	>115	11	74	-48	-144	-253	-	-	-	-	-	-	o, r, l, h		5		
6		-280	-256	-213	-123	-82	-48	-70	2	48	77	<-610	<-235	139	78	99	102	180	206	176	-250	-34	-16	3	114	-	<-41	2045	<-2400	>4445	o, r		6			
7		131	115	112	112	179	208	224	224	[187]	158	110	86	80	77	82	80	80	80	77	102	96	126	130	160	-	126	243	38	205	o		7			
8		157	115	96	96	99	154	80	147	173	96	64	66	64	64	64	64	83	70	80	96	141	141	115	88	-	101	221	48	173	o		8			
9		96	83	64	74	70	64	[164]	134	144	176	195	176	176	176	160	146	109	64	48	109	99	90	-35	32	-	106	206	-77	283	o		9			
10		48	-16	-29	-6	2	-10	-50	32	58	70	67	64	64	56	74	96	112	-62	48	38	-24	24	132	182	-	42	226	-826	1052	o, l, r		10			
11		144	154	178	[61]	101	157	[154]	163	128	144	142	114	112	119	112	69	64	96	104	96	102	112	102	48	-	116	230	32	198	o		11			
12		64	54	74	83	160	195	165	173	112	102	112	109	85	80	78	80	77	66	78	86	126	155	83	96	-	104	221	19	202	o		12			
13		94	109	96	90	112	128	112	78	86	86	67	80	77	67	64	80	85	80	90	102	131	134	93	96	-	93	173	45	128	o		13			
14		86	64	64	96	94	170	-	-	-	110	112	90	70	80	64	86	82	78	99	171	211	206	179	191	-	-	-	-	-	-	o		14		
15		151	96	75	-16	0	2	-10	13	26	16	-3	-02	-03	-30	-40	-141	-96	-157	-226	-201	-490	-339	-349	-384	-	-96	288	-1344	1632	o, r		15			
16		-148	-304	-319	-232	-304	-378	-491	-394	-122	-00	-32	16	32	48	66	80	96	110	112	96	128	112	107	43	-	-90	144	-643	787	o, r		16			
17		35	30	37	48	50	75	86	50	83	91	96	110	90	74	64	82	80	107	112	144	173	130	112	96	-	86	182	0	182	o		17			
18		61	48	48	70	64	67	-	80	94	120	64	48	48	46	58	48	0	-32	13	32	48	51	48	32	-	-	-	-	-	-	-	o, r		18	
19		19	16	14	13	8	-6	38	67	80	64	-43	-67	-13	-13	0	3	26	64	<139	82	-16	-40	-3	16	-	-	118	<-2400	>4584	o, r		19			
20		16	6	-5	0	32	64	96	116	134	128	120	112	112	112	106	67	67	48	32	120	160	141	144	64	-	85	240	-16	256	o		20			
21		48	48	46	106	192	227	296	272	227	198	192	166	122	80	61	16	58	61	131	162	144	125	154	128	-	-	136	388	-32	360	o		21		
22		115	112	112	134	176	237	208	176	166	154	144	123	114	112	109	110	112	126	142	187	192	176	176	165	-	149	149	250	80	170	b		22		
23		192	160	144	138	118	205	176	163	157	160	176	173	189	173	163	144	160	123	90	96	203	259	141	126	-	160	160	384	67	317	b		23		
24		96	93	50	78	128	131	144	144	144	144	144	126	112	102	99	96	82	96	101	118	122	123	96	50	-	109	109	224	38	186	b		24		
25		42	45	50	46	51	64	70	77	85	118	128	136	80	34	48	42	10	-34	1	1	-134	0	1	<-634	-	-	-	-	-	-	-	o, r, l		25	
26		-58	-24	-144	-192	-24	240	376	154	112	155	144	134	106	60	80	74	64	74	58	72	96	83	64	74	-	-	74	336	-211	547	o, r		26		
27		64	42	32	(3)	(6)	-	-269	>107	130	6	80	-269	1	1	1	<-112	19	32	6	42	1	-323	-53	-	-	-	-	-	-	-	-	-	o, r, l, h		27
28		566	0	-3	16	118	-144	-245	>240	1	1	-202	-126	107	69	64	96	77	66	112	118	114	112	128	118	-	-	-	-	-	-	-	-	o, r, h		28
29		83	96	93	64	96	130	163	160	154	141	115	94	80	64	77	80	75	69	58	64	80	77	64	51	-	-	93	176	48	128	o		29		
30		40	54	48	51	74	96	99	154	160	160	142	128	144	131	128	136	157	176	176	208	227	192	214	112	-	-	134	240	42	198	o		30		
A		93	88	83	85	113	144	151	156	159	164	153	148	145	156	123	113	107	107	95	128	145	152	130	104	-	125									
N		59	37	24	20	>53	73	58	>109	112	112	<70	<57	106	105	83	76	70	73	78	84	88	99	61	<58	-	73									

Juillet - July

CHAMP ELECTRIQUE ATMOSPHERIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1963
1963 - 007

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		80	62	52	35	109	160	227	320	368	275	176	142	131	130	114	83	106	160	178	109	112	118	112	69	-	140	400	16	384	e		1	
2		29	32	34	45	16	19	29	51	38	5	45	51	67	64	69	83	80	80	110	112	134	147	189	133	-	69	224	-32	256	e,r		2	
3		109	198	141	192	211	155	147	128	138	149	146	107	80	58	64	64	64	90	93	90	99	110	123	96	-	119	272	48	274	e		3	
4		96	109	125	99	122	115	106	82	90	99	83	64	64	77	83	90	96	94	90	93	114	136	80	54	-	94	158	34	124	e		4	
5		48	48	45	48	62	96	189	242	347	290	226	234	211	160	144	144	131	128	184	272	435	1037	833	272	-	243	1248	42	1206	e		5	
6		170	192	208	176	256	315	309	229	160	147	147	147	144	130	115	121	131	144	179	256	272	222	190	163	-	189	352	107	245	e		6	
7		147	128	160	114	184	187	157	144	138	128	128	125	146	146	128	112	128	131	176	208	304	301	349	250	172	172	462	93	369	b		7	
8		176	160	130	173	181	192	208	176	157	160	139	147	144	126	126	128	128	125	122	170	262	288	277	142	-	168	656	96	560	e		8	
9		112	115	96	112	125	112	141	128	109	101	83	94	80	-	-	78	93	96	126	120	147	147	141	166	-	-	-	-	-	e		9	
10		133	131	128	123	144	163	194	206	186	208	128	112	86	83	80	69	86	112	112	112	144	128	139	176	-	133	266	38	228	e		10	
11		142	118	107	99	67	80	<-208	-	-	>163	19	274	<-77	8	<-826	263	264	211	144	8	8	110	38	77	-	-	-	-	-	-	e,s,l,r		11
12		-82	<770	19	<-874	-662	-240	-86	64	144	131	128	128	144	141	142	149	158	144	202	259	237	194	170	-	-	<46	2533	<-2400	>4733	e,r,l		12	
13		206	176	112	128	141	125	123	141	131	112	107	112	99	-154	208	138	10	58	96	128	146	118	112	96	-	111	240	-797	1037	e,l		13	
14		75	32	80	72	112	70	142	77	80	96	96	96	109	53	-730	35	77	98	134	163	166	168	182	190	-	70	2352	-2218	4570	e,l,r		14	
15		171	141	96	160	224	277	280	[270]	211	192	163	150	144	96	102	80	74	80	64	96	96	109	123	128	-	147	325	32	293	e		15	
16		96	93	86	96	147	131	128	128	147	133	96	80	-76	-1080	>633	78	61	74	80	93	96	101	77	80	-	69	>2400	<-2400	>4800	e,r,l		16	
17		131	93	48	176	67	83	115	144	160	160	141	128	130	115	109	112	125	125	115	192	336	272	259	304	-	152	448	-14	462	e		17	
18		245	170	160	130	144	269	240	173	173	187	154	154	241	128	131	128	139	130	[309]	181	211	234	200	195	172	172	314	(83)	(231)	e		18	
19		194	211	112	8	365	-38	62	-	[128]	93	96	86	77	64	70	77	38	53	64	99	112	112	99	18	-	-	-	-	-	-	e,l,r		19
20		43	67	77	70	112	144	115	123	-2	8	8	8	8	35	8	56	160	131	115	128	147	186	150	112	-	-	-	-	-	-	e,r		20
21		96	102	93	86	86	54	205	[181]	182	96	99	-77	-24	-43	26	101	102	112	176	134	176	160	157	154	-	104	1776	-1344	3120	e,r		21	
22		176	144	160	154	112	109	99	70	80	106	150	162	128	64	64	45	64	96	-154	16	93	132	179	171	-	103	461	-784	1245	e,r		22	
23		146	118	99	-13	-234	-82	-86	-32	61	96	115	-187	-278	-326	112	122	99	94	141	22	48	80	112	128	-	15	1488	-2395	3683	e,r		23	
24		80	64	96	234	336	290	249	131	128	75	74	144	61	74	118	128	118	130	147	134	256	307	144	118	-	148	390	-32	422	e		24	
25		173	118	86	58	-16	29	176	238	-168	-107	58	109	61	32	-46	-16	-33	45	118	118	160	179	163	150	-	69	256	-734	990	e,r		25	
26		144	532	334	202	240	35	125	176	176	160	144	130	114	107	99	93	96	115	141	173	182	147	147	144	-	168	936	-864	1800	e,r		26	
27		102	80	90	114	130	192	240	310	301	264	208	141	128	118	134	131	99	80	90	115	114	112	128	8	-	-	-	-	-	-	e,l		27
28		8	<0	-774	96	48	48	139	48	61	3	48	69	19	35	64	96	93	90	112	144	154	128	85	75	-	-	-	-	-	-	e,s,r		28
29		58	56	15	64	102	107	154	147	133	154	176	163	112	102	67	67	45	90	96	96	96	96	32	48	-	96	200	-18	218	e,r		29	
30		5	-30	-48	-96	-107	-35	16	-13	80	72	64	34	43	45	18	43	32	64	106	133	171	147	134	125	-	42	181	-208	389	e,r		30	
31		85	86	96	85	115	144	176	216	124	176	144	109	96	86	78	80	85	96	112	208	194	208	178	147	-	133	317	70	247	e		31	
A		131	119	109	117	143	171	186	206	221	190	165	155	145	125	121	103	108	108	119	154	194	185	201	157	150								
H		113	<127	91	72	95	107	<127	148	138	128	121	108	78	72	51	93	95	106	112	139	175	195	172	138	<115								

Aout - August

CHAMP ELECTRIQUE
ELECTRIC FIELD
ATMOSPHERIC
STRENGTH [V/m]1983
E00r - G02

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	E	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		128	99	99	112	146	178	206	280	275	258	277	286	243	203	205	274	272	291	269	294	438	400	368	330	247	247	456	85	371	b	1		
2		304	274	234	227	192	-	-	312	256	254	126	37	24	32	-30	5	11	-64	-61	66	67	80	78	77	-	-	-	-	-	-	e, l	2	
3		96	>1019	<-269	-24	-304	5	106	141	163	224	274	1	2400	240	-106	-40	50	30	72	82	-142	-122	32	202	-	-	-	-	-	-	e, l, r	3	
4		144	27	2	18	48	66	66	43	35	80	37	-16	30	-29	-77	-162	-43	-35	-107	-43	-40	-62	-64	-94	-	-9	1195	-587	1782	e, r	4		
5		-102	-05	37	-27	-48	32	134	192	169	210	206	203	160	170	240	246	189	165	163	147	141	176	114	96	-	120	322	-384	706	e, r	5		
6		61	40	64	37	35	96	144	176	209	155	115	114	112	125	04	96	90	-	[20]	110	90	30	14	>113	-	-	-	-	-	-	e	6	
7		-317	43	43	192	48	0	02	34	1	-324	-437	-1696	1	-409	-	260	-130	10	0	-120	-82	-40	-32	-83	-	-	-	-	-	-	e, r, l, t, m	7	
8		-19	-40	-203	-107	-159	-120	22	42	50	80	96	00	64	66	96	40	-96	1	1	>264	32	43	-30	5	-	-	-	-	-	-	-	e, l, r	8
9		-34	-35	-74	-96	-96	-35	61	00	70	120	118	104	00	67	75	66	136	120	102	144	160	128	123	64	-	63	197	-126	323	e	9		
10		03	80	32	-3	-5	64	130	112	141	134	104	80	51	70	62	70	128	82	61	48	66	66	75	64	-	77	173	-34	207	e	10		
11		70	54	51	35	16	53	62	86	81	96	96	96	160	139	112	114	64	80	115	130	113	107	91	118	-	89	205	0	205	e	11		
12		128	112	64	70	80	112	134	-	-	112	96	90	90	82	96	85	86	80	59	48	48	59	50	40	-	-	-	-	-	-	e	12	
13		34	34	46	101	<-96	-45	-1608	-289	-208	178	<-576	-160	38	106	144	134	1	-176	-653	-59	-32	32	51	56	-	-	-	-	-	-	e, r	13	
14		64	69	-21	78	94	112	136	157	160	170	112	80	109	90	80	70	80	90	96	110	144	160	122	94	-	103	221	-352	573	e, r	14		
15		64	120	86	96	35	96	149	109	160	101	54	94	80	80	66	40	42	40	29	32	50	50	43	32	78	78	203	18	185	e	15		
16		32	22	26	34	50	75	110	154	197	192	162	120	03	96	51	45	96	64	85	96	00	64	40	48	-	83	208	16	192	e	16		
17		45	32	19	54	64	40	30	24	32	21	3	3	32	16	16	77	1	2744	-3	-2	-16	-22	29	32	-	-	-	-	-	-	e, l, r, m, f	17	
18		48	56	6	-202	-144	-102	-16	00	96	96	83	60	80	48	48	51	72	66	114	147	178	144	144	205	-	57	224	-410	634	e	18		
19		205	152	112	128	128	179	208	166	192	146	114	104	96	80	80	91	80	66	112	160	184	150	115	128	132	132	464	34	430	b	19		
20		112	56	48	37	48	00	178	146	126	128	94	77	64	48	46	43	32	35	72	138	112	80	00	51	-	80	288	16	272	e	20		
21		48	32	22	45	40	51	64	62	74	93	150	144	26	106	94	110	141	56	94	102	178	144	174	173	-	95	189	16	173	e	21		
22		128	96	96	112	160	190	208	250	240	224	160	120	96	109	112	112	104	128	176	189	144	211	221	162	-	156	320	94	226	e	22		
23		141	160	112	106	122	160	198	146	190	210	171	157	144	132	170	115	141	192	208	643	826	317	202	192	-	217	1061	61	1000	e	23		
24		144	96	83	96	00	00	107	123	115	152	144	129	141	102	77	40	67	114	102	144	181	200	133	120	-	116	320	30	290	e	24		
25		112	96	117	96	64	40	40	40	40	40	45	45	40	22	32	64	80	90	107	160	176	162	195	174	-	09	224	-2	226	e	25		
26		139	126	130	80	144	272	274	200	190	160	144	179	169	117	130	96	117	112	205	176	248	320	194	176	176	176	430	64	416	b	26		
27		224	192	176	171	72	144	168	168	160	146	144	130	179	138	131	131	120	115	170	144	210	200	160	109	152	152	333	70	263	e	27		
28		91	64	50	61	60	122	117	117	133	115	98	96	50	45	40	45	14	46	98	128	172	112	115	80	-	69	176	-21	177	e	28		
29		80	74	51	32	-14	21	125	192	205	179	171	144	130	96	96	126	141	173	240	256	243	220	416	272	-	160	494	-19	517	e	29		
30		128	112	112	104	130	208	261	274	210	131	104	[96]	75	107	96	96	80	123	138	192	163	176	144	138	138	138	306	50	254	e	30		
31		122	109	96	74	83	163	226	209	268	203	[272]	-	166	157	160	173	155	234	400	360	317	272	245	160	-	-	-	-	-	-	e	31	
A		1	90	90	97	124	161	170	171	169	155	132	117	105	96	99	101	113	137	170	109	176	167	150	134	134	134	134	134	134	134	134	134	
E		447	55	55	55	67	67	67	131	136	151	551	21	110	70	79	112	79	101	85	116	139	125	111	119	119	119	119	119	119	119	119	119	

Septembre - September

CHAMP ELECTRIQUE ATMOSPHERIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1985
1985 - 087

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	F	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
1		147	112	106	83	66	128	144	176	174	163	128	-	109	136	131	96	99	152	[226]	333	338	254	205	144	-	-	-	-	-	b	1	
2		118	110	80	64	93	98	80	93	128	132	186	221	170	101	83	82	106	170	154	168	182	173	157	138	127	127	248	48	200	b	2	
3		107	80	66	62	43	48	64	90	96	88	82	101	<144	-32	115	97	112	189	192	53	38	96	96	64	-	<87	2208	<-2400	>4608	e,r	3	
4		48	32	-19	-32	-144	-77	-288	>720	-	-	130	176	182	150	184	128	101	64	[74]	77	83	91	74	54	-	-	-	-	-	e,r	4	
5		-32	-112	-16	-5	-32	-64	67	157	211	242	213	176	157	128	128	93	88	64	53	80	53	32	18	12	-	71	269	-174	443	e,r	5	
6		16	16	64	94	104	144	162	112	146	138	154	128	128	136	118	149	160	72	48	32	14	3	2	3	-	89	208	-13	221	e	6	
7		21	43	3	-34	10	<-544	120	210	248	208	163	150	112	128	144	128	160	-307	-259	-384	-102	-80	-58	-43	-	<0	272	<-2400	>2672	e,r	7	
8		19	62	70	80	92	51	80	92	96	144	112	112	112	144	128	128	114	131	179	135	182	192	208	192	-	122	224	-21	245	e,r	8	
9		176	138	99	99	104	102	176	165	186	186	216	(176)	144	115	224	-48	(160)	[208]	131	141	90	72	115	112	-	135	264	-531	795	e,r	9	
10		51	64	64	48	92	64	120	120	146	128	115	96	74	80	80	82	118	149	192	192	240	240	166	114	-	117	288	16	272	e,r	10	
11		70	35	3	0	0	32	43	58	80	80	80	66	-3	30	51	27	-48	-106	1	1	-270	24	86	1	-	-	-	-	-	e,r,1	11	
12		>823	-5	-16	-36	48	77	-80	32	16	91	101	112	64	62	-12	22	-24	-135	-52	-16	-26	-136	-18	-	-	>32	>2400	-677	>3077	e,r,f,m	12	
13		-32	-93	-144	-195	-133	-46	48	256	250	210	163	157	112	112	131	112	80	77	64	102	96	66	96	80	-	65	309	-386	695	e	13	
14		48	50	64	-16	16	77	117	147	144	160	170	128	92	96	102	112	83	48	78	58	48	102	112	134	-	89	179	-96	275	e	14	
15		107	67	8	19	16	93	48	64	16	16	64	67	128	112	80	99	134	43	48	58	37	32	46	48	-	61	206	-102	308	e,r	15	
16		64	69	74	80	46	64	96	118	150	125	141	125	123	134	262	370	250	288	285	229	184	144	80	80	160	160	432	32	400	e	16	
17		53	-13	19	-13	14	35	-48	-122	-83	-125	37	117	115	75	128	138	122	131	[176]	174	156	312	179	189	-	78	400	-275	675	e,r	17	
18		126	3	-3	-32	-92	-290	-1027	-384	-480	-141	-78	26	118	115	106	86	42	176	96	138	142	88	147	130	-	-42	272	-1334	1606	e,r,f	18	
19		96	120	165	208	160	147	176	208	128	202	208	184	165	165	115	-16	0	32	32	32	16	26	16	6	-	108	282	-48	330	e,r,f,m	19	
20		14	37	70	14	48	98	83	38	-16	24	101	35	64	115	96	64	96	96	96	-102	-173	-114	-16	-27	-	29	275	-264	539	e,f	20	
21		-16	-18	0	-22	0	-3	2	0	32	74	51	64	80	64	64	96	48	48	48	-14	-16	-14	-34	-63	-	20	99	-94	193	e,r	21	
22		-64	-67	-83	-82	-82	-88	-80	-64	-48	8	72	125	121	-58	-264	-83	54	-63	-13	48	74	70	48	64	-	-19	826	-1848	2674	e,r,wind	22	
23		67	37	16	-10	-19	-6	29	62	75	[803]	[741]	131	115	96	136	134	139	141	122	74	34	16	2	14	-	69	174	-32	206	e	23	
24		19	8	-24	-32	-30	-14	67	125	149	195	178	160	128	144	160	150	35	48	160	80	35	72	18	26	-	75	211	-96	307	e	24	
25		48	64	-14	-48	-114	2	-32	-94	-48	-110	-156	8	-595	-485	>-139	-352	-275	-96	51	102	134	147	158	67	-	-	-	-	-	e,r,wind	25	
26		48	16	14	19	16	79	117	174	144	138	144	126	166	179	144	101	96	112	117	128	125	101	96	78	-	101	198	0	198	e	26	
27		75	61	66	40	46	45	16	32	32	93	102	112	115	128	128	125	64	14	2	32	101	112	106	45	-	71	134	-30	164	e	27	
28		-10	-58	-32	-48	-94	-48	-46	-96	-96	-56	-3	14	3	48	62	115	115	112	48	11	64	141	32	19	-	7	150	-240	390	e,m,d	28	
29		10	-26	-5	11	16	32	96	269	336	240	192	155	141	125	128	96	114	125	[297]	342	387	410	291	174	-	162	528	-35	563	e	29	
30		130	99	77	54	56	61	66	187	32	80	141	131	128	85	67	67	-240	-138	-58	-50	-34	-112	-266	-224	-	12	1632	-1296	2928	e,r	30	
A		92	77	79	73	64	76	96	143	161	166	163	157	132	126	132	132	133	118	144	151	161	162	129	99	127							
N		>80	31	25	9	10	<7	14	>83	77	99	102	120	<89	81	>95	78	76	62	82	80	55	87	69	56	65							

Octobre - October

CHAMP ELECTRIQUE ATMOSPHERIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1963
1963 - 602

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		-147	-182	-205	-80	-26	-82	-147	64	218	154	96	132	-38	133	132	106	132	166	317	336	230	58	-125	-137		-	41	456	-1392	1848	e,h,f,r,m	1	
2		-250	5	-48	-163	29	0	77	80	126	155	144	160	166	157	144	125	157	144	130	160	163	126	86	-26		-	77	134	-326	520	e,h,f,m,r	2	
3		-69	-210	-299	-106	-154	-317	-416	-272	-246	-272	-106	-213	-235	-206	32	48	64	80	43	75	6	-96	0	-32		-	-130	826	-1142	1968	e,f,m,r,d	3	
4		-34	-64	-123	-144	-179	-264	-282	-282	0	58	123	112	98	86	80	66	80	64	110	48	64	48	48	54		-	-10	160	-508	662	e,d	4	
5		78	12	12	-24	-18	-54	-48	-77	-3	64	128	147	214	165	143	126	48	-283	1	-166	-208	-365	-256	-160		-	-	-	-	-	e,m,d,l	5	
6		-283	-307	-285	-253	-211	-150	-53	-	-	221	384	256	256	210	266	229	106	-48	-528	-524	16	96	115	138		-	-	-	-	-	-	e,m,r	6
7		112	80	64	48	37	35	80	99	133	160	132	282	224	-147	-123	-256	-224	-134	-126	-93	-35	26	16	32		-	20	352	-416	768	e,r	7	
8		43	40	32	22	19	56	154	234	134	102	13	-48	-59	-83	-115	-13	6	-64	-160	557	13	-82	37	-192		-	<27	1862	<-2400	>4262	e,r	8	
9		-	-	-163	-380	-160	-162	-86	-29	5	-739	-710	-384	-576	-226	-110	-144	-528	-566	-528	-269	-38	34	-38	-26		-	-	-	-	-	-	e,r	9
10		-58	-58	-53	-58	-48	0	38	154	202	210	221	197	176	176	160	106	147	80	96	64	6	3	-13	-37		-	73	259	-86	345	e,r	10	
11		-52	29	19	61	93	99	[125]	74	125	237	227	214	189	155	166	138	141	118	115	202	-35	-102	-29	16		-	98	1104	-2064	3168	e,r	11	
12		64	77	80	51	48	48	64	128	96	106	77	74	75	[98]	80	-106	293	19	-77	0	-90	0	0	13		-	51	1752	-2304	4056	e,r	12	
13		-3	-13	-13	-6	45	82	112	38	107	64	80	112	157	160	150	88	32	16	13	-22	13	0	0	10		-	51	192	-48	240	e,r	13	
14		0	16	16	2	3	70	52	93	158	192	194	232	205	192	189	131	96	56	99	130	122	122	83	37		-	104	256	-26	282	0	14	
15		58	55	54	38	22	48	80	38	128	205	205	507	285	304	310	176	131	96	-16	6	-48	-118	-48	-122		-	90	568	-558	926	e,r,f	15	
16		-163	-32	-29	-24	-16	-10	-14	-63	16	123	176	179	176	160	227	256	166	147	189	154	64	48	45	32		-	73	286	-243	529	e,f,m	16	
17		16	34	48	53	51	3	77	144	147	117	-46	-	-22	-133	-179	-8	-86	-192	-316	-34	-118	-224	-293	-232		-	-	-	-	-	-	e,r,m,f	17
18		-106	-187	-176	-168	-50	-90	-64	77	112	102	112	128	144	157	176	122	106	[751]	[139]	16	22	32	-19	8		-	23	139	-343	438	e,f,m	18	
19		14	-64	-77	-32	-23	13	58	103	96	125	179	155	198	214	194	194	176	112	163	96	-266	-107	-13	29		-	61	224	-774	998	e,r	19	
20		16	26	29	16	19	24	16	21	48	64	80	123	86	-11	-134	-29	5	0	48	80	96	-32	-160	-278		-	6	144	-344	488	e,r	20	
21		-171	-173	-125	-13	56	6	51	-125	[32]	26	128	115	[128]	142	144	26	-112	-35	3	46	-14	-102	-96	-176		-	-10	192	-1200	1392	e,r	21	
22		-130	-75	-51	-208	-211	-144	-26	-83	-13	22	82	208	182	139	130	0	30	48	77	74	96	102	74	35		-	10	256	-885	541	0	22	
23		16	16	14	19	32	32	35	24	13	32	33	61	80	96	96	96	110	123	154	132	109	139	74	-43		-	65	208	-48	256	0	23	
24		-10	0	-19	-22	-10	0	0	6	102	154	174	173	192	192	171	96	37	5	-32	29	22	-37	-32	-32		-	48	216	-126	342	e,h,f,m,f	24	
25		-77	-29	-16	-26	-64	-64	-34	52	272	272	210	171	178	141	109	134	208	155	3	-11	26	48	58	67		-	76	493	-385	778	e,h,f,f,m	25	
26		80	32	16	19	-16	-48	-32	-48	-157	-243	-252	-218	-240	-288	-324	-328	-327	-336	-357	-106	-402	-386	-384	-344		-	-210	99	-672	771	e,m,r,d	26	
27		-244	-277	-176	-118	-64	-32	-32	-8	32	29	85	82	128	189	202	32	112	77	59	80	29	-32	-75	-224		-	-10	256	-448	704	e,m	27	
28		-243	-243	-223	-240	-205	-198	-96	5	51	77	128	195	221	176	128	77	80	38	64	109	70	10	13	-6		-	-12	230	-416	646	e,m	28	
29		43	48	10	0	-16	-54	-176	-128	-134	-102	14	-83	2	-54	141	118	272	163	205	114	96	50	-130	-67		-	20	478	-597	875	e,m,f,d	29	
30		-106	138	294	290	69	2	-50	-209	-134	50	85	110	165	147	142	130	181	176	[109]	88	48	-45	-80	-285		-	56	624	-536	1160	e,f	30	
31		-144	-77	-64	-82	-80	-112	-86	-272	-224	-74	48	131	210	-50	-152	-304	-173	-21	-16	-51	-80	-86	-80	-63		-	-86	368	-602	970	e,f,m,r	31	
A		68	52	90	36	26	52	98	104	150	149	160	183	196	189	181	124	125	80	139	138	107	88	73	65		126							
H		-67	-51	-50	-40	-38	-41	-22	-4	45	56	77	107	97	78	74	46	47	15	-6	<51	2	-38	-43	<-69		<10							

November - November

CHAMP ELECTRIQUE ATMOSPHERIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1903
THOR - GHT

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date		
1		-64	-64	-60	-64	-63	-57	-16	-50	-48	-27	16	2	16	30	54	74	80	99	112	128	99	57	64	32	-	13	131	-448	579	e, r		1		
2		2	-128	-208	-128	-98	-128	-117	-206	-176	-176	-128	-112	-80	-99	-94	-96	-134	-106	-224	-186	-355	-214	-253	-189	-	-172	32	-766	798	e, d, n		2		
3		-128	-104	-64	-96	18	64	-29	144	193	304	288	274	272	304	282	163	128	202	149	96	192	106	50	96	-	121	368	-475	643	b, f, n, hf		3		
4		91	77	86	86	53	50	50	43	8	32	77	98	112	85	86	67	64	30	14	16	19	32	-16	-74	-	90	125	-101	226	e, n, f, hf		4		
5		-96	-94	-142	-18	-32	-32	-32	-2	-16	-51	-54	35	35	48	64	22	91	-43	-144	-149	-91	-43	-86	-144	-	-42	144	-240	384	e, n, f		5		
6		-34	-86	-91	-34	91	48	-96	-48	-96	-48	64	144	160	128	48	30	38	16	24	-96	-67	-130	11	58	-	1	187	-384	971	e, f, n		6		
7		149	208	64	-96	96	72	112	-24	-45	64	48	48	-16	32	-16	32	-16	-2	-91	-16	-78	-48	-70	-32	-	16	480	-352	832	e, f		7		
8		-160	-126	-112	-16	40	50	40	-32	40	-174	-160	-102	-96	-138	-192	-96	0	48	-48	-64	-48	-48	16	-1	-	-98	291	-345	656	e, f, n		8		
9		-16	-16	5	0	2	-2	-19	-144	-16	8	112	198	176	144	154	106	131	61	-22	-16	-90	-110	-16	-34	-	23	269	-320	589	e, f, n		9		
10		29	112	32	-67	-182	-144	-96	86	32	-160	-208	-269	-122	56	-112	206	78	-83	-54	-181	-448	-136	-288	-366	-	-95	592	-768	1360	e, f		10		
11		-274	-368	-480	-234	-269	-324	-218	-128	118	192	-82	96	174	240	288	366	403	365	403	314	234	128	112	125	-	46	445	-1781	2226	e, r, n		11		
12		144	144	189	176	128	144	176	138	192	202	82	144	72	-387	-200	-160	288	-16	8	-112	-61	35	-126	-69	-	55	1632	-1061	2693	e, hf, n		12		
13		-18	34	46	38	2	-32	30	42	96	142	128	122	176	162	112	115	38	-16	-64	-112	-221	-234	-176	-176	-	8	208	-288	496	b, hf		13		
14		-128	-112	-114	-208	-194	-224	-182	-277	-248	-165	-160	-136	-64	16	-2	-96	-131	-189	-192	-176	-59	-128	-139	-139	-	-143	48	-384	432	e, hf, n		14		
15		-144	-174	-192	-176	-142	-157	-126	-142	-118	-118	-168	-80	-80	-112	-240	-256	-224	-208	-160	-203	-267	-365	-381	-208	-	-185	78	-960	638	e, n		15		
16		-280	-256	-295	1	-253	-238	-272	-296	-277	-291	-288	-256	-272	-256	-269	-254	-272	-432	-412	-320	-302	-264	-190	-112	-	-	-	-	-	-	e, n, r		16	
17		-112	-90	-83	-86	-109	-42	-64	-35	48	96	112	96	21	22	-56	-80	-80	-96	-94	-83	-51	48	13	-77	-	-33	128	-840	368	e, n		17		
18		-192	-146	-182	-112	-150	-2	-18	16	-16	133	170	131	160	208	203	176	147	72	51	91	81	16	-93	-144	-	25	240	-624	864	e, f		18		
19		-165	-184	-208	-229	-226	-179	-202	-190	-109	-272	-208	-149	-74	-48	-120	-256	-270	-208	-171	-245	-342	-403	-294	-272	-	-210	85	-621	706	e, f, n		19		
20		-208	-144	-144	-176	-190	-190	-224	-197	-206	-206	-147	-176	-192	-176	-179	-224	-192	-234	-234	-208	-184	-132	-278	-264	-	-195	576	-602	1178	e, r, d, n		20		
21		-293	-256	-315	-272	-333	-288	-272	-192	-112	-259	-528	-128	-64	<211	<-170	-125	-109	-109	-32	<-120	<-330	-186	-240	-253	-	<-233	2304	<-2400	>4704	e, n, r		21		
22		-272	-240	-246	-224	-186	-206	-208	-144	-192	-150	-128	-32	-78	<-230	-104	10	48	26	-19	-176	-290	-274	-539	-429	-	<-169	2352	<-2400	>4752	e, n, wind		22		
23		-720	-1027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e, n, wind		23	
24		64	96	118	96	-22	-64	16	-77	3	88	152	259	429	336	165	144	70	-64	-110	-136	-91	-80	-144	-192	-	44	477	-226	703	b		24		
25		-163	-192	-211	-216	-221	-192	-221	-178	-136	-54	70	146	170	112	96	67	3	-106	-304	-304	-330	-116	-480	-494	-	-148	224	-864	1088	e, hf, n, r		25		
26		-778	-826	-320	-211	-240	-240	-277	-272	-256	-269	-432	-528	-739	-768	-664	-624	-576	-557	-674	-600	-456	-432	-208	-288	-	-476	2	-1387	1389	e, n, r		26		
27		-788	-245	-490	-576	-768	-720	-216	-99	-80	-	-240	-384	-504	-112	-48	0	0	10	29	16	32	-22	-11	6	-	-	-	-	-	-	-	e, r		27
28		67	62	42	29	16	16	30	50	64	0	-48	-101	-48	-109	-288	-128	-192	-336	-144	-157	-304	-216	-	-275	-	-	-	-	-	-	-	e, r, n		28
29		-160	-158	-192	-176	-66	-112	-88	-48	-32	-32	64	64	144	157	165	160	248	147	176	270	368	280	272	304	-	73	397	-510	907	e, g		29		
30		36	160	64	-2	1	45	-86	-64	19	-88	-29	-32	-32	-34	35	32	-2	112	35	-5	3	22	32	86	-	15	253	-466	719	e, n		30		
A		118	106	131	131	128	144	176	138	144	153	139	175	209	207	176	172	197	284	298	249	252	157	116	126	-	173								
H		-136	<-139	-121	-107	-114	-127	-108	-87	-49	-45	-50	-13	-2	<11	<-50	-12	-10	-53	-62	<-92	<-114	-95	-109	-112	-	<-75								

Membre - December

CHAMP ELECTRIQUE ATMOSPHERIQUE [V/m]
ELECTRIC FIELD STATION [V/m]

1983
1983 - 002

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	B	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
1		58	35	64	67	80	96	115	130	150	176	69	51	32	-8	114	205	320	80	-16	-53	-13	16	61	69	-	79	469	-86	555	o	1	
2		96	110	144	150	227	240	219	282	270	264	270	219	272	307	416	546	426	243	202	419	-53	120	80	205	-	236	752	-275	1027	o,n	2	
3		221	226	64	211	310	184	107	162	48	-40	114	192	202	294	272	219	-16	-131	-94	-67	32	-22	-102	-50	-	103	531	-288	819	o,hf	3	
4		22	-93	-80	-48	-70	-48	-19	-16	16	6	104	202	274	466	502	429	230	410	206	301	400	251	139	-16	-	159	611	-210	821	o,hf	4	
5		-96	-32	-89	-90	-110	-99	-45	-59	6	122	192	242	200	251	96	32	3	0	-3	-30	19	16	16	-3	-	25	317	-194	511	o,hf	5	
6		-53	-51	-16	16	22	-29	-64	32	67	147	160	182	106	-48	50	99	120	51	-144	-250	-360	-293	-317	-432	-	-44	322	-752	1074	o,m,f,d,s	6	
7		-401	-304	-350	-336	-322	-293	-270	-336	-414	-395	-200	-99	45	40	-43	-141	-123	-210	-307	-262	-210	-180	-110	-120	-	-230	112	-603	715	o,f,s	7	
8		-80	109	-112	-153	-80	-29	16	90	104	302	-141	18	30	51	147	-109	-206	-410	-205	-131	-210	-201	-272	-264	-	-63	520	-640	1160	o	8	
9		-237	-129	-160	-176	-141	-160	-155	-224	-224	-224	-155	131	120	110	102	164	211	320	179	-16	-316	-269	-224	-24	-	-64	352	-490	850	o,hf,s	9	
10		-83	-530	-461	-437	-270	-163	-134	-70	-40	-59	-19	-205	-426	-816	-760	-579	-490	-445	-290	-104	-192	-210	-163	-336	-	-307	80	-1003	1003	o,s,r	10	
11		-542	-413	-350	-930	-54	-19	64	64	34	112	221	314	352	437	352	347	206	06	162	160	64	59	-16	-96	-	33	494	-1997	2491	o,s	11	
12		-265	-157	-149	-96	-64	-107	-224	-227	-144	-32	-19	-53	-80	-82	-106	117	-64	74	90	-42	-50	-93	-85	-43	-	-84	405	-1042	1447	o,s,g	12	
13		50	10	-19	-80	-170	-43	10	40	0	-3	5	51	166	270	307	366	291	261	256	227	93	245	(144)	-	-	-	-	-	-	-	o,hf,m	13
14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	b	14
15		-28	67	104	122	120	104	-32	64	136	112	176	266	304	411	416	571	507	275	360	336	296	101	176	304	-	221	710	-64	774	b	15	
16		304	309	336	325	270	205	426	563	504	504	522	770	792	826	816	760	507	442	402	216	144	96	11	0	-	430	869	-48	917	b	16	
17		-32	-96	-92	-96	-144	-144	-34	-60	27	110	-96	-74	-37	90	110	90	62	18	82	37	-2	-40	-67	-67	-	-19	165	-211	376	o	17	
18		-82	-80	-96	-83	-112	-130	-144	-91	-40	-30	-43	-40	-67	-77	-40	-29	-96	-80	-96	-96	-77	-237	-629	-226	-	-118	82	-2150	2232	o,r	18	
19		-110	-513	-703	-110	-91	-32	11	66	232	325	394	419	304	374	302	309	354	360	403	354	304	250	214	102	-	177	1534	-2213	3749	o,m,r	19	
20		144	115	123	96	80	42	45	40	96	51	-40	11	126	224	109	157	112	200	173	165	48	14	0	-16	-	89	205	-149	434	o,r,m	20	
21		-13	-40	-122	-264	-230	-223	-102	-114	-75	-147	-93	-64	-34	30	80	-43	74	202	227	333	346	210	104	93	-	5	541	-480	1021	o,f,m	21	
22		-42	74	70	75	96	-76	-61	-134	-122	-61	-165	-5	-8	-157	-224	-166	-259	-90	-370	-90	-170	-104	96	3	-	-74	165	-560	725	o,r,m,f	22	
23		-26	30	160	342	272	264	-80	-96	-130	-350	-240	-93	45	19	-22	-7	54	80	131	134	-152	-106	-140	-110	-	-19	496	-1507	2003	o,f,m,r	23	
24		-174	-230	-200	-237	-240	-162	-176	-102	-170	-67	14	122	250	274	294	307	400	448	225	262	100	80	-35	-157	-	41	560	-605	1165	o,r	24	
25		-336	-730	-310	-555	-576	-333	-302	-200	-147	-147	-176	-144	-157	-13	-61	-226	-230	-307	-603	-403	-210	-192	-250	-365	-	-300	797	<-2400	>3197	o,r,d,m,f	25	
26		-104	32	-96	0	70	-63	-566	-466	-5	-79	-200	-403	34	40	96	144	131	-45	170	-93	-422	-112	-104	-114	-	-91	304	-1307	1691	o,r,m,f	26	
27		-413	-215	-66	-76	-157	-6	-19	99	131	40	102	224	227	173	179	214	205	201	256	256	26	-705	-554	-	32	320	-950	1270	o,r,wind	27		
28		-502	-376	-349	-206	-200	-224	-315	-317	-157	-70	-16	-80	-64	-81	-214	-253	-190	-59	-422	-403	-422	-662	-610	-	-300	13	-1820	1933	o,r,wind	28		
29		-155	64	120	147	160	106	223	224	-553	266	270	240	240	214	195	166	144	83	50	62	126	131	77	82	-	151	280	-434	714	o,r,wind	29	
30		80	43	-29	-37	-66	22	-102	-179	-176	-32	6	37	34	46	172	8	266	237	<-40	<-324	133	192	103	131	-	-24	2256	<-2400	>4656	o,r	30	
31		112	102	96	70	51	85	99	115	112	123	112	80	96	-16	16	20	63	93	64	10	0	-40	-266	-210	-	41	144	-318	662	o,r,wind	31	
A		197	147	170	240	270	285	426	339	226	220	264	200	314	355	336	372	361	316	295	266	220	192	146	195	-	702						
B		-80	<-93	-83	-75	-49	-27	-53	-23	21	31	32	81	121	126	123	114	102	82	<30	<23	-17	-20	-73	-100	-	48						

