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D-14 (151)

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

1980

PAŃSTWOWE WYDAWNICTWO NAUKOWE
WARSZAWA-ŁÓDŹ 1982

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ÉLECTRICITÉ ATMOSPHÉRIQUE ET MÉTÉOROLOGIE
OBSERVATOIRE GÉOPHYCIQUE 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 1957-1979 ont été publiés dans les numéros 16, 19, 20, 22, 25, 29, 33, 34, 38 des "Travaux de l'Observatoire Géophysique de Stanisław Kalinowski de l'Académie Polonaise des Sciences à Świder" ainsi que dans les numéros 23, 28, 38, 44, 53, 63, 77, 80, 92, D-2 (104), D-6 (121), D-8 (131), D-10 (140), D-12 (148), 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 1980, 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'Electricité 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 1957-1979 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), D-12 (148), 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 1980, 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: May 22, 1981

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 conductibilité 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	- nauge des poussiere - 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
- ∨ Gelée blanche - soft rime
- ~ Verglas - glazed frost
- ☑ Verglas sur le sol - glazed frost on the ground
- ✦ Tourmente de neige - snow - storm
- ✦ Tourbillon de neige près du sol - drifting snow (near the ground)
- ✦ Tourbillon de neige à une certaine altitude - drifting snow (high up)
- ≡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
- ☉ Couronne solaire - solar corona
- ☾ Couronne lunaire - lunar corona
- ☾ Arc-en-ciel - rainbow
- ☾ Aurore - aurora

TABLEAUX - TABLES

SYMBOLES DÉTERMINANT LE TEMPS - TIME NOTATION

- | | | |
|----|---|---|
| n | - entre 18 ^h et 6 ^h TMGr | - between 18 ^h and 6 ^h GMT |
| a | - entre 6 ^h et 12 ^h TMGr | - between 6 ^h and 12 ^h GMT |
| p | - entre 12 ^h et 18 ^h TMGr | - between 12 ^h and 18 ^h GMT |
| 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 |

Janvier - January

CHAMP KÉOPHYSIQUE ATMOSPHÉRIQUE [V/m]

KÉOPHYSIC FIELD STRENGTH [V/m]

1980

2802 - 022

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
1		-51	17	14	-104	-15	77	(-221)	-87	-159	-42	57	67	197	119	-104	72	-32	50	(-29)	-111	-74	-221	-254	-256	-	-45	264	-368	632	o,m,s	1	
2		-213	-257	-456	-288	-296	-280	-146	-240	-161	-56	18	56	8	-128	-24	-95	-142	-243	-264	-254	-286	-147	-168	-224	-	-178	1056	-1200	>2256	o,s	2	
3		-262	-278	-211	-161	-176	-91	-74	-46	-28	42	-46	6	-16	-139	-104	-72	-136	-138	(-139)	-113	-72	-136	-126	-115	-	-110	128	-384	512	o,s	3	
4		-146	-123	-103	-168	-118	-126	(-88)	-64	-80	24	21	14	27	-4	16	22	-24	-24	-64	38	-32	-180	-101	-136	-	-59	217	-304	521	o,s	4	
5		-125	-122	16	-24	24	-72	-43	(-47)	-24	-200	173	288	494	386	132	190	240	282	321	293	217	165	227	240	-	-126	540	-301	841	o,s,m	5	
6		266	215	108	8	-7	-24	58	104	141	>316	>391	>375	>400	>342	>332	-48	-50	(134)	26	64	23	86	54	16	-	>155	>400	-315	>715	o,hf	6	
7		83	80	95	84	122	117	112	(80)	99	126	241	288	214	264	224	184	98	264	215	237	215	246	240	188	-	171	384	-48	432	o,hf	7	
8		193	12	25	89	58	80	32	-59	-138	-104	-186	-143	-216	-240	-132	-254	-136	-88	-62	-69	-16	-72	9	1	-	-70	336	-401	737	o,s,s,m	8	
9		8	28	9	80	48	91	96	128	105	-26	72	161	215	229	307	258	202	208	146	104	168	171	150	73	-	127	400	-208	608	o,g	9	
10		-10	-16	91	98	52	234	259	358	367	168	118	307	360	384	215	286	184	80	-9	-53	-85	-115	-177	-133	-	124	413	-354	747	o,hf	10	
11		69	130	56	66	145	257	245	314	262	245	502	574	552	533	494	386	242	200	(176)	166	160	-88	-288	-307	-	212	602	-499	1101	o,hf	11	
12		-235	-72	-254	104	90	-40	18	40	15	73	132	(71)	104	56	-33	32	98	58	64	32	72	53	43	-144	-	16	272	-475	747	o,hf,m,s	12	
13		-73	-22	25	24	96	30	24	-26	-72	6	40	50	166	99	86	20	132	-240	-208	-64	-8	-167	-89	-137	-	-13	304	-384	688	o,s	13	
14		-88	-177	-198	-317	-329	-303	-162	(152)	8	168	313	336	403	434	350	350	384	362	248	45	38	86	71	-57	-	88	461	-432	893	b,hf	14	
15		-59	-55	-152	-166	-64	-61	12	112	8	124	282	334	384	410	328	215	193	234	256	(146)	(-56)	-112	-72	-350	-	79	466	-475	941	b,m,hf	15	
16		-144	-106	-70	-120	-307	-94	-137	-170	-108	-485	-235	-22	67	96	22	-96	-494	-533	-408	-422	-168	-43	108	383	-	-145	576	-667	1243	o,hf,m,g	16	
17		160	485	662	696	744	698	761	266	1008	624	235	-432	-115	430	557	120	53	-204	(-295)	-209	341	761	672	171	-	350	1032	-934	1966	o,m,f	17	
18		89	506	916	840	696	619	574	487	336	394	374	312	576	600	662	379	-139	-288	-194	-26	-82	144	2	96	-	329	1013	-384	1397	b,m,hf	18	
19		317	192	384	576	552	470	264	384	485	355	216	547	742	761	770	775	578	352	286	250	326	118	190	96	-	416	912	-72	984	b,m,hf	19	
20		92	176	168	139	146	221	240	266	264	185	255	288	365	518	528	432	216	331	384	365	367	416	303	224	-	287	552	16	536	b,hf	20	
21		218	233	144	136	143	49	-22	-24	38	66	104	40	100	179	193	222	198	138	104	130	112	74	42	43	-	111	328	-98	426	o,g	21	
22		32	12	26	-10	18	11	16	19	17	98	220	340	394	341	279	259	284	295	312	302	262	70	48	167	-	160	586	-696	1282	o,s	22	
23		234	167	111	56	-149	49	-	-	-	-	-	-	(98)	(-96)	(24)	-310	-312	-283	-120	-108	-288	-178	-199	-233	-	-	-	-	-	-	o,s,s,x,m	23
24		-120	-108	-194	-142	-528	-406	-389	-396	-456	-394	-446	-374	-202	-276	-350	-624	-600	-622	-242	-242	-288	-221	(-152)	86	-	<-408	216	<-1200	>1416	o,d,m,f,s	24	
25		24	-442	-300	-312	-653	-432	-216	-293	-240	-32	14	-112	-72	-136	-48	-172	-192	-370	-221	-236	-263	-295	-200	-96	-	-221	378	-797	1175	o,s,g	25	
26		-120	168	-22	194	170	112	168	256	224	-	(403)	<55	710	-427	48	(-120)	-183	-40	-	-100	-144	-58	-120	-200	-	-	-	-	-	-	o,s	26
27		-203	-224	-102	64	156	218	248	248	-16	-130	192	179	269	160	107	-80	-200	-188	-80	-128	-104	-152	-7	-22	-	9	372	-366	738	o,s	27	
28		10	90	16	40	16	264	315	224	160	360	305	-	232	144	210	406	528	480	528	384	408	384	344	-	-	-	-	-	-	-	o,s	28
29		314	266	264	160	2	56	114	58	-12	281	31	190	367	391	382	288	-19	-112	-118	-220	-102	-144	176	236	-	97	475	-624	1099	o,s,g	29	
30		178	164	40	128	48	51	-144	-112	(-72)	-90	19	98	-108	-274	-334	-269	-132	-538	<-488	<-388	<-368	<-320	-147	-56	-	<-150	766	<-1200	>1966	o,hf,s	30	
31		-224	-112	-44	43	92	75	136	200	235	264	250	259	240	128	-56	-320	-288	-307	-448	-504	-368	-710	-499	-448	-	-102	320	-912	1232	o,r	31	
A		224	219	216	139	146	237	265	313	282	244	287	350	>442	>471	422	378	333	311	302	337	302	309	269	227	-	330						
H		4	17	28	49	25	60	68	<71	64	>82	>136	148	>224	>161	>161	79	<11	-34	<-21	<-37	<-4	<-18	<1	-19	-	52						

