

POLISH ACADEMY OF SCIENCES
PUBLICATIONS
OF THE INSTITUTE OF GEOPHYSICS

D-12 (148)

ÉLECTRICITÉ ATMOSPHÉRIQUE ET MÉTÉOROLOGIE
OBSERVATOIRE GÉOPHYSIQUE
DE ST. KALINOWSKI À ŚWIDER

1979

PAŃSTWOWE WYDAWNICTWO NAUKOWE
WARSZAWA-ŁÓDŹ 1981

POLISH ACADEMY OF SCIENCES

PUBLICATIONS

OF THE INSTITUTE OF GEOPHYSICS

D-12 (148)

"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.

ÉLECTRICITÉ ATMOSPHERIQUE ET MÉTÉOROLOGIE
OBSERVATOIRE GÉOPHYSIQUE
DE ST. KALINOWSKI À ŚWIDER

1979

PAŃSTWOWE WYDAWNICTWO NAUKOWE
WARSZAWA-ŁÓDŹ 1981

Editorial Committee

Roman TRISSEYRE (Editor), Zdzisław MAŁKOWSKI (Deputy Editor),
Jan SŁOMKA, Jerzy JANKOWSKI, Maria WERNIK
(Managing Editor)

Editor of Series
Jan SŁOMKA

Editorial Address

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

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 1981

ISBN 83-01-02972-2

ISSN 0138-0265

Printed in Poland

Państwowe Wydawnictwo Naukowe
Oddział w Łodzi 1981

Wydanie I. Nakład 450 + 90 egz. Arkuszy wyd. 9,50. Ark. druk. 4,00.
Papier offsetowy kl. III. 70 g. 70 × 100. Oddano do składania w sierpniu 1980 r.
Podpisano do druku w czerwcu 1981 r. Druk ukończono w czerwcu 1981 r.
Zam. 494/80. Cena zł 30,–

Zakład Graficzny Wydawnictw Naukowych
Łódź, ul. Żwirki 2

ÉLECTRICITÉ ATMOSPHERIQUE ET MÉTÉOROLOGIE

OBSERVATOIRE GÉOPHYSIQUE DE ST. 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 1957–1978 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) 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.

En 1979, les mesures de l'électricité atmosphérique et des éléments météorologiques ont été réalisées par: S. Warzecha, W. Kozłowski, K. Kostrzewa, T. Czerniewska et D. Jasinkiewicz. 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 St. Kalinowski Geophysical Observatory of the Polish Academy of Sciences at Świder. Data for the years 1957-1978 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 and D-2 (104), D-6 (121), D-8 (131), D-10 (140), 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.

In 1979, the atmospheric electricity and meteorological observations, as well as the data treatment, were carried out by S. Warzecha, W. Kozłowski, K. Kostrzewa, T. Czerniewska and D. Jasiniewicz. 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.1.6.

Received: June 6, 1980

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]	Elévation 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
Pluviomètre - Rain-gauge		1.0
Sondé radioactive électr. vibratoire Radioactive collectors of the vibron electrometers		2.0, 2.6
Condensateur aspiratoire de la conducti- bilité Aspiration condenser of the conductivity set		1.0
Compteur Scholz - Scholz 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 - nuage des poussières - haze
hf - givre - hoar frost
wind - vent vitesse > 6 m/s - wind velocity > 6 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
V Gelée blanche - soft rime
~ Verglas - glazed frost
☑ Verglas sur le sol - glazed frost on the ground
✱ Tourmente de neige - snowstorm
✱ Tourbillon de neige près du sol - drifting snow (near the ground)
✱ Tourbillon de neige à une certaine altitude - drifting snow (high up)
≡⁰ 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
∞ 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
① Couronne solaire - solar corona
☾ Couronne lunaire - lunar corona
○ Arc-en-ciel - rainbow
☾ Aurore - aurora

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
np - 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

TABLEAUX - TABLES

Janvier - January

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]

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	28	70	58	58	42	58	22	22	58	90	108	97	-14	20	-84	-84	-42	82	228	28	90	28	4	-32	-	40	308	-624	642	o,s	1	
2	-14	28	128	210	120	182	112	98	104	-24	-84	-58	-42	-28	-18	-3	0	-22	-58	-84	-84	-58	-70	-70	-	10	428	-368	792	o,s	2	
3	-58	-58	-28	-45	-20	0	0	-14	3	[116]	[106]	57	25	-80	-34	-42	-32	-98	-42	-128	-112	-28	-105	-198	-	-34	198	-417	613	o,s	3	
4	-70	-102	-84	-18	20	-58	-224	-231	-88	-192	-182	-112	102	-17	86	106	-52	-128	-260	-176	-48	10	270	-22	-	-63	386	-924	1310	o,s	4	
5	42	70	39	-128	-181	-57	-45	-165	[-378]	-326	-336	-115	-157	-210	-190	-98	-168	-25	-28	151	140	89	14	-28	-	-88	424	-816	1050	o,s	5	
6	-42	-8	-1	42	-39	-31	-73	-168	-202	-	-	-190	-181	-111	-120	-152	-198	-22	-59	-52	-28	-39	-72	-17	-	-	-	-	-	c,s,g	6	
7	-112	-81	6	-87	-42	-56	-14	8	-14	14	6	127	129	42	-27	-101	-120	-183	-183	-134	-24	-39	183	307	-	-16	672	-433	1105	o,s	7	
8	224	228	224	155	182	168	-20	-237	-196	-168	-165	-154	-120	-155	-84	-179	-57	-8	78	28	88	102	168	84	-	11	328	-330	688	o,s	8	
9	34	42	48	78	84	84	92	-111	-118	-87	-42	-81	-151	-244	-216	-235	-53	82	140	58	69	85	62	104	-	-13	203	-498	701	o,r,g,d,s,m	9	
10	-3	-14	-24	-18	-78	-127	-188	-173	-249	-267	-260	-269	-186	-92	-4	112	184	188	358	428	221	-32	-28	48	-	-33	622	-700	1222	o,s	10	
11	118	122	0	-84	-122	-197	-272	-308	-224	-188	-119	-41	3	-18	22	27	-1	35	71	-22	-195	-143	-77	-150	-	-73	801	-899	1200	o,s,r	11	
12	-24	127	<180	-386	-393	-269	-88	-4	-152	-89	-	168	214	242	371	291	24	-108	-72	-31	49	38	136	211	-	-	-	-	-	o,s	12	
13	207	141	92	42	91	8	80	141	188	104	98	42	25	98	126	-212	-185	-97	-72	-129	-14	-24	-213	-343	-	8	283	-581	834	o,hf	13	
14	-381	-181	228	112	-95	-42	283	-31	-71	-126	-175	-322	-358	-644	<672	143	-365	-273	67	-307	-207	-171	-120	-112	-	<-182	2029	<-2100	>4129	o,hf,s	14	
15	-81	-46	-126	27	28	-28	-14	28	42	141	-50	-115	28	76	<-248	109	-162	-168	-218	-311	-311	-168	-235	-322	-	<-89	1764	<-2100	>3884	o,s	15	
16	-301	-285	-204	-4	-311	-62	118	185	105	-87	-168	-132	-1	-48	28	32	86	48	56	70	80	120	126	42	-	-21	332	-1457	1789	o,g	16	
17	38	14	14	14	-8	-11	70	45	339	455	-483	316	4	-504	98	85	42	56	-87	87	146	85	20	29	-	33	1306	-1932	3238	o,s	17	
18	87	124	56	-21	39	28	41	42	-13	-73	-11	28	56	34	0	-83	-78	-32	15	-70	13	-32	-56	-86	-	1	269	-187	426	o	18	
19	-84	-58	-70	-141	-124	-57	-14	-42	87	42	98	42	70	-12	-88	20	58	34	42	28	14	49	67	50	-	0	188	-199	367	o,g	19	
20	70	45	84	101	101	-42	12	12	112	126	126	182	211	151	4	12	31	165	161	192	298	319	229	220	-	126	448	-237	885	o,g	20	
21	81	168	11	7	101	126	17	42	7	-7	95	402	336	406	127	-18	-14	122	217	308	363	315	129	13	-	143	804	-139	643	o,s	21	
22	92	112	70	112	116	28	-28	-48	-28	34	39	-12	-3	28	29	90	20	17	-14	-58	-98	389	459	221	-	64	683	-179	862	o,s,g	22	
23	-322	-41	32	-58	-67	-89	-38	-48	-87	17	98	11	-14	14	70	-57	-31	-31	-112	140	171	224	154	84	-	2	287	-798	1085	o,g	23	
24	17	72	0	-72	-120	-98	-220	-241	-384	-419	-361	-244	-126	84	-25	-20	-178	-237	-378	-476	-428	-206	-210	-125	-	-183	230	-636	866	o,s,s	24	
25	-277	-189	-60	38	41	-14	-14	56	59	95	78	91	294	365	505	462	168	123	157	93	130	277	316	241	-	126	588	-406	984	o	25	
26	322	475	500	395	252	133	20	41	-14	8	108	235	308	293	277	237	97	-350	<-387	-689	-477	-419	-321	-395	-	<27	528	<-700	>1228	c	26	
27	-289	-392	-185	-98	-70	-249	129	168	-176	12	67	182	288	221	314	238	252	237	249	333	98	-227	21	-84	-	58	510	-623	1133	o,s,m	27	
28	-164	-110	-107	-294	-280	-311	-229	-92	-277	-238	-319	-218	-277	-360	-238	-128	-109	53	-224	-140	-315	-284	-56	-10	-	-210	203	-798	1001	o,m,r,s	28	
29	14	-21	-29	-58	-45	-11	4	20	73	238	90	64	84	81	109	119	10	50	-14	36	-55	15	-7	-25	-	30	433	-168	601	o,r,s	29	
30	-24	-32	263	624	-622	-584	(-328)	-	-323	(-352)	-	<-42	21	-857	120	-374	-199	-165	-115	-224	-128	-134	-109	-128	-	-	-	-	-	-	o,s	30
31	-78	-59	-77	-147	-141	-171	-120	-116	-185	-180	-118	-140	-108	-90	-56	-129	-288	-112	39	-42	-28	-148	-277	-210	-	-121	84	-408	493	o,s	31	
A	207	243	221	254	184	133	80	141	188	104	103	235	281	268	324	284	-	-	217	308	216	226	173	216	-	213	-	-	-	-	-	
N	-33	4	<18	12	-50	-58	-31	-47	-63	<-39	-63	<-6	13	<-43	<7	4	-48	-26	<-21	-30	-20	-3	16	-21	-	-22	-	-	-	-	-	

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

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

Février - February

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1979
THOR - GUT

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		-660	-408	-419	-202	-62	-70	-32	[-122]	-46	-181	-42	-210	-195	-66	36	46	-56	-56	-28	-14	-53	-32	-11	-98	-	-122	1134	-402	1936	e,s	1		
2		-15	-28	-13	58	132	196	171	129	-224	-256	-294	-126	-22	59	70	1	-196	<-581	<-507	<-518	-414	-416	-319	<-577	-	<-154	224	<-700	>824	e,s,r	2		
3		-308	-106	120	210	224	238	349	420	302	353	400	392	381	324	392	406	395	376	133	168	127	368	438	445	-	217	504	-700	1204	e,r	3		
4		456	370	325	268	35	-108	-41	-102	-67	396	<25	-	[458]	447	546	552	535	518	519	346	13	74	-18	86	-	-	-	-	-	-	e,s	4	
5		-31	14	37	42	25	-42	-14	56	112	168	268	312	-	-	491	507	434	364	235	36	63	-84	-129	<-378	-	-	-	-	-	-	e,hf	5	
6		-332	28	102	<-249	-150	-101	-101	-24	14	-45	10	120	-0	101	46	-116	-22	-87	11	-8	-95	-154	-123	-224	-	<-59	497	<-700	>1187	e,s,g,m	6		
7		-343	-244	-106	-70	-42	-3	26	122	118	112	225	207	210	270	346	402	529	451	420	563	232	260	252	232	-	168	679	-490	1169	c	7		
8		147	0	-78	-67	20	90	28	-98	-316	-294	-367	-281	-353	-269	-147	-155	-34	-280	-101	-99	-701	-504	-714	-1134	-	-239	1617	-2054	3671	e,s,g	8		
9		-1394	-1273	-1046	-840	-554	-406	-112	-81	-253	-252	14	182	389	602	554	602	589	576	574	608	584	525	557	462	-	25	658	-1638	3296	c,s	9		
10		322	28	-207	-172	-143	-179	-209	-213	-99	-20	148	507	532	545	505	403	127	104	213	-305	-166	<-295	<-402	-286	-	<-30	616	<-700	>1316	c,m	10		
11		-238	-42	123	211	60	109	164	101	-99	-274	237	496	574	650	688	658	462	582	764	983	241	251	301	194	-	300	1344	-504	1848	b,hf	11		
12		370	344	392	323	370	456	297	126	251	378	447	395	306	291	189	8	-143	-241	-241	-335	-213	-76	-42	-28	-	142	518	-859	1177	e,hf,g	12		
13		-53	-56	-13	81	28	71	77	76	77	98	168	155	165	168	319	-	322	305	258	164	39	252	403	46	-	-	-	-	-	-	e,s	13	
14		70	0	92	96	174	48	32	300	196	346	-538	-916	-168	-196	-140	-189	-242	-252	-319	-262	-174	-110	-137	-179	-	-104	672	-1764	2438	e,s	14		
15		-266	-266	-308	-323	-262	-227	-155	-164	-125	-108	-155	-235	-235	-316	-283	-353	-501	-533	-535	-402	-266	-209	-192	-140	-	-	282	-798	1050	e,s,g	15		
16		-62	6	41	67	132	196	238	228	154	123	102	60	78	[84]	67	88	98	76	132	120	182	183	176	126	-	-	112	291	-179	470	c,wind	16	
17		64	42	26	-1	-56	-70	[-95]	-92	[-158]	-283	-336	-392	-522	-504	-378	-1812	-911	-546	-484	-420	-420	-	-	-	-	-	-	-	-	-	e,s,wind	17	
18		-	-	-	-	-	-	-	-	-	-	-	-25	83	139	140	144	238	280	221	235	253	179	282	342	-	-	-	-	-	-	-	e,s	18
19		297	308	277	294	280	294	315	336	395	448	431	[473]	549	547	539	582	543	539	574	559	578	588	598	511	-	402	644	238	408	c	19		
20		417	225	189	169	60	182	183	192	238	272	380	409	482	504	532	583	547	602	637	655	654	668	627	552	-	413	676	21	655	e,s	20		
21		560	476	441	504	549	532	[547]	599	610	588	560	507	[476]	486	535	526	498	559	613	638	602	556	602	532	-	546	546	658	392	286	e	21	
22		560	406	388	542	556	549	609	619	644	626	605	606	619	616	627	641	634	658	622	624	588	556	559	-	588	588	672	330	342	e,hf	22		
23		567	580	543	560	602	622	633	644	640	668	685	672	672	658	652	650	688	773	784	790	697	588	473	406	-	635	635	932	347	485	b,hf	23	
24		361	462	531	524	560	536	487	487	272	512	484	[549]	515	403	479	518	588	478	378	381	291	326	232	133	-	439	630	-295	925	e,hf	24		
25		276	214	31	59	60	-84	-56	50	134	171	185	252	266	255	227	185	122	199	277	120	282	346	197	478	-	178	665	-157	822	e,s,g,m	25		
26		314	<-22	<-297	393	231	-25	225	87	109	-15	260	392	423	509	574	588	486	307	[-308]	-378	-308	<-546	-421	<-434	-	<-88	620	<-700	>1320	c,s,m	26		
27		-476	-260	-14	-102	-42	-154	-67	[-109]	-112	330	538	543	602	644	[672]	613	531	504	234	252	55	119	434	441	-	216	678	-680	1358	b,hf	27		
28		473	251	152	98	112	104	304	448	636	630	644	[650]	[645]	642	643	640	680	694	704	685	610	554	509	499	-	503	720	-41	761	e,hf	28		
A		429	416	459	491	377	408	400	436	478	580	478	542	503	528	482	484	469	542	496	543	484	439	-	-	460	-	-	-	-	-	-		
N		42	<39	<49	<92	108	104	141	148	134	166	<169	211	256	284	318	261	241	<227	<209	<176	118	<146	<183	<95	163	-	-	-	-	-	-		

Mars - March

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]

1979

TMR - 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	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1		430	234	272	234	180	112	112	192	144	-34	171	216	184	253	310	433	388	269	379	462	398	278	234	18	-	-	241	480	-190	670	e,s	1	
2		17	96	90	70	86	8	-112	-154	-192	-10	130	128	190	211	301	339	350	144	-38	64	126	-339	<-688	<-768	-	-	<5	512	<-800	>1312	e,s	2	
3		-163	-430	-347	-338	-96	-16	178	269	324	154	384	397	402	388	448	368	202	-74	-210	-288	-304	-387	-429	-144	-	-	15	480	-1778	2256	e,r	3	
4		-238	-400	-320	-198	-138	-82	13	173	314	432	496	403	333	88	85	358	226	144	294	304	-18	-240	-569	-576	-	-	33	838	-1968	2506	e,r	4	
5		<-578	-370	-211	-362	-228	-320	-311	-128	-83	291	180	352	259	400	448	464	461	453	453	290	-317	21	100	624	-	-	<86	840	<-800	>1440	e,r,m	5	
6		365	344	342	240	442	392	382	[384]	384	339	282	416	382	368	480	480	809	384	373	384	272	231	162	122	-	-	382	870	-46	616	e,s,g,d	6	
7		32	16	45	16	-10	16	61	32	3	34	18	3	78	80	126	144	144	126	208	126	85	-22	18	-	-	-	63	302	-117	419	e,d,r	7	
8		-327	-352	-382	-288	-176	-288	-227	-352	-352	-242	0	288	80	160	-	186	53	118	-104	-312	-352	-280	-251	-118	-	-	-	-	-	-	e,r,m,f	8	
9		-84	48	80	34	32	45	138	256	256	192	258	288	234	288	288	304	304	235	16	-35	-16	48	3	22	-	-	138	362	-214	568	e	9	
10		38	32	8	32	0	-6	128	96	-384	-672	206	-260	-144	-240	-144	-474	-429	-29	133	195	317	237	221	184	-	-	-41	1258	-1618	2876	e,s,r	10	
11		80	134	144	62	99	115	194	275	384	349	288	229	-264	<-600	<-398	<-720	[-46]	[45]	90	170	216	229	248	259	-	-	<88	2294	<-2400	>4894	e,s	11	
12		272	298	338	269	224	179	160	128	53	144	<480	<-96	-758	-418	-88	528	610	562	480	597	414	434	288	227	-	-	<222	2203	<-2400	>4803	e,s,r,m	12	
13		170	176	206	144	128	192	<-571	96	355	-312	240	389	432	431	432	446	432	86	288	272	224	275	355	381	-	-	<220	2084	<-2400	>4484	e,s,r	13	
14		257	326	288	210	158	224	282	197	14	101	154	139	101	206	349	488	565	622	>688	>749	720	805	690	572	-	-	>387	>800	-216	>1016	e,r	14	
15		428	307	389	349	341	358	483	619	400	302	301	429	358	347	352	448	491	525	491	558	541	448	259	254	-	-	407	702	170	532	e	15	
16		109	150	69	121	222	214	224	-576	-408	-538	-96	-21	186	336	502	626	654	656	608	544	501	445	353	230	-	-	213	838	-2028	2962	e,r,d	16	
17		282	331	278	336	288	259	302	237	64	-128	-384	-672	-621	-518	-80	224	358	338	370	344	429	437	42	-120	-	-	100	838	-874	1412	e,d,r,s,m	17	
18		382	186	-96	-115	-576	-288	-768	-605	-442	-677	-528	-384	-288	30	32	-208	61	485	416	488	566	530	452	834	-	-	-36	728	-1788	2514	e,s	18	
19		480	477	517	403	323	389	419	493	580	480	125	285	96	<-24	<-352	624	-72	206	221	38	432	-283	288	467	-	-	<266	1507	<-2400	>3907	e,s	19	
20		-96	32	-240	48	72	258	289	400	339	>379	301	381	406	480	528	520	482	470	454	336	379	342	342	288	-	-	>297	>800	-749	>1549	e,s	20	
21		317	349	272	184	-386	-221	<-1603	<-1114	<-874	-557	125	581	-	702	636	579	550	544	493	749	864	864	464	449	-	-	-	-	-	-	e,s,r	21	
22		312	136	99	80	115	118	443	[658]	738	667	768	778	701	394	67	274	350	595	806	808	850	950	854	931	-	-	520	1056	-283	1339	e,hf	22	
23		874	782	730	629	101	144	518	-638	326	<-1272	<-2400	-1718	86	221	628	566	634	134	-619	-190	-216	130	836	689	-	-	<20	1548	<-2400	>3948	e,r,d,m	23	
24		541	416	296	373	458	530	669	749	736	688	718	806	835	782	624	633	773	854	754	811	936	826	584	448	-	-	656	989	54	936	e,s	24	
25		624	372	189	165	328	454	808	707	875	462	419	445	480	565	597	544	654	717	768	884	840	683	678	608	-	-	559	912	80	832	b,s,hf	25	
26		541	494	467	472	411	370	307	307	274	400	464	445	477	488	580	515	534	368	320	336	304	-379	-616	-829	-	-	291	710	-1728	2438	o,r	26	
27		-91	-240	45	-211	-528	-149	-342	[-306]	-80	96	272	416	488	474	490	509	528	326	288	147	16	-142	-331	-283	-	-	58	707	-1718	2425	e,r,m	27	
28		-439	-453	-378	-336	-205	-211	-109	-83	-83	-35	-107	80	[224]	163	166	195	46	219	317	258	232	46	-144	-306	-	-	-38	843	-618	1261	e,r,m	28	
29		-311	-278	-288	-254	-206	-179	-314	-19	173	139	224	253	200	-48	-763	-608	-117	-18	-80	93	-104	-102	-282	-744	-	-	-134	1584	-2141	3726	e,m,d,r	29	
30		<187	38	250	288	<-408	13	291	496	645	669	565	480	227	-	-	<-730	874	-269	214	64	125	293	317	339	-	-	-	-	-	-	e,r	30	
31		284	142	48	32	-96	-182	-214	-51	-	-254	-586	-288	-96	109	218	280	146	-37	-136	-	-	-	-	139	64	-	-	-	-	-	-	e,r,d	31
A		457	438	400	343	253	216	344	488	498	458	395	440	437	423	441	456	509	516	480	568	564	561	458	495	460	-	-	-	-	-	-	-	
N		<180	109	106	86	<24	80	<57	<86	<145	51	<111	<168	178	<203	<226	<272	342	297	>279	>308	283	210	<134	<127	168	-	-	-	-	-	-	-	

Avril - April

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]

TMR - 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	N	Max.	Min.	Aspl.	L'indication du temps Type of weather	Date
1		87	-12	28	48	101	176	243	317	-91	131	320	298	352	230	358	-254	-432	-1291	-2008	-1808	-528	64	24	-131	-	-150	874	-2400	3274	e,r	1	
2		-176	-400	-458	-304	-179	54	222	[419]	256	386	421	379	<-518	370	224	176	240	384	414	432	360	314	304	339	-	<-152	1531	<-2400	>3931	e,r	2	
3		275	224	165	176	214	149	192	[476]	834	804	488	403	356	388	403	349	418	448	445	443	339	334	368	352	-	351	637	-50	687	e,hf	3	
4		328	283	192	139	224	205	352	368	370	304	390	310	288	290	347	210	182	128	226	291	275	288	208	234	-	267	512	64	448	e,r	4	
5		288	192	144	48	176	216	205	256	227	288	264	282	282	373	382	418	487	480	[499]	518	461	428	384	429	-	320	500	-98	656	e	5	
6		400	304	224	274	262	214	267	435	338	240	362	[254]	338	357	333	384	298	294	173	185	224	106	64	98	-	267	608	-3	611	e	6	
7		99	80	22	-202	-14	-92	28	-320	-368	-299	-341	-133	-16	-88	-126	-43	8	45	30	-11	-90	-96	120	128	-	-69	754	-640	1394	e,r,s	7	
8		147	89	-139	[824]	16	-131	-448	<-448	-1048	-464	-398	-84	48	80	128	134	128	77	-18	70	211	359	205	-	-	-	-	-	-	e,s,r	8	
9		211	188	272	144	88	208	224	384	381	371	323	304	310	318	338	358	384	370	367	381	272	288	368	342	-	299	458	43	415	e	9	
10		306	312	387	408	346	448	548	576	586	498	448	[400]	432	421	400	382	371	400	416	480	498	338	371	448	425	425	688	144	544	b,hf	10	
11		480	411	451	308	411	512	592	580	571	480	443	418	388	498	432	464	462	384	282	288	268	411	547	518	-	435	704	-84	768	e,hf,m	11	
12		428	227	382	195	176	-205	-158	-56	508	368	544	588	782	451	477	518	528	627	(816)	1058	1238	1190	1258	1022	-	515	1392	-816	2208	e,m,f,hf	12	
13		582	502	611	768	588	461	510	528	387	253	298	330	333	352	410	382	392	389	522	610	522	512	355	234	480	450	863	174	709	b,hf	13	
14		195	139	202	176	270	336	387	147	208	288	237	282	304	227	197	174	144	32	154	224	336	328	458	432	-	244	821	-400	1221	b	14	
15		141	176	272	240	144	176	74	-6	178	118	186	167	34	283	323	344	382	416	481	432	432	400	403	395	-	255	1182	-288	1450	e,r	15	
16		384	368	410	524	608	828	460	480	414	429	389	352	380	349	368	368	349	413	[528]	-	-	-	-	-	-	-	-	-	-	-	b,hf	16
17		-	-	-	-	-	-	-	-	-	-	-	-	429	371	334	289	165	178	194	-	-	-	-	-	-	-	-	-	-	-	e,s	17
18		1075	298	32	101	208	128	18	272	336	288	208	182	192	182	184	184	243	352	562	656	598	480	470	518	-	323	1536	-744	2280	e,s	18	
19		554	610	656	573	400	410	544	573	320	112	98	198	202	80	38	248	368	576	570	720	980	1310	1094	844	-	489	1435	-278	1713	e,s	19	
20		318	448	432	443	352	421	512	397	307	304	288	317	358	385	342	291	334	333	368	[224]	208	316	323	428	-	362	640	35	805	e,r	20	
21		578	622	528	275	382	605	590	598	848	483	458	[354]	288	332	400	416	422	448	619	512	403	240	259	272	-	447	768	56	712	e,m	21	
22		264	164	242	144	224	246	282	-43	403	614	317	230	139	86	-108	<-5	<-778	200	208	13	54	128	89	92	-	<-136	1689	<-2400	>4099	e,r,m	22	
23		18	115	195	-267	150	323	484	<72	-202	333	333	288	318	-72	<-158	<842	840	96	83	123	234	294	384	384	-	<-201	1646	<-2400	>4046	e,r	23	
24		397	368	329	328	308	397	368	352	428	302	362	330	274	198	180	182	240	(246)	[206]	[221]	99	208	197	224	-	281	378	-84	640	e,r	24	
25		192	219	184	176	48	258	323	320	320	342	176	109	48	182	155	61	-104	-571	26	51	98	219	483	484	-	158	640	-1306	1948	e,r,m	25	
26		422	259	-116	-112	-157	-128	-232	-202	339	333	277	237	208	195	288	291	259	290	378	278	118	96	-114	-288	-	122	512	-616	1128	e,r	26	
27		-421	-358	-382	-368	-365	-370	-192	56	112	112	98	144	538	730	<-749	-326	106	-864	-360	-701	-526	-368	-290	-448	-	<-216	1642	<-2400	>4042	e,d,r,m,f	27	
28		-368	-293	-253	-134	-125	-112	-93	197	210	272	336	336	[202]	248	162	269	362	360	368	307	190	112	74	-154	-	103	682	-571	1253	e,r	28	
29		-10	-8	-208	32	109	128	176	144	106	70	128	144	234	208	289	272	58	-34	[-16]	2	-8	-14	-144	-318	-	85	304	-624	928	e,r	29	
30		-208	-51	-198	-243	10	211	288	272	179	-48	-370	<-512	[26]	<-382	264	102	<-144	-	-922	-1051	-922	-1344	-1464	-576	-	-	-	-	-	-	e,r,wind	30
A		333	302	328	338	336	380	420	482	434	378	360	385	372	350	350	317	317	368	399	471	478	428	454	437	388							
N		244	188	189	175	176	207	233	<246	<256	234	261	<285	<294	<281	<214	<236	<203	181	189	180	221	242	245	221	217							

Mal - May

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]

1979

THOR - 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	M	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
1		-418	-243	-190	208	144	374	563	821	528	389	384	339	288	<-834	<-442	374	243	208	240	219	208	480	<-648	864	-	<208	1584	<-2400	>3984	c,r	1	
2		125	-67	-252	-104	-46	178	384	484	504	531	531	310	[32]	-394	-237	102	04	8	221	48	160	-38	<-662	-413	-	<58	1638	<-2400	>3936	e,r	2	
3		-208	-83	-214	-566	162	426	512	[472]	384	176	402	<72	243	500	190	294	-106	208	-797	358	13	-98	-528	-797	-	<46	1638	<-2400	>3936	e,r	3	
4		-24	-269	-22	-16	122	[60]	-	-139	160	238	264	432	<-408	710	<-606	234	208	240	272	208	163	195	229	213	-	-	-	-	-	e,r	4	
5		-80	19	192	50	113	222	381	[400]	400	387	346	288	236	230	256	269	298	382	416	448	395	288	253	173	-	265	630	-253	883	e,hf	5	
6		240	155	67	62	130	70	-112	-147	-94	-179	-222	-136	-38	-26	29	64	114	192	288	304	155	-6	18	-16	-	38	387	-346	733	e,d	6	
7		-86	-112	-123	-268	-153	141	192	302	179	190	61	109	(-835)	<-134	147	90	128	78	187	272	322	346	435	518	-	<76	(1344)	<-2400	>3744	e,hf,r	7	
8		512	320	270	192	214	116	208	256	286	274	269	147	141	214	184	256	288	320	408	373	357	266	170	178	-	267	674	80	594	e,hf	8	
9		208	211	224	222	256	304	227	195	141	-576	-528	-490	-384	-346	-739	-67	-10	-413	-374	-974	456	-48	-192	-384	-	-128	1608	-2084	3672	e,r,m	9	
10		-336	-288	-230	-523	144	-480	-547	-749	-384	48	123	176	272	325	378	256	186	<-562	-1315	-768	-384	-130	115	184	-	<-187	1704	<-2400	>4104	e,m,d,r,t	10	
11		323	171	323	403	384	467	419	338	272	334	322	289	243	192	187	234	256	275	390	514	653	442	411	272	-	338	786	80	706	e	11	
12		243	221	214	214	282	323	308	406	397	342	290	290	275	298	313	338	352	448	474	614	816	720	748	506	396	396	960	200	780	e	12	
13		403	342	250	348	352	416	384	256	276	221	100	180	187	176	187	144	139	179	230	272	288	293	275	384	260	260	498	32	484	e	13	
14		339	266	234	222	236	304	352	338	320	291	266	283	230	230	128	342	326	442	662	576	466	386	42	-	-	311	960	-275	1235	e	14	
15		147	43	64	124	237	381	451	414	384	400	400	269	227	243	240	254	224	197	214	424	592	544	480	419	-	308	672	-78	750	b	15	
16		317	227	170	158	326	394	416	414	320	192	146	(188)	160	(144)	189	224	253	314	422	432	480	419	352	298	-	288	605	0	905	b	16	
17		253	211	198	173	291	332	334	338	288	310	216	202	83	77	29	64	112	181	230	224	202	205	192	240	-	209	613	-336	949	b	17	
18		213	144	112	85	136	144	208	243	262	190	128	147	110	67	99	93	107	243	[328]	355	368	346	314	278	-	197	560	-29	589	b	18	
19		253	208	131	139	154	306	323	256	144	64	<-453	246	-32	-2	-29	98	51	275	344	294	-720	96	-82	-	-	<81	1296	<-2400	>3696	e,r,wind	19	
20		-234	-176	-60	-138	-42	48	64	147	173	176	174	142	187	150	160	176	182	258	320	237	149	256	224	208	-	113	366	-366	734	e	20	
21		98	-3	-64	-45	13	67	224	270	322	342	346	344	288	282	285	258	320	320	362	498	304	275	238	211	-	231	784	-98	882	e	21	
22		176	144	147	142	112	246	477	608	634	486	448	333	442	272	381	448	390	304	302	170	224	291	301	184	-	319	800	64	736	e	22	
23		182	251	238	211	238	203	256	176	390	405	318	419	348	278	288	336	<-758	-980	294	378	419	472	804	517	-	<226	784	<-2400	>3184	e	23	
24		484	381	344	320	324	294	310	499	442	403	275	176	206	176	189	178	243	320	381	374	378	390	400	400	-	328	610	-286	896	e	24	
25		451	387	387	358	320	320	368	374	381	342	<-984	-	590	<-77	811	[352]	240	275	242	227	230	224	128	62	-	-	-	-	-	e,t,r,h	25	
26		174	256	-32	-200	302	267	350	[355]	[384]	374	320	259	224	208	208	198	186	224	302	368	288	293	301	307	-	246	478	-592	1070	e	26	
27		266	232	229	259	288	323	381	438	477	362	310	242	227	(208)	208	226	262	274	352	338	317	288	278	288	-	295	512	185	357	e	27	
28		259	205	128	94	144	51	67	<-422	<-48	-96	(686)	(629)	-43	-322	-467	-298	-236	70	112	153	101	-109	-80	-77	-	<22	(1685)	<-2400	>4085	e,t,l,r	28	
29		-224	-338	-445	-498	-112	384	528	493	481	434	384	397	400	448	436	448	490	472	528	560	582	582	643	688	-	322	784	-744	1528	e	29	
30		839	618	541	484	416	448	397	406	438	448	322	307	338	368	362	442	480	512	550	512	413	259	144	173	-	413	755	112	643	e	30	
31		176	592	221	240	445	640	688	384	370	142	18	-61	-40	-32	80	202	301	304	[387]	507	494	400	384	371	-	285	784	-312	1096	e	31	
A		304	248	219	222	263	318	357	345	362	331	310	284	251	281	268	266	290	286	354	402	403	374	361	347	317							
M		157	114	97	75	181	247	306	<268	<294	247	<200	<186	<144	<129	<135	206	<172	<168	216	279	322	245	<191	200	189							

Juin - June

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]

1979

TMR - GAT

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		320	344	325	304	440	448	397	272	179	173	147	152	182	224	258	224	224	287	278	301	275	308	307	310	-	278	560	80	480	c		1		
2		326	304	178	192	290	397	398	240	165	180	165	160	234	115	131	142	176	392	509	523	458	592	387	378	-	294	764	-148	900	c		2		
3		371	382	320	208	258	232	291	218	224	206	09	112	-37	-16	-624	181	224	272	304	386	498	304	195	128	-	197	578	-1776	2352	e, l		3		
4		102	112	99	98	176	275	418	573	544	484	400	347	314	272	288	334	308	368	432	483	496	464	509	464	347	840	64	576	b		4			
5		496	406	477	491	576	605	570	243	352	224	304	266	304	302	288	317	352	362	416	435	384	385	373	432	-	392	717	-112	829	e		5		
6		386	374	453	448	578	544	419	432	432	400	368	320	288	317	320	[330]	-	-	[408]	448	384	331	304	208	-	-	-	-	-	b		6		
7		228	179	216	202	192	448	547	236	142	13	18	-61	48	109	176	227	304	352	352	338	[327]	-	-	-	-	-	-	-	-	-	b		7	
8		-	-64	-192	-125	-144	-80	[-30]	-	-94	-147	-64	19	-16	32	-32	-102	-139	[-48]	-37	-96	-144	-80	-123	-218	-	-	-	-	-	-	e, r		8	
9		-149	-178	-110	-45	62	112	262	[381]	434	312	272	330	261	229	221	179	147	144	179	189	189	70	45	-64	-	144	477	-301	778	e		9		
10		-32	-85	-93	-30	-272	-208	-27	88	112	141	237	227	251	288	298	349	365	333	[290]	272	448	430	574	499	-	188	762	-400	1182	e		10		
11		672	592	602	512	459	576	438	339	285	334	[134]	179	221	266	272	275	304	288	408	464	442	312	285	333	-	375	798	84	734	c		11		
12		336	320	344	344	384	362	238	192	222	197	82	86	58	122	64	34	-112	32	106	37	-144	-144	-256	-338	-	108	470	-840	1110	e		12		
13		-112	-56	-22	-144	-	-	-	[-128]	-61	-16	-96	-56	-16	-21	-408	-61	16	168	552	82	-14	112	182	190	-	-	-	-	-	-	e, r		13	
14		36	125	374	384	19	131	83	85	224	294	262	258	184	3	3	-352	-358	<-616	-414	<-700	<-784	-517	-451	-382	-	-	-	-	-	-	e, r		14	
15		-109	-384	-205	-132	-272	-392	-288	-267	-203	-131	-32	-38	-178	-291	-173	144	36	224	382	480	86	-46	-77	-98	-	-	-	-	-	-	e, r		15	
16		-102	-82	26	-70	-59	-24	58	101	77	194	262	<-192	<-518	24	<-1142	<-850	251	304	[291]	-	-	-	-	-	-	-	-	-	-	-	-	e, t, r		16
17		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e, r		17
18		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e, r		18
19		118	144	101	94	112	182	242	304	307	363	338	357	237	276	208	272	307	278	240	330	376	282	332	179	-	244	478	19	459	e, r		19		
20		227	224	195	258	422	480	467	432	352	256	224	[240]	208	188	196	192	208	288	288	382	400	406	426	341	-	298	875	16	859	e		20		
21		310	213	186	192	248	240	245	270	254	224	211	198	200	144	160	176	192	237	336	397	413	304	324	189	-	240	846	81	495	c		21		
22		174	144	142	128	368	158	442	328	38	210	160	87	147	72	16	19	11	-19	[35]	114	180	289	323	389	-	170	1402	-408	1808	e, r		22		
23		291	168	173	240	256	323	301	243	208	-50	224	93	19	84	106	192	131	224	286	328	288	286	270	289	-	208	462	-504	966	e, r		23		
24		237	208	173	122	141	163	160	214	102	88	131	112	112	84	80	80	144	224	221	278	298	322	336	370	-	182	384	-104	488	b		24		
25		336	240	239	283	330	154	62	-22	-32	-62	-112	-232	-314	-48	1138	691	422	941	<-1162	<-828	<-634	<-442	<-380	<-787	-	<-23	<1704	<-2400	>4104	e, l, t, r		25		
26		-412	-266	-285	-142	202	258	413	285	288	259	269	101	221	251	<-884	<-437	333	98	-48	-51	61	144	80	168	-	<-38	1469	<-2400	>3869	e		26		
27		224	173	-74	-86	-98	-117	[-136]	-	-	-	-	-	-	<-1104	126	126	66	-184	128	275	301	336	254	192	-	-	-	-	-	-	e		27	
28		61	-81	-221	-491	<-485	-506	-443	-274	-208	-32	48	-13	-224	-192	29	-13	-113	112	-10	192	163	96	93	141	-	<-98	416	<-800	>1216	e, r		28		
29		139	106	169	-102	221	179	2	-192	109	216	47	64	16	-136	-232	48	82	116	[-90]	-77	-48	-21	3	-29	-	25	480	-528	1008	e, r		29		
30		51	-131	-112	96	-98	-86	-96	-365	-306	-136	-32	-16	<-610	-542	-90	51	176	288	221	8	26	48	48	144	-	<-60	782	<-2400	>3182	e, r		30		
A		314	269	263	285	355	374	362	305	283	261	265	270	245	258	227	256	231	278	330	354	370	339	322	308	305									
N		168	116	126	115	<160	179	200	171	153	155	150	<115	<87	<38	<32	<97	147	<192	<189	<179	<178	<178	<197	<131	141									

Juillet - July

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1979
TMOF - 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	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
		32	-22	48	72	81	90	131	206	291	218	285	282	470	289	-77	155	192	-528	144	<720	-152	-278	-230	-314	-	<86	1680	<-2400	>4080	o,r	1	
		-310	-242	-187	-93	-282	-128	88	245	301	274	211	221	320	438	373	248	205	200	160	128	118	90	179	173	-	116	507	-413	920	e	2	
		192	218	266	317	427	352	368	314	272	246	229	256	240	266	198	141	131	51	118	197	298	419	410	386	-	263	576	-64	640	o	3	
		334	307	304	99	185	234	424	438	288	360	451	184	224	205	133	118	90	112	224	301	211	206	112	142	-	236	592	-16	608	o	4	
		138	186	131	149	299	397	448	398	357	334	256	136	173	<408	480	259	<125	197	-96	-16	0	114	-288	-56	-	<155	1680	<-2400	>4080	o,r	5	
		-696	-398	-320	-344	-459	-224	422	24	99	166	173	208	<(-288)	<-192	<-1320	<202	<240	<-1162	-528	-523	-384	-360	<-739	<-96	-	<-287	1680	<-2400	>4080	o,r,l	6	
		<-1488	-624	-528	-605	<-1152	-1118	[-816]	-	<-704	<-672	<-984	<-1136	<-451	-230	-210	<-106	<-120	<-96	<-547	-434	-224	-517	-486	-694	-	-	-	-	-	o,r,l	7	
		-378	-605	-598	-552	-571	-749	-622	-390	-509	-557	-209	[-330]	-336	-112	-250	-192	-37	-34	-16	-168	-224	-256	-227	-272	-	-352	80	-926	1006	o,r,m	8	
		-120	-160	<-1267	-330	-499	-368	-304	-339	-310	-138	-3	96	211	144	141	224	-24	[-104]	-173	-480	-323	-298	-400	-394	-	<-230	1200	<-2400	>3600	o,r	9	
		-307	<-432	-614	<-672	<-566	<-230	-509	-307	-365	-317	-390	-256	-221	-272	-432	-336	-374	-467	-352	-282	-165	-109	-110	-70	-	<-341	1718	<-2400	>4118	o,r	10	
		3	-205	-240	-192	13	99	[176]	384	288	208	150	-61	176	115	144	128	128	35	45	99	150	294	298	275	-	105	499	-371	870	o	11	
		129	-125	-93	-240	-285	-278	-206	-128	-70	-160	-51	-272	83	205	253	167	342	289	195	333	472	288	291	193	-	54	523	-640	1163	o,r,d	12	
		467	406	278	301	18	86	202	141	323	304	224	157	[19]	51	-13	70	64	134	286	432	720	797	806	208	-	270	1037	-320	1357	e	13	
		435	570	576	413	355	179	278	13	150	48	-32	10	-86	144	29	-32	136	250	269	250	298	307	317	197	-	211	784	-336	1120	o	14	
		125	51	45	-109	-182	-160	-109	-16	-182	-61	48	134	150	96	118	176	131	186	[182]	288	218	128	93	128	-	62	365	-446	813	o	15	
		134	96	224	28	-30	-106	-192	-10	134	333	304	310	288	269	320	494	278	112	77	<-192	29	141	26	38	-	<128	624	<-2400	>3024	o,r	16	
		29	16	-93	-77	35	-13	176	253	221	118	<-437	672	230	<240	470	<125	-230	288	118	384	305	202	103	150	-	<142	1680	<-2400	>4080	o,r	17	
		192	125	-576	80	-16	38	125	224	208	256	268	310	243	355	272	150	198	237	-307	-34	-144	58	-720	-448	-	47	1018	-2160	3178	o,r	18	
		-528	-566	-509	-499	-960	-835	-490	-288	-163	<-38	<-480	<-588	<-288	<-96	<-230	<-557	-509	-450	[-168]	32	112	-106	38	-128	-	<-346	1992	<-2400	>4392	o,r,t,h	19	
		-432	-374	-485	-496	-160	-112	10	16	224	133	182	320	240	373	173	306	163	99	83	147	192	51	64	74	-	33	694	-672	1366	o	20	
		-48	77	-53	-64	-21	-13	30	128	234	248	272	258	134	166	227	330	170	208	-18	-32	67	29	-142	3	-	91	445	-256	701	o	21	
		26	50	67	-3	99	75	91	131	272	258	261	368	250	<-490	-480	-102	<-288	<-192	86	-440	-506	<-384	-67	-203	-	<-53	1728	<-2400	>4128	o,t,r	22	
		-320	-48	-195	-528	-446	-216	-240	-416	-272	-189	-112	-70	-32	-224	-50	-50	19	61	67	236	173	157	194	139	-	-98	352	-859	1011	o,r	23	
		128	51	16	154	272	253	323	389	96	214	272	304	226	136	144	227	179	150	190	234	160	61	34	-64	-	173	470	-162	632	o,r	24	
		-18	64	0	-30	-6	-70	19	13	-269	240	240	11	120	<134	<-384	179	350	384	198	354	298	256	341	197	-	<109	1680	<-2400	>4080	o,r	25	
		288	291	208	578	683	448	416	389	453	<72	<-408	<-624	346	538	<-768	<1205	432	504	328	-283	-77	48	-142	-184	-	<198	2016	<-2400	>4416	o,r,t	26	
		-163	-374	-629	-446	-346	-384	-302	-205	197	260	293	200	[179]	275	128	136	94	48	326	355	-542	-98	-134	317	-	-33	979	-1579	2558	o,m,r	27	
		258	64	37	-61	-112	-35	157	72	176	<-1308	-144	150	245	352	240	240	237	<-187	120	-30	240	276	354	40	-	<58	1723	<-2400	>4123	o,r	28	
		29	69	64	27	515	293	484	643	642	470	368	400	160	208	150	176	312	[400]	570	608	496	328	240	224	-	327	749	-285	1034	o	29	
		306	205	193	160	77	-22	-83	-270	-226	<-278	-350	<104	115	211	<-509	<-470	<-480	-48	-189	125	-19	-80	11	-98	-	<-71	1843	<-2400	>4243	o,r,t	30	
		18	35	-237	-38	32	-13	157	242	234	237	234	291	208	48	48	99	165	182	288	480	544	547	480	358	-	193	606	-464	1070	o	31	
A		260	279	315	297	257	260	347	400	368	334	245	312	240	350	240	293	213	223	233	336	334	380	398	244	298							
N		<-60	<-42	<-140	<-110	<-98	<-82	20	76	<77	<42	<35	<85	<108	<104	<-22	<115	<75	<27	<54	<91	76	<75	<22	<7	21							