Janvier - January

CONDUCTIVITE D'AIR (POSITIVE) $\times 10^{-15}$ [$\Omega^{-1} m^{-1}$]
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ [$\Omega^{-1} m^{-1}$]

1983
1983r - 882

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1	2.4	(1.7)	1.6	1.9	1.7	1.8	1.7	1.6	1.6	1.7	1.7	1.8	1.7	1.8	1.8	1.4	1.6	1.6	1.7	1.7	1.6	1.9	2.3	2.1		-	1.7	2.4	1.2	1.2	o, f, m, g	1	
2	1.8	1.8	2.0	2.1	2.1	2.1	2.1	2.2	2.3	2.3	2.3	2.1	2.3	1.8	1.8	1.9	2.3	2.4	2.5	2.7	3.2	3.3	3.7	3.8		-	2.4	4.0	1.6	2.4	o, m, g, s	2	
3	4.1	4.0	4.0	3.8	3.9	3.6	3.1	2.7	2.5	2.6	2.7	3.0	3.2	3.2	3.2	2.7	2.1	2.4	2.0	1.8	2.1	2.1	2.4	2.6		-	2.9	4.6	1.6	3.0	o, g	3	
4	3.0	3.0	2.8	2.8	2.5	2.4	2.1	2.4	1.9	1.7	1.9	1.7	1.6	1.6	1.8	1.7	2.1	2.5	2.7	2.8	3.5	4.4	3.5	3.0		-	2.5	4.9	2.4	3.5	o, m, f, r, s, d, wind	4	
5	3.9	6.1	6.0	4.6	3.8	3.8	4.8	3.0	4.5	4.3	4.0	3.8	3.6	3.3	3.2	3.1	2.6	2.6	2.3	2.0	1.6	1.6	1.7	1.6		-	3.6	7.2	1.1	6.1	o, r, hf, wind	5	
6	1.4	1.6	1.8	2.0	2.0	1.4	1.4	1.3	1.3	1.7	1.7	1.8	1.4	1.4	1.5	2.0	2.0	(1.9)	2.2	2.6	2.6	2.4	1.8	1.7		-	1.8	2.8	1.1	1.7	o, hf, d, m, f	6	
7	1.9	2.1	2.2	2.1	2.3	2.3	2.0	1.7	2.0	2.0	2.7	3.4	3.4	2.8	2.7	2.9	3.3	3.4	3.4	3.7	2.9	2.7	2.7	2.3		-	2.6	4.8	1.3	3.5	o, r	7	
8	2.5	2.9	2.4	2.8	3.4	3.4	3.5	3.3	3.3	3.3	3.4	3.2	3.3	3.0	3.0	3.2	2.9	2.7	2.6	2.9	3.1	3.4	3.4	3.5		-	3.1	3.9	2.4	1.5	o, d, r	8	
9	3.9	4.0	4.9	3.9	6.1	5.8	5.4	4.2	4.0	3.3	3.3	3.0	2.9	2.9	3.2	3.3	3.3	3.3	2.9	2.7	2.8	3.0	3.3	3.2		-	3.8	6.7	2.3	4.4	o, r, wind	9	
10	3.6	4.3	3.9	4.7	4.9	5.4	4.8	4.5	4.2	4.2	4.1	3.4	3.4	3.4	3.3	3.4	3.3	3.6	3.7	3.6	3.7	3.7	3.7	3.9		-	3.9	6.4	2.7	3.7	o, r, wind	10	
11	4.2	4.3	4.3	4.5	4.3	3.6	3.2	3.0	2.7	2.4	2.6	2.6	2.6	2.6	1.7	2.1	2.3	2.2	2.1	2.1	2.6	2.9	2.9	3.1		-	3.0	5.0	1.4	3.6	o, r, d, m, wind	11	
12	3.7	3.8	3.9	4.3	4.0	3.5	3.3	3.1	2.7	2.7	3.0	4.0	3.0	2.0	1.6	1.2	1.2	1.1	1.4	1.5	2.0	2.3	3.2		-	2.7	4.8	1.0	3.8	o, hf	12		
13	2.9	2.9	2.9	3.3	2.9	2.6	2.7	2.6	2.4	2.8	2.7	2.8	2.9	2.6	2.1	1.8	1.4	1.7	1.6	1.6	1.8	2.3	2.7	3.2		-	2.4	3.7	1.1	2.6	o, hf	13	
14	3.9	4.3	4.3	4.0	4.0	4.0	3.9	3.7	4.7	4.9	3.0	4.0	3.4	3.3	3.5	3.7	3.5	3.0	3.1	3.6	3.6	3.3	3.3	3.2		-	3.7	5.4	2.7	2.9	o, d, r, s	14	
15	2.9	2.6	2.8	3.3	3.4	3.5	3.0	2.3	2.3	1.9	2.1	2.1	2.0	1.9	2.1	2.1	2.6	3.1	3.0	2.9	2.7	3.0	3.3	3.6		-	2.7	3.8	1.7	2.1	o, s	15	
16	3.9	4.1	3.7	4.6	3.4	2.7	2.9	3.0	2.5	2.3	2.3	2.7	2.7	2.9	2.9	2.5	2.0	2.1	2.0	2.3	3.6	4.0	3.6	4.1		-	3.0	4.1	1.7	4.4	o, s	16	
17	4.7	5.2	5.7	4.2	3.1	2.9	3.8	(2.3)	2.6	2.6	2.1	2.0	2.0	2.1	2.5	2.2	2.5	3.7	4.6	4.9	3.4	2.7	2.9	6.0		-	3.4	6.5	1.7	4.8	o, s, r	17	
18	6.1	5.2	4.7	4.6	4.1	4.2	3.6	3.5	3.6	4.0	4.3	5.3	-	-	(4.7)	5.4	5.2	5.1	3.6	3.7	5.5	5.8	5.9	6.3		-	-	-	-	-	o, r, s, l, wind	18	
19	6.9	6.6	6.3	6.6	6.6	6.3	(7.3)	-	-	5.1	5.0	4.9	5.3	5.1	5.2	3.3	3.6	4.6	4.4	5.9	4.3	4.3	4.6	5.5		-	-	-	-	-	-	o, s, wind	19
20	5.4	6.5	6.2	6.2	5.6	4.9	4.2	3.7	3.4	3.2	3.3	3.4	3.8	4.1	3.8	3.9	3.2	3.2	3.3	2.7	2.3	2.1	2.7	2.8		-	3.9	13.6	2.1	11.5	o, s, wind	20	
21	3.0	3.8	3.5	3.7	3.0	2.6	2.9	2.3	2.1	2.9	3.0	2.9	2.6	2.7	2.7	2.7	2.7	2.7	3.0	3.2	3.5	4.0	4.8	4.8		-	3.1	5.3	1.9	3.4	o, s, r, wind	21	
22	5.0	5.0	5.5	4.3	4.3	4.2	3.4	3.2	3.0	3.0	2.7	3.3	3.0	3.1	3.2	3.3	3.3	3.6	3.7	4.1	4.0	4.4	4.8	5.6		-	3.9	6.2	2.4	3.8	o, r, d, wind	22	
23	3.8	5.7	5.4	5.2	4.8	4.8	(4.7)	4.6	4.0	3.6	3.8	4.0	3.9	3.7	3.7	3.2	3.2	3.6	3.6	3.7	3.9	4.2	4.0	4.3		-	4.2	4.5	2.8	3.7	o, d, r	23	
24	3.9	4.5	4.0	4.6	3.6	4.0	2.9	2.3	2.1	2.1	2.7	3.1	3.3	3.1	2.5	3.4	1.5	1.6	2.1	2.1	2.8	3.6	4.1	3.9		-	3.0	5.2	1.2	4.0	o, r, d, s, m, f	24	
25	5.2	5.6	6.5	6.0	5.4	4.2	4.0	3.1	3.0	2.4	2.4	2.4	2.4	2.5	2.1	2.0	1.9	2.5	2.8	3.0	2.6	2.4	2.5	2.5		-	3.3	6.9	1.7	5.2	o, r	25	
26	2.5	2.4	2.3	2.6	2.7	2.7	3.3	3.4	3.7	3.9	3.6	3.9	3.6	3.3	3.3	3.3	3.3	3.7	3.4	3.4	3.3	3.3	3.5	3.4		-	3.1	4.1	2.2	3.9	o, d, r, wind	26	
27	3.4	3.4	3.3	3.3	3.7	3.6	3.7	3.8	3.2	3.7	4.0	3.6	3.4	3.4	3.6	3.3	3.4	3.6	3.9	4.0	4.3	4.3	4.8	4.9		-	3.7	5.8	2.9	2.9	o, r, wind	27	
28	2.4	2.5	3.2	2.5	2.2	2.5	3.5	3.5	4.9	5.0	4.8	4.8	4.6	4.4	3.6	3.7	4.0	3.9	3.5	3.3	3.7	3.0	3.1		-	5.1	8.8	2.1	6.7	o, r, wind	28		
29	2.7	2.5	2.4	2.7	2.9	2.9	3.3	2.7	2.9	3.3	3.3	3.6	4.8	4.9	5.6	5.7	5.6	5.3	5.3	5.6	5.0	5.5	5.4	5.5		-	4.2	6.3	2.0	4.3	o, r	29	
30	3.1	4.9	5.0	5.3	5.5	3.7	3.0	4.9	4.2	3.6	3.3	3.3	3.3	2.9	2.4	2.1	1.8	2.0	2.0	2.2	2.4	2.3	3.0	3.6		-	3.6	6.2	1.6	4.6	o, r	30	
31	4.3	3.7	3.0	3.0	4.8	6.1	5.3	4.8	4.5	3.4	3.7	3.6	3.7	3.3	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	o, r, s	31
A	4.0	4.9	3.0	5.3	5.5	-	-	-	-	2.0	3.0	3.0	3.1	2.7	2.4	2.2	1.9	2.1	3.2	3.5	3.0	3.4	3.6	4.2		3.1							
H	3.9	4.1	4.0	4.1	4.0	3.9	3.7	3.2	3.1	3.1	3.1	3.2	3.1	3.0	3.0	2.8	2.8	3.0	3.0	3.2	3.1	3.3	3.4	3.7		3.4							

A - Valeur moyenne pour les périodes du "bon temps". Mean values for the "fair weather".

H - Valeur moyenne pour tous les jours. Mean values for all days.

Février - February

 COEFFICIENT D'AIR (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)
 AIR COEFFICIENT (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)
1983
MMV - MMV

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1	-	-	-	-	-	-	[2.4]	2.1	2.1	2.2	2.3	2.3	2.3	2.4	2.5	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	-	-	-	-	-	o,r,s,wind	1	
2	6.1	6.2	6.2	6.3	6.3	5.3	4.7	4.7	4.6	[4.2]	4.0	3.2	3.2	3.2	3.2	3.4	3.0	3.6	4.2	-	-	-	-	-	5.3	6.4	-	-	-	-	o,r,s,wind	2	
3	6.7	6.9	7.3	5.2	4.0	5.4	3.9	3.7	3.5	3.1	3.3	[2.7]	2.7	2.7	2.6	2.4	2.6	1.8	1.9	2.0	2.3	2.7	3.0	4.1	-	-	3.6	8.8	1.5	7.3	o,r	3	
4	4.2	4.0	3.7	4.2	4.8	3.8	3.4	3.0	2.6	2.9	3.0	2.5	2.3	2.5	2.2	1.7	1.4	2.1	1.9	2.0	2.2	2.3	2.4	2.5	-	-	2.8	5.6	1.3	4.3	o,r	4	
5	3.0	3.5	3.9	2.4	2.3	3.0	2.9	2.6	2.1	2.2	2.5	2.5	2.4	2.3	2.4	1.6	1.4	1.0	1.9	1.8	1.8	2.0	2.3	2.6	-	-	2.4	5.5	1.2	4.3	o,r	5	
6	2.9	3.2	3.2	3.2	3.0	3.0	3.0	2.6	2.8	2.7	2.6	2.4	2.3	2.5	2.6	2.4	2.7	2.7	2.4	2.6	2.9	3.3	3.3	3.2	-	-	2.8	3.7	2.1	1.6	o,r	6	
7	3.7	4.1	4.2	4.1	4.4	4.5	4.0	3.7	3.7	3.4	3.6	3.4	3.3	3.9	3.0	2.9	2.7	2.7	2.3	2.3	2.3	1.8	2.1	2.0	-	-	3.2	4.8	1.7	3.1	o,r	7	
8	2.1	2.4	2.7	2.6	2.1	1.8	1.5	1.4	1.4	1.4	1.7	1.7	1.6	1.8	1.7	1.3	1.3	1.1	1.1	1.4	1.3	1.6	1.6	1.3	-	-	1.7	3.2	1.0	2.2	o,r,s	8	
9	1.4	1.7	1.8	1.7	1.7	1.6	1.6	1.7	1.6	1.7	1.9	2.1	2.3	1.8	1.8	1.2	1.0	0.8	0.8	0.7	0.8	0.9	1.2	1.5	-	-	1.5	3.0	0.6	2.4	o,r	9	
10	1.6	2.0	2.5	3.1	2.9	2.7	2.4	2.2	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.0	1.6	1.6	1.6	1.8	1.8	2.0	2.4	2.6	-	-	2.2	4.8	1.4	3.4	o,r	10	
11	2.6	2.7	2.9	3.6	3.4	2.4	3.0	3.4	3.0	2.3	2.1	2.3	1.8	2.0	1.7	1.7	1.2	1.1	1.7	1.6	1.7	2.6	2.1	2.6	-	-	2.3	4.4	1.0	3.4	o,r,s,r	11	
12	3.7	3.8	3.7	3.9	4.1	4.2	4.1	3.7	3.3	2.5	2.7	3.1	2.3	2.3	2.7	2.7	2.0	1.8	2.2	2.4	2.5	2.4	2.6	2.6	-	-	3.0	5.2	1.4	3.8	o,m,r,s,g	12	
13	2.7	3.1	3.3	3.4	3.6	3.4	3.0	2.4	2.1	2.2	2.6	2.6	2.9	2.9	2.4	2.6	2.3	1.7	1.4	1.3	1.3	1.5	1.6	1.4	1.3	-	-	2.3	4.2	1.1	3.1	o,r	13
14	1.2	1.1	1.1	1.6	1.4	1.3	1.1	0.9	1.1	1.4	2.2	2.0	2.6	2.0	1.8	1.1	0.8	0.7	0.8	(0.9)	3.3	3.1	4.4	4.5	-	-	1.8	5.5	0.7	4.8	o,hf,s,m	14	
15	4.0	4.0	3.0	2.9	2.9	2.4	1.9	1.8	2.0	2.1	2.4	2.6	2.4	2.4	2.1	1.6	1.3	0.0	0.0	0.9	1.0	1.0	1.0	1.1	-	-	2.0	6.5	0.7	5.6	b,hf	15	
16	1.2	1.1	1.1	1.3	1.4	1.3	1.3	1.3	1.3	1.6	1.6	1.7	1.6	1.6	2.3	2.5	2.1	2.2	1.6	1.1	-	-	-	-	-	-	-	-	-	-	-	o,hf,s	16
17	-	-	-	-	-	-	-	2.3	2.7	3.0	[2.6]	2.7	2.7	2.4	2.0	1.1	1.3	1.6	1.6	2.0	2.7	2.9	3.0	3.3	-	-	-	-	-	-	-	o,hf	17
18	3.2	3.8	3.9	4.0	3.7	2.9	2.4	2.9	3.3	4.2	4.0	4.3	4.2	3.9	4.1	3.3	2.3	1.8	1.4	1.4	1.3	1.4	1.6	1.6	-	-	3.0	6.1	1.1	5.0	o,hf,g	18	
19	1.5	1.3	1.3	1.3	1.5	1.6	1.6	1.2	1.6	1.9	1.9	[1.7]	1.6	1.4	1.7	1.5	1.6	1.6	1.4	1.2	1.3	1.3	1.6	1.7	-	-	1.5	2.2	1.1	1.1	o,g,m	19	
20	1.6	1.6	1.4	1.5	1.5	1.4	1.4	1.8	2.0	2.1	2.4	2.4	2.0	1.9	1.5	1.7	2.0	2.0	1.8	1.7	1.7	1.6	1.8	2.0	-	-	1.8	2.7	1.3	1.4	o,m,s	20	
21	2.0	2.1	2.2	2.4	2.4	2.2	1.9	1.7	1.2	4.7	4.7	3.9	4.0	4.7	4.1	3.3	3.7	3.3	3.4	3.5	3.2	2.4	1.7	2.5	-	-	3.1	7.9	1.6	6.3	o,r,wind	21	
22	1.9	2.6	2.2	2.0	2.2	1.8	1.5	1.6	2.5	2.7	2.4	2.9	2.8	2.5	1.8	1.6	1.6	1.6	1.3	1.3	1.7	1.7	1.8	1.8	-	-	2.0	3.8	1.2	2.6	o,hf,s	22	
23	1.8	1.9	2.0	1.9	1.7	1.6	1.6	1.4	1.4	1.5	1.6	1.5	1.6	1.6	1.4	1.7	1.3	1.3	1.1	1.1	1.2	1.3	1.4	-	-	1.5	2.3	1.1	1.2	o,r	23		
24	1.3	1.2	0.9	1.0	1.2	1.1	1.3	1.7	1.7	1.7	2.1	2.2	2.3	2.0	2.3	1.9	2.2	2.3	2.3	2.1	2.2	1.8	1.7	1.6	-	-	1.8	3.0	0.7	2.3	o,r,s,m,hf	24	
25	1.6	1.1	1.2	1.0	1.1	1.2	1.2	1.0	1.6	1.7	1.9	1.8	2.0	2.1	1.9	1.8	1.1	0.0	1.2	1.0	1.0	0.9	1.0	1.1	-	-	1.4	2.2	0.7	1.5	o,hf,m	25	
26	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.6	1.7	1.8	1.8	1.8	1.6	1.5	1.3	1.0	1.1	1.3	1.5	1.7	1.3	-	-	1.4	2.0	0.9	1.1	b,hf,m	26	
27	1.8	1.9	2.0	1.8	1.8	1.6	1.5	1.4	1.1	1.0	0.9	0.8	1.0	1.3	1.1	1.0	1.2	1.3	1.3	1.3	1.3	1.2	1.0	1.0	-	-	1.3	2.1	0.7	1.4	o,r,s,r,g	27	
28	0.3	1.1	1.4	1.2	1.3	1.6	1.3	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.3	1.3	1.4	1.5	1.5	-	-	1.3	1.7	0.7	1.0	o,hf	28	
A	2.9	3.5	3.4	3.2	3.1	2.9	2.6	2.6	2.6	2.3	2.3	2.3	2.3	2.2	1.9	1.6	2.0	2.0	1.8	1.8	2.0	2.2	2.1	2.3	-	-	2.3	-	-	-	-	-	
N	2.5	2.7	2.7	2.7	2.6	2.5	2.3	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.0	1.8	1.7	1.7	1.8	1.9	2.0	2.3	2.5	-	-	2.3	-	-	-	-	-

Mar - March

CONDUCTIBILITE D'AIR (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)

1993
THER - 007

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date		
1		1.5	1.6	1.6	1.4	1.6	1.6	1.5	1.3	1.5	1.6	1.7	1.6	1.7	1.7	1.6	1.5	1.5	1.7	1.7	1.7	1.8	1.8	2.0	2.0		-	1.6	2.1	1.3	0.8	o,f,m,d,r,s,g	1		
2		2.3	2.3	2.4	2.4	2.5	2.2	2.0	2.1	2.3	2.1	2.0	2.2	2.3	2.6	2.4	2.1	1.7	1.4	1.4	1.5	1.6	1.6	1.6	1.7		-	2.0	3.4	1.3	2.1	o	2		
3		1.7	1.8	1.8	1.6	1.6	1.4	1.4	1.6	2.0	2.3	2.2	2.3	2.4	2.6	1.8	2.0	1.8	1.5	1.6	1.8	2.3	3.0	3.1	3.8		-	2.1	4.6	1.2	3.4	o,s	3		
4		1.6	4.2	4.2	4.3	3.2	2.0	1.5	1.6	1.4	1.6	1.8	1.9	1.8	1.7	1.8	2.2	2.0	1.9	2.0	1.9	1.6	1.5	1.4	1.6		-	2.2	5.2	1.2	4.0	o,g	4		
5		1.7	1.9	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.7	2.0	2.1	2.3	2.3	2.0	2.2	1.9	2.3	2.3	2.0	1.6	1.5	1.5		-	2.0	2.4	1.4	1.0	o,s,g,r,m	5			
6		1.8	2.1	2.4	2.7	3.2	-	3.4	3.5	3.5	3.5	3.6	3.3	2.8	2.9	3.4	3.7	3.3	3.3	3.2	4.3	4.0	5.2	6.4	6.2		-	-	-	-	-	o,m,r	6		
7		5.1	5.8	5.2	5.2	5.3	5.0	5.2	5.3	4.8	5.3	5.9	5.6	5.2	4.6	5.4	3.4	4.1	3.9	3.7	3.0	3.3	3.6	3.6	4.1		-	4.8	6.4	2.7	3.7	o,r,wind	7		
8		4.4	4.5	4.3	4.5	3.7	3.0	3.0	2.7	2.7	-	3.2	3.2	3.6	4.6	3.9	3.3	2.3	2.0	3.3	3.3	3.2	3.0	2.9		-	-	-	-	-	-	o,s,r	8		
9		3.0	3.4	3.3	3.2	3.6	3.4	2.9	2.6	2.3	2.2	2.3	2.2	2.3	2.2	2.3	2.8	2.9	2.7	2.9	2.9	2.8	2.9	3.0	3.1		-	2.8	3.9	1.7	2.2	o,r,wind	9		
10		3.5	3.7	3.3	3.7	3.3	3.4	3.7	3.4	3.3	3.6	3.8	3.6	3.2	3.2	4.0	4.7	4.1	4.2	3.9	3.2	3.4	2.7	2.4	2.6		-	3.4	4.9	2.2	2.7	o,r,wind	10		
11		2.7	3.4	3.7	3.5	3.6	3.7	3.4	-	5.6	5.4	4.7	4.6	6.5	6.5	4.9	3.2	4.3	4.2	4.1	4.5	3.5	5.5	6.1	7.0		-	-	-	-	-	o,m,r,b,t,g,s,wind	11		
12		7.8	8.2	7.5	5.5	4.2	3.7	4.1	4.8	4.5	4.1	4.1	3.4	3.4	3.5	3.0	3.5	2.9	2.0	1.8	1.7	1.5	1.4	1.3	1.3		3.7	3.7	9.3	1.1	8.2	b	12		
13		1.4	1.1	1.0	1.0	1.2	1.3	1.3	1.7	3.1	4.9	4.1	-	3.2	3.0	3.0	3.0	2.5	1.4	1.1	1.7	1.9	1.8	2.1	2.5		-	-	-	-	-	o,m,hf	13		
14		2.6	2.5	2.6	2.4	2.6	2.3	2.2	2.3	2.4	2.6	2.7	2.6	2.4	2.4	2.4	2.0	1.9	1.4	1.5	1.7	1.8	2.0	2.2	2.3		2.2	2.2	2.9	1.3	1.6	o,hf	14		
15		2.4	2.4	2.5	2.5	2.6	2.5	2.5	2.6	2.7	2.8	2.9	2.9	2.9	2.7	2.5	2.3	1.8	1.8	2.3	2.4	2.7	2.6	2.8		2.5	2.5	3.2	1.5	1.7	o,hf	15			
16		2.7	2.9	2.9	2.8	2.7	2.1	2.0	2.2	2.3	2.4	2.7	2.8	3.0	2.8	3.2	2.9	2.1	1.4	2.0	1.1	0.8	1.0	1.1	1.1		-	2.2	3.4	0.7	2.7	o	16		
17		1.7	1.9	2.1	2.0	1.9	2.3	2.3	3.0	3.6	2.9	2.6	3.1	3.2	3.6	3.6	3.3	2.7	3.4	1.0	1.0	0.7	0.7	0.7	0.8		-	2.2	4.4	0.6	3.8	o,m,f	17		
18		1.3	1.4	1.8	2.1	1.9	1.8	1.9	1.9	2.0	2.0	1.9	2.0	2.0	2.1	2.1	2.0	2.0	1.7	1.7	1.7	1.7	1.8	1.7		-	1.9	2.3	1.1	1.2	o,f,m,d	18			
19		1.7	1.8	2.1	2.7	2.7	2.3	2.5	2.6	2.7	-	-	3.7	3.8	4.3	4.0	3.0	2.1	1.5	1.1	1.1	0.9	1.0	0.9		-	-	-	-	-	-	o,f,d,r	19		
20		1.0	1.1	1.1	1.1	1.5	2.0	1.7	1.7	1.9	1.8	2.4	2.8	3.6	3.1	2.1	2.4	2.1	1.6	1.8	2.1	2.7	2.5	2.6	2.6		-	2.1	4.7	0.8	3.9	o,f,m,r	20		
21		2.1	2.0	2.3	2.8	2.7	2.0	1.8	2.3	2.8	3.1	3.5	3.2	3.2	3.6	3.4	2.7	1.9	2.4	2.6	2.6	2.0	2.0	2.2	2.4		-	2.6	4.0	1.6	2.4	o,f,m,r	21		
22		2.5	2.4	2.5	2.3	2.9	2.9	3.4	5.3	4.9	5.2	4.6	3.6	3.8	3.9	3.6	3.3	2.9	2.8	2.3	3.7	4.4	4.3	3.9		-	3.6	6.3	2.2	4.1	o,f,r,g	22			
23		3.8	3.7	3.9	4.0	3.6	3.9	3.3	4.4	4.3	4.5	4.8	4.7	4.0	3.9	4.2	4.6	4.8	3.4	3.3	3.6	3.0	2.5	2.5		-	3.9	9.6	2.2	7.4	o,s,g,r,wind	23			
24		2.6	2.6	2.7	2.4	2.9	2.8	2.9	3.1	2.8	2.9	-	3.4	3.4	3.0	3.1	2.7	2.3	2.1	2.3	-	-	-	-		-	-	-	-	-	-	o	24		
25		-	-	-	-	-	-	-	-	-	-	-	2.7	2.6	2.4	2.6	2.3	2.1	2.7	2.7	2.6	2.4	3.0	2.6	2.7	2.6	2.6		-	-	-	-	-	o,m,f,r	25
26		2.5	3.0	2.9	2.3	2.0	1.8	2.8	2.0	2.1	2.9	2.5	2.7	2.9	2.7	2.5	3.2	2.2	1.9	2.4	3.8	4.6	5.1	3.8	2.9		-	2.8	5.9	1.6	4.3	o,m,r	26		
27		3.6	2.6	2.6	3.3	3.0	2.7	2.9	2.1	2.4	2.9	3.2	3.4	3.8	3.9	4.0	3.2	3.5	2.6	1.6	1.0	0.8	1.0	1.1	0.9		-	2.6	5.0	0.7	4.3	o,s	27		
28		1.0	1.2	1.5	1.5	1.2	1.5	1.5	3.0	4.0	4.2	4.9	5.1	4.9	5.1	4.8	4.3	2.9	2.0	1.4	1.4	1.5	1.7	1.6	1.3		-	2.6	6.0	0.9	5.1	o,hf	28		
29		1.7	1.7	2.5	2.7	2.4	2.2	2.4	2.5	2.6	2.8	2.7	2.8	3.1	2.6	2.5	3.9	3.6	1.6	1.6	1.7	1.6	1.8	1.9	2.8		-	2.2	3.3	1.3	2.0	o,hf,m,r	29		
30		2.3	2.8	2.3	2.3	2.3	2.4	2.1	2.0	2.2	2.3	2.2	2.2	2.4	2.3	2.3	1.8	1.8	1.6	1.4	2.0	2.2	2.1	1.8		-	2.1	3.4	1.3	2.1	o,m,r	30			
31		1.6	1.6	1.6	1.7	1.4	1.5	1.8	2.3	2.6	2.9	2.9	3.0	3.1	2.9	2.7	2.9	2.5	1.8	1.5	1.6	2.7	3.3	2.7	3.0		-	2.3	3.7	1.4	2.3	o,f,m	31		
A		2.9	3.2	3.2	2.8	2.7	2.4	2.7	2.9	2.9	3.4	3.3	2.9	2.9	2.8	2.7	2.5	2.6	2.0	1.7	1.6	2.3	2.4	2.3	3.0		2.6								
H		2.6	2.7	2.7	2.7	2.6	2.5	2.5	2.7	2.9	3.1	3.1	3.1	3.2	3.2	3.1	3.0	2.6	2.3	2.2	2.3	2.4	2.5	2.5	2.5		2.7								

Avril - April

CONDUCTIVITE D'AIR (POSITIVE) $\times 10^{-15} [\Omega^{-1} m^{-1}]$
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15} [\Omega^{-1} m^{-1}]$

1963
ENR - GRT

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		3.4	(3.4)	3.3	3.2	3.2	2.9	2.8	2.7	3.3	3.3	3.5	3.7	3.6	3.4	3.2	3.4	3.2	2.7	2.3	2.8	2.9	3.1	3.3	3.4		-	3.2	4.2	2.1	2.1	o,r	1	
2		3.4	3.6	4.1	3.8	3.3	3.4	3.0	3.2	3.4	3.4	3.4	3.6	3.6	3.4	3.5	3.4	3.6	2.4	2.0	2.7	3.1	3.0	3.4	3.3		-	3.3	4.2	1.7	2.5	o,r	2	
3		2.9	3.3	4.5	4.4	4.2	3.8	4.4	4.6	4.3	4.8	4.2	4.3	4.2	4.5	3.0	3.7	4.2	3.9	3.4	4.3	3.9	2.6	2.7	2.5		-	3.9	10.6	1.6	9.0	o,r	3	
4		2.8	3.7	2.6	2.4	2.0	2.3	2.7	3.2	3.1	3.2	3.0	2.9	2.9	3.7	3.9	3.6	2.4	2.3	2.7	4.0	4.1	4.4	3.9	3.4		-	3.1	5.6	1.6	4.0	o,r,o,f,m	4	
5		2.7	2.9	3.9	4.9	4.0	2.7	2.3	2.3	3.2	3.7	3.3	3.7	-	4.1	3.6	3.9	3.0	1.7	1.1	1.0	1.1	-	-	-		-	-	-	-	-	-	o,r,o,m	5
6		1.7	1.5	1.5	1.6	1.3	1.2	-	-	-	-	2.9	2.9	2.9	2.7	2.7	2.4	2.1	2.7	3.0	2.5	2.5	3.6	6.8	7.1		-	-	-	-	-	-	o,hf,f,m,r	6
7		6.1	6.1	-	-	-	-	(2.7)	2.6	2.7	3.2	3.2	3.3	3.3	2.7	3.0	2.3	2.7	3.0	2.7	2.6	1.6	1.0	1.6	5.0		-	-	-	-	-	-	o,r,l	7
8		-	2.4	2.9	2.1	2.3	2.5	2.3	2.7	2.6	2.3	2.3	2.3	2.5	2.6	2.6	2.2	2.3	2.3	2.4	2.9	2.9	3.0	2.9	2.7		-	-	-	-	-	-	o,r	8
9		3.8	3.9	7.2	5.6	4.0	5.0	4.5	3.6	3.7	3.7	3.6	(3.4)	3.0	2.8	3.1	3.3	3.2	2.7	2.8	2.3	2.0	2.1	2.5	2.6		-	3.7	8.1	1.6	6.5	o,r	9	
10		2.5	2.4	2.1	1.7	1.7	2.1	2.5	2.7	2.8	3.9	4.0	4.1	4.0	4.0	4.1	4.1	4.5	2.9	1.8	1.3	1.3	1.5	1.7	2.3		-	2.8	5.8	1.1	4.7	o,hf	10	
11		3.4	3.6	3.7	3.0	2.6	2.4	2.4	2.3	2.4	2.6	2.9	3.3	3.2	3.0	2.9	2.8	2.1	1.8	1.3	1.7	2.8	2.9	3.0	3.4		-	2.7	4.4	1.1	3.3	o,r	11	
12		3.4	3.6	3.7	3.6	3.3	3.6	3.3	4.0	4.2	4.2	3.7	3.3	3.2	3.0	3.3	3.3	2.9	2.7	2.3	2.0	2.3	2.7	3.0	3.0		-	3.2	4.6	1.7	2.9	o	12	
13		3.0	3.2	3.1	4.8	4.6	5.3	5.0	5.0	4.6	4.1	4.4	4.2	3.9	4.2	4.1	4.0	3.5	3.2	3.1	4.5	4.4	4.2	3.5	3.4		-	4.1	5.5	2.3	3.2	o,r,m	13	
14		2.8	2.6	3.0	3.1	3.0	2.6	2.8	3.4	3.2	3.5	3.1	3.9	3.0	3.7	3.0	3.3	2.9	2.9	2.7	3.4	3.7	3.4	3.2	4.0		-	3.3	5.0	1.8	3.2	o,s	14	
15		4.3	4.0	4.0	3.6	3.4	2.6	2.3	2.5	2.6	2.9	3.1	2.9	3.0	2.9	2.8	3.0	2.2	2.9	2.9	3.8	4.6	4.3	3.4	3.5		-	3.3	5.6	2.0	3.6	o,s,r	15	
16		2.7	2.7	2.1	2.0	2.0	2.1	3.3	3.5	3.3	2.8	2.9	2.7	3.3	3.5	3.9	3.7	2.7	1.4	0.7	0.8	0.7	0.8	0.8	0.2		-	2.3	5.3	0.6	4.7	o,hf	16	
17		1.1	1.2	1.4	1.4	1.5	1.6	2.1	2.5	3.3	4.2	3.6	2.7	2.7	2.6	2.6	3.1	3.7	2.9	2.5	2.8	3.2	3.3	3.5	3.8		-	2.6	4.8	1.0	3.8	o,hf	17	
18		4.2	3.7	3.5	3.2	2.9	3.2	3.9	4.1	3.8	3.3	3.2	3.2	3.9	3.4	3.2	3.7	3.5	3.2	2.9	3.7	4.6	4.6	4.5	4.6		3.7	3.7	5.7	2.3	3.4	o,hf	18	
19		4.6	4.8	4.6	4.0	3.6	3.7	3.8	4.0	4.2	3.9	3.3	3.3	3.3	3.3	3.0	3.1	3.2	2.9	3.0	3.2	3.3	3.2	3.4	4.1		3.6	3.6	5.1	2.6	2.5	o	19	
20		4.2	4.1	4.2	4.0	4.0	3.6	3.3	3.4	3.6	3.2	3.3	3.3	3.0	3.0	3.1	3.0	2.8	3.6	3.0	2.9	2.7	2.4	1.8	2.2		-	3.2	4.4	1.6	2.8	o,r	20	
21		2.2	2.0	2.1	2.1	1.7	2.5	3.2	3.3	3.0	2.9	2.9	2.7	2.8	2.9	3.6	4.0	4.0	2.5	2.2	3.3	3.6	3.8	4.2	4.2		-	3.0	4.6	1.4	3.2	o,hf	21	
22		4.0	4.0	3.7	3.2	3.0	3.7	4.2	3.7	3.4	3.6	3.9	3.4	3.3	3.4	3.4	3.4	3.3	2.2	2.0	1.7	-	3.0	2.2	2.0		-	-	-	-	-	-	o,l,r	22
23		1.9	1.9	2.3	2.6	2.3	2.0	2.7	3.2	3.3	2.8	2.7	2.7	3.6	3.6	3.7	4.0	3.7	3.4	3.2	3.2	2.9	2.7	2.6	2.1		-	2.9	6.2	1.3	4.9	o,r,m,l	23	
24		-	-	-	1.6	2.3	1.6	4.2	3.7	4.2	4.2	4.6	4.9	6.5	6.2	4.7	4.9	5.0	3.7	3.3	3.2	3.3	3.6	3.4	3.2		-	-	-	-	-	-	o,f	24
25		3.0	3.0	2.9	2.5	3.7	-	-	3.1	3.5	3.1	2.7	3.0	3.7	3.6	3.6	3.9	4.1	3.5	2.6	2.3	1.8	1.6	1.9	1.8		-	-	-	-	-	-	o,f,m,r,t	25
26		1.8	-	-	-	-	-	-	-	-	2.4	2.7	2.8	3.1	3.2	3.2	4.0	4.5	4.1	3.0	2.6	3.6	-	-	-		-	-	-	-	-	-	o,f,m	26
27		-	-	-	-	-	-	-	3.6	3.7	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	o,r,l	27
28		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	o	28
29		-	-	-	-	-	-	-	-	-	-	-	-	-	(3.4)	3.4	3.4	3.7	3.5	2.6	2.4	2.5	2.8	3.2	-		-	-	-	-	-	-	o,r	29
30		2.9	2.5	2.3	2.2	2.1	2.5	2.5	2.7	2.4	2.5	2.6	2.8	3.0	3.2	3.2	4.2	3.3	2.9	2.1	2.0	1.6	1.1	1.0	1.4		-	2.5	5.6	0.7	4.9	o,r	30	
A		3.7	4.0	4.0	3.8	3.2	3.2	3.5	3.5	3.6	3.6	3.3	3.1	3.2	3.4	3.3	3.5	3.6	3.0	2.5	2.5	2.9	3.0	3.1	3.3		3.3							
H		3.2	3.3	3.3	3.1	2.9	3.0	3.1	3.3	3.4	3.4	3.3	3.3	3.4	3.4	3.4	3.5	3.4	2.9	2.6	2.7	2.9	2.9	3.0	3.2		3.2							

Mal - May

CONDUCTIVITE D'AIR (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)