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

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

Février - February

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STENOGRAPH [V/m]1980
2000 - 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		-526	-259	-96	88	80	22	80	53	200	353	352	371	432	384	250	190	168	91	157	147	75	13	-96	192	-	113	496	-704	1200	o,r	1	
2		141	134	149	128	186	189	251	333	314	368	349	331	333	261	224	264	(522)	(544)	552	576	(579)	(589)	589	589	-	(354)	(653)	-16	(669)	b	2	
3		(578)	(560)	563	560	547	547	496	(275)	115	101	-5	-192	-19	128	-115	-147	-48	22	26	16	-35	-70	-64	-96	-	156	(624)	-256	(880)	o,r,d	3	
4		-202	-170	-106	-96	-16	-24	132	104	-6	16	-78	202	-179	-320	-168	-518	-720	-368	-352	-240	-240	-122	-139	-157	-	-160	989	-1546	2535	o,d,g,m,s	4	
5		-144	-64	-32	-35	5	-16	-6	16	16	64	80	142	115	(8)	-	179	8	26	168	176	106	38	-82	-85	-	-	-	-	-	o,s	5	
6		-64	-62	-170	-125	-90	-80	(11)	154	-662	595	-222	-64	30	-67	-32	-146	-155	-208	-197	-227	-240	-304	-384	-368	-	-129	1104	-1622	2726	o,s	6	
7		-288	-237	-435	-320	-240	-163	-96	-144	-114	-142	-144	48	256	336	154	332	320	352	426	430	352	381	397	277	-	72	624	-576	1200	o,r,m	7	
8		168	112	32	-35	-42	-86	-30	35	-16	-54	-347	-416	-352	-480	-230	-211	-240	-130	-259	-21	-179	-62	-131	-64	-	-127	240	-720	960	o,m,r	8	
9		-112	-208	-	-	-	-	-739	-232	-352	-214	-26	-157	32	64	115	112	205	256	264	48	96	144	126	122	-	-	-	-	-	o,r,f,m,d,s,g	9	
10		16	13	-10	-48	-48	-176	-46	32	64	115	106	144	222	336	360	230	6	-128	-186	-78	-128	-54	138	110	-	41	432	-304	736	o,g,m	10	
11		130	99	-16	-322	-1051	-629	-384	-643	-624	-624	-672	-768	-480	-430	-624	-547	-355	-427	-240	-576	-523	-365	-432	-392	-	-456	322	-1488	1810	o,r,f,m,r,d	11	
12		-402	-370	-416	-336	-456	-563	-544	-312	-347	-496	-528	-504	-547	-341	-334	-70	-64	-37	45	64	-19	-18	-3	-35	-	-268	1008	-1584	2592	o,r,s,m	12	
13		-54	-48	8	-13	-99	-51	-45	-94	-80	48	96	118	253	205	326	221	202	237	240	240	192	115	126	205	-	98	400	-135	595	o,s	13	
14		64	150	176	144	117	162	192	272	291	416	483	454	480	565	594	496	384	302	306	(262)	(192)	(147)	(99)	(93)	-	(285)	656	26	630	o	14	
15		(38)	(32)	(22)	(54)	(64)	(3)	(53)	110	144	32	80	(51)	126	85	51	86	51	-109	-67	32	-144	-192	-62	16	-	(23)	458	-278	736	o,r,f,m,hf	15	
16		64	96	48	70	61	114	45	48	59	32	160	221	365	400	549	362	227	210	150	83	-22	-13	-197	-158	-	116	432	-560	992	o,r,s,hf	16	
17		-208	-205	-496	-416	-285	-352	-164	-576	-549	-488	-294	(-174)	-64	-27	-110	-208	-208	-275	-270	-77	-125	-70	-16	-62	-	-251	96	-624	720	o,s,d,f	17	
18		-118	-118	-96	-146	-211	-32	-96	-96	-64	-70	-56	-163	-224	-96	-64	-29	5	-6	58	142	170	192	139	216	-	-32	275	-312	587	o,d,g	18	
19		210	139	125	157	189	154	163	272	307	320	464	504	531	456	568	576	576	682	528	598	632	712	560	512	-	414	778	96	682	o	19	
20		496	512	464	318	304	270	(269)	176	462	576	653	528	547	562	541	541	382	307	270	496	528	376	379	248	-	425	763	114	649	o,hf	20	
21		78	178	179	288	403	376	333	336	264	192	125	234	416	454	453	490	578	467	368	368	22	-198	-259	45	-	258	656	-432	1088	o,hf,s	21	
22		123	162	144	141	117	272	179	237	166	30	272	355	464	544	436	259	146	144	(259)	173	387	253	262	192	-	238	690	-120	810	o,hf,m,g	22	
23		184	272	176	96	32	112	197	282	419	150	67	186	229	302	99	234	192	198	48	208	192	48	259	362	-	192	621	-198	819	o,g	23	
24		292	464	286	434	310	352	518	624	589	472	110	80	208	434	560	434	224	454	275	342	46	322	362	362	-	361	712	-133	845	o,r,hf,g	24	
25		415	330	355	322	286	448	520	576	606	424	550	451	451	371	275	406	366	264	112	136	371	48	131	11	-	344	770	-563	1333	o,hf,m,g	25	
26		230	122	130	130	198	181	336	264	170	134	141	275	246	272	269	272	294	416	368	355	342	320	386	384	-	260	584	-141	725	o,hf,g	26	
27		174	150	192	192	259	238	336	341	-	-	-	198	192	192	227	238	312	352	314	256	256	264	242	234	-	-	-	-	-	o,s	27	
28		176	176	176	160	136	128	106	277	352	240	202	128	118	152	192	197	218	256	272	214	211	72	48	58	-	178	432	-64	496	o,g	28	
29		46	22	32	16	-16	16	46	144	128	144	176	86	109	192	176	52	182	74	13	-10	50	-109	-66	-104	-	59	402	-408	810	o,s	29	
A		318	274	338	346	293	196	260	254	356	429	399	356	428	448	432	431	393	322	362	557	580	544	509	550	-	389						
N		53	68	53	50	26	48	62	99	66	98	75	92	148	168	169	150	130	137	126	143	109	85	80	95	-	97						

Mars - Mars

ORANT KIBOTRIQUE ATMOSPHERIQUE [V/m]
KIBOTRIK FIELD STRENGTH [V/m]