Aélt - August

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1979
TMO - 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	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
1		349	278	182	144	115	100	163	175	90	89	122	96	130	85	-42	<-480	<-926	86	-78	-112	-115	-198	-118	-488	-	<-13	1776	<-2400	>4176	e,r,l	1	
2		-186	-54	-154	-288	-222	218	118	133	390	256	194	112	-43	-326	-164	-346	-160	-180	-101	91	229	-48	146	157	-	-8	546	-888	1434	e	2	
3		-107	-30	-394	-544	64	-149	80	237	216	-45	-27	-146	32	128	-77	186	[91]	304	589	486	37	-291	-115	-288	-	10	752	-854	1606	e,r	3	
4		86	-240	-509	-448	-355	-397	-371	-336	-458	-394	-528	[-230]	64	83	51	83	-40	-643	-307	-1123	<96	<-298	<-1569	-1344	-	<-381	1723	<-2400	>4123	e,m,r	4	
5		<-1171	<-1086	-734	-514	-836	-960	-828	-682	-587	-480	-188	-270	-74	8	-109	34	-53	32	130	221	128	147	141	80	-	<-317	1680	<-2400	>4080	e,r	5	
6		32	-10	-18	-29	-34	122	133	326	432	371	317	346	432	298	445	352	347	(394)	589	768	1114	1104	884	763	-	394	1248	-160	1408	e	6	
7		710	842	164	301	288	269	333	410	416	250	221	[225]	[206]	190	32	187	355	416	432	390	397	350	310	234	-	337	768	-128	896	e	7	
8		180	122	130	112	138	109	128	192	226	218	46	-291	[-265]	34	30	14	-64	224	288	274	283	250	235	227	-	127	363	-496	858	e	8	
9		122	80	427	234	6	54	48	-14	6	-	-	[-84]	-42	-80	19	176	112	202	[456]	467	-120	<-235	<-288	26	-	-	-	-	-	e,r	9	
10		192	<-1176	<-1188	<-581	-88	-256	-176	10	-344	-389	-211	-101	-862	-360	-294	-125	-115	-176	19	-2	32	78	-18	-216	-	<-255	1781	<-2400	>4181	e,t,m,r	10	
11		-131	34	14	-37	-83	0	125	-176	-171	-125	-94	-16	32	189	106	352	414	484	586	570	659	498	304	307	-	158	800	-395	1195	e,r	11	
12		341	413	173	333	94	-6	45	163	289	277	315	384	358	276	176	162	93	-413	-614	-1310	-1003	-384	77	274	-	20	1383	-1848	3211	e,r	12	
13		-288	0	-922	-365	-533	<-1075	<-854	-518	-1133	<-240	<-994	-867	-634	-638	-634	-547	-562	-528	-475	-518	-490	-419	-498	-459	-	<-584	1541	<-2400	>3941	e,r,d	13	
14		-451	-493	-376	-354	-346	-346	-354	<-522	-109	94	-19	-58	-19	93	-19	10	-16	13	90	173	125	283	-45	150	-	<-104	400	<-800	>1200	e,d,m	14	
15		472	484	-312	-208	285	278	509	888	595	448	416	352	346	347	384	429	464	586	682	824	854	498	461	385	-	409	770	-592	1362	e	15	
16		355	278	227	288	365	531	632	602	563	534	477	481	493	426	442	438	544	656	[630]	624	619	570	474	496	488	488	736	195	541	b	16	
17		413	288	288	314	304	368	563	582	530	304	254	224	237	240	240	224	269	306	451	592	608	461	478	435	374	374	693	144	549	b	17	
18		294	256	205	179	234	395	512	602	461	464	416	-355	202	101	480	493	461	341	<-259	0	304	314	229	192	-	<-267	1642	<-2400	>4042	e,r,l	18	
19		202	109	-432	-370	-45	-131	-75	93	192	>147	96	221	352	256	323	344	451	454	384	499	429	317	221	357	-	>183	>800	-1814	>2614	e,r	19	
20		149	-259	-792	-125	-117	62	-576	-437	-	-	-595	-544	-638	-677	-509	-336	-299	-490	-298	182	-672	-823	-403	-322	-	-	-	-	-	-	e,r,m	20
21		-805	-853	-514	-107	-245	-475	83	289	210	304	170	253	136	94	192	-643	213	288	216	59	101	179	147	120	-	-9	1584	-2208	3792	e,r,l	21	
22		149	109	101	-30	-240	-94	-98	43	96	96	168	133	187	112	202	307	322	498	414	258	397	466	352	307	-	176	590	-544	1134	e	22	
23		336	286	246	390	416	480	419	139	272	336	-	[-36]	-141	93	-384	24	210	288	[366]	461	517	659	544	411	-	-	-	-	-	-	e,r	23
24		413	360	334	285	354	130	-8	[-126]	128	-102	-221	-109	163	99	162	384	371	320	77	131	456	238	251	93	-	174	1272	-448	1720	e	24	
25		58	-80	-10	-48	-64	-195	-242	-362	-288	-	-98	-89	16	43	94	128	240	288	53	139	64	3	-51	-125	-	-	-	-	-	-	e,r	25
26		-134	-149	-14	82	-422	<-283	<-792	<-1152	-1075	-528	-93	50	192	208	178	163	163	202	366	467	432	448	-355	78	-	<-52	1648	<-2400	>4046	e,r	26	
27		238	32	109	96	-168	-176	-259	-	-	368	403	336	304	347	320	384	304	<-106	<-206	-16	-64	-298	-62	86	-	-	-	-	-	-	e,r	27
28		134	205	268	334	459	427	307	-18	-51	32	98	-32	-49	-34	80	120	258	194	-104	285	130	128	180	237	-	136	544	-718	1262	e,r	28	
29		187	211	232	250	250	376	331	336	346	370	-	-	192	144	96	326	269	336	442	323	307	368	226	8	-	-	-	-	-	-	e,r	29
30		-312	-403	-595	-744	-581	-590	-264	-288	-48	18	-48	-10	176	445	475	374	307	186	[313]	288	173	-24	193	-362	-	-55	576	-674	1250	e	30	
31		-256	-69	-426	-274	-230	-272	-67	43	368	429	515	342	362	464	528	576	682	710	1008	1402	1157	1200	658	686	-	397	1555	-843	2196	b	31	
A		330	327	234	244	260	368	508	557	431	361	366	302	319	339	378	390	386	445	485	501	518	403	452	404	386							
N		<86	<-17	<-128	<-58	-40	<-46	<-14	<-11	84	110	<40	21	66	86	91	<122	<152	<170	<198	216	<225	<188	<136	80	72							

Septembre - September

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]

1979

TMO - DM

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		990	1152	864	864	706	346	418	588	498	812	392	416	438	302	422	312	336	538	[400]	336	390	331	484	254	-	607	1204	85	1130	e		1
2		61	16	64	125	128	192	[226]	216	224	240	272	256	288	331	368	320	224	272	[400]	464	430	267	256	128	-	210	624	-32	656	e		2
3		58	99	176	168	192	237	91	[224]	201	443	88	-144	-224	-416	-112	-67	-16	243	320	397	336	195	128	24	-	113	544	-768	1299	e		3
4		-112	-208	-268	-448	16	-216	-288	-603	102	<-336	0	638	<-288	<-346	<-125	<-456	<-298	-168	-960	260	-328	-576	-720	-754	-	<-242	1723	<-2400	>4123	e, f, m, r, l		4
5		-544	-28	152	-187	-384	-192	-464	-	-	16	-96	-370	-507	-451	-376	-397	-310	-251	[352]	-352	-256	-141	-32	162	-	-	-	-	-	e, f, m, r		5
6		8	98	38	544	592	280	-72	[-144]	-48	144	221	186	[-24]	-48	-99	-224	37	112	274	32	-118	-37	-352	-534	-	36	728	-752	1478	e, f, m		6
7		-448	-382	-378	-275	-117	-78	224	376	448	373	286	336	208	253	256	416	416	432	630	648	568	547	460	481	-	233	768	-816	1384	e		7
8		443	448	362	451	592	547	656	646	518	384	349	[368]	240	288	278	432	533	(730)	854	1056	912	946	804	912	-	875	1224	196	1029	e		8
9		912	432	628	494	614	720	638	672	592	531	368	307	312	320	238	274	277	307	304	456	432	384	331	288	-	447	1008	180	948	e		9
10		250	208	192	144	48	72	10	80	301	224	98	194	245	202	168	150	69	106	[19]	-222	-381	-283	-205	-261	-	59	980	-494	1464	e, r		10
11		-112	-211	-208	-85	14	35	384	321	317	278	238	264	214	201	326	385	322	90	-323	-320	-285	-219	-228	-54	-	60	480	-498	978	e		11
12		-112	-339	-301	-318	-302	-624	<-624	-498	-96	-86	88	341	416	397	392	-	-	288	280	58	112	208	288	-	-	-	-	-	-	e, r, m		12
13		168	67	38	-35	-48	-6	112	185	112	176	272	192	[208]	203	203	176	62	-261	(-176)	14	-10	-32	-43	-125	-	60	400	-422	822	e		13
14		61	16	-8	22	2	-78	-99	-24	112	280	208	224	240	221	304	389	270	192	84	61	64	128	94	-58	-	112	448	-352	800	e		14
15		-83	-138	-341	-176	-515	-541	-379	-86	312	-84	<-291	-94	101	<80	48	11	4	4	<-536	-368	-382	-416	-232	-	-	-	-	-	-	e, r, wind		15
16		-189	-178	-224	-366	-400	-256	45	190	416	498	4	4	<88	<-88	317	256	484	350	318	328	352	325	609	416	-	-	-	-	-	e, r		16
17		272	210	147	128	150	96	-	-	112	-	336	499	493	368	389	208	64	126	192	270	80	16	64	-	-	-	-	-	-	e, r		17
18		-16	19	-32	96	99	50	102	8	208	592	611	656	608	598	523	450	374	256	222	96	102	125	-38	-176	-	230	785	-302	1087	e, r		18
19		-192	-147	-195	-211	-64	-48	-80	-174	14	101	144	192	128	-	69	168	126	-13	-32	14	-53	-27	-22	-19	-	-14	291	-480	771	e		19
20		27	64	-16	-53	-5	133	-32	101	352	472	310	-	-	228	293	61	144	235	480	336	198	163	64	18	-	-	-	-	-	e, m		20
21		58	70	32	96	158	144	176	68	59	219	112	227	288	86	184	96	-21	-83	-171	-146	-35	-141	-64	-98	-	54	336	-272	608	e, d		21
22		-123	53	13	-96	-332	-338	-528	-464	-332	-256	-128	-123	-224	-187	-74	85	19	-88	-258	-51	-144	-66	-80	-288	-	-187	320	-744	1084	e, d, m		22
23		-288	-290	-192	-448	-277	-291	[-240]	-416	-470	-440	-392	-464	-384	-312	-208	37	-110	-176	-18	67	240	61	155	217	-	-193	562	-864	1426	e, m, d		23
24		82	64	3	487	-240	-208	-400	-318	-180	98	-304	14	98	48	-18	-144	-70	-288	-326	-384	-235	<-672	<-374	-720	-	<-187	2266	<-2400	>4686	e, d, f, m, l		24
25		-317	-624	-639	-	-	112	-490	-936	-912	-816	-600	-432	-364	-608	-610	-408	-661	-616	-578	-456	-432	-437	-523	-720	-	-	-	-	-	e, f, d, r		25
26		-787	-576	-912	-816	-1046	-504	-370	-416	-339	70	13	-34	112	112	99	235	240	-32	-115	-42	11	-10	-32	-96	-	-218	352	-1214	1586	e, r, d		26
27		-50	-158	-118	-189	-270	-307	-203	-131	14	113	238	374	352	446	387	371	198	40	-39	109	48	160	144	88	-	66	517	-448	965	e, f, m		27
28		128	-128	-384	-224	-428	-480	-571	-466	-84	304	456	379	322	341	374	432	389	432	291	488	448	594	328	350	-	139	768	-739	1507	e, r		28
29		912	448	282	379	-38	104	584	522	544	448	416	384	384	384	368	240	13	-288	-87	208	102	48	-	-	-	281	1032	-487	1489	e, m		29
30		98	122	78	43	-205	-576	-	-	-	-	259	259	222	170	288	272	275	730	560	502	483	730	980	782	-	-	-	-	-	e, m		30
A		627	328	408	413	360	328	314	373	392	447	390	359	371	358	342	324	268	382	384	367	439	423	481	453	-	382	-	-	-	-		
M		38	8	-43	3	-47	-50	<-43	-11	112	<180	<122	164	<130	<134	159	<152	<136	121	65	<119	89	<74	<65	13	-	69	-	-	-	-		

Octobre - October

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1979
TMO - GMT

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	-562	416	634	275	272	376	716	179	643	480	338	128	208	261	[368]	-	672	1037	1162	576	422	250	371	214	-	-	-	-	-	-	c,hf	1	
2	48	-179	-112	-93	8	230	-	-	208	192	167	146	144	148	168	200	284	338	451	528	600	480	502	458	-	-	-	-	-	-	-	c,hf	2
3	408	286	243	256	214	216	328	389	307	288	264	243	208	217	248	300	310	425	552	542	458	408	461	485	-	334	598	114	481	-	c,hf	3	
4	336	280	277	234	260	298	291	232	296	312	246	248	208	170	182	232	242	272	288	216	218	192	154	118	239	239	384	100	284	-	c,hf	4	
5	96	88	72	146	192	232	204	79	134	128	112	170	165	212	192	211	220	224	228	272	171	258	128	180	-	172	304	-48	352	-	c	5	
6	137	15	98	108	151	238	130	258	322	296	272	288	286	280	271	308	360	499	[535]	578	569	504	425	336	-	300	600	-87	687	-	b,hf	6	
7	312	308	258	232	256	256	[336]	343	344	322	318	306	319	320	338	343	352	375	[384]	368	344	380	330	288	321	321	400	182	238	-	b,hf	7	
8	199	134	70	37	27	64	130	[160]	288	290	182	88	80	10	96	182	244	271	[280]	240	120	79	112	58	-	139	352	-172	524	-	b,hf	8	
9	40	86	64	48	34	34	113	104	38	138	202	200	186	208	120	138	272	309	[304]	144	-30	-7	11	-22	-	113	378	-111	487	-	b,hf,m	9	
10	-39	-51	-33	-52	-95	-80	-79	-82	-112	43	161	[141]	176	203	264	326	289	334	[350]	290	289	256	186	103	-	117	384	-200	584	-	b,hf,m	10	
11	54	18	15	10	32	120	192	252	352	352	352	336	336	288	288	254	334	408	470	456	350	327	296	302	-	258	502	-24	526	-	b,hf	11	
12	294	287	218	202	176	176	170	184	202	228	192	132	162	24	32	134	192	262	300	264	194	186	170	184	-	187	352	-136	488	-	b,hf	12	
13	173	144	128	144	168	210	314	272	280	240	180	256	192	234	294	308	344	314	331	336	304	264	254	208	-	244	390	-40	430	-	b	13	
14	184	143	64	8	-22	13	87	74	-70	-11	87	110	113	72	88	164	170	198	106	90	22	-30	-11	-8	-	68	231	-130	351	-	c	14	
15	-1	7	-4	-30	-39	-48	-16	[56]	168	221	274	224	148	243	280	312	313	320	274	249	211	112	38	48	-	140	338	-74	412	-	c	15	
16	84	32	25	34	58	68	[58]	88	104	134	61	-4	11	32	25	203	195	205	139	14	24	16	-14	16	-	86	298	-128	414	-	c,m	16	
17	116	128	111	42	128	46	128	152	-172	7	<48	84	-175	-331	-106	115	-120	-132	-204	-62	-142	-425	-427	-403	-	<-69	1152	<-1200	>2352	-	c,m,r,f	17	
18	-448	-427	-446	-451	-408	-336	-336	-312	-298	-208	-98	-50	-22	70	96	64	25	13	40	10	-68	-108	-160	-220	-	-170	152	-521	673	-	c,r	18	
19	-413	-475	-449	-499	-504	-538	-504	-341	-338	-504	-389	-384	-312	-432	-408	-372	-312	-383	-197	-197	-202	-238	-134	-59	-	-387	170	-458	828	-	c,r,d,m	19	
20	-2	32	-211	-184	-139	-142	-180	-163	-178	-8	41	94	80	31	-78	-104	-180	-262	-319	-269	-154	-194	-288	-374	-	-130	330	-461	781	-	c,r,d	20	
21	-278	-235	-176	-158	-216	-171	-144	-322	-157	-134	-38	40	149	153	176	178	163	141	160	86	56	144	-44	32	-	-18	274	-377	651	-	c,d,r	21	
22	54	-64	140	176	430	582	886	-126	58	-151	-221	-29	199	118	-5	136	-113	111	8	23	24	24	50	100	-	91	818	-720	1638	-	c,r,m,d,r,hf	22	
23	90	221	259	176	195	268	288	301	282	194	219	197	200	159	248	341	485	456	336	65	88	74	74	-	230	634	-144	778	-	c,hf	23		
24	111	128	49	40	68	24	136	190	178	192	232	304	360	388	384	432	478	528	504	>388	528	-	600	>384	-	-	-	-	-	-	c,r,hf	24	
25	368	368	328	312	325	306	300	533	703	367	285	245	285	322	368	444	-	[788]	715	672	574	484	314	348	-	-	-	-	-	-	b,hf	25	
26	458	528	413	454	480	461	[420]	[341]	-	-	248	312	318	382	382	461	521	528	[456]	437	537	218	178	139	-	-	-	-	-	-	c,hf	26	
27	177	128	176	162	122	206	296	288	449	413	408	391	408	389	389	475	389	312	432	430	204	88	69	112	-	289	528	-32	560	-	c,hf	27	
28	141	120	85	180	109	48	95	112	182	122	186	208	177	162	180	182	221	192	[201]	278	294	272	242	219	-	175	394	-64	468	-	c,hf	28	
29	190	106	86	72	80	118	162	176	224	216	250	262	264	272	301	334	328	308	328	328	296	248	208	192	-	222	368	86	312	-	c,hf	29	
30	169	122	184	192	195	184	162	184	162	112	110	131	111	108	124	142	134	216	-	-	238	215	246	184	-	-	-	-	-	-	c	30	
31	128	124	112	112	98	152	184	130	72	-24	-8	43	64	122	136	114	176	181	210	184	192	172	124	88	-	120	328	-64	390	-	c	31	
A	240	217	227	207	211	230	265	244	305	268	247	241	239	253	268	284	323	384	405	>393	356	290	295	>264	>281	-	-	-	-	-	-	-	
N	81	88	88	70	85	118	158	130	152	144	<148	187	159	155	170	214	228	285	297	>259	210	154	144	>122	159	-	-	-	-	-	-	-	

	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	X	Max.	Min.	Ampl.	Indication of weather	Date	
1	101	17	-8	-53	-70	14	17	4	96	-77	-57	74	168	209	224	224	216	246	328	312	311	359	376	330	-	145	381	-131	516	c,hf	1	
2	324	263	237	256	280	324	311	314	304	254	214	216	216	203	226	270	250	253	275	236	256	278	253	251	-	265	373	168	205	a	2	
3	264	260	136	31	39	24	45	124	-	-	326	[335]	344	315	349	432	514	617	360	570	641	563	183	271	-	-	-	-	-	b,hf	3	
4	190	203	274	56	-99	-122	-133	-92	-134	-134	24	254	194	71	-168	-160	-141	-	-	-170	-101	-203	-181	-210	-	-	-	-	-	c,hf	4	
5	-192	-177	-167	-150	-160	-208	-216	-120	-151	-163	-163	-134	-110	-211	-475	-547	-581	-512	-512	-514	-542	-155	-264	-167	-	<-265	1124	<-1200	>2326	c,r	5	
6	-170	-33	-51	-40	-155	-152	-210	-167	-142	-84	86	110	158	111	17	-54	16	-72	-72	-98	-152	-175	-181	-146	-	-67	229	-499	637	c,r	6	
7	-173	-77	-161	-144	-188	-180	-192	-168	-237	-48	148	232	273	<-58	-31	156	129	21	-71	26	<-161	-58	-179	-144	-	<-51	1128	<-1700	>2329	c,r,g	7	
8	-96	-248	-111	-26	-12	-70	-142	<-24	<-118	<-96	<-250	<-235	<-309	-631	-955	-926	-523	-261	-210	-75	6	73	6	-11	-	<-190	1140	<-1260	>2340	c,r,g,w,f	8	
9	-7	-104	-40	-50	26	<-96	<-270	-202	<-328	<-359	2	-152	-32	-84	-114	-88	-8	86	90	50	40	-8	-	-	-	-	-	-	-	c,r,n,wind	9	
10	-38	-51	-79	-21	40	88	126	7	26	41	144	146	125	150	144	146	98	50	50	120	42	-24	81	119	-	65	237	-171	408	c,m,f	10	
11	-13	-88	8	11	66	-134	[-137]	-114	-230	-221	-300	-412	-156	-400	-398	-420	-206	-293	-328	-17	-21	53	-173	-71	-	-165	248	-1176	1421	c,r,f,m	11	
12	-112	62	-104	-86	-12	-66	121	-231	-248	-65	15	-59	75	99	-14	79	254	-14	-30	84	12	-269	-209	-168	-	-39	370	-509	870	c,f,m,s	12	
13	-98	-146	-127	-44	-112	-35	-2	-31	-26	-39	70	74	64	89	46	-12	-93	-114	-72	-264	-389	-	-194	[-336]	-	-	-	-	-	-	c,m,r	13
14	-264	-251	-110	24	162	253	432	-	-	326	326	365	360	280	189	162	181	152	-211	-226	-221	-72	-130	-230	-	-	-	-	-	-	c,r	14
15	-417	-216	-192	-38	-168	-326	-211	29	-114	-72	24	178	248	350	408	359	371	410	306	264	296	328	300	260	-	99	437	-1176	1613	c,r	15	
16	289	168	-19	144	245	312	336	312	314	248	88	86	84	-108	<-72	<-205	58	60	-10	19	24	145	355	218	-	<151	1128	<-1200	>2328	c,r	16	
17	-32	38	104	-229	-268	-336	<-984	<-739	-173	-72	-194	[12]	38	228	280	-230	-369	-252	-31	148	432	-53	106	168	-	<-94	456	<-1200	>1656	c,r,f	17	
18	284	-331	248	>368	>364	>200	-104	-14	-80	-192	-224	[-76]	44	136	198	232	231	201	216	232	216	208	176	160	-	>112	>400	-612	>1012	c,r,f,m	18	
19	144	112	104	100	112	144	[168]	183	192	200	240	191	182	153	131	148	163	195	170	160	149	163	136	62	-	153	244	-16	360	c,d	19	
20	89	76	114	122	134	112	-16	14	72	135	145	138	147	216	89	143	168	155	162	58	15	31	126	32	-	103	272	-128	400	c,d	20	
21	108	128	89	59	126	150	196	143	408	271	283	90	-100	-98	-18	70	195	5	171	138	408	139	353	288	-	150	504	-230	734	c,d,m	21	
22	108	21	-32	-168	-68	9	107	379	293	94	217	353	336	169	194	285	204	182	264	222	171	72	104	-	-	100	528	-291	819	c,d,r	22	
23	18	68	30	-21	32	190	224	234	47	150	68	114	156	254	286	200	128	216	206	112	128	115	162	198	-	137	360	-106	466	c,r,d	23	
24	284	281	266	266	226	216	168	185	84	96	58	36	32	-40	-72	-66	-72	-96	-41	-60	-32	-53	-168	-99	-	54	335	-264	598	c,d	24	
25	-163	-138	-187	-133	-112	-53	44	80	60	-8	-21	-11	-9	97	270	228	219	[260]	280	238	102	144	41	77	-	88	345	-312	857	c,d,m	25	
26	128	20	-142	-30	-144	-82	-68	-94	-48	38	83	58	48	-18	-46	-82	-30	47	123	288	354	-96	-446	-288	-	-19	368	-1088	1436	c,hf,r	26	
27	-374	-60	-278	-150	88	168	238	304	296	274	231	160	224	222	150	139	98	94	30	13	-13	-38	-74	-	-	70	336	-415	751	c,r,wind	27	
28	-102	-72	7	77	-118	-128	-16	34	163	210	192	[208]	142	46	-43	-69	-58	-144	0	72	42	72	64	-37	-	20	264	-251	518	c,d	28	
29	-144	-162	-120	-128	-152	-112	-216	-200	-144	48	48	91	-194	-384	-480	-504	-506	-442	-389	-480	-381	-152	284	302	-	-190	375	-696	1071	c,d,r,m,f	29	
30	289	238	284	184	186	114	83	-194	24	-240	-485	-634	-352	-432	-468	-460	-355	-312	31	273	19	-40	-144	-194	-	-104	466	-980	1416	c,r,m	30	
A	260	249	237	256	280	324	344	221	304	254	228	227	225	254	300	338	368	423	349	340	399	400	257	267	299							
M	8	-14	-2	>1	10	7	<1	<2	<12	<32	<32	<69	<62	<31	<-1	<-2	24	28	49	64	<62	42	19	23	24							

Décembre - December

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]

1970

TIME - COUT

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		-214	-284	-312	-336	-352	-360	-406	-380	-380	-	[-360]	-230	-168	-146	<-127	-379	-336	-233	-331	-194	-180	-84	-13	-86	-	-	-	-	-	-	e, r	1
2		-282	-268	-254	-19	44	-11	-154	-185	31	160	280	284	168	170	182	184	200	154	192	250	187	107	32	16	-	-	56	319	-552	871	e, r	2
3		47	89	91	108	113	184	154	194	264	301	306	334	330	293	258	282	283	277	301	301	197	157	42	69	-	-	202	368	-78	446	e, r	3
4		-88	43	-16	18	30	56	44	6	<-12	<-149	-164	-54	-16	32	-41	104	250	296	272	295	251	210	62	70	-	-	<51	1147	<-1200	>2347	e, r	4
5		-25	-129	-283	-365	-272	-162	[-175]	-329	-48	305	432	360	403	504	533	504	451	[432]	408	310	174	-224	-10	46	-	-	122	566	-576	1142	e, hf, r, wind	5
6		-194	-385	-11	102	112	168	225	298	257	248	264	266	293	278	272	240	216	205	202	286	248	74	38	-17	-	-	155	688	-936	1022	e, r, wind	6
7		-62	-16	-38	-18	19	88	112	90	24	73	14	48	[70]	144	45	-236	-310	-158	67	-24	-168	-130	-88	-86	-	-	-22	378	-394	970	e, r	7
8		84	118	159	178	89	138	216	34	29	310	340	269	370	311	274	226	194	238	10	-197	-161	-672	-698	-545	-	-	55	576	-1032	1606	e, hf, m, f, r	8
9		-175	-166	-248	63	213	170	94	-	-	-	220	204	146	-163	-53	-264	<-257	<-979	<-354	<-100	-516	<-399	<-400	-643	-	-	-	-	-	-	e, d, m, f	9
10		<-400	-643	<-400	-581	<-392	-280	[-286]	-276	-310	-449	-538	-470	<-324	<-274	<-339	-480	-557	4, 26	<-416	<-192	-134	<-115	-96	-	-	-	-	-	-	-	e, r	10
11		-281	-122	-32	-11	24	106	144	144	162	161	170	-31	-338	<-402	<-432	-336	<-108	<-300	-110	-98	-204	-384	-199	162	-	-	<-112	1121	<-1200	>2321	e, r, m	11
12		43	192	69	37	67	-18	-17	-210	128	157	154	141	229	262	268	320	336	451	490	518	528	504	413	350	-	-	225	582	-816	1366	e, s	12
13		330	278	276	312	288	437	68	-72	-65	257	554	538	386	576	552	852	858	532	41	137	-72	413	605	506	-	-	359	984	-912	1896	b, hf, m	13
14		187	-211	-22	24	314	336	324	285	350	185	160	112	138	168	65	48	152	306	336	330	303	298	230	192	-	-	192	456	-540	990	e, hf, m	14
15		232	268	0	84	79	288	264	56	46	128	[64]	-	[-10]	-10	-90	-	-151	[-126]	-77	-232	-219	-270	-228	-216	-	-	-	-	-	-	e, s	15
16		-280	-198	-311	-265	-205	-130	-43	22	74	72	52	198	152	144	41	-38	-24	80	206	97	80	-91	32	104	-	-	-10	302	-385	667	e, s, r	16
17		56	72	104	89	74	-18	-43	-99	64	173	178	192	118	86	62	110	214	39	152	256	163	128	-324	<-372	-	-	<64	1104	<-1200	>2304	e, r	17
18		-163	-163	72	-58	-164	-288	-379	-312	-444	55	290	408	432	432	137	106	413	415	<276	72	251	293	272	358	-	-	<117	1152	<-1200	>2352	e, r	18
19		142	160	210	178	90	116	190	200	242	222	192	264	254	264	334	240	200	155	164	216	262	195	-94	-192	-	-	176	400	-392	792	e, r	19
20		-107	-16	-40	40	14	58	246	248	336	378	-90	-	-114	407	-70	89	-176	[-159]	-210	-65	-143	-151	-165	-192	-	-	-	-	-	-	e, hf, r	20
21		-307	-96	21	96	136	238	223	285	408	[322]	336	355	192	336	394	151	307	168	63	8	43	-11	-63	77	-	-	167	480	-600	1080	e, r	21
22		118	-24	-12	-32	-128	-106	-112	[-181]	-150	-46	162	192	224	216	92	15	21	-7	-35	27	15	58	-21	59	-	-	14	320	-322	842	e, d	22
23		62	70	58	55	56	20	96	58	107	136	198	211	224	218	192	174	150	117	128	96	80	120	72	74	-	-	116	264	-30	294	e	23
24		88	56	91	66	27	26	[29]	69	85	72	72	56	99	133	-2	-21	-2	-23	-48	56	64	96	102	84	-	-	55	262	-134	376	e, r, d	24
25		98	150	224	112	75	19	8	24	-16	-6	-38	[-20]	-107	-96	-50	-11	-10	-127	-80	-27	-25	-33	-80	72	-	-	1	278	-216	304	e, d	25
26		48	-176	251	110	128	254	-67	-360	-136	-32	-48	168	-64	-82	93	-157	-126	96	230	370	62	-19	269	102	-	-	13	617	-720	1317	e, f, m	26
27		216	370	384	176	-210	-14	176	136	102	102	30	136	14	-12	208	208	186	210	197	221	200	94	176	70	-	-	144	571	-363	934	e	27
28		-16	18	11	22	24	73	152	100	208	306	408	132	468	180	128	316	103	456	605	528	103	105	310	508	-	-	266	624	-94	186	c	28
29		310	303	285	280	242	378	288	760	408	394	102	306	278	310	204	278	328	319	364	336	122	119	258	-	-	317	473	96	377	e, hf, s	29	
30		528	504	460	216	56	-30	-43	-19	-63	-72	-77	[-91]	-113	-128	-160	-180	-150	-183	-91	-93	-176	-156	-78	-57	-	-	-10	1014	-536	1916	e, s	30
31		-88	-72	-32	-81	-62	-86	-62	[23]	104	190	218	261	178	208	168	56	21	-105	[-110]	-115	-49	37	-58	-114	-	-	16	272	-100	862	e	31
A		320	290	282	312	294	437	223	200	239	252	321	318	303	184	362	377	287	315	157	311	333	332	342	324	-	311	-	-	-	-	-	-
N		<-6	-7	<25	21	<29	55	40	9	<62	<128	132	167	<139	<144	<115	99	<94	<66	<91	96	61	<26	<6	<19	-	62	-	-	-	-	-	-

Janvier - January

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

1979

T1 Or - CMT

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	2.8	2.8	2.8	3.1	3.8	3.8	3.7	3.3	3.0	2.6	2.3	1.9	1.9	1.9	2.2	1.8	1.8	1.8	1.3	0.7	1.0	1.3	1.3	1.4	-	2.2	4.9	0.6	4.3	e,s	1		
2	1.4	1.3	1.8	1.4	1.3	1.1	1.0	0.8	0.6	0.6	0.7	2.1	2.3	2.3	2.2	2.0	1.9	1.8	1.7	2.1	2.3	2.0	1.8	2.8	-	1.6	3.7	0.4	3.3	e,s	2		
3	2.4	2.7	2.4	2.6	2.4	2.6	2.4	2.6	2.3	2.2	2.1	2.0	2.0	3.0	1.9	1.8	1.8	1.8	1.8	1.7	1.5	1.7	1.7	1.3	-	2.1	5.0	1.0	4.0	e,s	3		
4	1.4	1.7	2.4	1.7	1.4	1.4	1.4	1.2	1.3	1.3	1.1	0.9	0.9	0.9	0.9	0.8	0.8	0.9	-	-	-	-	-	-	-	-	-	-	-	-	e,s	4	
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	1.8	2.7	2.7	1.6	1.3	1.8	1.9	1.4	1.3	-	-	-	-	-	-	e,s	5	
6	2.7	1.7	1.8	2.0	1.8	2.1	1.8	1.2	1.4	-	-	1.4	1.3	1.1	1.0	1.0	0.9	0.9	0.8	0.9	1.0	1.0	1.1	1.1	-	-	-	-	-	-	e,s,e	6	
7	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.3	1.0	0.7	0.6	0.7	0.9	1.1	1.3	1.2	1.8	-	-	-	-	-	-	e,s	7	
8	-	-	-	-	-	-	3.4	2.7	2.3	2.1	2.1	2.1	2.0	1.9	1.7	1.8	1.8	2.1	2.8	2.2	2.4	2.6	2.7	2.7	-	-	-	-	-	-	-	e,s	8
9	2.8	2.7	2.4	2.4	2.7	2.1	2.3	1.7	1.8	1.8	1.8	1.6	1.3	1.1	1.1	1.0	1.8	2.0	1.7	1.6	2.1	2.3	2.3	2.4	-	1.9	3.0	0.9	2.1	e,r,g,d,s,m	9		
10	2.3	2.3	2.3	2.4	2.1	2.2	1.8	1.8	1.8	2.1	2.1	2.0	1.7	1.7	1.7	2.0	1.8	1.7	1.5	1.2	0.7	0.6	0.6	0.8	-	1.7	2.6	0.5	2.1	e,s	10		
11	1.4	1.8	1.7	2.1	2.1	2.1	1.8	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.9	1.4	1.4	1.3	1.1	1.3	1.5	1.9	2.6	2.8	-	1.7	3.2	0.9	2.3	e,s,r	11		
12	2.4	2.5	2.7	2.5	2.0	1.7	1.9	1.8	1.1	1.6	-	1.8	1.7	1.4	0.9	0.5	0.8	0.6	0.7	0.7	0.9	0.9	0.8	1.1	-	-	-	-	-	-	e,s	12	
13	1.3	1.2	1.2	1.3	1.2	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.6	-	0.8	1.4	0.3	1.1	e,hf	13		
14	0.6	0.7	0.9	0.8	0.9	0.8	0.9	0.8	0.6	0.6	0.7	0.7	-	-	-	-	-	-	-	1.8	1.8	2.1	2.3	2.8	-	-	-	-	-	-	e,hf,s	14	
15	2.8	3.1	2.8	3.1	2.7	2.1	1.3	-	-	1.2	1.3	2.0	2.3	1.8	1.3	1.2	2.0	1.9	1.7	1.6	1.7	2.0	2.2	2.8	-	-	-	-	-	-	e,s	15	
16	2.8	3.1	3.8	4.2	4.1	4.2	3.7	3.3	2.7	2.1	1.8	1.9	2.3	2.3	2.1	2.0	1.8	1.9	1.9	2.0	2.1	2.2	2.2	2.3	-	2.8	4.5	1.4	3.1	e,s	16		
17	2.8	2.8	2.8	2.8	2.5	2.2	1.6	1.6	1.4	1.4	1.8	1.6	1.4	1.2	1.1	0.9	1.0	0.8	0.9	1.4	1.5	1.6	1.7	1.9	-	1.7	3.3	0.7	2.6	e,s	17		
18	2.1	2.1	2.1	2.2	2.3	2.1	2.0	1.4	1.2	1.2	1.8	2.2	2.0	1.7	1.3	1.1	1.4	1.7	1.9	1.8	1.6	1.8	1.8	2.4	-	1.6	3.1	0.9	2.2	e	18		
19	2.8	2.8	2.8	2.1	2.0	1.7	1.6	1.8	1.4	1.4	1.4	1.3	1.4	-	1.8	1.3	1.4	1.8	1.7	1.8	1.8	1.8	2.1	2.4	-	-	-	-	-	-	e,s	19	
20	2.5	2.8	2.8	2.0	2.8	2.1	2.1	1.8	1.8	1.8	2.0	1.9	2.0	1.8	1.3	1.2	1.2	1.5	1.4	1.2	1.0	1.0	1.1	1.2	-	1.6	3.8	0.9	2.9	e,s	20		
21	1.3	1.8	1.3	1.6	1.8	1.8	1.8	1.8	1.4	1.2	1.4	1.3	1.0	1.0	0.9	0.8	0.9	1.1	1.2	1.3	1.4	1.4	1.5	1.7	-	1.3	2.8	0.7	1.8	e,s	21		
22	2.0	2.0	1.9	1.8	1.8	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.2	1.3	1.1	-	1.4	2.3	0.7	1.8	e,s,e	22		
23	1.1	1.8	1.8	1.8	1.3	1.4	1.4	1.2	1.3	1.4	1.3	1.2	1.1	1.1	0.9	0.9	0.9	1.0	1.0	1.2	1.1	1.2	1.2	1.3	-	1.2	1.9	0.7	1.2	e,s	23		
24	1.8	1.7	1.8	1.8	1.8	2.3	2.8	2.0	1.4	1.2	1.2	1.4	1.3	1.4	1.3	1.3	1.1	1.0	0.8	0.8	0.8	1.3	1.5	1.6	-	1.4	3.2	0.7	2.5	e,s,e	24		
25	1.8	2.1	2.4	2.5	2.4	2.2	1.9	1.8	1.7	1.6	1.6	1.8	1.8	1.9	1.8	1.3	0.7	0.8	0.8	0.7	0.6	0.7	0.9	1.0	-	1.5	3.4	0.5	2.9	e,s	25		
26	1.1	1.2	1.1	1.2	1.0	1.0	1.1	1.1	1.0	1.2	1.3	1.3	1.3	1.2	1.1	0.9	1.0	1.0	0.9	1.1	1.2	1.2	1.2	1.2	-	1.1	1.6	0.6	1.0	e	26		
27	1.0	1.0	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	1.0	1.0	1.2	1.0	0.8	0.7	0.6	0.6	0.7	0.7	0.9	0.9	1.1	1.2	-	1.0	1.4	0.5	0.9	e,s,m	27		
28	1.8	1.8	1.8	2.2	2.2	1.8	1.7	1.7	1.2	1.1	1.1	0.9	1.1	1.2	1.4	1.4	1.5	2.1	2.2	2.3	2.3	2.3	2.9	2.9	-	1.6	3.5	0.7	2.6	e,s,m,r,s	28		
29	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.1	1.8	1.8	1.7	1.7	1.7	1.4	1.2	0.9	1.1	1.1	1.1	1.1	1.1	1.2	1.4	1.5	-	1.6	3.3	0.6	2.7	e,s,r,s	29		
30	1.7	1.8	2.0	2.6	2.3	2.1	2.1	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e,s	30	
31	-	-	-	-	-	-	-	2.2	1.8	1.8	1.8	1.8	1.7	1.5	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-	-	-	-	-	-	-	e,s	31
A	1.8	1.5	1.4	1.8	1.3	1.0	1.0	0.8	0.8	0.8	1.0	1.3	1.5	1.3	1.0	0.7	-	-	1.2	-	1.8	1.5	1.7	1.8	-	1.3	-	-	-	-	-	1.3	
M	1.9	2.0	2.1	2.1	2.0	1.9	1.8	1.7	1.5	1.5	1.3	1.5	1.6	1.5	1.4	1.2	1.3	1.4	1.3	1.3	1.4	1.5	1.6	1.7	-	1.0	-	-	-	-	-	1.0	

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

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

Février - February

CONDUCTIBILITÉ D'AIR (POSITIVE) $\times 10^{-18} [Q^{-1} m^{-1}]$
 AIR CONDUCTIVITY (POSITIVE) $\times 10^{-18} [Q^{-1} m^{-1}]$

1979

TMO - GMT

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	2.7	2.2	2.6	2.5	2.3	2.2	[2.1]	-	2.1	[1.5]	1.1	[1.3]	1.2	1.3	1.4	1.4	1.4	1.2	1.2	1.3	1.4	1.5	1.3	1.1	-	-	-	-	-	-	o,s	1	
2	1.2	1.2	1.4	1.7	1.9	1.8	1.8	1.4	1.2	1.2	1.3	1.5	1.5	1.4	1.5	1.5	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.7	-	1.3	2.3	1.0	1.3	-	o,s,r	2	
3	1.9	2.3	2.5	3.0	3.0	3.3	3.1	2.2	2.7	2.6	2.1	2.5	2.3	2.4	2.0	1.7	1.8	1.2	1.3	1.5	1.7	2.0	1.7	2.3	-	3.2	4.3	0.9	7.4	-	o,r	3	
4	2.3	2.2	2.1	2.2	2.4	2.2	-	2.0	1.5	1.8	2.4	[2.2]	-	2.0	1.8	2.0	2.1	1.7	1.0	0.8	0.8	0.8	0.7	0.7	-	-	-	-	-	-	o,s	4	
5	0.8	1.1	1.3	1.4	1.2	0.9	0.9	0.7	0.7	1.0	1.1	1.1	-	-	1.1	0.9	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.8	-	-	-	-	-	-	o,bf	5	
6	0.7	0.8	0.8	0.6	0.6	0.8	1.0	1.4	1.1	0.8	0.7	0.9	[0.6]	0.8	0.8	0.8	0.8	1.0	1.2	1.0	0.9	0.9	1.0	0.9	-	-	0.9	1.7	0.3	1.4	-	o,s,s,m	6
7	0.9	1.0	1.2	1.3	1.3	1.4	1.4	1.2	1.0	0.9	1.5	2.7	2.8	(2.8)	2.2	1.5	0.8	0.7	0.7	0.9	1.0	1.3	1.4	1.7	-	1.4	4.1	0.6	3.6	-	o	7	
8	2.0	1.8	1.7	1.6	1.8	1.8	1.7	1.5	1.4	1.6	-	-	-	-	(2.0)	1.3	1.3	1.9	2.0	2.0	-	-	-	-	-	-	-	-	-	-	o,s,g	8	
9	-	-	-	-	-	-	-	[2.4]	2.2	2.3	1.8	1.7	1.5	1.5	1.6	1.4	1.4	1.5	1.4	1.5	1.4	1.3	1.3	1.2	-	-	-	-	-	-	-	o,s	9
10	(1.4)	1.2	0.8	0.8	0.7	0.8	0.8	0.5	0.7	1.0	1.0	1.1	1.0	[1.1]	0.9	0.8	0.7	0.5	0.5	0.5	0.5	0.5	0.3	0.4	-	-	0.6	2.6	0.2	2.4	-	o,s	10
11	0.5	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.9	0.8	1.0	1.1	1.1	1.1	1.1	0.9	0.7	0.6	0.5	0.3	0.3	0.3	0.4	0.5	-	0.7	1.4	0.3	1.1	-	b,bf	11	
12	0.5	0.5	0.7	1.0	1.0	1.0	1.1	1.1	1.2	[1.4]	1.3	1.5	1.5	1.5	2.0	2.0	1.7	[1.5]	1.5	1.5	1.5	1.7	1.9	2.2	-	1.4	2.7	0.4	2.3	-	o,bf,g	12	
13	2.3	2.4	2.3	2.2	2.3	2.2	2.2	2.1	2.1	1.8	1.8	1.9	1.8	1.8	1.9	-	[0.8]	0.6	0.5	0.5	0.3	0.4	0.4	0.7	-	-	-	-	-	-	o,s	13	
14	-	1.1	1.5	1.7	1.1	1.3	1.4	1.7	2.4	2.0	2.0	2.3	3.2	3.3	1.4	1.5	1.3	1.4	[1.3]	1.3	1.3	1.3	1.6	1.3	-	-	-	-	-	-	o,s	14	
15	1.2	1.3	1.3	1.0	1.3	1.5	1.3	1.3	[1.3]	1.3	1.5	1.6	1.5	1.4	2.1	2.1	2.6	2.6	2.1	2.7	2.4	2.2	2.4	2.3	-	1.6	1.7	0.6	7.9	-	o,s,g	15	
16	2.7	3.2	2.7	2.1	2.0	2.0	2.0	2.0	2.3	2.6	2.0	(2.0)	1.7	1.8	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.8	2.0	2.2	-	2.0	0.2	1.3	7.0	-	o,s,wind	16	
17	2.5	2.7	3.0	2.8	2.6	2.5	2.4	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,s,wind	17
18	-	-	-	-	-	-	-	-	-	-	-	2.0	1.8	1.8	2.0	2.1	-	-	[1.8]	2.0	2.2	2.3	2.3	2.6	-	-	-	-	-	-	-	o,s	18
19	2.7	2.9	2.9	2.7	2.7	2.2	1.7	1.8	1.7	1.6	1.6	[1.6]	1.4	1.7	1.7	1.3	1.3	1.5	1.4	1.5	1.6	1.6	1.6	1.8	-	1.9	3.2	1.1	2.1	-	o	19	
20	1.7	1.3	1.5	1.5	1.3	1.2	1.2	1.5	1.7	1.8	1.7	1.7	1.7	1.7	1.6	1.2	1.1	1.2	1.3	1.3	1.5	1.6	1.6	1.7	-	1.5	2.2	1.0	1.2	-	o,s	20	
21	1.7	1.5	1.5	1.6	1.4	1.2	1.1	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.4	1.0	0.9	0.9	0.8	1.0	0.9	0.9	0.9	0.9	-	1.2	1.2	2.2	0.5	1.7	-	o	21
22	0.9	1.2	1.5	1.2	0.9	0.9	0.9	0.9	[1.4]	1.5	1.5	1.5	[1.6]	1.4	1.1	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.1	1.1	-	1.1	1.1	1.5	0.5	1.3	-	o,bf	22
23	1.0	1.2	1.2	1.1	1.0	0.8	0.8	0.9	1.2	1.2	1.2	1.2	1.1	1.2	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.7	0.8	1.0	-	1.0	1.0	1.7	0.6	1.1	-	b,bf	23
24	0.9	1.0	1.2	1.1	0.9	0.8	0.8	0.7	0.9	1.1	1.1	-	1.2	1.2	1.1	1.0	0.8	0.6	0.7	0.7	0.8	0.8	0.9	0.9	-	-	-	-	-	-	o,bf	24	
25	0.9	0.9	0.9	0.8	0.8	0.9	0.8	0.9	1.0	1.1	1.2	1.5	1.5	1.6	1.4	1.3	0.9	0.9	0.9	0.8	0.7	0.7	0.8	0.7	-	1.0	2.2	0.6	1.6	-	o,s,s,m	25	
26	0.7	0.8	0.7	0.9	0.8	0.8	0.9	0.7	0.8	1.0	1.1	1.4	1.3	1.3	1.1	1.3	1.1	0.8	0.8	0.6	0.6	0.6	0.7	0.8	-	-	0.9	1.7	0.2	1.3	-	o,s,m	26
27	0.8	0.8	0.9	0.9	0.9	0.7	0.7	0.8	-	1.4	1.2	1.2	1.2	1.4	[1.4]	1.3	0.9	0.8	0.8	0.7	0.7	0.7	0.8	0.9	-	-	-	-	-	-	b,bf	27	
28	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.0	1.0	1.1	1.2	1.2	1.6	1.2	1.2	0.9	1.1	1.2	1.3	1.3	1.7	1.8	1.8	-	1.2	2.4	0.7	1.7	-	o,bf	28	
A	1.2	1.1	1.2	1.2	1.3	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.2	1.0	1.0	1.0	1.1	1.2	1.3	1.2	1.3	-	1.2	-	-	-	-	-	
N	1.4	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.3	1.3	-	1.4	-	-	-	-	-	

Mars - March

CONDUCTIBILITÉ D'AIR (POSITIVE) $\times 10^{-15} \left[\frac{Q^{-1} m^{-1}}{Q^{-1} m^{-1}} \right]$
 AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15} \left[\frac{Q^{-1} m^{-1}}{Q^{-1} m^{-1}} \right]$