1985
2807 - 087

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	F	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		1.8	1.7	1.6	1.6	1.8	2.3	2.7	3.2	2.9	3.1	2.9	2.9	2.7	2.5	2.7	2.6	2.8	2.7	2.6	3.6	4.0	5.3	5.6	5.7	-	3.0	6.2	1.0	5.2	e	1		
2		4.1	5.7	5.0	4.8	4.2	3.8	3.1	3.1	2.9	3.1	3.4	4.1	-	-	3.2	3.0	2.2	1.6	1.7	3.0	3.7	3.2	4.8	4.9	-	-	-	-	-	e, r, f	2		
3		4.6	4.9	4.9	4.0	3.2	3.5	3.2	2.8	2.6	2.8	2.7	3.3	3.0	3.7	3.2	3.0	3.4	3.2	2.5	1.7	2.0	3.1	2.5	1.8	-	3.2	9.9	0.8	9.1	e, l, r	3		
4		1.9	2.3	2.3	2.3	2.4	2.5	2.7	2.8	2.8	2.7	2.7	2.6	2.4	2.6	2.5	2.6	2.6	-	1.6	1.1	1.0	1.1	1.6	1.7	-	-	-	-	-	e, r	4		
5		2.3	2.1	1.7	2.6	3.2	2.3	2.3	2.4	2.4	2.7	2.9	3.5	3.4	4.5	3.2	3.3	4.0	2.7	2.3	3.0	3.0	3.2	3.0	2.6	-	2.9	6.5	0.7	5.8	e, r	5		
6		2.4	2.3	3.0	2.4	-	-	4.6	3.4	4.3	3.0	3.0	4.2	4.2	4.4	5.0	4.6	4.1	3.6	3.1	2.0	1.9	1.9	1.2	1.3	-	-	-	-	-	e, r	6		
7		1.1	-	-	-	-	-	-	2.7	3.1	3.6	4.0	4.1	4.4	4.5	4.2	4.4	4.2	2.9	1.7	1.2	1.6	1.5	1.8	2.3	-	-	-	-	-	e, m	7		
8		2.3	1.6	1.8	2.0	3.1	3.7	4.0	4.4	4.2	4.0	4.2	4.3	4.2	4.3	4.0	4.1	4.4	3.9	3.7	4.0	4.0	5.2	4.9	5.5	-	3.9	5.8	1.4	4.4	e	8		
9		5.5	5.4	5.1	4.6	3.7	3.7	3.6	3.7	2.9	3.8	4.2	4.0	4.2	4.0	4.0	3.4	3.3	3.8	3.0	3.7	3.2	3.6	3.7	2.8	-	3.9	10.4	2.6	7.8	e, r	9		
10		3.3	3.4	3.2	2.6	2.3	2.3	2.1	2.9	3.4	3.7	4.1	3.9	3.8	4.0	3.6	3.5	3.4	2.7	1.7	1.4	1.3	1.3	1.3	1.6	-	2.8	4.7	0.8	3.9	e, r, d, m	10		
11		1.6	-	-	1.3	1.4	1.6	[1.9]	[2.6]	3.4	3.4	4.0	3.9	3.6	2.9	3.7	4.2	3.6	3.1	2.7	2.9	2.6	2.2	1.7	1.6	-	-	-	-	-	-	e, f, m, l, r	11	
12		2.0	1.9	2.4	2.3	2.4	4.1	2.6	3.1	4.6	3.9	3.3	2.8	2.7	2.6	2.6	2.6	2.7	2.2	1.6	1.6	1.8	2.0	2.6	2.5	-	2.6	11.9	1.0	10.9	e, f, m, r	12		
13		2.7	3.6	3.9	4.5	4.4	4.1	3.9	3.6	3.3	2.8	2.9	3.3	[3.3]	3.0	2.7	2.9	3.2	-	3.2	2.6	2.6	3.8	1.7	1.6	-	-	-	-	-	-	e, f, r	13	
14		1.4	1.5	1.6	2.0	2.3	2.6	2.7	2.8	2.9	3.4	2.9	2.4	2.6	2.9	2.9	3.3	3.8	4.3	3.3	2.0	1.8	-	-	-	-	-	-	-	-	-	e	14	
15		-	-	-	-	-	-	-	-	3.3	[2.8]	2.7	2.8	2.7	2.9	3.3	4.1	4.5	3.4	2.3	1.8	2.1	2.5	2.3	2.0	-	-	-	-	-	-	e	15	
16		2.0	2.0	2.0	2.6	3.2	3.5	3.9	3.5	3.3	3.1	-	4.4	4.2	4.1	4.3	5.0	5.3	5.0	[5.0]	5.7	5.7	5.2	4.9	4.6	-	-	-	-	-	-	e	16	
17		4.5	4.4	4.5	4.6	4.6	4.6	-	-	4.8	4.5	4.2	4.1	4.4	4.2	4.4	5.2	5.1	5.0	4.5	4.0	4.1	4.6	5.1	4.8	-	-	-	-	-	-	b	17	
18		4.8	4.9	5.1	4.9	4.9	4.6	4.9	4.6	4.9	5.0	4.9	4.8	5.1	5.0	4.5	4.6	4.0	3.9	4.3	3.7	-	-	-	-	-	-	-	-	-	-	e, l, r	18	
19		-	-	-	-	-	-	-	-	-	-	-	3.3	2.7	2.3	2.4	2.8	2.8	1.6	3.5	4.2	4.8	6.6	4.8	4.2	-	-	-	-	-	-	-	e, r, h, l	19
20		2.8	2.6	2.6	3.2	3.8	3.8	3.5	3.5	3.6	3.3	2.7	2.2	2.3	-	-	-	-	-	-	-	3.0	2.6	2.4	2.0	2.0	-	-	-	-	-	-	e, r	20
21		1.9	1.8	2.0	2.8	3.4	3.6	3.5	3.5	3.6	3.5	3.3	3.2	3.2	3.0	-	-	-	-	-	2.8	2.6	2.3	2.2	2.3	-	-	-	-	-	-	e	21	
22		2.8	3.0	3.0	3.2	3.2	3.0	3.0	3.3	3.3	3.0	2.8	2.4	2.4	2.6	2.8	2.7	2.8	2.4	2.0	1.6	1.4	1.6	1.6	1.8	-	-	2.6	3.8	1.2	2.6	e	22	
23		2.0	1.7	1.4	2.2	2.4	2.7	2.8	3.1	3.5	3.6	3.2	4.2	4.3	4.2	3.4	4.4	4.8	4.4	4.6	4.9	5.2	5.5	5.5	4.9	-	3.7	6.2	1.2	5.0	e, r, l	23		
24		4.8	3.8	3.9	4.2	4.1	3.8	4.2	4.0	4.4	4.4	4.3	4.6	5.0	4.7	3.6	4.0	4.8	4.4	4.4	4.6	4.6	4.9	5.4	2.2	-	4.4	7.3	3.1	4.2	e	24		
25		4.6	[4.7]	[4.4]	-	-	-	4.8	-	-	-	-	-	-	3.3	3.5	3.6	4.0	4.3	3.6	3.4	3.3	3.3	3.3	3.3	-	-	-	-	-	-	-	e, r, r	25
26		2.4	2.2	2.1	1.4	2.9	2.9	3.4	3.3	3.4	3.3	3.0	2.9	2.8	3.0	3.2	3.4	3.1	2.9	2.4	2.3	2.3	[2.0]	2.4	-	-	-	-	-	-	-	-	e	26
27		-	-	-	-	-	-	3.3	3.4	3.4	3.4	3.6	3.6	3.3	3.1	3.2	4.1	4.4	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	e, r, m	27
28		-	-	-	-	-	-	-	3.3	3.7	[3.0]	2.9	2.8	2.7	2.7	2.9	2.9	2.7	2.9	2.7	2.6	2.3	1.7	2.0	1.8	-	-	-	-	-	-	-	e, r, m, f	28
29		1.5	1.8	1.8	1.9	2.3	2.6	3.0	3.3	3.2	3.3	3.2	3.5	3.5	3.3	4.3	4.4	3.6	2.2	2.4	2.9	3.3	3.6	-	-	-	-	3.0	7.5	1.3	6.2	e	29	
30		3.6	3.4	3.7	3.9	3.7	3.6	4.2	4.3	-	2.7	-	-	3.3	3.5	4.5	4.4	4.6	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	e, r, l	30
31		-	-	-	-	-	-	3.2	2.9	2.6	2.7	2.5	2.5	2.5	2.8	2.7	3.0	3.1	3.4	6.2	2.4	2.0	1.8	2.4	2.4	-	-	-	-	-	-	-	e, r	31
A		3.6	3.5	3.6	3.9	3.9	3.8	3.6	3.5	3.4	3.4	3.6	3.7	3.4	3.9	3.7	3.8	4.0	3.6	3.5	3.0	3.2	3.4	3.5	3.4	-	3.5	-	-	-	-	-	-	
F		3.0	3.0	3.0	3.0	3.2	3.3	3.4	3.3	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.6	3.7	3.4	3.1	2.9	2.9	3.1	3.1	3.0	-	3.3	-	-	-	-	-	

Juin - June

 COEFFICIENTS D'AIR (POSITIVE) $\times 10^{-15}$ [$\Omega^{-1} m^{-1}$]
 AIR COEFFICIENTS (POSITIVE) $\times 10^{-15}$ [$\Omega^{-1} m^{-1}$]

 1983
 1983 - 06

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Impl.	L'indication du temps Type of weather	Date		
1		4.0	3.6	-	-	-	-	3.3	3.3	3.1	3.1	3.5	4.0	3.2	3.1	3.2	3.2	3.8	3.8	3.3	2.4	2.6	2.8	3.3	4.1	-	-	-	-	-	e	1			
2		4.1	4.0	4.2	4.1	4.3	3.9	3.8	4.0	2.9	4.0	3.5	2.8	2.1	2.5	3.1	3.4	3.9	4.0	4.3	[4.5]	4.5	4.2	4.4	4.5	-	-	3.8	4.9	2.0	2.9	e	2		
3		4.3	4.6	4.9	4.2	4.8	3.2	2.7	4.8	3.7	2.6	2.8	3.7	3.6	3.3	3.9	3.8	3.9	3.6	3.6	[3.0]	2.8	2.4	2.1	2.2	-	-	3.5	15.7	1.7	14.0	e, r, l	3		
4		2.1	2.1	2.3	2.8	3.4	3.3	3.4	3.7	3.6	2.9	2.8	2.9	2.7	2.7	2.7	2.8	2.9	3.0	[2.3]	1.8	1.6	1.7	2.0	2.2	-	-	2.7	3.9	1.3	2.6	e	4		
5		2.6	2.4	2.6	3.2	3.3	3.3	3.2	2.9	2.9	2.7	2.7	2.6	1.8	3.5	3.6	4.3	3.9	3.2	4.2	6.6	4.9	3.3	3.4	2.9	-	-	3.4	15.1	1.4	13.7	e, r, h	5		
6		3.7	3.5	3.6	3.9	4.3	3.8	3.6	-	4.8	[4.3]	3.9	4.2	6.8	6.7	6.8	6.6	6.5	6.6	6.8	6.1	4.4	4.8	5.0	6.0	-	-	-	-	-	-	e, r	6		
7		5.8	4.6	4.3	4.9	5.8	5.9	5.3	5.5	5.3	5.2	5.2	5.4	4.8	4.5	4.4	4.5	4.8	4.8	5.2	3.0	3.0	3.4	3.3	3.1	-	-	4.7	8.9	2.7	6.2	e	7		
8		3.1	-	-	-	-	-	-	3.4	3.0	2.8	2.6	3.2	3.3	3.3	3.4	3.6	4.1	5.2	3.7	2.6	1.7	1.8	2.3	2.5	-	-	-	-	-	-	e	8		
9		2.7	3.2	3.6	3.5	3.6	3.4	3.7	3.4	3.1	2.6	2.3	2.1	2.1	2.2	2.3	2.4	2.9	3.0	2.4	2.0	2.2	[2.7]	3.3	3.3	-	-	2.9	4.5	1.8	2.7	e	9		
10		4.2	3.9	4.2	3.6	3.7	3.7	3.7	4.0	4.2	4.2	4.1	4.3	4.5	4.8	4.5	4.8	4.6	4.1	4.7	3.2	3.4	4.6	6.2	4.9	-	-	4.2	6.9	2.7	4.2	e, l, r	10		
11		5.6	5.6	6.0	6.2	4.7	3.8	3.8	3.3	3.4	3.6	3.7	4.0	4.5	5.0	4.0	4.6	4.6	7.1	4.9	3.0	2.7	2.1	1.9	1.6	-	-	4.1	13.9	1.3	12.6	e	11		
12		2.1	2.4	2.6	3.4	3.4	3.3	3.3	4.3	5.3	4.6	4.0	3.4	3.4	2.9	2.9	3.3	4.1	4.0	2.6	2.3	2.1	2.1	2.2	-	-	-	3.2	6.2	1.6	4.6	e	12		
13		2.7	2.7	3.2	3.3	3.5	3.2	4.3	5.2	4.0	3.9	3.2	3.9	3.6	4.1	4.3	4.6	4.9	4.8	5.2	3.6	3.4	3.8	4.3	4.7	-	-	4.0	8.1	2.4	5.7	e	13		
14		5.0	4.5	4.3	3.9	3.7	3.6	-	-	-	5.0	4.8	4.7	4.8	5.2	4.8	4.6	4.9	5.0	5.9	2.9	2.3	2.4	2.8	3.4	-	-	-	-	-	-	e	14		
15		3.5	3.5	3.7	3.7	3.4	3.6	2.9	3.6	3.7	3.3	3.3	3.0	3.4	3.7	3.8	3.7	3.8	3.6	3.3	3.6	3.3	2.9	3.0	3.3	-	-	3.4	5.1	2.4	2.7	e, r	15		
16		(3.7)	(4.0)	(3.9)	(3.7)	(3.2)	(2.6)	(2.3)	2.4	3.2	3.3	3.8	4.1	4.5	4.6	4.5	4.5	5.0	4.9	5.2	5.3	3.7	3.4	3.5	2.9	-	-	(3.8)	7.1	1.9	5.2	e, r	16		
17		2.6	3.0	4.2	4.0	4.0	3.9	3.4	3.2	3.3	3.2	3.2	4.0	4.5	4.9	5.4	5.5	5.5	5.9	6.0	5.1	4.5	4.9	6.1	6.2	-	-	4.4	7.5	2.3	5.2	e	17		
18		(6.1)	6.1	6.5	6.9	7.1	7.5	-	7.2	7.0	5.9	7.9	7.6	7.2	6.5	6.9	6.5	6.3	4.8	4.6	(5.5)	6.1	6.6	6.3	6.2	-	-	-	-	-	-	-	e, r	18	
19		6.2	6.1	6.1	(8.0)	(3.8)	(3.8)	(5.8)	(5.9)	6.2	6.1	6.2	5.0	5.3	5.7	5.8	5.6	5.6	5.8	5.0	5.5	5.4	5.5	5.9	5.8	-	-	(5.8)	(9.1)	2.1	(7.0)	e, r	19		
20		4.7	4.7	5.4	(5.2)	-	-	(5.9)	5.9	5.8	5.7	5.6	6.1	6.1	5.9	5.5	4.6	4.9	4.5	3.2	3.3	2.9	2.8	2.8	3.5	-	-	-	-	-	-	-	e	20	
21		3.5	3.5	3.1	3.9	5.5	5.8	5.4	5.3	5.3	[4.0]	4.0	4.1	4.2	4.3	4.6	4.7	4.6	4.3	5.0	7.6	8.1	8.2	7.1	7.4	-	-	5.2	12.3	2.6	9.7	e	21		
22		7.1	6.9	7.2	6.2	5.2	5.4	6.2	6.4	5.9	5.4	4.8	5.5	5.7	5.6	5.9	5.4	5.2	4.6	4.5	3.2	2.7	3.2	4.0	4.3	-	-	5.3	5.3	12.2	2.6	9.6	b	22	
23		4.5	3.8	3.4	3.6	3.8	3.7	4.5	4.3	4.1	4.0	3.9	4.0	4.0	3.6	3.0	3.3	3.2	3.7	3.6	2.4	2.0	1.9	1.8	2.3	-	-	3.4	3.4	6.9	1.6	5.3	b	23	
24		2.6	2.8	3.2	4.0	4.0	3.8	4.0	3.7	3.3	3.2	3.2	3.2	3.3	3.1	3.2	3.3	3.6	4.2	3.7	2.9	2.2	2.1	2.6	3.3	-	-	3.3	3.3	5.5	1.7	3.8	b	24	
25		4.0	4.0	3.9	3.7	3.6	3.8	3.7	3.8	3.9	3.3	3.2	3.0	2.6	2.5	2.6	2.6	2.7	3.4	2.9	3.8	2.9	2.1	2.1	2.1	-	-	3.2	10.3	1.1	9.2	e, r, l	25		
26		-	-	-	-	(3.3)	(5.8)	5.3	4.0	3.8	3.4	3.1	3.1	3.6	4.0	3.9	3.7	4.8	5.5	5.6	4.7	3.3	2.8	2.9	3.0	-	-	-	-	-	-	-	e, r	26	
27		2.9	3.2	3.6	-	-	-	3.4	3.5	3.4	3.3	3.4	3.0	3.3	-	-	-	5.4	4.6	3.2	2.3	2.2	2.7	2.7	2.6	-	-	-	-	-	-	-	e, r, l, h	27	
28		2.5	2.1	2.5	2.6	(3.0)	(3.3)	3.3	3.7	3.8	4.2	4.7	3.9	4.2	4.3	4.0	3.7	4.2	3.7	3.5	3.7	3.9	3.9	3.7	3.7	-	-	3.6	7.5	1.8	5.7	e, r, h	28		
29		3.8	3.1	3.0	3.4	4.3	3.0	3.4	3.9	3.7	3.2	3.3	3.4	2.8	3.4	3.6	3.6	3.4	4.3	3.7	2.3	2.2	-	-	-	-	-	-	-	-	-	-	e	29	
30		-	-	-	-	-	-	-	3.4	3.0	2.7	2.6	2.6	2.8	2.7	2.9	3.3	3.6	3.7	3.4	2.7	(2.8)	3.2	3.9	4.2	-	-	-	-	-	-	-	-	e	30
A		3.8	3.8	4.0	4.2	4.2	4.0	4.1	4.0	3.9	3.7	3.4	3.6	3.4	3.6	3.7	3.6	4.0	4.2	3.9	3.3	3.0	3.1	3.1	3.7	-	-	3.7	-	-	-	-	-		
H		3.9	3.8	4.1	4.2	4.3	4.1	4.0	4.2	4.1	3.9	3.9	3.9	4.0	4.2	4.1	4.1	4.4	4.5	4.2	3.7	3.3	3.4	3.6	3.8	-	-	4.0	-	-	-	-	-		

Feillet - July

CONDUCTIBILITE D'AIR (POSITIVE) $\times 10^{-15}$ [$\Omega^{-1} m^{-1}$]
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ [$\Omega^{-1} m^{-1}$]

1985
THEO - GNT

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	F	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		3.9	3.2	3.2	3.9	4.0	4.0	4.0	4.1	3.7	3.4	2.9	2.4	2.6	3.1	3.2	3.3	3.9	3.7	3.8	2.5	2.4	3.0	3.4	3.6		-	3.4	6.8	2.1	4.7	e	1	
2		3.4	3.4	2.8	-	-	-	-	4.3	4.2	3.9	4.2	4.3	4.5	4.3	4.8	4.9	5.1	5.1	5.7	4.2	2.6	1.9	1.4	1.4		-	-	-	-	-	e,r	2	
3		1.4	1.4	1.7	2.0	3.3	5.1	5.7	5.3	5.2	4.2	4.0	3.3	2.8	2.7	3.9	4.2	4.8	5.3	5.2	3.6	3.2	2.9	3.3	3.9		-	3.7	8.8	1.0	7.8	e	3	
4		5.2	6.2	5.3	4.9	4.9	4.2	4.8	4.2	3.4	2.7	3.5	3.4	3.3	2.9	3.1	4.0	4.3	4.6	5.0	3.6	3.1	2.7	4.4	4.8		-	4.1	10.2	1.8	8.4	e	4	
5		4.5	4.2	[3.4]	3.6	4.2	5.2	5.8	4.5	3.5	3.1	2.3	2.3	2.5	2.7	4.1	5.0	5.3	6.0	6.7	3.2	[3.6]	2.1	2.4	2.8		-	3.9	12.1	1.8	10.3	e	5	
6		3.5	4.0	4.3	4.3	4.3	4.5	4.2	4.5	5.9	5.4	4.8	4.3	3.3	5.0	6.1	6.1	6.8	7.6	6.6	3.5	2.7	3.1	4.3	5.0		-	4.9	11.0	2.3	8.7	e	6	
7		4.9	5.2	5.3	4.8	5.8	5.9	6.3	6.3	6.3	5.9	5.9	6.3	4.9	3.7	3.5	4.7	5.1	5.5	5.5	4.3	2.9	3.0	3.3	3.7		5.0	5.0	8.5	2.4	6.1	b	7	
8		4.9	5.4	5.3	5.3	5.7	5.5	5.6	5.5	5.3	5.5	5.9	6.2	6.3	5.9	6.1	6.2	6.2	6.9	4.4	2.8	2.7	3.0	3.7		-	5.2	10.1	2.4	7.7	e	8		
9		5.3	4.6	4.5	5.0	5.8	5.8	5.3	5.5	5.8	6.1	4.9	5.6	6.6	[5.8]	-	5.4	5.7	6.3	6.4	5.2	5.8	6.9	6.8	6.5		-	-	-	-	-	e	9	
10		6.1	6.1	6.0	5.9	-	-	-	5.5	4.4	4.9	5.6	5.9	[5.2]	4.6	5.5	6.2	6.6	[6.1]	7.0	[5.0]	2.8	4.6	5.8	6.8		-	-	-	-	-	e	10	
11		[4.5]	6.4	6.3	5.5	5.6	4.8	5.5	-	-	-	-	5.2	3.1	2.6	3.1	3.2	3.9	4.3	4.3	3.9	4.5	7.2	5.9	4.5	4.6		-	-	-	-	-	e,t,l,r	11
12		4.0	4.6	-	-	-	-	-	-	-	-	-	(4.6)	4.4	4.8	5.8	6.4	6.3	7.5	7.6	7.2	4.1	2.7	2.4	2.2	2.2		-	-	-	-	-	e,r,l	12
13		2.0	2.0	2.8	3.6	3.8	4.3	5.0	4.6	4.2	4.8	3.0	3.0	3.3	(4.1)	4.0	3.3	4.0	5.0	5.2	5.3	5.9	5.3	4.6	5.2		-	4.1	7.1	1.8	5.3	e,l	13	
14		5.0	4.3	5.0	4.3	4.5	4.4	(4.6)	4.6	5.2	3.2	5.1	5.0	5.2	5.2	5.0	5.1	5.2	5.0	4.9	4.8	5.6	6.7	6.7	5.8		-	5.1	9.8	2.1	7.7	e,l,r	14	
15		6.2	5.6	4.9	4.6	4.7	5.3	5.2	3.9	3.0	(4.1)	2.7	2.7	3.2	3.6	4.2	5.0	3.8	3.1	2.7	2.0	2.4	2.8	2.7	2.7		-	3.8	7.8	1.6	6.2	e	15	
16		2.6	2.5	2.9	3.2	3.6	3.8	3.8	3.1	2.7	2.9	3.0	2.9	2.7	-	4.6	4.8	4.2	4.3	4.0	3.9	3.6	3.8	3.2	3.3		-	-	-	-	-	e,r,l	16	
17		3.2	3.4	3.8	3.7	4.0	4.3	4.5	4.6	3.9	3.5	3.0	3.1	3.0	3.0	3.1	3.5	4.1	5.3	(5.7)	4.6	3.3	2.9	2.9	2.6		-	3.7	8.0	2.2	5.8	e	17	
18		3.2	3.1	3.4	4.3	4.5	3.8	4.3	4.8	(4.5)	(4.9)	3.6	3.3	3.3	3.2	3.2	3.4	3.6	3.5	2.7	3.6	3.8	4.0	3.9		3.7	3.7	6.1	2.1	4.0	e	18		
19		3.8	3.7	4.0	3.5	3.4	3.3	3.6	-	(3.4)	3.4	3.9	3.9	3.8	3.7	3.7	3.9	4.0	4.0	4.2	4.3	3.4	3.8	5.2	5.3		-	-	-	-	-	e,l,r	19	
20		7.0	6.7	7.1	7.2	5.6	4.9	5.0	4.0	3.6	3.2	4.3	3.9	4.9	5.1	3.9	5.0	5.2	3.4	3.9	3.7	4.5	5.1	5.3	5.3		-	4.9	16.3	1.9	14.4	e,r	20	
21		5.6	6.3	5.3	5.2	4.2	4.0	4.2	4.3	4.0	4.0	[3.9]	3.9	4.7	4.1	3.7	4.3	4.4	4.8	-	-	-	-	-	-		-	-	-	-	-	-	e,r	21
22		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	3.8	3.9	3.4	4.9	7.6	8.7		-	-	-	-	-	-	e,r	22
23		9.8	9.1	7.6	6.6	4.5	4.0	3.6	4.1	4.6	4.8	5.6	4.6	4.8	6.1	5.2	4.3	4.3	5.0	5.5	5.6	5.3	6.3	6.6	5.5		-	5.6	14.2	3.2	11.0	e,r	23	
24		4.9	3.6	3.0	3.6	-	-	3.1	6.1	6.0	6.4	6.1	6.2	6.1	6.2	5.9	5.8	5.9	6.2	3.9	3.6	3.1	2.8	2.9	2.4		-	-	-	-	-	e	24	
25		2.8	3.0	3.0	3.3	3.3	-	(3.3)	3.2	2.9	3.9	4.2	3.4	4.1	4.2	4.2	4.6	4.2	4.1	3.9	4.7	4.9	5.8	5.5	5.0		-	-	-	-	-	-	e,r	25
26		5.3	5.0	5.5	5.8	3.7	3.1	3.4	4.0	(3.9)	-	-	4.1	4.2	5.4	5.6	5.3	5.5	5.1	5.0	4.6	5.2	5.0	4.4	3.7		-	-	-	-	-	-	e,r	26
27		3.2	2.7	2.9	2.9	3.9	4.6	4.8	4.0	2.7	2.6	2.7	3.4	4.0	3.6	2.9	2.6	3.8	3.6	3.5	3.3	3.4	4.1	4.0	4.1		-	3.5	13.7	1.6	12.1	e,l	27	
28		-	5.9	5.3	3.4	3.0	3.3	3.0	2.7	2.6	2.8	2.9	2.9	3.0	3.4	4.0	5.0	5.2	5.4	4.9	5.0	4.6	4.9	4.9		-	-	-	-	-	-	e,t,r	28	
29		5.1	4.3	3.2	3.5	4.0	3.7	4.2	4.2	3.6	3.5	3.2	2.9	2.7	3.0	3.1	3.3	3.3	3.6	3.7	3.7	4.1	4.9	4.8	5.0		-	3.8	7.5	2.1	5.4	e,r	29	
30		4.4	3.8	4.0	5.3	5.9	5.8	7.1	5.4	5.0	5.2	4.4	4.5	3.9	4.5	4.4	4.7	4.9	5.0	4.6	4.7	5.5	5.9	5.2	5.6		-	5.0	7.6	3.3	4.3	e,r	30	
31		6.4	5.6	5.2	5.2	4.7	4.6	4.0	4.2	3.6	3.7	3.9	4.0	3.7	3.9	4.0	4.7	5.3	6.1	4.9	3.1	2.3	2.4	3.1	4.4		-	4.3	11.1	2.0	9.1	e	31	
A		4.3	4.2	4.0	4.3	4.5	4.8	4.9	4.8	4.5	4.4	3.7	3.5	3.4	3.5	3.7	4.3	5.0	5.1	5.0	3.9	3.5	3.6	3.8	4.0		4.2							
B		4.7	4.5	4.4	4.4	4.4	4.5	4.7	4.5	4.2	4.2	4.1	4.0	4.1	4.3	4.3	4.6	4.9	5.0	4.9	4.0	3.9	4.1	4.3	4.4		4.4							

Aôit - August

 CONDUCTIBILITE D'AIR (POSITIVE) $\times 10^{-15}$ [$\Omega^{-1} m^{-1}$]
 AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ [$\Omega^{-1} m^{-1}$]
1983
THOR - GMR

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		4.0	4.0	4.2	4.1	3.5	3.3	3.5	3.4	3.2	3.7	3.7	3.3	4.0	4.2	4.0	4.2	4.4	4.6	4.6	4.3	3.7	3.4	3.7	4.2	4.0	4.0	5.3	2.8	2.5	b	1		
2		4.6	5.0	5.5	5.5	5.6	-	-	4.6	4.2	3.8	2.9	2.6	2.7	3.0	3.0	3.1	3.7	3.5	2.0	2.2	-	3.1	3.7	4.0	-	-	-	-	-	-	o,l	2	
3		-	-	-	-	-	-	-	4.7	4.9	4.5	3.5	3.0	3.7	-	3.0	4.1	3.7	3.5	2.0	2.2	-	3.1	3.7	4.2	-	-	-	-	-	-	o,l,r	3	
4		4.6	4.0	4.0	6.5	6.6	6.6	6.8	6.2	5.8	6.3	6.3	5.2	6.3	5.6	5.2	4.0	6.6	5.3	3.8	4.1	4.2	4.5	5.9	6.3	-	5.5	7.8	3.3	4.5	o,r	4		
5		6.2	7.3	7.1	5.0	4.7	4.3	4.6	5.4	5.3	5.6	4.8	3.9	3.0	3.0	3.5	3.1	3.7	-	-	3.5	4.5	5.1	4.9	4.0	-	-	-	-	-	-	o,r	5	
6		3.4	2.6	2.6	3.3	3.5	4.2	4.5	4.0	4.9	5.2	5.2	5.3	5.3	5.1	5.3	5.3	[5.6]	-	-	3.9	3.6	4.1	4.0	5.5	-	-	-	-	-	-	o	6	
7		3.4	4.0	4.5	4.0	5.5	6.0	5.9	6.1	6.0	5.1	4.5	-	[4.1]	4.5	-	5.1	4.0	3.1	2.3	2.6	2.7	3.4	3.3	4.2	-	-	-	-	-	-	o,r,l,t,m	7	
8		3.6	2.7	2.6	2.9	3.3	4.3	4.9	5.2	5.0	5.1	4.0	4.9	5.3	5.0	4.7	4.0	4.2	-	-	3.7	2.8	2.4	2.3	-	-	-	-	-	-	-	o,l,r	8	
9		2.4	2.4	2.9	3.0	3.6	4.3	4.6	4.0	4.0	4.9	4.8	4.9	5.5	5.4	5.5	5.6	5.7	5.1	4.6	4.0	4.3	3.9	4.2	4.8	-	4.4	7.9	2.0	5.9	o	9		
10		3.0	2.6	2.0	2.6	3.2	4.5	4.7	4.5	4.2	4.3	4.2	4.3	4.3	4.5	4.5	4.4	4.2	4.6	3.7	3.3	-	-	-	-	-	-	-	-	-	-	o	10	
11		-	-	-	-	-	-	-	4.6	4.4	4.5	4.6	4.5	4.0	4.0	4.2	4.8	5.1	4.7	3.7	3.2	3.3	3.1	3.0	3.3	-	-	-	-	-	-	o	11	
12		3.2	3.2	3.4	3.3	4.1	4.4	4.7	4.5	4.0	3.9	3.8	4.3	3.7	4.3	4.0	4.1	4.8	5.0	5.3	4.9	4.5	4.2	4.3	4.2	-	4.2	5.9	2.8	3.1	o	12		
13		3.7	3.5	4.5	4.9	4.8	3.7	3.7	5.3	3.9	5.2	4.7	4.3	4.9	5.2	4.9	4.9	4.9	4.9	3.8	5.2	5.5	5.3	5.0	5.2	-	4.7	10.1	2.2	7.9	o,r	13		
14		6.3	7.1	7.1	6.2	4.9	4.7	4.1	3.9	4.0	4.0	4.1	4.4	4.4	4.3	5.3	5.9	6.4	6.6	4.6	-	-	-	-	-	-	-	-	-	-	-	-	o,r	14
15		-	-	-	-	-	-	-	4.8	4.6	4.0	4.8	4.9	4.8	4.5	4.6	3.5	3.1	3.8	4.9	3.9	2.7	3.2	3.3	3.7	3.7	-	-	-	-	-	-	o	15
16		3.5	3.4	3.2	3.2	3.4	3.4	3.6	3.5	3.5	3.2	2.8	2.8	3.3	3.2	3.1	3.1	3.0	3.3	3.0	3.3	3.6	4.0	-	-	-	-	-	-	-	-	-	o	16
17		-	-	-	-	-	-	-	4.0	3.8	3.5	3.2	3.0	3.5	3.3	3.3	3.6	3.2	2.6	4.0	2.2	2.2	2.4	1.8	2.1	2.0	-	-	-	-	-	-	o,l,r,m,f	17
18		2.3	2.4	2.3	2.1	-	-	-	4.4	4.5	4.4	4.2	3.6	4.4	-	4.0	4.9	6.2	7.1	3.2	2.6	2.6	3.0	3.6	3.3	-	-	-	-	-	-	-	o	18
19		3.4	2.9	3.2	3.3	3.6	3.3	3.5	3.0	3.0	4.2	4.0	3.3	3.2	3.1	3.2	-	3.3	2.7	2.2	[3.9]	-	1.8	2.3	3.3	-	-	-	-	-	-	-	b	19
20		3.4	3.1	3.5	3.9	3.5	3.5	3.4	3.2	3.2	3.4	4.0	3.8	3.5	2.8	2.9	3.2	3.7	4.2	2.9	2.6	2.9	2.7	4.0	4.7	-	3.4	6.8	2.1	4.7	o	20		
21		5.5	5.1	5.2	5.7	5.3	5.5	5.6	5.5	5.5	5.3	5.2	5.0	4.0	4.7	4.9	4.7	5.0	4.5	4.6	4.1	5.0	5.4	5.9	6.5	-	-	5.2	8.6	3.9	4.7	o	21	
22		6.7	6.6	6.3	6.8	5.6	5.0	5.0	5.0	5.0	5.3	5.6	5.8	5.0	5.3	5.3	5.5	5.7	5.0	3.7	3.2	3.7	4.1	4.9	5.9	-	-	5.3	15.3	2.8	12.5	o	22	
23		5.8	6.1	5.4	4.7	5.5	4.6	4.8	5.3	5.1	4.6	4.7	5.0	4.0	4.5	4.6	5.3	5.9	5.1	3.7	2.1	2.0	2.7	3.4	3.8	-	-	4.6	8.0	1.8	6.2	o	23	
24		4.0	4.4	4.4	3.9	3.4	3.5	3.9	4.3	4.5	3.4	3.1	3.2	3.5	3.4	3.9	4.0	5.0	4.2	2.9	2.4	2.4	2.6	2.8	2.9	-	-	3.6	8.3	2.1	6.2	o	24	
25		3.7	3.1	3.1	3.3	4.2	4.8	4.9	5.3	5.4	5.6	5.4	5.3	5.3	5.0	4.7	4.6	5.1	5.9	4.5	3.6	4.2	4.3	5.0	(5.1)	-	-	4.6	8.4	2.7	5.7	o	25	
26		4.5	4.5	4.2	4.1	4.0	4.5	4.2	5.0	5.6	5.8	6.0	5.3	3.7	3.6	3.4	3.7	4.1	4.3	3.5	3.2	3.4	3.3	3.1	3.1	-	4.2	4.2	7.9	2.8	5.1	b	26	
27		3.2	3.0	3.2	3.4	4.0	4.5	4.2	3.8	4.1	4.1	4.3	3.6	3.7	4.0	4.2	4.6	4.9	4.5	3.9	3.5	3.1	2.5	2.5	2.4	-	3.7	3.7	5.7	2.3	3.4	o	27	
28		2.9	3.1	3.2	3.4	3.8	4.4	4.6	4.3	4.1	4.3	4.9	4.7	4.6	4.6	4.8	4.5	4.1	5.0	5.3	5.2	5.2	6.2	7.3	8.2	-	-	4.7	10.3	2.6	7.7	o	28	
29		8.6	9.9	8.4	5.9	6.3	6.3	5.5	4.2	5.3	5.1	5.4	5.7	5.8	6.3	6.0	6.2	6.5	6.3	3.7	3.2	3.4	3.6	3.7	4.0	-	-	5.7	14.4	2.8	11.6	o	29	
30		5.1	6.0	6.2	6.4	6.1	4.1	4.2	4.9	4.5	4.6	4.8	5.3	5.6	5.2	5.2	5.5	6.7	-	3.1	2.6	3.0	3.3	3.6	3.7	-	-	-	-	-	-	o	30	
31		3.7	3.9	4.9	4.5	4.0	3.5	3.9	4.0	3.9	3.4	[3.2]	-	4.4	5.0	5.0	5.6	6.1	4.5	2.9	2.6	2.6	3.1	3.5	4.0	-	-	-	-	-	-	o	31	
A		4.3	4.3	4.5	4.3	4.4	4.2	4.3	4.4	4.4	4.4	4.5	4.5	4.2	4.3	4.2	4.6	5.0	4.9	3.7	3.3	3.5	3.6	4.0	4.2	-	4.2	-	-	-	-	-	-	
N		4.3	4.4	4.4	4.4	4.5	4.4	4.5	4.6	4.5	4.4	4.4	4.3	4.4	4.4	4.3	4.5	4.8	4.7	3.6	3.3	3.6	3.6	3.9	4.3	-	4.3	-	-	-	-	-	-	

Septembre - September

CONDUCTIBILITE D'AIR (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)1963
TMR - MZ

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		4.1	4.4	4.4	4.3	4.0	3.1	3.7	3.9	4.1	4.0	4.0	-	3.9	3.8	3.6	3.5	3.9	3.1	2.5	2.3	2.5	2.7	3.1	3.3	-	-	-	-	-	b	1		
2		3.6	3.4	3.3	3.3	3.6	3.2	4.3	4.3	4.2	3.5	3.4	3.7	3.7	3.4	3.6	4.1	4.3	4.5	3.2	3.3	-	-	-	-	-	-	-	-	-	b	2		
3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r	3	
4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r	4	
5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r	5	
6		4.2	4.3	3.1	4.2	4.1	4.2	3.3	4.6	4.2	3.4	3.0	2.9	3.9	4.6	4.5	3.6	2.9	3.3	3.0	2.3	2.4	3.1	3.1	3.2	-	-	4.0	7.2	1.9	5.3	o	6	
7		3.4	3.5	3.7	3.0	2.7	4.6	4.9	5.0	4.1	3.2	4.0	4.5	3.1	4.7	4.0	5.0	4.2	3.2	3.2	2.9	2.9	3.2	3.5	4.1	-	-	3.9	9.8	2.4	7.4	o,r	7	
8		4.6	4.3	4.2	4.9	3.3	4.8	5.0	3.4	5.0	4.8	4.9	4.5	4.9	4.8	4.2	4.8	5.0	4.6	4.1	4.1	4.5	3.9	3.7	3.4	-	-	4.6	3.8	3.3	2.5	o,r	8	
9		3.7	4.0	3.7	3.4	3.2	3.0	(2.8)	(3.0)	(3.1)	(3.1)	(2.9)	3.2	3.4	3.3	2.9	3.0	3.2	-	(3.4)	3.5	4.2	4.2	4.2	4.6	-	-	-	-	-	-	o,r	9	
10		4.5	4.4	(4.2)	3.6	3.8	3.7	3.6	4.5	4.5	(3.9)	(3.4)	(3.3)	3.0	(3.0)	(3.0)	3.1	3.2	(2.3)	(1.9)	2.1	3.1	4.2	(4.2)	(4.3)	-	-	(3.5)	4.8	(1.8)	(3.0)	o,r	10	
11		4.3	4.4	4.5	4.6	4.5	4.6	4.8	(4.9)	(4.8)	(4.3)	4.2	3.8	4.7	(4.8)	(4.7)	4.6	4.1	3.2	3.4	2.7	2.6	2.3	3.4	-	-	-	(4.3)	6.2	1.9	4.3	o,r,1	11	
12		3.8	3.1	3.8	3.9	(4.1)	(3.6)	(3.3)	3.6	(3.9)	4.1	(4.2)	4.3	(4.3)	(4.3)	4.3	4.8	4.0	3.6	3.3	4.0	3.7	4.0	(2.9)	(2.7)	-	-	(4.0)	10.0	2.1	7.9	o,r,2,m	12	
13		(2.4)	(2.3)	(2.4)	(2.0)	(2.3)	(2.6)	3.0	(2.9)	-	2.9	2.7	2.7	2.7	3.0	3.4	3.0	3.4	3.1	3.0	2.9	2.1	1.9	2.0	2.4	-	-	-	-	-	-	o	13	
14		2.4	2.9	3.2	3.6	3.2	2.6	3.0	4.3	4.1	3.7	3.2	2.8	2.9	3.1	2.7	3.1	2.5	2.9	2.5	3.3	4.0	4.1	4.1	4.1	-	-	3.3	4.8	2.0	2.8	o	14	
15		4.6	4.3	3.8	3.7	3.3	3.1	3.4	3.3	3.2	3.2	3.4	3.8	3.7	3.8	3.4	3.3	2.2	1.6	1.6	2.0	2.3	2.4	2.7	-	-	3.1	4.7	2.3	3.4	o,r	15		
16		2.9	3.0	3.0	3.0	3.1	3.5	3.7	4.0	4.0	3.9	3.6	3.6	3.7	3.7	3.3	3.2	2.9	2.9	2.6	3.4	4.0	4.0	4.0	3.9	-	-	3.5	4.3	2.4	1.9	o	16	
17		4.0	3.9	4.1	4.2	4.5	4.5	4.0	3.8	4.8	5.2	5.0	4.9	3.8	3.5	3.4	4.0	3.9	2.8	1.7	1.4	1.3	1.3	1.4	1.4	-	-	3.4	5.6	1.1	4.5	o,r	17	
18		3.5	3.8	2.1	2.4	2.8	3.0	3.3	3.0	3.6	4.2	4.4	4.6	4.1	3.9	3.7	3.6	2.7	2.1	3.7	3.6	3.8	3.9	3.9	-	-	2.9	6.5	1.1	5.4	o,r,2	18		
19		2.1	2.0	2.2	2.7	2.7	2.5	2.6	3.6	3.8	4.0	4.9	4.8	4.5	3.1	3.2	4.1	3.7	2.8	2.7	2.4	2.7	3.4	3.1	3.2	-	-	3.4	6.1	1.8	4.3	o,r,m	19	
20		3.1	2.2	2.7	3.0	2.8	3.4	3.1	3.1	3.5	3.8	4.0	3.2	4.8	4.2	3.9	3.7	3.2	2.3	1.8	1.6	1.8	2.9	4.2	4.9	-	-	3.3	6.4	1.1	5.3	o,r	20	
21		3.6	3.6	3.7	4.8	4.8	4.4	4.5	4.8	4.6	4.7	3.3	3.2	3.2	3.0	4.0	4.0	3.8	3.7	3.6	3.4	3.3	2.8	2.9	2.9	-	-	4.4	6.5	2.4	4.1	o,r	21	
22		3.0	2.7	2.8	2.9	2.9	3.0	3.1	3.2	3.2	3.3	3.5	4.0	4.2	3.6	4.6	4.6	4.7	3.9	3.8	4.3	4.8	4.8	4.8	5.0	-	-	3.8	5.5	2.5	3.0	o,r,wind	22	
23		3.5	3.0	4.8	4.2	4.6	4.6	4.4	3.9	4.1	(4.2)	(3.9)	3.9	(3.7)	4.5	4.7	4.0	3.8	3.9	3.6	4.0	4.3	4.3	4.0	4.0	-	-	4.3	5.9	3.4	2.5	o	23	
24		3.9	3.8	3.6	3.1	3.4	3.2	3.8	3.6	3.7	3.8	2.6	3.2	3.4	4.0	3.6	3.2	2.5	2.4	2.6	2.9	3.0	3.0	3.0	3.1	-	-	3.5	5.0	2.1	2.9	o	24	
25		3.2	4.6	4.2	4.2	6.1	6.6	6.2	5.9	7.1	7.2	6.9	7.1	5.9	6.0	6.2	4.9	5.0	5.6	5.5	6.2	6.1	6.5	6.9	3.1	-	-	5.9	17.0	3.5	13.5	o,r,wind	25	
26		3.2	3.3	4.3	3.3	4.5	4.3	3.6	3.9	4.1	4.2	3.4	3.7	4.0	3.6	3.1	4.0	4.0	4.1	4.9	5.1	3.1	4.9	5.1	4.6	-	-	4.4	6.1	2.9	3.2	o	26	
27		4.9	5.0	3.4	3.6	4.9	4.5	3.9	3.4	3.2	3.1	2.9	2.8	3.2	3.0	2.7	2.6	2.4	2.0	1.5	1.6	1.8	2.6	2.8	2.6	-	-	3.3	6.1	1.3	4.8	o	27	
28		2.4	2.2	1.8	1.9	1.9	2.1	2.4	2.4	2.8	3.1	3.2	3.8	3.9	4.2	4.3	4.8	3.1	4.5	4.0	3.6	3.3	4.0	4.1	3.9	3.7	-	-	3.4	6.1	1.6	4.5	o,m,4	28
29		3.5	2.9	2.8	3.0	3.2	3.0	2.9	3.1	3.3	3.6	3.7	3.3	3.2	3.0	3.1	2.7	2.1	1.5	1.2	1.3	1.5	2.0	2.8	3.7	-	-	2.8	6.0	1.1	4.9	o	29	
30		4.1	4.9	5.9	6.4	5.8	5.0	4.0	4.7	4.6	4.3	4.0	4.5	4.1	4.7	4.4	4.2	2.7	2.6	2.8	1.8	1.6	1.7	1.4	1.6	-	-	3.8	8.5	1.1	7.4	o,r	30	
A		4.0	4.0	4.1	4.6	4.2	3.8	4.0	3.8	3.8	3.8	3.5	3.5	3.6	3.9	3.5	3.4	3.3	3.0	2.3	2.7	2.7	3.0	3.0	3.4	-	-	3.5	-	-	-	-	-	
H		3.9	3.9	3.8	3.8	3.9	3.8	3.8	3.9	4.1	4.0	3.9	3.9	4.0	4.0	3.9	3.9	3.6	3.3	2.9	3.0	3.1	3.4	3.4	3.5	-	-	3.7	-	-	-	-	-	