1980
2000 - 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		-16	-77	-64	-115	-18	-150	-182	-294	-571	1	1	1	-467	-285	-82	-176	-13	-13	48	237	270	253	192	117	-	-	-	-	-	o,s,r	1	
2		106	90	122	94	102	130	194	290	282	255	376	339	221	61	74	48	-14	-240	-413	-172	-298	-283	-72	-341	-	-	<40	2256	<2400	>4656	c,r,s	2
3		-	-	-	-	-	888	658	293	250	254	307	288	-	-	355	-182	-29	77	72	184	301	384	359	282	-	-	-	-	-	c,r,s,wind	3	
4		222	179	224	208	157	128	150	261	157	48	74	85	147	106	168	256	163	304	-16	-48	66	157	154	224	-	-	149	432	-154	586	o,s,wind	4
5		243	243	234	221	298	336	334	430	576	662	597	366	312	272	230	237	298	272	336	427	874	517	411	326	-	-	369	2304	179	2125	c,s	5
6		366	480	448	629	605	624	624	614	614	672	-	912	1085	845	749	1094	926	672	720	730	576	528	538	542	-	-	-	-	-	b	6	
7		509	528	518	547	442	682	864	605	797	1008	826	595	672	878	768	658	398	-77	264	528	374	237	224	112	-	-	540	1152	-192	1344	o,r	7
8		128	160	144	90	54	106	128	144	160	112	128	-298	-1421	-202	-437	-176	-125	-67	-80	-150	-157	-179	-272	-	-	-	-125	240	-2040	2280	o,d,r	8
9		-240	-114	-114	-131	-157	-95	6	-24	58	176	198	272	309	163	195	128	128	246	96	70	326	78	234	173	-	-	83	672	-282	954	o,r,s	9
10		155	80	-29	16	61	78	144	178	304	266	227	339	246	256	208	256	208	192	-	(70)	80	150	146	142	-	-	-	-	-	-	o,s,g	10
11		32	26	-96	29	98	96	147	112	125	134	205	170	128	128	138	96	101	160	176	144	144	176	176	144	-	-	116	240	-246	486	o,g	11
12		151	128	154	136	128	102	128	138	222	157	86	128	155	176	126	208	208	176	112	141	230	189	147	224	-	-	155	272	51	221	o,g	12
13		179	160	174	146	166	234	262	374	568	422	416	557	576	576	730	778	816	624	528	504	576	653	734	576	-	-	464	1008	90	918	o,g	13
14		547	672	662	624	624	662	725	1003	950	902	864	-	874	1018	902	701	624	643	802	989	1051	1037	1008	1094	-	-	-	-	-	-	b,wind	14
15		1008	816	778	667	730	778	931	970	1104	979	970	907	917	1152	1037	874	1147	835	859	898	624	547	624	667	-	-	867	1469	418	1051	c	15
16		624	581	547	614	624	566	586	778	816	970	1018	984	924	893	1008	1003	1152	912	1056	1066	1008	912	912	960	-	-	855	1392	432	960	c	16
17		922	912	816	720	643	734	1046	1114	1018	926	979	864	859	893	931	1114	1099	1162	1090	1238	1162	1013	816	672	-	-	948	1392	624	768	c	17
18		759	624	643	590	528	672	950	922	840	816	787	682	850	946	960	907	1104	787	494	397	406	414	336	326	-	-	697	1315	275	1040	o,hf	18
19		334	-	-	61	48	35	94	227	387	419	442	474	509	806	662	624	1008	749	840	845	576	427	576	470	-	-	-	-	-	-	c,g	19
20		240	224	211	192	202	224	304	576	629	653	672	586	576	701	653	768	701	744	730	773	677	634	605	394	-	-	528	960	160	800	b,hf	20
21		288	293	269	346	461	634	912	989	912	205	224	227	238	256	557	864	816	778	720	624	(432)	(397)	(470)	(363)	-	-	(511)	1291	192	1099	o,hf	21
22		(352)	(352)	(320)	(336)	(301)	(326)	859	1026	518	205	198	176	208	480	624	648	826	682	701	672	691	706	576	528	-	-	(514)	1152	155	997	b,hf	22
23		389	403	432	374	326	336	634	672	778	682	624	586	662	710	950	724	768	682	509	494	432	432	442	463	-	-	563	1267	288	979	c	23
24		528	437	480	341	341	374	307	432	566	528	494	442	374	(384)	264	-82	-72	-96	-147	-186	-131	-48	21	128	-	-	237	672	-230	902	o,g	24
25		144	91	10	35	48	35	52	256	316	368	429	301	256	139	123	94	56	30	8	22	166	182	197	154	-	-	146	480	-194	674	o,s,g	25
26		112	94	96	96	75	186	240	192	274	237	259	114	294	227	237	192	102	58	64	-35	-112	-288	-346	-352	-	-	84	709	-400	1109	o,s,r,f	26
27		-304	-254	-211	-227	-168	-90	-176	-128	-96	189	301	283	294	291	379	304	109	48	32	13	-35	-48	-45	-48	-	-	17	446	-368	814	o,f,m,hf	27
28		-48	-50	-59	-70	-83	-45	(-36)	-10	80	176	224	123	176	239	234	170	82	54	16	13	13	27	-32	19	-	-	51	470	-402	872	o,r	28
29		226	-248	-118	-85	-293	1	1	-384	-293	-78	46	-38	-456	-208	64	70	-18	70	-35	6	-123	-304	-334	-64	-	-	-	-	-	-	o,r,f,m	29
30		-141	-250	-189	-125	-48	-67	48	34	155	176	146	112	112	-163	98	102	80	98	30	51	58	38	0	0	-	-	15	635	-1642	2277	o,m,r	30
31		-10	-90	-69	-10	-29	-10	32	99	134	147	176	144	34	141	195	34	125	192	186	218	202	166	144	113	-	-	94	1536	-1565	3101	c,r	31
A		467	520	479	471	473	518	702	657	738	505	467	497	486	642	695	705	779	623	608	583	547	545	550	500	-	-	564					
N		259	224	216	212	209	284	364	384	402	422	437	370	322	373	423	398	412	347	<327	349	338	294	297	<262	-	-	<330					

Avril - April

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

1980
TMOX - 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.	Indication du temps Type of weather	Date	
1		78	67	51	48	6	16	64	138	144	131	135	112	118	112	123	125	144	230	301	323	170	144	186	224	-	133	400	-51	451	c, g	1		
2		144	80	118	112	93	208	275	365	352	384	402	339	126	-243	-93	106	211	-307	-366	-134	-96	-96	6	21	-	84	1608	-1339	2947	c, r, m	2		
3		51	40	30	14	0	-16	48	32	96	96	109	96	93	85	80	80	96	64	48	48	-82	-234	-288	-317	-	11	128	-400	528	c, r, m	3		
4		-287	-226	-192	-288	-316	-307	-316	-288	8	163	275	173	-48	-5	-154	-192	-256	-224	-176	-198	-208	-212	-298	-234	-	-163	466	-1421	1887	c, d, r, m	4		
5		-200	-240	-451	-240	-355	-490	-451	-288	-280	-102	-6	16	18	24	-16	-176	-173	-128	-83	-14	10	-51	-16	-70	-	-157	864	-1776	2640	c, d, d	5		
6		-30	-46	50	78	62	109	192	150	226	210	266	334	362	320	310	288	294	298	176	173	181	130	141	106	-	-182	430	-80	510	c, d	6		
7		78	58	80	46	64	66	10	112	352	304	238	208	205	186	208	285	294	211	189	134	128	128	144	144	-	-161	386	-128	514	c, hf	7		
8		173	112	67	96	96	131	163	179	176	157	134	115	147	96	93	64	-51	38	112	35	2	29	-24	-22	-	88	424	-493	917	c, r	8		
9		-29	-16	0	-27	-77	-128	-30	32	48	67	96	96	118	157	136	136	179	160	150	112	118	114	32	48	-	63	278	-283	561	c, r	9		
10		32	64	64	64	0	73	112	176	216	-442	-250	-30	14	-298	1	278	34	78	83	112	77	96	-184	-138	-	-	-	-	-	-	c, r, g, m, hf	10	
11		-78	-58	-150	-206	-42	54	80	26	80	112	131	80	144	131	125	176	224	288	256	208	208	173	80	72	-	88	355	-282	637	c, hf, f, r	11		
12		35	38	-48	32	32	90	(90)	245	230	(198)	221	181	147	112	128	131	158	122	157	80	80	88	96	122	-	115	306	-115	421	c	12		
13		96	101	163	202	128	48	42	114	30	61	83	88	112	96	112	112	134	141	243	280	333	221	19	62	-	126	376	-112	488	b, m, hf	13		
14		96	96	138	118	86	78	118	272	237	146	-	112	77	83	74	115	125	96	64	141	101	90	202	208	-	-	-	-	-	-	c	14	
15		118	131	131	99	96	160	210	221	224	208	197	176	171	157	142	144	176	238	272	194	170	69	96	80	-	162	432	48	384	c, hf	15		
16		134	192	138	176	155	96	144	221	157	120	114	78	99	72	78	106	352	406	333	334	314	290	243	168	-	145	584	35	549	c	16		
17		106	99	144	128	168	192	256	267	176	128	96	80	64	64	77	48	61	48	128	221	408	296	128	96	-	145	592	19	573	c, hf	17		
18		61	48	48	48	64	78	67	83	(146)	58	-42	29	32	14	80	77	93	77	48	32	-18	33	16	26	-	<57	1872	<2400	>4272	c, r, wind	18		
19		-13	-32	-48	-202	-208	-480	-518	-365	-394	-326	-154	78	176	(10)	-	-	-	-	-	-	149	187	144	144	144	-	-	-	-	-	-	c, r, g, s, wind	19
20		144	139	106	115	130	197	192	192	224	208	198	134	-682	211	106	96	138	96	437	1	-154	64	16	64	-	-	-	-	-	-	-	c, s, wind	20
21		48	45	13	14	58	112	192	203	192	208	192	222	198	320	203	242	254	158	192	112	<835	-154	-797	-370	-	<43	1920	<2400	>4320	c, hf, r	21		
22		-289	-322	1	-	-	-	-	-	<979	1	<427	-144	-134	-480	37	219	-173	-138	-6	-154	-93	-96	-67	-101	-	-	-	-	-	-	-	c, r	22
23		-170	-283	-485	235	-197	-182	-96	-144	-374	-192	-54	64	144	181	173	208	198	192	206	336	352	320	283	218	-	<39	2117	<2400	>4517	c, r	23		
24		-97	125	1	1	-576	3	96	138	166	208	256	192	157	306	224	192	194	128	144	162	176	192	190	128	-	-	-	-	-	-	-	c, r	24
25		88	85	101	96	99	128	176	198	205	(237)	272	288	259	-154	-624	158	221	-235	>322	186	227	96	-259	38	-	>92	>2314	-1949	>4263	c, hf, r	25		
26		16	64	18	-6	32	96	157	256	304	256	291	269	227	322	285	371	331	346	77	1	326	-5	67	64	-	-	-	-	-	-	-	c, r, l	26
27		64	22	32	48	72	96	176	192	192	179	173	157	171	157	166	128	117	118	189	262	102	26	82	66	-	124	574	-192	766	c, r, f, m	27		
28		64	77	80	141	128	75	112	176	144	128	102	83	102	144	-67	48	144	211	-48	-840	-91	91	-451	-230	-	13	398	-1426	1824	c, m, r	28		
29		-58	-581	-38	-67	173	0	-96	-154	18	42	32	45	59	69	64	54	61	70	128	147	173	174	144	80	-	22	1632	-1584	3216	c, r	29		
30		96	144	144	74	115	80	98	110	99	96	77	80	80	92	112	176	192	192	(272)	221	165	166	146	144	-	-	132	323	16	307	c	30	
A		105	120	125	117	104	126	171	225	203	200	185	123	136	119	154	138	195	194	223	228	217	173	159	139	-	164							
N		-7	>-19	<11	35	2	20	54	99	<87	<105	<109	126	<92	<78	78	131	130	103	>133	95	<81	75	3	28	-	68							