1979

TMO - GAT

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	1.8	1.8	1.6	1.7	1.4	1.2	1.1	1.4	(2.1)	2.4	2.6	2.3	2.1	2.2	1.8	1.7	1.1	1.1	1.2	2.0	2.2	1.9	2.2	1.9	-	1.6	3.1	0.8	2.3	e,s	1		
2	1.8	1.8	2.0	2.0	1.8	1.4	1.3	1.2	1.2	1.2	1.2	1.7	1.7	1.6	1.5	1.2	0.8	0.7	0.8	0.6	0.7	0.7	0.6	0.6	-	1.2	2.3	0.3	2.0	e,m	2		
3	0.9	0.9	1.1	1.2	1.3	1.5	1.7	1.7	1.8	1.8	1.5	1.7	1.7	1.7	1.3	1.3	1.2	0.9	1.0	1.0	1.0	0.9	1.0	1.1	-	1.3	2.1	0.7	1.4	e,r	3		
4	1.1	1.0	1.2	1.5	1.6	1.8	1.9	1.9	2.0	2.2	2.1	1.9	1.6	1.5	1.4	1.6	1.5	1.4	1.4	1.5	1.3	1.3	1.1	1.2	-	1.5	2.6	0.9	1.7	e,r	4		
5	1.0	1.2	1.2	1.0	0.9	0.9	1.5	1.8	1.9	1.9	1.9	1.8	1.6	1.9	2.0	1.7	1.8	1.3	0.9	0.8	0.7	0.8	0.5	0.5	(0.9)	-	1.2	3.3	0.4	2.9	e,r,m	5	
6	-	1.1	1.1	1.3	1.4	1.7	1.3	1.3	1.5	1.9	1.8	1.5	1.5	1.7	1.4	1.4	0.9	0.8	1.0	1.1	1.2	1.2	1.5	1.6	-	-	-	-	-	e,m,s,d	6		
7	1.9	2.4	2.4	2.2	2.4	2.5	2.1	2.0	2.0	2.0	1.9	2.0	1.9	1.8	1.6	1.3	1.2	1.3	1.5	1.5	1.5	1.5	1.6	1.7	-	1.6	2.9	1.1	1.8	e,d,r	7		
8	1.6	1.4	1.5	1.3	1.2	1.1	0.9	0.7	0.8	(1.0)	1.0	1.0	1.3	1.3	1.3	-	(0.6)	0.6	0.5	0.5	0.6	0.8	0.8	1.2	1.5	-	-	-	-	-	e,r,m,f	8	
9	1.4	1.5	1.6	1.3	1.1	1.1	1.0	1.6	1.9	1.7	1.8	1.8	1.8	1.5	1.6	1.2	1.0	1.0	1.3	1.4	1.8	2.0	2.0	2.2	-	1.3	2.4	0.6	1.8	e	9		
10	2.2	2.6	2.6	2.5	2.3	2.1	2.0	1.9	1.6	1.1	1.6	1.5	1.5	1.6	1.5	1.1	1.1	1.3	1.3	1.5	1.4	1.5	1.9	1.6	-	1.7	2.9	0.9	2.0	e,s,r	10		
11	1.6	1.7	1.9	1.8	1.5	1.6	1.4	1.6	1.6	1.4	1.4	1.5	1.1	1.8	1.6	0.9	1.1	0.7	0.6	0.6	0.8	0.9	1.2	1.6	-	1.3	3.7	0.5	3.2	e,s	11		
12	-	-	-	1.0	1.0	(1.0)	1.1	1.2	1.2	1.5	1.6	1.5	1.2	1.1	1.3	1.5	1.2	1.0	0.9	1.4	1.9	2.0	1.9	1.8	-	-	-	-	-	-	e,s,r,m	12	
13	2.4	2.1	1.4	2.1	2.3	2.1	1.2	1.8	1.7	1.3	1.6	1.6	1.5	1.5	1.7	1.7	1.6	1.6	1.4	1.7	1.5	1.6	1.6	2.0	-	1.7	3.1	0.8	2.3	e,s,r	13		
14	2.3	2.1	2.4	2.4	2.0	2.1	1.8	1.9	2.4	2.7	2.3	2.0	2.0	2.2	2.1	2.1	1.8	1.6	1.3	1.0	1.1	1.4	1.4	1.6	-	1.0	3.6	0.8	2.6	e,r	14		
15	1.7	2.3	3.2	2.9	2.9	1.2	1.2	2.0	3.4	3.5	3.4	(2.7)	2.8	(5.1)	0.1	2.7	2.0	1.8	2.2	2.3	2.4	2.9	3.3	3.2	-	2.6	3.2	0.9	4.0	e	15		
16	2.6	2.6	3.0	2.9	2.6	2.3	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.4	1.3	1.3	1.1	1.3	1.3	1.3	1.7	1.7	1.7	-	1.6	3.4	1.0	2.4	e,r,d	16		
17	(1.6)	-	-	-	1.3	1.5	(1.5)	1.6	1.4	1.4	1.3	1.6	1.8	2.0	2.0	1.8	2.1	2.0	2.3	2.4	2.6	3.0	3.5	3.6	-	-	-	-	-	-	e,d,r,s,m	17	
18	3.5	3.2	3.0	3.3	3.3	3.8	3.8	2.6	2.6	3.9	2.8	2.8	(5.2)	2.0	(2.3)	1.9	1.6	1.2	1.0	1.4	1.5	1.6	2.1	2.1	-	2.5	8.1	0.8	7.3	e,s	18		
19	2.0	2.0	2.1	2.1	1.8	1.4	1.5	1.8	1.8	2.1	1.9	2.0	1.8	-	1.6	1.0	0.8	1.0	0.8	1.0	1.2	1.2	1.4	1.3	-	-	-	-	-	-	e,s	19	
20	1.3	1.1	1.1	1.3	1.2	1.4	1.6	1.5	1.4	1.6	1.6	1.7	1.7	1.9	1.5	1.3	1.4	1.3	1.2	1.3	1.4	1.3	1.3	1.3	-	1.4	2.4	0.9	1.5	e,s	20		
21	1.4	1.6	2.0	2.0	1.4	1.3	1.3	1.5	1.4	1.3	1.6	2.0	-	2.4	2.5	2.5	2.3	1.0	0.6	0.6	0.5	0.6	1.1	1.4	-	-	-	-	-	-	e,m,r	21	
22	1.2	1.0	1.2	1.3	1.0	1.0	1.4	1.4	1.7	1.8	2.1	-	2.1	1.7	1.7	1.8	1.6	1.3	1.2	1.3	1.1	1.0	1.0	1.0	-	-	-	-	-	-	-	e,hf	22
23	1.1	1.3	1.4	1.6	1.6	1.2	1.2	1.3	1.1	1.1	0.9	1.0	1.0	1.3	1.2	1.0	0.7	0.9	1.3	1.3	1.5	1.9	2.1	1.6	-	1.3	3.6	0.3	3.5	e,r,d,m	23		
24	1.7	1.6	1.7	2.6	2.1	2.2	2.7	2.7	2.7	2.4	2.5	2.5	2.8	2.6	2.6	2.5	2.4	2.2	2.1	2.0	1.3	1.1	1.3	1.3	1.2	-	2.1	3.3	1.0	2.5	e,m	24	
25	1.0	1.1	1.2	1.3	1.3	1.0	1.0	1.8	2.2	2.1	2.0	2.0	2.1	2.4	2.4	2.2	2.3	1.7	1.3	1.3	1.5	1.8	2.2	2.3	2.4	-	1.7	3.2	0.7	2.5	b,m,hf	25	
26	2.4	2.4	2.5	2.6	2.5	2.3	2.3	2.4	2.2	2.6	2.6	2.0	2.1	2.4	2.3	2.3	2.4	2.3	2.4	2.5	3.0	2.7	2.5	2.6	-	2.4	3.5	1.7	1.8	e,r	26		
27	2.6	2.3	2.4	2.3	2.2	2.0	1.7	1.6	1.2	1.3	(1.6)	1.7	2.3	-	-	2.1	1.3	0.7	1.1	0.7	0.7	1.1	1.4	1.4	-	-	-	-	-	-	e,r,m	27	
28	1.5	1.7	1.8	1.9	2.0	1.9	2.0	2.5	2.5	2.8	2.5	2.7	3.1	2.8	2.7	2.7	2.3	2.2	2.1	2.3	2.8	2.8	2.3	2.2	-	2.3	3.4	1.3	2.1	e,r,m	28		
29	2.6	2.6	2.6	2.6	2.6	2.5	2.3	2.7	2.9	3.0	3.1	3.4	3.3	3.1	2.3	2.7	2.6	2.4	2.4	2.6	2.7	2.7	2.7	2.7	-	2.7	3.6	1.8	1.6	e,m,d,r	29		
30	3.0	3.6	3.3	3.9	3.4	3.4	3.0	3.3	3.3	3.0	3.0	2.9	3.2	-	-	2.4	1.3	0.8	1.3	1.3	1.3	1.7	2.0	2.7	-	-	-	-	-	-	e,r	30	
31	2.5	2.3	2.4	2.0	1.9	2.1	2.8	3.0	-	2.6	1.9	-	-	3.1	3.1	3.0	2.4	3.2	2.9	-	-	-	4.1	4.3	-	-	-	-	-	-	-	e,r,d	31
A	1.9	1.9	2.0	2.0	2.0	1.1	1.7	2.0	2.8	2.8	2.7	2.2	2.2	2.2	2.0	1.9	1.8	1.4	1.3	1.4	1.4	1.4	1.6	1.6	-	1.6	-	-	-	-	-		
N	1.9	1.9	2.0	2.0	1.8	1.8	1.7	1.8	1.9	2.0	2.0	1.9	2.0	2.0	1.9	1.8	1.5	1.3	1.4	1.4	1.5	1.6	1.8	1.8	-	1.6	-	-	-	-	-		

Avril - April

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

1979

TMR - 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	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1	4.8	4.4	4.4	4.1	4.1	4.2	4.0	4.1	3.4	3.6	3.6	3.6	4.3	4.2	4.3	3.6	3.2	2.2	1.7	1.8	2.7	3.6	3.6	3.1	-	3.6	5.7	1.1	4.6	c,r	1		
2	3.0	2.6	2.6	2.6	2.7	2.7	3.0	2.8	2.8	2.6	2.9	3.2	2.9	3.3	3.1	3.1	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r	2	
3	-	-	-	-	-	-	-	1.9	2.6	2.6	2.7	2.9	2.9	3.1	3.1	3.1	2.7	2.0	1.7	1.6	1.4	1.7	1.7	1.6	-	-	-	-	-	-	c,hf	3	
4	1.5	1.5	1.5	1.6	1.5	1.5	2.1	2.2	-	-	-	-	-	3.2	2.8	2.8	2.4	2.1	2.3	2.5	2.5	3.0	3.4	3.9	-	-	-	-	-	-	c,r	4	
5	4.2	4.2	3.4	3.0	2.9	3.0	3.2	-	-	-	3.6	3.7	3.6	3.5	3.4	3.0	2.7	1.8	1.4	1.3	1.7	2.1	2.6	2.3	-	-	-	-	-	-	c	5	
6	2.2	1.7	1.7	1.6	1.8	2.5	2.6	2.7	2.9	2.8	3.2	3.2	3.6	3.1	3.3	3.3	3.3	3.3	3.7	4.0	4.6	4.5	4.8	4.8	-	3.1	5.2	1.0	4.2	c	6		
7	4.7	4.6	4.4	4.1	4.2	3.9	3.6	3.3	3.3	3.2	3.3	3.4	3.2	3.3	3.6	3.6	3.4	3.3	3.2	3.1	3.0	3.0	3.3	3.2	-	3.6	5.0	2.2	2.8	c,r,s	7		
8	3.9	3.7	3.8	3.2	2.4	3.0	2.2	1.7	1.6	1.6	1.7	1.7	1.8	1.7	1.8	1.7	1.8	1.8	1.9	2.0	2.2	2.1	2.4	2.9	-	2.3	4.4	1.0	3.4	c,s,r	8		
9	2.7	2.3	2.5	2.7	2.6	2.3	2.6	2.6	2.9	3.6	3.7	3.9	4.3	4.1	3.8	3.0	2.4	1.7	0.9	0.8	1.0	1.0	1.2	1.6	-	2.5	4.9	0.6	4.3	c	9		
10	1.9	2.0	2.6	2.3	2.2	2.9	3.2	3.1	3.4	3.6	3.6	3.1	3.3	2.9	2.8	2.7	2.7	2.4	2.3	2.4	2.0	2.7	2.9	3.2	2.8	2.8	4.9	1.4	3.5	b,hf	10		
11	3.0	4.0	3.6	4.1	3.3	3.2	3.1	3.0	3.3	3.2	3.2	3.3	3.6	3.9	3.9	3.6	3.3	1.3	1.0	0.9	0.8	1.0	1.0	0.8	-	2.7	6.4	0.7	5.7	c,hf,m	11		
12	0.9	1.3	1.7	1.7	1.7	1.3	1.3	1.6	2.1	2.6	3.3	4.0	4.0	4.4	3.9	4.3	3.8	2.4	1.0	0.8	0.7	0.7	0.8	0.9	-	2.1	5.6	0.6	5.0	c,m,f,hf	12		
13	1.0	1.3	1.7	1.4	1.3	1.3	2.0	2.7	3.0	3.3	2.9	2.5	2.5	2.6	2.7	3.0	2.6	1.7	1.0	1.0	1.1	1.4	1.7	2.5	2.0	2.0	3.7	0.6	2.9	b,hf	13		
14	2.7	2.9	2.1	2.0	2.2	2.1	2.0	2.3	2.4	2.6	2.6	2.3	2.4	2.6	2.8	2.9	2.6	2.3	2.0	1.9	1.6	1.2	1.1	1.3	-	2.2	3.8	1.0	2.8	b	14		
15	3.3	4.8	3.5	3.0	2.5	3.0	2.9	2.8	2.8	2.9	2.9	3.3	3.3	4.2	4.9	5.0	5.9	4.6	4.3	5.3	6.3	6.8	6.7	6.8	-	4.2	8.7	1.3	7.4	c,r	15		
16	6.8	6.8	5.5	5.0	4.4	5.1	5.4	4.4	4.3	3.6	3.5	3.7	3.7	3.7	3.3	3.8	3.9	3.6	[2.1]	-	-	-	-	-	-	-	-	-	-	-	b,hf	16	
17	-	-	-	-	-	-	-	-	-	-	-	3.6	3.6	3.6	3.6	3.3	2.6	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	c,s	17
18	2.9	3.5	3.3	3.2	3.4	3.4	3.5	3.6	3.9	4.2	3.7	3.6	4.1	4.3	4.3	4.2	4.0	3.8	2.4	2.0	2.5	2.8	-	-	-	-	-	-	-	-	c,s	18	
19	-	-	-	-	-	[2.1]	2.3	2.4	3.0	3.2	3.2	3.1	2.9	3.3	4.1	4.3	3.3	2.6	2.4	1.8	1.3	1.0	1.0	-	-	-	-	-	-	-	-	c,s	19
20	1.3	1.5	2.2	2.4	2.2	1.6	2.3	2.4	3.0	3.0	3.2	3.0	[3.0]	2.7	2.9	2.7	2.7	2.4	2.5	2.1	1.6	1.7	1.7	1.7	-	2.3	3.7	1.3	2.4	c,r	20		
21	1.7	1.6	1.5	1.2	1.3	1.3	2.0	2.6	3.3	2.8	3.0	3.2	3.1	3.4	3.5	3.5	2.6	1.2	1.0	0.7	0.8	1.2	1.9	2.6	-	2.1	4.4	0.6	3.8	c,m	21		
22	2.9	2.8	2.5	2.3	2.1	2.0	2.0	2.0	1.8	2.9	3.2	3.2	3.1	3.0	3.3	3.2	2.5	1.9	1.1	1.3	1.4	1.4	1.8	2.3	-	2.3	6.1	0.3	5.8	c,r,m	22		
23	2.3	2.3	2.4	2.2	2.1	2.3	2.7	2.6	2.4	3.3	3.3	3.9	3.3	-	3.6	4.9	3.5	3.6	3.2	3.9	4.5	4.9	4.9	4.6	-	-	-	-	-	-	c,r	23	
24	4.0	4.1	3.7	2.9	2.9	3.1	3.5	3.6	3.7	3.4	3.2	3.4	2.9	2.9	2.9	3.2	3.0	3.2	4.1	3.6	4.8	4.9	5.0	5.0	-	3.6	5.7	2.1	3.6	c,r	24		
25	4.9	5.3	4.3	3.6	3.9	3.4	3.0	3.2	3.5	3.3	3.3	3.3	3.6	4.1	4.1	3.6	2.7	2.3	2.7	3.7	4.4	4.0	3.1	2.6	-	3.6	6.1	1.6	4.5	c,r,m	25		
26	2.3	2.9	3.7	4.3	3.0	2.4	3.0	3.0	3.0	3.1	3.6	3.6	3.9	3.7	4.0	3.9	4.5	4.0	2.4	2.0	1.8	1.6	1.3	1.2	-	3.0	5.5	1.0	4.5	c,r	26		
27	1.8	2.3	2.3	2.4	2.9	2.8	3.6	3.7	3.8	4.0	3.8	3.5	3.2	2.0	1.8	1.8	1.4	1.3	1.0	1.0	1.2	1.3	1.3	1.6	-	2.3	4.9	0.8	4.1	c,d,r,m,f	27		
28	1.6	1.6	1.4	2.0	2.1	2.5	2.4	2.9	2.6	3.3	3.7	3.9	3.7	3.6	2.3	3.3	3.3	3.0	1.9	2.4	3.4	3.7	3.9	3.9	-	2.8	4.8	1.1	3.7	c,r	28		
29	4.0	4.1	4.0	4.3	4.5	4.1	4.1	4.0	4.0	3.2	3.9	3.5	3.6	3.9	3.8	3.7	3.4	3.2	3.4	3.1	3.6	3.7	3.3	3.2	-	3.7	5.7	2.4	3.3	c,r	29		
30	3.3	3.1	2.8	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.6	2.4	2.8	3.7	4.1	[4.2]	[3.8]	3.6	4.0	4.6	4.0	3.9	4.6	-	3.2	5.8	1.7	4.1	c,r,wind	30		
A	2.7	2.9	2.7	2.6	2.4	2.5	2.8	2.9	3.2	3.0	3.2	3.2	3.4	3.4	3.3	3.2	3.0	2.3	1.9	1.8	2.0	2.2	2.4	2.4	2.6	2.9							
N	2.9	3.1	2.9	2.8	2.7	2.7	2.8	2.8	3.0	3.1	3.2	3.3	3.3	3.3	3.4	3.4	3.1	2.6	2.2	2.3	2.5	2.6	2.7	2.8	2.6	2.9							

Mat - May

CONDUCTIBILITÉ D'AIR (POSITIVE) $\times 10^{-18} [\Omega^{-1} m^{-1}]$
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-18} [\Omega^{-1} m^{-1}]$

1979

TMR - GMT

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	3.7	3.2	2.8	2.5	2.5	2.5	2.7	2.9	2.9	3.2	3.7	3.5	(3.3)	3.0	3.4	3.5	3.7	2.3	1.7	1.9	2.7	2.9	2.4	2.5	-	2.9	4.6	1.0	3.8	e,r	1		
2	2.0	1.9	1.8	2.1	2.2	2.2	2.3	2.5	2.8	2.8	2.8	3.4	3.3	2.9	2.5	2.5	2.7	2.3	2.0	3.6	4.2	4.1	4.7	3.8	-	2.8	5.6	1.6	4.0	e,r	2		
3	3.1	2.0	1.7	2.1	2.1	2.4	2.7	2.9	-	2.8	2.3	2.0	2.3	2.4	2.3	2.0	1.9	1.7	1.3	1.1	1.1	1.1	1.5	1.3	-	-	-	-	-	e,r	3		
4	1.6	1.4	1.4	1.4	1.5	1.6	-	2.7	2.7	2.9	2.6	2.7	2.3	2.3	2.5	2.9	2.4	1.9	1.3	1.2	1.3	1.5	1.5	1.2	-	-	-	-	-	e,r	4		
5	1.3	1.4	1.5	1.0	1.2	1.8	2.4	2.6	2.7	2.8	2.6	2.8	2.7	2.7	2.9	3.0	2.9	2.6	1.9	1.2	1.0	1.3	1.7	2.3	-	2.1	3.5	0.8	2.7	e,hf	5		
6	2.3	2.3	2.3	2.1	2.0	2.1	2.4	2.5	2.4	2.3	2.4	2.7	3.0	3.1	3.1	2.8	2.9	3.3	2.9	1.4	1.0	0.8	1.0	1.0	-	2.3	4.6	0.7	3.9	e,d	6		
7	1.9	1.9	1.8	1.4	1.6	1.8	2.4	2.3	2.9	2.9	2.4	2.6	2.4	2.7	2.7	2.6	2.8	2.6	2.2	1.4	1.1	0.7	0.7	0.7	-	2.0	4.2	0.4	3.8	e,hf,r	7		
8	0.8	1.0	1.2	1.5	1.5	1.7	2.6	2.9	3.0	2.8	2.9	3.1	3.0	3.2	3.4	3.1	3.3	2.3	1.6	1.3	1.3	1.5	2.1	2.4	-	2.2	4.6	0.6	4.0	e,hf	8		
9	2.6	2.3	2.5	2.6	2.4	2.4	2.6	2.7	2.7	2.2	2.1	2.2	2.4	2.6	2.5	2.7	2.7	2.5	2.6	2.7	3.1	3.1	2.6	2.4	-	2.5	3.8	1.7	2.1	e,r,w	9		
10	2.1	1.9	1.9	1.7	2.8	2.0	1.7	1.9	2.3	2.6	3.5	3.4	3.0	2.8	2.6	3.0	3.1	-	1.0	1.1	2.0	3.0	4.1	3.6	-	-	-	-	-	e,m,d,r,t	10		
11	4.1	4.0	3.2	2.0	3.2	2.6	2.5	2.5	2.8	2.7	2.4	2.1	2.2	2.5	2.9	2.7	2.9	2.4	1.5	1.2	1.1	1.7	2.7	-	2.5	5.5	0.9	4.6	e	11			
12	4.7	5.3	5.2	4.6	4.3	4.3	3.8	3.5	3.0	3.4	3.2	(3.1)	(3.1)	3.3	3.5	3.6	3.7	3.6	3.2	2.0	1.8	1.8	1.5	1.6	-	3.4	6.3	1.3	5.0	e	12		
13	2.0	2.3	1.9	2.4	2.5	3.1	4.0	4.1	3.6	3.5	3.4	3.2	2.9	2.6	3.0	4.0	4.1	4.1	3.5	3.0	2.9	2.8	2.9	2.4	3.1	5.1	1.3	3.8	e	13			
14	2.4	2.2	2.0	2.3	2.5	2.9	3.1	3.1	3.2	3.0	2.6	2.1	2.3	2.3	2.4	2.6	3.0	3.2	2.6	1.4	1.3	1.2	1.3	1.2	-	2.4	4.6	0.9	3.7	e	14		
15	1.4	1.6	1.7	1.8	1.8	2.0	2.5	2.7	-	2.9	2.8	2.6	2.6	2.7	2.8	3.0	3.3	3.3	2.7	1.6	1.3	1.7	3.1	3.1	-	-	-	-	-	b	15		
16	3.2	3.4	(3.2)	2.6	2.1	2.7	2.6	3.1	3.3	2.7	2.3	2.3	2.3	2.5	2.5	3.3	3.7	3.3	2.3	2.6	2.9	2.9	4.2	4.5	-	2.9	5.8	1.7	4.1	b	16		
17	4.6	4.0	3.6	2.8	2.8	2.9	2.9	3.0	(2.6)	2.7	2.6	2.6	2.3	2.1	2.0	2.4	2.6	2.5	2.3	2.6	3.6	4.5	3.6	3.9	-	3.0	5.5	1.9	3.7	b	17		
18	4.0	3.9	4.0	4.0	3.7	3.3	3.3	3.0	2.4	2.5	3.2	2.9	3.6	3.3	3.6	3.5	3.9	3.9	2.3	2.0	2.1	2.7	3.4	3.9	-	3.3	5.7	1.7	4.0	b	18		
19	4.6	4.4	4.9	3.8	2.9	3.2	3.0	3.2	3.3	3.6	3.3	3.2	2.6	3.4	3.5	3.4	3.4	2.9	2.5	2.8	2.7	2.7	3.3	2.9	-	3.3	6.5	1.3	5.2	e,r,wind	19		
20	2.9	3.4	3.9	3.8	3.8	4.1	4.3	4.3	4.4	4.2	4.2	4.1	4.0	3.8	3.6	3.7	3.6	3.9	3.7	3.7	3.8	3.9	4.0	4.3	-	3.9	5.6	2.6	3.0	e	20		
21	4.0	4.0	3.7	3.5	3.3	3.1	3.3	3.3	3.2	3.3	3.4	3.3	3.8	3.8	3.3	2.9	2.9	2.9	2.7	3.7	4.1	4.5	4.4	4.6	-	3.5	4.9	2.4	2.5	e	21		
22	4.7	4.7	4.6	4.9	3.5	3.5	3.8	3.5	2.9	3.3	2.4	2.7	2.9	2.8	2.6	2.8	3.5	3.8	3.8	4.6	5.5	(4.8)	4.3	3.7	-	3.7	(5.8)	1.3	(7.5)	e	22		
23	4.1	-	-	4.6	-	-	(4.6)	3.9	3.3	3.1	2.4	2.3	2.6	2.5	3.4	4.2	3.0	2.4	3.6	3.7	3.9	4.1	4.5	4.4	-	-	-	-	-	-	e	23	
24	4.5	4.6	4.6	4.5	4.5	4.1	3.6	2.9	2.7	2.4	2.3	2.4	2.9	3.0	3.8	4.1	4.5	4.5	3.4	4.1	4.4	4.1	4.1	4.2	-	3.8	5.3	1.6	3.7	e	24		
25	3.8	3.8	4.2	4.1	4.1	4.0	3.3	2.9	(2.6)	2.9	2.5	2.6	3.7	3.2	3.2	(3.9)	3.0	3.2	3.4	2.9	3.2	3.0	2.9	2.9	-	3.3	13.9	0.3	13.6	e,t,r,h	25		
26	2.6	2.4	2.6	2.8	3.1	3.3	3.3	-	(3.2)	2.7	2.7	2.7	3.0	3.2	3.2	3.2	3.5	3.3	3.1	3.1	3.5	4.2	4.3	4.5	-	-	-	-	-	-	e	26	
27	4.3	4.4	4.7	4.9	4.5	4.5	4.2	3.8	4.8	5.6	5.0	4.7	3.3	3.5	3.9	4.0	4.4	5.3	-	-	-	4.9	4.9	5.1	-	-	-	-	-	-	e	27	
28	5.2	5.4	5.3	5.1	4.9	4.7	4.4	5.3	7.3	5.7	5.7	4.3	4.9	5.0	5.1	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e,t,l,r	28	
29	3.8	3.9	4.1	4.5	4.9	5.0	4.5	4.5	4.4	4.2	4.0	3.6	3.8	3.9	4.1	4.7	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	e	29	
30	-	-	-	-	-	-	-	-	4.0	4.1	4.1	4.1	4.4	4.8	4.6	4.7	4.3	3.9	4.1	3.7	2.7	3.3	3.1	3.0	3.0	-	-	-	-	-	-	e	30
31	3.0	3.6	3.0	3.2	3.4	3.3	3.5	3.4	3.7	3.7	3.8	3.7	3.8	3.6	3.8	4.1	4.2	4.1	(3.7)	2.6	-	-	-	3.9	-	-	-	-	-	-	e	31	
A	3.6	3.8	3.7	3.6	3.3	3.1	3.2	3.2	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.4	3.5	3.4	2.8	2.4	2.7	2.8	3.0	3.5	3.2	-	-	-	-	-	-	-	
N	3.2	3.1	3.0	3.0	3.0	3.0	3.2	3.2	3.3	3.2	3.0	3.0	3.1	3.1	3.2	3.3	3.3	3.2	2.6	2.4	2.6	2.8	3.0	3.1	3.0	-	-	-	-	-	-	-	

June - June

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

1979
TMR - 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	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date		
1	-	-	-	-	-	-	-	-	4.9	5.0	4.7	5.0	4.9	4.9	4.8	5.1	4.6	4.7	4.8	5.0	3.7	3.5	4.5	-	-	-	-	-	-	-	o	1		
2	-	3.7	5.6	5.3	4.7	3.6	3.9	4.4	4.3	4.1	4.2	4.2	4.1	4.3	4.1	3.9	4.3	5.1	3.9	3.0	2.1	1.8	2.0	2.1	-	-	-	-	-	-	o	2		
3	2.1	2.2	2.1	2.9	3.7	4.0	4.3	3.7	4.3	4.3	4.3	4.5	4.4	4.4	3.7	4.6	5.4	6.1	5.2	4.8	3.5	3.7	4.9	4.9	-	-	4.1	9.4	1.6	7.8	o, l	3		
4	5.1	5.2	5.8	5.6	4.7	4.1	4.5	4.1	3.8	3.7	3.5	3.3	4.0	4.1	4.2	4.4	4.3	4.7	4.5	4.4	2.9	4.1	4.8	5.1	4.4	4.4	4.4	6.9	2.4	4.5	b	4		
5	5.1	5.1	4.8	3.8	3.3	3.3	3.7	2.9	2.5	2.2	3.7	2.6	2.8	3.0	3.0	2.9	2.8	3.5	3.8	2.7	2.9	3.5	4.0	4.0	-	-	3.4	7.8	1.6	6.2	o	5		
6	3.6	3.7	3.2	3.2	3.0	3.3	3.8	3.3	3.0	3.0	3.0	3.0	3.1	3.3	3.7	[4.0]	-	-	4.1	3.1	4.3	4.2	4.4	5.3	-	-	-	-	-	-	b	6		
7	4.6	4.3	3.7	3.3	2.8	2.6	3.0	3.3	3.6	3.3	3.2	3.3	3.0	2.8	3.1	4.2	4.7	4.9	4.1	4.1	[4.3]	-	-	-	-	-	-	-	-	-	-	b	7	
8	-	4.8	3.3	3.7	3.2	2.9	3.3	3.7	3.3	3.2	3.5	3.6	3.5	3.6	3.5	3.8	3.9	3.8	3.9	3.8	2.4	2.3	2.4	2.5	-	-	-	-	-	-	-	o, r	8	
9	2.7	3.8	2.3	2.3	2.4	2.7	3.3	3.4	2.6	2.5	2.4	2.3	2.6	2.5	2.5	2.8	3.0	2.6	2.6	2.3	2.6	2.6	2.7	2.8	-	-	2.6	4.0	1.8	2.2	o	9		
10	2.6	2.2	2.0	2.3	2.5	2.5	2.7	2.7	2.8	2.9	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	10	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	11	
12	-	-	-	-	-	-	-	-	-	-	[2.9]	2.6	2.9	2.8	2.9	3.1	3.1	3.0	3.7	3.9	3.3	2.6	3.1	2.9	2.0	-	-	-	-	-	-	-	o	12
13	2.1	2.3	2.1	2.9	-	-	-	3.3	3.4	3.8	3.9	3.7	4.0	3.9	3.6	4.3	4.5	3.2	2.7	2.8	2.6	1.9	1.8	1.7	-	-	-	-	-	-	-	-	o, r	13
14	1.7	1.5	1.4	2.0	2.1	2.6	3.6	3.4	3.5	3.6	3.4	3.3	3.3	4.3	4.8	5.6	4.3	3.2	3.9	3.2	3.3	3.6	4.3	4.6	-	-	3.4	7.1	1.1	6.0	o, r	14		
15	4.6	3.6	3.3	2.7	2.9	2.7	2.6	2.6	2.7	2.6	2.7	2.7	2.8	2.9	3.3	3.1	2.7	2.9	2.7	1.7	1.4	1.3	1.2	1.2	-	-	2.6	5.9	1.0	4.9	o, r	15		
16	1.3	1.2	1.3	1.8	2.6	3.6	3.9	3.9	4.0	3.6	3.6	3.5	2.9	[3.0]	-	5.9	5.5	4.5	[2.6]	-	-	-	-	-	-	-	-	-	-	-	-	-	o, l, r	16
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o, m, r	17
18	-	-	-	-	-	-	-	-	4.6	4.6	4.6	4.9	4.8	4.6	4.5	[3.7]	4.0	4.9	5.1	4.6	4.6	5.5	5.4	5.0	-	-	-	-	-	-	-	-	o, r	18
19	5.0	5.4	5.7	5.5	5.6	4.9	4.8	4.8	5.2	4.9	4.6	5.1	4.9	3.0	5.3	5.3	5.1	5.7	6.2	5.2	3.0	3.6	4.7	5.5	-	-	5.1	8.1	2.0	6.1	o, r	19		
20	5.3	5.4	5.0	4.5	4.2	4.5	4.6	4.6	4.8	5.2	5.2	5.0	5.0	4.9	5.1	5.3	5.5	5.6	5.9	4.3	4.3	4.9	5.8	5.4	-	-	5.1	10.3	3.2	7.1	o	20		
21	5.5	6.2	5.0	5.2	4.5	4.3	4.5	4.5	4.6	4.7	4.2	3.8	3.8	3.6	3.8	4.3	4.7	4.8	4.9	5.1	4.4	2.5	3.6	6.2	-	-	4.5	8.9	2.0	6.9	o	21		
22	5.9	7.7	6.4	5.8	5.5	3.9	4.1	4.6	4.3	3.9	4.4	4.4	4.6	4.2	[4.1]	3.8	2.9	2.7	3.2	3.6	3.3	3.2	3.0	2.7	-	-	4.3	10.4	2.3	8.1	o, r	22		
23	2.7	2.8	2.6	3.2	3.8	3.8	3.9	4.3	4.4	4.3	-	4.7	4.3	[4.3]	4.5	3.9	4.3	4.5	4.1	3.0	3.3	3.3	3.3	3.5	-	-	-	-	-	-	-	o, r	23	
24	4.0	4.1	4.5	4.7	4.3	4.2	4.4	4.5	4.7	4.6	4.5	4.7	4.7	4.2	3.9	4.1	4.3	4.3	4.2	4.0	4.0	4.2	4.7	5.3	-	-	4.4	6.5	3.4	3.1	b	24		
25	5.9	5.5	5.2	4.8	4.1	4.1	4.0	3.8	3.3	3.8	3.6	3.3	3.0	3.0	4.9	4.6	4.5	3.8	5.9	5.6	4.1	3.2	2.5	3.1	-	-	4.1	13.6	1.7	11.9	o, l, t, r	25		
26	-	2.2	2.0	2.2	2.3	2.3	2.6	4.3	4.0	4.0	3.9	3.8	4.1	4.1	3.3	2.6	4.2	4.3	4.0	3.4	3.3	3.6	3.2	3.2	-	-	-	-	-	-	-	o	26	
27	2.4	2.5	2.4	2.4	2.3	2.8	[3.3]	-	-	-	-	-	-	-	2.9	3.5	3.5	3.6	3.3	4.1	2.7	2.1	1.7	1.3	1.5	-	-	-	-	-	-	-	o	27
28	1.6	1.5	1.6	2.0	2.4	3.3	3.6	3.8	3.9	3.8	3.6	3.3	3.3	3.6	3.7	4.1	3.9	4.2	3.7	3.8	3.4	3.2	2.6	2.6	-	-	3.2	5.8	0.9	4.9	o, r	28		
29	2.2	2.0	2.0	2.2	2.5	2.4	2.4	2.5	3.1	3.1	3.2	3.2	3.1	3.3	3.1	3.3	3.2	3.2	3.2	3.3	3.5	3.0	2.5	2.5	-	-	2.8	4.2	1.3	2.9	o, r	29		
30	2.2	2.0	2.0	2.3	2.5	2.7	2.7	2.6	2.5	2.6	-	3.4	4.7	2.7	3.0	3.5	3.6	3.3	3.6	3.4	3.7	4.2	3.3	3.1	-	-	-	-	-	-	-	o, r	30	
A	4.4	4.6	4.5	4.1	3.9	3.9	4.0	4.0	4.1	3.8	3.7	3.6	3.7	3.6	3.8	4.1	4.5	4.7	4.5	3.8	3.4	3.6	4.0	4.3	-	-	4.1	-	-	-	-	-		
N	3.6	3.6	3.4	3.5	3.4	3.4	3.6	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.9	4.1	4.2	4.1	4.1	3.6	3.3	3.3	3.4	3.6	-	-	3.7	-	-	-	-	-		

Joillet - July

CONDUCTIVITÉ D'AIR (POSITIVE) $\times 10^{-18} \text{ } [\Omega^{-1} \text{ m}^{-1}]$
 AIR CONDUCTIVITY (POSITIVE) $\times 10^{-18} \text{ } [\Omega^{-1} \text{ m}^{-1}]$

1979
 TMOF - 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	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1	2.6	2.3	2.8	2.9	3.5	4.3	4.0	3.7	3.9	4.0	3.2	3.4	3.0	3.9	3.9	4.5	4.1	3.2	4.2	3.8	2.9	2.3	2.4	2.3	-	3.4	5.4	1.6	3.6	e,r	1		
2	1.8	1.6	1.8	2.7	3.6	3.6	3.8	4.0	4.1	3.9	4.0	4.1	2.9	2.6	2.6	3.0	3.1	3.1	3.4	4.0	4.3	4.6	4.2	3.8	-	3.4	5.7	1.0	4.7	e	2		
3	3.4	3.1	2.9	2.3	-	-	-	3.7	2.9	2.5	2.6	2.6	2.9	2.9	2.9	2.7	2.9	4.0	4.4	4.2	4.2	3.9	2.9	2.7	-	-	-	-	-	-	e	3	
4	[2.7]	2.6	2.8	2.8	3.5	4.2	4.0	4.3	3.4	4.3	3.7	3.4	3.9	4.0	4.5	5.0	3.4	5.2	(5.4)	(4.7)	5.5	6.1	5.6	4.7	-	4.3	(7.3)	2.3	(3.0)	e	4		
5	4.9	5.5	4.8	5.1	4.1	4.7	4.4	3.7	3.8	3.8	3.9	(4.1)	3.8	3.8	4.5	4.1	4.2	4.7	4.9	5.1	3.6	4.1	3.9	4.7	-	4.3	6.5	1.8	4.7	e,r	5		
6	3.4	3.9	3.6	3.3	3.2	2.7	2.9	2.9	3.3	3.3	3.3	3.7	(2.8)	3.8	4.8	4.0	(4.3)	2.4	3.0	2.9	3.1	3.3	2.8	3.1	-	3.3	7.9	(0.4)	(7.5)	e,r,l	6		
7	[2.0]	-	-	-	-	-	-	-	-	-	-	-	3.2	3.5	4.6	5.1	4.2	-	-	1.9	1.8	2.2	1.8	2.1	2.3	-	-	-	-	-	e,r,l	7	
8	3.2	2.0	1.8	1.8	1.9	1.9	2.3	2.9	3.2	3.0	3.6	3.7	3.3	3.9	4.1	4.5	4.2	4.1	4.4	4.1	4.4	5.0	6.7	5.1	-	3.3	7.3	1.6	5.7	e,r,m	8		
9	9.3	6.6	5.2	6.6	4.6	4.2	4.4	4.0	4.2	4.0	-	-	3.6	4.0	3.6	3.3	2.7	2.7	2.8	2.7	2.6	2.4	2.3	2.3	-	-	-	-	-	-	e,r	9	
10	2.1	2.2	2.1	3.4	-	4.2	3.8	4.0	4.0	3.3	3.4	3.6	3.5	4.2	4.0	4.2	5.2	4.1	3.5	4.1	4.2	4.8	4.6	4.6	4.6	-	-	-	-	-	-	e,r	10
11	4.6	4.5	4.0	4.2	4.2	3.9	3.8	3.7	3.3	4.0	3.4	2.9	2.7	3.1	[3.4]	3.2	3.0	3.4	4.1	4.7	5.0	4.5	4.3	5.0	-	3.9	6.1	2.4	3.7	e	11		
12	5.0	4.2	3.7	3.1	3.4	3.4	3.8	3.4	3.4	3.3	3.3	2.6	2.7	3.0	3.1	3.1	3.2	3.7	4.3	4.1	3.3	1.6	1.8	2.1	-	3.3	6.0	1.0	6.0	e,r,d	12		
13	2.1	1.9	1.9	2.1	2.0	3.0	3.1	3.2	2.4	2.1	2.4	2.7	3.6	3.6	4.0	5.3	5.5	6.6	6.3	3.9	2.9	2.6	2.1	1.6	-	3.2	11.9	1.1	10.8	e	13		
14	1.8	1.6	1.5	2.3	2.6	2.6	3.0	2.9	2.3	2.4	2.6	3.3	3.9	4.0	4.2	4.9	4.9	5.4	4.8	3.2	3.6	4.8	6.3	6.6	-	3.5	7.3	1.1	6.2	e	14		
15	5.8	5.9	6.2	4.1	3.5	3.0	2.7	3.0	3.3	3.3	3.4	3.7	4.0	4.8	4.6	5.2	4.5	4.7	5.6	4.5	4.0	4.1	4.6	4.7	-	4.3	7.7	2.5	5.2	e	15		
16	4.8	4.7	5.1	5.4	6.1	3.8	(4.1)	3.7	4.2	4.7	4.6	4.2	4.2	4.2	4.5	3.5	5.1	4.8	4.8	3.1	4.1	3.8	3.7	4.2	-	4.4	6.6	1.8	4.8	e,r	16		
17	4.1	3.8	3.3	3.2	3.5	3.4	3.5	3.4	3.9	3.9	3.0	3.3	3.6	3.0	3.5	2.8	2.5	3.4	4.5	4.5	3.6	3.1	2.3	3.3	-	3.4	7.4	1.0	6.4	e,r	17		
18	3.5	3.2	2.8	3.0	3.2	3.6	(3.7)	3.5	3.6	3.3	4.0	4.0	3.9	3.1	3.5	3.7	3.4	3.6	2.4	2.4	2.1	2.2	2.3	2.1	-	3.2	4.9	1.8	3.1	e,r	18		
19	2.0	1.8	1.8	1.7	1.8	2.6	(4.2)	3.3	3.1	3.1	-	3.3	4.7	-	4.5	2.6	3.2	2.9	2.9	3.2	3.3	3.3	3.6	3.3	-	-	-	-	-	-	e,r,l,h	19	
20	2.4	2.2	2.1	2.0	2.5	2.7	2.7	2.9	3.0	2.6	2.1	2.1	2.1	2.1	2.3	2.3	2.3	2.3	2.4	2.4	2.6	2.9	3.3	3.2	-	2.3	4.2	1.8	2.4	e	20		
21	2.8	2.9	2.6	2.6	2.9	2.9	2.9	2.7	3.0	3.0	2.7	2.5	2.6	2.6	2.5	2.5	2.7	3.0	3.3	2.4	2.4	2.8	3.0	3.3	-	2.7	3.6	2.0	1.6	e	21		
22	3.4	1.7	3.9	3.7	3.4	3.3	3.8	3.9	3.3	3.0	2.7	2.5	2.3	-	4.6	3.7	3.0	3.8	3.3	2.1	2.3	2.6	2.9	2.7	-	-	-	-	-	-	e,l,r	22	
23	2.9	2.3	2.5	2.9	3.0	3.2	3.1	3.3	3.3	3.4	3.7	3.9	3.8	4.0	4.0	4.2	4.6	4.6	4.8	4.3	4.1	4.6	5.0	5.1	-	3.8	5.6	1.7	3.9	e,r	23		
24	4.9	4.6	4.8	4.3	3.4	3.1	3.3	3.2	3.0	2.9	2.8	2.6	2.9	3.6	3.0	3.2	3.3	3.3	3.2	2.3	1.9	2.0	3.4	3.4	-	3.3	5.3	1.4	3.9	e,r	24		
25	3.3	3.3	3.2	3.2	2.9	2.7	3.0	2.9	2.9	3.4	3.6	4.0	3.9	4.0	-	3.6	3.3	3.9	3.1	4.4	4.3	3.7	3.3	3.3	-	-	-	-	-	-	e,r	25	
26	3.8	3.8	2.9	3.7	2.6	3.7	3.9	3.3	3.3	-	-	-	4.1	3.5	-	2.7	2.5	2.6	[2.0]	2.1	3.0	3.2	3.0	2.9	-	-	-	-	-	-	e,r,l	26	
27	2.1	2.0	2.2	2.1	2.4	2.6	2.8	2.9	3.2	4.0	4.2	3.4	3.7	4.0	3.3	3.6	3.9	3.6	3.6	2.6	2.4	2.9	3.7	7.1	-	3.3	7.9	1.6	6.3	e,m,r	27		
28	6.2	4.0	1.2	3.0	1.3	1.5	3.6	3.1	3.3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e,r	28
29	-	-	-	-	-	-	-	-	-	-	-	-	3.4	3.1	3.0	3.4	4.0	4.7	5.7	5.1	3.2	2.4	2.7	3.9	4.2	3.7	-	-	-	-	-	e	29
30	3.4	3.3	3.2	3.3	3.3	3.2	3.3	3.2	3.6	4.6	5.4	4.4	4.6	3.7	3.0	-	3.0	2.7	2.4	3.0	2.6	3.0	3.3	2.9	-	-	-	-	-	-	-	e,r,l	30
31	2.9	2.1	2.1	2.1	2.9	3.1	3.0	[2.7]	2.7	2.4	2.3	2.3	2.1	2.1	2.3	2.7	2.9	3.0	2.1	1.5	1.3	1.3	1.6	1.8	-	2.3	3.7	0.9	2.8	e	31		
A	3.2	3.1	3.2	2.7	3.2	3.6	4.0	4.0	3.9	3.3	2.6	2.6	2.9	2.9	3.4	3.9	4.1	4.1	4.1	3.3	3.3	3.8	3.4	3.9	-	3.6	-	-	-	-	-	-	
N	3.4	3.3	3.2	3.2	3.2	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.6	3.7	3.7	3.7	3.8	3.7	3.3	3.3	3.4	3.5	3.6	-	3.4	-	-	-	-	-	-	

Août - August

CONDUCTIBILITÉ D'AIR (POSITIVE) $\times 10^{-18} [\Omega^{-1} m^{-1}]$
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-18} [\Omega^{-1} m^{-1}]$