Octobre - October

CONDUCTIBILITE D'AIR (POSITIVE) $\times 10^{-15}$ ($\text{cm}^{-1} \text{m}^{-1}$)
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ ($\text{cm}^{-1} \text{m}^{-1}$)

1983
1983 - OCT

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		2.4	2.1	2.4	2.7	2.9	3.0	2.8	3.1	3.5	4.6	4.6	4.0	4.2	4.0	4.8	4.9	3.9	3.1	2.7	2.7	2.9	2.3	2.2	2.1		-	3.3	5.8	2.0	3.8	e,hf,r,m	1	
2		2.3	2.3	2.0	1.7	1.8	2.0	2.0	2.8	3.6	3.7	3.9	3.2	3.3	3.7	3.2	3.0	2.3	1.8	2.1	2.8	2.9	3.3	3.7	3.7		-	2.8	4.5	1.6	2.9	e,hf,m,r	2	
3		3.4	3.4	3.4	2.9	3.0	3.6	2.9	2.9	[2.9]	3.0	3.1	3.2	3.3	3.5	3.7	3.7	3.7	2.9	2.3	2.0	1.8	1.6	1.3	1.4		-	2.9	4.2	1.0	3.2	e,f,m,r,d	3	
4		2.1	2.4	2.5	2.4	2.1	2.1	2.9	3.4	[3.6]	[3.9]	3.7	3.6	3.6	3.2	3.7	3.2	2.8	2.1	1.4	1.0	1.1	1.4	1.8		-	2.6	5.6	0.8	4.8	e,d	4		
5		2.3	2.4	2.3	2.2	2.0	1.8	1.8	2.4	2.4	2.9	2.7	2.4	2.8	3.0	3.1	3.1	2.7	3.5	-	4.0	2.0	1.6	2.0	1.3		-	-	-	-	-	e,m,d,l	5	
6		3.4	3.4	3.3	3.3	1.6	3.6	[2.1]	[3.6]	-	[2.9]	2.6	2.9	2.9	2.9	2.7	2.6	2.9	2.9	2.7	4.3	7.0	5.2	5.9	6.3	7.1		-	-	-	-	-	e,m,r	6
7		6.9	6.9	6.9	6.3	5.7	4.9	4.2	3.6	3.3	3.1	3.2	2.7	2.7	3.9	2.9	2.0	2.0	1.8	1.8	2.0	2.1	2.3	2.3	2.4		-	3.6	7.5	1.6	5.9	e,r	7	
8		2.4	2.7	2.9	2.8	2.9	3.2	3.5	3.4	3.0	3.1	2.9	2.9	2.9	3.0	2.7	3.0	3.0	2.6	3.4	2.9	4.0	3.4	3.5	3.2		-	3.1	4.7	1.7	3.0	e,r	8	
9		-	-	[3.0]	3.0	-	-	[3.0]	2.7	2.6	2.3	2.3	2.7	2.6	2.9	3.0	2.0	3.3	3.2	3.2	3.3	3.6	4.1	2.8	3.7		-	-	-	-	-	e,r	9	
10		4.2	3.7	3.8	3.2	3.8	3.3	3.0	2.9	3.3	4.1	3.2	3.6	4.6	4.8	4.2	2.8	1.7	0.8	1.2	2.0	2.5	2.4	2.6	2.4		-	3.2	5.3	0.6	4.9	e,r	10	
11		3.4	3.9	3.9	4.4	4.7	4.5	4.6	[4.0]	3.6	2.9	2.3	2.4	2.7	2.7	2.8	2.3	2.7	2.3	3.7	4.5	3.8	2.9	2.9	3.1		-	3.4	9.5	1.8	7.7	e,r	11	
12		3.3	3.7	4.1	3.7	3.6	3.9	3.3	3.9	3.5	3.7	3.6	3.3	3.2	3.1	2.9	3.2	3.2	1.7	2.4	2.9	2.4	3.0	3.1	3.2		-	3.2	11.5	3.0	10.5	e,r	12	
13		3.3	3.0	2.8	2.7	2.6	2.4	2.5	2.4	2.7	3.0	3.0	3.0	2.8	2.6	2.3	1.8	1.0	0.8	0.8	1.3	1.3	1.3	1.6	1.7		-	2.2	3.7	0.6	3.1	e,r	13	
14		3.7	2.0	2.2	2.3	2.1	1.9	2.0	2.6	2.7	2.9	2.7	2.8	2.9	2.9	3.0	1.8	1.3	1.5	1.4	1.6	1.7	1.8	1.8	1.9		-	2.1	3.2	0.9	2.3	e	14	
15		2.3	2.4	2.4	2.4	2.3	2.3	2.4	2.7	3.2	3.0	3.0	3.0	2.7	2.5	2.3	1.6	1.6	1.7	1.5	1.5	2.4	2.5	2.4	1.4		-	2.3	4.2	1.0	3.2	e,r,f	15	
16		3.3	3.4	3.5	3.8	3.8	3.8	2.1	2.6	3.2	3.3	3.6	3.7	3.7	3.7	3.5	3.1	2.6	2.8	3.3	3.2	3.3	3.5	3.6	3.6		-	2.8	4.1	1.0	3.1	e,f,m	16	
17		3.6	3.6	3.6	3.5	3.3	4.1	3.5	[3.1]	2.5	2.3	3.0	-	2.4	2.4	2.4	2.2	2.3	1.3	1.7	2.6	3.1	1.7	1.0	2.1		-	-	-	-	-	e,r,m,f	17	
18		2.9	1.6	1.1	1.1	1.4	1.4	1.6	2.4	2.6	2.5	2.4	2.7	3.3	3.6	2.7	2.6	1.4	0.8	1.0	1.0	1.1	1.3	1.4	1.8		-	1.9	4.4	0.4	4.0	e,f,m	18	
19		2.0	2.1	2.2	2.3	1.7	2.4	1.5	2.4	2.9	3.0	3.9	4.3	4.0	4.0	4.2	3.7	3.3	3.2	3.6	3.7	3.7	4.0	4.6	4.0		-	3.3	5.2	1.0	4.2	e,r	19	
20		3.9	4.0	3.9	3.8	3.9	3.8	3.7	3.7	3.6	3.5	3.2	3.2	2.9	2.5	2.7	2.9	2.9	2.4	2.3	1.8	2.0	2.3	2.1	1.4		-	3.0	4.5	1.1	3.4	e,r	20	
21		2.2	2.6	3.7	4.3	4.4	3.3	3.3	3.2	3.4	3.3	3.3	3.5	3.7	3.9	4.6	3.7	2.9	2.7	2.3	2.1	1.8	1.8	1.9	1.9		-	3.1	5.9	1.5	4.4	e,r	21	
22		2.1	3.3	3.5	2.3	1.8	1.9	1.8	2.0	2.1	2.1	2.3	2.9	3.7	4.2	3.6	2.9	2.7	2.7	3.1	3.7	3.1	4.0	3.8	3.7		-	2.9	4.9	1.6	3.3	e	22	
23		3.9	3.9	3.9	4.0	3.7	3.7	3.5	3.3	3.2	2.9	2.5	2.9	3.2	3.4	3.3	3.2	3.6	3.8	3.1	3.0	3.3	4.1	3.6	2.6		-	3.4	4.6	2.1	2.5	e	23	
24		2.5	2.6	2.1	1.9	1.9	1.8	1.3	1.7	1.9	2.3	2.5	2.4	2.3	2.3	1.7	1.0	0.8	0.6	0.4	0.7	0.7	0.8	1.0		-	1.6	3.2	0.3	2.9	e,hf,m,f	24		
25		1.3	2.1	2.3	1.8	1.1	1.4	1.7	1.6	3.0	3.8	4.5	3.9	3.2	2.9	2.8	1.6	1.1	0.5	0.3	0.5	1.1	1.3	1.6	2.1		-	2.0	5.4	0.1	5.9	e,hf,f,m	25	
26		2.7	3.2	3.5	3.6	3.6	3.0	3.0	2.6	2.4	2.1	2.1	[2.3]	2.6	2.7	2.9	2.5	2.3	2.1	2.1	2.3	2.3	2.6	2.9	3.0		-	2.7	4.0	2.0	2.0	e,m,r,d	26	
27		3.3	3.8	3.9	4.2	4.4	4.2	3.7	[3.6]	[3.4]	2.9	2.5	2.4	2.7	2.5	1.8	[1.4]	1.1	1.1	1.0	1.3	1.2	1.2	1.4	1.5		-	2.7	4.9	0.9	4.0	e,m	27	
28		1.6	1.6	1.8	1.8	1.9	1.8	[2.1]	3.1	2.2	3.0	3.1	3.5	3.6	3.2	3.2	2.9	2.7	2.2	2.1	2.1	1.7	1.9	2.0	2.3		-	2.4	3.9	0.6	3.3	e,m	28	
29		2.4	2.6	2.6	1.7	1.7	1.8	1.4	2.4	2.7	3.2	3.4	3.1	3.6	3.2	3.9	2.5	1.8	1.4	1.3	1.4	1.6	1.4	1.2	1.3		-	2.2	4.9	0.8	4.1	e,m,r,d	29	
30		1.3	1.3	1.3	1.5	1.4	1.4	1.3	1.3	1.6	2.3	3.3	3.9	3.8	3.6	2.6	2.4	3.3	4.2	2.4	1.7	1.6	2.0	2.4	2.4		-	2.3	4.9	0.9	4.0	e,f	30	
31		2.6	2.7	2.7	2.6	2.5	2.1	2.1	1.8	2.4	2.6	3.0	3.2	3.2	3.3	2.6	2.0	2.9	2.4	3.0	2.9	2.7	2.6	3.2	3.6		-	2.7	3.9	1.5	2.4	e,f,m,r	31	
A		3.5	4.0	4.1	3.8	3.6	3.1	3.0	2.7	2.8	3.1	3.2	3.0	3.0	3.0	2.8	2.1	1.7	1.8	2.2	2.2	2.1	3.1	3.3	3.6		2.8							
N		2.7	2.8	2.9	2.8	2.7	2.7	2.6	2.8	2.9	3.0	3.1	3.1	3.2	3.2	3.1	2.7	2.5	2.2	2.2	2.4	2.4	2.5	2.5	2.6		2.7							

Novembre - November

CONDUCTIBILITE D'AIR (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)1963
TMO - 002

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication de temps Type of weather	Date
1		3.7	4.3	4.7	5.0	5.2	5.3	4.4	4.2	4.5	4.3	5.0	5.3	5.1	4.9	4.6	4.7	4.9	5.2	5.9	4.2	3.8	3.4	3.4	3.3	-	4.5	6.2	2.6	3.6	o,r	1	
2		3.6	3.3	3.1	3.2	3.5	3.4	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.3	1.7	1.3	1.3	1.3	1.3	1.3	1.3	-	2.6	3.9	1.0	2.9	o,d,m	2	
3		3.6	3.6	3.8	3.6	3.6	3.3	3.1	3.1	3.2	2.1	3.7	3.9	4.4	4.1	3.0	1.6	1.5	2.2	2.7	3.0	3.2	3.2	3.3	3.6	-	2.4	4.8	0.8	4.0	b,f,m,hf	3	
4		3.6	3.6	3.2	3.0	3.1	2.6	2.3	2.1	2.3	2.6	3.2	3.4	3.3	3.2	2.1	1.5	1.3	1.3	1.3	1.3	1.6	1.7	2.4	2.3	-	2.4	3.9	1.1	2.8	o,m,f,hf	4	
5		2.3	2.4	2.3	2.3	2.1	2.0	2.3	2.4	2.1	2.2	2.4	2.6	2.6	2.7	(2.5)	1.5	0.8	0.6	0.6	0.6	0.7	1.0	1.0	1.3	-	1.8	2.9	0.4	2.5	o,m,f	5	
6		2.3	1.5	1.4	1.3	-	-	1.7	1.4	1.7	2.0	2.3	2.5	2.4	2.2	1.8	1.7	2.0	1.6	1.4	1.6	1.6	2.0	2.0	2.0	-	-	-	-	-	o,f,m	6	
7		2.3	1.3	1.5	1.9	2.8	2.3	2.1	2.0	-	2.1	-	-	2.7	-	-	1.7	1.6	1.4	1.3	1.4	1.4	1.6	1.7	1.7	-	-	-	-	-	o,f	7	
8		1.7	1.7	2.0	2.2	2.2	2.0	2.0	-	-	-	-	2.1	2.2	2.0	1.8	1.6	1.3	1.4	1.4	1.6	1.7	1.9	2.1	2.3	-	-	-	-	-	o,f	8	
9		2.3	2.4	2.4	2.3	2.3	2.2	2.1	2.3	2.3	2.3	2.7	2.9	3.0	2.7	1.9	1.2	0.9	0.5	0.6	0.5	0.6	0.6	-	-	-	-	-	-	-	o,f,m	9	
10		-	-	-	-	-	-	-	(1.6)	1.0	1.3	1.5	1.3	1.9	1.7	1.3	1.3	1.4	1.4	1.3	1.3	1.2	1.4	1.4	1.3	-	-	-	-	-	o,f	10	
11		1.3	1.8	2.0	4.0	5.3	6.2	7.3	5.2	3.0	5.5	5.4	6.1	5.8	5.2	4.2	(2.3)	2.7	3.2	3.7	4.0	3.6	3.7	4.1	4.8	-	4.3	8.5	1.0	7.5	o,r,m	11	
12		5.1	5.5	6.7	6.2	5.4	4.8	3.4	2.7	2.8	3.2	3.2	3.6	3.3	2.2	1.7	2.0	2.9	3.4	2.3	1.4	1.4	1.4	1.7	2.7	-	3.3	7.1	1.1	6.0	o,hf,m	12	
13		4.5	5.0	4.6	3.7	2.5	3.1	2.4	2.0	2.1	2.1	2.4	2.4	2.4	2.5	2.3	1.9	1.7	1.7	1.5	1.5	1.3	1.3	1.4	1.7	-	2.4	5.6	1.2	4.4	b,hf	13	
14		2.0	2.1	2.2	2.1	2.2	2.6	2.4	2.0	2.3	2.6	2.2	2.3	2.3	2.3	1.7	1.7	1.6	1.6	1.7	2.3	2.4	2.3	2.4	2.4	-	2.1	3.4	1.4	2.0	o,hf,m	14	
15		2.6	2.6	2.6	2.5	2.5	2.8	3.5	3.2	3.0	2.8	2.8	2.9	2.8	3.1	3.3	3.0	2.7	2.9	2.9	2.4	2.0	2.2	2.3	2.6	-	2.8	3.8	1.8	2.0	o,e	15	
16		2.7	2.6	2.5	2.6	2.9	2.8	2.9	2.6	2.5	2.6	2.5	2.7	2.6	2.6	2.4	(2.3)	2.3	2.0	1.8	1.8	1.3	1.2	2.7	2.7	-	2.5	3.6	1.6	2.0	o,e,r	16	
17		2.8	3.0	2.7	2.4	2.5	2.3	2.1	2.0	2.0	2.3	2.3	2.3	2.6	2.3	2.1	1.9	1.8	1.8	2.0	2.3	2.4	2.5	2.0	2.0	-	2.3	3.3	1.7	1.6	o,e	17	
18		1.3	1.6	1.7	2.0	2.1	2.4	2.8	1.9	1.8	2.5	3.2	3.1	2.6	2.5	2.4	2.3	2.1	2.1	2.3	2.2	2.4	2.0	2.1	2.0	-	2.2	3.7	1.2	2.5	o,f	18	
19		2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.8	1.7	1.5	1.6	1.7	1.8	1.9	1.8	1.5	1.5	1.7	1.8	1.7	1.6	2.0	2.3	2.4	-	1.8	2.5	1.3	1.2	o,f,m	19	
20		2.4	2.3	2.4	2.3	2.3	2.4	2.6	2.7	2.7	3.0	3.4	3.6	3.3	3.3	3.2	3.1	3.0	2.7	2.7	3.0	3.2	2.9	2.7	2.6	-	2.8	3.9	2.1	1.8	o,r,d,m	20	
21		2.7	2.7	2.9	2.9	3.0	2.9	3.2	3.1	2.7	2.5	2.3	2.7	3.9	3.4	3.3	3.3	2.7	3.0	3.4	3.9	4.3	4.3	2.7	2.7	-	3.1	10.9	1.8	9.1	o,e,r	21	
22		3.1	3.7	3.9	4.8	4.1	2.9	2.6	2.6	2.9	2.9	2.9	2.7	2.5	-	3.8	3.2	2.8	2.1	1.8	1.2	1.3	1.8	2.0	2.1	-	-	-	-	-	o,e,wind	22	
23		2.4	-	-	-	-	-	3.8	3.9	4.3	4.6	4.1	3.7	3.5	3.5	3.6	2.9	2.8	2.9	3.1	2.7	2.5	2.1	2.2	2.1	-	-	-	-	-	o,e,wind	23	
24		1.8	1.8	1.8	1.4	1.3	1.4	1.3	1.3	1.4	1.6	1.7	2.2	1.9	1.4	1.0	1.1	1.0	1.0	1.1	1.3	1.4	1.5	1.6	1.6	-	1.5	2.3	0.7	1.6	b	24	
25		1.6	1.7	1.8	2.0	2.1	1.8	1.7	1.6	1.6	1.7	2.1	2.1	2.1	1.8	1.6	1.4	1.4	1.9	2.4	2.1	2.1	2.0	1.9	2.3	-	1.9	3.0	1.4	1.6	o,hf,o,r	25	
26		1.8	1.7	2.0	2.0	2.0	2.1	1.6	1.6	1.6	1.3	1.5	1.4	1.6	2.5	2.4	2.4	2.4	2.6	3.0	3.3	3.5	3.6	4.0	3.7	-	2.3	4.1	1.1	3.0	o,m,r	26	
27		3.0	3.4	2.9	2.9	2.7	2.7	2.4	2.4	-	-	3.6	4.2	4.5	3.6	3.3	3.2	3.3	3.7	3.7	3.4	3.9	4.7	4.8	4.8	-	-	-	-	-	o,r	27	
28		4.8	5.4	5.6	5.9	5.2	4.6	3.8	3.4	2.5	2.7	2.7	2.0	1.7	1.6	2.1	-	2.6	3.3	6.2	6.1	5.0	7.5	-	-	-	-	-	-	-	o,r,m	28	
29		3.9	8.9	8.1	8.4	6.9	5.7	5.3	4.9	4.2	4.7	5.1	5.6	5.1	4.9	3.7	4.2	3.3	4.6	4.1	4.3	3.6	3.2	2.9	2.7	-	5.2	13.6	2.5	11.1	o,g	29	
30		3.6	4.1	5.8	5.3	3.3	4.0	3.5	3.2	4.2	4.3	3.7	4.3	4.7	4.1	3.9	3.0	3.5	4.2	4.1	4.7	3.2	5.3	5.5	5.6	-	4.3	7.5	2.6	4.9	o,e	30	
A		4.4	3.6	3.9	4.6	5.4	4.8	3.4	2.7	2.4	2.1	2.6	2.8	3.2	3.0	2.4	1.7	1.8	2.7	3.2	3.2	3.1	3.0	3.2	3.5	-	2.9	-	-	-	-	-	
N		2.9	3.0	3.1	3.2	3.1	3.0	2.8	2.5	2.6	2.7	2.9	3.0	3.0	3.0	2.6	2.3	2.2	2.3	2.4	2.4	2.4	2.5	2.5	2.6	-	2.7	-	-	-	-	-	

Décembre - December

CONDUCTIBILITE D'AIR (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15}$ ($\Omega^{-1} m^{-1}$)

1963
TWO - GMT

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		5.8	6.1	6.1	6.2	6.1	5.5	5.1	4.6	4.6	3.3	2.7	2.6	2.5	2.0	1.6	1.2	1.0	0.8	1.0	1.8	1.7	2.4	3.4	4.6	-	3.4	7.5	0.7	6.8	c	1		
2		4.8	4.0	4.4	4.3	2.3	2.3	1.7	2.3	3.4	3.0	3.3	3.2	3.2	2.6	1.5	0.9	0.7	0.6	0.6	0.6	(0.8)	(0.8)	(0.8)	-	(2.4)	6.0	0.4	5.6	c,m	2			
3		(0.8)	1.2	1.7	1.4	1.4	1.4	1.1	1.2	(1.0)	1.8	1.6	1.7	1.9	1.7	1.5	0.9	0.7	0.7	1.0	1.2	1.1	1.1	0.9	1.3	-	1.3	2.3	0.6	1.7	c,hf	3		
4		1.4	1.6	1.8	2.1	1.8	1.9	1.8	1.6	1.6	1.7	1.6	1.7	1.8	1.6	1.8	1.7	1.6	1.7	2.1	2.0	2.5	2.5	2.1	2.0	2.0	-	1.8	2.7	1.1	1.6	c,hf	4	
5		2.5	2.5	2.2	2.2	2.1	1.9	1.9	1.7	1.8	2.8	3.1	3.1	3.0	2.9	2.6	1.6	1.5	1.6	1.6	1.6	1.7	2.3	2.2	2.1	-	2.2	3.4	1.3	2.1	c,hf	5		
6		2.7	3.1	3.3	3.1	3.1	2.5	1.9	2.5	3.0	2.9	2.5	2.1	1.9	2.0	1.8	1.8	2.3	2.3	2.1	1.8	2.0	2.0	1.8	2.0	-	2.4	1.4	1.7	2.2	c,hf,d,s	6		
7		2.2	2.1	2.3	2.0	1.9	2.0	1.8	2.1	1.8	1.5	1.6	1.8	2.4	2.1	1.6	1.3	1.1	1.2	1.2	1.2	1.2	1.2	1.5	1.7	2.0	-	1.7	2.7	1.1	1.6	c,r,s	7	
8		1.9	1.7	(1.7)	-	2.0	1.8	1.9	1.8	1.7	1.6	(1.5)	(1.7)	2.0	2.1	2.5	1.5	1.1	1.2	1.8	2.4	1.8	1.4	1.7	2.1	-	-	-	-	-	-	c	8	
9		1.9	2.4	2.4	2.3	2.1	1.8	(1.6)	1.6	1.6	1.8	1.8	1.8	2.1	2.1	1.9	1.7	1.7	2.2	1.9	1.7	2.0	2.1	2.2	-	1.9	3.0	1.4	1.6	c,hf,s	9			
10		2.9	2.1	2.1	2.1	2.6	2.7	2.4	2.4	2.4	2.3	2.3	2.2	2.1	1.7	1.6	1.6	1.5	1.5	2.1	2.9	3.6	3.7	4.8	5.4	-	2.5	6.5	1.7	5.7	c,s,r	10		
11		2.0	6.9	7.9	6.6	6.4	6.5	6.5	4.6	3.4	2.8	3.0	2.9	2.9	2.6	2.5	2.3	1.8	1.7	1.7	1.7	1.6	1.8	1.6	1.6	-	3.8	14.3	1.3	13.0	c,hf	11		
12		1.9	2.5	2.9	3.1	2.6	2.5	2.4	2.4	2.4	2.7	2.8	2.6	2.5	2.7	2.5	2.7	2.3	2.4	2.3	2.7	2.0	2.8	1.8	1.9	-	2.4	3.4	1.4	2.0	c,s,r	12		
13		2.2	2.3	2.7	2.0	1.6	1.7	1.4	1.2	1.2	1.2	1.3	(1.3)	1.4	1.4	1.4	1.3	1.3	1.4	1.6	1.5	1.0	1.0	1.0	1.1	-	1.5	2.5	0.8	1.7	c,hf,s	13		
14		1.3	1.4	1.8	1.7	1.7	1.5	(1.6)	1.1	1.3	1.4	1.5	1.6	1.6	1.6	1.1	1.0	1.1	1.0	1.1	1.4	1.3	1.2	1.3	1.4	1.4	-	1.4	2.1	0.9	1.2	b	14	
15		1.6	2.0	2.1	2.0	1.7	1.3	1.7	1.8	2.1	2.2	2.3	2.4	2.9	2.7	2.4	2.4	1.6	1.7	1.7	2.4	2.5	2.4	2.5	2.1	-	2.1	3.2	1.2	2.0	b	15		
16		2.1	2.9	3.0	3.2	2.7	2.1	2.0	2.1	2.2	2.6	3.0	3.2	(3.3)	3.3	2.9	2.9	3.0	3.0	3.0	2.7	2.7	2.9	2.9	3.2	-	2.8	3.6	1.8	1.8	b	16		
17		3.6	3.9	4.1	4.0	3.8	3.6	3.7	2.9	2.6	3.2	2.3	2.6	2.4	2.6	2.7	2.9	2.9	2.5	3.0	3.1	3.2	3.2	3.2	3.2	-	3.7	4.3	1.8	2.5	c	17		
18		3.4	3.3	3.3	3.6	3.7	3.0	3.9	3.5	2.6	2.4	2.2	2.3	2.2	2.1	1.8	1.7	1.8	1.8	1.8	2.0	2.6	2.6	2.4	2.7	-	2.6	4.3	1.5	2.8	c,r	18		
19		2.7	2.5	2.8	2.9	2.5	2.3	1.9	1.8	-	2.7	2.8	3.1	2.9	2.6	2.4	2.3	2.7	2.4	2.4	2.8	3.2	3.2	3.6	3.4	-	-	-	-	-	-	c,hf,r	19	
20		2.6	3.0	4.0	3.7	3.1	3.0	2.3	2.3	2.1	2.6	2.5	1.7	1.7	1.6	(1.3)	1.1	1.2	1.2	1.4	1.7	2.1	2.4	2.6	3.0	-	2.3	4.7	0.8	3.9	c,r,s	20		
21		3.2	3.3	2.5	2.0	1.7	1.8	-	-	1.6	1.5	1.5	1.8	1.9	1.7	1.5	1.0	1.2	1.5	-	1.5	-	-	-	-	-	-	-	-	-	-	-	c,r,s	21
22		1.9	1.7	1.6	1.5	2.1	2.2	(1.7)	1.8	1.7	1.7	1.7	1.6	1.6	1.4	1.4	(1.9)	(0.7)	(0.8)	(0.8)	(0.7)	(0.8)	0.9	1.3	1.4	-	(1.4)	2.9	(0.5)	2.4	c,r,s,r	22		
23		1.7	1.9	2.0	2.0	1.2	-	-	-	-	0.8	1.1	(1.5)	1.1	1.3	1.4	1.8	1.9	2.2	2.9	2.8	2.7	2.9	2.9	-	-	-	-	-	-	-	-	c,r,s,r	23
24		3.2	3.0	2.9	3.3	3.1	3.1	2.9	3.0	3.0	2.9	3.4	4.4	3.7	3.7	3.9	3.4	2.4	2.7	1.8	1.8	2.2	1.9	2.1	2.0	-	2.9	5.2	1.3	3.9	c,r	24		
25		1.9	1.9	2.6	2.7	2.4	3.0	2.8	2.7	2.9	2.7	2.9	2.9	3.2	3.1	2.4	2.8	2.6	1.7	2.2	3.7	3.7	3.4	2.7	-	-	2.7	4.3	0.8	3.5	c,r,d,s,r	25		
26		2.6	3.1	3.0	3.3	3.3	2.9	2.4	2.9	3.1	2.3	2.3	4.1	4.2	3.6	3.6	3.0	1.8	1.1	0.6	0.7	1.0	1.8	1.9	2.5	-	2.6	4.7	0.4	4.3	c,s,r,f	26		
27		3.1	4.4	5.9	5.5	5.9	5.0	5.8	4.7	4.5	3.7	4.3	3.2	4.7	3.2	2.9	1.4	2.9	3.7	3.0	3.4	3.0	2.9	2.7	-	-	4.0	6.9	1.3	5.6	c,r,wind	27		
28		3.3	3.2	3.5	3.5	3.6	3.0	3.5	4.0	4.1	4.4	4.5	4.2	4.4	4.2	4.4	4.5	4.2	3.6	3.9	4.6	5.1	5.4	6.9	-	-	4.2	8.8	2.6	6.2	c,r,wind	28		
29		10.1	8.0	6.5	5.4	5.4	5.2	4.3	4.0	3.0	3.0	3.0	3.2	3.2	3.0	3.2	2.8	2.8	2.6	3.2	3.7	3.9	2.9	3.9	-	-	4.3	10.8	2.2	8.6	c,r,wind	29		
30		3.7	3.1	3.2	2.8	2.9	2.4	1.8	1.6	1.9	2.0	2.3	2.3	2.7	2.7	3.7	3.0	4.0	3.8	3.6	3.0	4.3	4.8	6.1	6.7	-	3.2	7.1	1.2	5.9	c,r	30		
31		7.7	8.3	6.9	7.0	7.6	7.5	7.3	6.6	5.5	4.9	4.5	4.8	4.9	4.4	4.5	4.5	4.5	4.6	4.3	3.6	3.3	2.9	2.4	2.4	-	5.2	9.0	1.9	7.1	c,r,wind	31		
A		4.0	3.9	3.6	3.1	2.2	1.8	1.8	4.4	3.2	2.7	2.6	2.5	2.7	2.6	2.4	2.4	2.2	2.3	2.0	2.1	2.2	1.7	2.6	3.6	2.6								
H		3.2	3.3	3.3	3.2	3.1	3.0	2.8	2.6	2.6	2.5	2.6	2.6	2.6	2.5	2.4	2.1	2.0	2.0	2.0	2.1	2.3	2.4	2.5	2.7	2.6								

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Janvier - January

1963

Février - February

Date	I	II	III	M
1	5200	10100	10900	8700
2	11300	20300	23200	18300
3	7300	10900	14000	10700
4	9400	39300	11800	20200
5	10500	22500	18900	17300
6	30000	26000	19600	25200
7	25100	15200	15200	18500
8	7300	11300	10900	9800
9	5000	11400	13000	9800
10	6700	10900	7000	8200
11	11800	18200	10900	13600
12	11400	33500	45000	30000
13	13600	18300	24000	18600
14	7000	20300	12200	13200
15	11800	18300	5000	11700
16	8000	10900	16900	11900
17	7600	26000	11800	15100
18	6700	7300	6100	6700
19	4300	15800	12600	10900
20	15400	24400	21000	20300
21	10100	10900	7000	9300
22	16900	18200	16900	17300
23	6700	10100	10500	9100
24	14100	14600	20300	16300
25	4700	21100	14000	13300
26	8700	10900	10100	9900
27	9400	13200	15200	12600
28	10200	21000	14000	15100
29	5600	9800	8000	7800
30	6700	63500	30000	33400
31	7200	15100	17500	13300
M	10200	18700	15300	14700

Date	I	II	III	M
1	19600	28000	11800	19800
2	12200	21800	10900	15000
3	9400	22500	14500	15500
4	10600	20300	26000	19000
5	8700	14600	15600	13000
6	9400	14600	13500	12500
7	8000	18200	15600	13900
8	27000	22500	30000	26500
9	14600	14600	48000	25700
10	13600	26500	16900	19000
11	8000	25200	18900	17400
12	6200	13000	14100	11100
13	7000	19600	23200	16600
14	32000	14600	30000	25500
15	18300	13600	48000	26600
16	29000	26000	30000	28300
17	18200	28000	26000	24100
18	15100	10500	15100	13600
19	14600	22500	19600	18900
20	15200	11700	14600	13800
21	12200	29000	14000	18400
22	21000	28000	19600	22900
23	19600	32000	21000	24200
24	12200	10900	14000	12400
25	50700	21000	39500	37100
26	29000	21000	35500	28500
27	15600	38000	18900	24200
28	17600	22800	25000	21800
M	17000	21100	22500	20200

Note: I) 6¹⁰ - 6³⁰, II) 11⁰⁰-11³⁰, III) 18¹⁰-18³⁰ TMOx - GMT

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Mars - March

1963

Avril - April

Date	I	II	III	M
1	12600	26000	16900	18500
2	16900	22500	27000	22100
3	22500	14600	24000	20400
4	26000	19600	18900	21500
5	12200	13000	13200	12800
6	4300	7000	8000	6400
7	5800	24500	16200	15500
8	21000	26000	7700	18200
9	9000	13500	10100	10900
10	8000	9000	7300	8100
11	7300	26100	10900	14800
12	16900	39500	16400	24300
13	22500	25000	51000	32800
14	19000	35500	33000	29200
15	21000	22500	30000	24500
16	37000	25200	51000	37700
17	21800	13200	48000	27700
18	18900	32500	16900	22800
19	11800	(8600)	49500	(23300)
20	16200	10500	24000	16900
21	37000	22800	22500	27400
22	8700	9000	20300	12700
23	17500	12600	16900	15700
24	20400	37000	32000	29800
25	21000	30000	16200	22400
26	21000	11800	16900	16600
27	10100	11700	19600	13800
28	21000	5100	31000	19000
29	28000	22500	24500	25000
30	11800	16400	25000	17700
31	29000	37000	54000	40000
M	17900	20300	24500	20900

Date	I	II	III	M
1	39500	22500	43500	35200
2	18900	13000	27000	19600
3	12600	33000	6100	17200
4	9400	42000	12600	21300
5	8700	22500	37000	22700
6	52500	17000	10100	26500
7	18900	24500	19600	21000
8	15700	46500	21000	27700
9	8400	13000	14600	12000
10	10900	4300	29000	14700
11	28000	22400	63500	38000
12	11800	21800	22500	18700
13	9400	27900	18900	18700
14	23500	26000	14600	21400
15	20400	21000	12200	17900
16	23200	49500	27000	33200
17	13500	76000	34500	41300
18	20300	70500	21000	37300
19	23400	63500	20300	35700
20	17700	17500	25200	20100
21	27000	39500	52300	39600
22	23500	80000	74500	59300
23	22500	76000	12600	37000
24	10200	14600	28000	17600
25	20500	43500	20300	28100
26	10900	18900	18300	16000
27	11700	78000	29000	39600
28	26000	(38300)	55500	(39900)
29	31000	34000	32500	32500
30	13000	11800	23200	16000
M	19400	35600	27500	27500

NUMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Mai - May

1963

Juin - June

Date	I	II	III	M
1	7600	40500	21000	23000
2	16900	8000	15600	13500
3	18400	20600	21800	20300
4	13200	24500	16200	18000
5	19600	10100	15800	15200
6	12100	9400	16900	12800
7	11300	11700	27000	16700
8	8000	8700	14000	10200
9	21100	10600	6100	12600
10	15100	6100	24500	15200
11	12600	26200	19600	19500
12	18300	29000	52500	33300
13	16900	32000	9400	19400
14	14100	20300	4300	12900
15	6700	21000	22500	16700
16	40200	107000	25000	57400
17	19800	64000	29000	37600
18	23500	42000	30000	31800
19	6800	20800	16900	14800
20	9700	71000	15400	32000
21	16900	9400	13500	13300
22	9800	60000	14600	28100
23	7800	14100	6700	9500
24	13600	26000	10900	16800
25	18300	78000	15800	37400
26	12500	28000	22500	21000
27	17200	14600	15600	15800
28	18300	12600	13200	14700
29	8700	19600	13900	14100
30	9000	23200	14600	15600
31	12600	24000	15800	17500
M	14700	28800	18100	20500

Date	I	II	III	M
1	21800	14600	24000	20100
2	8700	43500	10900	21000
3	11800	34500	21800	22700
4	27200	29700	19600	25500
5	12200	16900	8400	12500
6	11100	51000	4100	22100
7	34000	19600	14600	22700
8	18900	37000	21000	25600
9	23100	120000	26000	56400
10	18200	10200	14600	14300
11	60500	64000	10100	44900
12	20300	21000	15100	18800
13	22500	18900	9800	17100
14	18200	15800	14000	16000
15	33500	18900	13000	21800
16	22100	61000	11400	31500
17	26000	68500	7300	33900
18	(10300)	4300	9100	(7900)
19	7300	4500	5200	5700
20	6200	5000	29000	13400
21	14600	55500	18300	29500
22	11700	26000	18200	18600
23	17600	48000	21000	28900
24	21000	88500	21100	43500
25	12600	21800	10100	14800
26	12600	61500	15200	29800
27	25200	17500	16200	19600
28	15600	25000	19600	20100
29	49300	57500	15600	40800
30	29000	163500	19600	70700
M	20800	40800	15500	25700

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Juillet - July

1963

Août - August

Date	I	II	III	M
1	26200	80500	12800	39800
2	10100	7000	8700	8600
3	9400	55500	10100	25000
4	23500	23200	8000	18200
5	13000	139000	12800	54900
6	14200	18400	4400	12300
7	12800	16200	21000	16700
8	16900	12300	9400	12900
9	9400	11800	9400	10200
10	19600	6700	11400	12600
11	12400	66000	18900	32400
12	11700	10900	10200	10900
13	11800	34500	21800	22700
14	10900	9400	9400	9900
15	17100	129000	19600	55200
16	19600	16900	13600	16700
17	4300	88000	22500	38300
18	25000	46500	39500	37000
19	24500	13000	12600	16700
20	14600	20400	19600	18200
21	19600	57000	20300	32300
22	15600	32500	16900	21700
23	10900	19600	18900	16500
24	5200	4900	14600	8200
25	31000	34500	18900	28100
26	21000	70500	8400	33300
27	19600	70500	27200	39100
28	17900	15600	15200	16200
29	22500	60500	25200	36100
30	5200	28000	16200	16500
31	18300	24500	14600	19100
M	15900	39500	15900	23800