Mal - May

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

1980
MAY - 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		131	144	157	131	130	144	160	190	246	240	222	[160]	157	178	173	166	[176]	[192]	176	70	106	96	38	58	-	152	272	-34	306	e,d	1		
2		77	86	80	109	90	72	48	-5	33	19	-6	-32	32	45	101	16	74	64	96	125	138	64	66	114	-	62	240	-53	293	e,d	2		
3		150	186	134	115	144	154	189	163	160	133	138	144	154	131	131	146	152	166	259	445	(514)	469	(467)	349	-	216	(648)	94	(554)	e	3		
4		207	258	266	198	238	309	235	160	162	149	107	115	96	112	112	110	115	131	211	173	192	195	195	266	-	184	382	80	502	e	4		
5		344	262	182	115	205	224	182	160	195	190	154	136	128	102	99	98	112	147	214	224	240	227	304	205	-	185	560	29	531	e,hf	5		
6		154	179	128	91	158	275	390	384	384	336	254	285	286	301	298	288	204	240	288	227	280	384	296	192	-	267	485	80	405	e	6		
7		178	131	112	141	173	213	142	80	128	51	32	42	32	61	30	19	-46	2	146	83	118	96	64	109	-	89	320	-135	453	e,d,m	7		
8		93	112	98	134	184	133	176	128	67	80	98	112	86	101	35	67	78	115	192	208	126	74	98	186	-	114	330	-32	362	e	8		
9		206	96	42	29	69	96	181	293	368	338	269	205	163	384	205	283	-509	1	-	(456)	1032	-230	-218	-94	-	-	-	-	-	e,r,t	9		
10		48	6	-24	-19	-22	-29	34	86	147	160	144	174	118	112	99	85	83	74	112	141	128	157	142	194	-	90	229	-98	327	e	10		
11		166	141	195	192	214	202	182	192	178	144	109	80	66	70	64	64	80	107	128	123	144	160	133	-	-	133	240	48	192	e,hf	11		
12		133	138	102	128	134	144	198	208	234	157	128	112	-	(98)	102	91	109	112	115	128	120	136	158	136	-	-	-	-	-	-	e,hf	12	
13		98	96	102	117	251	221	189	-	-	-	-	-	-	-	-	-	1	-	1	184	174	29	2	32	-	-	-	-	-	-	e,hf,r	13	
14		27	16	-5	16	-61	102	189	-	-	-	-	-	-	(98)	-374	80	141	120	109	173	197	179	200	128	-	-	-	-	-	-	e,hf,r	14	
15		150	112	19	3	56	96	178	213	-	-	-	50	61	(48)	62	48	64	80	141	264	258	339	232	166	-	-	-	-	-	-	e,hf	15	
16		224	240	256	102	99	178	179	112	90	64	45	48	51	51	61	42	67	90	114	158	186	174	200	192	-	-	-	-	-	-	-	e,hf	16
17		154	69	48	-138	-193	-293	-168	-5	-182	-288	-178	-128	-32	-112	-149	-83	2	-26	-93	-19	-8	30	29	14	-	-	-	-	-	-	-	e,hf	17
18		-67	66	16	3	8	-14	5	66	117	144	110	106	99	93	126	122	134	195	253	339	286	304	323	280	-	-	-	-	-	-	-	e,r	18
19		32	-23	-122	-6	-67	-66	126	168	128	110	96	115	90	70	67	70	101	96	123	189	189	154	93	61	-	-	-	-	-	-	-	e,r	19
20		48	19	3	32	54	64	48	48	80	83	93	114	112	112	117	123	126	142	216	426	470	387	211	390	-	-	-	-	-	-	-	e	20
21		205	150	64	179	154	40	298	218	202	210	208	186	141	114	131	178	163	184	216	190	176	160	146	125	-	-	-	-	-	-	-	e,r	21
22		94	128	102	109	112	155	176	192	154	109	98	90	77	70	91	93	138	128	163	272	365	253	179	166	-	-	-	-	-	-	-	e	22
23		158	179	99	131	166	173	173	112	125	96	74	82	78	83	74	77	96	96	211	320	365	403	253	205	-	-	-	-	-	-	-	e,hf	23
24		246	216	112	96	101	176	102	74	74	54	32	64	13	0	35	-32	40	58	126	128	123	96	62	22	-	-	-	-	-	-	-	e,r	24
25		-16	32	67	80	117	96	122	149	160	126	96	67	96	93	98	77	80	82	109	224	259	224	189	112	-	-	-	-	-	-	-	e	25
26		90	32	-19	-117	45	80	48	13	0	136	112	96	80	112	96	74	109	112	134	112	64	80	150	158	-	-	-	-	-	-	-	e,r	26
27		144	96	96	93	128	112	157	194	178	176	150	104	118	98	102	146	478	386	336	379	318	323	294	330	-	-	-	-	-	-	-	e	27
28		323	312	214	170	171	141	168	168	368	266	254	224	349	275	336	320	402	251	112	35	-46	61	22	-864	-	-	-	-	-	-	-	e,r	28
29		278	173	-186	-32	-18	-13	48	80	128	72	35	-634	-222	178	96	93	48	-682	326	118	112	147	32	64	-	-	-	-	-	-	-	e,r,l	29
30		93	126	64	8	45	46	80	75	64	112	61	-40	66	54	19	-16	296	1	-237	64	26	102	8	74	-	-	-	-	-	-	-	e,l	30
31		38	-32	-18	-64	-45	-2	64	82	78	53	62	-32	-114	-178	-147	-176	-170	-176	-128	-109	-128	-176	-192	-218	-	-	-	-	-	-	-	e,r	31
A		177	169	139	121	146	174	183	164	189	113	113	118	100	94	75	84	137	149	177	227	235	243	206	175	-	172							
N		139	121	76	69	82	104	139	138	144	129	107	<71	>126	98	76	89	>94	>137	144	<158	139	163	134	<106	-	116							