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	M	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
1	1.7	1.7	1.7	1.7	2.3	2.5	2.6	2.8	3.1	3.6	3.9	3.7	3.6	[4.0]	3.3	3.1	-	4.7	3.3	2.0	2.0	1.6	1.3	1.7	-	-	-	-	-	o,r,l	1	
2	1.6	2.3	2.0	2.0	2.4	2.7	3.1	3.2	2.9	2.8	3.0	3.1	2.9	2.4	2.6	2.1	2.6	2.5	1.8	2.0	2.1	2.8	3.3	2.9	-	-	2.5	4.3	0.9	3.4	o	2
3	2.0	1.7	1.6	1.7	1.8	2.0	2.3	2.6	-	2.2	2.1	[1.9]	1.8	1.7	1.6	1.7	2.1	2.0	1.4	[1.2]	1.1	1.1	1.0	1.0	-	-	-	-	-	-	o,r	3
4	1.4	1.4	1.3	1.8	2.1	2.0	2.0	1.9	2.0	2.4	2.7	2.7	3.0	2.9	3.0	1.9	2.1	1.7	-	-	-	2.6	3.2	4.0	-	-	-	-	-	-	o,r,m	4
5	3.2	-	6.1	4.1	2.9	2.8	3.3	3.2	3.2	3.5	4.1	3.9	4.3	4.3	4.7	4.3	4.3	4.0	4.1	3.3	4.8	4.1	6.0	4.0	-	-	-	-	-	-	o,r	5
6	3.8	3.3	3.3	3.5	3.5	3.6	3.0	2.9	3.5	3.7	3.8	4.0	3.9	3.4	4.1	3.9	5.3	4.9	3.2	2.1	1.6	1.1	1.2	1.3	-	-	3.2	7.6	0.8	7.0	o	6
7	1.6	2.1	2.1	2.8	3.0	3.9	4.3	4.6	4.0	4.3	4.0	3.3	2.4	2.6	3.0	3.1	3.7	3.4	2.7	2.8	3.5	4.3	5.1	5.9	-	-	3.4	6.4	1.3	5.1	o	7
8	5.9	5.9	5.0	4.0	3.6	3.5	3.2	3.2	3.0	2.9	2.6	2.8	2.9	3.0	3.0	2.9	3.0	2.9	3.0	3.0	3.0	3.3	3.3	3.3	-	-	3.4	6.8	2.3	4.5	o	8
9	3.5	3.4	3.3	3.2	3.1	3.0	3.2	3.1	3.1	[3.0]	-	-	4.4	4.7	3.7	4.2	4.1	3.5	3.1	2.4	2.2	2.5	3.4	3.2	-	-	-	-	-	-	o,r	9
10	2.5	3.2	-	-	4.6	3.6	3.6	3.6	3.3	3.0	3.3	3.6	4.6	4.7	4.3	4.7	4.2	3.9	4.0	2.7	2.6	2.7	2.4	2.1	-	-	-	-	-	-	o,r,m	10
11	3.4	3.7	4.8	4.6	4.4	4.2	4.4	4.1	4.2	4.4	4.2	3.7	3.9	3.6	3.6	4.4	3.3	3.6	2.8	2.0	2.4	[1.7]	-	1.4	-	-	-	-	-	-	o,r	11
12	1.7	1.7	2.0	2.4	3.8	4.5	3.9	6.7	6.8	3.9	5.0	3.7	-	-	-	-	-	-	-	2.9	3.6	8.1	5.6	6.0	-	-	-	-	-	-	o,r	12
13	5.6	5.3	4.5	4.9	4.3	3.6	3.4	4.6	4.6	4.8	5.6	4.7	3.6	3.0	2.7	3.1	2.9	2.9	3.0	3.3	3.8	3.7	3.6	3.3	-	-	4.0	7.4	2.3	8.1	o,r,d	13
14	3.0	2.9	3.2	3.3	3.3	3.4	[3.2]	[3.9]	4.3	4.9	5.3	4.9	4.3	4.5	3.9	3.2	2.9	2.5	1.7	1.7	1.8	1.8	2.0	1.7	-	-	3.2	3.8	1.1	4.7	o,r,d	14
15	2.0	2.0	2.0	2.3	2.8	2.9	3.0	3.3	3.7	4.2	4.3	4.6	4.6	4.6	4.8	5.2	4.9	4.5	2.4	2.1	1.7	2.1	2.0	2.1	-	-	3.3	6.9	1.5	5.4	c	15
16	1.8	1.8	2.0	2.4	2.6	3.2	3.9	3.7	3.9	4.0	4.0	3.9	3.9	3.8	4.0	4.2	4.3	3.7	3.0	2.6	2.7	3.3	3.6	4.0	-	-	3.3	4.8	1.7	3.1	b	16
17	4.3	3.6	2.8	1.8	2.1	3.0	3.5	3.9	4.3	4.3	4.1	4.2	4.2	4.3	4.2	4.0	4.3	3.3	2.3	2.1	2.1	2.6	2.7	2.9	-	-	3.4	5.0	1.3	3.5	b	17
18	3.4	3.9	4.4	4.2	4.2	4.1	4.3	4.3	4.3	4.3	4.3	3.9	4.2	3.8	4.0	4.0	4.4	3.9	3.3	4.6	4.5	4.4	4.3	4.3	-	-	4.2	5.3	0.9	4.4	o,r,l	18
19	4.7	4.8	4.5	3.7	3.7	3.9	[4.3]	4.3	4.0	3.9	4.6	4.6	8.1	4.8	8.0	4.9	4.9	4.6	[3.4]	2.5	2.2	2.2	2.4	2.6	-	-	4.0	7.2	1.7	5.8	o,r	19
20	3.5	2.9	2.6	3.6	3.8	3.1	2.7	2.7	3.6	4.0	4.3	4.2	3.2	3.1	3.4	2.7	2.4	1.7	1.3	1.6	1.6	1.9	1.9	1.7	-	-	2.6	5.7	1.0	4.7	o,r,m	20
21	1.6	1.7	1.6	1.6	2.4	2.5	3.1	3.5	[3.3]	2.9	3.5	3.6	3.3	3.5	3.1	3.6	3.8	3.3	2.0	1.3	1.4	1.7	1.7	2.1	-	-	2.6	4.8	0.8	4.0	o,r,l	21
22	2.3	2.3	2.3	2.1	1.9	2.3	2.8	3.2	2.9	2.6	2.6	2.7	2.6	2.7	2.6	2.8	2.8	2.3	2.1	2.0	1.9	1.7	1.9	2.3	-	-	2.4	3.5	1.5	2.0	o	22
23	2.3	2.3	2.4	2.4	2.5	2.4	1.9	2.5	2.6	2.9	-	[2.6]	2.9	3.1	2.9	3.4	3.2	2.4	2.3	2.0	1.8	1.7	1.9	2.2	-	-	-	-	-	-	o,r	23
24	2.6	3.2	3.2	3.0	3.2	3.0	2.8	2.8	3.0	3.2	3.2	3.4	3.4	3.5	3.1	3.3	3.6	2.9	2.9	2.6	2.9	3.3	3.0	2.6	-	-	3.1	4.3	1.6	2.7	o	24
25	2.8	2.4	2.3	3.5	[3.6]	-	-	-	-	-	-	-	4.2	4.0	4.0	3.9	3.9	4.0	[3.4]	3.5	3.5	3.3	3.6	3.4	-	-	-	-	-	-	o,r	25
26	3.1	3.3	2.9	2.9	3.4	3.9	-	3.5	3.8	3.5	3.5	3.3	2.6	2.9	3.0	3.3	3.6	3.2	2.4	3.2	3.2	3.0	2.9	3.1	-	-	-	-	-	-	o,r	26
27	3.5	3.7	3.4	2.9	2.9	3.9	3.3	-	3.7	3.8	3.8	4.0	3.4	3.6	3.9	3.8	4.4	4.4	3.3	4.1	3.3	2.3	3.2	3.3	-	-	-	-	-	-	o,r	27
28	3.6	3.6	3.4	3.5	3.4	3.3	3.3	3.0	3.0	3.2	3.7	3.7	3.5	3.9	3.4	3.6	3.7	4.0	[3.7]	3.6	3.1	3.1	3.6	4.5	-	-	3.5	4.8	2.1	2.7	o,r	28
29	4.5	4.4	4.2	4.2	3.9	4.0	3.6	3.6	3.6	3.7	-	-	4.3	4.2	4.3	2.9	2.9	2.5	2.9	3.2	3.3	3.4	3.2	3.3	-	-	-	-	-	-	o,r	29
30	2.6	2.4	2.0	1.6	1.7	1.8	2.2	2.2	3.4	3.6	3.9	4.1	3.6	4.1	4.0	4.1	4.3	2.6	2.4	2.1	2.1	1.4	1.9	2.1	-	-	2.6	3.0	1.1	3.9	o	30
31	2.1	1.9	1.6	1.8	1.7	2.5	3.0	2.5	2.7	2.6	2.9	2.7	2.8	3.1	3.3	3.6	[3.9]	3.2	2.6	1.9	1.6	1.8	1.5	1.3	-	-	2.4	4.4	1.1	3.3	b	31
A	2.9	3.1	2.8	2.6	3.0	3.4	3.8	4.0	3.7	3.8	3.8	3.8	3.6	3.7	3.8	3.9	3.9	3.5	2.6	2.4	2.5	2.8	2.5	2.7	-	-	3.2	-	-	-	-	-
M	3.0	3.0	2.9	2.9	3.1	3.2	3.4	3.4	3.6	3.6	3.6	3.6	3.4	3.6	3.5	3.6	3.6	3.3	2.7	2.6	2.6	2.7	2.9	2.9	-	-	3.2	-	-	-	-	-

Septembre - September

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

1979
 TMR - 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	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date		
1	1.4	1.6	1.7	1.8	2.0	1.8	2.4	2.6	3.4	3.9	2.9	3.0	2.9	3.0	3.0	3.1	2.7	2.0	1.7	2.0	2.1	2.0	2.0	2.1	-	-	2.4	5.4	1.2	4.2	e	1		
2	2.5	2.1	1.7	1.7	2.0	2.9	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.6	3.5	3.8	3.3	2.4	2.0	1.8	1.8	1.8	2.3	2.7	-	-	2.7	4.3	1.4	2.9	b	2		
3	2.5	2.5	2.6	2.6	2.7	3.3	3.2	3.3	3.3	3.0	2.3	2.3	2.9	3.1	3.1	3.3	2.6	2.0	3.3	4.0	4.1	3.7	3.6	2.7	-	-	3.0	5.0	1.4	3.6	c	3		
4	2.7	2.9	2.0	1.7	1.7	1.3	2.4	2.7	2.9	3.0	3.4	3.3	-	-	3.1	4.1	3.9	3.0	1.8	1.6	1.1	1.3	-	-	-	-	-	-	-	-	-	o, f, m, r, l	4	
5	-	-	1.3	1.4	2.0	2.2	2.3	-	-	4.0	4.1	3.3	3.2	3.3	3.2	2.6	(2.6)	(2.7)	(2.6)	(2.3)	(2.1)	(2.1)	(1.8)	(1.8)	-	-	-	-	-	-	-	-	o, f, m, r	5
6	(1.8)	1.7	1.9	1.6	1.6	1.4	2.3	2.6	3.6	2.6	2.9	3.2	2.6	2.7	3.4	3.0	3.3	3.0	3.0	3.0	2.6	2.1	1.8	2.1	-	-	2.5	4.5	0.6	3.9	o, f, m	6		
7	2.3	2.4	3.1	3.4	2.7	3.7	4.5	4.5	5.1	5.1	5.5	5.9	6.0	5.8	6.0	4.6	4.7	5.8	3.7	3.2	3.7	4.3	5.0	6.5	-	-	4.8	7.4	2.0	3.4	c	7		
8	6.4	6.6	5.9	5.3	4.5	4.1	3.9	4.7	5.5	6.8	7.0	(6.1)	5.9	6.3	4.1	5.3	4.6	2.9	(1.8)	1.5	2.0	2.7	3.5	3.7	-	-	4.6	10.1	1.4	8.7	e	8		
9	3.3	3.6	4.7	4.9	4.3	4.0	3.2	3.8	4.6	4.8	3.9	3.3	3.2	3.2	3.3	3.3	3.6	2.8	2.1	2.1	2.4	3.5	4.2	4.5	-	-	3.6	8.1	1.8	6.3	e	9		
10	4.3	4.3	4.5	4.5	3.9	3.7	3.4	3.3	2.9	2.7	2.9	2.9	2.7	2.2	1.9	2.3	3.6	-	2.2	1.8	1.7	1.8	2.5	3.2	-	-	-	-	-	-	-	o, r	10	
11	3.0	2.5	2.6	3.2	3.7	4.0	4.0	3.1	(3.2)	3.3	3.0	3.0	2.9	3.2	3.3	3.0	2.6	2.4	2.0	2.1	2.1	2.2	2.3	2.4	-	-	2.9	4.5	1.8	2.7	e	11		
12	2.3	2.0	2.0	2.0	2.0	1.8	2.0	2.3	3.9	3.9	3.4	3.2	3.0	2.8	3.0	-	-	-	3.2	2.7	2.3	2.7	2.3	2.0	-	-	-	-	-	-	-	o, r, m	12	
13	2.4	3.3	3.3	2.7	2.1	2.3	(2.4)	3.1	3.3	3.3	2.8	2.5	2.3	2.4	2.6	2.7	2.9	2.3	2.6	2.9	3.2	3.2	3.1	3.0	-	-	2.8	5.4	2.0	3.4	e	13		
14	(2.9)	3.2	3.0	3.2	3.1	3.2	3.2	3.4	3.8	3.5	(3.6)	3.4	3.4	3.0	4.2	4.8	4.5	2.6	1.6	1.7	2.7	3.0	2.6	2.0	-	-	3.2	5.2	1.3	3.9	c	14		
15	2.1	2.3	2.6	2.8	2.6	2.7	3.2	3.3	4.8	4.5	4.6	5.3	5.5	5.3	5.1	4.6	3.7	4.0	3.0	3.9	4.2	4.3	3.9	4.6	-	-	3.7	10.2	1.8	8.4	o, r, wind	15		
16	5.0	5.1	3.5	3.4	3.2	3.7	3.6	3.3	3.1	3.2	3.4	3.4	4.2	4.8	4.7	5.1	4.2	4.3	4.3	4.2	3.7	3.6	3.9	3.7	-	-	3.9	5.8	1.7	4.1	o, r	16		
17	3.2	3.2	3.4	3.4	2.9	2.1	(3.2)	-	-	3.1	-	2.7	2.3	2.5	2.9	2.9	2.2	2.4	2.8	2.8	3.0	3.2	3.3	3.0	-	-	-	-	-	-	-	-	o, r	17
18	3.3	3.4	3.7	3.4	3.3	3.4	3.2	3.2	3.1	(3.0)	(2.7)	-	2.4	2.7	3.0	3.0	3.2	3.2	3.4	3.2	3.3	3.6	3.7	3.9	-	-	-	-	-	-	-	-	o, f	18
19	3.9	4.0	4.0	3.9	3.6	3.3	3.4	(3.3)	3.5	3.3	3.0	3.0	3.4	3.3	3.3	3.4	2.5	2.0	2.4	2.4	2.7	3.1	3.2	3.3	-	-	3.3	4.0	1.7	2.3	e	19		
20	3.2	2.9	2.3	2.5	2.2	2.0	(2.7)	(3.1)	3.7	3.4	3.3	-	-	(3.7)	3.7	3.9	2.8	1.8	1.8	2.2	3.0	3.0	3.0	2.9	-	-	-	-	-	-	-	-	o, m	20
21	2.6	2.5	2.5	2.8	2.4	2.6	3.1	3.3	3.4	3.7	3.9	3.7	3.7	3.6	3.8	3.2	3.0	3.3	4.2	4.8	5.1	5.0	5.2	5.5	-	-	3.6	6.2	2.1	4.1	o, d	21		
22	5.6	6.2	6.2	5.3	3.3	2.8	2.9	2.9	3.4	4.3	4.3	4.1	4.0	4.1	(4.5)	(4.5)	(4.3)	(4.1)	(4.0)	4.5	4.5	4.6	4.8	5.0	-	-	(4.3)	7.2	2.1	3.1	o, d, m	22		
23	5.0	4.9	4.5	4.2	4.6	4.5	3.9	3.9	3.9	3.7	3.7	4.2	4.4	4.6	4.3	4.6	4.8	4.2	4.5	4.7	4.5	4.2	4.0	4.8	-	-	4.4	7.6	2.8	4.8	o, m, d	23		
24	4.7	4.4	3.9	3.0	3.1	3.0	3.2	3.3	3.9	4.0	4.7	5.2	5.0	4.6	4.3	4.2	4.5	4.0	3.9	3.9	4.3	4.6	4.3	3.6	-	-	4.1	6.7	2.1	4.6	o, d, f, m, l	24		
25	3.2	3.1	2.9	-	-	2.8	3.2	4.8	5.0	5.1	5.2	5.4	5.2	4.6	4.6	5.4	6.3	6.7	8.5	9.1	9.0	7.5	7.9	5.3	-	-	-	-	-	-	-	-	o, f, d, r	25
26	4.9	5.2	4.3	3.3	2.7	2.3	2.3	2.3	2.5	2.3	3.2	3.3	3.3	3.4	3.5	3.4	3.2	2.7	2.0	1.2	1.1	1.2	1.4	1.4	1.6	-	-	2.8	8.1	1.0	5.1	o, r, d	26	
27	1.5	1.7	1.4	1.5	1.3	1.3	2.1	2.3	2.4	(2.6)	3.0	3.3	3.3	3.5	3.4	3.6	2.4	1.8	1.5	1.1	1.1	1.6	2.1	2.4	-	-	2.2	4.2	0.8	3.4	o, f, m	27		
28	2.8	2.7	2.4	4.2	3.5	3.2	2.8	2.7	4.3	4.7	4.4	3.4	2.9	3.2	3.6	4.0	2.7	2.3	1.8	1.7	1.5	1.7	1.6	1.3	-	-	2.9	5.3	1.1	4.2	o, r	28		
29	1.4	1.4	1.4	1.6	1.7	1.3	1.6	2.4	3.6	3.3	3.4	3.0	3.5	3.3	3.3	3.7	3.2	2.7	1.8	1.9	1.8	1.8	2.3	2.5	-	-	2.4	5.2	1.0	4.2	o, m	29		
30	2.7	2.0	2.1	2.1	1.7	(1.8)	-	-	-	-	4.4	4.2	4.6	5.0	4.8	4.8	4.1	3.3	2.8	2.4	2.1	2.0	1.7	1.2	-	-	-	-	-	-	-	-	c, m	30
A	2.4	2.5	2.7	2.6	2.7	2.9	2.9	3.2	3.5	3.4	3.3	3.2	3.1	3.1	3.2	3.4	3.2	2.7	2.6	2.7	2.5	2.3	2.3	2.2	-	-	2.9	-	-	-	-	-		
N	3.2	3.3	3.0	3.0	2.8	2.6	3.0	3.2	3.7	3.7	3.7	3.7	3.7	1.6	3.6	3.7	3.8	3.6	3.1	2.8	2.9	2.9	3.0	3.2	3.2	-	-	3.3	-	-	-	-	-	

CONDUCTIVITÉ D'AIR (POSITIVE) $\times 10^{-18} [\Omega^{-1} m^{-1}]$
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-18} [\Omega^{-1} m^{-1}]$

1979
TMR - GMR

Octobre - October

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	1.0	1.1	1.3	1.4	1.9	2.3	2.2	2.1	3.8	5.2	3.6	3.2	3.8	4.4	(5.7)	-	-	1.8	1.1	1.0	1.0	1.2	1.8	1.9	-	-	-	-	-	-	e,hf	1	
2	1.6	1.7	1.9	2.9	3.4	3.2	-	-	8.9	6.1	6.0	6.1	6.1	6.0	5.8	4.7	2.3	1.6	1.2	1.1	0.8	0.7	1.1	1.4	-	-	-	-	-	-	-	e,hf	2
3	1.9	2.1	2.4	2.9	3.0	3.0	2.1	2.3	3.9	4.3	3.8	4.8	4.0	4.9	5.5	4.0	2.4	1.1	1.3	1.6	1.8	2.2	2.1	2.2	-	-	2.9	6.3	1.1	5.2	e,hf	3	
4	2.3	2.6	2.5	3.3	3.7	3.2	3.3	3.6	3.8	3.6	3.6	3.7	3.7	3.7	3.3	2.6	2.8	2.0	2.0	2.9	3.2	(3.4)	-	-	-	-	-	-	-	-	-	e,hf	4
5	-	-	-	-	-	-	-	-	4.1	4.2	4.5	4.7	4.4	4.2	(4.0)	(4.3)	(1.3)	(4.1)	3.4	(0.1)	5.6	4.2	3.7	3.3	3.8	-	-	-	-	-	-	e	5
6	3.1	4.2	3.7	3.6	3.8	3.8	3.8	4.1	4.6	4.9	4.1	3.7	3.8	(3.6)	(3.8)	(3.3)	(2.1)	(1.6)	(1.2)	(1.1)	(1.1)	1.8	2.1	2.4	-	-	(3.1)	6.4	(1.1)	(3.3)	b,hf	6	
7	3.4	3.1	3.4	3.7	3.4	2.9	3.2	4.0	3.9	4.1	(4.3)	(4.1)	(3.9)	(3.9)	(3.6)	(3.8)	(2.6)	2.9	3.8	4.4	4.1	3.3	4.8	5.0	-	-	(3.7)	6.4	(2.4)	(4.0)	b,hf	7	
8	5.6	4.7	4.6	3.7	3.3	3.2	3.4	(3.4)	(3.4)	(3.6)	3.7	3.7	3.6	3.7	3.5	2.9	2.3	2.0	1.9	2.2	2.0	2.2	2.7	2.6	-	-	3.2	7.0	1.6	3.4	b,hf	8	
9	2.7	2.0	(3.2)	(3.2)	(2.7)	2.3	2.4	2.6	2.9	3.3	3.4	3.8	3.9	3.9	3.6	3.2	2.1	1.1	0.8	0.9	1.0	1.2	1.8	1.6	-	-	2.5	4.3	0.7	3.6	b,hf,m	9	
10	1.6	1.6	1.6	1.6	1.4	1.6	(2.0)	(2.8)	2.7	3.0	3.0	3.1	3.3	3.3	3.8	3.4	2.6	2.6	2.9	3.0	3.3	6.3	3.0	3.0	-	-	2.6	3.8	1.2	2.7	b,hf,m	10	
11	2.0	2.7	3.0	3.0	2.7	2.8	3.1	3.6	3.9	(4.0)	3.9	3.7	(3.8)	3.6	3.4	3.3	2.7	2.8	2.3	2.9	4.3	4.6	4.9	4.9	-	-	3.8	5.3	2.1	3.4	b,hf	11	
12	3.1	5.3	5.8	6.2	4.8	3.8	3.6	4.0	4.0	4.1	4.0	3.8	3.9	3.8	3.8	3.0	3.0	3.0	(3.3)	3.4	3.7	3.9	4.1	4.4	-	-	4.0	6.8	2.7	4.1	b,hf	12	
13	4.4	4.3	4.4	4.1	-	-	-	4.0	4.0	2.8	3.7	3.8	3.7	3.9	3.8	2.7	2.3	2.4	2.4	3.1	4.5	4.6	5.0	5.1	-	-	-	-	-	-	b	13	
14	5.3	5.5	5.1	5.0	4.3	4.5	4.8	4.5	4.4	4.5	4.2	3.9	4.1	4.3	5.0	4.7	4.1	4.8	4.9	5.2	4.8	4.9	4.8	4.8	-	-	4.7	6.8	3.6	2.3	e	14	
15	1.3	(4.0)	(2.9)	(3.0)	(2.4)	(2.6)	(2.9)	4.7	5.1	5.2	4.4	3.9	3.9	3.9	3.9	3.0	3.9	4.1	5.2	5.8	5.9	5.4	5.2	5.2	-	-	(1.3)	6.9	(1.7)	(5.2)	e	15	
16	5.2	5.0	5.7	5.4	4.9	3.7	3.1	3.6	3.4	3.6	3.2	3.1	3.3	3.3	3.2	2.4	1.7	(1.4)	(1.2)	(1.4)	2.3	3.2	3.4	3.5	-	-	3.4	6.6	0.9	5.7	e,m	16	
17	2.3	2.9	2.6	2.3	2.2	2.0	1.9	2.3	2.3	2.6	2.9	2.8	2.0	1.9	1.6	1.6	1.9	1.3	1.3	1.3	1.1	1.0	1.2	1.4	-	-	2.0	6.2	0.6	5.6	e,m,r,f	17	
18	2.2	2.4	2.6	2.1	2.3	2.3	2.0	3.2	2.7	2.9	3.3	3.6	4.1	-	4.2	5.0	(2.4)	(1.6)	(1.5)	(2.2)	2.6	2.9	3.0	2.9	-	-	-	-	-	-	e,r	18	
19	2.7	2.5	2.8	3.3	3.6	3.2	2.9	3.0	2.6	(2.1)	(2.2)	(2.3)	(2.7)	(2.8)	2.3	2.4	(2.3)	(2.4)	3.6	3.7	2.7	3.2	4.0	3.7	-	-	(2.8)	4.6	(1.8)	(3.0)	e,r,d,m	19	
20	3.4	3.3	3.0	(3.5)	(3.3)	-	-	(3.4)	3.4	(2.9)	(3.7)	2.7	2.8	2.6	2.4	2.3	(2.8)	(2.4)	(2.2)	(2.3)	2.3	2.0	2.1	2.2	-	-	-	-	-	-	-	e,r,d	20
21	2.6	3.1	3.2	3.2	3.3	3.4	3.7	3.8	2.8	4.0	4.2	-	4.8	5.2	5.7	4.4	4.1	2.0	2.0	2.0	2.0	2.2	1.7	1.4	-	-	-	-	-	-	-	e,d,r	21
22	1.9	2.1	2.7	2.3	2.3	1.9	2.7	1.2	1.8	2.0	2.1	2.9	4.3	5.2	4.7	(2.6)	(1.7)	(2.1)	(1.8)	(1.8)	2.7	2.7	3.3	2.9	-	-	(2.6)	7.3	(1.1)	(6.2)	e,r,m,d,r,hf	22	
23	2.7	-	-	-	-	-	-	4.0	4.8	6.2	7.2	3.5	4.8	5.3	5.3	3.9	1.7	1.3	(0.9)	1.0	1.3	1.8	2.8	2.7	-	-	-	-	-	-	-	e,hf	23
24	4.2	4.9	3.3	4.0	3.8	3.7	3.8	4.8	6.1	6.6	6.4	4.6	3.7	4.2	3.4	2.1	1.4	1.0	1.2	1.8	2.3	3.3	2.3	2.0	-	-	3.5	7.3	0.6	6.6	e,r,hf	24	
25	2.0	2.0	2.6	3.0	3.1	2.8	2.3	1.9	2.0	6.1	5.5	4.8	4.5	4.6	3.8	2.4	-	0.6	0.6	0.6	0.6	1.0	1.3	-	-	-	-	-	-	-	-	e,hf	25
26	1.6	1.6	1.9	2.2	2.3	2.2	2.0	(1.7)	-	-	(2.3)	(2.3)	(2.4)	(2.8)	(2.2)	(1.8)	(1.4)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.6)	(1.6)	-	-	-	-	-	-	-	e,hf	26
27	(1.8)	(2.1)	(2.4)	(2.3)	(2.4)	(2.4)	(1.7)	1.8	1.7	2.9	(2.3)	(2.3)	(2.8)	2.8	2.8	1.7	1.3	1.4	1.8	1.7	1.8	2.4	3.0	2.8	-	-	(2.3)	(3.2)	1.0	(4.2)	e,hf	27	
28	4.3	4.8	4.7	4.8	4.2	3.9	4.0	3.4	3.6	3.6	3.6	3.7	3.7	4.1	4.2	3.7	3.3	3.0	3.9	4.0	4.2	4.8	5.0	5.1	-	-	4.1	5.8	2.7	3.1	e,hf	28	
29	5.2	5.1	5.2	5.2	4.6	3.7	3.9	3.2	3.4	3.8	4.0	(4.0)	(4.3)	4.0	3.5	2.8	2.4	2.7	3.0	3.2	(3.6)	3.9	4.3	4.7	-	-	3.9	6.4	2.0	4.4	e,hf	29	
30	4.9	5.1	5.2	5.3	4.8	4.3	3.6	(3.7)	(3.1)	3.0	2.2	2.2	2.2	3.1	2.8	2.0	2.0	2.8	-	-	3.6	3.1	3.8	4.3	-	-	-	-	-	-	-	e	30
31	4.9	4.6	4.3	4.2	3.9	3.6	3.3	3.3	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.8	2.8	2.4	2.8	2.8	2.7	3.0	2.7	2.6	2.4	-	-	3.1	5.6	1.8	4.1	e	31
	3.6	3.6	3.6	3.7	3.5	3.0	2.9	3.1	3.9	4.6	4.3	4.0	3.9	4.0	3.8	3.0	2.4	2.2	2.1	2.8	3.0	2.8	3.1	3.3	-	-	3.3	-	-	-	-	-	-
	2.3	3.4	3.4	(3.8)	(3.3)	3.0	3.0	3.3	3.4	4.0	(3.9)	(3.7)	(3.8)	(3.8)	(3.8)	(3.1)	(2.5)	(2.2)	(2.3)	(2.8)	2.7	2.7	3.1	3.2	-	-	(3.2)	-	-	-	-	-	-

Novembre - November

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

1979
 TMDr - QUT

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	2.6	2.9	2.8	2.6	2.7	2.8	[2.8]	2.4	2.8	2.5	2.4	2.8	3.1	3.3	3.2	2.1	1.6	1.8	2.2	2.6	2.9	2.6	2.7	3.2	-	2.6	4.0	1.3	2.7	o,hf	1	
2	3.2	3.4	3.3	3.4	3.7	3.0	2.4	2.6	3.3	3.4	3.6	3.8	3.5	3.6	3.3	2.9	2.6	3.0	3.2	3.3	3.2	3.2	3.3	2.9	-	3.2	4.4	1.8	2.6	o	2	
3	3.0	3.4	2.9	2.5	2.3	1.8	1.4	1.9	[2.3]	-	2.4	2.6	2.6	2.5	2.0	1.3	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	b,hf	3
4	1.4	2.1	1.8	1.3	1.2	1.2	1.2	1.2	1.6	1.7	1.9	2.4	2.3	2.4	2.4	2.3	2.1	-	-	[2.2]	2.4	2.4	2.4	2.8	-	-	-	-	-	-	o,hf	4
5	3.2	3.3	3.4	3.4	3.4	2.8	2.3	2.9	3.7	3.4	3.3	3.0	3.1	3.3	2.9	2.5	2.3	2.4	2.1	1.6	1.7	2.1	2.3	2.7	-	2.8	4.0	1.4	2.6	o,r	5	
6	3.0	3.3	4.1	3.9	3.3	3.1	2.6	2.9	3.4	3.5	4.1	4.0	3.7	3.4	2.6	1.9	2.2	2.0	2.0	2.6	3.0	3.1	3.3	3.4	-	3.1	4.6	1.7	2.9	o,r	6	
7	3.2	3.4	3.0	4.4	4.2	3.7	2.9	3.3	3.2	3.6	4.3	[3.3]	4.0	4.1	3.9	4.1	3.7	2.9	2.5	3.0	2.4	3.2	3.0	3.1	-	3.5	5.7	1.4	4.3	o,r,g	7	
8	3.2	2.0	2.1	2.6	2.3	2.2	1.8	2.0	2.3	2.9	3.1	2.9	2.9	2.7	2.5	1.9	2.0	2.0	2.0	2.5	2.6	3.0	2.4	2.1	-	2.4	4.3	1.2	3.1	o,r,g,s,f	8	
9	2.2	3.2	3.0	3.0	2.7	2.7	1.9	2.3	2.4	3.1	2.6	2.7	2.9	2.4	2.6	2.7	2.4	2.3	3.0	3.3	2.7	2.6	3.3	2.3	-	2.7	4.2	1.4	2.8	o,r,m,wind	9	
10	1.6	1.8	2.0	2.3	2.4	2.0	1.7	1.7	1.5	1.8	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,m,f	10
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	1.7	2.0	2.1	1.9	2.8	-	-	-	-	-	o,r,f,m	11
12	2.6	3.6	3.8	3.3	3.2	1.7	2.2	1.7	2.6	3.2	3.0	3.8	2.2	2.5	2.3	2.1	2.0	1.6	1.9	2.1	1.8	2.1	2.3	2.6	-	2.4	6.2	1.3	4.9	o,f,m,s	12	
13	2.7	2.9	3.3	3.9	3.4	3.2	3.0	2.3	2.5	2.7	3.0	[1.0]	2.9	2.5	2.3	2.3	1.9	[1.8]	2.0	2.0	2.9	2.9	3.3	3.2	-	2.7	4.4	1.5	2.9	o,m,r	13	
14	2.8	3.0	3.7	4.3	3.4	2.8	2.1	2.7	3.3	3.7	3.3	3.4	3.1	2.6	2.4	2.3	2.4	2.0	[2.5]	2.8	2.8	3.3	3.8	4.2	-	3.0	5.2	1.6	3.6	o,r	14	
15	4.3	4.5	4.7	5.3	4.6	4.0	3.5	3.2	2.8	3.0	3.0	3.5	3.3	3.4	2.9	3.0	2.8	2.8	3.4	4.0	4.7	5.2	5.5	5.4	-	3.9	6.2	2.6	3.6	o,r	15	
16	3.2	3.5	3.5	3.1	4.6	4.1	3.8	3.7	3.7	3.6	3.3	3.9	4.0	3.5	3.0	2.3	2.4	2.9	2.6	2.6	2.1	2.7	3.0	3.7	-	3.6	6.3	1.8	4.5	o,r	16	
17	3.2	3.4	4.0	4.1	3.3	3.3	3.1	3.0	4.3	4.3	4.6	4.7	4.0	3.9	4.0	3.9	4.3	4.4	4.4	4.5	4.7	4.9	5.8	6.3	6.0	-	4.3	6.8	2.8	4.0	o,r,f	17
18	6.0	5.8	5.9	5.1	4.6	4.4	4.2	3.9	4.5	5.2	5.1	5.6	6.0	5.9	5.7	5.9	6.3	6.8	7.2	7.7	6.0	6.6	6.7	9.1	-	6.1	9.7	3.7	6.0	o,r,f,m	18	
19	9.1	9.2	9.6	9.7	9.3	8.4	7.6	7.1	6.8	6.6	6.6	6.3	6.2	6.2	5.6	5.7	5.7	6.1	7.0	6.7	7.8	8.8	9.1	9.2	-	7.5	10.7	5.3	5.4	o,d	19	
20	9.6	9.5	9.5	7.6	6.7	6.6	7.3	7.1	6.8	5.8	6.1	6.2	6.5	5.7	5.7	6.2	6.0	6.2	6.4	6.8	6.4	6.9	6.8	5.7	-	6.8	11.1	4.3	6.8	o,d	20	
21	6.9	6.5	6.5	6.5	8.6	4.9	4.5	3.0	3.2	3.7	3.9	4.2	3.2	3.1	2.6	3.3	3.0	4.5	[4.2]	3.0	2.9	3.4	3.9	3.9	-	4.1	7.5	2.3	5.2	o,d,m	21	
22	4.9	4.1	5.7	7.2	7.1	6.7	5.0	3.6	3.7	4.2	4.0	3.3	2.6	2.6	2.6	3.4	3.7	4.3	3.8	3.7	3.7	3.3	3.2	-	4.2	8.7	2.1	6.8	o,d,r	22		
23	3.1	3.3	3.3	4.0	3.9	3.7	3.4	3.6	3.0	4.0	4.0	3.7	3.3	3.4	3.9	1.8	1.4	1.3	[2.0]	1.7	2.1	2.6	2.9	3.3	-	3.0	5.0	1.2	3.6	o,r,d	23	
24	3.4	4.0	4.3	4.8	4.6	4.2	3.7	2.5	2.5	2.5	3.0	2.9	[3.0]	2.7	2.1	2.3	2.3	2.3	2.8	2.7	2.3	2.4	2.4	2.4	-	3.0	5.2	1.7	3.6	o,d	24	
25	2.7	2.6	2.7	3.2	3.3	3.3	3.6	3.6	3.3	3.3	3.0	3.0	3.2	3.3	3.9	3.6	3.4	2.9	2.9	3.6	3.6	3.7	3.6	4.2	-	3.3	4.9	2.4	2.5	o,d,m	25	
26	3.3	4.3	2.8	3.0	2.5	2.7	2.0	2.7	2.9	3.1	3.2	2.9	3.0	3.0	2.7	2.3	2.4	2.6	2.7	2.4	3.0	3.2	3.7	4.6	-	3.0	5.0	1.7	3.3	o,hf,r	26	
27	4.7	3.6	3.4	3.3	4.1	4.1	4.6	4.8	4.5	-	4.8	4.3	4.6	4.2	4.0	4.1	3.7	3.6	3.7	3.6	4.0	4.1	3.8	4.1	-	-	-	-	-	-	o,r,wind	27
28	4.1	4.9	5.4	5.8	5.2	4.6	3.7	3.4	3.5	3.9	4.3	-	4.2	3.9	2.5	2.5	2.4	2.3	2.4	3.1	4.0	2.6	2.9	3.3	-	-	-	-	-	-	o,d	28
29	2.6	2.3	2.9	2.4	2.5	2.0	1.6	2.0	2.6	2.3	2.3	2.3	2.1	1.4	1.6	1.6	1.6	2.3	2.2	1.6	1.6	2.0	2.9	3.3	-	2.2	3.6	1.3	2.3	o,d,r,m,f	29	
30	3.6	3.8	3.6	3.7	3.7	3.6	3.4	3.2	3.4	3.3	3.6	3.4	3.4	2.4	2.3	2.4	2.3	2.1	2.7	2.7	2.5	2.6	3.0	-	-	-	-	-	-	-	o,r,m	30
A	2.3	3.0	3.5	3.4	3.7	3.0	2.4	2.2	2.8	3.4	2.8	3.0	2.9	3.2	2.4	2.1	1.9	2.3	4.7	4.2	4.6	2.9	3.0	3.0	-	3.0	-	-	-	-	-	-
N	3.8	4.1	4.1	4.2	3.9	3.6	3.2	3.1	3.3	3.5	3.6	3.6	3.5	3.3	3.1	2.9	2.9	3.1	3.2	3.2	3.3	3.6	3.8	3.9	-	3.5	-	-	-	-	-	-

Décembre - December

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

1979
TMO - GMT

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	2.9	2.7	2.9	3.1	3.2	2.9	2.5	2.1	1.8	-	-	[3.3]	2.6	-	4.1	4.4	4.5	4.3	4.2	4.2	4.3	4.7	5.5	5.9	-	-	-	-	-	-	o,r	1		
2	6.6	6.7	6.7	6.6	6.6	6.9	6.0	5.8	4.7	4.4	3.9	4.1	4.1	4.0	3.6	3.4	3.6	3.4	3.4	3.5	3.9	3.9	3.5	3.4	-	4.7	7.5	3.1	4.4	o,r	2			
3	4.1	4.1	3.9	4.3	3.9	3.9	3.2	3.3	3.3	3.3	3.4	3.2	3.4	3.3	2.7	2.9	2.9	2.6	2.6	2.6	2.7	2.6	2.7	3.2	-	3.3	4.8	2.1	2.7	o,r	3			
4	3.7	3.4	3.0	2.9	3.1	3.0	2.7	2.6	2.6	3.9	3.6	3.3	3.1	2.9	2.9	2.9	3.3	3.8	2.6	3.2	2.8	2.3	2.6	2.3	-	3.0	7.8	0.8	7.0	o,r	4			
5	-	-	-	-	-	-	-	-	-	-	1.8	1.8	2.3	2.2	2.4	2.9	3.6	3.7	4.1	4.5	4.6	4.6	4.3	4.9	4.7	-	-	-	-	-	-	o,hf,r,wind	5	
6	5.5	6.8	9.0	7.2	5.5	6.4	5.2	4.7	4.9	[4.3]	4.5	4.6	4.4	-	-	-	-	-	-	3.9	3.6	3.2	3.6	3.7	-	-	-	-	-	-	-	o,r,wind	6	
7	3.7	3.9	3.8	3.7	3.4	3.6	3.6	3.3	3.1	2.8	2.3	2.8	-	2.9	3.0	2.7	3.2	3.4	3.4	3.6	3.2	3.3	3.3	3.3	-	-	-	-	-	-	-	o,r	7	
8	4.4	4.9	4.5	5.3	2.8	2.2	1.5	0.9	0.8	1.0	1.6	2.1	2.4	2.2	1.8	1.5	1.7	1.9	2.3	2.6	3.8	3.9	3.8	3.6	-	2.7	9.5	0.7	8.8	o,hf,m,f,r	8			
9	4.1	4.5	4.3	4.3	4.1	4.0	3.0	-	-	-	-	-	-	-	-	-	-	-	4.0	3.6	3.3	3.5	3.8	2.6	-	-	-	-	-	-	-	o,d,m,f	9	
10	3.1	2.9	-	-	-	-	-	-	-	3.2	3.6	3.7	3.7	3.8	4.3	4.0	4.7	4.8	5.3	5.2	7.9	7.3	5.1	6.4	5.3	-	-	-	-	-	-	-	o,r	10
11	5.5	5.0	4.7	4.4	4.3	4.0	4.5	4.3	4.2	3.6	[3.1]	2.8	2.6	2.9	3.5	3.5	3.7	5.2	5.2	3.9	4.1	4.9	4.7	5.8	-	4.2	6.6	1.5	5.1	o,r,s	11			
12	6.4	7.3	7.1	7.1	6.3	6.4	7.2	8.1	[5.2]	5.5	5.1	5.0	4.9	4.7	4.2	3.0	2.6	2.5	2.4	2.6	2.7	2.3	2.2	2.6	-	4.7	12.2	1.8	10.4	o,s	12			
13	2.7	2.7	2.9	2.7	2.4	2.4	2.0	1.7	1.3	1.8	2.3	1.7	1.9	2.0	1.8	1.7	1.6	1.2	1.0	0.8	1.0	1.1	1.2	1.3	-	1.6	3.5	0.8	2.7	b,hf,m	13			
14	1.6	1.4	1.6	1.6	2.1	1.8	1.7	1.8	2.0	2.4	2.4	2.6	2.6	2.3	1.7	1.7	1.9	2.0	1.9	1.9	2.0	2.1	2.3	2.6	-	2.0	2.9	1.3	1.6	o,hf,m	14			
15	2.6	3.1	3.3	2.9	2.9	3.0	2.8	2.3	1.6	1.7	-	-	-	1.7	1.5	-	-	1.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	o,s	15	
16	-	-	-	-	-	-	-	-	-	2.0	2.0	1.7	1.7	2.0	2.0	1.7	1.4	1.6	1.6	1.7	2.0	1.6	1.9	2.1	3.3	3.2	-	-	-	-	-	-	o,s,r	16
17	3.7	3.9	4.2	4.3	4.3	3.3	2.5	2.0	2.6	3.0	[2.9]	3.0	2.6	2.3	-	2.3	2.6	3.0	3.0	3.0	2.9	3.0	3.2	3.3	-	-	-	-	-	-	-	o,r	17	
18	5.2	4.1	5.8	6.6	4.9	4.9	2.3	2.3	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r	18	
19	-	-	-	-	-	-	-	-	-	-	-	4.2	4.0	4.2	4.2	3.0	2.7	2.6	2.3	2.6	2.6	2.6	2.3	1.6	1.7	-	-	-	-	-	-	-	o,r	19
20	1.9	2.1	2.3	2.7	2.7	2.7	2.1	2.6	[2.2]	[1.6]	1.8	2.5	2.9	2.3	2.3	2.3	2.0	2.0	2.3	2.6	2.7	2.7	2.7	2.7	-	2.4	3.4	1.6	1.8	o,hf,s	20			
21	2.5	2.9	3.2	3.3	2.9	3.0	2.4	2.1	1.8	-	-	[2.0]	1.6	1.8	1.6	1.3	1.2	1.2	1.2	1.1	1.6	1.8	1.8	2.0	-	-	-	-	-	-	-	o,g	21	
22	2.2	2.3	2.2	2.3	2.2	2.1	1.9	2.0	-	-	2.7	2.7	2.8	2.5	2.4	2.5	2.6	2.4	2.3	2.7	3.0	3.5	3.8	4.4	-	-	-	-	-	-	-	o,d	22	
23	4.3	4.5	4.6	4.9	4.3	4.0	3.8	3.5	3.3	3.5	3.5	3.5	3.2	2.8	2.6	2.6	2.7	3.1	[3.5]	4.4	-	-	-	-	-	-	-	-	-	-	-	o	23	
24	-	-	-	-	-	-	-	-	-	-	4.5	4.4	4.3	3.9	3.8	3.5	3.4	3.7	3.7	3.9	4.5	4.9	4.9	4.9	5.0	-	-	-	-	-	-	-	o,r,d	24
25	5.5	5.9	6.3	6.2	6.0	5.9	5.5	4.6	4.2	3.9	3.6	3.6	3.6	3.2	2.9	3.0	3.1	3.4	3.2	3.6	3.7	3.5	3.6	4.1	-	4.3	6.9	2.9	4.0	-	o,d	25		
26	4.1	3.7	4.3	4.5	4.5	3.7	2.4	1.8	2.0	2.0	2.3	2.3	2.0	1.6	1.4	1.3	1.7	2.0	2.3	1.8	1.6	1.6	1.8	2.2	-	2.5	5.6	1.3	4.3	o,r,m	26			
27	2.4	3.0	3.0	3.2	3.1	3.0	3.4	3.6	3.4	3.6	3.2	3.1	3.0	2.9	3.4	3.3	3.6	3.9	3.6	3.2	3.4	3.9	4.6	4.5	-	3.4	5.2	2.1	3.1	-	o	27		
28	4.6	4.8	4.9	4.9	4.6	4.5	3.9	3.0	3.2	3.4	3.3	3.6	4.1	3.9	3.9	3.7	3.3	3.4	3.3	3.6	4.0	4.2	4.9	4.8	-	4.0	5.4	2.6	2.6	-	o	28		
29	4.5	4.3	4.4	5.5	5.5	4.9	4.2	3.3	3.6	3.7	3.6	3.8	3.2	2.9	3.0	2.9	3.1	3.1	3.2	3.2	3.2	3.0	3.2	3.6	-	3.7	6.1	2.6	3.5	-	o,hf,s	29		
30	4.0	4.2	4.5	4.2	4.5	3.9	4.0	4.0	3.7	3.6	3.6	3.6	3.0	2.6	2.5	2.3	2.1	2.1	2.1	2.2	2.3	2.3	2.5	2.7	3.1	-	3.2	5.2	1.9	3.3	-	o,s	30	
31	3.3	3.5	3.3	3.6	3.3	3.2	2.6	2.6	2.6	2.7	2.9	2.9	2.3	2.0	1.7	1.5	1.4	1.5	1.6	1.6	1.5	1.7	1.6	1.7	-	2.4	4.1	1.3	2.8	-	o	31		
A	3.6	3.5	3.6	2.7	2.4	2.4	2.5	3.1	3.0	2.8	3.0	2.8	2.8	2.6	2.7	2.7	2.7	2.8	2.6	3.1	3.0	2.9	3.6	3.7	-	2.9	-	-	-	-	-	-		
N	3.9	4.0	4.3	4.3	4.0	3.8	3.4	3.1	2.9	3.1	3.1	3.1	3.0	2.8	2.7	2.7	2.8	2.9	2.9	3.1	3.2	3.1	3.4	3.6	-	3.3	-	-	-	-	-	-		

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D' AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Janvier - January

1979

Février - February

Date	I	II	III	M
1	6 890	15 760	11 820	11 490
2	19 200	11 330	12 310	14 280
3	12 800	10 830	15 760	13 130
4	11 820	12 800	16 250	13 620
5	8 370	34 960	25 850	23 060
6	10 830	13 790	12 310	12 310
7	8 860	21 170	19 200	16 410
8	9 850	10 830	8 370	9 680
9	7 880	17 730	16 740	14 120
10	16 000	6 890	9 360	10 750
11	11 820	14 770	22 650	16 410
12	9 360	9 850	22 900	14 040
13	13 290	20 680	26 340	20 100
14	13 290	20 680	15 260	16 410
15	14 530	23 140	9 850	15 840
16	7 390	10 830	16 740	11 650
17	9 360	15 760	23 390	16 170
18	8 620	9 850	11 820	10 100
19	10 830	12 800	15 020	12 880
20	5 170	11 570	12 060	9 600
21	10 340	12 310	16 740	13 130
22	11 570	11 080	12 800	11 820
23	10 340	17 230	17 230	14 930
24	11 330	14 770	20 190	15 430
25	9 360	9 850	16 250	11 620
26	9 850	16 500	16 250	14 200
27	14 280	19 700	15 760	16 580
28	10 340	53 180	29 540	31 020
29	5 170	9 850	12 800	9 270
30	9 850	11 820	13 540	11 740
31	15 260	9 850	5 680	10 260
M	10 770	15 880	16 150	14 270

Date	I	II	III	M
1	8 860	9 850	5 420	8 040
2	11 820	15 020	10 340	12 390
3	7 880	9 850	7 390	8 370
4	3 450	8 370	35 700	15 840
5	13 790	15 020	24 870	17 890
6	11 820	10 830	9 360	10 670
7	6 160	5 660	26 340	12 720
8	7 390	49 240	10 340	22 320
9	9 600	53 670	15 760	26 340
10	8 370	9 850	37 180	18 470
11	28 310	13 290	29 540	23 710
12	22 900	20 930	11 820	18 550
13	9 360	8 370	34 470	17 400
14	31 020	13 290	21 170	21 830
15	23 640	19 700	15 760	19 700
16	20 680	36 930	30 040	29 220
17	15 760	78 290	31 510	41 850
18	30 040	35 950	24 130	30 040
19	15 760	30 040	19 200	21 670
20	23 640	34 470	19 940	26 020
21	19 700	32 990	16 740	23 140
22	12 800	19 200	28 070	20 020
23	35 450	27 570	31 020	31 350
24	28 070	16 250	25 110	23 140
25	8 370	15 260	14 280	12 640
26	23 390	17 730	29 540	23 550
27	33 980	17 730	36 440	29 380
28	14 770	29 050	27 080	23 630
M	17 380	23 370	22 450	21 070

Note: I) 6¹⁰-6³⁰; II) 11⁰⁰-11³⁰; III) 18¹⁰-18³⁰ TMR - GMT

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Mars - March

1979

Avril - April

Date	I	II	III	M
1	22 900	10 340	20 430	17 890
2	13 790	14 030	28 310	18 710
3	14 770	15 510	19 700	16 660
4	6 400	8 370	13 540	9 440
5	5 170	14 280	13 050	10 830
6	10 340	8 370	16 740	11 820
7	6 890	7 880	8 120	7 630
8	10 340	11 330	32 500	18 060
9	10 830	10 830	11 820	11 160
10	9 360	10 340	12 310	10 670
11	8 860	10 340	18 710	12 640
12	11 820	22 650	10 340	14 940
13	9 360	12 310	13 290	11 650
14	11 080	12 800	11 080	11 650
15	9 850	12 800	9 360	10 670
16	10 830	10 830	9 850	10 500
17	8 620	9 360	6 890	8 290
18	6 400	12 800	19 200	12 800
19	11 620	9 360	17 230	12 800
20	10 340	9 850	16 500	12 230
21	13 540	11 820	22 650	16 000
22	13 790	10 340	21 420	15 180
23	13 790	13 050	10 830	12 560
24	8 860	50 220	13 540	24 210
25	20 680	24 620	13 290	19 530
26	9 110	17 230	9 110	11 820
27	9 360	14 280	14 530	12 720
28	6 370	6 400	10 090	8 290
29	9 360	8 860	9 850	9 360
30	15 260	19 700	12 310	15 760
31	6 160	17 730	3 940	9 280
M	10 900	13 830	14 530	13 090