Date	I	II	III	M
1	15800	68500	29000	37800
2	16400	86000	16900	39800
3	18200	35500	9000	20900
4	6700	10900	12600	10100
5	13900	36000	20300	23400
6	10900	4500	11700	9000
7	5200	5800	14200	8400
8	8000	8400	5400	7300
9	10900	6800	7600	8400
10	6100	7600	13000	8900
11	11800	16900	10500	13100
12	13200	25500	12200	17000
13	5600	46500	10900	21000
14	11800	21000	7000	13300
15	12600	21100	12200	15300
16	19600	42500	21000	27700
17	19600	49500	16800	28600
18	11100	28000	12100	17100
19	19600	71000	21000	37200
20	22500	16900	12800	17400
21	9800	5800	9400	8300
22	10600	7400	12400	10100
23	15800	6700	5800	9400
24	10200	98500	19800	42800
25	14700	7400	7700	9900
26	15200	19800	14600	16500
27	12600	77000	13600	34400
28	13000	10900	15100	13000
29	18100	29000	11800	19600
30	16900	32000	9400	19400
31	91300	(77500)	11800	(60200)
M	15700	31600	13100	20100

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Septembre - September

1983

Octobre - October

Date	I	II	III	M
1	21000	42000	22100	28400
2	29100	38000	15100	27400
3	12800	13200	26000	17300
4	6700	30500	7400	14900
5	19600	52500	17500	29900
6	42500	81500	21800	48600
7	22500	30000	10500	21000
8	5000	37000	8000	16700
9	18900	55500	16800	30400
10	12600	46300	11800	23600
11	6100	6700	10200	7700
12	11400	10100	13000	11500
13	9800	52500	8700	23700
14	19000	38000	19600	25500
15	23500	19600	23200	22100
16	19600	51000	30000	33500
17	13600	32500	21800	22600
18	5400	5100	10900	7100
19	32500	23500	10100	22000
20	13500	14200	14600	14100
21	8700	5900	4100	6200
22	17600	26000	5800	16500
23	12200	54000	11800	26000
24	10100	46500	15100	23900
25	6700	8400	12800	9300
26	19600	27500	9000	18700
27	12800	28000	34500	25100
28	8000	10100	10900	9700
29	21000	108500	46500	58700
30	16600	16400	7400	13500
M	15900	33700	15900	21800

Date	I	II	III	M
1	22100	98500	23200	47900
2	26000	127000	32000	61700
3	10100	17600	11300	13000
4	14700	14600	30000	19800
5	24500	43500	14000	27300
6	30000	79000	5400	38100
7	49500	80500	12200	47400
8	10900	14600	8000	11200
9	6200	9400	6700	7400
10	16400	49500	34500	33500
11	8000	139000	21000	56000
12	11300	15100	14100	13500
13	15800	15800	39500	23700
14	29000	86500	67000	60800
15	21100	40000	41000	34000
16	17500	16200	17600	17100
17	18200	39500	15600	24400
18	22500	11700	42500	25600
19	32500	12600	11700	18900
20	12600	34500	14000	20400
21	16900	23500	22500	21000
22	38000	21000	9000	22700
23	10100	16200	9800	12000
24	35500	22500	9400	22500
25	19600	31300	51000	34000
26	15800	14000	5100	11600
27	6700	21000	38000	21900
28	27000	19600	18200	21600
29	12400	8000	19600	13300
30	21100	8700	21000	16900
31	13600	12600	8700	11600
M	19900	36900	21700	26200

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Novembre - November

1983

Décembre - December

Date	I	II	III	M
1	6400	9800	8100	8100
2	9800	18200	19600	15900
3	64000	20300	13500	32600
4	26200	9800	32500	22800
5	10900	15100	45000	23700
6	14000	32500	21800	22800
7	18200	20300	9400	16000
8	6700	20700	6100	11200
9	15800	26000	67000	36300
10	16900	24200	13200	18100
11	6700	21800	11800	13400
12	21000	42500	11100	24900
13	14100	31000	22500	22500
14	13000	18900	22500	18100
15	8000	9800	9000	8900
16	8000	12600	15100	11900
17	22500	29000	26000	25800
18	19600	28600	18900	22400
19	13000	15600	15800	14800
20	8400	6400	11400	8700
21	6700	18200	10900	11900
22	18200	22500	22500	21100
23	8700	68000	33000	36600
24	49500	58300	48000	51900
25	28000	33000	14600	25200
26	15800	14600	8000	12800
27	9000	11700	10500	10400
28	14000	45000	8000	22300
29	7700	12400	9500	9900
30	21800	15200	11500	16100
M	16800	23700	19200	19900

Date	I	II	III	M
1	10200	21100	45000	25400
2	21100	16600	82500	40100
3	31000	21800	24200	25700
4	14700	24000	21000	19900
5	24500	19600	24500	22900
6	17100	50700	15100	27600
7	9400	34500	21800	21900
8	14700	27000	8400	16700
9	25200	41000	14600	26900
10	18300	19600	14600	17500
11	5000	27000	11800	14600
12	11700	12200	9400	11100
13	34500	54500	30000	39700
14	35000	52500	24500	37300
15	36000	45000	35000	38700
16	35500	37700	14600	29300
17	9800	26000	12200	16000
18	6700	18200	12600	12500
19	15400	21000	18200	18200
20	22500	51000	20400	31300
21	11800	31000	10900	17900
22	19000	55500	43500	39300
23	21000	30000	20300	23800
24	4900	10100	18900	11300
25	8400	6400	12600	9100
26	6400	4700	18300	9800
27	8700	14600	5200	9500
28	5600	8700	6100	6800
29	25500	24500	18900	23000
30	25000	27000	12200	21400
31	4500	16800	5400	8900
M	17400	27400	20400	21700

Janvier - January

LES ÉLEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1895

1895 - 002

Date	Pression barométrique Atmospheric pressure 900 + ... [hPa]				Température de l'air Air temperature [°C]								Tension de la vapeur Vapour pressure [hPa]				Humidité relative Relative humidity [%]					Vent-direction et vitesse Wind velocity and direction [m/s]							
	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N			
1	113.7	112.4	111.6	112.6	0.5	0.5	1.1	0.3	0.6	1.5	-0.1	1.6	-0.6	6.2	6.5	6.2	6.3	90	90	90	100	90	V	1	V	1	V	1	2.0
2	109.0	107.7	108.8	108.5	-0.4	-0.2	0.7	1.1	0.5	1.6	-0.6	2.2	-1.2	6.0	6.0	6.5	6.2	100	100	94	98	98	S	1	S	1	S	1	2.0
3	111.9	112.5	112.1	112.2	1.7	1.5	2.6	0.5	1.6	2.7	0.2	2.5	-1.1	6.3	6.6	6.0	6.3	92	92	89	94	92	V	2	V	1	S	1	1.3
4	101.4	98.2	92.7	97.4	-0.4	-0.3	1.4	4.6	1.3	4.6	-0.9	5.5	-2.5	5.8	6.8	8.5	7.0	92	98	100	100	98	SW	2	SW	2	SW	2	2.0
5	94.4	100.2	105.3	100.0	6.5	4.7	4.2	0.4	4.0	7.1	0.4	6.7	-2.6	8.0	6.1	5.9	6.7	98	94	74	94	90	V	5	V	4	0	0	3.0
6	107.2	106.8	107.7	107.2	-1.8	0.5	5.6	8.3	5.2	8.6	-2.4	11.0	-6.8	6.0	5.1	10.8	8.6	99	94	100	99	98	SW	2	SW	2	SW	2	2.0
7	105.4	105.2	110.5	107.0	6.4	4.8	7.6	3.4	5.6	8.3	2.9	5.4	1.6	8.2	8.8	7.4	8.1	95	95	84	95	98	SW	2	SW	2	SW	1	1.7
8	112.2	111.2	111.9	111.8	1.7	1.5	4.6	4.3	3.0	4.8	-0.9	5.7	-4.1	5.9	6.3	6.9	6.4	89	87	74	84	84	V	2	V	2	V	3	2.3
9	114.9	112.0	109.5	112.1	2.8	2.9	3.9	3.8	3.4	4.6	2.1	2.5	0.0	5.6	5.8	5.8	5.7	93	74	72	72	78	V	3	SW	3	SW	4	3.3
10	109.5	108.6	110.0	109.4	4.4	3.5	6.5	5.2	6.4	5.5	2.0	3.5	0.6	7.2	7.1	6.5	6.9	94	91	84	73	86	V	4	V	4	V	4	4.0
11	113.4	114.9	116.2	114.8	4.4	4.5	6.2	7.3	5.6	7.6	4.0	3.6	3.1	7.3	8.8	10.1	8.7	77	87	92	99	89	V	2	V	2	V	2	2.0
12	118.9	118.5	116.2	117.9	6.8	6.6	7.8	3.0	6.0	8.5	3.0	5.5	-2.2	8.6	8.4	7.2	8.1	90	88	79	95	88	V	1	SW	2	S	1	1.3
13	113.1	108.5	102.2	107.9	4.2	2.5	3.7	0.3	2.7	4.6	-0.2	4.8	-3.5	6.7	6.5	5.9	6.4	82	91	82	94	87	SW	2	SW	3	SW	1	2.0
14	94.2	94.9	94.3	94.5	2.1	3.3	2.9	1.9	2.6	4.2	0.0	4.2	-2.1	6.2	5.2	4.6	5.3	77	79	69	64	73	SW	4	SW	3	SW	3	3.3
15	83.4	78.4	77.6	79.8	0.0	-0.5	0.4	1.8	0.4	1.5	-1.4	3.3	-2.7	4.6	5.9	6.6	5.7	76	70	94	94	86	SW	4	SW	3	SW	3	3.3
16	78.8	82.2	85.6	82.2	1.6	-0.5	0.5	-0.2	0.4	2.1	-0.9	3.0	-2.8	5.7	5.7	5.8	5.7	94	98	90	96	94	SW	3	V	3	V	1	2.3
17	91.0	84.9	88.7	88.9	0.0	-1.7	0.7	5.6	1.2	5.6	-2.9	8.5	-12.0	5.5	6.3	7.5	6.4	94	98	98	83	93	V	2	SW	2	V	5	3.0
18	84.9	78.1	79.7	80.9	5.9	5.0	4.8	2.7	4.6	6.1	2.7	3.4	0.9	7.2	7.8	4.7	6.6	99	83	90	83	84	V	4	V	6	V	5	3.0
19	78.4	83.9	90.1	84.1	1.8	1.5	0.1	-1.5	0.5	2.7	-1.5	4.2	-3.0	4.8	4.1	3.2	4.0	63	70	67	99	65	V	7	V	4	V	4	3.0
20	98.2	104.8	110.7	104.6	-2.2	-1.7	-0.5	-1.7	-1.5	-0.4	-5.5	3.1	-6.5	4.1	4.3	3.4	3.9	75	75	74	63	72	V	3	SW	4	V	3	3.3
21	103.7	98.4	97.6	99.9	-3.3	-0.8	2.5	3.5	0.5	3.6	-5.9	9.5	-12.5	5.6	6.7	7.6	6.6	82	97	91	97	92	SW	4	SW	5	V	3	4.0
22	103.7	107.5	110.2	107.1	5.5	5.4	6.6	6.0	5.8	7.1	3.5	5.6	0.7	8.8	8.9	8.2	8.6	94	98	91	88	93	V	4	V	3	V	2	3.0
23	112.1	112.4	115.9	112.8	5.5	5.4	4.6	4.9	5.1	6.0	4.1	1.9	3.9	7.6	7.1	7.4	7.4	86	84	84	86	85	V	3	V	4	V	4	3.7
24	120.6	122.6	124.3	122.5	6.5	1.1	2.3	3.5	2.8	5.3	0.6	4.7	0.4	6.6	6.8	7.6	7.0	86	100	95	97	94	S	1	SW	1	SW	1	1.0
25	121.9	117.6	114.9	118.1	2.6	1.4	3.9	4.1	3.0	4.1	1.3	2.8	0.4	6.4	6.6	6.2	6.4	98	94	82	75	87	V	4	SW	2	SW	2	2.7
26	112.9	112.7	111.3	112.3	1.9	3.5	4.7	5.7	4.0	5.7	0.7	5.0	-0.1	7.6	7.6	7.6	7.6	99	97	89	83	92	V	2	V	5	SW	4	3.7
27	105.6	97.6	92.9	98.7	6.0	5.8	5.8	11.3	8.2	12.0	5.5	6.5	4.3	7.2	3.6	5.3	8.7	77	79	79	70	76	SW	4	SW	4	SW	4	4.0
28	90.6	93.7	93.9	93.4	9.2	6.4	6.4	4.4	6.6	12.1	3.5	8.6	0.9	6.5	6.2	6.6	6.4	78	68	65	79	72	V	4	V	5	V	2	3.7
29	90.5	85.1	88.6	88.1	2.3	5.2	9.2	5.4	5.5	9.8	1.6	8.2	-1.6	8.7	9.5	6.2	8.1	96	98	81	69	86	SW	3	V	4	SW	4	3.7
30	90.4	89.4	85.1	88.5	4.5	3.4	6.2	2.9	4.2	7.0	2.9	4.1	0.9	5.8	5.2	6.1	5.7	69	75	54	81	70	SW	4	V	4	SW	1	3.0
31	84.2	85.2	88.2	85.9	3.2	1.3	3.1	1.1	2.2	3.6	0.5	3.3	-2.1	6.2	5.1	6.0	5.8	99	92	68	90	87	SW	2	SW	4	V	2	2.7
N	102.3	101.6	102.1	102.0	2.8	2.5	3.9	3.4	3.2	5.4	0.6	4.8	-1.7	6.5	6.8	6.7	6.7	88	89	83	85	86		2.9	3.1		2.5	2.8	

Date	Visibilité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Irradiation [mm]	Couche de neige snow cover [cm]	Remarques Remarks
	6 ^h	12 ^h	18 ^h	24 ^h	6 ^h	12 ^h	18 ^h			
1	10	10	10	10,0	St	St	Se	0,0	2	$\equiv 1-0-4^{30}$; $\equiv 0-4^{30}-10^{20}$; $\equiv 10^{20}-np$; $\Delta 0,1^{06}$...19^{07}; $\Delta 0,15^{26}$...15^{41} $\equiv n-np$; $\Delta 0,10^{30}-12^{01}$; $\Delta 0,15^{42}-11^{06}$; $\Delta 0,22^{20}-22^{30}$; $\Delta 0,23^{14}-23^{39}$; $\Delta 0,23^{54}-24^{00}$; $\Delta 0,12^{36}-15^{29}$ $\Delta 0,00-0,33$; $\Delta 0,01-1,37$; $\Delta 0,51-2,14$; $\Delta 0,57-6,09$; $\Delta 0,70-6,65$ $\equiv n-10^{30}$; $\equiv 0-10^{30}-13^{05}$; $\equiv 0-10^{30}-13^{05}-16^{20}$; $\Delta 0,33-6,12$; $\Delta 0,6-12-6,55$; $\Delta 0,55-7,37$; $\Delta 0-14^{53}-21^{35}$; $\Delta 0,22^{52}-23^{15}$; $\Delta 0-1,37-10^{30}$; $\Delta 0,10^{30}-14^{53}$ $\Delta 0,56-3,22$; $\Delta 0-1,22-4,42$; $\Delta 0,17-24$ $\Delta 0-6,10$; $\Delta 0,46-6,34$; $\Delta 0-10^{02}-10^{39}$; $\Delta 0,11^{03}-11^{05}$; $\equiv 15-9^{05}$; $\equiv 10^{20}-np$; $\equiv 0,05-10^{20}$ $\Delta 0-1,04-16^{40}$ $\Delta 0,15-6,19$; $\Delta 0,12^{30}-13^{32}$; $\Delta 0,13^{45}-14^{42}$; $\Delta 0,18^{34}$...18^{38}; $\Delta 0,20^{03}-20^{09}$; $\Delta 0,20^{50}-21^{02}$; $\Delta 0,21^{12}-21^{15}$ $\Delta 0,16^{47}-17^{16}$; $\Delta 0,17^{49}-18^{36}$; $\Delta 0,18^{49}-20^{40}$; $\Delta 0,20^{59}-21^{58}$; $\Delta 0,22^{19}-22^{57}$; $\Delta 0,23^{09}-24^{00}$ $\Delta 0,00-0,27$; $\Delta 0,20^{01}$; $\Delta 0,33$...10^{01}; $\Delta 0,10^{12}-10^{33}$; $\Delta 0,10^{39}-13^{01}$; $\Delta 0,15^{48}$...17^{02}; $\Delta 0,23^{27}$...24^{00}
2	10	10	10	10,0	Se	St	St	0,9	.	
3	10	10	10	10,0	St	Se	Se	0,3	.	
4	10	10	10	10,0	Se	St	Se	10,8	.	
5	10	9	0	6,3	Se	Se	.	0,0	.	
6	10	10	10	10,0	St	St	St	0,6	.	
7	9	9	9	9,0	As, As	Se	As	1,5	.	
8	10	10	10	10,0	Se	As	Se	0,2	.	
9	10	9	10	9,7	Se	Ca, Cl, Co	As	1,4	.	
10	9	10	9	9,3	Se	Se	Se	0,6	.	
11	10	10	10	10,0	Se	St	St	2,5	.	
12	10	10	0	6,7	Se	Se	.	.	.	
13	10	1	0	3,7	Se	Ca	.	0,0	.	
14	10	7	10	9,0	Ca	Ca	Se	0,3	.	
15	10	10	10	10,0	Se	Se	Se	2,1	.	
16	10	10	10	10,0	Se	Se	Se	1,9	1	
17	10	10	9	9,7	Se	Se	As	4,4	5	
18	10	10	3	7,7	Se	Ca	Ca	0,4	.	
19	9	9	9	9,0	Se	Se, Ca	Se	1,8	.	
20	10	5	10	8,3	Se	Ca	Se	2,4	3	
21	10	10	10	10,0	Se	Se	Se	2,7	5	
22	4	10	10	8,0	Ca	Se	St	0,0	.	
23	10	10	10	10,0	Se	Se	Se	0,0	.	
24	10	10	10	10,0	Se	St	St	0,4	.	
25	10	9	10	9,7	St	Ca, As	As	1,9	.	
26	10	10	10	10,0	St	Se	Se	0,1	.	
27	10	10	10	10,0	Se	As, As, Ca	Se	0,1	.	
28	10	9	10	9,7	Se	Se, Cl	Se	0,9	.	
29	10	9	7	8,7	Se	Se	Cl	0,8	.	
30	1	7	6	4,7	Ca	Cl, Ca	Cl	3,4	.	
31	10	9	10	9,7	Se	Ca	As	0,3	.	
M	9,4	9,1	8,5	9,0				44,7		Le total mens. Monthly mean.

Février - February

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1905
MMV - GNE

Date	Pression barométrique Atmospheric pressure 900 + ... (hPa)				Température de l'air Air temperature [°C]								+ 5 mm	Tension de la vapeur Vapour pressure (hPa)				Humidité relative Relative humidity (%)					Vent-direction et vitesse Wind velocity and direction (m/s)						
	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.		Min.	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N		
1	90.8	83.1	78.3	84.1	1.6	-0.4	0.7	6.4	2.1	6.4	-0.9	7.3	-7.5	5.6	6.2	8.5	6.8	81	94	96	88	90	8	2	NE	4	8	5	3.7
2	83.1	87.5	91.0	87.2	3.8	4.3	2.2	1.7	3.0	8.1	1.7	6.4	-0.1	4.7	6.4	5.3	5.5	90	97	89	76	78	SW	6	SW	4	SW	3	4.3
3	102.9	100.6	100.1	101.2	-1.3	-2.6	2.5	0.5	-0.2	2.9	-4.3	7.2	-9.5	4.5	4.9	6.2	5.2	77	89	67	98	83	SW	3	SW	4	SW	2	3.0
4	105.7	107.7	110.0	107.8	-0.8	-1.9	-0.6	-0.9	-1.0	0.8	-2.4	3.2	-4.6	4.9	4.8	5.1	4.9	89	92	81	89	88	V	2	V	2	V	1	1.7
5	106.0	103.1	97.0	102.0	-1.9	-4.9	0.3	-2.5	-2.2	0.9	-5.4	6.3	-14.3	4.0	4.6	3.9	4.2	89	93	74	77	84	V	1	V	2	SE	3	2.0
6	89.6	88.9	89.1	89.2	-4.0	-3.3	-0.1	-0.9	-2.1	0.0	-4.4	4.4	-8.0	3.4	4.1	4.3	3.9	74	71	67	75	72	SE	2	SE	2	SW	2	2.0
7	88.4	86.9	87.4	87.6	-2.5	-4.5	-1.6	-2.5	-2.8	-0.8	-6.9	4.1	-4.1	3.3	3.8	5.0	4.0	66	77	69	98	78	SE	2	SE	4	SW	2	2.7
8	93.0	93.3	97.6	95.3	-2.1	-4.4	-0.7	-1.9	-2.8	-0.1	-6.9	6.8	-12.7	3.5	5.6	4.9	4.7	97	91	97	92	94	0	0	SE	1	0	0	0.3
9	103.9	104.9	105.3	104.7	-2.4	-2.5	0.7	-4.5	-2.2	0.7	-4.7	5.4	-7.1	4.8	5.2	4.3	4.8	94	93	81	97	92	0	0	0	0	0	0	0.0
10	100.4	96.6	96.7	97.9	-2.7	-2.3	0.1	-0.9	-1.4	-0.5	-4.7	5.2	-11.0	4.7	5.6	5.3	5.3	98	91	90	97	94	SE	2	SE	2	SE	1	1.7
11	92.3	92.0	91.2	91.8	-0.6	-0.1	1.6	0.7	0.4	1.9	-1.1	3.0	-2.1	5.9	6.6	6.2	6.2	97	98	96	96	97	SE	2	SE	1	SE	1	1.3
12	87.8	88.6	91.9	89.4	0.3	0.7	0.3	-1.3	0.0	0.7	-1.3	2.0	-0.7	6.3	6.1	5.5	6.0	97	98	98	99	98	SE	1	SW	1	V	1	1.0
13	99.8	102.7	105.2	102.6	-3.0	-3.7	-1.9	-5.7	-3.6	-1.3	-5.7	4.4	-15.0	4.4	4.2	3.7	4.1	95	94	79	92	90	SW	2	V	2	SW	1	1.7
14	108.4	108.8	109.4	108.9	-12.5	-11.6	-2.3	-5.3	-7.9	-2.2	-14.1	11.9	-23.5	2.3	3.4	3.8	3.2	90	93	66	93	86	0	0	V	1	SW	1	0.7
15	116.1	118.5	118.5	117.7	-7.8	-15.1	-7.3	-12.5	-10.7	-3.5	-15.5	12.0	-22.7	1.6	2.2	2.0	1.9	80	86	63	85	78	SE	1	SE	2	SE	1	1.3
16	117.7	114.5	115.4	115.9	-16.5	-17.0	-3.3	-4.7	-10.4	-0.1	-18.8	18.7	-26.3	1.5	4.1	3.3	3.0	88	90	85	76	85	SW	1	V	2	V	2	1.7
17	120.4	118.9	116.8	118.7	-8.3	-9.7	-3.2	-2.1	-5.8	-2.1	-10.5	8.4	-17.2	2.6	3.2	3.8	3.2	82	88	66	72	77	SE	2	V	2	V	2	2.0
18	114.5	115.2	116.5	115.4	-1.5	-0.1	1.3	0.2	0.0	1.5	-2.1	3.6	-4.2	5.4	5.4	5.8	5.5	82	90	81	94	87	SW	2	SW	2	SE	1	1.7
19	114.3	114.6	112.0	113.6	-0.2	-0.5	0.5	-0.5	-0.2	1.1	-0.9	2.0	-2.6	5.8	5.8	5.5	5.7	98	98	92	94	96	V	1	V	1	0	0	0.7
20	111.0	108.7	106.2	108.6	-1.7	-3.9	0.1	-2.1	-1.9	1.1	-4.4	3.5	-9.5	4.3	4.6	4.3	4.4	88	94	74	83	85	SW	1	SW	1	SW	2	1.3
21	102.2	109.3	110.7	106.1	-2.3	-3.1	-1.6	-4.9	-3.0	-1.2	-4.8	3.6	-8.0	4.8	3.3	2.5	3.5	95	99	61	99	78	V	2	SE	5	SW	3	3.3
22	118.7	121.6	121.5	120.6	-9.7	-14.1	-3.4	-6.1	-8.3	-2.9	-14.5	11.6	-22.7	1.7	2.1	3.2	2.3	75	83	43	84	71	V	1	V	2	V	2	1.7
23	121.4	122.1	123.4	122.3	-4.2	-2.7	2.0	0.1	-1.2	2.8	-4.4	9.2	-10.4	4.8	5.4	5.3	5.2	88	95	76	86	86	V	2	V	2	V	2	2.0
24	126.2	125.8	125.3	125.8	-2.0	-6.1	-0.4	-1.1	-2.4	0.6	-4.4	7.0	-10.0	3.9	4.0	4.3	4.1	95	100	68	77	83	SW	2	SW	2	SW	1	1.7
25	123.7	122.1	118.2	121.3	-6.9	-9.1	2.3	-2.6	-4.1	2.8	-9.5	12.3	-16.1	2.9	4.5	3.7	3.7	95	95	63	75	82	SW	1	SW	3	SE	2	2.0
26	112.7	108.4	104.6	108.6	-6.2	-8.9	4.3	-1.5	-3.1	4.6	-9.7	14.3	-16.6	3.0	3.9	4.4	3.8	94	98	47	80	80	SE	1	SE	2	SE	1	1.3
27	100.3	100.3	101.0	100.5	-1.5	0.5	2.1	0.9	0.5	2.3	-2.9	5.2	-10.6	6.2	6.7	6.4	6.4	81	98	95	98	93	SE	1	0	0	0	0	0.3
28	99.4	99.5	100.9	99.9	0.7	0.6	2.4	0.7	1.1	2.3	0.3	2.0	-0.1	6.3	7.0	6.3	6.5	97	98	96	98	97	0	0	SE	1	SE	1	0.7
N	105.4	105.1	105.0	105.2	-3.4	-4.6	-0.1	-1.9	-2.5	1.0	-5.9	6.9	-10.5	4.2	4.0	4.8	4.6	88	91	77	87	86	1.5	2.0	1.5	1.7			

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipi- tation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h			
1	10	10	10	10.0	Cu	Ne	As	3.5	.	§ 1.43-1.57, § 0.10.45-12.34; § 0.45-9.20, § 1-0.30-10.45; § 0-1.12.34-17.30, § 0.19.34-20.51
2	6	5	6	5.7	Cu	Cu, Cu	Cu	1.7	.	§ 0.10...13.36, § 0.14.45-15.00, § 0.15.16-15.18, § 0.10.31-19.30, § 1-0.20.27-22.09, § 0.23.34-23.48; § 2-2.13.48-13.54
3	10	10	10	10.0	Se	Se	Se	1.1	2	§ 0.24-7.28, § 0.03-9.18, § 0.12.59...17.51, § 0-1.18.09-19.45, § 0.21.11-22.02
4	10	10	10	10.0	Se	Se	Se	1.2	1	§ 0.49-8.04, § 0.42-8.27, § 0.45...11.59, § 0.12.27...16.48, § 0.17.14...17.47, § 0-1.18.01...19.08
5	5	7	0	4.0	Se, Cu	As, Cu, Cl	.	0.0	3	§ 0.45...5.54, § 0.12-9.15
6	10	9	10	9.7	Cu	Cu, Cl, Cu	As	0.0	3	§ 0.12.45...13.42, § 0.14.02-14.27
7	6	10	10	8.7	As	As	Fr	3.2	3	§ 0.10.06-10.19, § 0-1.12.37-21.05
8	10	10	10	10.0	St	St	St	0.9	6	§ 0-1.10.20; § 0-1.21-24.00
9	10	9	9	9.3	Ne	As, Cu	Se	0.4	8	§ 0-1.00-9.57
10	10	10	10	10.0	As	As	Se	6.2	7	§ 0.7.57-8.10, § 0-1.11.54-18.39
11	10	10	10	10.0	Ne	St	Ne	4.5	13	§ 0-1.06-8.00, § 0.09-8.45, § 0-1.16.32-22.14, § 0.23.05...23.27, § 10-24
12	10	10	10	10.0	St	Ne	Ne	13.3	9	§ 0-1.5; § 0.04-1.31, § 0.23-6.12, § 0.33-10.48, § 0-1.10.48-18.48, § 0.18.48-24.00
13	10	9	0	6.3	Ne	As	.	0.3	25	§ 0.00-5.36, § 0.6.20...9.04
14	10	0	10	6.7	Se	.	Se	0.1	25	§ 0-2-9; § 0.17.22...17.28, § 0.17.34-20.00, § 0.20.57...23.09, § 16-29
15	0	0	0	0.0	.	.	.	.	20	§ 0-2-20, § 0.17-24
16	9	9	0	6.0	As	Se	.	0.3	20	§ 0-7; § 0.23-7.32, § 0.01-9.42, § 0.12.12-12.18
17	0	9	10	6.3	.	As	Se	.	20	§ 0-7.30
18	10	10	10	10.0	Ne	Ne	St	0.1	18	§ 0.16.43...20.13, § 0.20.13...24.00
19	10	10	10	10.0	St	St	St	0.1	16	§ 0.00...7.34, § 0.09...9.30, § 0.10.27-12.21, § 0.13.05-13.42, § 0.15.29...16.15, § 0.22.33-22.48, § 2-2.16
20	9	4	10	7.7	As, Cu	Cu	Ne	0.6	16	§ 0-9.15; § 0.14.00-15.00, § 0.16.19-17.01, § 0.17.33-24.00
21	10	8	9	9.0	Ne	Cu, Cl	As	0.0	17	§ 0.00-1.51, § 0.11...20, § 0.31-5.54, § 0.6.36...7.46, § 0.03-9.35
22	0	4	8	4.0	.	As, Cu	As	0.0	16	§ 0-7; § 0.21.18-22.51
23	10	10	9	9.7	Se	Se	Se	0.3	16	§ 0.17-1.15, § 0.26-11.36
24	10	10	10	10.0	St	Se	Se	.	13	§ 0-8; § 1-0.2-11.15; § 8-10.40
25	10	1	0	5.7	As, Se	Cl	.	.	13	§ 0-7.45; § 2-4.40, § 16.30-29
26	0	0	0	0.0	.	.	.	2.0	14	§ 0-7.30; § 17-29
27	10	10	10	10.0	Ne	Ne ¹	Ne ¹	2.6	14	§ 0-1-11.10; § 2.11.10-24; § 0-1.23-10.06, § 0.10.04-10.56, § 0.17.15-22.43, § 0.23.33...24.00
28	10	10	10	10.0	Ne ¹	St	Ne ¹	1.2	13	§ 0.00...4.09, § 0.16...5.39, § 0.15...16.43; § 2-0-16, § 16-24
N	8.0	7.6	7.5	7.7				45.6 ¹⁶		* Le total mens. Monthly mean.

Mars - March

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1985
2807 - 087

Date	Pression barométrique Atmospheric pressure 900 + ... [hPa]				Température de l'air Air temperature [°C]										Tension de la vapeur Vapour pressure [hPa]				Humidité relative Relative humidity [%]					Vent-direction et vitesse Wind velocity and direction [m/s]				
					+ 5 mm																							
	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Amp.	Min.	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	0 ^h	12 ^h	18 ^h	N		
1	106.0	109.6	112.8	109.5	0.7	0.7	0.7	-0.1	0.5	1.1	-0.1	1.2	-0.4	6.3	6.3	5.7	6.1	98	98	98	94	97	NE	1	N	1	N	1.0
2	116.8	119.0	121.3	119.0	-0.6	-1.3	0.6	-0.8	-0.5	1.8	-1.7	3.5	-4.8	4.7	4.3	4.8	4.6	90	85	67	83	81	NE	1	N	2	NE	1.3
3	122.5	122.9	122.0	122.5	-1.2	-0.5	2.0	0.5	0.2	2.1	-1.9	4.0	-4.2	5.8	5.5	5.5	5.6	92	98	78	86	88	V	1	V	2	V	1.5
4	121.4	120.5	118.5	120.1	-0.7	-2.7	-0.1	0.3	-0.8	1.1	-3.9	5.0	-8.0	4.3	5.0	5.1	4.8	74	86	82	82	81	O	0	W	1	V	2.0
5	111.4	109.5	106.3	109.1	-3.7	0.5	4.3	3.3	1.1	4.7	-4.9	9.6	-10.0	5.5	6.0	5.9	5.8	100	86	72	76	84	V	1	V	4	V	3.8
6	99.0	98.0	95.3	97.4	2.5	3.9	5.8	5.7	4.5	6.1	1.8	4.3	0.4	8.1	8.5	8.9	8.5	100	100	92	97	97	V	4	W	3	W	4.3
7	86.4	85.2	101.1	92.2	6.4	6.9	7.8	1.8	5.7	8.3	1.8	6.5	-0.6	9.8	5.2	4.3	6.4	99	99	90	62	78	W	5	V	8	W	5.3
8	103.6	104.4	101.4	103.1	1.7	1.1	6.4	5.3	3.7	6.6	0.4	6.2	-1.6	6.5	5.4	8.9	6.9	73	98	96	98	81	V	1	V	4	V	2.7
9	97.4	97.0	98.0	97.5	6.5	6.2	7.2	6.2	6.3	7.4	5.3	1.9	4.8	7.5	7.5	7.2	7.4	82	79	74	76	78	V	4	V	2	V	3.7
10	95.8	95.7	96.0	95.8	5.7	6.6	7.4	7.2	6.7	8.0	5.4	2.6	4.4	8.6	8.8	7.8	8.4	98	88	86	77	87	V	6	V	6	V	4.3
11	81.3	87.5	100.9	89.9	7.9	7.1	5.2	-1.1	4.8	8.1	-1.1	9.2	-2.6	9.2	5.8	3.1	6.0	97	91	66	55	77	W	5	V	6	V	4.7
12	118.0	122.5	122.9	121.1	-2.7	-5.5	1.3	-2.0	-2.2	2.1	-4.6	8.7	-8.8	2.6	1.9	3.5	2.7	98	65	29	67	55	W	2	V	2	V	2.0
13	123.6	123.1	119.6	122.1	-4.5	-4.5	3.5	-2.2	-1.9	4.1	-5.9	10.0	-9.0	4.3	3.3	3.8	3.8	96	98	43	73	77	O	0	V	2	N	1.0
14	114.0	111.6	108.2	111.3	-2.9	-2.9	8.1	3.5	1.4	8.7	-4.1	12.8	-7.0	4.1	3.8	4.3	4.1	75	84	35	55	62	S	1	W	4	NE	1.0
15	106.8	105.3	103.7	105.3	0.4	0.2	9.2	4.9	3.7	10.1	-0.5	10.6	-2.7	4.7	5.1	5.0	4.9	77	76	44	58	64	S	2	S	2	NE	2.0
16	104.7	106.2	107.7	106.2	2.4	1.4	13.8	6.6	6.0	14.6	0.4	14.2	-3.1	5.0	6.3	6.9	6.1	69	74	40	71	64	NE	1	S	2	W	1.3
17	112.5	112.5	112.1	112.4	4.1	3.1	9.3	2.6	4.8	9.9	1.5	8.4	-3.1	7.5	8.0	6.6	7.4	92	98	69	89	87	V	1	V	1	O	0.7
18	109.3	106.4	105.2	107.0	2.5	3.1	8.6	9.0	5.8	10.1	0.9	9.2	-3.1	7.5	9.5	10.5	9.2	98	98	85	92	93	S	1	W	3	W	2.8
19	103.1	102.9	103.3	103.1	8.3	8.4	11.8	8.6	9.3	11.8	7.9	3.9	6.5	11.0	12.2	10.9	11.4	99	100	88	97	96	V	1	V	3	O	0.3
20	103.7	104.2	105.4	104.4	6.5	5.1	11.1	8.8	7.9	12.1	3.9	8.2	1.5	8.8	11.6	10.3	10.3	100	100	88	93	95	O	0	S	1	O	0.3
21	102.8	99.4	96.0	99.4	5.8	4.9	9.3	9.2	7.3	12.0	2.6	9.4	-1.1	8.5	10.1	10.8	9.8	95	98	87	93	93	O	0	NE	1	S	2.0
22	83.9	85.9	86.8	85.4	7.0	7.2	6.5	3.1	6.0	9.2	3.1	6.1	-1.1	10.0	6.1	4.9	7.0	99	99	64	64	82	V	3	V	4	W	2.0
23	83.6	87.5	93.0	88.0	0.6	1.9	6.0	3.5	3.0	6.6	0.4	6.2	-2.1	6.4	6.3	5.3	6.1	91	91	70	68	80	S	4	W	4	W	3.3
24	90.1	86.6	86.0	87.6	2.6	3.3	10.5	9.8	6.6	13.1	0.3	12.8	-2.1	5.2	5.8	7.6	6.2	96	68	45	63	68	S	3	S	4	S	2.0
25	85.7	83.1	85.9	84.9	5.8	6.9	8.4	3.7	6.2	9.8	3.7	6.1	1.9	8.6	10.7	7.6	9.0	-	87	97	95	(93)	NE	1	O	0	V	3.3
26	86.3	86.6	85.2	86.0	2.2	2.4	3.0	2.3	2.5	3.9	1.6	2.3	1.0	7.1	7.2	7.2	7.2	97	98	95	100	98	N	2	W	1	V	2.7
27	88.2	91.3	91.2	90.2	0.4	1.1	5.0	1.6	2.0	5.7	0.1	5.6	-3.1	6.5	6.5	5.8	6.3	99	98	75	85	89	O	0	W	1	O	0.3
28	91.8	92.9	94.7	93.1	-0.9	0.3	7.1	5.0	2.9	8.5	-1.9	10.4	-4.5	6.1	5.8	6.4	6.1	96	98	58	73	81	N	1	NE	1	NE	2.3
29	98.5	100.2	101.3	100.0	0.5	2.7	11.9	5.8	5.2	13.0	-1.0	14.0	-4.6	6.2	7.6	8.4	7.4	98	84	55	91	82	S	2	W	2	V	2.0
30	101.7	102.1	100.8	101.5	3.6	2.3	8.8	6.2	5.2	9.6	1.6	8.0	0.3	6.9	6.8	7.8	7.2	96	96	60	82	84	W	1	W	1	NE	2.3
31	99.8	96.6	97.1	98.5	3.0	3.7	15.0	10.2	8.0	15.8	1.6	14.2	-3.1	7.8	8.3	8.7	8.3	99	98	49	70	79	S	1	W	3	NE	1.7
M	101.6	102.0	102.6	102.1	2.3	2.4	7.0	4.2	4.0	7.9	0.4	7.5	-2.2	6.8	6.8	6.8	6.8	(91)	91	68	80	(82)	1.8	2.6	1.9	2.1		