June - June

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

1960
EMC - CMT

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		-170	-190	-224	-96	1	-	-	-342	-357	-341	-347	-368	-	-	-	-	-	-	-	-	-256	-261	-304	-256	-224	-	-	-	-	-	o,r,wind	1	
2		-304	-336	-	134	-200	-288	-232	-248	-275	-307	-320	-397	-802	-216	-219	-208	-256	157	-186	-224	-227	-246	-229	-272	-	-	-	-	-	-	o,r,d	2	
3		-253	-176	-144	-243	-256	-254	-227	-173	-173	-78	-32	-19	-16	-80	64	18	18	-19	-2	-48	-29	-144	-144	-96	-	-	-110	1786	-336	2122	o,d,r	3	
4		-96	-178	-221	-192	-240	-264	-250	-216	-128	-96	-192	-192	-61	10	35	16	64	96	96	138	80	-67	34	-21	-	-	-77	2160	-1805	3965	o,r,d,m	4	
5		-32	-22	-6	-3	-3	21	53	96	126	102	64	30	64	70	112	144	102	88	46	-3	3	-19	-30	-16	-	-	-	41	168	-278	446	o,r,wind	5
6		-16	-16	0	6	-16	-22	-144	-211	-67	-38	-16	32	-38	38	-67	32	29	106	-37	-83	-112	120	-48	-	-	-	-23	1536	-1872	3408	o,r	6	
7		-40	-32	-18	-10	6	32	48	86	133	179	192	171	125	-173	96	672	264	176	198	32	107	64	106	101	-	-	>105	>2400	-1872	>4272	o,r,l	7	
8		96	48	19	5	93	144	259	291	286	218	182	214	205	141	146	144	178	165	160	168	176	192	125	96	-	-	156	384	-16	400	c	8	
9		91	69	83	64	112	157	186	230	240	237	211	224	192	189	170	213	147	253	226	195	221	208	147	134	-	-	175	368	48	320	c	9	
10		77	42	48	96	230	304	386	499	[576]	501	448	400	384	106	-864	149	133	288	256	240	190	130	128	134	-	-	<203	806	<-2400	>3206	o,t,r	10	
11		109	80	64	99	144	186	192	192	101	64	128	138	-48	-1248	-202	-480	106	160	1416	-840	35	16	0	-14	-	-	17	>2400	<-2400	>4800	o,l,r	11	
12		-19	-16	-10	32	32	30	6	-21	3	-48	-38	-80	29	-29	-16	-221	32	-45	-58	-62	-32	-48	-74	-	-	-	-27	682	-1296	1978	o,r,l	12	
13		-32	-61	-75	16	51	21	128	144	128	112	118	102	86	99	112	118	114	96	112	192	189	197	176	146	-	-	95	563	-211	574	c	13	
14		128	208	151	128	138	134	[182]	96	94	136	112	64	64	54	46	32	48	102	142	128	94	74	70	64	-	-	103	280	-2	282	c	14	
15		64	40	22	14	42	106	144	190	144	115	85	67	58	74	74	96	-48	-67	[296]	1	432	-133	-112	-48	-	-	-	-	-	-	-	o,t,r	15
16		-86	-132	-229	-208	-195	-210	-123	-75	-62	-69	-37	-16	-21	-48	-128	-299	-109	-96	-18	16	-51	-67	-29	-160	-	-	-108	69	-445	514	o,r,d	16	
17		-93	-142	-135	-149	-256	-64	-16	67	67	96	-16	16	-5	-16	32	64	96	112	162	256	288	224	213	218	-	-	40	368	-373	741	o,d	17	
18		146	141	109	102	96	134	134	126	168	208	176	173	120	80	64	64	85	54	-115	-576	<144	-331	-141	-154	-	-	<42	2342	<-2400	>4742	o,r	18	
19		-208	-96	-102	-144	-16	48	128	141	192	144	162	128	96	21	32	16	19	-13	18	18	19	13	-16	-96	-	-	21	214	-320	534	o,r	19	
20		-75	29	2	64	64	29	96	85	64	64	62	35	54	13	14	-80	-13	16	14	32	-64	-50	-34	-70	-	-	15	160	-240	400	o,r	20	
21		-85	-62	-22	-	-	96	114	96	112	[96]	70	11	62	67	32	32	32	77	96	96	54	32	61	-	-	-	-	-	-	-	-	o	21
22		38	-3	-16	-19	-54	-216	32	45	69	112	83	-64	-38	10	115	-202	-48	-37	45	32	64	16	19	-32	-	-	-2	1920	-1728	3648	o,r,l,wind	22	
23		-96	-69	-51	-3	[0]	[58]	115	-	[160]	112	112	112	112	86	86	80	80	83	128	128	[115]	144	192	-154	-	-	-	-	-	-	-	o,t,r	23
24		32	29	16	64	-101	-48	-394	-144	<72	10	-	-	-	-	72	54	48	26	67	51	19	3	-13	-	-	-	-	-	-	-	-	o,m,f,r	24
25		-16	5	16	22	29	58	115	189	160	198	115	67	64	64	144	-	-77	48	58	-29	-125	-198	-93	-128	-	-	-	-	-	-	-	o,r,m	25
26		-102	-61	-29	-32	-8	54	83	94	117	112	128	112	78	64	67	64	38	64	64	48	30	38	38	61	-	-	47	160	-160	320	o	26	
27		-29	0	29	-16	13	64	128	102	64	64	-62	-48	-619	-648	490	91	144	67	-48	-192	-5	-240	-144	-182	-	-	<41	1776	<-2400	>4176	o,l,r	27	
28		-192	-240	-240	-182	-192	-240	-288	-144	-96	-43	-5	-5	38	93	64	80	62	75	88	96	80	107	106	72	-	-	-38	162	-336	498	o,r	28	
29		48	22	40	16	46	53	67	69	99	117	192	161	85	112	54	80	90	118	128	109	96	93	54	50	-	-	84	224	-37	261	o,r	29	
30		-19	8	2	16	40	16	70	64	77	101	128	144	160	[152]	162	112	-187	48	48	32	62	16	8	14	-	-	53	192	-749	941	o,r	30	
A		102	90	76	84	113	126	156	194	199	190	104	67	58	74	80	88	124	131	133	135	140	126	109	110	-	-	132						
N		-38	-39	-34	-14	-14	2	34	47	<68	70	59	45	9	<-31	<22	>39	30	64	>114	<-8	<36	-11	10	-22	-	-	29						

Juillet - July

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]

ELECTRIC FIELD STRENGTH [V/m]

1980

TMO - GMT

h 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	29	11	51	64	38	96	42	64	99	64	80	93	96	112	93	96	78	130	160	197	195	144	128	86	-	94	216	-32	248	o,d	1	
2	38	48	48	42	77	62	67	211	128	93	11	-112	-67	-43	-29	-19	-16	-67	-131	-141	-80	-110	-3	-3	-	0	304	-368	672	o,r	2	
3	-22	-32	-22	3	-96	-42	-16	19	90	82	67	77	70	48	91	-144	29	51	48	46	-10	-13	16	-13	-	14	528	-470	998	o,r,l	3	
4	-13	-21	24	0	32	80	51	16	3	59	19	-8	-24	13	29	-2	80	32	-182	-211	-195	-211	-61	-181	-	-28	907	-1248	2155	o,r	4	
5	-189	-205	-229	-254	-250	-384	-402	-211	14	10	40	-2	21	3	-13	48	-144	-16	-32	-2	24	3	30	38	-	-88	586	-624	1210	o,r,f,m	5	
6	16	-53	-98	-32	-13	48	-59	96	-72	34	24	-403	-230	-144	62	146	77	64	45	29	-3	-10	-54	-80	-	<-17	1882	<2400	>4282	o,m,l,t,r	6	
7	-72	-158	-112	-70	2	8	182	221	202	176	168	157	120	78	70	64	93	144	157	198	146	134	109	-26	-	83	240	-243	483	c	7	
8	240	158	202	115	112	112	144	128	166	158	158	99	115	117	18	-61	67	174	254	370	328	275	256	138	-	160	1363	-1152	2515	o,r	8	
9	21	120	34	-155	-333	-205	-58	-	211	218	245	187	189	98	37	54	240	<144	160	-40	-3	-160	56	-307	-	-	-	-	-	-	o,r,l	9
10	-64	-46	24	-144	-533	-307	-288	-72	-	-189	-179	-288	-384	-481	-232	-91	-98	-133	-66	26	48	61	33	-92	-	-	-	-	-	-	o,r,l,wind	10
11	-48	66	30	80	112	77	83	75	109	146	128	61	85	61	-24	120	0	0	56	32	51	64	-19	21	-	-	57	336	-586	922	o,r,wind	11
12	69	45	19	-2	45	98	85	96	109	-14	-144	[533]	[581]	43	-182	154	418	333	141	3	38	37	32	-13	-	83	1517	-2208	3725	o,r,l	12	
13	-30	-14	-18	27	-2	32	43	70	93	96	117	96	48	45	38	16	16	16	0	-13	-48	38	-30	-11	-	26	768	-187	955	o,r	13	
14	-6	-21	-42	-48	-42	-3	21	58	96	112	112	104	114	90	80	85	80	32	[40]	48	26	32	16	16	-	42	149	98	51	c	14	
15	21	35	112	112	78	98	192	214	146	96	38	<374	<960	2	<1094	67	59	93	144	-144	16	80	-14	-301	-	-	-	-	-	-	o,t,l,r,h,m	15
16	-122	-131	152	96	146	-93	-80	96	208	149	117	64	-91	384	-34	-27	-123	-280	-8	-174	-173	-173	-189	-198	-	-20	2054	-1872	3926	o,r,l	16	
17	-125	-48	32	46	99	131	136	115	80	110	109	45	96	144	174	149	162	96	64	56	138	160	102	38	-	88	224	-192	416	o	17	
18	115	128	64	102	128	128	176	224	189	192	174	144	109	109	112	133	130	80	3	30	-2	-10	-8	-32	-	101	269	-232	501	o,r	18	
19	-21	-32	34	32	46	64	109	128	179	200	147	154	125	112	109	128	125	35	48	18	34	-67	18	27	-	73	240	-288	528	o,r	19	
20	64	-93	-61	-66	-176	-256	-181	-35	62	80	96	106	75	66	<576	-456	-38	-38	123	240	192	142	126	91	-	-	<-21	1296	<2400	>3696	o,r,l	20
21	128	112	-110	-5	-18	-45	160	192	[253]	48	-83	-38	-35	50	40	61	16	3	80	64	98	80	96	144	-	-	54	576	-672	1248	o,r	21
22	112	178	-189	-160	-16	-155	3	24	-16	70	88	48	-157	-194	-32	-3	-16	-10	-3	-45	-2	-6	-70	-32	-	-24	400	-416	816	o,r	22	
23	-192	-376	-316	-384	-400	-368	-371	-219	16	56	190	-80	-48	-29	16	5	19	-16	16	-2	0	0	-18	-14	-	-106	432	-520	952	o,r,d	23	
24	-64	-115	-115	-94	-64	-19	-26	10	48	32	30	2	0	-21	-43	-32	-3	-30	-27	-94	-125	-112	-91	-75	-	-43	106	-176	282	o,d,r	24	
25	-50	-48	-48	-51	-90	-139	-61	-13	-5	32	32	70	64	88	331	0	134	-48	32	32	32	-8	-48	-346	-	-4	1776	-1829	3605	o,r,l	25	
26	-80	-53	-59	-30	-6	42	48	-	-	32	58	61	80	240	264	-67	-96	-142	-104	-192	-203	-64	-34	-	-	-	-	-	-	-	o,d,r,l	26
27	48	-16	-67	-64	-80	16	106	104	128	146	134	142	160	155	-48	-132	101	144	192	208	163	133	158	-21	-	63	710	-2256	2966	o,l,r	27	
28	-80	-80	-38	-286	96	112	197	[194]	211	160	192	245	197	[-192]	115	235	149	144	142	-	-	112	128	150	-	-	-	-	-	-	o,r,t	28
29	112	128	117	128	179	195	162	112	64	208	250	275	224	205	192	240	173	139	32	50	136	141	126	98	-	-	154	357	-112	469	o,r	29
30	112	144	144	128	165	230	224	286	371	451	429	379	298	272	307	288	240	202	221	190	189	208	186	160	-	-	243	560	64	496	o,r	30
31	150	144	134	133	165	176	115	112	240	301	352	397	384	>288	256	390	355	352	381	301	339	320	256	194	-	-	>260	>2400	>3936	o,r	31	
A	104	112	103	108	123	130	168	225	236	282	243	270	-	-	-	128	191	194	222	225	200	189	161	148	-	175						
N	3	-7	-11	-24	-19	-7	26	80	118	113	102	<72	<23	66	<3	54	75	<45	63	39	45	35	39	-19	-	<38						