Date	I	II	III	M
1	6 160	9 110	12 060	9 110
2	8 860	21 670	28 310	19 610
3	32 010	14 030	19 700	21 910
4	28 560	12 310	7 880	16 250
5	6 160	9 360	18 710	11 410
6	15 760	10 830	10 340	12 310
7	11 080	12 060	8 120	10 420
8	6 890	11 330	13 290	10 500
9	8 120	5 660	16 250	10 010
10	12 800	29 050	14 280	18 710
11	8 620	15 760	29 540	17 970
12	10 830	17 230	37 910	21 990
13	14 530	28 070	25 600	22 730
14	17 230	47 760	9 360	24 780
15	10 340	12 310	11 820	11 490
16	41 360	41 850	23 880	35 700
17	14 280	35 950	21 670	23 970
18	23 140	22 650	16 250	20 680
19	15 510	21 170	11 820	16 170
20	13 540	17 970	11 080	14 200
21	13 790	19 700	19 200	17 560
22	8 370	10 830	13 540	10 910
23	13 540	26 590	10 340	16 820
24	19 940	35 950	13 050	22 980
25	17 970	21 170	14 770	17 970
26	13 050	12 060	13 790	12 970
27	10 340	7 630	14 030	10 670
28	10 830	9 850	11 080	10 590
29	4 430	3 690	4 190	4 100
30	20 930	16 740	11 570	16 410
M	14 630	18 680	15 780	16 360

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Mai - May

1979

Juin - June

Date	I	II	III	M
1	6 400	33 240	17 970	19 200
2	18 220	16 740	12 310	15 760
3	13 790	9 600	13 290	12 230
4	13 050	10 830	8 370	10 750
5	8 120	8 120	9 110	8 450
6	6 400	8 620	8 370	7 800
7	10 090	14 280	12 560	12 310
8	6 860	8 120	21 420	12 800
9	7 140	11 060	9 850	9 360
10	7 140	10 830	12 800	10 260
11	22 160	35 210	12 060	23 280
12	40 870	22 900	14 280	26 020
13	11 820	20 680	7 140	13 210
14	7 680	10 340	11 330	9 850
15	15 020	12 310	16 250	14 530
16	26 070	15 510	16 990	20 190
17	10 340	15 760	15 260	13 790
18	13 790	29 050	17 970	20 270
19	12 560	16 740	19 700	16 330
20	11 330	9 360	8 860	9 850
21	8 860	7 140	18 220	11 410
22	11 820	21 420	12 800	15 350
23	15 760	68 940	9 850	31 520
24	6 860	14 530	18 460	13 950
25	77 800	11 820	12 800	34 140
26	9 850	13 790	15 020	12 890
27	6 120	7 390	10 340	8 620
28	24 620	15 020	14 030	17 690
29	9 360	44 070	19 200	24 210
30	6 160	14 770	9 600	10 180
31	6 650	8 120	11 820	8 860
M	14 870	17 620	13 480	15 320

Date	I	II	III	M
1	11 820	10 830	11 080	11 240
2	10 590	4 680	11 080	8 780
3	9 850	4 680	7 880	7 470
4	12 310	12 560	9 850	11 570
5	15 510	43 820	31 760	30 360
6	16 740	18 710	13 290	16 250
7	8 620	7 140	5 170	6 980
8	9 110	7 140	11 570	9 270
9	7 140	8 370	4 680	6 730
10	7 630	11 620	7 390	8 950
11	11 570	9 360	5 170	8 700
12	9 850	22 400	6 160	12 600
13	8 370	4 680	6 160	6 400
14	5 170	5 420	3 690	4 760
15	5 420	12 560	10 590	9 520
16	6 370	4 430	3 940	5 560
17	5 170	5 420	8 620	6 400
18	6 370	8 120	9 600	8 700
19	10 340	12 600	6 120	10 420
20	14 770	10 830	10 090	11 900
21	6 890	5 910	6 400	6 400
22	6 650	8 620	9 360	8 210
23	14 770	7 680	10 590	11 060
24	10 590	10 090	13 540	11 410
25	14 770	14 530	11 820	13 710
26	8 120	26 840	10 630	15 260
27	10 340	8 620	8 120	9 030
28	7 880	7 630	5 420	6 960
29	7 630	4 920	7 390	6 650
30	7 390	6 400	6 400	6 730
M	9 720	10 910	9 190	9 940

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Juillet - July

1979

Août - August

Date	I	II	III	M
1	10 090	46 260	8 860	22 400
2	11 820	9 850	14 530	12 070
3	10 340	24 620	6 650	13 870
4	6 400	29 790	4 920	13 700
5	8 620	14 280	7 880	10 260
6	10 830	9 850	8 860	9 850
7	5 170	7 390	9 110	7 220
8	7 880	8 860	8 370	8 370
9	5 910	4 190	6 160	5 420
10	8 860	7 880	7 140	7 960
11	13 050	4 920	9 600	9 190
12	5 170	6 890	6 650	6 240
13	9 850	21 910	10 340	14 030
14	18 460	15 760	8 370	14 200
15	9 850	8 860	9 850	9 520
16	8 370	14 530	8 370	10 420
17	8 620	12 800	14 030	11 820
18	7 880	10 340	6 400	8 210
19	6 160	5 910	6 400	6 160
20	12 800	23 390	11 570	15 920
21	8 120	9 600	7 390	8 370
22	8 120	15 020	11 570	11 570
23	6 650	8 370	4 430	6 480
24	11 820	33 730	9 600	18 380
25	6 650	8 620	13 540	9 600
26	6 650	6 400	10 590	7 880
27	8 120	28 810	9 360	15 430
28	8 120	14 030	5 910	9 350
29	7 390	8 860	7 630	7 960
30	7 390	8 120	7 630	7 710
31	10 830	15 020	9 850	11 900
M	8 900	14 410	8 760	10 690

Date	I	II	III	M
1	14 770	14 280	7 140	12 060
2	11 080	14 030	10 090	11 730
3	11 570	21 420	16 990	16 660
4	12 800	6 370	7 680	9 680
5	5 170	6 160	12 060	7 600
6	8 370	26 590	7 140	14 030
7	15 760	16 500	9 600	13 950
8	10 340	11 080	8 860	10 090
9	6 650	12 060	7 680	8 860
10	10 340	9 600	10 340	10 090
11	6 160	5 910	6 890	6 320
12	6 160	25 850	6 690	12 970
13	5 420	5 910	7 140	6 160
14	6 890	5 420	9 110	7 140
15	12 310	4 680	8 620	8 540
16	8 860	8 370	9 360	8 860
17	9 360	11 080	12 800	11 080
18	10 340	8 120	6 400	8 290
19	6 890	5 660	9 850	7 470
20	5 660	6 160	8 620	6 810
21	10 590	36 440	22 400	23 140
22	10 340	12 800	10 590	11 240
23	24 130	20 680	17 230	20 680
24	11 330	11 080	11 330	11 250
25	12 310	16 500	9 110	12 640
26	5 170	12 060	8 370	8 530
27	5 420	19 200	9 360	11 330
28	10 590	17 730	10 340	12 690
29	22 400	19 700	10 340	17 480
30	6 400	7 680	10 590	8 290
31	10 090	27 570	11 080	16 250
M	10 120	13 840	10 140	11 370

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Septembre - September

1979

Octobre - October

Date	I	II	III	M
1	17 970	22 400	17 970	19 450
2	9 600	10 340	16 000	11 980
3	12 560	17 970	21 670	17 400
4	10 340	11 330	6 160	9 280
5	9 850	7 390	7 630	8 290
6	7 390	8 860	7 140	7 800
7	9 600	10 340	7 390	9 110
8	6 650	6 890	5 910	6 480
9	9 360	19 450	23 390	17 400
10	12 060	7 390	8 370	9 270
11	11 080	11 570	7 630	10 090
12	5 910	30 040	24 620	20 190
13	20 190	21 910	9 850	17 320
14	10 590	14 030	27 330	17 320
15	28 810	16 500	12 800	19 370
16	10 590	15 510	9 110	11 740
17	6 400	13 790	5 910	8 700
18	13 050	11 330	11 820	12 070
19	11 570	11 080	15 020	12 560
20	6 890	16 740	32 010	18 550
21	15 760	14 770	7 630	12 720
22	9 600	7 630	6 650	7 960
23	4 680	5 170	5 170	5 010
24	10 090	10 340	5 660	8 700
25	8 620	8 860	4 190	7 220
26	8 860	10 340	17 230	12 140
27	17 480	16 740	12 060	15 430
28	19 940	21 910	12 560	18 140
29	21 670	22 650	19 700	21 340
30	16 500	42 350	7 630	22 160
M	12 120	14 850	12 540	13 170

Date	I	II	III	M
1	17 230	10 340	8 860	12 140
2	7 140	12 800	16 500	12 150
3	20 930	35 950	23 140	26 670
4	16 250	18 220	37 910	24 130
5	19 940	14 280	5 910	13 380
6	10 590	34 960	34 470	26 670
7	16 250	29 300	12 560	19 370
8	10 090	36 190	9 600	18 630
9	9 110	14 030	54 660	25 930
10	9 360	19 200	16 990	15 180
11	15 760	29 050	14 530	19 780
12	10 090	43 090	15 260	22 810
13	7 390	34 470	12 310	18 060
14	7 880	32 010	10 340	16 740
15	6 650	14 770	10 590	10 670
16	10 590	25 600	6 890	14 360
17	14 030	15 760	7 630	12 470
18	11 820	9 850	22 650	14 770
19	7 880	6 650	7 390	7 310
20	12 060	9 850	10 090	10 670
21	10 340	7 390	8 860	8 860
22	7 390	10 830	11 080	9 770
23	9 110	7 630	6 160	7 630
24	9 110	21 170	22 650	17 640
25	15 020	25 110	45 790	28 640
26	23 640	11 080	19 200	17 970
27	22 650	22 160	12 310	19 040
28	19 200	12 800	16 500	16 170
29	7 390	21 420	11 820	13 540
30	12 060	12 800	8 370	11 080
31	14 030	15 260	12 060	13 780
M	12 610	19 810	16 550	16 320

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Novembre - November

1979

Décembre - December

Date	I	II	III	M
1	7 630	12 060	16 990	12 230
2	12 060	19 450	18 220	16 580
3	7 880	17 730	25 850	17 150
4	12 560	24 130	11 820	16 170
5	9 110	5 420	8 860	7 800
6	12 560	14 280	10 830	12 560
7	13 050	11 820	9 600	11 490
8	7 390	8 860	11 330	9 190
9	8 860	7 390	7 880	8 040
10	9 850	10 830	27 080	15 920
11	7 880	11 330	14 280	11 160
12	7 390	8 620	6 160	7 390
13	8 620	10 590	11 820	10 340
14	15 510	10 340	11 820	12 560
15	4 920	11 820	24 620	13 790
16	8 120	8 620	10 340	9 030
17	11 330	9 650	11 080	10 750
18	6 400	7 630	10 340	8 120
19	6 650	9 600	10 090	8 780
20	6 890	11 060	9 360	9 110
21	7 630	8 620	10 630	9 030
22	5 910	8 860	7 880	7 550
23	10 590	11 330	11 080	11 000
24	8 370	12 800	8 120	9 760
25	7 880	6 650	8 620	7 720
26	14 280	12 560	9 360	12 070
27	6 370	11 330	11 080	10 260
28	12 060	15 020	12 560	13 210
29	16 000	9 850	7 630	11 160
30	6 890	8 860	8 860	8 200
M	9 420	11 240	12 150	10 940

Date	I	II	III	M
1	5 910	9 360	6 160	7 140
2	6 890	9 110	7 880	7 960
3	8 120	9 600	9 850	9 190
4	10 090	9 600	13 790	11 160
5	10 590	15 510	7 630	11 240
6	8 620	12 310	10 590	10 510
7	10 090	11 820	7 880	9 930
8	30 040	17 970	14 530	20 850
9	7 880	9 600	16 000	11 160
10	7 630	11 080	5 660	8 120
11	7 880	17 730	12 310	12 640
12	8 860	8 120	18 960	11 960
13	25 110	24 370	21 670	23 720
14	24 620	25 360	12 800	20 930
15	14 770	16 500	9 850	13 710
16	13 790	20 430	17 730	17 320
17	17 230	9 600	14 030	13 620
18	7 680	8 120	16 740	10 910
19	12 600	14 280	14 770	13 950
20	13 290	17 230	21 910	17 480
21	16 500	12 060	14 280	14 280
22	11 620	17 480	8 620	12 640
23	12 310	14 280	11 330	12 640
24	8 860	6 160	7 390	7 470
25	4 920	8 620	8 370	7 300
26	4 430	8 620	9 360	7 470
27	11 330	10 830	14 260	12 150
28	21 170	17 460	22 900	20 520
29	15 760	19 700	22 650	19 370
30	6 160	16 740	22 400	15 100
31	10 590	16 740	17 480	14 940
M	12 130	13 760	13 540	13 140

Janvier - January

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979

TMO - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	83.3	87.1	92.0	87.5	-18.5	-18.6	-17.8	-19.9	-18.7	-17.1	-19.9	2.8	-25.7	1.2	1.2	1.0	1.1	86	84	79	83	83	N	1	NNW	2	C	0	1.0
2	94.4	93.6	94.4	94.1	-19.8	-20.8	-9.0	-9.0	-14.6	-8.4	-23.2	14.8	-33.6	1.0	2.6	2.5	2.0	86	89	86	82	86	C	0	W	2	WSW	2	1.3
3	93.4	93.2	92.7	93.1	-8.8	-9.3	-8.2	-10.0	-9.1	-7.5	-10.3	2.8	-13.6	2.7	2.7	2.6	2.7	87	88	81	91	87	WSW	2	WSW	2	SSW	1	1.7
4	92.8	94.5	97.2	94.6	-11.5	-17.9	-18.3	-25.0	-18.2	-9.8	-25.0	15.2	-33.1	1.3	1.1	0.6	1.0	93	84	78	79	84	C	0	C	0	C	0	0.0
5	96.4	98.2	102.6	99.1	-24.0	-14.1	-7.3	-9.0	-13.6	-6.8	-25.3	18.5	-32.2	1.9	3.1	2.8	2.6	83	92	88	92	89	C	0	NNW	2	NNW	1	1.0
6	111.7	114.8	118.4	115.0	-9.4	-14.8	-5.7	-7.9	-9.4	-5.5	-15.7	10.2	-26.9	1.7	3.7	3.0	2.8	88	87	92	90	89	C	0	W	1	W	1	0.7
7	123.3	122.4	117.7	121.1	-11.4	-11.5	-9.4	-11.6	-11.0	-7.7	-12.3	4.6	-20.7	2.3	2.4	2.2	2.3	88	90	79	89	86	C	0	SSW	2	SSE	1	1.0
8	106.6	106.4	107.3	106.1	-5.2	-1.3	-1.1	-0.9	-2.1	-0.5	-11.6	11.1	-11.7	3.8	5.0	4.6	4.5	78	68	89	81	79	WSW	1	WSW	1	SSW	2	1.3
9	104.4	101.8	97.7	101.3	-0.4	-1.1	-1.1	-2.8	-1.4	-0.3	-2.8	2.5	-4.5	5.0	5.1	4.0	4.7	78	89	91	80	84	SSW	1	S	1	SSE	3	1.7
10	91.3	91.2	91.2	91.2	-2.9	-1.5	0.7	-0.9	-1.2	1.0	-3.2	4.2	-5.9	5.3	5.9	5.1	5.4	60	96	92	89	89	S	1	W	1	C	0	0.7
11	82.5	79.3	79.4	80.4	-3.2	-2.1	0.8	-2.1	-1.6	1.0	-3.4	4.4	-10.3	5.0	5.5	4.8	5.1	98	96	85	92	93	E	2	SSE	2	ESE	1	1.7
12	60.9	63.5	87.0	83.6	1.1	0.2	1.1	-3.5	-0.3	1.5	-3.5	5.0	-13.5	5.9	6.0	4.2	5.4	97	96	90	90	93	SSW	1	C	0	C	0	0.3
13	92.3	94.9	100.2	95.9	-7.7	-10.1	-5.5	-6.4	-7.4	-3.5	-10.2	6.7	-18.2	2.7	3.7	3.8	3.4	94	94	92	99	95	C	0	SSE	1	SSE	1	0.7
14	104.1	102.3	100.2	102.2	-10.2	-10.0	-4.5	-4.2	-7.2	-3.7	-12.2	8.5	-18.2	2.7	4.3	4.4	3.8	92	94	98	98	96	C	0	NNW	2	NNW	3	1.7
15	102.9	105.5	107.5	105.3	-4.1	-3.7	-2.5	-2.1	-3.1	-1.8	-4.2	2.4	-4.5	4.6	4.6	5.0	4.7	96	99	91	96	96	NNW	1	NE	1	NNE	1	1.0
16	111.3	112.0	114.5	112.8	-1.1	-1.9	-2.2	-5.0	-2.6	-0.7	-5.0	4.3	-6.2	5.1	4.4	3.9	4.5	99	96	85	93	93	NNE	1	ENE	1	ENE	1	1.0
17	115.1	115.0	116.7	115.6	-5.2	-4.9	-3.3	-7.2	-5.2	-3.0	-7.2	4.2	-7.6	3.8	4.4	3.1	3.8	91	90	92	88	90	C	0	C	0	C	0	0.0
18	120.7	120.6	122.0	121.1	-4.5	-4.7	-2.2	-4.3	-3.9	-1.7	-7.2	5.5	-9.1	4.2	4.5	4.2	4.3	97	98	87	94	94	E	2	ENE	2	E	2	2.0
19	121.9	121.5	121.4	121.6	-3.8	-5.8	-4.0	-4.8	-5.1	-3.8	-6.2	2.4	-12.7	3.4	3.9	3.9	3.7	91	87	87	91	89	ENE	2	ENE	1	ENE	1	1.3
20	118.4	117.2	117.7	117.8	-3.0	-5.8	-5.6	-8.0	-6.1	-4.8	-8.0	3.2	-8.5	3.6	3.4	2.7	3.2	91	92	85	81	87	E	1	ENE	1	ENE	1	1.0
21	119.3	119.5	120.1	119.7	-15.0	-12.9	-10.8	-13.9	-13.2	-7.8	-16.8	9.0	-23.2	2.1	2.2	1.8	2.0	88	92	83	87	88	ENE	1	ENE	1	ENE	1	1.0
22	115.7	112.3	108.7	112.2	-11.8	-11.1	-8.6	-8.2	-9.9	-7.8	-13.9	6.1	-16.6	2.4	2.7	2.7	2.6	90	90	80	84	88	SSE	3	ESE	1	SE	1	1.7
23	105.1	104.7	103.1	104.3	-7.7	-7.5	-5.6	-6.4	-6.9	-5.3	-8.2	2.9	-8.2	3.1	3.4	3.4	3.3	93	93	85	89	90	N	1	C	0	E	2	1.0
24	94.3	91.7	89.8	91.9	-9.0	-4.7	0.1	0.9	-3.2	1.0	-9.5	10.5	-12.5	4.2	5.6	6.1	5.3	91	98	90	94	93	SSE	1	SSE	2	SSE	1	1.3
25	92.3	94.3	96.3	94.3	0.4	-2.3	-2.5	-6.4	-2.7	1.2	-6.4	7.6	-14.3	4.6	4.1	3.4	4.0	99	89	80	89	89	WSW	1	W	2	C	0	1.0
26	94.4	90.5	88.3	91.1	-10.1	-10.1	-1.5	-0.9	-5.6	-0.9	-15.2	14.3	-24.2	2.7	4.4	5.6	4.2	92	94	80	98	91	SE	2	SSE	2	SSE	3	2.3
27	91.9	93.8	93.4	93.0	-3.0	-4.6	-0.7	-2.5	-2.7	0.2	-4.9	5.1	-10.5	4.1	5.2	5.0	4.8	95	96	89	98	94	C	0	SSE	1	C	0	0.3
28	84.2	83.1	84.1	83.8	-1.1	-0.1	0.3	-0.1	-0.2	0.8	-2.5	3.3	-6.5	5.9	6.0	5.9	5.9	98	98	96	98	98	NE	1	C	0	N	1	0.7
29	89.8	91.0	91.9	90.9	-1.2	-2.1	-1.7	-2.1	-1.8	-0.1	-2.2	2.1	-2.5	4.9	5.0	5.0	5.0	95	93	92	96	94	NNE	1	NNE	1	C	0	0.7
30	84.9	82.3	83.4	83.5	-3.4	-3.7	-3.7	-4.1	-3.7	-2.1	-4.3	2.2	-4.0	4.5	4.5	4.3	4.4	98	97	97	96	97	NNW	1	WNW	2	W	3	2.0
31	87.9	90.5	92.5	90.3	-3.0	-3.7	-2.6	-2.9	-3.0	-1.0	-4.2	3.2	-6.4	3.7	4.5	4.0	4.1	92	80	89	82	86	W	2	WSW	2	WSW	1	1.7
M	100.3	100.4	100.9	100.5	-7.2	-7.2	-4.6	-6.2	-6.3	-3.4	-9.8	6.4	-14.4	3.5	4.0	3.7	3.7	91	91	88	90	90		1.0		1.3		1.1	1.1

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	M	6 ^h	12 ^h	18 ^h	[mm]	[cm]	
1	10	10	7	9.0	Ns	Ns	Cl, Cs	0.7	21	* 0 ⁰⁰ -4 ⁴² , * 0 ⁷³⁸ ... 9 ⁰² , * 0 ⁰² -11 ¹⁵ , * 0 ¹¹³⁰ -12 ¹⁵ , * 0 ¹³³⁵ ... 16 ⁴³ , * 0 ¹⁶¹⁷ ... 24 ⁰⁰
2	7	9	7	7.7	Cu	So	So	0.2	21	* 0 ⁰⁰ ... 7 ³⁷ , * 0 ⁷³⁷ -11 ⁵⁷ , * 0 ¹¹⁵⁷ ... 14 ³⁵ , * 0 ¹⁸²³ ... 21 ¹² , * 0 ²³⁰⁰ ... 24 ⁰⁰
3	10	10	10	10.0	So	So	Ns	1.5	23	* 0 ⁰⁰ ... 5 ²⁴ , * 0 ⁷¹⁰ -7 ⁵⁰ , * 0 ⁸¹⁰ -8 ⁴⁸ , * 0 ⁹⁰⁰ -9 ⁰⁵ , * 0 ¹¹⁵⁵ -12 ⁰⁵ , * 0 ¹²²³ -14 ²⁵ , * 0 ¹⁴³⁵ -24 ⁰⁰
4	0	0	2	0.7	.	.	Cu	0.4	25	* 0 ⁰⁰ , * 0 ⁸⁴⁰ -8 ⁵⁰ , * 0 ¹⁵¹³ ... 19 ⁰¹ , * 0 ¹⁹²⁸ -19 ⁵⁸
5	10	10	10	10.0	Ns	Ns	Ns	4.1	26	* 0 ⁻¹⁰⁵⁵ -22 ¹⁷
6	0	10	10	8.7	.	St	St	0.3	33	Δ 0 ⁷¹⁵ ... 14 ²³ , Δ 0 ¹⁶⁴⁸ ... 19 ²⁴ , * 0 ²⁰⁴¹ ... 24 ⁰⁰
7	10	6	9	8.3	St	Cl, Cs	Cs	0.1	32	* 0 ⁰⁰ ... 9 ²⁸
8	10	10	10	10.0	As	As, Ns	As	2.2	24	* 0 ^{ns-p}
9	10	10	10	10.0	St	Ns	As	1.1	21	* 0 ^{ns} ; Δ 0 ⁶¹⁵ -8 ²⁰ ; * 0 ⁸²⁰ -12 ¹⁵ ; * 0 ¹²¹⁵ -12 ⁵⁵ ; * 0 ¹⁶¹⁹ -16 ⁴² ; Δ 0 ¹⁸⁵⁵ -14 ⁰¹ ; = 12 ³⁵ -15 ²⁰
10	10	10	9	9.7	Ns	Ns, As	So	0.9	21	* 0 ⁻¹⁴³³ -9 ²²
11	10	10	1	7.0	St	St	Cl	2.7	22	Δ 0 ⁴⁰³ -9 ²⁵ ; * 0 ²⁰³⁰ ... 23 ²⁴
12	10	7	0	5.7	So	Cl, Cs, Cu	.	.	22	* 1 ²³ -3 ³²
13	4	1	10	5.0	Cl	Cl	So	.	21	* 0 ^{ns-p}
14	10	10	10	10.0	St	Ns	Ns	7.8	21	* 0 ^{ns} -12 ¹⁰ ; * 0 ⁻¹²⁰⁹ -20 ³⁸ , * 0 ²³²¹ ... 24 ⁰⁰
15	10	10	10	10.0	Ns	St	St	2.9	30	* 0 ⁰⁰ ... 6 ²⁶ , * 0 ⁻¹³²⁵ -17 ⁵¹ , * 0 ¹⁸¹¹ ... ns-p
16	10	10	10	10.0	St	St	St	1.2	33	Δ 1 ⁻⁶ ns-13 ⁰⁸ , Δ 0 ¹²⁰⁸ -14 ²⁴
17	10	10	10	10.0	St	Ns	St	4.7	33	* 0 ⁻¹⁶¹⁵ -16 ⁰³
18	10	10	10	10.0	As	So	So	.	39	
19	10	10	10	10.0	As	St	St	0.1	36	Δ 0 ⁶¹² -6 ³⁵ , Δ 0 ⁷²⁵ ... 15 ⁰²
20	10	10	9	9.7	St	St	So	0.2	35	Δ 0 ⁶⁰² ... 14 ⁴⁹
21	10	9	4	7.7	Ns	As, As	As, As	0.1	35	* 0 ¹³⁷ ... 6 ⁴³ , * 0 ⁶⁴³ -8 ⁵¹ , * 0 ¹⁰⁰⁰ ... 12 ²⁵
22	10	10	10	10.0	As	St	St	0.8	35	* 0 ⁷¹⁷ -10 ¹⁵ ; Δ 0 ¹¹⁰⁷ ... 19 ²⁹ , Δ 0 ¹⁹²⁹ -24 ⁰⁰
23	10	10	10	10.0	As	St	St	0.3	35	* 0 ⁰⁰ -3 ³⁷ , Δ 0 ⁶⁴⁰ -15 ²²
24	10	10	10	10.0	St	So	St	2.3	34	Δ 0 ¹¹⁷ -1 ⁴⁴ , Δ 0 ⁴²⁶ ... 8 ⁵⁵ ; * 0 ⁻¹⁹⁵³ -24 ⁰⁰
25	10	9	6	8.3	So	So	As	0.1	32	* 0 ⁻¹⁰⁰⁰ -2 ⁰⁹ , * 0 ⁶⁰⁶ -9 ³⁰ , * 0 ¹⁰⁰⁶ -11 ⁰⁹
26	0	2	10	4.0	.	Cl	St	.	32	
27	10	8	7	8.3	St	Cl, Cs	So, Cu	1.6	31	* 0 ⁶²² -7 ³⁵ , * 0 ⁸⁴⁷ -10 ⁰¹ , * 0 ²⁰¹⁹ -24 ⁰⁰ ; = 0 ⁻⁹⁰⁵
28	10	10	10	10.0	Ns	Ns	Ns	11.1	33	= ns-p; * 0 ⁰⁰⁰ -5 ¹⁰ ; * 0 ⁻¹⁵¹⁰ -12 ¹⁵ ; * 0 ¹²⁵³ -16 ⁵⁰ ; * 0 ¹⁷¹² -21 ³⁵ ; * 0 ²¹³⁵ -ns-p; * 0 ^{ns-p} -24 ¹²
29	10	10	10	10.0	St	So	So	4.7	32	* 0 ⁸¹⁰ -11 ²⁵
30	10	10	10	10.0	Ns	Ns	Ns	21.9	36	* 0 ⁻²¹⁶ -20 ⁰⁶ , * 0 ²¹⁴⁹ ... 22 ⁵⁷ , * 0 ²²⁵⁷ -24 ⁰⁰
31	10	10	9	9.7	As	So	So	1.1	66	* 0 ⁰⁰⁰ -0 ⁴⁷ , * 0 ¹¹⁰⁴ -11 ⁵⁴ , * 0 ¹⁵¹¹ -16 ⁵² , * 0 ⁻¹²⁰⁴⁵ ... 24 ⁰⁰
M	8.7	8.7	8.4	8.6				75.1*		* Le total mens Monthly mean

Février - February

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979
TMO - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	91.9	92.7	94.5	93.0	-3.2	-2.4	1.0	1.0	-0.9	1.3	-4.2	5.5	-7.3	4.4	6.2	6.2	5.6	92	87	94	94	92	SSW	1	WSW	2	SSW	1	1.3
2	88.6	81.7	78.3	82.2	-1.4	-2.5	1.5	1.5	-0.2	2.4	-2.5	4.9	-6.4	4.4	5.8	6.4	5.5	93	86	85	94	90	S	2	S	3	SSW	2	2.3
3	89.5	91.7	90.3	90.5	0.9	-0.5	0.6	-3.3	-0.6	2.0	-3.3	5.3	-11.3	4.5	4.3	3.9	4.2	89	76	87	81	78	W	2	WSW	1	SSW	1	1.3
4	86.4	89.6	92.8	89.6	-1.6	-0.4	1.5	-3.5	-1.0	2.0	-4.6	6.6	-12.1	5.6	5.2	3.8	4.9	74	94	78	81	81	SW	1	W	3	C	0	1.3
5	91.6	89.2	90.4	90.4	-9.0	-6.8	0.2	-5.8	-5.4	1.6	-9.2	10.8	-18.8	3.3	4.1	3.6	3.7	97	91	66	92	86	SSE	1	S	2	C	0	1.0
6	95.8	98.8	102.5	99.0	-13.3	-12.5	-4.7	-3.8	-8.5	-3.5	-13.6	10.1	-16.4	2.3	4.0	4.3	3.5	94	96	93	92	94	C	0	WSW	1	NW	1	0.7
7	104.5	103.1	100.8	102.8	-3.8	-4.6	-1.4	-6.9	-4.2	-0.9	-6.9	6.0	-16.6	4.1	3.6	3.3	3.7	98	96	86	91	88	WNW	1	W	1	E	1	1.0
8	90.0	84.3	82.8	85.7	-6.4	-7.4	-2.9	-0.7	-4.4	-0.1	-7.7	7.6	-16.4	2.9	4.6	5.3	4.3	88	82	93	91	88	SSE	2	SSE	3	WSW	2	2.3
9	91.1	91.2	90.6	91.0	-2.7	-4.0	-0.8	-2.1	-2.4	-0.3	-4.0	3.7	-8.0	3.6	3.5	3.5	3.5	93	80	61	66	75	W	2	WSW	3	WSW	3	2.7
10	91.2	91.2	93.0	91.6	-4.7	-13.9	-2.3	-11.3	-8.0	-1.8	-13.9	12.1	-21.7	1.9	3.5	2.2	2.5	78	92	68	86	81	C	0	WNW	1	C	0	0.3
11	96.0	99.4	101.3	98.9	-16.9	-19.6	-4.6	-12.5	-13.4	-3.9	-19.6	15.7	-27.2	1.1	3.0	2.2	2.1	87	89	69	92	84	C	0	W	2	C	0	0.7
12	98.1	92.1	85.3	91.8	-16.4	-9.0	-3.5	-3.3	-8.6	-3.0	-19.6	16.6	-27.2	2.8	3.0	4.5	3.4	87	92	63	95	84	E	2	ESE	3	E	2	2.3
13	76.6	79.5	85.0	81.0	-3.5	-4.8	-3.7	-9.7	-5.4	-2.8	-9.7	6.9	-17.2	4.1	3.8	2.8	3.6	95	95	83	94	92	NNE	1	NNW	1	C	0	0.7
14	69.0	67.2	88.9	86.4	-11.0	-7.4	-5.6	-6.9	-7.7	-5.0	-13.2	5.2	-21.7	3.3	3.6	3.2	3.4	97	93	90	88	92	ENE	1	E	2	E	2	1.7
15	95.5	100.3	106.2	101.3	-6.9	-7.6	-7.1	-6.1	-7.4	-6.4	-8.1	1.7	-8.5	3.2	2.9	2.9	3.0	93	93	80	87	88	ENE	2	ENE	2	ENE	3	2.3
16	121.0	123.1	125.9	123.3	-9.2	-15.1	-11.2	-14.1	-12.4	-7.6	-16.2	8.4	-17.3	1.5	1.1	1.2	1.3	80	77	41	58	64	E	3	E	3	E	3	3.0
17	122.9	121.0	119.7	121.2	-13.4	-10.8	-6.6	-7.0	-9.4	-5.6	-14.4	9.6	-17.7	1.4	1.9	2.8	2.0	60	53	51	77	60	E	3	ESE	5	ESE	2	3.3
18	117.5	115.6	116.1	116.5	-5.9	-8.0	-1.3	-2.9	-3.8	-1.2	-7.1	5.9	-7.2	3.6	2.8	3.0	3.1	67	85	60	60	66	E	2	ESE	3	ESE	3	2.7
19	116.4	121.3	124.1	121.3	-3.5	-3.7	1.3	-1.3	-1.8	1.5	-3.8	5.3	-6.5	3.3	3.5	3.6	3.5	61	71	53	64	62	ESE	2	ESE	4	E	3	3.0
20	126.2	129.0	128.9	128.7	-6.7	-9.0	-2.7	-5.2	-5.9	-1.3	-9.6	8.3	-13.5	2.6	3.2	2.9	3.0	83	92	65	70	78	ESE	1	ESE	2	ESE	1	1.3
21	127.1	124.8	123.0	125.0	-8.2	-10.3	-3.0	-7.4	-7.2	-2.7	-10.5	7.8	-15.4	2.4	3.0	2.9	2.8	79	87	62	82	78	E	1	SE	2	E	1	1.3
22	120.7	118.3	116.1	119.0	-13.2	-12.2	-0.5	-6.8	-8.2	-0.4	-14.8	14.4	-23.7	2.2	2.8	2.6	2.5	96	93	47	72	77	ESE	1	SE	2	E	1	1.3
23	117.0	116.0	116.7	116.6	-9.7	-14.5	-0.2	-6.6	-8.2	0.2	-15.2	15.4	-24.6	1.9	2.8	2.5	2.4	87	96	46	77	76	ESE	1	SSE	2	C	0	1.0
24	118.4	116.3	117.8	116.2	-14.0	-19.4	-1.9	-7.4	-10.7	-1.3	-19.4	18.1	-26.2	1.2	2.9	2.9	2.3	99	89	54	82	81	C	0	S	2	C	0	0.7
25	117.5	119.2	121.9	119.5	-8.4	-8.0	-1.9	-3.4	-5.4	-1.5	-8.8	7.3	-16.5	3.1	3.8	4.3	3.7	83	93	71	90	84	C	0	C	0	C	0	0.0
26	122.2	120.5	118.5	120.4	-12.7	-8.8	1.5	-5.6	-6.4	1.7	-14.2	15.9	-20.2	2.9	4.9	3.5	3.8	85	92	72	87	84	S	1	W	2	SSW	1	1.3
27	113.9	112.1	111.5	112.5	-10.6	-11.9	2.3	-3.1	-5.8	3.2	-14.4	17.6	-20.2	2.5	3.8	4.1	3.5	98	100	52	84	84	SSE	1	SW	2	SSW	1	1.3
28	109.2	106.6	104.4	106.7	-8.1	-10.9	2.7	-0.7	-4.2	3.0	-10.9	13.9	-17.7	2.6	4.1	3.7	3.5	94	97	55	64	78	SSE	1	S	2	E	1	1.3
M	104.6	104.2	104.7	104.5	-8.1	-6.7	-1.9	-5.3	-6.0	-1.1	-10.7	9.6	-16.6	3.0	3.6	3.5	3.4	87	86	67	82	81	1.2	2.2	1.2	1.5			

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	M	6 ^h	12 ^h	18 ^h			
1	10	10	10	10.0	Sc	Ns	St	2.4	62	* 0-1000-243, * 0-1637-1318
2	8	10	10	9.3	Cl, Co, Cs	As, Ao	Ns	1.6	58	* 0-1711-1013, * 0-1112-1132; * 0-1522-2140
3	10	10	1	7.0	Sc	Sc	Cu	0.2	56	* 0-na-304; * 0-2318-2323
4	10	9	0	6.3	Sc	Sc	.	0.1	54	* 0-349-838, * 0-851...1047
5	10	1	0	3.7	Sc	Ao	.	.	54	— 0-na-910
6	10	9	10	9.7	St	As	St	0.2	53	— n-11; V 0-n-15; Δ 0-620-700, Δ 0-715...907; * 0-1200-1238, * 0-1246-1500, * 0-1513-1516, * 0-1647...2208
7	10	9	0	6.3	Sc	Sc	.	.	52	
8	9	10	10	9.7	Ao, As	Ns	Ns	4.8	51	* 0-855-900, * 0-1107-1645, * 0-1718-1730, * 0-2002...2400; Δ 0-1926...1107
9	9	0	9	6.0	Sc	.	Sc	.	57	* 0-00...345
10	10	0	0	3.3	St	.	.	.	55	— n-930; V 0-n-10
11	0	0	0	0.0	.	.	.	.	54	— 1-n-920, — 0-1730-np
12	10	10	10	10.0	As	As	St	1.6	54	— 0-na-9; Δ 0-1348-2400
13	10	10	0	6.7	St	St	.	0.4	55	Δ 0-00-715, Δ 0-955-1512, Δ 1-1557-1606; — 0-715-955
14	10	10	10	10.0	Ns	Ns	Ns	4.7	55	* 0-1648-1420, * 0-2244-2400
15	10	10	10	10.0	St	St	Ns	0.7	59	* 0-00-214, * 0-1520-1957; Δ 0-403...1520
16	7	3	2	4.0	Cl, Cs	Cl, Cs	Ao	.	63	
17	9	10	10	9.7	As	St	Ns	0.8	63	— 0-n-1416; * 0-1416...1947
18	10	9	10	9.7	Ns	As, Ao	As	0.2	55	* 0-n-642, * 0-1512-1545; * 0-1155-1218
19	9	8	0	5.7	Cl, Cs, Co, Cu	Cs, Cu	.	.	52	
20	10	0	0	3.3	Sc	.	.	0.0	47	* 0-03...921
21	7	7	1	5.0	Cl, Cs	Cl, Co, Cs	Cl	.	47	
22	5	1	0	2.0	Cl, Cs	Cl, Cs	.	.	47	— 0-n-920
23	1	0	0	0.3	Cl	.	.	.	46	— 0-n-930
24	1	0	7	2.7	Cl	.	Cl, Cs	0.3	46	— 0-n-9
25	10	10	9	9.7	St	St	Sc	0.1	46	— n-np; Δ 0-32-231, Δ 0-335-917, Δ 0-1158-1436; * 0-1451-1604
26	10	2	0	4.0	Sc	Cl	.	.	46	— na-9; V 0-na-850; * 0-346...425
27	0	1	0	0.3	.	Ao	.	.	46	— 1-na-725
28	0	0	7	2.3	.	.	Cs, Ao	.	46	— 0-n-715
M	7.7	5.7	4.5	6.0				18.1*		* Le total mens Monthly mean

Mars - March

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979
TMO - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.		Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M		
1	100.9	102.9	108.1	104.0	-2.5	-4.1	2.3	-0.9	-1.3	3.0	-4.1	7.1	-10.6	4.0	4.5	4.5	4.3	68	89	63	79	75	E	1	S	2	S	1	1.3
2	114.7	114.7	114.6	114.7	-1.9	-0.9	4.8	-0.4	0.4	5.6	-2.4	8.0	-9.6	5.7	6.4	5.4	5.8	88	99	75	92	88	SSE	1	S	1	O	0	0.7
3	114.3	114.3	113.3	114.0	-2.6	0.9	6.6	2.6	1.9	7.0	-2.7	9.7	-11.5	5.1	5.2	6.8	5.7	100	79	54	93	82	S	2	S	2	S	2	2.0
4	111.5	110.2	109.7	110.5	2.1	2.6	7.5	4.7	4.2	9.4	2.1	7.3	0.1	6.8	7.2	7.0	7.0	99	93	69	82	86	S	1	WSW	2	S	1	1.3
5	115.8	116.2	118.5	117.5	3.8	0.8	1.9	-2.5	1.0	4.8	-2.5	7.3	-7.0	6.5	5.7	4.7	5.6	100	100	82	93	94	NW	1	WSW	1	C	0	0.7
6	118.4	117.0	113.8	116.4	-6.2	-4.2	-0.7	-2.1	-3.3	1.3	-6.3	7.6	-9.6	4.4	4.7	4.9	4.7	99	98	81	94	93	SSE	1	SSE	1	E	1	1.0
7	108.0	106.2	105.1	106.4	-1.3	1.0	3.2	2.7	1.4	4.0	-3.6	7.6	-7.4	6.1	6.4	6.4	6.3	100	92	83	86	90	SSE	2	SSE	3	SSE	2	2.3
8	105.1	106.6	108.3	106.7	1.4	1.5	3.2	1.4	1.9	3.8	0.8	3.0	-0.4	6.7	6.6	6.5	6.6	96	98	86	96	94	SSW	1	WSW	1	SSE	1	1.0
9	109.4	105.4	102.3	105.7	1.1	0.1	4.1	-0.1	1.3	4.1	-0.2	4.3	-2.8	5.7	5.3	5.4	5.5	96	92	64	90	86	WNW	1	S	1	SSE	1	1.0
10	88.5	88.2	94.4	90.4	0.4	0.4	1.3	0.7	0.7	1.5	-0.1	1.6	-1.0	5.4	6.6	6.0	6.0	84	86	98	94	90	SSE	4	SSW	2	W	1	2.3
11	99.1	99.4	98.7	99.1	-0.8	-1.5	1.7	-1.9	-0.6	3.0	-1.9	4.9	-6.6	5.2	5.6	5.1	5.3	96	96	81	96	92	SW	1	SSW	1	C	0	0.7
12	92.6	87.5	89.9	90.0	-3.7	-3.7	0.2	0.5	-1.7	3.7	-5.6	9.3	-13.6	4.3	6.1	6.2	5.5	95	92	98	98	96	SSE	1	SSE	2	C	0	1.0
13	91.6	90.6	92.2	91.5	0.0	0.7	7.0	3.1	2.7	7.2	-0.1	7.3	-5.8	6.4	6.2	6.4	6.3	99	100	61	84	86	SSW	1	WSW	3	W	1	1.7
14	93.9	96.5	99.2	96.5	2.5	1.4	2.3	0.4	1.6	3.1	0.4	2.7	-0.9	6.0	4.7	4.6	5.1	86	89	65	73	78	W	1	NW	1	NW	1	1.0
15	100.9	101.1	99.8	100.6	-1.8	-3.9	2.5	-0.8	-1.0	2.8	-4.4	7.2	-9.4	4.1	3.7	4.2	4.0	82	89	51	73	74	ENE	1	ESE	1	E	1	1.0
16	92.8	88.4	84.8	88.7	-0.6	0.1	2.6	2.7	1.2	3.3	-1.2	4.5	-2.0	5.4	6.6	6.8	6.3	75	88	89	91	86	ESE	2	SE	2	ESE	2	2.0
17	79.3	80.5	92.9	84.2	2.7	3.3	1.9	1.4	2.3	5.0	1.2	3.8	-0.1	7.1	6.9	5.1	6.4	94	91	98	76	90	SSE	1	WSW	2	WSW	1	1.3
18	88.8	92.9	96.8	92.8	-0.3	-3.0	-3.3	-5.4	-3.0	1.4	-5.4	6.8	-5.4	4.3	3.6	3.5	3.8	96	88	74	85	86	WNW	2	WNW	2	C	0	1.3
19	93.3	90.1	92.6	92.0	-6.5	-4.5	0.4	-0.4	-2.8	0.4	-6.5	6.9	-6.5	3.8	4.8	5.6	4.7	84	86	76	94	85	ESE	2	ESE	1	C	0	1.0
20	99.6	97.9	95.2	97.6	-3.7	-5.6	0.3	-0.1	-2.3	1.8	-6.5	8.3	-12.2	3.8	4.8	5.2	4.6	91	95	77	86	87	C	0	ESE	1	ESE	1	0.7
21	89.8	92.6	95.8	92.7	3.0	5.0	8.5	2.3	4.7	10.3	-0.4	10.7	-4.4	8.4	8.8	6.8	8.0	94	97	80	95	92	ESE	1	SSW	1	SSW	1	1.0
22	99.9	100.4	104.2	101.5	0.3	2.5	11.5	2.7	4.2	12.1	-0.6	12.7	-5.4	6.8	7.3	5.3	6.5	98	93	54	72	79	SSE	1	SSW	1	C	0	0.7
23	101.9	99.0	99.6	100.2	-0.6	1.5	2.7	3.3	1.7	3.7	-0.6	4.3	-3.9	5.8	7.3	7.3	6.8	94	85	98	95	93	ESE	2	SSE	1	W	2	1.7
24	106.7	107.0	108.6	107.4	-0.5	1.1	6.4	2.1	2.3	6.8	-1.9	8.7	-4.4	5.7	5.1	5.4	5.4	95	87	53	77	78	W	2	W	2	WSW	1	1.7
25	111.6	110.2	106.6	109.5	-2.8	-3.0	7.3	3.2	1.2	8.1	-4.4	12.5	-6.4	4.6	5.4	5.2	5.1	100	95	53	68	79	C	0	S	1	ESE	1	0.7
26	98.4	95.4	92.6	95.5	3.0	3.7	7.7	7.1	5.4	9.0	2.5	6.5	-0.3	5.2	6.2	7.9	6.4	68	65	59	78	68	SSE	4	SSE	2	SSE	2	2.7
27	90.3	90.7	91.1	90.7	4.6	4.4	10.4	6.8	6.6	12.0	3.9	8.1	1.6	8.2	9.7	9.3	9.1	99	96	77	94	92	SSE	1	W	1	E	1	1.0
28	88.6	87.7	87.4	87.9	5.1	4.7	7.0	5.8	5.6	7.4	4.5	2.9	1.1	8.4	9.0	8.8	8.7	99	98	90	95	96	ESE	1	E	2	ESE	1	1.3
29	86.0	86.5	85.0	85.8	5.7	5.2	7.4	5.1	5.8	7.8	5.0	2.8	4.9	7.6	9.1	8.6	8.4	96	86	88	98	92	ESE	1	E	2	SE	1	1.3
30	84.7	84.5	84.7	84.6	5.3	5.3	13.7	6.2	7.6	14.0	4.9	9.1	4.1	8.5	8.2	9.2	8.6	100	95	52	97	86	SSE	1	SSE	3	ENE	1	1.7
31	83.0	84.5	87.4	85.0	4.7	4.1	4.3	3.3	4.1	6.2	3.3	2.9	1.6	8.0	7.9	7.5	7.8	99	98	95	97	97	NNE	2	W	1	W	2	1.7
M	98.7	98.3	99.1	98.7	0.3	0.5	4.4	1.7	1.7	5.6	-1.1	6.7	-4.3	5.9	6.3	6.2	6.1	93	92	75	88	87	1.4	1.6	1.0	1.3			