Date	Épaisseur Cloudiness (0-10)				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	10	10	10	10.0	mm ¹	Ne	St	1.7	11	≡ 0-7 ¹⁰ ; ≡ 0-40 ¹³ ; ≡ 13 ¹⁵ -15 ⁴⁰ ; 0-20 ⁵⁷ ; 0-13 ²⁸ -14 ¹⁶ ; 0-13 ⁵⁷ -30 ³⁰ ; 0-10 ¹ -50 ³⁰ ; 0-5 ²⁵ -12 ⁵⁸ ; 0-13 ³⁰ -7 ⁰⁰ ; 0-13 ⁵⁰ -25 ²⁵ ; 0-12 ⁵⁸ -13 ²⁸ ; 0-14 ⁴⁸ ; 0-15 ¹⁰ -17 ²⁶ ; 0-10 ⁰⁸ -18 ²⁶
2	10	7	9	8.7	St	Se	Se	0.3	11	0-13 ³⁶ -46 ⁴⁶ ; 0-6 ⁴⁶ -7 ⁴⁸ ; 0-0 ⁰⁶ -8 ³⁰ ; 0-10 ⁰⁰ ...10 ³⁷ ; 0-11 ³⁶ ...12 ⁰⁶ ; 0-12 ¹⁸ -12 ⁵⁹ ; 0-15 ⁴⁸ ...16 ⁰⁶
3	10	10	10	10.0	Se	Se	Se	0.3	11	0-51 ¹² -12 ¹²
4	10	10	9	9.7	Se	St	Se	0.1	11	≡ n-11 ³⁰ ; 0-5 ³² -6 ²⁵ ; 0-7 ¹⁸ -7 ⁴⁵ ; 0-0 ⁰⁵ -8 ²³ ; 0-6 ²⁵ -7 ⁰⁰ ; 0-18 ⁰² -18 ³² ; 0-18 ³⁹ -18 ⁵⁸ ; 0-19 ¹⁶ -19 ³⁰ ; 0-19 ⁵⁷ -20 ⁰⁶ ; 0-20 ¹⁰ -24 ⁰⁰
5	10	8	10	9.3	Se	Cs, Ci	As	1.9	11	≡ n-11 ³⁰ ; 0-0 ⁰⁰ -5 ⁵⁰ ; 0-6 ¹¹ ...6 ⁴² ; 0-7 ⁵¹ -8 ⁰⁰ ; 0-8 ²⁴ -9 ²⁰ ; 0-10 ⁰⁹ -10 ²⁴ ; 0-11 ⁴⁰ -24 ⁰⁰
6	10	10	10	10.0	Se	Se	Se	9.5	8	0-0 ⁰⁰ -26 ²⁶ ; 0-1 ⁴⁸ -1 ⁵¹ ; 0-1 ¹⁹ -7 ³⁰ ; 0-5 ⁵⁷ ...0 ⁴² ; 0-9 ¹² -9 ²⁴
7	10	9	0	6.3	Se	As, Cs	Se	1.3	.	0-3 ⁴⁴ -36 ³⁶ ; 0-1 ²⁵ -13 ²² ; 0-1 ³⁰ -18 ³³ ; 0-18 ³³ -21 ¹³ ; 0-22 ¹² -22 ⁴⁸
8	10	10	10.0	Se	Se	Se	Se	1.8	.	0-16 ¹⁴ -16 ³⁶ ; 0-22 ²⁴ -24 ⁰⁰
9	10	10	10	10.0	Se	Se	Se	0.1	.	0-0 ⁰⁰ -47 ⁴⁷ ; 0-2 ⁰² ...4 ¹⁵ ; 0-7 ⁴⁰ -7 ⁴³ ; 0-8 ⁰⁶ -8 ⁰⁹ ; 0-31 ¹³ -11 ¹¹ ; 0-18 ¹⁹ -18 ⁵⁹ ; 0-19 ¹⁸ -20 ⁵¹ ; 0-120 ⁵⁷ -24 ⁰⁰
10	10	10	10	10.0	Se	Se	Se	5.7	.	≡ n-7 ⁴⁰ ; 0-10 ⁰⁰ -10 ¹⁰ ; 0-1 ¹⁵ -8 ²⁵ ; 0-10 ³⁸ -10 ⁴⁷ ; 0-11 ¹⁷ -11 ³⁵ ; 0-1 ¹⁰ -7 ¹⁵ ; 0-9 ⁰⁸ ...9 ⁵⁷ ; 0-2 ¹² -9 ⁰⁹ ...13 ⁰⁶ ; 0-2 ¹³ -9 ¹⁹ ...13 ⁵⁷ ; 0-13 ⁴⁵ ...16 ⁰³ ; 0-10 ¹⁰ -7 ¹⁸ -(17) ⁰² 7 ²²
11	10	8	5	7.7	Se	Cs, Cs, Ci	Cs, Cs	4.4	.	≡ 0-7 ⁴⁰ ; ≡ n-7 ³⁰
12	0	0	0	0.0	.	.	.	.	.	≡ 0-7 ⁴⁰ ; 0-10 ¹⁵ -14 ⁴³
13	7	1	0	2.7	As	Cs	.	.	.	≡ 0-7 ⁴⁰ ; 0-8 ²³ -11 ³⁵
14	0	2	0	0.7	.	Ci	.	.	.	≡ 16-21; ≡ 0-21-24
15	7	9	6	7.3	Ci	Cs, Ci, Cs	As, Ci	.	.	≡ 0-9 ²⁰ ; ≡ 5 ²⁰ -14 ²⁰ ; 0-10 ³⁶ -10 ⁵⁷ ; 0-16 ¹⁵ -24 ⁰⁰
16	3	3	8	4.7	Ci	Ci	Cs	.	.	≡ 1-0-10 ³⁵ ; 0-0 ⁰⁰ -1 ⁴⁵ ; 0-2 ¹⁵ -3 ³⁴ ; 1-0 ⁴⁵ -4 ⁰⁹ ; 0-5 ⁵⁷ -10 ¹⁰ ; 0-13 ⁵⁵ -10 ¹⁰ ; 0-12 ⁵⁸ -13 ⁰² ; 0-13 ³² -13 ³⁸ ; 0-22 ⁴² -23 ¹⁹
17	10	9	0	6.3	Se	Se	.	.	.	≡ 1-0-8 ⁴⁰ ; ≡ 8 ⁴⁰ -9 ²⁰ ; ≡ 16 ³⁰ -20 ³⁰ ; 0-5 ⁵⁴ ...7 ⁵⁸ ; 0-8 ⁰⁰ ...9 ⁴⁵ ; 0-13 ¹⁵ -14 ¹⁶ ; 0-16 ¹¹ ...16 ³⁴
18	10	10	10	10.0	St	St	St	1.2	.	≡ 0-6 ⁴⁰ ; ≡ 8 ¹⁶ -30 ³⁰ ; ≡ 4 ¹⁰ -7 ²⁰ ; 0-16 ²⁴ -20 ⁴⁵
19	10	9	10	9.7	St	Se	Se	0.9	.	≡ 0-11 ⁴⁴ -5 ⁵⁸ ; 0-11 ²¹ -11 ²⁹ ; 0-12 ¹⁸ -12 ²⁶ ; 0-13 ⁰⁹ -13 ⁴² ; 0-14 ⁵⁶ -15 ⁰⁸ ; 0-17 ³⁰ -7 ³⁸ ; 0-14 ⁴⁸ -21 ²⁶ ; 0-17 ³⁸ -11 ⁴¹
20	10	9	9	9.3	Se	Se, Cs, As	As	0.0	.	0-10 ⁴⁶ -10 ⁴⁹ ; 0-11 ²³ -11 ³³ ; 0-10 ¹⁰ -10 ³³ ; 0-10 ⁰⁰ -10 ⁴⁶
21	10	10	10	10.0	Se	Se	Se	2.6	.	≡ 10 ¹⁰ -10 ⁴⁵ ; ≡ 10 ⁴⁵ -17 ¹⁰ ; 0-1 ⁴⁶ -20 ³³ ; 0-20 ⁴⁷ -24 ⁰⁰
22	10	9	2	7.0	Se	Ci, Cs, Cs	Cs	1.0	.	≡ n-16 ¹⁵ ; 0-0 ⁰⁰ -21 ²¹ ; 0-0 ⁰³ -1 ¹⁶ ; 0-7 ⁴⁸ -10 ⁰³ ; 0-10 ¹² -10 ⁵⁹ ; 0-10 ⁵⁹ -15 ²¹ ; 0-17 ⁴⁸ -21 ²⁶ ; 0-120 ⁵⁷ -20 ¹²
23	9	7	10	8.7	Cs, Ci	Cs, Cs, As, Cs	Se	0.2	.	0-21 ²⁶ -22 ³⁰ ; 0-22 ³⁰ -24 ⁰⁰
24	10	10	10	10.0	As	As	As, Se	.	.	≡ 10 ⁰⁰ -13 ¹³ ; 0-13 ¹³ -13 ¹⁵
25	10	10	10	10.0	As	Se	Se	6.4	.	≡ 0-5 ²⁰
26	10	10	10	10.0	St	Se	Se	8.2	.	≡ 0-1 ¹⁵ ; ≡ 15 ²⁵ -4 ³⁰ ; 0-17 ¹⁵ -18 ¹⁵ ; 0-20 ²¹ -24 ⁰⁰
27	10	9	0	6.3	Se	Se	.	.	2	≡ 0-4 ³⁰ ; 0-0 ⁰⁰ -1 ³⁸ ; 0-5 ⁵⁰ ...4 ⁵⁷
28	9	9	9	9.0	As	Se	Se	.	.	≡ 0-5 ⁵⁰ ; ≡ 5 ⁵⁰ -7 ¹⁰
29	1	10	10	7.0	Ci	Se, As	As	1.1	.	
30	10	7	6	7.7	Se	Cs, Ci	Cs	.	.	
31	5	7	7	6.3	As	As	As, Ci	.	.	
M	8.4	8.1	7.1	7.9				48.7 ^M		^M Le total mens. Monthly mean.

Avril - April

LES ÉLEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1905
1905 - 000

Date	Pression barométrique Atmospheric pressure 900 + ... [hPa]				Température de l'air Air temperature [°C]										+ 5 m	Tension de la vapeur Vapour pressure [hPa]				Humidité relative Relative humidity [%]					Vent-direction et vitesse Wind velocity and direction [m/s]				
	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.	6 ^h		12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N		
1	90.8	88.1	86.5	88.9	7.9	9.0	15.6	13.0	11.4	15.8	7.5	8.3	3.4	9.6	11.2	11.5	10.8	85	84	63	77	77	N	1	N	2	N	2	1.7
2	84.5	85.1	85.0	84.9	10.0	10.1	15.6	11.4	11.8	16.5	8.4	8.1	4.4	10.8	12.4	12.8	11.7	88	87	70	88	85	NE	1	NE	2	NE	1	1.5
3	86.0	87.1	90.3	87.8	8.5	8.6	16.3	8.2	10.4	17.0	7.0	10.0	2.8	9.6	7.3	10.3	9.1	100	86	39	94	80	S	2	SW	4	SW	2	2.7
4	94.4	93.3	90.7	92.8	5.3	3.3	9.2	4.8	5.6	9.2	0.7	8.5	-1.7	7.6	6.1	7.9	7.2	95	98	52	92	84	G	0	V	1	V	2	1.6
5	97.6	98.5	92.3	90.1	0.8	0.5	8.0	3.5	3.2	9.9	0.1	9.8	-1.1	6.2	6.9	6.9	6.7	96	98	64	88	86	V	2	SW	4	SW	1	2.3
6	92.8	89.8	89.3	90.6	0.7	1.3	12.8	10.2	6.2	14.0	-1.4	13.4	-4.1	6.5	8.0	8.7	7.7	97	96	54	70	79	NE	1	NE	3	0	0	1.3
7	91.2	92.4	94.4	93.0	5.8	5.8	12.8	6.0	7.6	13.7	3.0	10.7	-0.1	8.2	6.9	7.9	7.7	97	89	47	85	80	SW	2	SW	4	V	1	2.3
8	99.0	97.3	92.6	94.3	3.8	3.7	12.9	11.8	8.0	13.3	0.8	12.5	-2.1	7.8	7.1	11.0	8.6	100	98	48	80	82	S	2	SW	3	S	2	2.3
9	94.8	97.8	101.1	97.9	13.0	7.7	9.8	7.4	9.5	13.6	7.4	6.2	3.9	9.9	7.2	6.8	8.0	68	94	99	66	72	SW	1	SW	5	V	2	2.7
10	105.2	105.3	104.6	105.0	3.5	4.1	11.1	5.0	5.9	11.6	0.5	11.3	-3.6	7.5	5.0	6.4	6.3	94	92	38	73	74	V	1	V	2	N	1	1.3
11	99.3	96.3	93.0	94.2	2.4	7.9	18.6	14.6	10.9	20.7	0.4	20.3	-3.0	8.7	12.1	12.8	11.2	95	82	37	77	78	NE	2	SW	3	G	0	1.7
12	88.1	91.6	93.8	91.2	13.7	13.1	15.2	7.6	12.4	16.0	7.6	8.4	2.4	11.6	10.8	8.8	10.4	82	77	62	84	76	V	4	V	4	V	2	3.3
13	98.6	101.7	104.2	101.5	5.7	5.7	5.3	3.7	5.1	7.6	3.5	4.1	1.0	7.1	6.4	6.1	6.5	100	77	72	77	82	V	3	SW	3	SW	2	2.7
14	102.4	101.2	100.3	101.3	-1.1	1.5	2.7	1.1	1.0	5.7	-2.3	8.0	-3.6	5.9	5.9	6.0	5.9	98	87	79	90	88	V	2	V	2	V	1	1.7
15	99.4	101.3	103.1	101.3	-0.3	0.7	3.2	3.1	1.7	5.7	-0.5	4.2	-1.3	6.0	6.6	6.2	6.3	91	94	86	81	88	V	2	V	3	V	4	3.0
16	107.2	107.5	107.0	107.2	-1.3	0.6	9.2	4.7	3.3	10.9	-3.4	13.9	-7.3	6.3	6.7	6.2	6.4	92	98	97	73	80	SW	1	V	3	0	0	1.3
17	108.4	106.7	105.1	106.7	-0.3	3.0	13.9	8.5	6.3	15.0	-1.7	16.7	-5.1	6.9	6.3	5.7	6.3	98	91	40	51	70	0	0	S	2	NE	1	1.0
18	105.5	104.0	103.2	104.2	3.8	6.8	12.6	8.0	7.8	13.9	-0.5	14.4	-4.6	5.6	5.0	5.3	5.4	64	57	34	51	52	NE	3	NE	4	N	2	3.0
19	100.0	98.0	97.2	98.4	3.8	5.0	14.5	12.9	9.0	17.6	1.7	15.9	-0.7	5.7	6.6	6.7	7.0	73	66	40	58	59	N	3	N	3	N	2	2.7
20	99.9	104.7	109.8	104.8	3.7	11.4	16.8	11.4	12.3	20.0	8.4	11.6	-4.9	9.9	12.3	8.2	10.1	76	73	64	61	68	NE	2	V	3	V	2	2.3
21	113.0	108.0	104.4	108.5	2.9	9.4	21.7	17.6	12.9	23.8	0.1	23.7	-4.1	8.2	11.9	10.6	10.2	99	70	46	53	67	N	2	N	4	N	1	2.3
22	99.3	97.7	97.5	98.2	13.6	15.6	24.8	18.4	18.1	25.6	10.6	15.0	5.4	11.7	12.2	14.7	12.9	77	64	39	70	63	NE	3	S	4	NE	1	2.7
23	98.9	98.5	99.0	98.8	13.0	14.0	20.4	15.6	15.8	21.8	12.4	9.4	9.9	13.4	13.7	14.5	15.2	100	97	65	82	86	NE	1	NE	1	0	0	0.7
24	99.5	98.5	97.3	98.4	11.7	11.9	19.2	15.0	14.4	20.5	9.4	11.1	5.8	12.4	12.4	12.5	12.4	95	89	56	73	78	S	1	S	2	S	1	1.3
25	97.7	98.9	100.8	99.1	9.7	11.5	19.9	14.2	13.8	23.0	8.0	15.0	4.4	13.2	13.0	13.5	13.2	99	97	56	83	84	SW	1	SW	4	V	1	2.0
26	104.0	104.1	103.1	103.7	9.0	9.8	19.0	13.9	12.9	20.0	6.9	13.1	3.4	12.1	10.6	12.2	11.6	100	100	48	77	81	G	0	V	2	0	0	0.7
27	101.0	98.5	98.2	99.2	9.8	12.8	23.8	18.2	16.2	24.5	8.1	16.4	4.4	12.9	13.0	14.3	13.4	100	87	44	69	73	G	1	NE	2	NE	1	1.3
28	104.2	105.6	105.1	105.0	12.6	13.4	19.4	14.4	15.0	20.5	11.3	9.2	6.9	12.1	9.5	12.3	11.3	83	78	42	75	70	V	2	SW	3	0	0	1.7
29	105.8	104.4	101.8	104.0	7.5	12.2	20.8	16.7	14.3	21.9	5.9	16.0	2.4	10.0	9.7	12.2	10.6	99	71	40	64	68	S	1	S	2	N	1	1.3
30	101.7	101.8	100.4	101.3	12.3	12.1	15.2	11.4	12.8	17.0	11.0	6.0	7.4	12.9	12.0	10.0	11.6	100	91	69	75	84	SW	2	SW	3	V	1	2.0
N	98.7	98.5	98.4	98.5	6.6	7.8	14.7	10.4	9.9	16.1	4.4	11.7	0.9	9.3	9.2	9.7	9.4	91	86	54	75	76		1.6	2.9	1.2	1.9		

Avril - April

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1963
THER - MET

Date	Nébulosité Cloudiness (0-10)				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h			
1	10	10	10	10.0	Se	Se	Se	0.0	.	0.13 ⁰⁴ -13 ⁰⁶ , 0.16 ³⁸ -16 ⁵¹ , 0.18 ⁴⁸ -18 ⁵⁸
2	9	10	4	7.7	Se	As, As	As	.	.	0.19 ^{...} ...
3	6	6	10	7.3	Cl	On	On	0.2	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
4	9	10	10	9.7	Cl	As, On	Se	28.4	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
5	10	10	1	7.0	Se	On, On	Cl	0.1	5	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
6	0	7	10	5.7	.	On	Se	0.2	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
7	5	9	2	5.3	As, On	On, Cl	On	11.1	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
8	0	9	10	6.3	.	On, As	Se	1.2	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
9	10	10	10	10.0	Se	Se	Se	0.0	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
10	0	7	2	3.0	.	On, Cl	As, On	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
11	10	10	4	8.0	Se	As	As, Cl, On	0.0	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
12	1	10	1	4.0	As	Se	On	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
13	10	10	10	10.0	On, As	Se	Se	0.0	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
14	10	5	10	8.3	Se	As, On, On	Se	1.7	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
15	10	10	10	10.0	Se	Se	Se	0.6	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
16	1	4	4	3.0	Cl	On	On	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
17	0	1	0	0.3	.	On	.	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
18	0	7	9	5.3	.	Cl	Cl	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
19	9	10	1	6.7	Cl, On	Cl, On	Cl	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
20	6	10	0	5.3	As	Se	.	0.0	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
21	1	0	0	0.3	Cl	.	.	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
22	7	10	10	9.0	Cl, On	On	On, As	2.2	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
23	10	7	10	9.0	Se	On	As, On	0.0	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
24	9	8	1	6.0	As	On, As	Cl	2.1	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
25	9	5	0	4.7	As, As	On	.	0.0	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
26	10	1	0	5.7	Se	On	.	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
27	7	9	5	7.0	Cl, As	Cl, On	As	0.0	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
28	9	2	5	5.3	As	On, As, Cl	Cl	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
29	6	4	10	6.7	Cl	Cl, On	As, As	1.9	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
30	10	5	4	6.3	Se	On	Cl, On	.	.	0.04 ⁵⁰ , 0.12 ⁵¹ -12 ⁵⁵ , 0.13 ¹² -13 ¹⁴ , 0.13 ³⁶ -13 ⁴¹ , 0.14 ¹² -14 ³⁵ , 0.15 ³⁶ -15 ⁴¹
N	6.5	7.2	5.4	6.4				57.7 ^N		^N Le total mm. Monthly mean.

Mai - May

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1905
1907 - 052

Date	Pression barométrique Atmospheric pressure 900 + ... (hPa)				Température de l'Air Air temperature [°C]								+ 5 cm	Tension de la vapeur Vapour pressure (hPa)				Humidité relative Relative humidity (%)					Vent-direction et vitesse Wind velocity and direction (m/s)						
	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Amp.		Min.	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N		
1	98.3	94.3	91.2	94.6	4.2	9.4	18.7	13.7	11.5	19.3	2.3	17.0	-0.6	11.2	7.3	9.7	9.4	98	95	94	62	72	SE	3	SEV	2	SE	1	2.0
2	83.2	82.3	86.2	83.9	11.0	11.2	12.3	12.1	11.6	13.7	9.7	4.0	6.9	10.7	13.8	13.8	12.8	65	80	96	98	85	SE	2	SEV	3	SEV	2	2.3
3	95.2	97.0	97.4	96.5	9.3	9.0	15.4	13.3	11.8	17.0	7.5	9.5	5.9	9.6	10.5	11.0	10.4	84	84	60	72	75	V	2	V	2	0	0	1.3
4	100.6	100.6	100.2	100.5	9.0	9.2	11.8	9.8	10.0	15.0	6.7	8.3	4.9	10.1	10.2	11.5	10.6	100	87	74	95	89	V	2	SEV	2	0	0	1.3
5	100.6	101.6	103.2	101.8	7.6	7.4	12.6	8.4	9.0	12.9	6.3	4.6	3.5	10.0	9.2	10.4	9.9	100	97	63	94	88	0	0	SEV	2	0	0	0.7
6	105.5	106.6	108.2	106.8	6.7	7.3	12.8	10.2	9.2	13.1	3.0	10.1	0.4	9.0	8.3	8.4	8.6	100	88	56	67	78	V	1	SEV	1	V	1	1.0
7	109.5	108.5	106.9	108.3	6.3	8.3	16.0	10.6	10.3	16.9	3.7	13.2	1.3	10.6	7.3	9.6	9.2	95	97	40	75	77	SE	1	SEV	2	0	0	1.0
8	103.8	100.7	99.3	101.3	3.5	11.0	16.0	12.4	10.7	17.4	1.2	16.2	-1.1	8.3	7.5	9.1	8.4	100	65	41	63	67	SE	1	SE	3	SE	1	1.7
9	96.6	94.5	94.6	95.2	8.5	10.9	14.4	12.1	11.5	15.5	7.5	8.0	5.7	8.3	9.4	11.6	9.8	74	63	57	82	69	SEV	3	SE	4	SE	4	3.7
10	92.5	93.1	92.4	92.7	10.4	11.8	13.3	12.4	12.5	16.0	9.9	6.1	8.4	13.5	13.3	13.4	13.4	97	97	77	93	91	V	1	V	2	0	0	1.0
11	92.4	91.5	91.8	91.9	7.8	10.4	19.6	15.9	13.4	20.5	7.5	13.0	4.6	12.6	13.6	14.6	13.6	100	100	60	81	85	SEV	1	SE	4	SE	1	2.0
12	94.4	97.6	98.0	96.7	9.8	12.1	19.2	15.3	14.1	20.0	9.4	10.6	6.4	13.6	12.2	14.4	13.4	96	96	55	85	82	0	0	SEV	3	SE	1	1.3
13	98.9	98.6	100.0	99.2	10.1	16.0	26.5	16.3	17.2	26.6	9.8	16.8	6.9	14.6	14.3	17.2	15.4	99	80	41	93	78	SEV	1	SEV	3	SE	1	1.7
14	100.1	101.7	102.4	101.4	13.4	16.2	22.6	18.6	17.7	23.2	11.1	12.1	8.9	17.0	16.9	17.9	17.9	94	93	69	84	85	SE	1	V	3	0	0	1.3
15	101.9	101.2	100.4	101.2	11.8	18.2	26.0	22.0	19.5	27.1	11.2	15.9	8.4	17.0	17.1	22.2	18.8	99	81	51	84	79	SE	1	SEV	2	SE	1	1.3
16	101.3	100.7	99.6	100.5	15.3	21.7	31.8	25.4	23.6	32.6	14.5	18.1	11.5	18.8	17.7	17.3	17.9	99	72	38	53	66	SE	2	SE	4	SEV	1	2.3
17	102.4	102.8	101.9	102.4	19.7	21.4	31.6	24.8	24.4	31.8	18.2	13.6	13.4	18.6	16.9	18.2	17.9	83	73	36	58	62	SEV	1	SE	3	SE	2	2.0
18	100.9	100.4	100.9	100.7	17.9	20.6	30.4	21.0	22.5	30.6	17.5	13.1	13.9	16.7	16.5	19.7	17.6	95	69	38	79	70	SEV	3	SE	2	SE	1	2.0
19	101.6	98.5	96.6	98.9	17.2	18.2	25.7	21.8	20.7	27.2	14.4	12.8	13.0	13.2	17.7	19.7	16.9	96	63	54	76	72	V	3	SEV	3	SEV	2	2.7
20	102.7	105.2	104.9	104.3	15.2	12.7	17.1	13.8	14.7	21.8	11.5	10.3	10.9	12.3	12.1	12.1	12.2	100	84	62	77	81	V	2	SEV	2	SE	1	1.7
21	103.3	99.4	97.4	100.0	6.5	12.9	22.7	21.4	15.9	24.0	5.0	19.0	2.4	12.1	15.4	18.6	15.4	100	81	56	73	78	SEV	4	SE	4	SE	2	3.3
22	97.5	99.4	99.7	98.9	16.5	18.2	27.0	22.7	21.1	27.4	16.1	11.3	12.9	15.8	18.0	21.7	18.5	92	76	51	79	74	SEV	1	SEV	3	SE	1	1.7
23	100.9	98.8	96.9	98.9	16.4	16.7	29.0	24.9	21.8	29.4	13.6	15.8	10.3	17.0	19.4	19.7	18.7	98	90	49	63	75	SEV	2	SE	2	SEV	2	2.0
24	94.1	92.6	91.0	92.6	17.3	20.6	29.0	25.9	23.2	30.1	15.8	14.3	12.6	19.6	18.0	19.1	18.9	96	81	45	57	70	SE	2	SE	4	SE	3	3.0
25	92.5	93.0	96.5	94.0	18.0	20.6	28.2	17.6	21.1	28.6	17.1	11.5	13.9	17.9	18.7	14.8	17.1	96	74	49	74	73	SE	1	SEV	4	SE	2	2.3
26	99.4	98.9	98.8	99.0	11.7	15.0	21.2	18.2	16.5	21.4	8.7	12.7	6.4	14.5	12.5	15.4	14.0	99	84	49	74	76	V	2	V	2	0	0	1.3
27	101.2	101.4	101.0	101.2	10.0	15.0	23.2	18.6	16.7	23.5	8.9	14.6	6.6	14.3	11.5	15.5	13.8	100	84	40	73	74	SE	1	SEV	2	V	1	1.3
28	101.1	101.1	100.9	101.0	14.3	14.2	16.0	14.7	14.8	18.6	13.4	5.2	11.5	15.6	16.4	14.2	15.4	100	97	90	85	93	0	0	V	2	V	2	1.3
29	101.5	100.8	99.7	100.7	10.6	12.4	19.6	16.4	14.8	19.8	7.5	12.3	4.9	12.4	9.7	13.4	11.8	97	86	43	72	74	V	2	V	1	SE	1	1.3
30	102.3	101.8	101.1	102.4	9.4	14.5	19.7	17.3	15.2	21.5	9.0	12.5	6.4	12.7	14.6	17.0	14.8	97	77	64	86	81	SEV	2	SEV	2	0	0	1.3
31	107.6	108.7	109.6	108.6	11.6	17.1	22.7	17.9	17.3	22.7	11.0	11.7	8.9	13.0	10.7	13.1	12.3	100	67	39	64	68	V	1	V	2	SE	1	1.3
M	99.5	99.1	99.1	99.2	11.5	14.2	21.1	17.0	16.0	22.1	10.0	12.1	7.4	13.6	13.5	15.0	14.0	95	83	54	76	77		1.6		2.6		1.1	1.8

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h			
1	0	2	5	2.3	.	Ca	Cl	0.0	.	Δ_{10-6}^{15} , Δ_{0-15}^{20}
2	10	10	10	10.0	Se	Se	Se	12.1	.	Δ_{0-3}^{50} , Δ_{0-19}^{50} , Δ_{0-16}^{20} , Δ_{0-21}^{20} , Δ_{0-21}^{17} , Δ_{0-15}^{49}
3	9	9	6	8.0	As, As	Ca, Ca	Ca	2.7	.	Δ_{1-0}^{10} , Δ_{1-12}^{50} , Δ_{0-20}^{10} , Δ_{0-20}^{24} , Δ_{0-20}^{24} , Δ_{0-20}^{24} , Δ_{0-20}^{24} , Δ_{0-20}^{24} , Δ_{0-20}^{24}
4	0	10	10	6.7	.	Se	Se	9.4	.	Δ_{0-10}^{21} , Δ_{0-10}^{17} , Δ_{0-11}^{50} , Δ_{0-13}^{40} , Δ_{0-13}^{51} , Δ_{0-17}^{100} , Δ_{0-17}^{45} , Δ_{0-23}^{45} , Δ_{0-23}^{100}
5	9	6	10	8.3	Se, As	Ca, As	Se	0.4	.	Δ_{0-10}^{100} , Δ_{0-30}^{46} , Δ_{0-10}^{45} , Δ_{0-13}^{18} , Δ_{0-14}^{29} , Δ_{0-14}^{45} , Δ_{0-16}^{53} , Δ_{0-16}^{53} , Δ_{0-16}^{53} , Δ_{0-16}^{53}
6	6	7	6	6.3	Ca	Ca, As	Ca	0.4	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
7	9	9	1	6.3	As, Ca	Ca	Cl	0.4	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
8	0	6	7	4.3	.	Ca	As, Cl	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
9	10	10	10	10.0	As	Ca, As	Ca, As	5.0	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
10	10	10	1	7.0	St	Se, As	Cl	0.1	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
11	10	4	10	8.0	As	Ca, As	Se	8.4	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
12	10	3	3	5.3	Se	Ca	Cl	1.6	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
13	7	5	10	7.3	As	Cl, Ca	Cl	12.5	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
14	6	2	0	2.7	Cl, Ca	As, Ca	.	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
15	10	7	9	8.7	Cl	Cl	Cl, Ca	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
16	0	8	1	3.0	.	Cl	Cl	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
17	0	1	2	1.0	.	Ca	As	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
18	0	5	9	4.7	.	Ca, As	Cl	0.1	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
19	9	1	10	6.7	Se, As	Ca	Cl	12.9	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
20	9	2	0	3.7	Se	Ca	.	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
21	3	2	4	3.0	As	Ca	Cl, As	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
22	10	9	2	7.0	As	Cl, Ca	Cl	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
23	8	1	3	4.0	Cl, Ca	Cl, Ca	Cl	0.0	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
24	0	3	4	2.3	.	Ca, Cl	Cl	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
25	0	7	6	4.3	.	Ca	Cl	1.4	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
26	3	9	8	6.7	Cl, Ca, Ca	Ca, As	Se, Cl, Ca	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
27	0	5	0	1.7	.	Ca	.	2.4	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
28	10	10	10	10.0	Cl	Se	Se	2.4	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
29	0	6	1	2.3	.	Ca	Ca	0.0	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
30	8	2	1	3.7	Cl, Ca, As	Cl	Cl	4.3	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
31	9	4	0	4.3	As, As	Ca, Cl	.	.	.	Δ_{0-10}^{26} , Δ_{0-10}^{19}
N	5.6	5.6	5.1	5.4				76.1		Ne total mean. Monthly mean.

Pala - June

LES ÉLEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1953
1952 - 502

Date	Pression barométrique Atmospheric pressure 900 + ... (hPa)				Température de l'air Air temperature [°C]								Tension de la vapeur Vapour pressure (hPa)				Humidité relative Relative humidity (%)					Vent-direction et vitesse Wind velocity and direction (m/s)							
	0 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.	0 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	0 ^h	12 ^h	18 ^h	N			
1	111.1	110.3	109.8	110.4	12.1	16.6	26.4	21.8	15.2	26.6	9.6	17.0	7.4	12.5	10.9	15.4	12.9	86	66	52	59	61	SE	1	S	2	SE	1	1.3
2	110.6	109.2	107.3	109.0	13.9	19.5	27.4	23.6	21.1	28.0	13.5	14.5	9.7	15.2	13.6	13.9	14.2	88	67	57	48	60	SE	2	SE	3	SE	2	2.3
3	108.8	109.6	111.0	109.8	17.8	18.0	25.2	18.6	15.9	23.4	14.8	10.6	11.7	18.2	12.4	14.2	14.9	65	88	59	66	64	N	1	WV	4	0	0	1.7
4	114.5	113.4	111.5	113.1	8.8	17.1	25.1	21.4	18.1	26.0	8.6	17.4	6.2	13.7	12.3	17.3	14.4	100	70	59	68	69	SE	1	V	3	0	0	1.3
5	107.0	105.3	104.1	104.9	14.3	19.9	27.6	13.6	18.8	29.1	11.9	17.2	9.3	16.7	15.8	14.9	15.8	95	72	43	55	76	S	2	WV	3	WV	2	2.3
6	103.5	105.3	109.1	106.0	11.9	12.4	14.2	12.4	12.7	16.5	10.9	5.6	9.8	12.4	11.2	9.4	11.0	96	86	69	65	79	W	2	WV	2	N	3	2.3
7	116.9	115.9	115.4	116.1	6.7	9.4	16.4	14.0	11.6	18.5	3.6	14.9	1.7	8.6	8.2	11.4	9.4	96	73	44	71	71	N	2	V	3	N	1	2.0
8	116.3	115.0	112.7	114.7	6.9	14.0	21.1	18.6	15.2	22.5	6.9	15.6	4.4	11.1	10.9	14.2	12.1	100	69	44	66	70	W	2	WV	2	0	0	1.3
9	109.7	105.7	102.7	106.0	9.1	15.9	27.0	23.0	18.8	27.7	8.3	15.4	5.3	12.1	11.6	18.6	14.1	100	67	53	66	66	W	2	W	2	WV	1	1.7
10	102.3	100.9	100.3	101.2	17.9	19.0	22.0	16.0	18.7	23.0	14.9	8.1	11.9	16.8	13.2	14.4	14.8	74	76	50	79	70	V	3	V	4	V	1	2.7
11	103.5	104.5	103.8	103.9	9.2	14.2	18.7	15.4	14.4	20.5	8.2	12.3	5.4	9.9	10.3	12.7	11.0	90	61	48	73	68	V	2	V	1	V	1	1.3
12	107.0	106.1	106.0	106.4	7.0	14.6	23.4	19.8	16.2	24.0	6.5	17.9	4.3	12.6	11.1	15.0	12.9	100	76	59	65	70	SE	1	WV	1	0	0	0.7
13	105.1	104.5	103.7	104.4	12.4	19.3	23.6	21.0	19.1	24.7	11.3	13.4	9.8	12.9	11.2	15.4	13.2	99	58	58	62	64	S	1	WV	1	WV	1	1.0
14	105.3	104.4	103.4	104.4	14.7	20.4	27.3	21.3	20.9	28.1	10.9	17.2	7.9	13.3	11.8	14.6	13.2	94	56	53	57	60	S	2	WV	1	N	1	1.3
15	103.3	102.3	102.4	102.7	10.9	18.0	18.2	14.5	15.4	22.1	10.4	11.7	8.1	15.6	15.8	15.8	15.7	99	73	76	56	86	V	1	WV	3	N	2	2.0
16	102.3	103.7	104.6	103.5	12.2	11.1	16.2	14.8	13.6	16.8	10.4	6.4	9.5	12.4	11.9	10.4	11.6	97	94	65	62	80	W	2	W	3	W	2	2.3
17	106.8	107.1	107.1	107.0	7.1	12.4	18.3	17.2	13.8	19.0	6.5	12.5	3.8	11.4	11.1	16.6	13.0	100	79	53	85	79	V	2	WV	1	WV	2	1.7
18	109.7	109.6	108.1	109.1	14.2	12.6	19.6	14.6	14.2	17.5	11.4	6.1	10.9	12.4	13.3	14.8	13.5	88	85	75	89	84	N	2	WV	3	W	2	2.3
19	105.3	105.0	104.4	105.0	15.2	15.7	18.8	19.2	17.2	21.0	14.4	6.6	13.1	16.3	15.0	18.2	17.8	88	91	87	82	87	N	2	N	3	N	2	2.3
20	106.0	106.8	106.4	106.4	15.3	16.4	24.2	22.2	19.5	25.6	15.6	12.0	11.3	16.9	15.9	13.6	15.5	96	91	53	51	75	WV	2	WV	3	WV	2	2.3
21	108.6	107.2	109.3	108.4	12.1	16.8	24.3	19.0	18.0	25.1	10.5	14.6	7.4	13.9	11.0	12.9	12.6	100	73	56	59	67	V	1	V	2	N	3	2.0
22	113.0	111.3	109.8	111.4	6.3	12.4	17.7	16.1	13.1	19.0	5.0	14.0	2.1	8.2	7.3	9.2	8.2	95	57	56	51	60	WV	2	W	2	N	1	1.7
23	110.8	108.8	106.7	108.8	5.6	14.0	21.2	18.4	14.8	22.3	5.0	19.3	0.9	8.4	7.8	11.0	9.1	98	53	51	52	58	S	2	V	2	W	1	1.7
24	106.3	105.4	103.6	105.2	6.5	16.4	25.4	22.4	17.7	26.7	6.0	20.7	2.4	11.6	10.1	14.5	12.1	100	62	51	53	62	WV	2	V	1	0	0	1.0
25	103.9	101.2	100.8	102.0	10.6	20.0	29.4	23.7	20.9	30.5	9.4	21.1	5.9	15.2	13.0	15.1	14.4	96	65	52	51	61	V	1	V	3	N	1	1.7
26	103.5	102.8	101.0	102.4	16.5	18.0	24.2	22.2	20.2	25.7	14.4	11.3	12.1	14.1	11.5	13.4	13.0	100	68	58	50	64	V	1	W	2	W	1	1.3
27	98.6	96.5	95.6	96.9	11.2	16.6	26.8	19.8	18.6	27.2	10.9	16.3	7.8	15.7	17.5	20.0	18.3	95	59	49	87	81	WV	1	WV	2	S	1	1.3
28	93.3	95.9	96.5	95.9	14.4	17.6	17.8	16.6	17.1	19.8	14.6	5.2	12.9	15.5	17.0	13.2	16.4	97	97	85	70	87	V	1	V	3	V	1	1.7
29	107.0	103.1	103.3	103.1	7.6	13.0	20.0	17.4	14.5	20.5	5.5	15.0	3.1	10.9	9.0	13.3	11.1	100	73	59	67	70	V	2	V	2	0	0	1.3
30	105.2	103.6	103.6	104.1	8.5	14.8	24.6	21.4	17.4	24.8	7.0	17.8	4.3	12.5	10.4	12.9	11.9	100	74	54	51	65	W	2	WV	3	WV	1	2.0
N	106.7	106.0	105.5	106.1	11.3	15.9	22.3	18.7	17.0	23.5	9.8	13.7	7.4	13.4	12.2	14.2	13.3	94	74	47	67	70		1.7	2.3	1.2	1.7		