Aout - August

CHAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]
ELECTRIC FIELD STRENGTH [V/m]1960
2002 - 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	160	208	238	208	283	227	224	176	176	144	107	146	-62	307	<322	8	>634	1	236	16	16	125	64	-341	-	-	-	-	-	-	c,r,l,t,m	1		
2	2	-272	-179	-163	-234	-80	-77	90	264	224	192	154	182	192	237	138	163	192	163	272	136	176	163	67	173	-	-	100	418	-542	960	c,n	2		
3	3	208	160	157	115	157	208	104	150	192	214	192	176	174	192	176	173	254	302	320	307	272	166	149	144	-	-	194	382	-114	496	b,m	3		
4	4	96	67	56	53	77	96	131	-312	-	72	141	160	13	43	-16	154	101	130	-48	46	6	110	48	3	-	-	-	-	-	-	-	c,t,r	4	
5	5	-64	-176	-128	-168	-112	16	67	77	112	77	96	112	112	109	112	110	115	101	160	134	75	29	24	34	-	-	43	184	-320	504	c,m	5		
6	6	187	46	45	83	126	174	128	94	206	174	112	192	174	166	168	190	176	150	48	32	48	64	64	64	-	-	121	1483	-960	2443	c,r	6		
7	7	48	64	16	-14	0	14	46	109	160	115	35	3	19	18	19	46	8	-16	-64	-16	51	48	19	-22	-	-	29	206	-160	366	c,r	7		
8	8	-46	-8	-48	-14	-29	29	62	131	222	227	198	144	94	80	94	110	176	176	<864	>576	298	216	1	1	-	-	-	-	-	-	-	c,r	8	
9	9	1	-187	-240	-72	-78	-312	-262	-265	-184	-192	-134	-435	-208	-109	-77	10	128	112	75	96	158	150	102	94	-	-	-	-	-	-	-	c,r,t	9	
10	10	85	72	77	83	110	142	88	173	192	163	160	128	102	16	118	110	<336	29	-96	-26	-139	-48	-14	-14	-	-	<46	1963	<-2400	>4363	c,r	10		
11	11	16	14	67	-32	67	256	248	230	213	174	157	144	134	126	117	125	142	112	70	48	64	80	86	152	-	-	117	320	-94	414	c	11		
12	12	151	96	83	77	96	144	-	-	-	-	-	-	-	-	64	88	112	195	173	174	126	174	147	146	-	-	-	-	-	-	-	c	12	
13	13	128	85	69	62	51	53	99	96	144	304	227	208	118	160	80	112	96	104	61	78	67	120	102	-19	-	-	109	358	-112	470	c,r	13		
14	14	-32	-18	14	-2	-14	6	37	80	128	94	64	96	110	102	83	96	83	96	51	102	96	51	66	66	-	-	61	147	-112	259	c	14		
15	15	26	2	16	53	46	40	(48)	53	144	224	267	240	192	144	160	179	224	144	131	101	107	128	128	96	-	-	121	307	-16	323	c	15		
16	16	69	67	16	19	27	24	112	128	190	206	150	128	117	142	195	160	163	205	112	112	134	189	176	114	-	-	123	253	-34	287	c	16		
17	17	16	-34	-13	-22	-38	(14)	(14)	3	16	16	38	46	69	80	77	104	128	(160)	72	48	64	96	16	-16	-	-	40	195	-101	296	c	17		
18	18	-2	2	-6	-64	-96	-142	32	(112)	160	150	112	102	102	99	109	80	96	80	51	80	195	269	144	182	-	-	77	304	-336	640	c	18		
19	19	208	227	163	32	176	93	149	141	150	174	166	128	160	101	112	192	176	192	192	160	208	234	259	144	-	-	164	306	-320	626	c	19		
20	20	54	16	26	32	30	46	8	142	184	144	158	147	192	192	131	132	110	46	-176	-96	-208	-112	-256	-259	-	-	28	405	-542	947	c,r	20		
21	21	-298	-270	-294	-235	-192	-110	-32	-46	-50	-158	-51	61	48	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r,l,wind	21	
22	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r,wind	22	
23	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r	23	
24	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r	24	
25	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r	25	
26	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r	26	
27	27	179	160	160	166	176	210	208	176	152	150	144	118	126	133	-	112	(69)	131	165	134	144	150	85	118	-	-	-	-	-	-	-	c,m	27	
28	28	154	128	48	70	134	144	78	77	120	118	104	-	115	118	133	160	240	245	250	192	157	96	62	51	-	-	-	-	-	-	-	-	c,f	28
29	29	48	48	38	32	32	46	51	24	-2	29	48	46	32	38	46	32	-96	58	-	48	-14	-16	6	-46	-	-	-	-	-	-	-	-	c,r,l	29
30	30	-10	-152	-59	-38	-38	-19	-35	29	32	(48)	54	48	78	-10	<-720	-38	-163	-16	-62	-134	-208	-243	-208	-	-	-	<-76	1488	<-2400	>3888	c,r,m,r,t	30		
31	31	-232	-125	-46	-77	-26	-2	-2	30	53	88	48	64	67	30	16	34	45	32	32	30	37	38	27	16	-	-	-	-	-	-	-	-	c,m	31
A	A	105	100	103	97	125	138	139	125	166	156	134	133	96	96	112	135	165	174	142	129	134	135	121	115	-	-	129	-	-	-	-	-		
N	N	33	12	11	6	31	51	68	74	122	118	110	99	91	103	<42	109	123	116	<50	>106	85	95	60	34	-	-	72	-	-	-	-	-		