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	1	10	0	3.7	Cu	Se	.	0.1	45	* 0-18 ³⁰ -9 ⁵¹
2	10	4	0	4.7	St	Cl	.	0.0	44	=na-9 ¹⁵
3	10	9	10	9.7	Se	Se	Na	1.9	41	0 ²¹ -2 ³⁸ , 0 ²⁵ -3 ¹⁸ , 0 ¹⁵ -3 ²⁶ -22 ²³ , 0 ⁰ -12 ¹⁷ ...24 ⁰⁰
4	10	10	10	10.0	Se	Se	Se	1.5	37	0 ⁰ -10 ⁰⁰ ...2 ⁴⁸ , 0 ¹³ -3 ³³ -14 ¹² , 0 ⁰ -1 ¹⁹ -26 ²⁴ -00
5	10	9	0	6.3	St	Se, Cu, Ce	.	.	31	0 ⁰ -00...1 ¹⁶ ; =20 ¹⁰ -ap
6	10	9	0	6.3	St	Cu	.	0.0	26	V ¹ n-10; =n-7 ²⁰ , =1 ⁰⁸ -13 ³⁰ ; 2 ¹² ...7 ¹⁴ ; 0 ²² -55-23 ¹⁷
7	10	10	10	10.0	St	St	Se	0.1	26	0 ¹⁷ -18-17 ³² ; 0 ¹⁹ -55-np; 0 ²³ -52...24 ⁰⁰
8	10	10	10	10.0	St	St	Ac, As	.	23	0 ⁰ -00...2 ⁰⁴ ; =n-6 ¹⁵ , =9 ¹⁰ -12 ³⁰ , =13 ⁵⁰ -ap; na 0 ¹⁵ -8 ³⁰ , na 1-2 ³⁰ -8 ¹⁵ , na 0 ¹⁵ -9 ¹⁰
9	10	1	10	7.0	Se	Cu	Se	.	23	
10	10	10	7	9.0	Na	Na	Ac	7.1	21	* 0-16 ⁰⁰ -11 ¹⁰ , * 1-2 ¹³ -17-15 ³³ ; 0 ¹¹ -10-11 ³⁸ ; 2 ¹¹ -38-13 ¹⁷
11	6	8	1	5.0	Ac	Se, Ac, Ch, Cu	Cu	0.6	24	* 0 ⁴⁰ -10 ⁰⁸ , * 0 ¹⁰ -18-10 ³⁷ , * 0 ¹¹ -29-12 ³⁸ , * 0 ¹³ -21-13 ³² , * 0-2 ¹³ -56...18 ¹⁸
12	7	10	8	8.3	Ac	Na	Ac, As	2.6	25	* 1-2 ¹⁰ -18-11 ⁵² , * 18 ⁵⁷ -19 ¹¹ ; 0 ¹¹ -52-13 ³⁵ ; =13-17
13	10	7	10	9.0	Na	Ac, As	Se	0.3	28	* 0-18 ⁵³ -8 ⁴⁰ ; 0 ⁶ -10...7 ¹⁰ , 0 ⁸ -45-9 ²⁸ , 0 ⁹ -40-53, 0 ¹³ -00-13 ⁰² , 0 ¹³ -09-13 ¹⁵ , 0 ¹³ -47-13 ⁵³ , 0 ¹⁴ -33-14 ⁴⁸ , 0 ¹⁶ -18...21 ¹⁷ , 0 ²³ -00...24 ⁰⁰
14	10	10	10	10.0	Se	Se	Se	.	22	0 ⁰ -00...2 ¹⁸ , 0 ² -87...3 ¹⁷ , 0 ⁴ -30...4 ⁴⁰
15	8	3	9	6.7	Cl, Cu	Cl	Ac, As	.	21	
16	10	10	10	10.0	Na	Na	St	0.4	20	0 ⁰ -03-02, 0 ⁹ -45...11 ⁴³ , 0 ²¹ -62-23 ⁰⁰ , 0 ²³ -00...23 ²⁵
17	10	10	10	10.0	Se	St	Se	2.0	16	0 ¹ -58-2 ⁰⁸ , 0 ⁷ -18...13 ³⁵ , 0 ⁵ -51-6 ¹⁸ ; 0 ⁰ -1 ¹⁹ -28...24 ⁰⁰ ; =8 ⁴⁰ -ap
18	10	10	9	9.7	Na	Na	Se	0.1	17	* 0-10 ⁰⁰ ...15 ⁰³ , * 0 ¹⁵ -14-15 ³⁸ , * 0 ¹⁵ -51...16 ²¹ , * 0 ¹⁸ -47-18 ⁵⁰ , * 0 ¹⁹ -57-20 ⁰⁷
19	10	10	10	10.0	Se	St	Na	3.2	18	* 2 ⁵⁵ -08, * 0 ⁵ -45...6 ²⁷ , * 0 ¹² -10-12 ⁴² , * 1 ¹² -42-15 ¹² , * 0 ¹⁵ -12-16 ²⁰ , * 0 ¹⁷ -38...18 ⁵⁸
20	10	9	0	6.3	St	Se	.	0.1	21	* 0 ⁴ -13...6 ²⁴ , * 0 ⁶ -40...8 ⁰⁸ , * 0 ¹⁰ -08...10 ⁴⁴
21	10	10	1	7.0	Na, As	Se	Cu	4.0	16	=n-11 ⁰³ , 0 ⁹ -14-6 ⁴³ , 0 ¹ -43-9 ⁰⁸
22	0	3	5	2.7	.	Cu, Ac	Cs, Cu	.	12	0 ⁰ -n-6 ²⁰
23	10	10	10	10.0	Ac	St	St	2.6	9	0 ⁶ -16-8 ⁴⁷ , 0 ¹ -8 ⁴⁷ -11 ⁴⁵ ; 0 ⁹ -11 ⁴⁵ -12 ³⁰ , 0 ⁹ -17 ²⁸ -18 ⁴⁵ ; =9 ¹⁰ -17 ¹⁰
24	9	1	0	3.3	Se	Cu	.	.	6	
25	0	0	0	0.0	.	.	.	.	.	=n-8 ⁴⁰ ; 1 ¹ -n-8 ⁵⁰
26	9	10	10	9.7	Cu, As	Ac, Ac	Ac	2.0	.	0 ¹⁷ -43-17 ⁵⁸ , 0 ²⁰ -16-20 ³² , 0 ⁰ -12 ¹⁶ -23 ³¹
27	10	9	10	9.7	Ac, As	Cl, Cs, Cu	Cs, Cu	0.1	.	0 ¹ -39-2 ¹⁷ , 0 ⁰ -1 ¹⁴ -4 ³⁷ , 0 ²² -00-2 ⁰⁸ , 0 ²³ -47...24 ⁰⁰ ; =n-10, =16-18
28	10	10	10	10.0	As	Se	Se	0.2	.	0 ⁰ -00...6 ³⁷ , 0 ¹⁰ -38-11 ¹⁴ ; 0 ²¹ -44-23 ¹² , 0 ²³ -18...24 ⁰⁰ ; =na-10
29	10	10	10	10.0	St	Se	Na	4.1	.	=n-7 ²⁰ ; 0 ⁰ -00...4 ⁵⁸ , 0 ⁰ -1 ¹² -27-16 ⁵⁸ , 0 ²⁰ -06...23 ⁰⁴ , 0 ⁰ -1 ²³ -12-24 ⁰⁰
30	0	9	9	6.0	.	Cl, Cs, Cu	Se	0.1	.	0 ⁰ -10 ⁰⁰ -13, 0 ⁰ -38...02, 0 ¹² -34-12 ³⁷ , 0 ¹⁵ -28-16 ⁰⁷
31	10	10	10	10.0	Na	Na	St	0.3	.	0 ⁴ -45...7 ⁵⁹ , 0 ¹⁰ -01...13 ⁰⁹ ; 0 ¹⁶ -33...19 ²⁸
M	8.4	8.1	6.7	7.7				33.4*		* Le total mens Monthly mean

Avril - April

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979
TMO - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.		Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M		
1	90.3	91.0	92.0	91.1	3.2	3.7	5.6	2.4	3.7	6.0	2.4	3.6	2.2	6.9	7.0	6.9	6.9	86	87	77	95	86	SSW	3	SW	2	WSW	2	2.3
2	94.4	95.5	96.7	95.5	2.8	4.0	10.0	3.9	5.1	10.6	2.1	8.5	0.2	7.6	7.6	7.1	7.4	96	93	82	88	85	SSW	1	SSW	2	C	0	1.0
3	95.7	93.3	93.2	94.1	-0.5	0.9	12.5	6.8	4.9	13.0	-1.1	14.1	-3.5	6.4	6.5	7.4	6.8	98	98	45	75	79	C	0	SE	3	ENE	1	1.3
4	93.9	94.5	95.2	94.5	1.3	5.8	11.6	7.3	6.5	12.9	0.2	12.7	-3.3	8.6	9.4	9.0	9.0	100	94	69	88	88	E	1	ENE	1	ENE	2	1.3
5	95.8	96.5	96.4	96.9	3.9	4.2	7.2	5.1	5.1	8.0	3.0	5.0	1.6	7.0	7.1	7.5	7.2	89	85	70	86	82	ENE	1	E	2	E	1	1.3
6	101.0	100.9	100.4	100.8	2.3	2.1	5.6	3.9	3.5	6.4	0.3	6.1	-3.3	7.0	6.7	6.1	6.6	99	98	74	75	86	E	1	E	1	E	1	1.0
7	97.1	98.5	100.7	98.8	3.0	1.7	3.5	2.7	2.7	3.9	1.7	2.2	1.1	6.3	6.4	6.0	6.2	76	90	81	81	82	ENE	3	ENE	3	ENE	2	2.7
8	102.7	105.2	108.5	105.5	0.7	0.5	1.7	1.7	1.2	2.7	0.4	2.3	0.3	6.2	6.8	6.5	6.5	100	98	98	94	98	NNE	1	NNE	2	NNE	1	1.3
9	110.0	109.4	108.9	109.4	1.5	2.1	9.0	4.7	4.3	10.5	0.8	9.7	-0.4	6.8	6.2	6.0	6.3	97	98	54	70	79	NNE	1	NE	2	C	0	1.0
10	109.3	107.3	107.1	107.9	-1.0	1.9	11.8	6.8	4.9	13.2	-2.3	15.5	-5.9	4.8	4.9	5.6	5.1	98	89	35	57	65	NNE	1	NNE	2	C	0	1.0
11	105.9	105.9	106.6	106.1	0.1	2.9	10.0	5.8	4.7	11.4	-1.3	12.7	-5.4	5.6	7.0	7.5	6.7	93	74	57	82	76	ENE	2	ESE	2	C	0	1.3
12	109.2	108.6	108.4	108.7	-1.0	0.6	13.6	6.5	4.9	14.0	-2.4	16.4	-5.6	6.1	5.5	5.6	5.7	98	98	35	58	72	S	1	SSE	2	C	0	1.0
13	109.0	107.9	105.8	107.6	-0.6	4.4	17.2	10.2	7.6	17.5	-1.9	19.4	-4.4	6.9	5.6	7.5	6.7	97	82	28	60	67	SSE	1	S	3	C	0	1.3
14	103.9	103.8	103.9	104.5	5.2	7.2	19.9	12.4	11.2	20.5	2.6	17.9	-1.9	7.5	7.7	9.4	8.2	88	74	33	65	65	S	1	W	2	C	0	1.0
15	108.2	109.7	112.4	110.1	5.1	7.3	13.0	6.1	7.9	14.7	2.1	12.6	-1.9	8.3	6.8	5.1	6.7	99	81	45	54	70	W	1	NW	2	N	3	2.0
16	117.3	115.8	112.4	115.2	-2.7	-1.0	6.3	3.1	1.4	7.3	-6.2	13.5	-9.5	3.9	3.1	4.1	3.7	71	69	33	54	57	N	2	N	3	C	0	1.7
17	107.6	104.4	102.6	104.9	-0.8	2.3	9.8	7.2	6.6	11.0	-1.3	12.3	-4.3	4.3	3.7	4.6	4.3	68	59	30	46	51	ESE	2	NE	2	NE	2	2.0
18	108.5	109.7	111.8	110.0	0.2	-0.1	5.6	2.3	2.0	7.2	-0.9	8.1	-1.4	5.2	3.4	3.8	4.1	98	86	38	52	68	N	2	N	3	N	2	2.3
19	112.8	111.2	110.3	111.4	-2.6	-0.1	6.2	4.5	2.0	7.2	-4.9	12.1	-8.5	4.8	4.5	4.5	4.6	83	80	47	54	66	W	2	NW	3	N	1	2.0
20	107.4	105.5	104.8	105.9	-2.5	2.9	7.8	6.0	3.6	8.9	-2.9	11.8	-5.6	5.9	5.4	6.5	5.9	96	79	51	70	74	WSW	1	W	2	C	0	1.0
21	102.0	100.4	99.7	100.7	3.5	5.0	11.0	7.2	6.7	13.0	2.0	11.0	0.2	6.8	6.5	6.8	6.7	91	78	50	67	72	SSE	1	C	0	C	0	0.3
22	98.3	97.5	96.1	97.3	4.9	5.4	13.0	7.0	7.6	14.0	1.6	12.4	-1.4	8.1	7.4	8.8	8.1	86	91	49	88	78	C	0	WSW	1	C	0	0.3
23	95.8	92.5	91.7	93.3	5.1	8.5	14.8	10.8	9.8	15.4	5.0	10.4	1.5	8.5	8.9	9.7	9.0	94	77	53	75	75	S	3	SSW	2	S	2	2.3
24	90.9	91.9	92.3	91.7	9.2	11.2	19.5	16.3	14.0	20.6	7.2	13.4	3.1	8.8	8.4	8.6	8.6	77	66	37	46	56	SSE	2	SSW	2	S	2	2.0
25	97.2	97.2	96.6	97.0	13.4	11.6	17.9	12.3	13.8	19.4	10.8	8.6	9.2	10.4	9.0	11.1	10.2	53	76	44	78	63	S	1	S	4	ESE	2	2.3
26	98.1	100.1	102.1	100.1	8.0	10.4	15.5	11.8	11.4	15.7	7.4	8.3	4.7	12.3	11.1	11.0	11.5	94	97	63	80	84	S	1	SSW	1	C	0	0.7
27	104.8	102.6	102.7	103.4	5.5	8.2	10.7	8.8	8.3	11.8	5.4	6.4	2.7	10.0	10.4	11.0	10.5	100	92	81	97	92	N	2	N	2	C	0	1.3
28	103.2	101.7	100.2	101.7	8.3	6.6	13.7	10.6	9.8	14.2	6.4	7.6	6.1	9.3	8.5	9.9	9.2	100	96	54	77	82	NNE	1	N	1	C	0	0.7
29	98.3	98.3	97.7	98.1	8.0	7.8	10.4	8.9	8.8	11.3	6.5	4.8	5.6	7.6	8.2	9.2	8.3	86	72	65	81	76	N	2	N	1	S	2	1.7
30	93.1	89.8	90.1	91.0	5.8	8.2	15.6	9.6	9.8	17.1	5.5	11.6	2.6	7.5	7.2	10.4	8.4	97	69	41	87	74	SSW	4	SSW	6	SW	2	4.0
M	102.1	101.6	101.6	101.8	3.0	4.5	11.0	7.1	6.4	12.0	1.6	10.4	-0.8	7.2	6.9	7.4	7.2	90	83	53	73	75	1.5	2.1	0.9	1.5			

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	M	6 ^h	12 ^h	18 ^h	[mm]	[cm]	
1	10	10	10	10.0	So, As	Cu, As	Ne	1.5	.	● 0108...247, ● 0459...546, ● 710...620, ● 1103...2400
2	10	10	1	7.0	So	Se	As	0.2	.	● 0000...547, ● 812...336, ● 11210...1333
3	0	5	0	1.7	.	Cu	.	.	.	1 n-820
4	5	9	0	4.7	As	Cu, As, As	.	0.0	.	● 0116...936
5	10	10	0	6.7	As	Se	.	.	.	
6	10	10	10	10.0	St	Se	Se	0.7	.	
7	10	10	10	10.0	Ne	Se	Se	9.4	.	● 0245...550, ● 0812...1132, ● 11749...np, ● 1550...812
8	10	10	10	10.0	Ne	Ne	Se	2.1	6	* 0-1 n-915; ● 0915...1110, ● 1110...2047
9	10	2	0	4.0	St	Cu	.	.	1	
10	0	1	0	0.3	.	Cu	.	.	.	1-0 n-6
11	8	8	1	5.7	Cl	Cu, Cl	Cl	.	.	1 n-2210...2400
12	10	4	1	5.0	mm ¹	Cl	Cl	.	.	mm 000...550; mm 1550...730, mm 0730...81=8-830; 1-0 n-6
13	0	1	1	0.7	.	Cl	Cl	.	.	1 n
14	0	1	3	1.3	.	Cu	Cl	.	.	
15	0	9	7	5.3	.	Cu	As, Cu	0.0	.	● 01348...1359
16	0	0	2	0.7	.	.	Cl	.	.	1 n
17	0	1	10	3.7	.	Cl, Ce	As	2.5	.	* 0213...2400
18	1	7	3	3.7	Cu	Cu	Cu	.	2	* 0-1000...410
19	9	9	6	8.0	Se	Se	Cu	0.0	.	* 0758...1315
20	3	10	10	7.7	Cl	Cu, As	As	0.0	.	● 0207...2101, ● 2136...2138
21	9	10	9	9.3	As	Se	Cu	.	.	= n-610
22	10	8	0	6.0	Ce	Cu	.	0.2	.	● 0759...848, ● 1035...1053, ● 1236...1238, ● 1336...1408, ● 1530...1550; = 17-np
23	8	10	10	9.3	As, As	As, Cu	Se	1.4	.	● 0639...048, ● 0728...831, ● 1029...1038, ● 11258...1336, ● 1448...1507, ● 1630...1922
24	0	9	10	6.3	.	As, Ce, Cu	Cu, Cu	0.1	.	● 01924...1931
25	9	10	10	9.7	As	As, Cu	Cu, As	1.1	.	● 0257...309, ● 0348...513, ● 1155...1203, ● 1221...1842, ● 1911...2043; = 1648-np
26	10	10	9	9.7	Se	Se	As	0.3	.	● 0128...538, ● 0815...746, ● 1130...1442
27	10	10	10	10.0	Se	As	As	2.4	.	● 0148...1157, ● 1224...1931, ● 2121...2414; = 1340...1810; mm 01810-np
28	10	10	10	10.0	As, Cu	Se, As	Cu, As	0.0	.	● 0644...701, ● 0824...931, ● 1214...1232, ● 1337...1429, ● 1450...1508, ● 1902...1917, ● 2247...2400
29	10	10	10	10.0	Se	As, Cu	Se	0.1	.	● 0000...425, ● 0740...1106, ● 1129...1315, ● 1702...1745, ● 1839...1842
30	9	9	10	9.3	As	Se	Ne	3.6	.	● 01501...2200, ● 1200...2400
M	6.4	7.4	5.8	6.5				25.6*		* Le total mens Monthly mean

Mai - May

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979
TMO - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	96.2	97.5	97.4	97.0	3.8	4.7	11.2	5.5	6.3	12.0	2.7	9.3	1.0	7.6	5.4	6.9	6.6	95	89	40	77	75	WSW	2	W	3	SSE	2	2.3
2	96.8	93.9	90.4	93.7	3.6	6.6	12.6	10.8	8.4	13.5	2.3	11.2	-0.4	7.9	8.9	12.0	9.6	93	81	61	92	82	SSE	2	SSE	4	ENE	1	2.3
3	97.8	99.0	101.0	99.3	6.4	6.7	6.2	5.6	6.2	13.1	4.9	8.2	4.7	8.8	8.6	8.5	8.6	95	90	91	94	92	SSW	1	SSE	1	C	0	0.7
4	104.0	105.8	106.4	105.4	4.8	5.8	8.1	6.4	6.3	10.7	3.7	7.0	2.8	8.6	7.1	7.6	7.8	96	94	86	79	84	C	0	W	2	C	0	0.7
5	108.4	107.0	105.6	107.0	0.4	7.0	13.2	8.8	7.4	14.5	-0.9	15.4	-3.4	8.3	6.3	7.4	7.3	96	82	41	65	71	SSE	2	ENE	3	C	0	1.7
6	103.3	106.4	109.2	106.3	4.9	6.6	6.5	5.6	5.9	8.8	4.4	4.4	0.7	8.9	7.8	7.1	7.9	94	91	81	78	86	WNW	3	W	3	C	0	2.0
7	111.5	112.6	114.4	112.8	-0.5	5.1	11.4	7.6	5.9	12.9	-0.5	13.4	-3.8	7.4	6.7	7.1	7.1	96	84	49	68	74	WSW	2	W	2	C	0	1.3
8	117.4	115.8	114.9	116.0	-0.4	7.7	14.7	11.0	8.2	15.5	-1.9	17.4	-4.5	7.4	6.5	8.2	7.4	98	71	39	62	68	NNE	1	WNW	2	E	1	1.3
9	114.0	111.4	108.9	111.4	4.6	6.7	9.4	8.2	7.7	11.0	2.9	8.1	-0.7	9.0	9.6	10.6	9.7	(84)	80	82	97	(86)	NE	3	NNE	1	N	1	1.7
10	107.1	108.6	109.9	106.5	7.4	7.4	12.4	11.6	9.7	15.5	7.4	8.1	7.4	10.3	10.0	12.6	11.0	99	100	70	93	90	W	2	W	3	C	0	1.7
11	115.7	115.1	114.2	115.0	6.1	8.1	13.1	9.8	9.3	14.6	1.2	13.4	-1.4	7.4	5.5	7.2	6.7	70	68	36	59	58	WNW	2	W	2	N	1	1.7
12	115.5	115.8	115.7	115.7	4.2	9.1	15.1	12.0	10.1	16.1	2.7	13.4	-0.4	6.3	5.4	7.5	6.4	82	55	31	54	56	ENE	4	N	3	C	0	2.3
13	118.0	117.2	117.0	117.4	2.2	11.4	18.1	15.3	11.8	19.4	0.1	19.3	-2.0	7.1	4.9	7.7	6.6	98	53	24	45	55	NNE	1	N	2	NNW	1	1.3
14	119.7	118.0	115.8	117.8	4.7	11.8	19.7	15.7	13.0	21.0	3.0	18.0	1.1	9.6	8.9	10.7	9.7	98	69	39	60	66	NNE	1	SW	2	C	0	1.0
15	113.9	111.8	109.1	111.6	7.0	14.6	23.5	18.9	16.0	24.6	5.3	19.3	2.8	10.9	10.1	12.3	11.1	98	66	35	56	64	SW	1	SSE	1	C	0	0.7
16	108.7	106.2	103.8	106.2	9.8	16.9	25.5	21.3	18.4	26.5	8.9	17.6	5.9	11.5	8.7	10.7	10.3	92	60	27	42	55	SSE	1	SE	2	ENE	1	1.3
17	103.6	102.9	102.1	102.9	12.0	17.1	27.3	22.3	19.7	28.4	11.4	17.0	7.6	10.6	9.4	13.0	11.0	73	55	26	48	50	ESE	2	ESE	3	SSE	1	2.0
18	105.8	105.1	104.3	105.1	13.8	18.7	28.3	23.1	21.0	28.7	12.9	15.8	11.1	12.8	11.4	14.7	13.0	72	59	30	52	53	SSE	2	S	4	C	0	2.0
19	106.5	105.8	105.4	105.9	13.5	19.7	28.5	23.3	21.2	29.7	13.4	16.3	9.1	15.0	12.5	15.2	14.6	86	66	32	57	60	S	2	S	5	C	0	2.3
20	110.8	110.1	109.0	110.0	17.4	16.3	23.5	20.9	19.6	24.6	13.4	11.2	12.5	13.1	14.4	14.9	14.1	90	70	50	60	68	S	2	ESE	3	N	2	2.3
21	107.1	106.0	105.6	106.2	17.8	19.3	30.0	24.1	22.8	30.7	16.9	13.8	15.6	16.6	13.9	19.2	16.6	67	74	33	64	60	E	2	ESE	3	ENE	2	2.3
22	106.4	106.0	106.0	106.1	19.3	21.9	29.9	24.1	23.8	30.7	15.0	15.7	12.5	15.7	12.6	12.3	13.5	70	60	30	41	50	SE	4	SE	4	SW	2	3.3
23	108.1	107.0	104.7	106.6	13.0	18.1	28.9	24.3	21.1	30.2	12.3	17.9	10.2	15.3	13.0	15.2	14.5	93	74	33	50	62	S	2	S	3	E	2	2.3
24	103.1	100.5	98.8	100.6	18.8	21.1	28.7	25.1	23.4	29.8	16.5	13.3	15.1	15.1	11.9	10.8	12.6	65	60	30	34	47	E	3	ESE	4	ESE	3	3.3
25	98.6	100.7	104.3	101.2	18.8	20.2	18.8	19.6	19.4	28.5	15.3	13.2	12.1	12.9	18.6	13.4	15.0	53	55	86	59	63	ESE	2	WSW	1	WSW	1	1.3
26	108.7	108.0	106.8	107.8	10.4	16.1	22.5	20.3	17.3	23.6	9.4	14.2	6.6	11.8	10.1	11.7	11.2	97	65	37	49	62	NW	2	N	3	NE	1	2.0
27	105.7	103.1	99.6	102.8	14.6	18.4	28.4	23.9	21.3	29.2	12.4	16.8	9.6	12.8	13.4	16.2	14.1	69	61	35	54	55	ENE	2	E	3	E	1	2.0
28	98.4	101.8	106.9	102.4	16.8	20.1	20.9	14.6	18.1	23.9	14.0	9.3	13.6	15.9	15.3	12.0	14.4	81	68	62	72	71	ESE	3	SSE	3	W	2	2.7
29	113.6	114.9	114.1	114.2	7.6	15.1	20.7	18.7	15.5	22.3	6.5	15.8	3.6	10.0	9.8	12.8	10.9	(82)	58	40	59	(60)	NW	3	N	2	ENE	1	2.0
30	114.9	114.0	112.3	113.7	9.6	16.9	22.3	22.4	17.8	25.1	8.4	16.7	6.6	15.0	15.4	18.8	16.4	97	78	57	70	76	E	2	ENE	4	NNE	1	2.3
31	112.4	112.4	111.8	112.2	16.4	23.3	31.5	26.7	24.5	32.2	15.9	16.3	12.1	17.5	11.0	16.6	15.0	97	61	24	47	57	NNE	1	NNE	4	NNE	1	2.0
M	106.1	107.8	107.3	107.7	9.3	13.6	19.7	16.4	14.8	21.5	7.8	13.7	5.4	11.2	10.1	11.7	11.0	86	71	46	62	66	2.0	2.7	0.9	1.9			

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	M	6 ^h	12 ^h	18 ^h			
1	9	7	3	6.3	Sc	Cu, Ci, Co	Cl, Cu	0.1	.	⊙ 0-1000-033, ⊙ 0-11348-1400, ⊙ 0-1413-1422, ⊙ 0-2157-2210, ⊙ 0-2238-2301
2	8	10	10	8.7	Cl	Ac, As	Cu, As	4.8	.	⊙ 0-1129-1145, ⊙ 0-11202-1827, ⊙ 0-11928-np; ⊕ 1620-655
3	7	10	10	9.0	Ac, Cu	Ne	Ms	4.2	.	⊙ 0-1na, ⊙ 0-1851-np
4	10	10	0	6.7	Sc	Sc, Cb	.	0.0	.	⊙ 0na, ⊙ 0651-710; ⊙ 01154...1409
5	0	4	2	2.0	.	Cu	Cl	.	.	⊙ 1na
6	10	10	0	6.7	St	St	.	0.0	.	⊙ 1na-7; ⊙ 0812-909
7	1	9	4	4.7	Cl	Cb, Sc	Cu	0.0	.	⊙ 1na; ⊙ 01215-1251
8	0	9	1	3.3	.	Cu	Ac	.	.	⊙ 1na-5
9	10	10	10	10.0	St	Ne	Ms	3.5	.	⊙ 0702-1730, ⊙ 0-11730-2136; ⊙ 1715-np
10	10	7	10	9.0	St	Cu, Cl	Cb	2.6	.	⊙ 0-700, ⊙ 18-np; ⊙ 0-1348-712; ⊙ 0-121718-1801, ⊙ 0-1822-1827; (R) 0100W1850-(R) 11707-1720-(R) 0SSW1733
11	0	3	4	2.3	.	Cu, Cl	Cl, Cu, Co	.	.	⊙ 01450-18
12	1	8	1	2.3	Cl, Co	Cl	Cl	.	.	
13	7	1	9	5.7	Cl	Cl	Cl, Co, Ac	.	.	
14	0	1	8	3.0	.	Cu	Co, Cl	.	.	
15	0	0	0	0.0	.	.	.	.	.	⊙ 0na-510
16	0	0	0	0.0	.	.	.	.	.	
17	0	1	3	1.3	.	Cl	Cl, Co	.	.	
18	0	1	0	0.3	.	Cu	.	.	.	
19	1	8	8	5.7	Cl	Cu, Cl	Cu, Cl, Co	0.0	.	⊙ 0na; ⊙ 02118-2127
20	0	1	9	3.3	.	Cl	Co, Cu, Cl	.	.	
21	9	9	9	9.0	Cu	Cu, Cu, Cl	Cl, Cu, Co	.	.	
22	3	2	10	5.0	Cl	Cu	Cu, Co	.	.	
23	1	1	1	1.0	Cl, Co	Cu	Cl	.	.	
24	1	3	2	2.0	Cl	Cu	Cl	.	.	
25	2	9	9	6.7	Cl	Cb, Cu	Sc, Cl	1.8	.	(R) 0SW1048-(R) 01136-1203-(R) 0E1322; ⊙ 01102-1145, ⊙ 0-11148-1159; ⊙ 11145-1148
26	8	7	9	8.0	Cl, Co	Cl, Co, Cu	Cu, Co	.	.	
27	0	4	0	1.3	.	Cu	.	.	.	
28	8	10	10	9.3	Cl, Ac	Sc	Sc, Ac	3.2	.	(R) 1SW708-(R) 0735-756-(R) 0WZ034; (R) 0SSE1028-SSE-11138; ⊙ 02742-746, ⊙ 01746-754, ⊙ 0154-756, ⊙ 0611-813, ⊙ 01403-1409
29	0	1	1	0.7	.	Cu	Cu	.	.	
30	10	0	0	3.3	Sc	.	.	.	.	
31	0	2	1	1.0	.	Cu	Cl	.	.	
M	3.7	5.0	4.6	4.4				20.2*		*Le total mens Monthly mean

Juin - June

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979

TMO - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.		6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M		
1	114.0	113.3	113.5	113.6	15.4	24.8	32.3	26.8	24.8	32.8	13.4	19.4	10.6	16.3	10.1	15.8	14.1	93	52	21	45	53	NNE	1	ENE	2	C	0	1.0
2	115.9	114.9	115.1	115.3	14.9	23.5	30.9	24.5	23.4	32.1	13.9	18.2	10.7	17.7	14.0	18.7	16.8	90	61	31	61	61	C	0	NNE	2	C	0	0.7
3	116.5	115.4	114.0	115.3	14.9	23.9	29.7	25.5	23.5	30.7	13.9	16.8	11.5	18.3	16.1	15.5	16.6	98	62	39	48	62	C	0	N	2	C	0	0.7
4	114.0	113.6	112.2	113.3	18.7	19.1	24.8	21.5	21.0	25.5	16.3	9.2	14.6	10.5	9.4	10.6	10.2	79	47	30	41	49	ENE	3	ENE	3	ENE	2	2.7
5	111.0	109.4	106.8	109.1	12.8	18.9	25.8	22.7	20.0	26.6	7.5	19.1	4.1	9.9	10.6	11.7	10.7	85	45	32	42	46	SE	2	E	2	C	0	1.3
6	106.7	105.0	104.1	105.3	9.5	20.9	28.0	24.9	20.8	29.2	7.8	21.4	4.9	11.0	10.8	12.1	11.3	88	45	29	38	50	E	2	E	2	E	1	1.7
7	104.8	103.0	101.7	103.2	12.1	21.3	30.1	26.4	22.5	30.7	10.6	20.1	7.1	15.0	15.1	12.1	14.1	80	59	35	35	52	C	0	WNW	2	ENE	1	1.0
8	102.9	102.5	103.3	102.9	16.3	20.6	24.3	19.6	20.2	26.4	15.3	11.1	11.7	17.3	18.0	16.3	17.2	71	71	59	71	68	WNW	2	WNW	2	WNW	2	2.0
9	107.3	105.1	103.0	105.1	12.6	16.1	22.3	19.9	17.7	23.4	8.4	15.0	4.5	11.3	10.7	12.2	11.4	83	62	40	53	60	WNW	2	W	2	W	1	1.7
10	106.1	106.3	107.5	106.6	12.1	17.1	20.5	17.7	16.8	22.0	8.5	13.5	5.6	12.2	11.6	10.0	11.3	86	63	48	49	62	WNW	2	WNW	4	WNW	3	3.0
11	112.6	111.3	110.8	111.6	6.4	14.7	22.6	19.9	15.9	24.1	4.5	19.6	2.0	9.8	9.3	11.5	10.2	97	59	34	49	60	ESE	1	ESE	1	C	0	0.7
12	109.1	105.9	104.7	106.9	8.3	19.3	26.5	22.5	19.2	27.9	7.4	20.5	4.6	10.9	11.2	16.4	12.8	86	49	32	60	57	ESE	3	ESE	2	C	0	1.7
13	102.4	99.1	98.1	99.9	15.2	18.2	27.9	20.0	20.3	28.7	13.4	15.3	10.6	16.0	14.5	18.0	16.2	96	77	38	77	72	SSE	1	E	3	E	1	1.7
14	97.4	93.2	93.0	94.5	13.9	19.9	27.9	17.9	19.9	28.8	12.9	15.9	10.1	18.3	14.5	19.3	17.4	98	79	38	94	77	NE	1	E	3	C	0	1.3
15	98.7	98.5	97.9	98.4	12.6	15.3	21.4	17.0	16.6	22.6	12.1	10.5	11.0	14.8	13.3	15.8	14.6	95	85	52	82	78	SSE	2	SSE	2	E	1	1.7
16	97.6	98.0	99.4	98.3	12.4	17.1	25.3	18.7	18.4	26.6	10.9	15.7	8.6	16.5	16.1	19.3	17.3	99	85	50	89	81	C	0	SW	1	C	0	0.3
17	102.3	101.9	102.0	102.1	15.6	17.5	21.1	22.6	19.2	24.6	14.9	9.7	13.1	17.8	19.2	17.6	18.2	98	89	77	64	82	C	0	N	3	N	1	1.3
18	106.0	104.7	104.2	105.0	16.9	16.3	24.4	23.5	20.3	26.1	14.5	11.6	13.1	12.9	16.0	13.0	14.0	93	70	52	45	65	WNW	2	ENE	2	ENE	2	2.0
19	107.8	109.1	108.9	108.6	17.6	17.4	22.5	20.4	19.5	23.5	15.9	7.6	14.7	11.8	6.7	10.0	9.5	71	60	25	42	50	NNE	3	NNE	4	ENE	1	2.7
20	110.4	108.9	108.0	109.1	10.7	18.8	22.5	21.6	18.4	24.1	9.1	15.0	5.6	10.4	10.1	12.4	11.0	86	48	37	48	55	NNE	2	NNE	2	C	0	1.3
21	107.1	106.0	104.9	106.0	14.6	20.3	23.7	20.9	19.9	25.1	10.6	14.5	8.6	9.2	8.8	10.3	9.4	78	39	30	42	47	E	3	E	2	NE	1	2.0
22	104.4	102.9	103.0	103.4	16.6	14.8	24.2	19.9	18.9	25.1	14.4	10.7	12.6	13.5	9.9	16.5	13.3	66	80	33	71	62	ENE	1	NW	3	C	0	1.3
23	104.9	105.4	104.3	104.9	15.2	18.9	23.9	23.3	20.3	26.5	13.4	13.1	11.0	14.5	12.5	13.4	13.5	92	67	42	47	62	ENE	1	NNW	2	C	0	1.0
24	105.0	103.8	103.1	104.0	14.0	22.6	29.1	25.9	22.9	30.2	12.4	17.8	9.6	13.3	9.8	10.7	11.3	88	49	24	32	48	SSW	2	SSW	4	SW	1	2.3
25	103.8	103.8	104.0	103.9	16.2	21.3	31.1	24.8	23.4	31.8	13.4	18.4	10.1	13.8	17.3	18.9	16.7	87	54	38	60	55	SSE	2	SSW	3	W	2	2.3
26	108.1	106.6	106.0	106.9	17.6	18.9	27.8	23.2	21.9	28.2	16.9	11.3	16.6	21.0	17.6	21.7	20.1	95	98	47	76	78	E	1	SE	1	S	1	1.0
27	106.2	104.6	103.4	104.7	16.4	20.1	27.4	24.9	22.2	29.7	15.4	14.3	13.5	20.0	18.2	21.1	19.8	97	85	50	67	75	SW	1	W	1	C	0	0.7
28	105.3	106.2	105.5	105.7	16.7	20.0	23.2	20.9	20.2	24.9	15.7	9.2	13.7	18.6	14.6	15.3	16.2	99	80	52	62	73	NW	2	NW	2	W	1	1.7
29	105.3	103.1	101.0	103.1	11.8	15.9	24.8	21.5	18.5	25.5	10.4	15.1	8.6	15.6	14.8	17.6	16.0	94	86	47	69	74	W	1	SSW	1	SSW	1	1.0
30	97.8	98.6	101.0	99.1	14.6	17.1	22.4	16.6	17.7	23.1	12.4	10.7	10.1	16.7	13.7	10.4	13.6	95	86	50	55	72	C	0	W	4	WSW	2	2.0
M	106.4	105.4	104.8	105.5	14.1	19.0	25.6	21.8	20.1	26.9	12.2	14.7	9.8	14.5	13.2	14.8	14.2	87	66	40	57	62	1.4	2.3	0.8	1.5			

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Precipitation Précipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	[mm]	[cm]	
1	2	4	3	3.0	Cu	Cu, Ae	Cl, Cu	.	.	
2	0	3	1	1.3	.	Cu	Cl	.	.	
3	0	3	6	3.0	.	Cu, Cl	Cl, Cu	.	.	(R)°SSS10 ⁵⁴ , (R)°SW14 ³⁵ -14 ⁵²
4	0	0	1	0.3	.	.	Cl	.	.	
5	0	7	6	4.3	.	Cl, Co	Cl	.	.	⊕°11 ⁴² -13 ²⁵
6	0	0	0	0.0	.	.	.	.	.	
7	0	1	2	1.0	.	Cu	Cu, Cl	.	.	
8	6	9	9	8.0	As, Ae, Co	Se	As, As, Cl	0.0	.	⊙°9 ²⁸ ...9 ⁵⁵
9	4	9	10	7.7	Ae	Ae	As, As	.	.	
10	0	9	1	3.3	.	Cu, Cl	Cl	.	.	
11	2	3	1	2.0	Cl, Ae	Cl, Cu	Cl	.	.	
12	6	9	10	8.3	Ae	As, Ae	As	.	.	
13	10	9	10	9.7	As, As	As, As, Cu	As, As	0.1	.	⊙°17 ²⁷ -17 ⁵⁹ , ⊙°18 ¹² -18 ²⁷
14	2	9	10	7.0	Ae	As, Cu	As	2.9	.	⊙°11 ⁵² -15 ⁰⁰ , ⊙°15 ¹⁸ -16 ¹⁸ , ⊙°18 ³³ -18 ³⁶ , ⊙°18 ⁵⁷ -19 ¹⁴
15	8	10	9	9.0	As, Cl, Co	As, As, Cu	Se	0.3	.	⊙°12 ¹¹ ...15 ⁰³
16	7	9	4	6.7	As, Cl	Ch, Cu, Cl	Se, As	8.4	.	(R)°SW11 ⁰⁶ -R ¹² 00-12 ⁰¹ -(R)°W12 ⁴⁷ , (R)°S12 ⁵⁹ -R ¹³ 30-13 ⁵⁹ -(R)°W15 ²⁹ , ⊙°13 ²⁴ -13 ³⁰ , ⊙°1-2 ¹³ 30-15 ¹²
17	9	6	9	8.0	Cl, Cu	As, Cu	Cl, Cu, As	0.2	.	=n-7 ³⁰ , ⊙°9 ²⁴ ...11 ⁴⁵
18	9	7	9	8.3	As, As	Cu	As, Se, As	0.0	.	⊙°20 ²⁰ -20 ²³ , ⊙°21 ⁵⁷ -22 ²⁸ , ⊙°23 ²⁹ ...24 ⁰⁰
19	4	1	1	2.0	Ae	Cl, Co	Cl	.	.	⊙°00 ⁰⁰ ...02 ²⁷ , ⊙°3 ⁰⁰ -3 ¹⁸
20	0	5	8	4.3	.	Cu	As, Cu	.	.	
21	0	8	9	5.7	.	Cl, Cu	As, Cl	0.2	.	
22	10	10	10	10.0	Se	As	As	0.1	.	⊙°3 ³⁶ ...7 ³³
23	10	8	6	8.0	Se, As	As, Cl	Cl, Co	0.1	.	⊙°9 ¹⁰ -10 ²⁴ , ⊙°10 ⁵³ -10 ⁵⁶
24	0	1	0	0.3	.	Cl	.	.	.	
25	1	2	10	4.3	Cl	As, Cu	Ch	7.4	.	(R)°SSW13 ²⁹ -W-NW14 ⁴¹ , (R)°SW17 ⁴⁵ -R ¹⁹ 00-19 ³² -(R)°NW21 ¹⁸ ; <°21 ¹⁸ -22 ³⁰ NE; ⊙°18 ¹⁸ -18 ³⁰ , ⊙°1-2 ¹⁸ 30-20 ⁵⁷ , ⊙°20 ⁵⁷ -21 ⁴⁹ , ⊙°22 ⁰⁸ -23 ²²
26	4	1	9	4.7	Ae	Cu, Cl	Cl, As	.	.	
27	2	8	6	5.3	Ae	Cu, Ch	Cu, As	.	.	△°ne-4 ³⁰
28	10	10	9	9.7	As	As, Cu	As	0.1	.	⊙°12 ⁰⁴ -12 ³⁷ , ⊙°13 ⁰¹ -13 ⁵³
29	10	7	10	9.0	As	Cu, As	As	0.0	.	⊙°14 ²⁴ -14 ³⁹
30	10	9	6	8.3	Se	Se, As	Cu	0.0	.	⊙°5 ⁴⁵ -07 ⁰⁷ , ⊙°7 ⁴⁸ -7 ⁵¹ , ⊙°12 ²² ...12 ⁴⁵
M	4.2	5.9	6.2	5.4				19.8*		*Le total mens Monthly mean

Juillet - July

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979
THOR - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	103.5	102.9	103.4	103.3	8.5	14.5	17.3	14.6	13.7	18.8	6.5	12.3	3.1	10.2	9.0	11.3	10.2	94	62	45	66	67	W	2	W	3	SSW	1	2.0
2	106.9	106.9	107.4	107.1	9.1	12.5	18.4	15.3	13.8	18.9	6.0	12.9	3.6	11.3	9.3	10.4	10.3	99	78	44	60	70	WNW	3	WNW	2	WNW	1	2.0
3	110.0	108.7	107.6	108.8	7.8	14.2	19.8	17.9	14.9	21.6	5.0	16.6	2.5	9.6	7.6	9.3	8.8	96	59	33	46	58	W	1	WNW	2	C	0	1.0
4	107.9	106.3	106.9	107.0	6.3	16.4	19.6	18.9	15.3	22.4	4.6	17.8	2.8	11.2	10.6	8.2	10.0	94	60	47	38	60	WNW	1	WNW	2	WNW	2	1.7
5	109.1	107.8	107.6	108.2	10.7	15.3	19.6	15.5	15.3	22.0	6.4	15.6	2.6	10.7	9.0	10.9	10.2	87	62	40	62	63	NW	3	W	3	WNW	3	3.0
6	105.0	101.8	101.8	102.9	11.7	14.7	20.2	13.1	14.9	21.0	11.5	9.5	10.1	13.4	13.7	14.5	13.9	93	80	58	96	82	WNW	3	W	2	WSW	2	2.3
7	97.6	96.3	96.2	96.7	12.5	12.5	16.3	12.0	13.3	17.6	11.9	5.7	11.1	14.3	15.4	14.0	14.6	100	99	83	100	96	W	1	W	2	S	1	1.3
8	92.7	92.3	94.1	93.0	11.6	13.0	14.9	15.7	13.8	16.5	10.9	5.6	9.5	14.8	14.4	15.4	14.9	100	99	85	86	92	W	1	W	1	WSW	1	1.0
9	99.4	100.2	99.5	99.7	13.4	12.8	16.7	15.6	14.6	18.6	11.9	6.9	11.9	13.4	12.2	12.9	12.8	99	91	64	73	82	W	4	W	3	WSW	3	3.3
10	98.6	101.3	104.0	101.3	13.3	14.8	17.6	14.0	14.9	19.0	13.3	5.7	13.3	16.8	15.0	14.5	15.4	100	100	74	91	91	W	3	WSW	3	W	2	2.7
11	108.2	109.0	109.2	108.8	13.5	13.6	15.9	14.8	14.4	18.0	12.4	5.6	12.3	12.4	11.6	11.5	11.8	87	80	64	68	75	SW	2	W	1	W	1	1.3
12	109.3	110.4	108.2	109.3	11.6	12.0	16.5	17.5	14.4	19.3	11.3	8.0	8.7	13.2	14.7	15.2	14.4	90	94	79	76	85	SW	1	W	2	W	1	1.3
13	106.5	106.3	104.5	105.8	11.2	16.5	24.4	20.1	18.0	24.7	9.2	15.5	7.4	14.4	14.5	14.3	14.4	100	77	47	61	71	C	0	WNW	2	N	1	1.0
14	104.1	103.6	103.7	103.8	10.9	17.3	24.7	21.5	18.6	25.9	9.5	16.4	8.0	15.4	13.0	13.8	14.1	97	78	42	54	68	C	0	WNW	2	WNW	2	1.3
15	106.1	105.6	104.3	105.3	14.9	16.0	21.0	19.8	17.9	22.4	12.4	10.0	9.6	14.6	13.0	11.7	13.1	83	80	52	51	66	WNW	2	NW	4	NW	2	2.7
16	104.6	103.6	102.4	103.5	12.0	12.7	17.6	15.3	14.4	19.6	11.9	7.7	9.5	12.6	8.9	10.7	10.7	93	86	44	62	71	W	1	W	2	C	0	1.0
17	102.5	101.6	101.3	101.8	10.0	10.3	18.2	15.9	13.6	19.2	8.9	10.3	7.6	10.9	10.1	11.4	10.8	91	87	48	63	72	W	1	SSW	3	W	1	1.7
18	102.3	100.6	99.5	100.8	10.4	12.2	20.4	17.7	15.2	21.5	9.6	11.9	7.7	12.5	11.4	11.6	11.8	98	88	48	57	73	SW	1	SW	1	SW	2	1.3
19	94.0	92.7	94.6	93.8	14.3	16.9	17.7	17.8	16.7	25.3	13.8	11.5	13.6	18.6	20.0	17.4	18.7	98	97	99	85	95	SW	2	WSW	1	WSW	2	1.7
20	97.9	97.4	98.8	98.0	12.7	15.3	20.5	17.1	16.4	21.0	12.4	8.6	10.6	14.2	13.1	13.0	13.4	98	82	54	67	75	WSW	3	SW	4	W	1	2.7
21	100.4	100.2	98.1	99.6	11.2	15.2	20.3	17.5	16.0	21.5	10.5	11.0	8.3	13.0	13.2	13.9	13.4	94	76	56	70	74	SW	2	W	2	S	1	1.7
22	100.0	99.9	101.6	100.5	15.3	16.6	20.7	11.4	16.0	21.0	11.1	9.9	11.1	13.7	12.5	13.1	13.1	76	73	51	98	74	W	2	SW	2	SSW	1	1.7
23	103.9	104.9	105.0	104.6	8.9	11.4	15.6	14.5	12.6	16.8	6.9	9.9	5.1	13.0	13.1	12.2	12.8	97	96	74	74	85	WSW	1	W	1	W	1	1.0
24	105.1	105.5	103.7	104.8	11.4	13.5	17.6	15.1	14.4	18.6	10.5	8.1	8.3	12.5	12.2	12.6	12.4	91	81	61	73	76	SSW	2	W	3	W	1	2.0
25	103.3	103.9	103.8	103.7	12.0	13.6	13.4	13.5	13.1	16.9	10.8	6.1	8.6	11.1	11.9	13.2	12.1	90	71	77	85	81	W	2	W	1	SW	1	1.3
26	105.5	104.7	104.5	104.9	8.8	13.7	14.7	14.3	12.9	18.5	7.9	10.6	6.1	13.2	14.9	15.6	14.6	100	84	89	95	92	WSW	1	SSW	1	C	0	0.7
27	105.4	106.3	106.1	105.9	12.5	13.0	17.8	14.5	14.4	19.2	10.4	8.8	8.6	14.3	12.0	14.3	13.5	97	95	59	87	84	W	1	W	2	N	1	1.3
28	106.3	106.4	105.8	106.2	12.5	14.4	20.0	15.4	15.6	21.3	11.9	9.4	10.2	13.5	12.5	14.7	13.6	94	82	54	84	78	NW	2	NW	3	C	0	1.7
29	105.9	104.0	102.2	104.0	10.8	14.4	23.2	19.5	17.0	24.3	9.4	14.9	7.1	14.8	12.6	16.4	14.6	98	90	45	72	76	W	2	NW	2	W	1	1.7
30	95.9	95.4	95.7	95.7	16.0	17.3	21.8	16.9	18.0	23.6	14.1	9.5	11.1	15.6	19.5	18.0	17.7	74	79	75	94	80	W	1	WSW	2	SSW	2	1.7
31	98.3	97.7	97.4	97.8	14.1	16.3	23.3	20.2	18.5	24.5	11.4	13.1	9.6	16.4	16.6	18.7	17.3	97	89	59	79	81	SSW	2	SW	2	C	0	1.3
M	103.1	102.7	102.5	102.8	11.6	14.3	18.9	16.2	15.2	20.6	10.1	10.5	8.4	13.4	12.8	13.4	13.2	94	82	60	73	77	1.7	2.1	1.2	1.7			