Juillet - July

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1907
TMSR - CHY

Date	Pression barométrique Atmospheric pressure 900 + ... (hPa)				Température de l'air Air temperature (°C)										Tension de la vapeur Vapour pressure (hPa)				Humidité relative Relative humidity (%)					Vent-direction et vitesse Wind velocity and direction (m/s)					
	6 ^h	12 ^h	18 ^h	N	6 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N			
																											+ 5 cm	(hPa)	(%)
1	104.0	103.3	103.6	103.6	12.5	19.2	27.2	23.0	20.5	28.1	10.1	18.0	7.5	17.0	14.8	18.6	16.0	92	76	41	66	69	S	2	S	1	0	0	1.0
2	107.5	108.6	109.3	108.5	15.0	17.6	21.7	18.4	18.2	23.0	13.4	9.6	10.5	16.7	16.6	14.9	16.1	99	83	64	71	79	V	4	W	3	N	2	3.0
3	110.6	108.9	107.4	109.0	10.3	17.0	24.9	20.3	18.1	25.3	8.0	17.3	5.3	13.4	11.5	15.4	13.4	98	69	37	64	67	NE	1	V	2	0	0	1.0
4	107.7	107.2	106.9	107.3	12.5	19.8	27.7	24.0	21.0	27.8	12.5	15.3	9.4	14.0	12.1	15.4	14.1	97	64	33	52	62	SW	1	V	3	0	0	1.3
5	111.7	111.5	110.5	111.2	15.5	17.0	24.4	21.4	19.6	25.1	12.8	12.3	9.9	12.7	13.7	13.7	12.7	97	66	38	54	64	N	2	V	3	SW	2	2.3
6	111.4	109.9	108.1	109.8	11.4	20.4	26.6	24.1	20.6	27.6	9.9	17.7	6.9	13.9	15.1	15.4	14.8	99	58	43	51	63	O	0	N	3	N	1	1.3
7	107.5	105.8	103.7	105.7	12.7	19.7	26.2	23.1	20.4	27.3	10.5	16.8	7.3	15.2	9.7	12.5	12.5	99	66	28	44	59	N	1	N	2	N	1	1.3
8	103.8	103.0	102.9	103.2	10.3	17.8	26.4	24.1	19.6	27.6	8.6	19.0	5.4	13.5	11.7	15.2	13.5	98	66	34	50	62	SW	1	N	2	NE	1	1.3
9	106.2	106.0	104.8	105.7	13.6	20.4	27.6	25.8	21.8	29.3	11.9	17.4	8.7	16.9	13.6	14.2	14.9	100	70	37	43	62	N	1	N	3	V	2	2.0
10	107.2	106.9	106.1	106.7	15.3	20.8	29.1	26.4	22.9	30.1	13.0	17.1	9.8	16.0	14.4	16.7	15.7	86	65	36	49	59	SW	1	NE	4	N	1	2.0
11	106.4	105.2	102.2	104.6	19.1	20.9	26.6	20.8	21.8	27.6	16.6	11.0	14.3	18.5	19.9	20.5	19.6	82	75	57	84	74	N	2	V	2	V	1	1.7
12	99.2	98.3	97.9	98.5	17.2	10.2	25.0	22.1	20.6	25.1	16.3	8.8	15.9	19.8	17.2	17.6	18.2	98	95	54	66	74	V	2	E	3	O	0	1.7
13	95.7	94.2	93.1	94.3	16.1	21.2	26.0	23.5	21.9	27.6	15.8	11.8	13.5	18.1	15.6	19.9	17.9	100	72	44	69	71	NE	2	SW	2	SW	1	1.7
14	97.1	98.0	99.3	98.1	17.0	10.6	23.8	22.2	20.4	25.8	15.9	9.9	13.9	19.3	18.8	16.7	18.3	97	90	64	62	78	W	2	V	3	SW	2	2.3
15	102.7	102.5	101.3	102.2	13.9	18.0	25.8	21.9	19.9	26.0	11.0	15.0	8.4	12.4	12.8	17.5	14.2	91	60	39	67	64	W	2	V	3	SW	1	2.0
16	102.3	100.8	100.4	101.2	12.9	19.2	29.6	21.6	20.8	30.1	11.2	10.9	8.8	16.2	16.2	18.8	17.1	99	73	39	73	71	S	1	V	2	V	2	1.7
17	105.5	106.3	106.1	106.0	15.3	17.8	24.2	21.2	19.6	25.1	14.3	10.8	12.4	18.2	11.3	13.5	14.3	98	89	37	53	69	W	2	SW	2	SW	1	1.7
18	108.2	106.7	104.7	106.5	10.8	19.6	28.0	25.3	20.9	29.3	8.5	20.8	6.3	13.6	13.1	18.1	14.9	98	60	35	56	62	N	1	SW	2	NE	1	1.3
19	107.8	104.0	103.5	103.4	13.1	21.3	27.2	24.3	23.0	27.8	17.6	10.2	15.4	21.7	17.0	18.8	19.2	76	86	47	62	68	V	1	SW	4	SW	1	2.0
20	103.4	102.4	102.3	102.7	18.1	17.4	12.4	13.4	15.3	24.3	10.9	13.4	10.9	12.4	13.5	11.0	12.3	84	62	54	72	78	SW	1	V	3	SW	2	2.0
21	102.1	103.6	103.0	102.9	11.2	12.4	16.1	14.6	13.6	19.0	9.9	9.1	6.3	11.0	11.3	10.4	10.9	84	77	62	63	72	V	4	V	3	V	2	3.0
22	101.2	100.2	98.2	99.9	11.1	12.8	19.0	17.2	15.0	20.0	9.8	10.2	7.4	11.7	11.1	12.9	11.9	76	79	51	66	68	V	3	SW	3	V	2	2.7
23	95.2	96.0	97.1	96.1	10.8	12.8	17.0	17.5	14.5	19.2	10.5	8.7	8.5	14.3	17.2	15.6	15.7	86	96	89	78	87	V	1	V	1	SW	2	1.3
24	99.7	100.6	101.0	100.4	14.1	13.0	17.4	16.0	15.1	19.5	10.9	8.6	8.3	14.6	15.3	14.9	14.9	98	98	77	82	89	W	1	NE	1	SW	1	1.0
25	102.7	103.3	102.9	103.0	8.8	14.6	17.8	17.3	14.6	18.7	7.5	11.2	5.4	15.1	15.8	15.4	15.4	98	91	77	78	86	V	2	SW	2	SW	2	2.0
26	103.9	104.4	104.2	104.2	14.9	16.6	27.2	26.1	21.2	29.6	13.5	16.1	10.9	15.8	20.9	19.4	18.7	84	84	58	57	71	V	2	N	2	V	1	1.7
27	105.7	104.3	103.2	104.4	16.4	20.2	30.4	25.4	23.1	31.6	13.9	17.7	11.2	17.4	12.0	20.0	16.5	98	74	28	62	66	N	1	N	1	NE	1	1.0
28	101.0	101.4	100.9	101.1	18.9	21.1	26.2	23.6	22.4	26.5	17.5	9.0	16.9	21.0	19.6	14.3	18.3	96	84	58	49	72	V	2	SW	4	SW	2	2.7
29	101.5	99.7	98.8	100.0	15.3	16.8	24.6	21.4	19.5	25.7	13.9	11.8	10.4	15.8	12.9	14.1	14.3	95	83	42	55	69	V	2	V	4	V	2	2.7
30	97.9	99.3	102.2	99.8	16.3	16.0	20.6	18.1	18.0	21.4	15.8	5.6	12.4	18.1	14.9	11.8	14.9	94	95	61	57	77	SW	2	W	4	SW	3	3.0
31	106.4	106.4	105.6	106.1	12.2	16.2	24.1	19.3	18.0	25.6	10.5	15.1	7.4	14.2	12.9	14.6	13.9	92	77	43	65	69	V	1	V	2	O	0	1.0
M	103.8	103.5	102.9	103.4	14.1	17.9	24.2	21.4	19.4	25.7	12.3	13.4	9.9	15.8	14.5	15.7	15.3	93	77	50	62	70		1.6	2.5	1.3	1.8		

Date	Ebulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Precipitation Précipitation	Couleur du ciel Sky colour	Remarques Remarks
	6 ^h	12 ^h	18 ^h	L	6 ^h	12 ^h	18 ^h	[mm]	[cs]	
1	1	2	2	1.7	Ca	Ca	Cl, Ca	.	.	$\odot_{8.47-43}^0, \odot_{8.51-9.01}^0$ $\Delta_{8.50}^0$
2	10	4	0	4.7	Se	Ca	.	0.0	.	
3	1	4	1	2.0	Ca	Ca, Cl	Cl	.	.	
4	0	4	1	1.7	.	Ca	Ca	.	.	
5	7	1	1	3.0	Cl	Cl	Cl	.	.	
6	1	3	0	1.3	Cl	Ca, Cl	.	.	.	
7	0	0	0	0.0	.	.	.	.	.	
8	0	2	1	1.0	.	Ca	Ca	.	.	
9	0	7	1	2.7	.	Ca, Cl	Cl	.	.	
10	0	4	5	3.0	.	Ca	Cl	.	.	
11	9	8	9	8.7	Ac, Ac, Se, Ca	Ca, Cl, Ca	Ac, Ac, Cl, Ca	14.6	.	$(R)^0_{11.63-8} 17^{00}, (R)^0_{11.75-8} 15^{55}, (R)^0_{11.85-8} 15^{32}, (R)^0_{11.95-8} 12^{21}, (R)^0_{12.05-8} 13^{46}, (R)^0_{12.15-8} 14^{27},$ $14^{50}, (R)^0_{12.25-8} 15^{29}, (R)^0_{12.35-8} 20^{24}, \odot_{12.30-7.22}^0, \odot_{12.30-9.32}^0, \odot_{12.56-13.47}^0, \odot_{12.21-20.30}^0, \odot_{12.21-21.46}^0, \odot_{12.21-22.02}^0,$ $\odot_{12.23-23.30}^0, \odot_{12.23-24.00}^0, \odot_{12.40-12.35}^0,$ $\odot_{12.25-13.53}^0, \odot_{12.16-4.26}^0, (R)^0_{12.39-5.8} 12^{42}$ $\Delta_{12.30}^0, (R)^0_{12.09-5.7-8} 13^{50}, (R)^0_{12.13-5.30} 13^{55}$ $(R)^0_{12.55-6.04} 13^{47}, (R)^0_{12.13-7.17-8} 14^{17}, \odot_{12.03-6.12}^0, \odot_{12.35-6.39}^0, \odot_{12.13-5.7-8} 14^{22}$ $\Delta_{12.6-7.35}^0$ $\Delta_{12.45}^0, \odot_{12.30-12.33}^0, \odot_{12.13-13.51}^0, \odot_{12.13-14.36}^0, (R)^0_{12.13-5.8-8} 13^{47}$ $\Delta_{12.7}^0$
12	10	8	5	7.7	Se	Ca	Cl, Ca	.	.	
13	1	4	7	4.0	Ac	Ca, Cl	Ca, Ca, Ac	.	.	
14	10	8	3	7.0	Se, Ca	Ca, Ac	Ac, Cl	4.5	.	
15	0	6	0	2.0	.	Cl, Ca	.	.	.	
16	2	5	2	3.0	Cl	Ca	Cl	0.7	.	
17	8	1	1	3.3	Se, Ca	Ca	Cl	.	.	
18	0	6	1	2.3	.	Cl	Cl, Ca	1.1	.	
19	7	5	7	6.3	Ac	Ca	Se, Ca	0.0	.	
20	10	10	8	9.3	Se	Ac	Se	10.0	.	
21	1	9	10	6.7	Ca	Ca, Ca, Ca, Cl, Ca	Se	0.8	.	
22	10	9	9	9.3	Ac, Ac	Se, Ca, Cl	Ca, Ac	2.7	.	
23	10	10	7	9.0	Se	Se	Ac, Ca	5.6	.	
24	10	10	8	9.3	Se, Ac	Ca, Ac	Ac, Ac, Cl	.	.	
25	7	10	10	9.0	Ac	Ca	Ac	0.9	.	
26	8	7	8	7.7	Se, Ca	Ca	Se, Ca	.	.	
27	0	0	7	2.3	.	.	Cl, Ca	4.4	.	
28	7	8	1	5.3	Ca, Ac	Ca, Ac	Ca	.	.	
29	10	2	8	6.7	Se	Cl, Ca, Ca	Cl	0.7	.	
30	10	9	10	9.7	Se	Ac	Se	0.7	.	
31	0	7	0	2.3	.	Ca	.	.	.	
M	4.8	5.6	4.3	4.9				46.7 ^M		^M Le total mens. Monthly mean.

Año - August

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1907
1907 - 087

Date	Pression barométrique Atmospheric pressure 900 + ... [hPa]				Température de l'air Air temperature [°C]									Tension de la vapeur Vapour pressure [hPa]				Humidité relative Relative humidity [%]					Vent-direction et vitesse Wind velocity and direction [m/s]							
	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N				
																											+ 5 cm			
1	105.9	107.3	101.5	105.6	11.2	18.3	27.8	23.8	20.3	28.6	10.6	18.0	7.4	13.5	13.0	14.2	13.6	98	64	35	48	61	ENE	2	S	4	N	2	2.7	
2	100.6	99.1	98.9	99.5	16.5	13.8	28.8	25.3	22.6	23.6	15.3	14.3	9.9	14.2	17.3	20.1	17.2	73	61	44	62	60	N	2	SW	3	N	2	2.3	
3	98.0	93.8	97.2	97.0	19.2	18.3	27.3	22.0	21.8	28.8	16.8	12.0	15.9	17.6	18.9	24.1	20.2	83	83	52	91	78	ENE	2	S	2	O	0	1.3	
4	99.3	100.9	100.6	100.3	18.1	14.6	14.0	13.6	13.1	22.0	13.1	8.9	12.4	13.3	14.7	15.0	14.3	81	80	92	97	88	V	2	WV	1	WV	1	1.3	
5	101.7	102.1	102.4	102.1	12.8	12.0	17.7	17.0	14.9	19.0	10.9	6.1	9.9	13.5	12.5	14.1	13.4	96	96	62	73	82	SW	2	S	2	N	1	1.7	
6	105.4	105.8	106.0	105.7	11.6	14.0	20.8	18.6	16.2	23.0	8.8	14.2	5.9	13.1	12.2	15.7	13.7	95	82	90	73	73	SE	1	N	2	NE	1	1.3	
7	107.2	107.3	107.1	107.2	17.1	17.5	19.8	16.6	17.8	25.1	15.3	9.8	13.3	18.6	20.9	17.9	19.1	82	93	91	95	90	ENE	2	SW	1	SW	1	1.3	
8	108.4	109.5	110.2	109.4	14.8	17.8	26.6	19.8	19.8	27.8	12.6	13.2	10.4	19.4	18.8	18.6	18.9	95	95	54	80	81	WV	2	N	2	N	2	2.0	
9	111.3	110.4	108.6	110.1	13.2	18.8	26.6	22.2	20.7	28.9	14.4	14.5	12.4	19.0	17.9	17.5	18.1	95	87	51	65	74	N	1	N	3	N	1	1.7	
10	107.8	105.2	102.6	105.2	14.0	17.6	27.0	22.6	20.3	27.1	10.9	16.2	8.4	15.6	16.7	18.2	16.8	98	77	47	67	72	N	1	NE	2	O	0	1.0	
11	99.9	97.9	96.2	98.0	15.1	17.2	26.6	22.8	20.4	28.1	12.4	13.7	9.9	15.5	16.1	18.3	16.6	99	79	46	66	72	N	1	NE	2	O	0	1.0	
12	94.4	92.4	91.0	92.6	15.6	13.1	28.1	21.4	21.0	28.6	13.4	13.2	10.9	17.5	15.8	12.7	13.3	98	79	42	50	67	V	1	WV	3	V	1	2.7	
13	88.4	89.5	93.2	90.4	12.8	14.4	15.4	13.8	14.1	21.4	12.6	8.8	9.8	15.8	14.7	14.7	15.1	92	97	84	95	92	V	1	V	2	V	2	1.7	
14	101.2	103.0	104.9	103.0	12.0	13.3	18.3	15.2	14.7	20.0	9.3	10.5	7.8	11.0	11.1	12.2	11.4	83	72	53	70	70	WV	1	WV	1	V	1	1.0	
15	110.7	110.6	109.1	110.1	-	12.4	22.4	17.2	(17.3)	23.5	5.2	18.3	3.4	12.7	11.7	13.2	12.5	-	88	43	68	(66)	66	O	0	WV	2	S	1	1.0
16	107.6	104.5	102.0	104.7	9.7	13.8	27.3	21.6	18.6	27.8	9.7	18.1	6.9	14.4	12.8	16.9	14.7	100	80	35	66	70	SW	1	SW	4	SW	1	2.0	
17	102.1	102.6	103.6	102.8	15.3	18.6	26.7	19.2	20.0	27.3	14.5	12.8	10.9	14.8	16.3	20.3	17.2	93	69	47	51	75	S	2	WV	3	V	1	2.0	
18	108.3	109.1	109.6	109.0	14.1	16.0	23.6	17.0	17.7	24.8	11.4	13.4	8.9	17.0	12.7	14.1	14.6	93	94	44	73	76	N	1	N	2	N	1	1.3	
19	111.8	110.7	109.5	110.7	14.5	15.2	24.9	18.6	18.3	25.6	7.3	18.3	4.9	12.7	12.1	15.1	13.3	96	73	38	71	70	O	0	SW	2	O	0	0.7	
20	110.4	110.1	109.3	109.9	11.2	16.0	27.4	20.0	18.6	27.7	8.9	18.8	6.4	13.7	13.4	16.8	14.6	97	75	37	72	70	O	0	V	1	V	1	0.7	
21	110.1	109.2	108.6	109.3	14.4	17.0	26.4	21.1	19.7	27.1	12.2	14.9	9.4	14.9	14.2	16.3	15.1	94	77	41	65	69	N	2	ENE	2	NE	1	1.7	
22	109.9	109.3	109.2	109.5	17.1	18.2	26.2	19.5	20.2	26.6	13.6	13.0	11.0	12.4	12.7	15.0	13.4	73	60	37	66	59	N	2	NE	3	NE	1	2.0	
23	110.3	109.0	108.5	109.3	10.2	14.9	25.2	18.8	17.3	26.7	7.1	19.6	3.7	12.1	14.3	15.6	14.0	95	71	45	72	71	WV	1	SE	2	O	0	1.0	
24	108.4	107.4	106.4	107.4	10.0	17.2	27.8	20.3	18.9	28.6	9.5	19.1	6.5	15.3	13.0	15.6	14.6	100	78	35	65	70	ENE	2	SW	3	N	1	2.0	
25	106.8	106.9	107.2	107.0	12.2	16.1	25.9	18.2	17.6	25.1	10.3	14.8	7.8	14.7	14.9	14.7	14.8	96	80	50	70	74	O	0	WV	2	O	0	0.7	
26	108.8	107.5	106.3	107.5	8.3	11.6	23.6	16.6	15.0	24.1	4.5	19.6	1.4	9.7	8.5	11.0	9.7	93	71	29	39	63	NE	1	V	2	SW	1	1.3	
27	107.0	106.4	105.7	106.4	6.3	12.5	24.8	18.6	15.6	23.6	4.9	20.7	2.4	13.0	13.0	13.6	13.2	94	89	41	64	72	SW	1	SW	3	O	0	1.3	
28	104.8	103.8	104.1	104.2	9.3	14.3	25.9	21.0	17.6	26.6	8.2	18.4	4.9	13.4	13.7	14.8	14.0	98	82	41	59	70	WV	1	V	3	WV	1	1.7	
29	108.6	108.4	109.6	108.9	15.6	13.4	21.8	14.7	16.4	22.4	9.9	12.5	3.4	12.6	7.3	9.8	9.9	90	82	28	38	65	ENE	2	N	3	NE	1	2.0	
30	112.7	111.5	110.4	111.5	6.2	12.0	24.4	15.8	14.6	25.1	4.0	21.1	1.4	9.4	9.8	14.4	11.2	93	67	32	80	68	S	1	S	1	O	0	0.7	
31	111.6	109.4	109.1	110.0	7.9	13.3	26.4	17.4	16.2	27.2	5.2	22.0	1.9	10.0	10.1	11.8	10.6	97	65	29	60	63	SW	1	SW	2	O	0	1.0	
N	105.8	105.1	104.8	105.2	(13.0)	15.7	24.3	19.0	(18.0)	25.8	10.4	15.4	7.8	14.2	13.9	13.6	14.6	(92)	79	47	71	(72)		1.3	2.3	0.8	1.5			

Aéri - August

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1967
2007 - 007

Date	Épaisseur Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation [mm]	Grosche de neige Snow cover [mm]	Remarques Remarks
	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h			
1	0	0	1	0.3	.	.	CI	.	.	Δ ⁰ ₈₋₆ ¹⁰
2	1	9	9	6.3	CI	Os, As	As, Os	1.1	.	(CI) ¹³ ₂₃ ²⁷ 27-28 24 ⁰⁰
3	10	9	9	3.3	Os, Os	As, Os	As	0.6	.	(CI) ¹³ ₂₃ ⁰⁰ 28-29 33 ⁵⁵ , (CI) ⁰² ₂₈ ¹⁰ 30-31 11 ²⁷ , (CI) ⁰² ₂₈ ¹⁵ 31-32 13 ²⁵ , Δ ⁰ ₁₃ ⁵⁵ 32 ⁰² , Δ ⁰ ₁₁ ²⁴ 11 ²⁹ , Δ ⁰ ₁₂ ²⁸ 13 ²⁸ , Δ ⁰ ₁₃ ⁵⁴ 14 ⁵⁶
4	10	10	10	10.0	Se, As	Se	Se	6.3	.	Δ ⁰ ₈ ¹³ 13 ⁴⁵ , Δ ⁰ ₈ ⁵⁷ 9 ⁴⁷ , Δ ⁰ ₁₀ ³⁰ 13 ³³ , Δ ⁰ ₁₃ ⁴⁸ 14 ⁵⁵ , Δ ⁰ ₁₅ ⁰⁰ 16 ³³ , Δ ⁰ ₂₁ ²⁴ 21 ⁴⁵ , Δ ⁰ ₂₂ ⁰⁶ 24 ⁰⁰
5	10	5	10	8.3	Se	Os	Se	.	.	Δ ⁰ ₁₀ ⁰⁰ 13 ³⁰ , Δ ⁰ ₁₁ ¹¹ 16 ¹⁶
6	0	8	9	5.7	.	Os	As	0.6	.	Δ ⁰ ₁₃ ⁴⁵ , Δ ⁰ ₂₃ ⁵⁷ 24 ⁰⁰
7	9	9	1	6.3	As	Os	CI	8.1	.	Δ ⁰ ₈ ⁰⁰ 03 ⁰¹ , Δ ⁰ ₈ ⁰⁷ 13 ⁴⁵ , Δ ⁰ ₁₂ ⁰⁷ 18 ¹⁸ , Δ ⁰ ₂₀ ²⁰ 27 ³⁷ , Δ ⁰ ₂₁ ⁰⁵ 11 ²⁴ , Δ ⁰ ₁₁ ³⁹ 13 ⁰⁴ , Δ ⁰ ₁₂ ³⁵ 13 ³⁰ , Δ ⁰ ₂₄ ¹¹ 14 ⁵⁴ , Δ ⁰ ₂₄ ⁴⁵ 16 ⁴⁸
8	2	9	9	6.7	As	As, Os	Os	0.2	.	(CI) ⁰² ₂₈ ²³ 28-29 9 ¹⁸ , (CI) ¹³ ₂₈ ¹⁰ 30-31 12 ¹⁸ , (CI) ¹³ ₂₈ ¹² 31-32 14 ¹⁰ 14 ⁴⁵ , (CI) ¹³ ₂₈ ¹⁶ 16 ⁰⁷ , Δ ⁰ ₁₆ ²⁰ 19 ³⁰
9	0	3	1	1.3	.	Os	Os	.	.	(CI) ⁰² ₂₈ ¹⁶ 30-31 17 ²² , Δ ⁰ ₁₇ ¹⁷ 17 ⁴³ , Δ ⁰ ₁₈ ¹⁶ 19 ¹⁵
10	0	3	0	1.0	.	Os, CI, Os	.	.	.	Δ ⁰ ₁₃ ⁴⁵ 50
11	2	9	7	6.0	CI, Os, As	As, Os	As, CI	.	.	Δ ⁰ ₈ ⁴⁰ , Δ ⁰ ₉ ²⁰ 10 ⁵⁵
12	1	1	1	1.0	As	Os	As	3.4	.	Δ ⁰ ₈ ⁴⁰
13	10	9	10	3.7	Se	Se	Os	10.6	.	Δ ⁰ ₁₀ ⁰⁰ 10 ⁰⁰ , Δ ⁰ ₁₀ ⁰⁰ 13 ⁴³ , Δ ⁰ ₁₂ ⁰⁴ 16 ³⁸ , Δ ⁰ ₁₁ ³⁴ 11 ⁴⁴ , Δ ⁰ ₁₄ ³² 14 ⁵⁶ , Δ ⁰ ₁₅ ⁰⁶ 16 ³² , Δ ⁰ ₁₇ ⁴³ 18 ¹⁸ , Δ ⁰ ₁₈ ³⁰ 18 ³⁰
14	8	9	1	6.0	As	As, Os	As	.	.	Δ ⁰ ₁₀ ⁰¹ 10 ⁰⁶ , Δ ⁰ ₁₄ ⁴⁵ 20 ⁰⁰ , Δ ⁰ ₂₃ ²³ 24 ³⁴ , Δ ⁰ ₁₇ ³⁵ 29
15	0	1	3	1.3	.	Os	CI	.	.	Δ ⁰ ₁₃ ⁴⁵ 30
16	1	0	1	0.7	CI	.	CI	.	.	Δ ⁰ ₈ ⁴⁵
17	6	10	10	8.7	CI	Os	Os, As, Os	0.7	.	Δ ⁰ ₉ ¹⁷ 14 ¹⁴ , (CI) ⁰² ₂₈ ¹⁵ 31-32 17 ⁰⁵ , Δ ⁰ ₁₆ ⁰⁷ 16 ³⁸ , Δ ⁰ ₁₇ ⁴⁰ 20 ⁰⁰ , Δ ⁰ ₁₈ ²⁰ 20 ⁰⁰
18	0	4	0	1.3	.	Os, CI	.	.	.	Δ ⁰ ₈ ⁴⁰
19	0	1	1	0.7	.	Os	CI	.	.	Δ ⁰ ₈ ⁴⁰
20	1	4	2	2.3	CI	Os, CI	CI	.	.	Δ ⁰ ₁₀ ⁰⁰ 35, Δ ⁰ ₁₈ ⁴⁰ 29
21	0	2	3	1.7	.	As, Os	Os, As	.	.	Δ ⁰ ₈ ⁴⁰
22	2	2	1	1.7	As	Os, As	Os	.	.	Δ ⁰ ₈ ⁴⁰
23	0	3	1	1.3	.	Os	Os	.	.	Δ ⁰ ₈ ⁴⁰
24	1	5	7	4.3	As	Os, CI	CI	.	.	Δ ⁰ ₈ ⁴⁰ 35
25	7	1	4	4.0	Os, As	As	CI	.	.	Δ ⁰ ₈ ⁴⁰
26	1	1	0	0.7	CI	As	.	.	.	Δ ⁰ ₈ ⁴⁰
27	8	1	1	3.3	CI	CI, Os	CI	.	.	Δ ⁰ ₈ ⁴⁰ 15
28	0	1	1	0.7	.	Os	CI	.	.	Δ ⁰ ₈ ⁴⁰ 10
29	7	4	0	3.7	CI, Os	CI	.	.	.	Δ ⁰ ₈ ⁴⁰ 20, Δ ⁰ ₅ ⁴⁵ 7 ⁵⁵
30	0	4	2	2.0	.	CI	CI	.	.	Δ ⁰ ₈ ⁴⁰ 10
31	8	2	0	3.3	CI	CI	.	.	.	Δ ⁰ ₈ ⁴⁰ 50
N	3.4	4.5	3.7	3.9				33.6 ⁹⁶		⁹⁶ Le total mens. Monthly mean.

Septembre - September

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1989
1989 - 1989

Date	Pression barométrique Atmospheric pressure 900 + ... [hPa]				Température de l'air Air temperature [°C]								+ 5 cm	Tension de la vapeur Vapour pressure [hPa]				Humidité relative Relative humidity [%]					Vent-direction et vitesse Wind velocity and direction [m/s]						
	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.		6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N				
1	106.1	106.5	105.2	106.6	8.9	14.8	25.4	21.3	18.6	25.9	7.6	22.3	4.4	12.1	14.3	17.6	14.7	95	72	55	69	68	G	0	S	2	SEV	1	1.0
2	105.9	104.7	103.4	104.7	13.6	16.4	30.0	21.6	20.4	30.0	11.1	18.9	7.4	14.8	13.4	16.1	14.8	91	79	32	63	66	NEE	1	SEV	2	0	0	1.0
3	105.3	101.3	99.9	101.2	15.3	16.6	26.6	19.4	19.5	27.6	14.0	13.6	9.4	12.6	14.2	15.7	14.2	80	67	41	70	64	S	2	SV	2	S	1	1.7
4	101.8	103.5	105.7	105.7	17.0	14.0	20.6	13.9	16.4	21.0	13.9	7.1	10.1	15.4	13.9	13.4	14.2	91	97	57	84	82	V	1	V	3	G	0	1.3
5	107.9	104.9	103.6	105.5	9.2	11.4	23.3	18.2	15.5	23.5	7.3	16.2	3.9	12.5	10.8	14.5	12.6	93	93	58	69	73	S	1	SEV	4	S	1	2.0
6	105.5	104.6	101.9	104.0	16.0	15.1	19.6	12.8	15.9	20.2	12.8	7.4	7.4	11.0	9.2	9.7	10.0	77	64	40	66	62	V	3	V	3	G	0	2.0
7	96.3	99.1	98.2	98.9	7.9	9.0	14.7	10.2	10.4	15.6	7.7	7.9	3.9	10.5	7.9	11.2	9.9	94	92	47	90	81	V	1	WV	3	NEE	3	2.3
8	97.7	100.4	101.6	99.9	11.2	11.4	14.5	12.6	12.4	15.9	9.7	6.2	8.3	10.0	9.7	10.2	10.0	75	75	59	70	70	V	4	V	4	V	3	3.7
9	99.5	96.3	93.9	96.6	11.9	8.5	19.4	16.4	14.0	19.8	6.2	13.6	2.4	8.7	9.2	12.6	10.2	68	78	41	68	64	S	1	S	3	S	2	2.0
10	95.1	96.0	95.5	95.5	15.6	16.4	26.0	18.4	19.1	26.9	14.5	12.6	10.4	13.8	14.9	17.3	16.0	-	84	64	82	(70)	SEV	2	V	2	G	0	1.3
11	92.5	93.8	95.8	94.0	16.9	18.0	24.6	16.0	18.9	26.6	16.0	10.6	12.9	16.8	18.4	17.2	17.5	-	81	99	95	(78)	S	3	V	3	V	1	2.3
12	96.2	96.2	98.3	96.9	14.0	14.6	20.8	13.5	15.7	20.8	13.6	7.2	11.4	16.2	13.9	14.8	17.0	97	98	81	95	93	G	0	V	2	WV	1	1.0
13	101.9	103.9	105.8	105.9	12.2	11.3	18.5	12.6	13.6	19.0	10.5	8.5	8.4	13.0	11.0	11.9	12.0	97	98	51	81	82	V	1	V	2	V	1	1.3
14	108.5	107.2	106.1	107.3	8.1	11.0	18.1	14.7	13.0	19.6	8.0	11.6	4.9	12.1	9.0	11.7	10.9	95	92	43	70	75	SV	1	SV	1	SEV	1	1.0
15	102.4	100.6	98.3	100.4	13.7	13.2	20.9	15.8	15.9	21.8	12.7	9.1	10.1	13.1	15.3	15.8	14.7	74	86	62	88	78	SV	2	SEV	3	G	0	1.7
16	95.4	94.6	91.7	93.9	13.0	13.6	25.6	17.4	17.4	26.1	11.6	14.5	8.1	13.1	14.0	14.6	13.9	96	84	43	73	74	SE	2	NEE	3	SE	1	2.0
17	87.8	92.7	95.5	92.0	16.4	17.0	16.2	12.2	15.4	18.5	12.2	6.3	9.4	15.1	13.3	12.5	13.6	80	78	72	88	80	S	2	SEV	2	G	0	1.3
18	96.7	101.8	105.1	101.9	10.2	10.8	15.3	13.1	12.4	15.8	10.1	5.7	8.6	12.8	14.4	14.4	13.9	97	99	83	95	94	S	1	V	1	G	0	0.7
19	108.2	108.2	108.3	108.2	12.0	10.9	20.7	15.5	14.8	21.5	10.7	10.8	8.4	12.9	12.1	15.3	13.6	98	99	50	90	84	G	0	SE	1	NEE	1	0.7
20	108.5	107.6	109.1	108.4	11.2	10.4	19.9	15.0	14.1	20.2	10.3	9.9	7.7	12.6	17.3	16.1	15.3	97	100	74	94	91	SE	1	S	1	S	1	1.0
21	112.1	110.1	107.8	110.0	14.3	13.4	17.4	15.2	15.1	17.5	13.2	4.3	10.4	14.0	14.2	15.2	14.4	89	91	72	88	85	V	2	NEE	2	SE	1	1.7
22	100.7	98.9	105.4	101.7	12.3	13.2	22.9	13.8	15.6	23.0	11.8	11.2	9.2	14.5	13.7	13.9	13.4	95	95	49	75	78	S	2	SV	3	SV	4	3.0
23	112.7	112.8	114.6	113.4	10.6	9.6	16.3	11.4	12.0	16.7	8.6	8.1	6.5	10.1	9.2	9.7	9.7	79	84	50	72	71	V	3	V	4	V	2	3.0
24	116.3	113.1	106.4	111.9	5.5	6.6	18.1	11.7	10.5	19.0	3.6	15.4	-0.7	9.3	9.0	8.4	8.9	99	96	43	61	75	WV	1	WV	1	NEE	2	1.3
25	96.2	103.0	110.4	103.9	9.9	12.1	9.8	9.6	10.4	15.3	9.6	5.7	5.6	10.6	11.3	10.2	10.7	73	75	93	86	82	V	2	WV	5	SV	2	3.0
26	114.6	115.3	116.5	115.5	5.1	6.4	14.1	10.8	9.1	15.3	3.1	12.2	-0.3	9.0	9.7	8.8	9.2	93	94	60	68	79	V	1	V	2	V	2	1.7
27	115.1	112.7	109.2	112.3	10.4	11.2	19.0	13.6	13.6	20.1	10.4	9.7	7.9	10.7	12.6	12.2	11.8	77	80	57	79	73	SV	2	S	4	S	1	2.3
28	108.1	108.3	108.0	108.1	10.8	12.2	17.2	13.0	13.3	17.8	8.2	9.6	3.9	13.5	14.0	12.0	13.2	87	95	71	80	83	V	2	V	2	V	1	1.7
29	112.4	112.0	110.1	111.5	5.4	3.0	15.8	7.0	7.8	16.5	1.4	15.1	-2.1	7.3	6.7	8.0	7.3	93	96	37	80	76	G	0	V	2	S	1	1.0
30	105.2	104.3	106.9	105.5	6.0	7.8	10.5	6.4	7.7	10.7	5.4	5.3	1.9	8.2	8.1	9.2	8.5	85	78	64	95	80	SE	2	NEE	2	SEV	1	1.7
N	103.9	103.8	104.0	103.9	11.5	12.0	19.5	14.1	14.3	20.4	9.9	10.5	6.7	12.3	12.4	13.0	12.6	(88)	87	55	79	(77)		1.5	2.5		1.2	1.7	

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation [mm]	Couche de neige Snow cover [cm]	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	0	1	0	0.3	.	Ca	.	.	.	0-550
2	0	0	0	0.0	.	.	.	.	.	0-12-54, 0-13-1950, 0-20-12...2102, 0-21-16...2124, 0-22-36...2212
3	1	10	8	6.3	As	Se, As, As	Se, As	3.5	.	0-1-06-24
4	10	6	5	7.0	Ne	Cl, Ca, Ca	Ca, Cl, Ca	1.8	.	1-7-10; 0-21-24-2133
5	0	2	10	4.0	.	Cl, Ca	Se	0.0	.	0-5-05-15, 0-1-51-57, 0-12-47-1255, 0-13-16-1320, 0-17-30-1836, 0-18-48-2051, 0-21-48-2177
6	9	4	3	5.3	As	Ca, Cl	Ca, Cl	0.5	.	0-10-13-1033, 0-11-34-1135
7	3	9	10	7.3	Cl, As	Se	Ne	1.5	.	0-2-40; 0-11-53...1201, 0-12-16-1357, 0-14-05...1408, 0-15-07...1553, 0-20-32-2035, 0-22-45-2249
8	10	10	10	10.0	Se	Se	Se	0.0	.	0-31...20
9	10	10	10	10.0	As	As	As, As	0.0	.	0-15-33-1540, 0-16-13-1627, 0-17-15-1730, 0-17-36-1805, 0-19-05-1924, 0-22-55-2400; (Cl) 0-17-23-2422 1940, (Cl) 0-23-05-2422 2156
10	7	3	2	4.0	As, Ca, Cl	Ca, Cl, Ca	Cl	.	.	0-3-7; 0-7-45, 0-16-49; 0-10-00-022, 0-05-56...102, 0-13-23...1377, 0-14-44...1401, 0-14-09-1438, 0-15-12-1536, 0-15-44-1556, 0-15-53-1577, 0-20-51-2113
11	4	9	10	7.7	Cl, Ca	Se, Ca	Ca	6.0	.	0-2-720
12	10	10	10	10.0	Ne	Se, Ca, As	Se	0.7	.	0-0-71...509, 0-5-51-559, 0-8-09-822, 0-9-09-811
13	2	9	9	6.7	Cl	Se, Ca, Cl	Se, As	.	.	0-1-720
14	1	4	10	5.0	As	Ca	Se	0.0	.	0-1-720
15	10	2	0	4.0	Se	Ca	.	0.0	.	0-1-720
16	1	9	7	5.7	As	Cl	Cl	0.0	.	0-1-720
17	10	9	10	9.7	As, As	Se	As	1.6	.	0-1-720
18	10	9	10	9.7	As	Ca, As, As	Se	3.6	.	0-1-720
19	6	0	0	2.0	As	.	.	.	.	0-1-720
20	10	5	4	6.3	1	Cl, Ca, As	As	.	.	0-1-720
21	10	9	10	9.7	Se	Se, Ca	As	0.0	.	0-18-42-1906
22	10	10	9	9.7	As	Ca, Ca	As	0.5	.	0-5-51-559, 0-13-50-1408
23	3	3	2	2.7	Ca	Ca	Ca	.	.	0-1-720
24	2	1	0	1.0	Cl	Cl	.	0.1	.	0-1-720
25	10	10	10	10.0	Se	Ne	Ne	5.3	.	0-1-720
26	9	1	7	5.7	Ca, As	Ca	Ca	.	.	0-1-720
27	9	1	0	3.3	As	Cl, Ca	.	.	.	0-1-720
28	10	10	0	6.7	St	Se	.	0.0	.	0-1-720
29	0	0	7	2.3	.	.	As	.	.	0-1-720
30	7	10	7	8.0	As, Se, Cl, Ca	Se	As	0.6	.	0-1-720
M	6.1	5.9	6.0	6.0				25.7		10 total mean. Monthly mean.