Septembre - September

ORAMP KINOTRIQUE ATMOSPHERIQUE [V/m]
KINOTATIS FIRED STRENGTH [V/m]1980
2000 - 0000

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		-64	-48	-144	-176	-112	16	54	43	38	35	16	-13	-10	-14	26	-	-	-499	-149	-138	-96	-19	-19	3	-	-	-	-	-	-	o, r	1	
2		6	5	-30	-5	-14	-61	-75	32	107	141	144	138	(141)	130	112	96	154	144	179	243	243	245	143	250	-	-	105	504	-152	456	o, r, m	2	
3		126	-80	-88	11	62	58	59	91	125	117	110	78	66	58	83	107	144	134	61	118	64	58	61	75	-	-	71	290	-256	546	o, m, r	3	
4		80	74	64	64	61	96	106	144	157	160	151	142	157	155	106	64	42	58	48	32	42	42	35	48	-	-	87	182	6	176	o	4	
5		37	32	32	32	26	16	32	64	64	88	64	48	48	50	50	80	125	131	91	80	50	51	34	16	-	-	56	160	-13	175	o, m	5	
6		6	0	-13	0	-10	5	13	-22	19	38	38	64	54	43	-10	0	6	187	-70	-19	0	16	30	32	19	-	-	<2	2352	<2400	>4752	o, m, r, l	6
7		16	16	18	3	-189	-128	-14	37	48	-14	8	-10	26	48	70	98	142	144	160	208	190	115	43	16	-	-	44	531	-288	619	o, m	7	
8		-10	-19	-24	-13	-32	-50	30	170	163	211	224	243	206	190	192	192	147	144	125	122	112	128	128	118	-	-	110	288	-80	568	o, m	8	
9		93	64	74	64	48	88	(93)	48	90	114	160	166	83	75	80	86	69	50	32	-163	-134	38	-112	-82	-	-	47	1349	-1502	2851	o, m, r	9	
10		-48	-26	0	-16	0	0	13	32	51	109	83	35	-37	35	64	51	35	46	46	-35	-176	-173	-135	-128	-	-	-34	291	-765	1056	o, r, m	10	
11		-384	-205	-357	-194	-83	-69	-16	53	64	51	-45	-264	-376	-306	-352	-29	-285	-96	-230	-222	-111	-135	-100	-368	-	-	-207	787	-1680	2467	o, r	11	
12		-384	-272	-179	-288	-259	-317	-423	-547	-326	-224	-96	-99	29	64	136	74	-32	102	168	154	77	74	126	86	-	-	-99	242	-1301	1543	o, r	12	
13		139	48	40	18	32	-96	-131	-78	-32	-307	-466	-336	-410	-272	-14	-5	110	78	-45	128	165	80	112	69	-	-	-49	208	-746	954	o, r, l	13	
14		46	69	14	-99	-45	75	174	221	179	147	229	149	77	51	83	123	18	-45	96	78	94	102	80	64	-	-	82	442	-354	796	o, r	14	
15		<553	-384	-80	-192	-144	19	-110	178	2403	312	278	221	141	219	208	235	269	243	173	-3	-5	-30	-61	-195	-	-	43	>2400	>2400	>4800	o, r, l	15	
16		-262	-141	-72	-32	-29	48	48	54	128	226	160	138	118	158	206	208	270	(210)	186	139	50	176	234	136	-	-	100	320	-530	850	o, r	16	
17		269	166	165	181	229	262	64	158	150	138	189	224	258	288	206	278	192	160	131	114	91	67	64	56	-	-	170	512	-461	973	o, r, m	17	
18		96	70	64	86	45	5	-51	-62	-32	24	93	102	138	128	99	70	48	16	-13	-5	48	-66	-138	-	-	32	768	-648	1416	o, r	18		
19		-216	-205	-80	-144	-144	-366	16	128	256	302	203	133	192	178	147	144	120	(352)	410	373	349	344	422	357	-	-	140	515	-560	1075	o, r, m	19	
20		334	227	176	120	139	245	170	246	248	216	224	291	227	229	341	250	216	246	256	198	208	286	210	168	-	-	228	494	-46	540	o, r	20	
21		176	192	96	96	128	227	285	290	357	352	246	32	173	298	246	304	182	356	356	317	353	237	128	106	-	-	228	397	-43	440	b, f, m	21	
22		69	48	67	70	131	128	189	88	74	99	26	115	-	118	(128)	174	160	77	48	32	67	61	48	82	-	-	-	-	-	-	o, m	22	
23		-8	-80	-61	-21	-35	-67	125	(101)	32	42	163	122	192	186	238	272	286	299	365	384	462	509	202	402	-	-	171	624	-762	1386	o, m, d, f	23	
24		582	768	682	466	400	480	296	110	-39	269	224	186	163	150	110	101	206	315	416	547	291	179	252	224	-	-	312	802	-362	1164	o, r, m	24	
25		256	272	226	222	227	240	160	(192)	(192)	208	192	162	150	-	118	144	165	118	112	77	96	122	92	118	-	-	-	-	-	-	o	25	
26		86	56	61	48	-269	32	98	101	-21	-370	-384	-538	-682	-1210	-998	-149	-106	-147	-314	-236	-672	-61	-278	-360	-	-	-265	802	-1848	2650	o, r	26	
27		-103	-154	-264	-382	-430	-579	-378	-304	-368	-122	-91	-178	-43	-64	133	96	-3	173	74	-43	-77	-144	-146	-294	-	-	-179	320	-797	1117	o, r, r	27	
28		-246	-541	-428	-466	-504	-496	-503	-592	-405	-290	-257	-128	214	-72	-45	-6	-46	-163	-64	13	54	147	62	-50	-	-	-233	227	-800	1027	o, r, m	28	
29		-80	-310	-475	-355	-336	-83	-144	-154	122	85	107	64	32	64	80	67	227	246	466	278	333	314	285	-	-	-	50	560	-672	1232	o, r, m	29	
30		269	171	170	160	160	123	91	136	-19	10	64	78	45	0	-144	-288	-286	-288	-432	-365	-557	-320	-35	-91	-	-	-69	1248	-1920	3168	o, r, r	30	
A		159	142	107	106	112	141	120	112	172	171	132	165	145	165	153	156	145	181	181	179	214	214	164	157	-	-	159	-	-	-	-	-	
N		<-8	-16	-14	-25	-32	-2	11	30	>60	70	66	45	31	33	58	99	<75	85	87	86	40	76	43	22	-	-	38	-	-	-	-	-	

Octobre - October

ORAMP ÉLECTRIQUE ATMOSPHÉRIQUE [V/m]

ELECTRIC FIELD STRENGTH [V/m]