Date	Nébulosité Cloudiness [0-10]				Le forme des nuages Type of clouds			Precipitation Précipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	[mm]	[cm]	
1	4	9	9	7.3	As, Ci	Se, As	Se	1.1	.	0°10 ³⁵ -10 ⁴¹ , 0°14 ⁰⁸ -14 ¹³ , 0°16 ⁰⁵ ...17 ³⁹ , 0°18 ⁰⁰ -18 ⁰⁹ , 0°19 ⁰⁹ -19 ⁴⁶
2	1	9	8	5.3	Cu	As, As, Cu	Cl, Cu, As	.	.	
3	0	4	3	2.3	.	Cl, Cu	Cl	.	.	
4	0	8	0	2.7	.	Cu, As	.	.	.	
5	6	8	9	7.7	Cu, As	Se, Cu	Cb	1.6	.	0°13 ³⁶ ...14 ³¹ , 0°16 ¹⁷ -16 ²⁸ , 0°17 ⁵² -19 ⁴³ , 0°21 ⁵⁸ -22 ⁵¹ , 0°23 ⁵⁶ -24 ⁰⁰
6	7	9	10	8.7	Cu, Ci	Cl, Cu, Cu	Ne	14.6	.	0°-10 ⁰⁰ -0 ⁴² , 0°6 ⁴⁷ -7 ⁴² , 0°8 ⁰² ...9 ⁰¹ , 0°11 ⁵³ -11 ⁵⁹ , 0°12 ⁴² -12 ⁵⁴ , 0°13 ³⁶ ...21 ¹⁰ ; (R) ⁰⁻¹ SWW12 ²⁴ -NW-NW14 ¹² 0°-11 ⁵² , 0°7 ⁰² , 0°7 ³⁸ -7 ⁴⁶ , 0°10 ²⁰ -10 ⁵² , 0°11 ¹⁰ ...12 ⁵¹ , 0°21 ⁵⁸ -22 ⁵¹ , 0°-11 ¹⁶ -16 ¹⁶ ; (R) ⁰⁻¹ SE10 ³² -SE12 ⁰⁷ ; (R) ⁰⁻¹ SW16 ⁵⁰ -S-SE18 ³⁹ ; (R) ⁰⁻¹ SW17 ⁴⁴ -17 ⁴⁸ 0°-13 ⁵⁸ -07, 0°6 ²⁷ -6 ³² , 0°6 ⁵⁴ -7 ³¹ , 0°-17 ⁴² -10 ¹⁸ , 0°11 ⁵⁶ -12 ⁴⁸ , 0°18 ³⁷ -18 ⁴¹ , 0°23 ⁰⁴ ...24 ⁰⁰ ; = 8-612
7	10	10	10	10.0	Ne	Se, Cb, As, As	Cb	9.4	.	0°00...09, 0°6 ³⁰ -6 ⁵⁷ , 0°7 ¹⁵ -7 ³¹ , 0°18 ³³ ...18 ⁰⁵ , 0°-12 ²¹ ...24 ⁰⁰
8	10	10	8	9.3	Ne	Se	As, Cu	2.3	.	0°-10 ⁰⁰ ...6 ⁴⁵ , 0°6 ²⁹ -6 ⁵⁸ , 0°10 ³⁰ -10 ⁴³ , 0°12 ²¹ -12 ⁴⁵ , 0°14 ²⁸ -14 ³¹ , 0°18 ³⁰ -18 ⁴⁶
9	10	9	9	9.3	As	Cu, Se, Ci	Se, As	6.1	.	
10	10	10	10	10.0	Ne	Cu, As	Ne	0.3	.	
11	1	10	10	7.0	As	As	Se	0.4	.	
12	10	7	7	8.0	St	As, Cu, As	Cu, As, Se	0.3	.	0°4 ⁰¹ ...4 ⁴² , 0°6 ⁵⁸ ...11 ³⁴ , 0°6 ²¹ ...6 ¹⁸
13	0	5	2	2.3	.	Cu	Cu	.	.	△ ⁴ 2-3
14	0	4	4	2.7	.	Cu	Cu, Ci	.	.	△ ¹ 2-4 ³⁸
15	10	5	3	6.0	Cu, As, As	Cu	Cu, Se	0.4	.	
16	10	10	4	8.0	Se	Se, Cu, As	As, Ci	0.1	.	0°5 ³⁹ -6 ¹¹ , 0°7 ⁴⁵ -7 ⁵⁴ , 0°19 ⁴² -20 ⁴⁸
17	3	5	9	5.7	Cu	Cu, As, Ci	Se, Ci	0.6	.	0°10 ⁴⁵ -10 ⁵⁸ , 0°13 ²⁴ -13 ⁵⁴ , 0°21 ³⁰ -21 ⁴⁴
18	9	9	10	9.3	Se	Cl, Cu	As	4.2	.	0°2 ³⁹ -4 ⁴² , 0°6 ²² ...6 ⁵⁸ , 0°-17 ⁵³ ...24 ⁰⁰
19	10	4	6	6.7	As, As	Cu	Cu, As	13.8	.	0°-10 ⁰⁰ -10 ⁰⁸ , 0°3 ⁵¹ -4 ¹² , 0°-10 ⁰⁸ -11 ³⁸ , 0°-21 ⁵¹ ...16 ²¹ , 0°18 ³³ -18 ⁴¹ , (R) ⁰⁻¹ SW12 ²⁴ -R ⁰⁻¹ SW14 ¹² -R ⁰⁻¹ SW16 ⁵⁰ -R ⁰⁻¹ SW18 ³⁹ -R ⁰⁻¹ SW20 ⁴⁸ -R ⁰⁻¹ SW22 ⁵¹ -R ⁰⁻¹ SW24 ⁰⁰ -R ⁰⁻¹ SW26 ⁰³ -R ⁰⁻¹ SW28 ⁰⁶ -R ⁰⁻¹ SW30 ⁰⁹ -R ⁰⁻¹ SW32 ¹² -R ⁰⁻¹ SW34 ¹⁵ -R ⁰⁻¹ SW36 ¹⁸ -R ⁰⁻¹ SW38 ²¹ -R ⁰⁻¹ SW40 ²⁴ -R ⁰⁻¹ SW42 ²⁷ -R ⁰⁻¹ SW44 ³⁰ -R ⁰⁻¹ SW46 ³³ -R ⁰⁻¹ SW48 ³⁶ -R ⁰⁻¹ SW50 ³⁹ -R ⁰⁻¹ SW52 ⁴² -R ⁰⁻¹ SW54 ⁴⁵ -R ⁰⁻¹ SW56 ⁴⁸ -R ⁰⁻¹ SW58 ⁵¹ -R ⁰⁻¹ SW60 ⁵⁴ -R ⁰⁻¹ SW62 ⁵⁷ -R ⁰⁻¹ SW64 ⁰⁰ -R ⁰⁻¹ SW66 ⁰³ -R ⁰⁻¹ SW68 ⁰⁶ -R ⁰⁻¹ SW70 ⁰⁹ -R ⁰⁻¹ SW72 ¹² -R ⁰⁻¹ SW74 ¹⁵ -R ⁰⁻¹ SW76 ¹⁸ -R ⁰⁻¹ SW78 ²¹ -R ⁰⁻¹ SW80 ²⁴ -R ⁰⁻¹ SW82 ²⁷ -R ⁰⁻¹ SW84 ³⁰ -R ⁰⁻¹ SW86 ³³ -R ⁰⁻¹ SW88 ³⁶ -R ⁰⁻¹ SW90 ³⁹ -R ⁰⁻¹ SW92 ⁴² -R ⁰⁻¹ SW94 ⁴⁵ -R ⁰⁻¹ SW96 ⁴⁸ -R ⁰⁻¹ SW98 ⁵¹ -R ⁰⁻¹ SW100 ⁵⁴ -R ⁰⁻¹ SW102 ⁵⁷ -R ⁰⁻¹ SW104 ⁰⁰ -R ⁰⁻¹ SW106 ⁰³ -R ⁰⁻¹ SW108 ⁰⁶ -R ⁰⁻¹ SW110 ⁰⁹ -R ⁰⁻¹ SW112 ¹² -R ⁰⁻¹ SW114 ¹⁵ -R ⁰⁻¹ SW116 ¹⁸ -R ⁰⁻¹ SW118 ²¹ -R ⁰⁻¹ SW120 ²⁴ -R ⁰⁻¹ SW122 ²⁷ -R ⁰⁻¹ SW124 ³⁰ -R ⁰⁻¹ SW126 ³³ -R ⁰⁻¹ SW128 ³⁶ -R ⁰⁻¹ SW130 ³⁹ -R ⁰⁻¹ SW132 ⁴² -R ⁰⁻¹ SW134 ⁴⁵ -R ⁰⁻¹ SW136 ⁴⁸ -R ⁰⁻¹ SW138 ⁵¹ -R ⁰⁻¹ SW140 ⁵⁴ -R ⁰⁻¹ SW142 ⁵⁷ -R ⁰⁻¹ SW144 ⁰⁰ -R ⁰⁻¹ SW146 ⁰³ -R ⁰⁻¹ SW148 ⁰⁶ -R ⁰⁻¹ SW150 ⁰⁹ -R ⁰⁻¹ SW152 ¹² -R ⁰⁻¹ SW154 ¹⁵ -R ⁰⁻¹ SW156 ¹⁸ -R ⁰⁻¹ SW158 ²¹ -R ⁰⁻¹ SW160 ²⁴ -R ⁰⁻¹ SW162 ²⁷ -R ⁰⁻¹ SW164 ³⁰ -R ⁰⁻¹ SW166 ³³ -R ⁰⁻¹ SW168 ³⁶ -R ⁰⁻¹ SW170 ³⁹ -R ⁰⁻¹ SW172 ⁴² -R ⁰⁻¹ SW174 ⁴⁵ -R ⁰⁻¹ SW176 ⁴⁸ -R ⁰⁻¹ SW178 ⁵¹ -R ⁰⁻¹ SW180 ⁵⁴ -R ⁰⁻¹ SW182 ⁵⁷ -R ⁰⁻¹ SW184 ⁰⁰ -R ⁰⁻¹ SW186 ⁰³ -R ⁰⁻¹ SW188 ⁰⁶ -R ⁰⁻¹ SW190 ⁰⁹ -R ⁰⁻¹ SW192 ¹² -R ⁰⁻¹ SW194 ¹⁵ -R ⁰⁻¹ SW196 ¹⁸ -R ⁰⁻¹ SW198 ²¹ -R ⁰⁻¹ SW200 ²⁴ -R ⁰⁻¹ SW202 ²⁷ -R ⁰⁻¹ SW204 ³⁰ -R ⁰⁻¹ SW206 ³³ -R ⁰⁻¹ SW208 ³⁶ -R ⁰⁻¹ SW210 ³⁹ -R ⁰⁻¹ SW212 ⁴² -R ⁰⁻¹ SW214 ⁴⁵ -R ⁰⁻¹ SW216 ⁴⁸ -R ⁰⁻¹ SW218 ⁵¹ -R ⁰⁻¹ SW220 ⁵⁴ -R ⁰⁻¹ SW222 ⁵⁷ -R ⁰⁻¹ SW224 ⁰⁰ -R ⁰⁻¹ SW226 ⁰³ -R ⁰⁻¹ SW228 ⁰⁶ -R ⁰⁻¹ SW230 ⁰⁹ -R ⁰⁻¹ SW232 ¹² -R ⁰⁻¹ SW234 ¹⁵ -R ⁰⁻¹ SW236 ¹⁸ -R ⁰⁻¹ SW238 ²¹ -R ⁰⁻¹ SW240 ²⁴ -R ⁰⁻¹ SW242 ²⁷ -R ⁰⁻¹ SW244 ³⁰ -R ⁰⁻¹ SW246 ³³ -R ⁰⁻¹ SW248 ³⁶ -R ⁰⁻¹ SW250 ³⁹ -R ⁰⁻¹ SW252 ⁴² -R ⁰⁻¹ SW254 ⁴⁵ -R ⁰⁻¹ SW256 ⁴⁸ -R ⁰⁻¹ SW258 ⁵¹ -R ⁰⁻¹ SW260 ⁵⁴ -R ⁰⁻¹ SW262 ⁵⁷ -R ⁰⁻¹ SW264 ⁰⁰ -R ⁰⁻¹ SW266 ⁰³ -R ⁰⁻¹ SW268 ⁰⁶ -R ⁰⁻¹ SW270 ⁰⁹ -R ⁰⁻¹ SW272 ¹² -R ⁰⁻¹ SW274 ¹⁵ -R ⁰⁻¹ SW276 ¹⁸ -R ⁰⁻¹ SW278 ²¹ -R ⁰⁻¹ SW280 ²⁴ -R ⁰⁻¹ SW282 ²⁷ -R ⁰⁻¹ SW284 ³⁰ -R ⁰⁻¹ SW286 ³³ -R ⁰⁻¹ SW288 ³⁶ -R ⁰⁻¹ SW290 ³⁹ -R ⁰⁻¹ SW292 ⁴² -R ⁰⁻¹ SW294 ⁴⁵ -R ⁰⁻¹ SW296 ⁴⁸ -R ⁰⁻¹ SW298 ⁵¹ -R ⁰⁻¹ SW300 ⁵⁴ -R ⁰⁻¹ SW302 ⁵⁷ -R ⁰⁻¹ SW304 ⁰⁰ -R ⁰⁻¹ SW306 ⁰³ -R ⁰⁻¹ SW308 ⁰⁶ -R ⁰⁻¹ SW310 ⁰⁹ -R ⁰⁻¹ SW312 ¹² -R ⁰⁻¹ SW314 ¹⁵ -R ⁰⁻¹ SW316 ¹⁸ -R ⁰⁻¹ SW318 ²¹ -R ⁰⁻¹ SW320 ²⁴ -R ⁰⁻¹ SW322 ²⁷ -R ⁰⁻¹ SW324 ³⁰ -R ⁰⁻¹ SW326 ³³ -R ⁰⁻¹ SW328 ³⁶ -R ⁰⁻¹ SW330 ³⁹ -R ⁰⁻¹ SW332 ⁴² -R ⁰⁻¹ SW334 ⁴⁵ -R ⁰⁻¹ SW336 ⁴⁸ -R ⁰⁻¹ SW338 ⁵¹ -R ⁰⁻¹ SW340 ⁵⁴ -R ⁰⁻¹ SW342 ⁵⁷ -R ⁰⁻¹ SW344 ⁰⁰ -R ⁰⁻¹ SW346 ⁰³ -R ⁰⁻¹ SW348 ⁰⁶ -R ⁰⁻¹ SW350 ⁰⁹ -R ⁰⁻¹ SW352 ¹² -R ⁰⁻¹ SW354 ¹⁵ -R ⁰⁻¹ SW356 ¹⁸ -R ⁰⁻¹ SW358 ²¹ -R ⁰⁻¹ SW360 ²⁴ -R ⁰⁻¹ SW362 ²⁷ -R ⁰⁻¹ SW364 ³⁰ -R ⁰⁻¹ SW366 ³³ -R ⁰⁻¹ SW368 ³⁶ -R ⁰⁻¹ SW370 ³⁹ -R ⁰⁻¹ SW372 ⁴² -R ⁰⁻¹ SW374 ⁴⁵ -R ⁰⁻¹ SW376 ⁴⁸ -R ⁰⁻¹ SW378 ⁵¹ -R ⁰⁻¹ SW380 ⁵⁴ -R ⁰⁻¹ SW382 ⁵⁷ -R ⁰⁻¹ SW384 ⁰⁰ -R ⁰⁻¹ SW386 ⁰³ -R ⁰⁻¹ SW388 ⁰⁶ -R ⁰⁻¹ SW390 ⁰⁹ -R ⁰⁻¹ SW392 ¹² -R ⁰⁻¹ SW394 ¹⁵ -R ⁰⁻¹ SW396 ¹⁸ -R ⁰⁻¹ SW398 ²¹ -R ⁰⁻¹ SW400 ²⁴ -R ⁰⁻¹ SW402 ²⁷ -R ⁰⁻¹ SW404 ³⁰ -R ⁰⁻¹ SW406 ³³ -R ⁰⁻¹ SW408 ³⁶ -R ⁰⁻¹ SW410 ³⁹ -R ⁰⁻¹ SW412 ⁴² -R ⁰⁻¹ SW414 ⁴⁵ -R ⁰⁻¹ SW416 ⁴⁸ -R ⁰⁻¹ SW418 ⁵¹ -R ⁰⁻¹ SW420 ⁵⁴ -R ⁰⁻¹ SW422 ⁵⁷ -R ⁰⁻¹ SW424 ⁰⁰ -R ⁰⁻¹ SW426 ⁰³ -R ⁰⁻¹ SW428 ⁰⁶ -R ⁰⁻¹ SW430 ⁰⁹ -R ⁰⁻¹ SW432 ¹² -R ⁰⁻¹ SW434 ¹⁵ -R ⁰⁻¹ SW436 ¹⁸ -R ⁰⁻¹ SW438 ²¹ -R ⁰⁻¹ SW440 ²⁴ -R ⁰⁻¹ SW442 ²⁷ -R ⁰⁻¹ SW444 ³⁰ -R ⁰⁻¹ SW446 ³³ -R ⁰⁻¹ SW448 ³⁶ -R ⁰⁻¹ SW450 ³⁹ -R ⁰⁻¹ SW452 ⁴² -R ⁰⁻¹ SW454 ⁴⁵ -R ⁰⁻¹ SW456 ⁴⁸ -R ⁰⁻¹ SW458 ⁵¹ -R ⁰⁻¹ SW460 ⁵⁴ -R ⁰⁻¹ SW462 ⁵⁷ -R ⁰⁻¹ SW464 ⁰⁰ -R ⁰⁻¹ SW466 ⁰³ -R ⁰⁻¹ SW468 ⁰⁶ -R ⁰⁻¹ SW470 ⁰⁹ -R ⁰⁻¹ SW472 ¹² -R ⁰⁻¹ SW474 ¹⁵ -R ⁰⁻¹ SW476 ¹⁸ -R ⁰⁻¹ SW478 ²¹ -R ⁰⁻¹ SW480 ²⁴ -R ⁰⁻¹ SW482 ²⁷ -R ⁰⁻¹ SW484 ³⁰ -R ⁰⁻¹ SW486 ³³ -R ⁰⁻¹ SW488 ³⁶ -R ⁰⁻¹ SW490 ³⁹ -R ⁰⁻¹ SW492 ⁴² -R ⁰⁻¹ SW494 ⁴⁵ -R ⁰⁻¹ SW496 ⁴⁸ -R ⁰⁻¹ SW498 ⁵¹ -R ⁰⁻¹ SW500 ⁵⁴ -R ⁰⁻¹ SW502 ⁵⁷ -R ⁰⁻¹ SW504 ⁰⁰ -R ⁰⁻¹ SW506 ⁰³ -R ⁰⁻¹ SW508 ⁰⁶ -R ⁰⁻¹ SW510 ⁰⁹ -R ⁰⁻¹ SW512 ¹² -R ⁰⁻¹ SW514 ¹⁵ -R ⁰⁻¹ SW516 ¹⁸ -R ⁰⁻¹ SW518 ²¹ -R ⁰⁻¹ SW520 ²⁴ -R ⁰⁻¹ SW522 ²⁷ -R ⁰⁻¹ SW524 ³⁰ -R ⁰⁻¹ SW526 ³³ -R ⁰⁻¹ SW528 ³⁶ -R ⁰⁻¹ SW530 ³⁹ -R ⁰⁻¹ SW532 ⁴² -R ⁰⁻¹ SW534 ⁴⁵ -R ⁰⁻¹ SW536 ⁴⁸ -R ⁰⁻¹ SW538 ⁵¹ -R ⁰⁻¹ SW540 ⁵⁴ -R ⁰⁻¹ SW542 ⁵⁷ -R ⁰⁻¹ SW544 ⁰⁰ -R ⁰⁻¹ SW546 ⁰³ -R ⁰⁻¹ SW548 ⁰⁶ -R ⁰⁻¹ SW550 ⁰⁹ -R ⁰⁻¹ SW552 ¹² -R ⁰⁻¹ SW554 ¹⁵ -R ⁰⁻¹ SW556 ¹⁸ -R ⁰⁻¹ SW558 ²¹ -R ⁰⁻¹ SW560 ²⁴ -R ⁰⁻¹ SW562 ²⁷ -R ⁰⁻¹ SW564 ³⁰ -R ⁰⁻¹ SW566 ³³ -R ⁰⁻¹ SW568 ³⁶ -R ⁰⁻¹ SW570 ³⁹ -R ⁰⁻¹ SW572 ⁴² -R ⁰⁻¹ SW574 ⁴⁵ -R ⁰⁻¹ SW576 ⁴⁸ -R ⁰⁻¹ SW578 ⁵¹ -R ⁰⁻¹ SW580 ⁵⁴ -R ⁰⁻¹ SW582 ⁵⁷ -R ⁰⁻¹ SW584 ⁰⁰ -R ⁰⁻¹ SW586 ⁰³ -R ⁰⁻¹ SW588 ⁰⁶ -R ⁰⁻¹ SW590 ⁰⁹ -R ⁰⁻¹ SW592 ¹² -R ⁰⁻¹ SW594 ¹⁵ -R ⁰⁻¹ SW596 ¹⁸ -R ⁰⁻¹ SW598 ²¹ -R ⁰⁻¹ SW600 ²⁴ -R ⁰⁻¹ SW602 ²⁷ -R ⁰⁻¹ SW604 ³⁰ -R ⁰⁻¹ SW606 ³³ -R ⁰⁻¹ SW608 ³⁶ -R ⁰⁻¹ SW610 ³⁹ -R ⁰⁻¹ SW612 ⁴² -R ⁰⁻¹ SW614 ⁴⁵ -R ⁰⁻¹ SW616 ⁴⁸ -R ⁰⁻¹ SW618 ⁵¹ -R ⁰⁻¹ SW620 ⁵⁴ -R ⁰⁻¹ SW622 ⁵⁷ -R ⁰⁻¹ SW624 ⁰⁰ -R ⁰⁻¹ SW626 ⁰³ -R ⁰⁻¹ SW628 ⁰⁶ -R ⁰⁻¹ SW630 ⁰⁹ -R ⁰⁻¹ SW632 ¹² -R ⁰⁻¹ SW634 ¹⁵ -R ⁰⁻¹ SW636 ¹⁸ -R ⁰⁻¹ SW638 ²¹ -R ⁰⁻¹ SW640 ²⁴ -R ⁰⁻¹ SW642 ²⁷ -R ⁰⁻¹ SW644 ³⁰ -R ⁰⁻¹ SW646 ³³ -R ⁰⁻¹ SW648 ³⁶ -R ⁰⁻¹ SW650 ³⁹ -R ⁰⁻¹ SW652 ⁴² -R ⁰⁻¹ SW654 ⁴⁵ -R ⁰⁻¹ SW656 ⁴⁸ -R ⁰⁻¹ SW658 ⁵¹ -R ⁰⁻¹ SW660 ⁵⁴ -R ⁰⁻¹ SW662 ⁵⁷ -R ⁰⁻¹ SW664 ⁰⁰ -R ⁰⁻¹ SW666 ⁰³ -R ⁰⁻¹ SW668 ⁰⁶ -R ⁰⁻¹ SW670 ⁰⁹ -R ⁰⁻¹ SW672 ¹² -R ⁰⁻¹ SW674 ¹⁵ -R ⁰⁻¹ SW676 ¹⁸ -R ⁰⁻¹ SW678 ²¹ -R ⁰⁻¹ SW680 ²⁴ -R ⁰⁻¹ SW682 ²⁷ -R ⁰⁻¹ SW684 ³⁰ -R ⁰⁻¹ SW686 ³³ -R ⁰⁻¹ SW688 ³⁶ -R ⁰⁻¹ SW690 ³⁹ -R ⁰⁻¹ SW692 ⁴² -R ⁰⁻¹ SW694 ⁴⁵ -R ⁰⁻¹ SW696 ⁴⁸ -R ⁰⁻¹ SW698 ⁵¹ -R ⁰⁻¹ SW700 ⁵⁴ -R ⁰⁻¹ SW702 ⁵⁷ -R ⁰⁻¹ SW704 ⁰⁰ -R ⁰⁻¹ SW706 ⁰³ -R ⁰⁻¹ SW708 ⁰⁶ -R ⁰⁻¹ SW710 ⁰⁹ -R ⁰⁻¹ SW712 ¹² -R ⁰⁻¹ SW714 ¹⁵ -R ⁰⁻¹ SW716 ¹⁸ -R ⁰⁻¹ SW718 ²¹ -R ⁰⁻¹ SW720 ²⁴ -R ⁰⁻¹ SW722 ²⁷ -R ⁰⁻¹ SW724 ³⁰ -R ⁰⁻¹ SW726 ³³ -R ⁰⁻¹ SW728 ³⁶ -R ⁰⁻¹ SW730 ³⁹ -R ⁰⁻¹ SW732 ⁴² -R ⁰⁻¹ SW734 ⁴⁵ -R ⁰⁻¹ SW736 ⁴⁸ -R ⁰⁻¹ SW738 ⁵¹ -R ⁰⁻¹ SW740 ⁵⁴ -R ⁰⁻¹ SW742 ⁵⁷ -R ⁰⁻¹ SW744 ⁰⁰ -R ⁰⁻¹ SW746 ⁰³ -R ⁰⁻¹ SW748 ⁰⁶ -R ⁰⁻¹ SW750 ⁰⁹ -R ⁰⁻¹ SW752 ¹² -R ⁰⁻¹ SW754 ¹⁵ -R ⁰⁻¹ SW756 ¹⁸ -R ⁰⁻¹ SW758 ²¹ -R ⁰⁻¹ SW760 ²⁴ -R ⁰⁻¹ SW762 ²⁷ -R ⁰⁻¹ SW764 ³⁰ -R ⁰⁻¹ SW766 ³³ -R ⁰⁻¹ SW768 ³⁶ -R ⁰⁻¹ SW770 ³⁹ -R ⁰⁻¹ SW772 ⁴² -R ⁰⁻¹ SW774 ⁴⁵ -R ⁰⁻¹ SW776 ⁴⁸ -R ⁰⁻¹ SW778 ⁵¹ -R ⁰⁻¹ SW780 ⁵⁴ -R ⁰⁻¹ SW782 ⁵⁷ -R ⁰⁻¹ SW784 ⁰⁰ -R ⁰⁻¹ SW786 ⁰³ -R ⁰⁻¹ SW788 ⁰⁶ -R ⁰⁻¹ SW790 ⁰⁹ -R ⁰⁻¹ SW792 ¹² -R ⁰⁻¹ SW794 ¹⁵ -R ⁰⁻¹ SW796 ¹⁸ -R ⁰⁻¹ SW798 ²¹ -R ⁰⁻¹ SW800 ²⁴ -R ⁰⁻¹ SW802 ²⁷ -R ⁰⁻¹ SW804 ³⁰ -R ⁰⁻¹ SW806 ³³ -R ⁰⁻¹ SW808 ³⁶ -R ⁰⁻¹ SW810 ³⁹ -R ⁰⁻¹ SW812 ⁴² -R ⁰⁻¹ SW814 ⁴⁵ -R ⁰⁻¹ SW816 ⁴⁸ -R ⁰⁻¹ SW818 ⁵¹ -R ⁰⁻¹ SW820 ⁵⁴ -R ⁰⁻¹ SW822 ⁵⁷ -R ⁰⁻¹ SW824 ⁰⁰ -R ⁰⁻¹ SW826 ⁰³ -R ⁰⁻¹ SW828 ⁰⁶ -R ⁰⁻¹ SW830 ⁰⁹ -R ⁰⁻¹ SW832 ¹² -R ⁰⁻¹ SW834 ¹⁵ -R ⁰⁻¹ SW836 ¹⁸ -R ⁰⁻¹ SW838 ²¹ -R ⁰⁻¹ SW840 ²⁴ -R ⁰⁻¹ SW8

Août - August.

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979
TMO - GMT

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]						
	6h	12h	18h	M	0h	6h	12h	18h	M	Max.	Min.	Ampl.		Min.	6h	12h	18h	M	0h	6h	12h	18h	M	6h	12h	18h	M		
1	97.6	97.2	97.6	97.5	15.4	17.6	27.7	19.9	20.2	28.2	14.5	13.7	12.2	17.5	20.2	21.2	19.6	98	87	54	91	82	S	1	WSW	2	SW	1	1.3
2	100.3	99.0	97.3	98.9	17.3	19.4	29.1	24.8	22.6	30.2	14.9	15.3	12.8	20.2	16.4	21.1	19.2	95	89	41	68	73	WSW	2	WSW	3	W	1	2.0
3	102.7	103.5	103.0	103.1	18.3	19.9	24.2	21.5	21.0	25.2	15.9	9.3	13.1	18.9	18.9	21.5	19.8	97	81	63	84	81	W	1	SSW	1	C	0	0.7
4	105.8	103.7	103.9	105.1	15.0	16.7	22.9	18.3	18.2	23.4	13.8	9.6	11.1	18.4	19.3	19.0	18.9	96	97	69	90	88	WSW	2	WNW	1	W	1	1.3
5	103.4	104.5	105.3	104.4	14.4	14.2	19.1	16.3	16.0	20.5	12.9	7.6	13.1	16.0	12.8	13.2	14.0	98	99	58	72	82	WNW	3	NW	4	NW	1	2.7
6	107.0	105.7	105.3	106.0	10.4	13.2	19.7	15.6	14.7	20.5	8.6	11.9	8.6	12.7	10.7	13.8	12.4	98	84	47	78	77	W	1	NW	2	C	0	1.0
7	106.1	104.6	104.2	105.0	11.0	13.8	23.0	18.9	16.7	23.7	9.5	14.2	8.1	12.2	12.4	14.1	12.9	97	78	44	65	71	E	1	SE	2	W	1	1.3
8	102.9	101.3	100.4	101.5	13.6	16.1	24.9	22.7	19.3	26.8	13.0	13.8	10.1	12.5	15.8	16.7	15.0	85	68	50	61	66	ESE	2	W	1	ESE	1	1.3
9	99.5	100.9	98.6	99.7	19.2	18.7	21.2	19.1	19.6	23.7	17.4	6.3	15.5	16.2	18.5	19.1	17.9	72	75	74	87	77	SW	1	NW	1	C	0	0.7
10	94.0	93.8	95.7	94.5	17.1	17.2	18.4	17.5	17.6	21.6	15.9	5.7	12.1	19.2	20.5	17.2	19.0	95	98	97	86	94	W	1	WSW	1	WSW	1	1.0
11	100.2	102.3	103.4	102.0	12.8	13.0	15.1	15.5	14.1	17.5	10.6	6.9	8.3	13.2	13.7	14.6	13.8	100	88	80	83	88	SW	1	SW	2	C	0	1.0
12	105.5	106.0	106.2	105.9	13.1	12.7	16.3	13.7	14.0	16.8	10.5	6.3	8.6	13.5	12.0	14.6	13.4	97	92	65	93	87	N	1	N	1	W	1	1.0
13	104.0	103.8	104.3	104.0	12.2	12.2	12.9	13.5	12.7	13.7	11.9	1.8	11.6	13.7	14.5	14.9	14.4	96	96	98	97	97	NW	1	NW	2	NW	1	1.3
14	104.2	103.8	103.4	103.8	13.6	14.0	18.7	17.8	16.0	21.0	13.4	7.6	13.2	15.8	17.4	18.6	17.3	100	99	81	91	93	W	1	WNW	1	W	1	1.0
15	103.9	103.6	104.6	104.0	13.2	16.1	25.9	20.1	18.8	26.2	11.4	14.8	10.1	17.3	16.0	18.5	17.3	97	95	48	79	80	SSE	1	NE	1	WNW	1	1.0
16	105.6	105.3	105.4	105.4	13.2	17.4	26.0	19.9	19.1	26.5	11.2	15.3	8.6	14.8	13.4	15.3	14.5	100	74	40	66	70	NW	1	NE	2	NW	1	1.3
17	106.9	105.6	104.6	105.7	13.2	17.7	25.9	19.2	19.0	26.3	9.9	16.4	7.0	13.4	10.1	15.2	12.9	92	66	30	69	64	NW	1	NW	4	ESE	1	2.0
18	102.8	101.4	102.5	102.2	12.7	17.5	24.3	18.2	18.2	25.1	11.9	13.2	9.0	14.3	13.6	12.4	13.4	97	72	45	60	68	C	0	NNE	3	E	3	2.0
19	101.4	99.9	99.4	100.2	15.6	14.6	19.1	17.5	16.7	20.5	14.4	6.1	13.6	16.1	16.5	17.4	16.7	85	97	75	87	86	NE	1	ESE	2	C	0	1.0
20	96.9	99.1	98.8	98.3	14.5	15.5	17.0	16.7	15.9	18.3	14.3	4.0	12.0	16.8	18.6	17.8	17.7	96	96	96	94	96	C	0	NW	1	C	0	0.3
21	101.8	101.8	102.1	101.9	12.6	14.4	23.1	17.4	16.9	23.5	10.4	13.1	8.2	15.8	16.4	16.7	16.3	97	97	58	84	84	SW	1	W	2	C	0	1.0
22	103.6	103.7	102.9	103.4	12.7	14.8	22.1	19.5	17.3	23.5	11.4	12.1	9.0	16.3	14.5	18.2	16.3	97	97	55	80	82	SW	1	WSW	1	NW	1	1.0
23	102.8	102.0	101.4	102.1	16.2	16.5	25.5	19.7	19.5	26.1	15.4	10.7	14.6	17.4	17.7	18.9	18.0	92	93	54	82	80	C	0	SSE	2	C	0	0.7
24	99.1	98.4	98.6	98.7	14.9	17.9	25.3	17.9	19.0	26.1	14.5	11.6	12.1	17.3	17.2	16.9	17.1	97	84	53	82	79	SW	2	SW	3	NW	1	2.0
25	93.0	94.6	93.5	93.7	16.0	17.5	18.8	15.3	16.9	19.4	14.9	4.5	12.6	17.2	15.0	15.0	15.7	93	86	69	86	84	S	1	SW	2	C	0	1.0
26	94.5	95.8	95.7	95.3	13.6	11.4	18.7	13.4	14.3	19.0	11.4	7.6	11.1	13.3	11.7	12.9	12.6	86	99	54	84	81	SW	1	SW	3	W	1	1.7
27	96.1	97.2	98.1	97.1	11.4	12.3	18.6	13.8	14.0	19.3	11.1	8.2	9.3	12.6	10.9	12.1	11.9	92	88	51	77	77	SW	1	WSW	2	W	1	1.3
28	100.5	103.3	105.7	103.2	11.9	12.5	12.0	12.5	12.2	14.0	10.0	4.0	9.6	11.3	12.8	11.3	11.8	88	78	91	78	84	W	3	W	4	W	3	3.3
29	108.5	110.1	110.9	109.8	10.7	12.0	13.9	12.3	12.2	16.0	10.4	5.6	9.1	11.3	11.5	12.6	11.8	86	81	72	88	82	WSW	2	WSW	1	C	0	1.0
30	114.3	114.3	112.0	113.5	10.6	10.1	16.9	14.6	13.0	19.0	8.8	10.2	7.0	12.4	14.6	14.8	13.9	99	100	76	89	91	WSW	1	W	1	C	0	0.7
31	112.1	111.2	110.6	111.3	12.6	14.0	22.7	14.8	16.0	23.6	10.4	13.2	7.8	15.3	12.3	12.8	13.5	99	95	45	76	79	W	1	W	2	C	0	1.0
M	102.5	102.6	102.4	102.5	13.8	15.2	20.9	17.4	16.8	22.1	12.4	9.7	10.6	15.3	15.0	16.1	15.5	94	88	62	81	81		1.2		1.9		0.7	1.3

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	M	6 ^h	12 ^h	18 ^h			
1	9	9	8	8.7	Ao, Cu	Cl, Co, Cu	Co, Cl, Co	0.9	.	● 0.58-0.05, ● 1.15 ³¹ -15 ⁵⁶ , (R) 1.5W15 ³⁴ -S-S215 ⁴⁰
2	0	3	4	2.3	.	Cl, Cu	Co, Cu	.	.	.
3	7	9	4	6.7	Ao, Cl, Co	Se	Cl, Co, Ao	0.0	.	● 0.33-0.37, ● 0.10-0.20, ● 0.14 ⁴⁰ ...15 ⁴⁷
4	10	10	10	10.0	Ao, Ao	Ao, Ao	Ao, Ao, Cu	21.1	.	== 0-7 ¹⁷ , = 17 ²⁵ -sp; ● 0.15 ⁴² , ● 0.10 ⁰¹ ...10 ²⁹ , ● 0-1.14 ⁵⁹ -24 ⁰⁰
5	10	9	3	7.3	Se	Se, Cu	Ao, Cu	0.0	.	● 1.00-2.57, ● 2.57-4.04, ● 0.14 ³² -14 ⁴⁷ , ● 0.13 ²⁸ -15 ³²
6	2	5	7	4.7	Cl, Cu	Cu	Cl, Co	.	.	▲ 0.8-15, ▲ 0.17 ¹⁵ -sp
7	8	3	0	3.0	Ao	Cu	.	.	.	▲ 0.8-7 ¹⁰
8	10	8	10	9.3	Se	Ao, Ao	Ao	.	.	.
9	9	10	10	9.7	Co, Cl	Ao	Ao, Co	15.6	.	● 0.11 ¹² ...13 ¹² , ● 0.14 ⁰⁴ -14 ¹⁸ , ● 0-1.19 ⁵² -22 ⁵⁵
10	7	10	7	8.0	Co, Cl, Ao	Ch	Cl, Cu, Ao	3.0	.	== 0-1 (R) 20 ²³ -(R) 1.27-1.58-(R) 2.40, 1.6 ¹⁻² , 2.20 ⁴⁷ , ● 0.9 ⁴⁵ -10 ²⁰ , ● 0.11 ⁴⁴ -11 ⁵⁴ , ● 2.11 ⁵⁴ -12 ⁰⁸ , ● 0.12 ⁰⁸ -12 ¹⁴ , ● 0.12 ³³ ...13 ⁴⁸
11	10	10	10	10.0	Se	Se	Se	0.2	.	● 0.31-7.57, ● 0.17-0.22, ● 0.09 ⁵⁷ ...10 ⁵⁴ , ● 2.10 ⁰⁶ ...23 ⁰⁸
12	9	10	10	9.7	Ao, Cl	Se	Se	8.9	.	● 0.11 ³² -11 ⁴⁶ , ● 0.12 ¹² -18 ²¹ , ● 1.18 ²¹ -20 ³⁹ , ● 0.20 ³⁹ -24 ⁰⁰
13	10	10	10	10.0	Se	Se	Se	8.0	.	● 0-1.00-1.4 ⁵⁷ , ● 0.16 ⁵⁷ -17 ²⁷ , ● 0.23 ⁰³ -24 ⁰⁰
14	10	7	0	5.7	St	Se	.	0.0	.	● 0.00-7.52, = 17 ⁵⁴ -sp
15	0	2	1	1.0	.	Cu	Cl	.	.	▲ 2.8-8, ▲ 0.17 ⁴⁰ -sp
16	0	2	2	1.3	.	Cl	Cl	.	.	▲ 2.8-10, ▲ 0.18 ³⁵ -sp
17	0	8	1	0.3	.	.	Co	.	.	▲ 1.8-7 ⁵⁰
18	2	4	9	5.0	Ao	Ao, Cu, Ch	Co, Cl, Ch	0.9	.	▲ 1.8-8; ● 0.18 ¹⁸ -18 ²⁷ , ● 0.18 ⁴⁸ -19 ¹³ , (R) 0.5S213 ³⁹ -S-SW14 ⁰⁹
19	10	5	10	8.3	St	Cu	Cu, Ao	1.3	.	● 0.14 ² -5 ¹¹ , ● 0.6 ²⁶ -7 ⁰⁷ , ● 0-1.8 ²⁴ ...10 ¹⁸ , ● 0.11 ¹⁹ -11 ³³
20	10	10	10	10.0	Se	Se	Se	3.9	.	● 0-1.2 ²¹ -11 ⁴² , ● 0.15 ¹² -15 ²⁴ , = 17 ³⁸ -sp
21	0	1	0	0.3	.	Cu	.	0.0	.	▲ 1.8-8; ● 0.13 ³⁹ -13 ⁵¹ , (R) 0.5W14 ²⁵ -S-S215 ⁴⁴
22	8	9	10	8.0	Co, Co	Ao	.	0.0	.	▲ 1.8-7 ⁵⁰
23	10	9	7	8.7	St	Ao	Cu	0.1	.	== 0-9; ● 0.10 ⁰⁸ -11 ¹⁴ , ● 0.12-7 ²¹ , ● 0.18 ³² -18 ³⁷
24	10	10	9	9.7	Co, Ao	Co, Co	Cu	0.0	.	▲ 1.8-7 ⁵⁰
25	10	10	10	10.0	Se, Ao	Se	Se	11.0	.	● 0.33-3.49, ● 0.02-0.08, ● 0.03...0.27
26	10	6	8	7.0	Se	Cl	Cl, Co	4.6	.	● 0-1.05 ⁴ -7 ⁵⁷ , ● 0.23 ¹⁸ ...23 ³⁶
27	10	5	10	8.3	Se	Cu, Cu	Se, Ch	0.0	.	● 0.15...5.18, ● 0.31-7 ²⁷ , ● 0.17 ⁵⁷ -18 ¹⁸
28	10	10	10	10.0	Se	Se	Se, Ch	0.6	.	● 0.12-2.24, ● 0.6 ⁵⁹ ...10 ⁴⁸ , ● 0-1.10 ⁴⁸ -13 ¹⁸ , ● 0.14 ⁰⁵ -14 ¹⁷ , ● 0.15 ¹⁸ -15 ²⁴ , ● 0.17 ⁴⁸ -17 ⁵⁷ , ● 1.18 ¹⁸ -18 ²⁹ , ● 0.20 ¹³ -20 ¹⁸
29	2	10	9	7.0	Ao	Ao, Cu	Se	0.0	.	● 0.15...3.03, ● 0.13 ⁴⁷ -14 ²⁸
30	10	10	10	10.0	St	Ao, Sp	Co, Ao	.	.	▲ 2.8-05, ▲ 0.17 ⁴⁰ -sp; = 0-7 ³⁰
31	0	0	2	0.7	.	.	Cl	.	.	▲ 1.8-25
M	5.7	7.0	6.7	6.8				80.0 ^h		Le total mean Monthly mean

Septembre - September

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979

TMO - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.		6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M		
1	111.4	110.5	109.0	110.3	8.5	11.8	24.7	18.9	18.0	25.6	6.4	19.2	4.6	13.2	13.9	18.1	15.1	94	95	45	83	79	SE	1	S	1	E	1	1.0
2	109.0	108.6	107.3	108.3	12.7	14.4	26.7	18.5	18.1	27.1	10.9	18.2	7.8	14.4	16.3	17.2	16.0	95	88	47	81	78	SSW	1	S	2	W	1	1.3
3	106.9	106.0	103.6	105.5	13.9	15.2	27.8	19.4	19.1	28.2	11.9	16.3	8.7	14.1	14.1	15.9	14.7	95	82	38	70	71	SSW	1	SSW	3	SW	1	1.7
4	105.2	105.9	105.5	105.5	13.4	15.5	20.5	15.3	16.2	21.2	13.3	7.9	10.5	17.2	15.8	16.6	16.5	96	98	65	96	89	O	0	O	0	SSW	1	0.3
5	108.0	108.7	109.2	108.6	13.5	13.6	17.1	15.4	14.9	19.5	12.9	6.6	10.7	15.4	16.9	14.7	15.7	98	99	87	84	92	W	1	W	2	W	1	1.3
6	110.4	108.6	107.8	108.9	9.0	10.6	17.0	12.1	12.2	18.1	7.4	10.7	5.5	12.6	11.4	12.6	12.2	96	99	59	89	86	NW	1	WSW	1	W	1	1.0
7	107.6	108.1	108.6	108.1	11.5	13.2	19.9	14.8	14.8	20.8	10.8	10.0	9.3	13.1	10.7	12.8	12.2	98	86	46	76	76	WNW	1	WNW	1	WNW	1	1.0
8	111.2	111.4	110.2	110.9	10.8	12.7	17.4	14.3	13.8	17.8	10.4	7.4	7.1	13.5	11.8	14.3	13.2	98	92	60	88	84	WNW	1	C	0	C	0	0.3
9	110.2	109.3	107.3	108.9	11.9	11.4	20.3	14.2	14.4	21.0	9.9	11.1	8.2	13.1	10.4	12.6	12.0	97	98	44	78	79	C	0	W	1	WSW	1	0.7
10	105.7	106.4	106.3	106.1	12.1	11.2	17.7	15.1	14.0	18.8	10.8	8.0	9.0	12.3	15.8	15.3	14.5	81	92	78	89	85	NW	1	SW	1	SW	1	1.0
11	107.6	106.3	104.0	106.0	12.0	11.2	18.1	15.1	14.1	20.6	7.9	12.7	5.2	12.3	14.4	14.4	13.7	93	92	69	84	84	W	1	W	3	W	1	1.7
12	103.4	106.2	107.6	105.7	14.4	14.2	18.0	10.6	14.3	18.7	10.6	8.1	9.4	15.5	7.7	9.9	11.0	88	95	37	77	74	W	2	WNW	4	C	0	2.0
13	107.0	104.1	101.2	104.1	4.1	7.9	22.8	17.6	13.1	24.1	3.3	20.8	0.8	10.0	14.8	15.6	13.5	98	94	53	77	80	SW	1	SSW	3	SW	1	1.7
14	104.5	104.6	101.9	103.7	13.8	13.2	17.7	9.2	13.5	19.3	9.2	10.1	5.6	13.6	9.5	9.5	10.9	91	90	47	81	77	W	1	WNW	2	C	0	1.0
15	95.4	96.0	97.6	96.3	8.9	10.9	13.1	8.1	10.2	14.5	7.4	7.1	4.5	9.8	6.7	9.7	8.7	98	75	44	90	77	W	3	W	5	W	2	3.3
16	106.5	107.2	109.7	107.8	5.9	6.1	13.6	7.2	8.2	14.8	4.4	10.4	3.1	8.7	8.7	8.4	7.9	92	92	43	83	78	W	3	WSW	3	WSW	1	2.3
17	107.6	105.5	102.3	105.1	2.8	6.4	14.0	11.4	8.6	14.7	2.4	12.3	0.6	9.5	8.9	9.9	9.4	98	96	56	73	81	SW	1	WSW	2	WSW	1	1.3
18	99.6	98.5	96.3	97.5	10.7	11.2	20.5	16.4	14.7	21.6	9.9	11.7	9.0	10.4	11.0	12.6	11.3	76	78	46	68	67	SSW	1	WSW	3	W	1	1.7
19	103.0	104.4	105.1	104.2	16.5	15.4	20.4	16.4	17.2	21.4	14.6	6.8	13.1	14.3	13.3	15.0	14.2	75	82	56	80	73	W	1	WNW	4	C	0	1.7
20	105.7	104.0	102.2	104.0	15.1	14.4	23.3	15.4	17.0	25.2	12.4	12.8	9.0	15.5	15.8	15.8	15.7	92	94	55	90	83	S	1	SSW	1	C	0	0.7
21	99.5	99.0	99.1	99.2	14.4	14.5	21.8	17.8	17.1	22.7	13.1	9.6	10.4	15.8	17.2	16.6	16.5	97	96	66	81	85	C	0	SW	1	SW	1	0.7
22	98.2	100.1	101.2	99.8	14.3	12.6	15.3	13.3	13.9	17.8	12.0	5.8	12.4	14.1	14.0	13.3	13.8	91	96	81	87	89	WNW	1	N	1	NNE	2	1.3
23	102.6	104.0	104.5	103.7	11.3	10.4	12.2	12.0	11.5	13.3	10.4	2.9	10.2	12.4	12.8	13.2	12.8	94	99	90	94	94	NNW	1	NW	1	NNE	1	1.0
24	104.6	103.1	101.0	102.9	11.8	11.7	15.5	14.0	13.2	16.1	11.3	4.8	11.5	13.7	15.0	15.8	14.8	100	100	85	99	96	NNE	1	NNW	2	NE	1	1.3
25	97.6	100.9	102.6	100.4	13.9	14.9	12.0	10.8	12.9	15.2	10.8	4.4	10.8	16.9	12.7	12.6	14.1	99	100	90	97	96	SW	1	SSW	2	SSW	1	1.3
26	110.1	113.1	112.8	112.0	9.5	9.9	14.6	8.2	10.6	15.1	8.2	6.9	5.6	11.7	10.8	10.1	10.9	98	96	65	93	88	W	2	W	2	C	0	1.3
27	114.2	113.5	112.2	113.3	5.1	6.4	18.6	9.7	10.0	18.8	4.0	14.8	2.1	9.6	11.4	10.6	10.5	99	100	53	88	85	WSW	1	WSW	1	C	0	0.7
28	114.9	116.9	118.1	116.6	8.5	11.0	15.7	7.8	10.8	16.0	7.8	8.2	6.1	12.8	8.4	9.4	10.2	96	97	47	89	82	WNW	1	W	1	C	0	0.7
29	117.5	115.3	113.3	115.4	3.8	1.8	14.7	5.6	6.5	15.0	0.6	14.4	-0.9	6.8	8.4	8.2	7.8	95	98	50	91	84	C	0	NW	1	C	0	0.3
30	113.6	113.5	113.9	113.7	4.2	4.8	13.4	3.5	6.5	13.7	2.5	11.2	-0.4	8.6	6.0	6.6	7.1	100	100	39	85	81	NW	1	NW	3	NW	1	1.7
M	106.6	106.6	106.0	106.4	10.6	11.3	18.1	12.9	13.2	19.2	8.9	10.3	7.0	12.7	12.1	12.9	12.6	94	93	58	85	82	1.1	1.9	0.8	1.3			