October - Octobre

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1995
1995 - 95

Date	Pression barométrique Atmospheric pressure 900 + ... [hPa]				Température de l'air Air temperature [°C]								+ 5 cm	Tension de la vapeur Vapour pressure [hPa]				Humidité relative Relative humidity [%]					Vents-direction et vitesse Wind velocity and direction [m/s]						
	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.		6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N				
1	114.2	115.6	117.4	115.7	1.2	-0.3	9.4	5.3	5.9	12.0	-1.8	13.8	-4.0	5.8	7.2	6.8	6.6	97	98	61	77	85	V	1	WV	2	WV	1	1.3
2	114.2	114.7	109.8	114.2	-1.8	-1.3	12.7	5.6	5.8	13.1	-3.3	16.4	-5.1	5.4	5.6	6.6	5.9	100	98	58	72	77	O	0	SW	2	S	1	1.0
3	105.1	106.2	107.1	106.1	8.0	10.3	12.9	10.7	10.5	15.0	3.6	9.4	0.9	12.4	14.5	12.2	13.0	89	99	98	95	95	WV	1	WV	1	V	1	1.0
4	104.9	106.1	108.0	106.3	7.0	11.8	18.0	12.4	12.3	18.5	6.7	11.8	2.9	13.8	14.5	13.4	13.9	98	100	70	93	90	WV	2	V	2	O	0	1.3
5	105.6	102.9	103.6	104.0	10.6	12.3	16.6	16.2	15.9	23.1	9.5	15.6	5.9	14.0	13.2	14.7	15.3	98	98	49	90	84	WV	2	WV	3	V	2	2.3
6	100.8	98.1	98.2	99.0	12.6	10.4	14.9	12.8	13.2	18.5	9.8	8.7	5.3	12.4	11.3	11.4	11.7	94	99	99	77	82	S	1	WV	2	V	3	2.0
7	104.7	104.4	102.6	103.9	8.2	7.2	13.2	11.6	10.0	13.5	6.6	6.9	4.4	8.8	8.1	12.8	9.9	79	87	94	94	78	V	3	V	4	V	3	3.3
8	99.7	99.0	95.9	98.2	11.6	11.9	13.2	11.4	12.0	14.3	10.7	5.6	7.9	10.8	11.7	12.1	11.5	88	77	77	90	83	V	2	V	3	V	3	2.7
9	90.0	85.3	91.6	89.0	9.1	7.2	9.6	8.1	8.5	11.4	6.6	4.8	3.4	9.9	11.6	10.3	10.6	93	97	97	96	96	WV	2	S	2	V	2	2.0
10	100.5	102.9	102.4	101.9	5.2	5.8	11.4	6.8	7.3	11.8	5.2	6.6	2.4	8.6	7.1	9.0	8.2	95	94	93	91	85	V	2	V	2	V	1	1.7
11	100.1	99.9	98.6	99.5	10.8	13.0	14.5	12.8	13.3	17.0	6.8	10.2	5.4	11.9	10.8	11.5	11.4	91	79	97	78	76	V	2	V	2	V	2	2.0
12	101.2	101.7	103.2	102.0	9.2	7.8	9.6	5.0	7.9	13.8	4.9	8.9	0.5	8.9	8.8	8.2	8.6	85	84	74	94	84	V	3	V	3	V	1	2.3
13	107.3	107.9	108.1	107.8	6.6	6.6	12.8	7.8	8.4	14.2	5.1	9.1	0.8	9.0	10.3	10.1	9.9	90	93	71	96	88	WV	2	WV	2	S	1	1.7
14	107.4	106.1	107.7	107.1	5.7	5.0	18.2	9.8	9.7	18.5	4.7	13.8	0.7	8.3	8.8	9.9	9.0	98	95	42	82	79	S	2	WV	3	WV	2	2.3
15	108.5	103.3	101.6	104.3	6.7	6.8	17.0	10.1	10.2	17.0	6.2	10.8	2.5	9.0	9.0	9.8	9.3	97	91	47	79	78	S	1	S	3	S	1	1.7
16	101.2	97.0	95.9	98.0	10.0	7.2	19.6	13.0	12.4	19.6	6.7	12.9	2.8	10.0	12.3	12.2	11.5	98	99	94	81	83	S	1	S	2	S	1	1.3
17	97.2	99.0	101.9	99.4	12.1	18.9	10.1	8.4	10.4	13.9	8.4	5.3	7.4	10.1	11.2	10.9	10.7	87	78	91	99	89	WV	1	S	1	WV	1	1.0
18	106.9	108.6	110.0	108.5	7.1	6.8	10.9	5.4	7.6	12.1	5.4	6.7	0.9	9.9	10.0	8.7	9.5	100	100	77	97	94	S	1	V	2	V	2	1.7
19	107.3	104.7	103.3	105.2	3.7	7.7	14.0	14.0	9.8	14.7	3.7	11.0	-1.0	8.9	10.9	11.6	10.5	100	84	68	72	81	WV	3	WV	2	WV	3	2.7
20	107.9	107.3	108.0	107.7	8.4	8.0	11.3	5.8	8.4	14.0	5.8	8.2	1.4	9.2	8.7	8.1	8.7	95	85	65	88	83	WV	4	WV	4	V	1	3.0
21	108.3	110.7	113.4	110.8	4.3	4.1	8.2	6.0	5.6	9.1	2.7	6.4	-2.1	7.8	7.9	8.3	8.0	96	95	73	89	88	V	1	WV	4	WV	2	2.3
22	120.2	121.2	121.3	121.0	3.3	3.7	9.9	6.3	5.8	10.1	2.1	8.0	-1.6	7.8	8.0	8.0	7.9	98	98	66	84	86	V	1	WV	1	V	2	1.3
23	120.7	120.2	118.2	119.7	6.0	6.1	8.0	7.2	6.8	8.4	5.8	2.6	4.1	8.1	8.2	7.5	7.9	84	86	76	74	80	V	2	V	2	WV	1	1.7
24	114.4	112.4	111.7	112.8	1.4	-1.4	10.2	1.2	2.8	10.6	-2.0	12.6	-4.4	5.3	7.2	6.2	6.2	96	96	98	92	86	WV	1	V	2	V	1	1.3
25	118.8	117.4	116.0	117.4	0.8	-1.4	8.8	-0.9	1.8	9.1	-1.4	10.5	-5.7	5.3	5.2	5.1	5.3	100	100	45	89	84	O	0	V	1	O	0	0.3
26	108.1	104.2	104.1	105.3	1.3	4.1	3.7	8.6	4.9	8.6	-0.9	9.5	-3.6	5.9	9.0	11.0	8.6	90	72	98	99	90	WV	3	WV	2	V	2	2.3
27	107.4	107.2	105.9	106.8	10.5	9.8	13.8	8.0	10.5	14.5	8.0	6.5	2.1	10.8	11.2	10.4	10.8	98	90	71	97	89	V	3	WV	2	WV	2	2.3
28	101.7	101.2	103.6	101.2	6.5	6.5	14.7	5.8	8.4	14.8	6.5	9.2	0.1	9.7	8.9	8.1	8.9	100	100	53	88	85	WV	2	V	2	V	1	1.7
29	110.6	112.8	115.8	113.1	6.5	2.1	4.3	3.3	4.2	7.1	1.7	5.4	-2.7	7.0	8.2	7.6	7.6	93	98	95	98	96	O	0	WV	1	WV	1	0.7
30	116.4	114.6	111.6	114.2	1.5	1.5	5.8	2.8	2.9	6.1	0.2	5.9	-2.1	6.7	7.3	6.4	6.9	98	98	82	86	91	O	0	WV	1	WV	1	0.7
31	105.3	99.7	101.9	101.6	1.5	0.9	9.8	4.9	4.3	10.0	-0.3	10.3	-4.4	6.4	7.2	7.7	7.1	100	98	99	89	86	S	1	WV	2	WV	1	1.3
N	107.1	104.2	104.4	106.6	6.3	6.2	12.3	7.9	8.2	13.4	4.3	9.1	0.7	9.0	9.6	9.6	9.4	94	92	67	88	85		1.6	2.2	1.3	1.8		

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation	Craque de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h			
1	0	10	0	3.3	.	Sc, Cb	.	0.0	.	0 ⁰ -10 ⁰ , 0 ¹⁰ -10 ²⁰ , 0 ¹¹ -12 ¹⁵ , = 71-24.
2	7	4	2	4.3	01, 0c	01	As	2.8	.	0 ¹ -6 ²⁵ , = 24; 0 ²² -22 ⁴⁹ , 0 ²³ -26 ³⁰
3	10	10	4	8.0	Sc	St	As	2.4	.	0 ⁰ -10 ³⁰ , 0 ¹⁶ -09; = 0 ³⁰ -16; 0 ⁰ -10 ³⁰ -15, 0 ¹⁶ -05, 0 ¹⁶ -00, 0 ¹³ -11 ⁴⁰ , 0 ¹¹ -12 ⁰⁰ , 0 ¹² -12 ³³
4	10	9	1	6.7	St	Sc	As	0.0	.	0 ¹ -12 ²⁵ , 0 ¹⁵ -10 ³⁰ , 0 ¹⁵ -17 ⁴⁵
5	1	0	10	3.7	As	.	Cb	5.8	.	0 ⁰ -15; = 0 ¹ -10; 0 ¹ -17 ³⁴ -18 ³² , 0 ²¹ -22 ⁰⁶ ; (1) 0 ¹⁶ -17 ⁴⁶ -18 ³³
6	5	9	10	8.0	01, 0c	01, 0c, 0c, 0c, As	Sc	5.9	.	= 0 ¹ -10; 0 ¹¹ -05-11 ³⁰ , 0 ¹⁶ -06-16 ²² , 0 ¹⁷ -17 ²⁵ , 0 ¹⁷ -17 ³³
7	0	6	10	5.3	.	As, 0c	Sc	1.3	.	0 ¹² -15 ¹⁵
8	9	10	10	9.7	As	Sc	Sc	1.7	.	0 ¹³ -0 ²⁴ , 0 ¹⁰ -10 ⁵⁷ , 0 ¹² -10 ⁴⁰ , 0 ¹³ -13 ²² , 0 ¹³ -13 ³³ , 0 ¹⁴ -14 ³⁷ , 0 ¹⁷ -17 ²⁹ , 0 ¹⁸ -18 ³⁹ , 0 ²² -22 ⁰⁰
9	9	10	9	9.3	0c, 01	Sc	Sc	5.7	.	0 ⁰ -0 ¹⁵ , 0 ⁰ -17 ¹³ -17 ³⁹ , 0 ¹⁵ -15 ³⁶ -17 ³⁸ , 0 ¹⁸ -18 ²⁰
10	9	3	8	6.7	Sc	0c	As	0.0	.	0 ¹⁶ -09; 0 ²¹ -22 ³⁵ , 0 ²³ -23 ⁰⁰
11	8	8	9	8.3	As, 0c	Sc, 0c, 01	Sc	0.5	.	0 ⁰ -00 ⁰⁴ , 0 ² -11 ³⁷ , 0 ¹⁷ -17 ¹⁵ , 0 ⁰ -12 ⁴⁴ -19 ⁴⁵
12	10	10	2	7.3	Sc	Sc	0c	0.6	.	0 ¹¹ -11 ²¹ , 0 ¹¹ -16 ¹¹ , 0 ¹³ -14 ³⁷ , 0 ¹⁵ -05 ⁰⁰ ...15 ³⁸ , 0 ¹⁸ -11 ¹³ , 0 ¹⁸ -20 ¹⁴ , 0 ¹⁸ -17 ³⁸ , 0 ¹⁹ -19 ³⁰ , 0 ²⁰ -20 ⁰⁰
13	9	10	1	6.7	As	Sc, As	01	0.0	.	0 ¹⁵ -15 ⁵⁶ , 0 ¹⁸ -18 ⁴⁸ , 0 ¹ -24
14	7	4	1	4.0	01	01, 0c, 0c	01	.	.	0 ¹ -0 ²⁷ ; 0 ¹¹ -12 ²⁰
15	6	1	2	3.0	01	01	01	0.4	.	0 ¹ -0 ³⁰ , 0 ¹⁷ -20 ⁴⁵ ; 0 ²⁰ -21 ³⁸
16	0	9	6	5.0	.	01	01, 0c	.	.	= 0 ⁰ -10; = 7 ¹⁰ -8
17	9	10	10	9.7	Sc, As, As	As, As	Sc	3.3	.	0 ¹⁵ -11 ²⁶ , 0 ¹¹ -16 ²⁰ -15, 0 ²⁰ -20 ⁴⁵ ; 0 ²⁷ -21 ³⁰
18	10	7	2	6.3	As, As	As, 0c	0c	.	.	= 0 ⁰ -15; = 17 ²⁰ -09
19	10	10	10	10.0	Sc	Sc	Sc	0.8	.	0 ¹ -14 ¹⁹ , 0 ¹ -15 ⁵⁴ -21 ⁰⁸
20	9	10	0	6.3	Sc	Sc	.	0.2	.	0 ¹⁵ -13 ²⁷ , 0 ¹⁵ -14 ²⁰ , 0 ²³ -23 ³⁸
21	10	9	10	9.7	Sc	Sc	Sc	0.1	.	0 ⁰ -15 ⁰⁶ , 0 ¹ -15 ¹³ , 0 ¹ -16 ⁴¹ , 0 ¹ -06 ²⁴ , 0 ¹⁵ -16 ¹² , 0 ¹⁶ -16 ³⁶ , 0 ¹⁶ -16 ³⁵ , 0 ¹⁷ -17 ¹⁶
22	9	8	9	8.7	Sc	01, 0c	Sc	.	.	
23	10	10	10	10.0	Sc	Sc	Sc	.	.	
24	0	7	3	4.0	.	01	01	.	.	0 ¹ -17 ³⁰ ; = 0 ⁰ -17 ⁰⁹
25	8	1	0	3.0	0c, As	0c	.	.	.	0 ¹ -17 ²⁰ , 0 ¹ -18 ²³ ; = 0 ⁰ -4 ¹⁰ , 0 ¹ -17 ⁰⁹ ; = 4 ¹⁰ -4 ¹⁰ , = 16 ³⁰ -17 ³⁰
26	10	10	10	10.0	As, As	Sc	St	3.8	.	0 ⁰ -18 ⁰⁹ -19 ³⁰ ; 0 ⁰ -15 ³⁰ -09; = 10-09
27	9	1	0	3.3	Sc	As	.	.	.	
28	8	0	0	2.7	Sc, As	.	.	.	.	= 0 ⁰ -10; 0 ¹ -10 ¹⁰
29	10	10	7	9.0	0c	St	0c	0.0	.	= 0 ⁰ -05; = 10 ⁰⁴ , = 17 ¹² -09; 0 ⁰ -2 ⁰⁵ -02 ²⁵ , 0 ¹ -0 ²⁵ -10 ¹⁰ , 0 ¹ -11 ³⁹ , 0 ¹ -11 ²¹
30	10	9	0	6.3	0c	Sc	.	.	.	= 1 ⁰ -12 ²⁰ , 0 ¹ -0 ²⁰ -00 ⁰⁰ , 0 ¹ -17 ³⁰ -09
31	9	9	0	6.0	As	Sc, As	.	0.0	.	= 0 ⁰ -16 ³⁰ ; = 6 ³⁰ -0 ⁴⁰ ; 0 ¹³ -12 ⁰⁰ , 0 ¹⁵ -12 ⁰⁶ , 0 ¹⁵ -10 ⁰⁰ ...22 ¹⁴ , 0 ²³ -24 ⁰⁰
N	7.5	7.2	5.1	6.6				35.5 ^H		^H Le total mm. Monthly mm.

Novembre - November

1963

1963
2007 - 007

Date	Pression barométrique Atmospheric pressure 900 + ... (hPa)				Température de l'air Air temperature (°C)							Tension de la vapeur Vapour pressure (hPa)				Humidité relative Relative humidity (%)					Vent-direction et vitesse Wind velocity and direction (m/s)								
												+ 5 cm																	
	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N			
1	107.8	111.4	112.0	110.4	7.3	7.6	9.0	7.9	8.0	9.3	4.8	4.5	1.6	9.2	8.4	7.3	8.3	83	89	73	68	78	V	4	V	2	V	2	2.7
2	111.0	113.1	117.2	113.8	7.6	8.0	11.7	7.2	8.6	12.2	7.2	5.0	1.5	9.4	10.9	9.4	4.9	70	87	80	93	82	SV	3	V	4	V	1	2.7
3	121.5	120.9	117.3	113.9	0.6	-1.5	10.0	5.0	3.5	10.2	-1.6	11.8	-4.0	5.1	8.4	7.2	7.0	97	98	68	83	86	E	1	SE	2	SE	2	1.7
4	109.1	106.3	105.4	106.9	3.8	2.9	12.5	5.6	6.2	12.6	2.8	9.8	0.4	6.9	9.3	8.8	8.3	83	91	64	97	84	SE	1	SV	2	SV	1	1.3
5	106.9	106.8	108.0	107.2	4.5	6.2	10.1	3.6	6.1	10.9	3.6	7.3	-1.3	9.0	9.7	7.5	8.7	93	95	78	95	90	O	0	S	1	S	1	0.7
6	110.7	111.2	112.6	111.5	4.1	2.3	11.2	7.8	6.4	11.7	2.2	9.5	-2.1	7.2	11.3	10.4	9.6	98	100	85	99	96	SE	1	O	0	O	0	0.3
7	116.4	117.2	117.0	116.9	6.3	5.2	7.4	7.2	6.5	8.5	5.2	3.3	1.8	8.8	10.3	10.2	9.8	99	100	100	100	100	SE	1	SV	1	O	0	0.7
8	116.6	116.4	115.8	116.3	6.2	3.9	5.4	4.6	5.0	7.2	3.9	3.3	2.7	8.1	9.0	8.5	8.5	99	100	100	100	100	SE	2	SE	2	SE	2	2.0
9	114.2	113.3	113.2	113.6	3.2	2.7	9.4	2.9	4.3	10.0	1.7	8.3	-1.5	6.9	9.9	7.5	8.1	100	100	84	100	96	SE	2	S	1	O	0	1.0
10	111.8	109.8	106.9	109.5	0.5	3.9	6.7	5.6	4.2	6.8	0.2	6.6	-2.6	7.9	9.7	9.1	8.9	99	98	99	100	99	V	1	V	1	V	1	1.0
11	108.5	106.1	110.2	106.3	5.3	5.2	4.1	0.5	3.8	5.6	0.5	5.1	-3.9	8.6	4.9	4.0	5.8	99	97	59	63	80	E	3	E	3	E	4	3.3
12	113.6	112.4	110.8	112.3	-1.6	-2.7	1.4	-1.9	-1.2	1.6	-2.7	4.3	-5.5	4.2	4.2	5.2	4.5	83	84	62	98	82	SV	2	SV	2	SV	1	1.7
13	115.0	115.2	115.0	115.1	-5.0	-8.3	-2.3	-5.8	-5.4	-1.7	-8.3	6.6	-15.4	2.9	3.8	3.5	3.4	94	89	74	89	86	SV	1	SV	2	V	1	1.3
14	115.0	114.2	111.7	113.6	-6.9	-2.9	-0.3	-2.9	-3.2	-0.1	-8.4	8.3	-15.4	4.9	5.4	4.5	4.9	98	99	90	91	94	V	1	V	2	SV	2	1.7
15	99.4	94.6	90.8	94.9	-3.2	-3.7	-1.3	-2.5	-2.7	-1.2	-3.9	2.7	-8.0	3.5	3.1	4.5	3.7	77	76	56	89	74	SV	3	SV	3	S	2	2.7
16	88.5	89.0	91.3	89.6	-1.5	0.7	2.3	0.9	0.4	1.5	-2.3	3.8	-4.1	6.3	6.3	6.4	6.3	98	98	94	98	97	V	2	V	2	V	1	1.7
17	97.7	100.2	103.3	100.4	-0.7	-3.5	1.7	0.5	-0.5	1.8	-3.5	5.3	-8.0	4.5	5.1	5.8	5.1	92	95	74	92	88	V	1	V	3	V	2	2.0
18	107.2	106.5	105.6	106.4	-1.7	-1.5	1.9	-1.8	-0.8	2.2	-2.8	5.0	-8.7	5.1	4.8	4.4	4.8	94	93	69	82	84	V	1	SV	2	SV	2	1.7
19	108.2	109.4	108.8	108.8	-0.7	-0.3	0.9	1.0	0.2	1.0	-1.8	2.8	-3.2	5.7	6.1	5.7	5.8	88	96	94	87	91	V	2	SV	2	S	1	1.7
20	100.5	96.7	94.0	97.1	1.7	1.5	2.8	2.1	2.0	3.1	0.9	2.2	-1.3	5.3	5.4	5.2	5.3	90	78	72	73	78	S	2	SV	3	SV	3	2.7
21	91.6	89.6	90.0	90.4	0.3	1.1	3.1	0.3	1.2	3.1	0.0	3.1	-3.1	6.5	6.4	5.3	6.1	100	98	84	84	92	SV	2	SV	3	V	3	2.7
22	97.7	100.2	103.6	100.5	-2.0	-3.3	-0.3	-4.3	-2.5	0.3	-4.3	4.6	-13.0	4.5	4.8	3.1	4.1	97	95	80	70	86	V	2	V	2	V	1	1.7
23	97.6	102.3	110.1	102.0	-2.9	1.3	1.1	-2.1	-0.6	2.1	-5.9	8.0	-9.5	5.8	3.6	2.9	4.1	87	87	55	56	71	V	3	SV	4	V	2	3.7
24	116.8	117.3	116.9	117.0	-8.1	-10.8	0.7	-4.9	-5.8	0.9	-10.8	11.7	-20.8	2.5	4.0	3.8	3.4	88	94	62	89	83	SV	1	SE	2	S	1	1.3
25	110.5	106.2	103.2	106.6	-6.2	-6.5	1.5	0.9	-2.6	1.6	-6.8	8.4	-13.3	3.3	4.6	3.9	4.6	93	83	67	90	85	SE	2	S	3	S	3	2.7
26	93.4	85.7	82.7	87.3	1.5	1.9	6.2	7.0	4.2	7.0	0.9	6.1	-0.7	6.6	8.6	9.7	8.3	96	94	91	97	94	SV	1	SV	2	SV	2	1.7
27	79.6	72.8	70.3	74.2	8.9	8.0	4.9	6.4	7.0	9.5	4.9	4.6	2.9	10.6	8.2	8.7	9.2	99	99	95	91	96	SV	2	SV	3	S	2	2.3
28	67.8	69.2	73.2	70.7	5.9	6.6	6.9	6.3	6.5	8.0	5.7	2.3	3.2	9.0	9.8	9.5	9.4	93	93	99	99	96	SE	2	O	0	SV	2	1.3
29	87.6	92.0	95.4	91.7	4.3	-0.5	-1.6	-0.7	0.4	6.5	-1.6	8.1	-2.1	5.6	4.5	4.4	4.8	98	96	84	75	88	SV	2	V	2	V	2	2.0
30	95.1	98.9	106.3	100.1	-1.9	-3.5	-3.8	-3.5	-3.2	-0.7	-4.6	3.9	-7.5	4.2	4.0	3.7	4.0	83	90	87	78	84	SE	2	SE	3	N	2	2.3
N	105.6	105.5	104.0	105.7	1.0	0.6	4.1	1.8	1.9	5.0	-0.8	5.8	-4.8	6.3	6.8	6.4	6.5	92	93	79	88	88		1.8	2.1	1.6	1.8		

Date	Épaisseur Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	[mm]	[cm]	
1	9	10	10	9.7	Sc, As	Sc	Sc	0.0	.	0.00...40
2	10	10	0	6.7	St	Sc	.	0.0	.	0.20...50, 0.13...16, 0.27...32, 0.34...100; 0.00-0.00; 0.00-0.00
3	0	0	0	0.0	.	.	.	.	.	0.0-0.00; 0.00-0.00; 0.00-0.00
4	8	0	0	2.7	Cl	.	.	.	.	0.0-0.00; 0.00-0.00; 0.00-0.00
5	10	7	0	5.7	As	Cl	.	.	.	0.0-0.00; 0.00-0.00; 0.00-0.00
6	10	10	7	9.0	Sc 2	Sc 1	Sc 2	.	.	0.0-0.00; 0.00-0.00; 0.00-0.00
7	10	10	10	10.0	Sc 1	Sc 1	Sc 2	.	.	0.0-0.00; 0.00-0.00; 0.00-0.00
8	10	10	10	10.0	Sc 2	Sc 1	Sc 2	.	.	0.0-0.00; 0.00-0.00; 0.00-0.00
9	10	0	0	3.3	Sc 2	.	.	.	.	0.0-0.00; 0.00-0.00; 0.00-0.00
10	10	10	10	10.0	Sc 2	Sc 1	Sc 1	0.9	.	0.0-0.00; 0.00-0.00; 0.00-0.00
11	10	8	1	6.3	Sc	As, Sc	As	0.2	.	0.0-0.00; 0.00-0.00; 0.00-0.00
12	1	10	10	7.0	As	Sc	Sc	2.0	.	0.0-0.00; 0.00-0.00; 0.00-0.00
13	0	1	0	0.3	.	Sc	.	0.2	2	0.0-0.00; 0.00-0.00; 0.00-0.00
14	10	4	0	4.7	Sc	Sc	.	0.1	2	0.0-0.00; 0.00-0.00; 0.00-0.00
15	10	10	10	10.0	Sc	As	As	2.4	2	0.0-0.00; 0.00-0.00; 0.00-0.00
16	10	10	10	10.0	As	Sc	Sc	0.4	5	0.0-0.00; 0.00-0.00; 0.00-0.00
17	0	9	9	6.0	.	Sc, Sc	Sc	0.0	2	0.0-0.00; 0.00-0.00; 0.00-0.00
18	8	2	9	6.3	Sc	Sc	Sc, As	.	.	0.0-0.00; 0.00-0.00; 0.00-0.00
19	10	10	10	10.0	As	As	St	0.0	.	0.0-0.00; 0.00-0.00; 0.00-0.00
20	10	10	10	10.0	Sc	St	St	1.2	.	0.0-0.00; 0.00-0.00; 0.00-0.00
21	10	9	7	8.7	Sc	Sc	Sc	3.0	1	0.0-0.00; 0.00-0.00; 0.00-0.00
22	9	8	0	5.7	Cl, Sc	Sc, Sc, As	.	3.1	4	0.0-0.00; 0.00-0.00; 0.00-0.00
23	10	1	0	3.7	Sc	Sc	.	0.2	8	0.0-0.00; 0.00-0.00; 0.00-0.00
24	0	0	0	0.0	.	.	.	.	7	0.0-0.00; 0.00-0.00; 0.00-0.00
25	1	0	10	3.7	Cl	.	As	0.2	7	0.0-0.00; 0.00-0.00; 0.00-0.00
26	10	10	10	10.0	As	Sc	Sc	4.5	5	0.0-0.00; 0.00-0.00; 0.00-0.00
27	9	10	10	9.7	Sc, As	Sc	Sc	1.9	.	0.0-0.00; 0.00-0.00; 0.00-0.00
28	10	10	10	10.0	Sc	Sc	Sc	7.3	.	0.0-0.00; 0.00-0.00; 0.00-0.00
29	10	10	10	10.0	St	St	St	0.7	.	0.0-0.00; 0.00-0.00; 0.00-0.00
30	10	10	10	10.0	Sc	Sc	As	1.7	2	0.0-0.00; 0.00-0.00; 0.00-0.00
M	7.8	7.0	6.1	7.0				30.0	M	In total mean. Monthly mean.

Membre - Member

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1987
2007 - 002

Date	Pression barométrique Atmospheric pressure 900 + ... (hPa)				Température de l'air Air temperature [°C]										+ 5 m	Tension de la vapeur Vapour pressure [hPa]				Humidité relative Relative humidity [%]					Vent-direction et vitesse Wind velocity and direction [m/s]				
	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Min.	6 ^h		12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N		
1	118.6	120.0	127.2	120.6	-6.7	-7.5	-5.0	-9.7	-7.2	-3.1	-10.6	7.5	-16.9	2.6	3.3	2.8	2.9	79	76	70	94	82	NEV	1	SV	1	V	1	1.0
2	130.8	133.5	133.3	132.5	-7.5	-9.3	-6.5	-13.7	-9.2	-6.0	-13.7	7.7	-17.9	2.8	2.8	1.9	2.3	74	91	73	92	83	E	1	KE	1	KE	1	1.0
3	130.4	127.3	125.3	127.7	-15.4	-15.8	-7.5	-12.7	-12.8	-7.2	-17.2	10.0	-18.9	1.7	2.7	2.2	2.2	93	95	79	96	91	O	0	NEV	2	WV	1	1.0
4	120.9	118.9	117.7	119.2	-13.9	-12.0	-3.9	-3.1	-8.4	-3.1	-14.5	11.4	-18.8	1.9	3.0	3.6	2.8	91	85	66	74	79	O	0	NEV	2	S	1	1.0
5	113.6	110.5	108.9	111.0	-4.9	-4.5	4.1	-1.1	-1.6	4.6	-4.0	10.6	-12.4	4.0	3.1	3.1	4.7	87	91	83	91	83	S	2	NEV	2	NEV	2	2.0
6	106.3	103.1	102.6	104.0	-1.9	-3.0	1.7	0.9	-0.6	1.8	-2.9	4.7	-10.3	4.3	3.0	3.8	5.0	95	88	72	88	86	NEV	2	NEV	2	NEV	2	2.0
7	103.3	106.3	109.4	106.3	0.6	0.7	1.7	0.3	0.8	1.7	-0.3	1.4	-0.6	6.3	6.4	6.1	6.3	98	98	92	98	96	NEV	1	O	0	SV	1	0.7
8	114.3	114.5	112.3	113.7	-0.3	-1.0	0.2	-2.3	-0.8	0.9	-2.8	3.7	-10.5	3.6	3.7	3.0	3.4	98	98	92	98	96	E	1	V	1	SV	2	1.3
9	101.5	95.8	91.6	96.3	-3.9	-9.1	-1.6	-0.5	-2.8	-0.5	-5.3	4.8	-13.5	3.8	4.1	4.5	4.1	95	90	73	76	84	SV	2	S	3	S	4	3.0
10	87.5	85.4	82.6	85.2	-0.2	0.3	0.9	0.9	0.5	2.1	-0.8	2.9	-2.7	3.0	6.1	3.9	3.7	73	80	94	90	84	NEV	1	NEV	2	NEV	2	1.7
11	95.0	100.2	105.7	95.6	1.2	-2.8	-3.7	-8.7	-3.5	1.8	-8.8	10.6	-18.8	3.5	3.0	2.7	3.1	87	71	64	86	77	V	3	V	2	V	2	2.3
12	107.8	111.7	113.6	111.0	-9.0	-6.7	-5.7	-6.7	-7.0	-5.4	-9.4	4.0	-18.4	3.3	3.7	3.2	3.4	93	88	92	86	90	NEV	2	NEV	1	SV	1	1.3
13	117.6	118.7	117.5	117.9	-7.7	-11.5	-6.7	-8.1	-8.5	-6.4	-11.5	5.1	-16.4	2.2	2.8	2.4	2.3	93	86	73	72	82	NEV	1	S	1	S	1	1.0
14	119.2	119.0	118.7	119.0	-12.9	-14.1	-7.6	-8.5	-10.8	-7.2	-14.1	6.9	-20.4	1.8	2.6	2.9	2.4	87	87	76	89	85	S	1	S	1	S	1	1.0
15	117.4	117.2	117.1	117.2	-11.0	-13.6	-5.1	-7.8	-9.4	-4.2	-14.6	10.4	-21.4	2.0	2.8	2.4	2.4	90	92	68	70	80	NEV	2	S	2	NEV	1	1.7
16	113.0	110.8	109.0	109.6	-8.7	-9.3	-3.1	-3.7	-4.2	-8.9	-9.4	6.5	-17.1	2.2	2.5	2.3	2.3	74	73	51	49	62	E	2	E	4	E	4	3.3
17	100.8	95.1	98.3	95.4	-2.5	1.1	2.9	1.6	0.8	3.6	-4.1	7.7	-7.2	4.5	4.8	3.0	4.8	64	68	64	72	67	NEV	2	NEV	2	S	2	2.0
18	94.2	95.4	95.6	93.7	-0.8	0.3	3.2	0.9	0.9	3.6	-1.1	4.7	-5.3	3.5	6.0	6.1	3.9	76	88	78	94	84	NEV	3	S	2	S	1	2.0
19	88.6	88.5	88.9	88.7	2.9	3.4	3.9	3.1	4.3	6.3	1.1	3.2	-3.8	7.5	7.7	7.7	7.6	97	97	83	87	91	NEV	1	NEV	2	NE	2	1.7
20	91.5	94.2	93.3	93.0	5.7	3.4	3.8	3.1	3.5	6.4	3.1	1.3	0.9	7.6	8.6	8.4	8.2	80	84	94	95	88	S	1	S	1	S	1	1.0
21	94.2	94.0	94.4	94.2	4.2	3.3	3.1	2.0	3.6	5.9	1.4	4.5	-3.2	7.6	8.5	6.9	7.7	90	98	97	98	96	O	0	NE	1	NE	1	0.7
22	93.5	95.0	94.6	95.0	1.4	2.2	4.9	2.9	2.8	5.3	-0.3	5.6	-2.6	7.0	8.4	7.4	7.6	93	98	97	98	98	NE	2	S	1	NE	1	1.3
23	94.5	94.4	93.3	94.7	0.3	0.0	4.1	3.7	2.0	4.5	-0.7	5.2	-1.2	6.0	8.0	7.6	7.2	98	98	98	95	97	E	1	S	2	S	2	1.7
24	95.9	101.3	102.9	100.0	4.9	4.4	3.5	-2.1	2.7	5.4	-2.1	7.5	-5.6	8.1	3.0	4.9	6.0	91	97	63	93	86	NEV	2	V	3	S	1	2.0
25	92.9	95.1	95.1	94.4	0.2	7.2	9.0	8.0	6.1	5.3	-2.1	11.4	-5.7	10.2	11.2	10.6	10.7	100	100	97	99	99	NEV	2	V	2	S	1	1.7
26	93.6	94.0	94.7	94.1	7.5	6.3	6.4	2.7	3.7	8.0	2.7	5.3	-2.1	9.1	9.3	7.3	8.6	97	95	97	98	97	V	2	V	2	O	0	1.3
27	107.0	114.1	112.5	111.2	6.0	3.1	1.7	0.7	2.9	6.4	0.1	6.3	-2.6	6.4	4.9	3.4	3.6	98	84	70	85	84	V	4	V	3	V	2	3.0
28	100.0	101.3	104.2	101.8	2.5	8.0	10.2	10.1	7.7	10.4	0.7	9.9	-1.6	10.1	10.8	11.1	10.7	99	94	87	90	92	V	5	V	5	V	4	4.7
29	109.3	113.7	116.4	113.1	8.2	3.2	3.6	2.7	3.4	10.1	2.7	7.4	-1.1	6.6	6.7	6.8	6.7	89	75	74	91	82	V	4	NEV	4	V	1	3.0
30	110.4	102.1	95.9	102.8	2.4	1.5	6.3	3.2	4.8	3.9	0.6	9.3	-3.0	6.4	8.0	7.0	7.1	88	94	84	60	82	S	1	SV	3	V	3	2.3
31	100.1	101.2	100.4	100.6	3.5	2.7	4.3	3.8	3.6	3.2	2.3	6.9	-0.1	3.5	3.7	3.9	3.7	72	74	69	73	72	V	4	V	4	V	4	4.0
N	105.3	105.6	105.3	105.4	-1.8	-2.0	1.0	-0.9	-0.9	2.3	-4.4	6.7	-9.0	3.2	3.7	3.4	3.4	89	88	79	86	86							

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation	Craque de neige Snow cover	Remarques Remarks
	0 ^h	12 ^h	18 ^h	N	0 ^h	12 ^h	18 ^h			
1	10	3	7	6.7	Se	Ca	Se	.	6	
2	10	1	0	3.7	Se	As	.	.	3	
3	9	0	0	3.0	As	.	.	.	3	
4	3	1	9	4.3	Cl	Cl	As	.	3	
5	9	4	0	4.3	As	Cl	.	.	3	
6	1	10	10	7.0	As	As	St	1.3	3	
7	10	9	10	9.7	St	Se	Se	1.5	4	
8	10	10	10	10.0	Se	Se	Se	.	6	
9	8	10	10	9.3	Cl	As	As	2.4	5	
10	10	10	10	10.0	Se	Se	Se	1.7	7	
11	4	0	0	1.3	Ca, As	.	.	0.0	6	
12	10	10	10	10.0	Se	.	St	0.0	6	
13	0	10	4	4.7	.	As	Cl	.	6	
14	0	0	0	0.0	.	.	.	.	6	
15	0	0	0	0.0	.	.	.	.	6	
16	0	0	0	0.0	.	.	.	.	6	
17	10	2	0	4.0	Se	As	.	0.0	6	
18	10	10	9	9.7	Se	Se	Se	3.6	6	
19	10	9	10	9.7	Se	Cl, Ca	Se	.	5	
20	10	10	10	10.0	St	As, As	Se	0.9	.	
21	10	10	10	10.0	Se	Se	St ¹	.	.	
22	10	10	10	10.0	Se	Se	St ¹	0.3	.	
23	10	2	10	7.3	St ¹	As	Se	1.8	.	
24	10	3	2	5.0	Se	Ca	Ca	6.6	.	
25	10	10	10	10.0	Se	St	Se	4.7	.	
26	10	10	0	6.7	Se	Se	.	4.0	.	
27	10	4	8	7.3	Se	Ca	Ca	8.2	.	
28	10	10	10	10.0	Se	Se	Se	9.4	.	
29	4	4	6	4.7	Ca	Ca	Ca	0.0	.	
30	10	8	10	9.3	Se	As, As, Cl, Ca	Se	0.0	.	
31	8	9	9	8.7	Ca	Se	Se	3.1	.	
N	7.6	6.1	6.3	6.7				49.5 ^N		^N is total mm. Monthly mean.

TABLE DES MATIERES - CONTENTS

Avant-propos - Introduction	3
Champ électrique atmosphérique - Electric field strength	8
Conductibilité d'air - Air conductivity	20
Nombre de noyaux de condensation - Number of condensation nuclei	32
Les éléments météorologiques - Meteorological elements	38

Państwowe Wydawnictwo Naukowe
Oddział w Łodzi 1984

Wydanie I. Nakład 390+80 egz. Ark. wyd 11,25. Ark. druk. 4,00.
Papier offset. kl. IV. 71 g. 70×100. Oddano do reprodukcji w lipcu 1984 r.
Podpisano do druku w sierpniu 1984 r. Druk ukończono w sierpniu 1984 r.
Zam. 528/84. E-9. Cena zł 120,-

Zakład Graficzny Wydawnictw Naukowych
Łódź, ul. Żwirki 2

continued:

- 90 The KAPG symposium on atmospheric ozone, Belsk, July 8, 1974; PWN, Warszawa 1975.
- 91 Atmospheric ozone, optics of atmosphere, solar radiation, Belsk 1974; PWN, Warszawa 1975.
- 92 Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski Świder 1974; PWN, Warszawa 1976.
- D-1 (99) Papers on atmospherical electricity 1975; PWN, Warszawa 1976.
- D-2 (104) Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski Świder 1975; PWN, Warszawa 1976.
- D-3 (106) Atmospheric ozone, optics of atmosphere, solar radiation, Belsk 1975; PWN, Warszawa 1976.
- D-4 (109) Atmospheric ozone, optics of atmosphere, solar radiation, Belsk 1976; PWN, Warszawa 1977.
- D-5 (120) Atmospheric ozone, solar radiation and radiation balance, 1976; PWN, Warszawa – Łódź 1978.
- D-6 (121) Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski Świder 1976; PWN, Warszawa – Łódź 1978.
- D-7 (126) Atmospheric ozone, optics of atmosphere, solar radiation, Belsk 1977; PWN, Warszawa – Łódź 1978.
- D-8 (131) Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski Świder 1977; PWN, Warszawa – Łódź 1979.
- D-9 (132) Atmospheric ozone, optics of atmosphere, solar radiation, Belsk 1978; PWN, Warszawa – Łódź 1979.
- D-10(140) Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski Świder 1978; PWN, Warszawa – Łódź 1980.
- D-11(141) Atmospheric ozone, optics of atmosphere, solar radiation 1979; PWN, Warszawa – Łódź 1980.
- D-12(148) Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski Świder 1979; PWN, Warszawa – Łódź 1981.
- D-13(149) Atmospheric ozone, optics of atmosphere, solar radiation 1980; PWN, Warszawa – Łódź 1981.
- D-14(151) Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski Świder 1980; PWN, Warszawa – Łódź 1982.
- D-15(157) Atmospheric ozone, optics of atmosphere, solar radiation 1981; PWN, Warszawa – Łódź 1982.
- D-16(158) Électricité atmosphérique et météorologie Observatoire Géophysique et St. Kalinowski Świder 1981; PWN, Warszawa – Łódź 1982.
- D-17(168) Électricité atmosphérique et météorologie Observatoire Géophysique de S. Kalinowski Świder 1982; PWN, Warszawa – Łódź 1983.
- D-18(169) Atmospheric ozone 1982 and 1963 – 1981, solar radiation 1982; PWN, Warszawa – Łódź 1983.

PUBLICATIONS OF THE INSTITUTE OF GEOPHYSICS
POLISH ACADEMY OF SCIENCES

D. ATMOSPHERE PHYSICS

The following volumes, which have been published previously in years 1963 — 1983, have been devoted to the problems of atmosphere physics:

- 1 Cha-Pa observatory aerological data 12 August 1957 — 31 January 1959; PWN, Łódź 1963.
- 5 Ozon atmosferyczny i optyka atmosfery. Belsk 1963 rok; PWN, Łódź — Warszawa 1965.
- 7 Cha-Pa observatory atmospheric electricity and radioactivity data 1958 — 1959; PWN, Warszawa 1965.
- 10 Ozon atmosferyczny i optyka atmosfery, Belsk 1964; PWN, Łódź — Warszawa 1966.
- 11 Słomka J., Badania dopływu promieniowania słonecznego w zakresach widma ważnych dla procesów energetycznych i biologicznych; PWN, Łódź — Warszawa 1966.
- 13 Ozon atmosferyczny i optyka atmosfery, Belsk 1965; PWN, Łódź — Warszawa 1966.
- 19 Atmospheric ozone and optics of atmosphere, Belsk 1966; PWN, Warszawa 1967.
- 23 L'électricité atmosphérique et météorologie de l'Observatoire Géophysique de St. Kalinowski à Świder 1966; PWN, Warszawa 1968.
- 25 Atmospheric electricity; PWN, Warszawa 1968.
- 26 Atmospheric ozone, optics and aerosol of the atmosphere, Belsk 1967; PWN, Warszawa 1968.
- 28 Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1967; PWN, Warszawa 1969.
- 33 Atmospheric ozone and optics of atmosphere, Belsk 1968; PWN, Warszawa 1969.
- 38 Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1968; PWN, Warszawa 1970.
- 42 Atmospheric ozone and optics of atmosphere, Belsk 1969; PWN, Warszawa 1971.
- 44 Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1969; PWN, Warszawa 1971.
- 49 Atmospheric ozone and optics of atmosphere, Belsk 1970; PWN, Warszawa 1972.
- 53 Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1970; PWN, Warszawa 1972.
- 56 Atmospheric ozone, optics of atmosphere and solar radiation, Belsk 1971; PWN, Warszawa 1972.
- 63 Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1971; PWN, Warszawa 1973.
- 69 Atmospheric ozone, optics of atmosphere, solar radiation, Belsk 1972; PWN, Warszawa 1973.
- 75 Atmospheric ozone, optics of atmosphere, solar radiation, Belsk 1973; PWN, Warszawa 1974.
- 77 Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1972; PWN, Warszawa 1974.
- 80 Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1973; PWN, Warszawa 1974.
- 81 Michnowski S., Badania zmian pola elektrycznego po wyładowaniach atmosferycznych; PWN, Warszawa 1974.
- 89 The international comparison of ozone spectrophotometers, Belsk, 24 June — 6 July 1974; PWN, Warszawa 1975.

continued on back cover

ISBN 83-01-06163-4
ISSN 0138-0265