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	M	6 ^h	12 ^h	18 ^h	[mm]	[cm]	
1	0	1	6	2.3	.	Cl	Cs, Cl	.	.	$\Delta^1_{na-730}, \Delta^0_{1810-np}$
2	0	0	1	0.3	.	.	Cl	.	.	$\Delta^1_{n-720}, \Delta^0_{1740-np}$
3	0	2	7	3.0	.	Cl	Cu, Cl	.	.	Δ^1_{n-700}
4	10	10	10	10.0	St	Ch, Se	Se	2.8	.	$\equiv^1_{130-20}, \equiv^0_{20-515}, \equiv^1_{1700-np}; \equiv^1_{15-646}, \equiv^0_{845-51}, \equiv^0_{915-927}, \equiv^0_{1036} \dots 1101,$ $\equiv^0_{8-1230} \dots 1646; ((R)^0_{SE1110-NE1148}, ((R)^0_{SE1259-SE-21315}, ((R)^0_{W1338-SW-S1339}$
5	10	10	10	10.0	St	Se	Se	0.0	.	$\equiv^0_{na-720}; \equiv^0_{720-840}, \equiv^0_{1133-1215}$
6	10	10	6	8.7	St	Se	Ac, Se	.	.	$\equiv^2_{na-450}, \equiv^1_{450-525}, \equiv^0_{525-610}, \equiv^0_{610-730}$
7	1	6	9	5.3	Cu	Cu	Cu	.	.	Δ^1_{n-755}
8	10	10	10	10.0	Se	Se	Se	.	.	Δ^1_{n-805}
9	1	3	2	2.0	Cl	Cu	Cl	0.4	.	Δ^0_{n-715}
10	10	10	10	10.0	Se	Ac, Ac	Ac, Ac	0.1	.	$\equiv^0_{423-745}$
11	9	10	2	7.0	Cu	Se, Ac	Cl, Cu	0.1	.	$\Delta^1_{n-8}, \Delta^0_{1750-np}$
12	10	8	3	7.0	Se	Cl, Ce	Cl	.	.	$\equiv^0_{355} \dots 53; \equiv^0_{na-720}; \Delta^0_{1805-np}$
13	0	0	5	1.7	.	.	Ac, Ac	.	.	Δ^2_{n-720}
14	6	2	2	3.3	Ac	Cu	Cl	0.0	.	$\Delta^0_{na-7}, \Delta^0_{1740-np}$
15	5	4	10	6.3	Cu, Cl	Cu, Cl	Ch	2.5	.	$\equiv^0_{512-525}, \equiv^0_{700-704}, \equiv^0_{756-758}, \equiv^0_{1301-1303}, \equiv^1_{1359-1418}, \equiv^0_{1729-1730},$ $\equiv^0_{-1744-1920}, \equiv^0_{1926} \dots 2051$
16	1	5	0	2.0	Cu	Ch, Cu	.	0.0	.	$\equiv^0_{1048} \dots 1118$
17	10	10	10	10.0	Se	Se, Ac	Se	0.0	.	$\equiv^0_{338} \dots 45, \equiv^0_{1321-1324}, \equiv^0_{1351-1409}, \equiv^0_{1701-1815}, \equiv^0_{1841-1847}, \equiv^0_{1904-1906},$ $\equiv^0_{2017} \dots 2126$
18	10	10	10	10.0	Se	Cl, Ce, Ac	Ac, Cu	0.0	.	$\equiv^0_{549-638}, \equiv^0_{1655-1657}, \equiv^0_{1935} \dots 1942$
19	6	9	9	8.0	Cl, Ce, Ac	Ac, Cu	Ac	.	.	
20	0	4	0	1.3	.	Cu	.	.	.	$\equiv^0_{na-4}$
21	3	9	10	7.3	Ac	Ac, Cu	Ac, Ac	0.0	.	$\Delta^1_{n-730}, \equiv^0_{2124-2234}$
22	10	10	10	10.0	St	St	Se	0.0	.	$\equiv^0_{015-051}; \equiv^0_{n-730}$
23	10	10	10	10.0	St	St	St	0.4	.	$\equiv^0_{na-740}; \equiv^0_{117} \dots 1005, \equiv^0_{1640-2400}$
24	10	10	10	10.0	St	Se	Se	2.7	.	$\equiv^0_{000} \dots 615, \equiv^0_{230-303}, \equiv^0_{na-630}, \equiv^0_{630-805}, \equiv^0_{-11503} \dots 2206; ((R)^0_{LNE2030-np}$
25	10	10	10	10.0	St	St	Na	6.2	.	$\angle^0_{na}; \equiv^1_{na-710}, \equiv^0_{106-338}, \equiv^0_{1415-306}, \equiv^0_{1815-715}, \equiv^0_{-11348-2400}$
26	10	7	0	5.7	Na	Cu	.	0.1	.	$\equiv^0_{-1000-325}, \equiv^0_{1750-np}$
27	3	1	0	1.3	Ce, Ac	Cl	.	1.1	.	$\equiv^0_{na-520}; \equiv^0_{520-720}, \Delta^0_{1708-2400}$
28	9	3	4	6.3	Se, Ac	Cl, Cu	Cl, Ce	0.1	.	$\Delta^0_{000-133}, \equiv^0_{-1,33-329}, \equiv^0_{439-448}, \equiv^0_{715-724}$
29	1	3	0	1.3	Ac	Cu	.	.	.	$\Delta^2_{na-640}, \Delta^0_{-1700-241}, \equiv^0_{510-645}$
30	3	5	0	2.7	Ac, Ce	Cu	.	.	.	$\Delta^2_{000-650}, \Delta^0_{1755-np}; \equiv^0_{na-755}$
M	5.9	6.4	5.9	6.1				16.5*		*Le total mens Monthly mean

Octobre - October

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979

TMGR - GMT

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]						
	6h	12h	18h	M	0h	6h	12h	18h	M	Max.	Min.	Ampl.		Min.	6h	12h	18h	M	0h	6h	12h	18h	M	6h	12h	18h	M		
1	114.4	113.1	114.1	113.9	-1.5	-2.1	12.8	2.5	2.9	13.4	-3.2	16.6	-4.9	5.2	6.8	6.3	6.1	98	100	46	86	82	W	1	WNW	2	WNW	1	1.3
2	118.1	118.9	120.6	119.2	0.2	-0.5	9.3	0.3	2.3	10.0	-2.1	12.1	-5.3	5.7	4.7	5.1	5.2	98	98	41	82	79	N	1	NNW	2	NNW	1	1.3
3	122.5	120.7	117.6	120.3	-3.7	-4.4	8.3	0.1	0.1	10.2	-6.5	16.7	-7.9	4.2	5.0	5.4	4.9	95	96	46	88	81	SSE	1	ESE	1	C	0	0.7
4	111.3	106.8	102.7	106.9	-3.0	0.2	10.8	5.5	3.4	11.6	-3.4	15.0	-7.3	4.8	5.8	6.8	5.8	99	78	45	75	74	ESE	1	E	1	C	0	0.7
5	100.6	102.0	106.4	103.0	4.3	5.1	12.0	6.7	7.0	12.5	4.0	8.5	0.6	8.2	6.0	6.5	6.9	86	94	43	67	72	C	0	N	3	NNW	3	2.0
6	114.7	116.2	117.4	116.1	-0.9	-1.6	10.1	0.7	2.1	10.5	-3.5	14.0	-7.9	5.2	5.1	5.3	5.2	96	96	41	83	79	NNE	1	NE	2	NE	1	1.3
7	119.4	118.6	116.4	118.1	-2.1	-1.9	12.3	5.6	3.5	13.5	-3.9	17.4	-7.9	5.3	4.9	5.5	5.2	97	100	34	61	73	SSE	1	S	3	S	1	1.7
8	116.4	114.5	114.9	115.3	0.9	-0.5	16.8	6.7	6.0	17.5	-2.3	19.8	-6.5	5.7	7.8	7.1	6.9	90	98	41	72	75	SW	1	SSE	2	SW	1	1.3
9	113.3	111.4	110.4	111.7	3.6	2.7	16.4	6.3	7.2	16.5	1.6	14.9	-1.4	6.9	8.8	8.1	7.9	90	93	47	85	79	S	1	SW	1	C	0	0.7
10	110.6	108.0	106.8	108.5	3.5	2.7	18.1	10.2	8.6	18.8	1.7	17.1	-2.0	7.4	9.2	8.7	8.4	99	100	44	70	78	SSE	1	SSE	1	SE	1	1.0
11	105.2	102.6	101.2	103.0	4.7	3.2	19.4	10.8	9.5	20.5	2.3	18.2	-2.3	7.3	7.1	7.6	7.3	92	95	32	59	70	SE	1	SSE	3	SSE	1	1.7
12	100.3	97.9	97.6	98.6	6.9	5.4	21.3	13.1	11.7	21.8	4.1	17.7	-1.3	6.6	7.7	8.4	7.6	64	74	30	56	56	SSE	1	W	2	S	1	1.3
13	97.4	96.1	94.5	96.0	9.2	7.9	20.7	12.5	12.6	20.9	6.3	14.6	2.4	8.4	9.4	9.6	9.1	74	79	38	67	64	SW	2	SSW	0	C	0	1.7
14	94.1	93.4	94.5	94.0	12.9	11.2	21.1	16.9	15.5	21.8	10.4	11.4	6.1	11.6	13.3	13.9	12.9	67	88	53	72	70	W	1	WSW	2	WSW	1	1.3
15	95.8	94.0	93.3	94.4	12.4	11.5	23.3	19.9	16.8	23.6	9.9	13.7	5.0	13.2	14.6	14.5	14.1	94	97	51	62	76	W	1	SSW	4	S	2	2.3
16	98.0	99.5	100.6	99.4	15.4	9.8	21.1	12.4	14.7	22.1	9.6	12.5	8.0	11.8	14.5	12.7	13.0	75	97	58	88	80	S	1	SW	1	WSW	1	1.0
17	104.5	104.7	104.6	104.6	11.6	8.0	14.4	12.3	11.6	15.5	6.6	8.9	3.7	10.7	15.1	13.8	13.2	89	100	92	96	94	C	0	C	0	C	0	0.0
18	106.2	105.5	103.5	105.1	11.3	9.2	10.5	5.4	9.1	12.3	5.4	6.9	2.6	11.3	10.0	8.5	9.9	97	97	79	95	92	W	1	WSW	1	C	0	0.7
19	107.4	110.1	112.5	110.0	8.1	7.4	7.8	7.6	7.7	9.1	5.0	4.1	2.1	9.8	10.4	10.1	10.1	99	96	99	97	98	SW	1	WSW	1	C	0	0.7
20	111.9	110.9	110.6	111.1	6.1	7.1	12.1	10.4	8.9	12.4	8.0	6.4	5.7	9.9	10.0	12.1	10.7	97	99	71	96	91	WSW	1	W	1	C	0	0.7
21	112.3	112.0	111.9	112.1	8.3	7.4	11.7	3.5	7.7	12.0	3.5	8.5	0.0	9.7	9.0	7.3	8.7	99	94	66	93	88	W	1	W	3	C	0	1.3
22	112.7	114.9	116.7	114.8	0.3	0.2	7.0	1.7	2.3	7.4	-1.0	8.4	-3.3	6.2	9.1	6.5	7.3	99	100	91	94	96	C	0	WNW	1	C	0	0.3
23	119.7	119.3	117.2	118.7	-1.0	-1.2	6.4	-0.5	0.9	7.0	-1.9	8.9	-5.0	5.1	5.1	5.0	5.1	93	91	53	86	81	C	0	WNW	1	NW	1	0.7
24	117.2	119.3	122.6	119.7	4.2	4.7	6.0	-2.5	3.1	7.3	-2.5	9.8	-6.9	7.3	4.7	4.2	5.4	81	85	50	82	74	NNW	1	NNE	2	NNE	1	1.3
25	125.9	124.5	122.9	124.4	-5.4	-8.1	4.4	-3.2	-3.1	4.5	-8.1	12.6	-10.4	3.3	4.1	4.4	3.9	97	98	49	90	84	C	0	NNE	1	N	1	0.7
26	121.4	120.1	118.6	120.0	-6.7	-9.4	2.8	-3.5	-4.2	3.5	-9.4	12.9	-11.4	2.8	4.5	4.2	3.8	97	93	60	90	85	NE	1	E	1	C	0	0.7
27	116.0	114.0	112.9	114.3	-6.2	-9.4	4.5	-2.1	-3.3	4.6	-9.4	14.0	-11.8	2.7	4.0	4.8	3.8	96	91	48	92	82	NNE	1	ENE	1	NE	1	1.0
28	111.3	109.6	109.3	110.1	-0.1	-0.7	3.8	1.7	1.2	4.4	-2.7	7.1	-6.3	5.6	5.9	5.8	5.8	99	96	73	83	88	E	1	E	1	ESE	1	1.0
29	107.9	105.4	105.0	106.1	-2.3	-3.5	3.9	-0.1	-0.5	4.3	-3.5	7.8	-5.9	4.1	4.3	4.0	4.1	83	88	53	66	72	NW	2	E	4	NE	2	2.7
30	105.4	105.9	107.7	106.3	0.1	-0.7	1.2	-0.7	0.0	1.7	-0.9	2.8	-1.8	4.2	4.2	3.9	4.1	68	73	63	67	68	E	3	NE	2	NNE	3	2.7
31	109.7	110.2	111.4	110.4	-1.1	-1.5	-0.5	-1.3	-1.1	0.0	-1.4	1.4	-2.2	3.6	4.1	4.0	3.9	68	66	69	72	69	E	1	ENE	1	ENE	1	1.0
M	110.4	109.7	109.6	109.9	2.9	1.9	11.3	5.1	5.3	12.0	0.3	11.7	-2.7	6.9	7.6	7.4	7.3	89	92	55	80	79	1.0	1.7	0.8	1.2			

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	M	6 ^h	12 ^h	18 ^h	[mm]	[cm]	
1	0	5	3	2.7	.	Cu	Co, Ao	.	.	1 ^h na-6 ⁴⁰ ; 1 ^h 17 ⁴⁷ -np
2	3	6	1	3.3	Cu	Cu	Cu	.	.	1 ^h na-6 ²⁰ ; 1 ^h 18 ⁴⁰ -np
3	0	4	0	1.3	.	Cu, Ci	.	.	.	1 ^h na-6 ³⁰ ; 1 ^h 18 ³⁰ -np
4	5	8	9	7.3	Cl	Cl, Co, Cu	Ao, Ci	.	.	1 ^h na-6 ³⁰
5	9	0	6	5.0	Ao	.	Se, Cu	.	.	
6	0	0	0	0.0	.	.	.	.	.	1 ^h na-6 ³⁵ ; 1 ^h 17 ³⁰ -np
7	0	0	0	0.0	.	.	.	.	.	1 ^h na-6 ³⁰
8	0	0	0	0.0	.	.	.	.	.	1 ^h na-6 ⁴⁰
9	0	0	0	0.0	.	.	.	.	.	1 ^h na-5 ⁵⁰ ; 1 ^h na-5 ²⁰
10	0	0	0	0.0	.	.	.	.	.	1 ^h na-6 ¹⁰ ; 1 ^h na-7 ³⁰
11	1	0	0	0.3	Cl	.	.	.	.	1 ^h na-6 ¹⁰
12	3	0	0	1.0	Cl, Co	.	.	.	.	1 ^h na-6 ²⁰
13	0	2	0	0.7	.	Cl, Co	.	.	.	1 ^h na-6 ⁰⁴
14	2	3	5	3.3	Co, Cl	Cl, Cu	Cl, Cu	.	.	1 ^h na-6 ²⁰
15	8	6	8	6.7	Co, Cl	Cl	Cu, Cl	.	.	1 ^h na-6 ⁵⁵
16	7	7	4	6.0	Cl	Cl, Cu	Cl, Ao	0.0	.	1 ^h na-7 ⁴⁰ ; 1 ^h na-10 ¹⁰ -np; 1 ^h 16 ¹⁰ -np
17	8	10	10	9.3	Ao, Se	Se	Se	7.8	.	1 ^h na-6 ³⁰ ; 1 ^h 12 ²⁰ -16 ¹⁰ ; 1 ^h 16 ⁴⁵ -16 ¹⁸ ; 1 ^h 16 ⁵³ -10 ⁵⁶ ; 1 ^h 11 ¹⁵ -13 ¹⁵ ; 1 ^h 13 ¹⁵ -17 ⁴⁵ ; 1 ^h 17 ⁴⁵ -23 ⁵⁴ ; 1 ^h 18 ¹⁰ -np
18	10	10	0	6.7	Se	Se	.	2.3	.	1 ^h na-16 ²⁵ ; 1 ^h 19 ²⁵ -24 ²⁵
19	10	10	10	10.0	St	St	St	0.6	.	1 ^h na-10 ²⁵ ; 1 ^h 12 ⁵⁴ ; 1 ^h 16 ⁰⁶ -16 ¹⁸ ; 1 ^h 19 ³⁰ -12 ⁴⁶
20	9	10	10	9.7	Ao, Se	St	St	0.1	.	1 ^h na-2 ⁰⁰ -2 ¹⁸ ; 1 ^h 13 ⁵⁵ -14 ⁰⁰ ; 1 ^h 14 ³⁶ ...15 ⁰⁴ ; 1 ^h 16 ²⁷ -17 ⁴⁸ ; 1 ^h 16 ⁰⁶ -16 ¹⁸ ; 1 ^h 16 ²⁷ ...16 ⁵¹
21	10	6	1	5.7	St	Cu	Cl	0.0	.	1 ^h na-7 ³⁶ -8 ⁰⁸ ; 1 ^h 16 ¹⁶ -9 ¹⁹
22	10	8	1	6.3	St	Ao	Ao	0.0	.	1 ^h na-6 ¹⁰ ; 1 ^h na-9 ⁰⁰ ; 1 ^h na-6 ⁵⁵ ; 1 ^h 17 ⁴⁵ -np; 1 ^h 19 ⁰⁰ -10 ³⁰ ; 1 ^h 19 ¹⁵ ...10 ³² ; 1 ^h 13 ¹⁰ -13 ²⁵ ; 1 ^h 13 ⁵⁷ -14 ¹⁹
23	1	6	0	2.3	Cl	Cu	.	0.0	.	1 ^h na-6 ²⁰
24	9	0	0	3.0	Cu	.	.	.	.	1 ^h na-4 ⁴⁷ -5 ⁰⁸ ; 1 ^h 17 ⁴⁰ -np
25	0	1	0	0.3	.	Cl	.	.	.	1 ^h na-7 ⁵⁵ ; 1 ^h 16 ³⁰ -np
26	0	6	0	2.0	.	Cu	.	.	.	1 ^h na-6 ³⁰ ; 1 ^h 16 ⁴⁰ -np
27	0	0	0	0.0	.	.	.	.	.	1 ^h na-6 ⁵⁰ ; 1 ^h 16 ³⁰ -np
28	10	9	10	9.7	St	Ao, Ao	Se	.	.	1 ^h na-6 ¹⁰
29	0	9	9	6.0	.	Cl, Cu	Se	.	.	1 ^h na-6 ³⁵ ; 1 ^h 10 ⁰⁰ -11 ⁴⁰
30	10	10	10	10.0	St	Se	Se	.	.	
31	10	10	10	10.0	Se	St	Se	.	.	
M	4.4	4.7	3.4	4.2				11.0*		*Le total mens Monthly mean

Novembre - November

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979
TMGr - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.		Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h
1	112.3	111.5	111.0	111.6	-4.3	-4.1	-2.1	-3.7	-3.6	-1.0	-6.4	5.4	-7.9	4.2	3.9	3.4	3.8	84	92	75	73	81	E 1	E 1	E 1	1.0
2	112.2	112.1	113.6	112.6	-4.3	-5.4	-0.1	-1.0	-2.7	0.5	-5.7	6.2	-6.2	2.7	2.4	2.3	2.5	65	65	39	40	52	E 1	E 2	ESE 1	1.3
3	119.7	122.2	124.5	122.1	-3.6	-9.2	-0.5	-7.6	-5.2	-0.2	-9.3	9.1	-12.6	2.8	2.6	2.6	2.7	56	92	43	76	67	E 1	E 1	E 1	1.0
4	122.3	116.2	110.4	116.3	-11.1	-12.7	-0.2	-4.2	-7.0	0.0	-13.4	13.4	-16.3	2.3	3.0	3.9	3.1	99	100	50	87	84	E 1	SSE 3	SSE 1	1.7
5	95.1	90.9	89.5	91.8	-0.4	0.5	4.5	2.0	1.6	4.6	-4.2	8.8	-5.4	5.7	5.5	6.8	6.0	89	90	65	96	85	SSW 3	SSW 2	SW 1	2.0
6	87.8	85.1	82.1	85.0	2.4	2.5	8.2	2.8	4.0	8.8	2.1	6.7	0.1	6.7	7.2	6.5	6.8	91	91	66	88	84	SSW 2	SSW 3	SSW 3	2.7
7	81.2	84.9	68.7	84.9	3.2	3.3	5.6	4.3	4.1	6.0	2.3	3.5	0.6	7.3	6.3	6.9	6.8	90	95	69	84	84	W 2	W 4	W 2	2.7
8	87.2	77.6	94.4	86.4	3.6	1.3	2.3	2.8	2.5	4.3	0.6	3.7	-2.4	6.1	7.2	7.1	6.8	92	91	100	95	94	SE 3	SSE 2	SSW 3	2.7
9	89.0	87.1	98.1	91.4	0.8	2.5	5.7	4.3	3.3	7.4	6.6	6.8	-1.7	7.0	8.2	7.5	7.6	97	96	89	90	93	SSE 3	SSW 6	C 0	3.0
10	102.8	103.4	105.0	103.7	2.8	1.8	6.2	2.7	3.4	6.4	1.6	4.8	-0.8	6.7	7.9	7.3	7.3	92	96	83	98	92	SSE 1	SSE 1	SSE 1	1.0
11	108.3	110.0	110.8	109.7	1.5	0.8	3.2	0.9	1.6	3.6	0.3	3.3	-2.4	6.5	7.5	6.4	6.8	99	100	98	98	99	SSW 1	W 1	SSW 1	1.0
12	108.6	106.1	103.4	106.0	0.1	-0.1	0.5	0.5	0.2	0.9	-0.3	1.2	-0.1	5.9	6.2	6.3	6.1	96	98	98	100	98	NNW 1	N 1	N 1	1.0
13	100.4	98.7	98.4	99.2	1.1	0.7	3.1	1.7	1.6	3.4	0.5	2.9	0.6	6.0	6.4	6.8	6.4	100	94	84	98	94	SSE 1	SSE 2	SSE 1	1.3
14	101.6	99.0	96.6	99.1	1.5	0.7	4.9	5.0	3.0	5.1	0.6	4.5	0.7	6.2	6.6	6.2	7.0	99	96	76	94	91	SSE 1	S 1	S 1	1.0
15	91.9	92.7	92.4	92.3	5.1	5.6	9.5	8.0	7.0	10.3	4.6	5.7	4.1	8.9	9.5	8.8	9.1	98	98	80	82	90	S 1	SSE 1	SSE 1	1.0
16	89.1	90.8	98.0	92.6	10.0	8.7	9.6	8.6	9.2	11.0	7.4	3.6	6.0	9.0	10.8	10.9	10.2	65	80	91	97	83	SSE 2	SSW 2	S 1	1.7
17	103.0	101.1	102.7	102.3	4.0	6.2	9.5	8.4	7.0	10.2	3.5	6.7	0.8	9.5	11.7	10.9	10.7	99	100	99	99	99	SW 1	SE 1	SE 1	1.0
18	102.8	100.0	100.1	101.0	8.7	9.0	10.8	8.4	9.2	11.0	7.9	3.1	6.9	11.2	12.3	9.6	11.0	98	97	95	87	94	E 1	E 1	SSE 2	1.3
19	101.1	102.3	103.8	102.4	6.9	6.6	6.9	5.3	6.4	8.4	5.3	3.1	5.1	7.7	7.9	7.4	7.7	84	79	80	83	82	SSE 3	ESE 3	ESE 1	2.3
20	104.0	104.1	106.2	104.6	6.2	6.0	5.6	3.7	5.4	6.8	3.7	3.1	3.6	8.2	8.0	7.3	7.8	79	88	88	92	87	E 2	E 2	C 0	1.3
21	109.9	110.9	112.7	111.2	2.4	2.3	3.3	1.4	2.4	3.7	1.4	2.3	1.1	7.1	7.3	6.2	6.9	98	98	95	92	96	C 0	C 0	C 0	0.0
22	115.7	116.3	116.3	116.1	1.2	0.3	2.5	1.9	1.5	3.7	-0.4	4.1	-0.4	5.9	5.9	6.1	6.0	94	94	80	87	89	C 0	NNW 1	C 0	0.3
23	116.2	115.3	113.6	115.0	3.2	3.5	4.5	3.0	3.6	5.0	1.9	3.1	1.9	7.6	7.7	7.0	7.4	95	97	92	93	94	S 1	S 1	C 0	0.7
24	109.2	107.2	106.7	107.7	1.9	1.4	1.6	1.9	1.7	3.4	1.3	2.1	1.1	6.0	6.0	6.4	6.1	92	89	87	91	90	SSE 1	SSE 1	S 1	1.0
25	112.2	114.7	116.7	114.5	0.9	1.9	2.9	3.0	2.2	3.4	0.5	2.9	-1.2	6.5	6.9	6.8	6.7	99	93	91	90	93	WNW 1	WNW 1	C 0	0.7
26	114.9	109.5	102.2	108.9	2.3	-1.3	3.5	2.9	1.8	3.7	-1.5	5.2	-3.9	5.3	5.7	5.6	5.5	89	96	73	74	83	SSW 1	SSW 3	S 2	2.0
27	98.4	97.7	100.1	98.7	3.6	4.6	5.2	5.0	4.6	6.5	2.9	3.6	2.1	7.5	6.6	6.5	6.9	100	89	75	75	85	W 3	W 4	W 3	3.3
28	107.5	109.8	111.5	109.6	3.7	2.9	3.9	2.9	3.4	5.0	2.6	2.4	1.6	6.1	5.4	6.6	6.0	82	81	67	88	80	W 1	WNW 2	W 1	1.3
29	108.6	106.1	103.4	106.0	0.6	1.9	4.9	8.2	3.9	8.2	0.2	8.0	-1.5	6.9	8.5	10.9	8.8	94	98	98	100	98	SSE 1	SSE 1	WSW 2	1.3
30	107.0	96.5	94.1	99.2	9.0	8.9	7.4	6.7	8.0	9.6	6.7	2.9	5.6	9.1	10.1	9.1	9.4	66	80	99	93	84	W 5	W 1	WSW 2	2.7
M	104.0	102.7	103.6	103.4	2.1	1.7	4.4	3.0	2.8	5.3	0.6	4.7	-0.7	6.6	7.0	6.9	6.8	89	92	81	88	88	1.5	1.8	1.2	1.5

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	10	10	10	10.0	St	St	Cs	.	.	— ⁰ na-8
2	9	9	10	9.3	Ac, Ae	Ae	Ao, Se	.	.	
3	2	0	0	0.7	Cs, Cl	.	.	.	.	— ⁰ na-0 ⁰⁵ , — ¹ 17-ap
4	2	3	9	4.7	Cl	Cl, Co	Ao, Se	.	.	— ¹ na-6 ¹⁵
5	6	10	10	8.7	Cl, Co, Cs	Na	Ne	2.1	.	• ⁰ 10 ⁴⁹ ... ¹¹ 51, • ⁰ -1 ¹³ 24-16 ¹² , • ⁰ 16 ³² ... ¹⁸ 33, • ⁰ 23 ⁰⁸ ... ²³ 59
6	10	3	1	4.7	Na	Cs	Cl	0.6	.	• ⁰ 0 ⁴⁵ -1 ⁰⁰ , • ⁰ 5 ⁵¹ ... ⁰⁸ 08, • ⁰ 0 ⁴ 48, • ⁰ -1 ¹⁹ 39-21 ⁵⁰
7	10	10	4	8.0	Na	Se	Cu	0.8	.	• ⁰ 0 ²¹ ... ³³ , • ⁰ 4 ⁴⁹ -7 ³² , • ⁰ 8 ¹⁶ -6 ¹⁹ , • ⁰ 13 ⁰⁹ -13 ¹² , • ⁰ 19 ⁴⁵ ... ²⁰ 26, Δ ¹ 13 ²² -13 ⁴⁶
8	10	10	10	10.0	Se	Na	St	14.0	.	• ⁰ -1 ³⁹ -9 ⁴⁴ , • ⁰ -1 ⁹ 48-10 ⁴⁰ , Δ ⁰ 9 ⁴⁴ -9 ⁴⁸ , • ⁰ 1 ¹⁰ 40-14 ⁰² , • ⁰ 14 ³³ ... ¹⁵ 14, • ⁰ 15 ⁴⁷ -16 ²¹ , = ¹ 1 ⁴⁸ -13 ⁰³ , = ¹ 13 ¹⁹ -14 ¹⁰ , = ⁰ 13 ⁰⁵ -13 ¹⁹
9	10	10	10	10.0	Na	Se	Se	5.4	.	• ⁰ -1 ²¹ -10 ¹² , • ⁰ 10 ⁴⁵ -11 ³⁸ , • ⁰ 15 ¹⁷ ... ¹⁷ 18, • ⁰ 16 ¹⁷ ... ¹⁹ 24, = ⁰ 05-17 ³⁰
10	10	10	10	10.0	As	Cs	As	0.1	.	= ⁰ 20-8 ¹⁰ , = ⁰ 05-14 ³⁰ , = ⁰ 17 ³⁰ -np; = ⁰ 16 ³⁰ -17 ¹⁵ , = ⁰ 17 ¹⁵ -17 ⁴⁰ , = ⁰ 17 ⁴⁰ -17 ⁵⁰
11	10	10	10	10.0	Na	Se	Se	0.3	.	• ⁰ 3 ⁴⁸ -8 ⁴² ; = ⁰ -1 ^{na} -15 ³⁰ ; = ⁰ 15 ³⁰ -np
12	10	10	10	10.0	St	Na	Na	0.9	.	= ¹ na-8 ²⁰ , = ⁰ 17 ³⁰ -np; = ⁰ 20-9 ³⁵ ; Δ ⁰ 8 ⁵⁷ -16 ⁰³ , Δ ⁰ 17 ⁵⁴ -19 ²¹
13	10	9	10	9.7	Se	Se	Se	1.3	.	= ⁰ 17 ³⁰ -np; • ⁰ 18 ²⁴ -24 ²¹
14	10	9	10	9.7	Se	Cs, Cu	Na	5.8	.	• ⁰ 14 ⁵¹ ... ¹⁵ 15, • ⁰ -1 ¹⁷ 34-24 ⁰⁰
15	10	5	10	8.3	Se	Cl, Co, Cs	Na	0.6	.	• ⁰ -1 ⁰⁰ -4 ⁴² , • ⁰ 16 ³² ... ²² 24, • ⁰ 23 ⁴⁰ 24 ⁰⁰
16	10	10	10	10.0	As, Ae, Se	Na	Se	1.7	.	• ⁰ 0 ⁰⁰ -3 ⁴² , • ⁰ 8 ¹¹ -8 ¹⁴ , • ⁰ 9 ²¹ -13 ²⁴ , • ⁰ 14 ⁰⁷ ... ¹⁵ 03, • ⁰ 15 ⁵⁷ -16 ¹⁴
17	10	10	10	10.0	Na	Na	Na	3.3	.	• ⁰ -1 ³¹ -9 ¹⁹ , • ⁰ 9 ¹⁹ ... ¹² 13, • ⁰ 10 ⁰⁶ ... ²⁰ 17, = ⁰ n-14 ⁰⁰ , = ² 14 ⁰⁰ -np
18	10	10	10	10.0	Se ²	St	As	0.2	.	• ⁰ 4 ⁴⁷ ... ⁰ 11; = ² n-6 ⁴⁰ , = ¹ 8 ⁴⁰ -7 ¹⁵ ; = ⁰ 7 ¹⁵ -8 ³⁰ ; = ⁰ 8 ³⁰ -10 ⁴⁵
19	10	10	10	10.0	Se	Se	St	0.0	.	• ⁰ 16 ³⁰ ... ²² 27
20	10	10	10	10.0	St	St	St	0.3	.	• ⁰ 0 ¹⁴ ... ² 15, • ⁰ 3 ¹¹ -12 ⁰³ , • ⁰ 14 ⁰⁵ -21 ⁵¹ , • ⁰ 23 ⁰⁹ ... ²⁴ 38
21	10	10	10	10.0	St	St	St	0.1	.	• ⁰ 23 ³⁷ -4 ⁵⁸ , • ⁰ 5 ⁴⁵ -7 ¹⁸ , • ⁰ 7 ⁵⁷ -8 ¹² , • ⁰ 8 ³⁶ -13 ⁴⁸ , • ⁰ 15 ¹¹ -18 ⁴⁷ , • ⁰ 20 ⁴² -22 ⁰⁴ , = ⁰ 4 ⁰ -8 ¹⁵ , = ¹ 2 ³⁰ -np; • ⁰ 23 ²⁸ ... ²⁴ 00
22	10	10	10	10.0	Se	St	St	0.1	.	• ⁰ 0 ⁰⁰ ... ³³ , • ⁰ 9 ⁰⁸ -9 ⁵⁷ , • ⁰ 14 ³⁹ -15 ²⁷
23	10	10	10	10.0	St	Se	Se	0.0	.	• ⁰ 22 ⁴ -20; • ⁰ 10 ²⁶ -10 ⁵³
24	10	10	10	10.0	Se	St	St	0.1	.	• ⁰ 0 ⁰⁰ -8 ²⁸ , • ⁰ 10 ⁵¹ -13 ⁴² , • ⁰ 16 ¹⁵ -21 ¹³
25	10	10	10	10.0	St	St	St	0.0	.	• ⁰ 0 ⁴⁰ -1 ⁵⁰ , • ⁰ 2 ⁰⁸ -3 ¹² , • ⁰ 11 ²⁸ ... ¹³ 18; = ¹⁰ 4 ⁰ -np
26	3	10	10	7.7	Cl	Cs	Ae	2.4	.	— ¹ n-7 ⁴⁰ ; • ⁰ -1 ²¹ 17-24 ⁰⁰
27	3	10	10	7.7	Cu	Se	Se	0.0	.	• ⁰ -1 ⁰⁰ -2 ⁰³ , • ⁰ 11 ¹² ... ¹⁴ 17
28	10	10	10	10.0	Se	Se	Se	0.1	.	• ⁰ 23 ⁴⁸ -24 ⁰⁰
29	10	10	10	10.0	St	St	Na	3.6	.	• ⁰ 0 ⁰⁰ -1 ⁰³ , • ⁰ 1 ⁴³ -2 ⁴⁸ , • ⁰ -1 ³ 19-15 ¹¹ ; • ⁰ -1 ¹⁵ 58-18 ⁵⁸ ; = ^{na} -9 ¹⁵ ; = ⁰ 9 ¹⁵ -12 ⁵⁰ , = ¹ 12 ⁵⁰ -13 ⁴⁵ , = ⁰ 13 ⁴⁵ -16 ⁴⁵
30	10	10	10	10.0	Se	Na	Na	7.2	.	• ⁰ 2 ¹⁰ -2 ³⁶ , • ⁰ 4 ⁰² -4 ¹⁶ , • ⁰ 7 ⁰³ -8 ⁰³ , • ⁰ -1 ⁸ 45-17 ²⁸ , • ⁰ 22 ⁰³ -22 ³⁰ ; = ⁰ 30-p; • ⁰ 23 ⁵⁹ -24 ⁰⁰
M	8.8	8.9	9.1	8.9				53.2*	.	* La total mens Monthly mean

Décembre - December

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1979
TMO - GMT

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	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	94.5	93.9	105.4	97.9	6.5	7.0	8.4	8.9	7.7	9.1	6.4	2.7	6.1	9.7	10.7	10.8	10.4	95	97	97	94	96	W	3	W	2	W	2	2.3
2	105.1	108.1	110.9	108.0	8.8	7.9	8.2	7.8	8.2	9.3	6.5	2.8	6.1	9.7	9.2	9.1	9.3	95	91	85	86	89	W	1	WSW	2	W	1	1.3
3	112.5	110.9	110.6	111.3	7.8	6.4	9.4	8.2	8.0	10.0	6.4	3.6	4.1	8.7	8.7	8.6	8.7	86	91	74	79	82	WSW	1	SSW	2	SW	2	1.7
4	108.4	107.0	103.4	106.3	8.8	7.6	8.4	8.6	7.6	9.5	5.6	3.9	3.1	9.2	10.4	7.7	9.1	91	89	94	85	90	WSW	2	W	2	W	1	1.7
5	109.8	103.2	98.2	103.7	2.6	2.2	9.0	11.6	6.4	11.9	1.0	10.9	-2.0	7.2	8.4	7.9	7.8	100	100	73	58	83	SSW	1	SW	2	W	5	2.7
6	103.2	103.8	103.5	103.5	11.2	6.0	6.6	4.8	7.2	12.3	4.5	7.8	2.5	7.5	7.3	6.9	7.2	81	80	75	81	79	WNW	3	W	4	W	3	3.3
7	101.9	99.7	95.6	99.1	4.7	4.5	4.0	6.0	4.8	6.2	3.5	2.7	1.6	6.9	6.5	8.1	7.2	84	82	80	86	83	W	3	W	3	W	2	2.7
8	100.8	100.4	97.2	99.5	4.6	-1.9	2.9	2.7	2.1	6.0	-1.9	7.9	-4.3	5.2	6.9	6.6	6.3	89	98	91	91	92	C	0	SE	1	SE	1	0.7
9	94.8	94.1	92.1	93.7	1.5	1.5	2.5	6.5	3.0	6.8	1.5	5.3	1.4	6.8	7.2	9.7	7.9	100	100	98	100	100	E	1	W	1	C	0	0.7
10	86.5	80.3	74.7	80.5	6.2	6.0	8.0	8.2	7.1	8.5	6.0	2.5	4.6	9.4	10.1	10.7	10.1	100	100	94	99	98	S	2	SSW	3	SSW	2	2.3
11	76.6	72.3	70.0	73.0	6.3	6.4	5.2	6.4	6.1	8.5	4.8	3.7	3.1	7.9	8.6	9.3	8.6	94	82	97	97	92	SSW	1	WSW	1	SW	2	1.3
12	84.0	92.8	101.7	92.8	-0.9	-4.6	-5.2	-8.0	-4.7	7.0	-8.0	15.0	-10.3	3.7	3.3	2.9	3.3	95	86	80	87	87	NNE	1	NNW	2	N	2	1.7
13	111.2	111.9	111.4	111.5	-10.1	-13.5	-6.8	-14.8	-11.3	-6.6	-14.8	8.2	-19.2	2.1	3.0	1.8	2.3	93	96	83	91	91	NW	1	WNW	1	C	0	0.7
14	106.4	103.3	100.4	103.4	-15.3	-14.5	-9.8	-13.3	-13.2	-9.5	-15.4	5.9	-19.4	1.8	2.5	1.9	2.1	91	91	85	88	89	E	1	E	1	E	1	1.0
15	93.0	91.5	86.5	90.3	-11.2	-9.0	-5.6	-1.5	-6.6	-1.5	-13.5	12.0	-15.3	2.6	3.6	5.3	3.9	88	92	90	96	92	E	1	E	1	ESE	1	1.0
16	87.0	88.3	92.1	89.1	0.3	1.3	3.4	1.9	1.7	3.5	-1.5	5.0	-1.6	6.7	6.9	6.6	6.7	97	100	88	94	95	S	1	S	1	S	1	1.0
17	99.2	97.6	93.0	96.6	2.0	2.2	3.8	2.9	2.7	3.8	0.6	3.2	-1.4	6.8	6.8	6.5	6.7	93	95	85	86	90	SW	1	SSW	1	S	2	1.3
18	93.9	94.0	93.4	93.8	3.8	1.7	4.7	4.1	3.6	4.8	1.1	3.7	0.8	6.8	6.6	6.2	6.5	100	98	78	75	88	SW	1	SW	2	SW	2	1.7
19	96.9	97.8	99.6	98.1	3.2	2.1	4.3	1.6	2.8	5.0	1.4	3.6	-1.9	6.5	6.5	6.1	6.4	84	91	79	89	86	W	1	SW	2	SSW	1	1.3
20	102.9	99.9	100.0	100.9	-1.7	-2.6	1.0	0.3	-0.8	1.9	-2.9	4.8	-4.4	4.7	5.6	6.1	5.5	98	93	85	98	94	E	1	E	1	E	2	1.3
21	111.5	113.4	115.6	113.5	-0.9	-0.3	0.5	-0.3	-0.2	0.7	-1.4	2.1	-5.4	5.8	6.0	5.7	5.8	97	98	94	96	96	SW	1	N	1	C	0	0.7
22	111.6	108.0	105.0	108.2	0.0	0.4	2.4	1.5	1.1	2.6	-0.3	2.9	-0.3	6.0	6.7	6.7	6.5	93	96	93	98	95	ESE	1	ESE	1	ESE	2	1.3
23	101.5	103.3	104.7	103.2	4.4	4.7	7.2	4.9	5.3	7.5	1.5	6.0	1.5	7.6	7.8	7.7	7.7	94	89	77	89	87	SSE	2	SSE	3	SSE	1	2.0
24	108.7	109.6	110.5	109.6	3.8	2.3	2.3	1.5	2.5	5.0	1.5	3.5	1.7	6.4	6.0	6.4	6.3	89	89	84	94	89	ESE	2	E	1	E	1	1.3
25	112.0	112.8	114.3	113.0	1.3	0.5	1.1	0.8	0.9	2.0	0.5	1.5	0.6	5.7	5.9	6.1	5.9	87	90	89	94	90	E	1	ESE	1	SE	1	1.0
26	116.5	120.3	122.9	120.6	1.0	1.7	2.6	0.1	1.4	2.8	0.1	2.7	0.1	6.9	6.6	5.9	6.5	97	100	89	96	96	C	0	SSW	2	SE	1	1.0
27	123.3	121.9	120.4	121.9	-1.3	-0.9	-0.5	-3.5	-1.6	0.1	-3.5	3.6	-3.5	5.7	5.3	3.9	5.0	100	100	90	83	93	SE	1	E	1	SSE	1	1.0
28	111.6	106.3	102.7	106.9	-3.9	-2.1	-0.9	-1.7	-2.2	-0.4	-4.1	3.7	-3.9	4.3	4.1	3.8	4.1	85	83	71	71	78	SE	2	ESE	2	SE	1	1.7
29	99.1	98.3	97.4	98.3	-2.3	-1.9	0.9	-0.1	-0.8	1.0	-3.4	4.4	-6.1	3.6	4.4	-4.5	4.2	71	69	68	75	71	SW	1	S	1	S	1	1.0
30	88.6	86.5	86.7	87.3	-2.0	-4.0	-2.0	-1.3	-2.3	0.1	-4.0	4.1	-3.9	4.4	4.9	5.1	4.8	96	96	94	93	95	SE	1	S	2	SE	1	1.3
31	87.0	88.1	88.9	88.0	-2.2	-2.9	-2.7	-4.1	-3.0	-1.2	-4.5	3.3	-12.3	4.4	4.2	4.1	4.2	90	88	84	91	88	SSE	1	SSE	1	SE	1	1.0
M	101.4	100.6	100.3	100.8	1.2	0.5	2.4	1.5	1.4	4.1	-0.8	4.9	-2.5	6.2	6.5	6.4	6.4	92	92	85	88	89		1.3		1.6		1.4	1.4

TABLE DES MATIÈRES - CONTENTS

R é s u l t a t s d e s o b s e r v a t i o n s

R e s u l t s o f o b s e r v a t i o n s

Avant-propos - Introduction	3
Champ électrique atmosphérique - Electric field strength . .	16
Conductibilité d'air - Air conductivity	2
Nombre de noyaux de condensation - Number of condensation nuclei	2
Les éléments météorologiques - Meteorological elements . . .	2

continued:

89	The international comparison of ozone spectrophotometers, Belak, 24 June - 6 July 1974; PWN, Warszawa 1975.
90	The KAPG symposium on atmospheric ozone, Belak, July 8, 1974; PWN, Warszawa 1975.
91	Atmospheric ozone, optics of atmosphere, solar radiation, Belak 1974; PWN, Warszawa 1975.
92	Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1974; PWN, Warszawa 1976.
D-1 (99)	Papers on atmospheric electricity 1975; PWN, Warszawa 1976.
D-2 (104)	Electricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1975; PWN, Warszawa 1976.
D-3 (106)	Atmospheric ozone, optics of atmosphere, solar radiation, Belak 1975; PWN, Warszawa 1976.
D-4 (109)	Atmospheric ozone, optics of atmosphere, solar radiation, Belak 1976; PWN, Warszawa 1977.
D-5 (120)	Atmospheric ozone, solar radiation and radiation balance, 1976; PWN, Warszawa-Lódź 1978.
D-6 (121)	Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1976; PWN, Warszawa-Lódź 1978.
D-7 (126)	Atmospheric ozone, optics of atmosphere, solar radiation, Belak 1977; PWN, Warszawa-Lódź 1978.
D-8 (131)	Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1977; PWN, Warszawa-Lódź 1979.
D-9 (135)	Atmospheric ozone, optics of atmosphere, solar radiation, Belak 1978; PWN, Warszawa-Lódź 1979.
D-10(140)	Électricité atmosphérique et météorologie Observatoire Géophysique de St. Kalinowski à Świder 1978; PWN, Warszawa-Lódź 1980.
D-11(141)	Atmospheric ozone, optics of atmosphere, solar radiation 1979; PWN, Warszawa-Lódź 1980.

POLISH ACADEMY OF SCIENCES
PUBLICATIONS OF THE INSTITUTE OF GEOPHYSICS

D. ATMOSPHERE PHYSICS

The following volumes, which have been published previously in years 1963–1980, 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, Belak 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, Belak 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, Belak 1965; PWN, Łódź–Warszawa 1966.
- 19 Atmospheric ozone and optics of atmosphere, Belak 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, Belak 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, Belak 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, Belak 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, Belak 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, Belak 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, Belak 1972; PWN, Warszawa 1973.
- 75 Atmospheric ozone, optics of atmosphere, solar radiation, Belak 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.

continued on back cover

ISBN 83-01-02972-2
ISSN 0138-0265