1980

TMGR - CMF

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.	Indication du temps Type of weather	Date	
1		-216	120	-120	5	307	-154	-432	250	-658	-336	-192	-134	-125	-472	-138	46	48	101	131	203	160	38	32	-72	-	-	<-67	2352	<-2400	>4752	c,r	1	
2		-32	-80	45	59	13	37	149	139	125	139	112	48	-122	22	-13	16	32	14	-125	38	64	66	110	67	-	-	38	1776	-1872	3648	c,r	2	
3		48	202	48	-16	-69	-48	614	178	317	16	128	123	210	176	163	-26	(205)	(275)	(278)	224	202	152	86	32	-	-	147	2309	-2275	4584	c,r	3	
4		58	-40	-171	-107	-19	48	48	208	224	224	238	205	157	160	86	275	218	226	125	182	16	83	-8	-90	-	-	98	352	-400	752	c,r,m,f	4	
5		-16	6	78	77	80	134	192	267	272	98	48	-360	264	216	-298	-192	-99	-21	-195	-234	-112	-93	-125	-62	-	-	-3	1982	-1683	3562	c,r,m	5	
6		155	179	192	91	-128	40	-128	-400	-208	-197	-56	-80	3	16	64	64	16	11	-3	-8	13	35	30	24	-	-	-11	346	-704	1050	c,m,f,d,r	6	
7		29	120	125	112	61	99	69	58	112	179	173	176	192	158	112	69	-8	5	115	133	6	77	64	46	-	-	95	258	-96	354	c,r	7	
8		32	-93	184	80	-147	-192	-264	-376	-400	-320	-450	-115	0	40	-139	168	-67	-248	-101	106	238	229	253	182	-	-	-58	2347	-2232	4579	c,r	8	
9		125	102	-224	-371	-659	-539	-688	-523	-304	-320	88	-174	-56	-342	-542	-592	-437	-398	-461	-514	-429	-416	-139	14	-	-	-324	528	-794	1322	c,m,r	9	
10		38	200	160	32	19	18	114	208	272	264	208	237	211	209	218	-48	-171	-272	-278	-240	-278	-499	-667	-596	-	-	-26	1579	-1243	2822	c,m,r	10	
11		-586	-1171	-557	-256	-262	-194	-320	-445	-341	-384	-384	-275	-96	-21	16	-54	40	-18	-16	-32	-5	-6	-6	96	-	-	<-220	174	<-2400	>2574	c,r,d	11	
12		147	86	94	256	274	286	336	397	432	405	395	366	398	368	419	438	374	392	418	459	464	448	400	301	-	-	348	488	24	464	c,r	12	
13		208	158	103	102	128	205	240	288	288	78	120	198	125	346	384	266	224	144	144	120	96	86	112	96	-	-	186	568	-355	923	c,r	13	
14		110	106	48	16	144	19	-158	58	-528	-235	-528	-616	-688	-58	-254	-254	-216	-192	-288	-326	-298	-307	-307	-230	-	-	-216	1560	-1354	2914	c,r,f,d	14	
15		-312	-192	-61	74	38	32	171	171	152	64	54	158	272	306	291	235	208	104	182	190	144	114	104	80	-	-	107	352	-450	802	c,d	15	
16		77	83	80	82	117	208	200	120	-96	-10	-120	-264	112	197	309	218	224	245	344	64	48	48	64	132	-	-	104	1296	<-2400	>3696	c,r,m,f	16	
17		24	29	-32	-30	-45	-45	(-106)	147	440	467	480	528	528	544	566	528	467	470	464	429	384	365	296	224	-	-	297	587	-150	747	c	17	
18		240	258	-99	96	-96	235	326	374	378	339	368	298	192	96	224	392	432	395	400	352	304	192	174	112	-	-	249	1680	-1675	3355	c,r	18	
19		82	64	-51	-192	-96	-211	3	134	-390	3	3	-259	-374	-533	-270	-226	-101	-32	51	11	45	173	138	128	-	-	-	-	-	-	c,r,f,m,r	19	
20		96	48	18	38	21	-62	-131	174	277	256	286	293	221	64	13	-13	91	125	101	91	83	32	2	32	-	-	90	320	-259	589	c,r,hf	20	
21		42	32	0	-2	-16	-50	-75	-34	48	88	117	219	258	237	240	208	32	-10	82	-18	53	67	59	259	-	-	76	432	-144	576	c,r	21	
22		275	179	208	192	264	197	258	304	304	248	259	266	213	267	280	240	221	144	144	259	336	259	229	160	-	-	238	405	-35	468	o	22	
23		115	77	80	80	64	101	142	176	208	176	166	206	227	158	64	64	101	107	83	00	48	54	53	96	-	-	114	262	-30	292	o	23	
24		61	0	48	-42	16	16	83	104	-48	16	112	190	163	173	147	176	64	21	82	98	72	46	32	40	-	-	70	302	-215	512	c,r	24	
25		86	174	152	144	74	40	16	48	78	120	-107	-94	-72	-32	-42	-59	-376	-200	-112	-61	-14	-24	48	-29	-	-	-10	222	-496	718	c,r	25	
26		-115	-38	26	107	154	128	96	48	39	192	160	(-2)	-18	190	171	225	336	397	474	410	403	261	211	152	-	-	-167	533	-234	827	c,hf	26	
27		360	333	147	133	219	99	208	453	464	469	416	322	293	322	384	448	416	357	288	277	248	109	-83	-269	-	-	267	528	-437	995	c,hf,r	27	
28		-267	-586	-590	-634	-296	-477	-448	-480	-168	-32	38	106	96	155	298	224	160	211	192	176	150	144	163	189	-	-	-70	320	-778	1098	c,r	28	
29		208	221	224	211	192	210	221	288	314	274	264	34	<245	96	157	85	189	269	224	179	216	194	115	93	-	-	<176	816	<-2400	>3216	c,r,wind	29	
30		130	128	86	-32	-107	-114	-38	19	-163	-67	-154	-221	-307	-557	-422	-590	-374	<-298	-282	-115	-83	-64	-136	-213	-	-	<-166	2352	<-2400	>4752	c,r,wind	30	
31		-128	-376	-101	-70	-304	-243	160	18	176	195	160	157	149	179	286	352	334	386	352	338	336	320	240	186	-	-	128	432	-720	1152	c,r,g	31	
A		162	166	128	164	188	184	248	332	320	297	284	289	285	280	322	344	304	272	259	228	226	189	174	144	-	-	240						
N		35	<11	5	8	-2	<-6	<27	<76	<51	80	80	<44	<77	86	89	86	83	<87	91	92	94	70	50	41	-	-	<57						

Novembre - November

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

1980
TMOX - GMT

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	
Date																																	
1	171	45	-5	-58	-80	10	16	373	410	354	317	310	304	300	300	317	290	357	397	380	326	339	294	323	-	-	238	480	-114	594	o,hf	1	
2	148	342	240	227	210	182	200	312	332	565	461	395	337	464	403	432	479	429	410	430	483	406	443	410	-	-	369	734	128	606	o,hf	2	
3	368	304	278	294	291	304	280	117	-189	-88	130	128	144	46	56	37	16	110	116	80	78	96	110	96	-	-	134	450	-359	789	o,s,g	3	
4	86	118	102	112	115	128	157	205	217	222	240	224	262	253	240	189	96	200	317	338	227	237	144	93	-	-	191	458	54	404	o,s	4	
5	96	80	96	14	74	100	144	54	79	80	32	64	19	30	61	14	10	-64	42	-16	45	30	64	64	-	-	54	211	-168	379	o	5	
6	22	-26	-03	-51	-32	-42	64	83	32	-19	-48	-11	56	93	16	16	3	22	80	43	45	123	158	64	-	-	25	224	-118	342	o,hf	6	
7	18	45	61	16	64	21	-16	38	48	-45	88	250	414	424	464	390	434	413	442	432	19	-710	-24	156	-	-	141	1027	-1003	2030	o,hf	7	
8	176	110	66	178	174	331	397	504	400	384	290	259	304	317	346	256	218	157	58	16	58	-38	-78	-99	-	-	200	672	-274	946	o	8	
9	48	45	-25	-90	-112	-112	-20	-152	-168	-158	-269	-234	-253	-184	-144	-138	-126	(-94)	-176	-246	-112	-56	3	-	-	-131	262	-429	691	o,g	9		
10	-19	-144	-170	-197	-232	-141	-172	-80	-61	-104	-128	(-112)	-70	-86	-40	54	-32	-245	-147	45	-13	96	213	138	-	-	-64	778	-2400	3178	o,g	10	
11	80	-42	46	14	-10	78	93	224	346	370	317	365	349	355	370	370	54	-101	-128	-115	-192	-181	-160	-	-	-	104	606	-320	926	o	11	
12	-187	-85	-114	-109	-141	-114	-129	-152	-163	-16	149	247	282	144	128	-3	-96	-62	-101	-107	-122	-136	-138	-32	-	-	-44	418	-243	661	o,hf	12	
13	13	-174	-176	-112	-94	-116	-173	-122	-189	-146	-93	-53	-35	51	-50	6	51	-141	-150	14	-96	-80	-114	-208	-	-	-94	224	-432	656	o,s,r	13	
14	-254	-321	-324	-332	-255	-225	-122	-160	(-320)	1	-317	-192	-110	45	26	-10	35	78	64	130	160	144	189	216	-	-	-	-	-	-	-	o,r,s	14
15	192	146	64	-72	-22	72	3	-413	-576	-352	-379	-648	-655	-470	-400	-520	-209	-256	-192	-115	-18	-110	64	-96	-	-	-207	480	-1009	1468	o,r,s,m	15	
16	-20	-255	-234	-555	1	-22	-260	-431	-112	-192	-120	-122	160	255	205	45	62	-45	16	128	0	-214	-30	-310	-	-	-	-	-	-	-	o,m,r,wind	16
17	-387	-318	-32	-122	-355	-320	-64	125	32	129	157	146	211	197	262	224	227	224	306	136	176	80	16	-40	-	-	43	1584	-1747	3331	o,r	17	
18	-65	-37	-12	-64	-72	-133	32	162	214	239	363	334	334	315	288	314	288	296	200	216	240	205	208	-	-	161	419	-304	723	o	18		
19	192	147	112	156	174	210	224	144	125	208	255	224	221	-336	240	1	-131	16	93	51	64	-61	-144	-192	-	-	-	-	-	-	-	o,r,g,s,wind	19
20	3	-30	-93	-45	16	160	274	343	419	416	359	352	336	330	184	318	526	395	98	53	182	157	189	152	-	-	213	674	-275	949	o,hf,wind	20	
21	243	256	90	131	274	337	296	195	288	317	274	211	142	115	56	51	64	32	128	96	90	32	-21	-35	-	-	155	480	-160	640	o,hf	21	
22	-80	-96	-93	-67	-202	-22	-112	-64	77	176	176	227	224	109	182	168	136	205	128	128	174	182	32	10	-	-	63	294	-509	803	o,m,r	22	
23	-110	-272	-272	-413	-416	-331	-296	-431	-432	-435	-458	(-440)	-557	-304	-529	-560	-384	-224	-144	-110	-224	-304	-488	-448	-	-	-362	45	-741	786	o,m,r,d	23	
24	-237	-416	-247	-90	3	-42	19	120	199	128	103	122	120	142	67	154	29	-272	(-112)	-128	-144	-304	-624	-570	-	-	-87	256	-755	1011	o,r	24	
25	-432	-538	-533	-310	-125	-132	-14	46	67	-	(-122)	133	-152	-195	-333	-203	-307	-96	32	-34	-202	-32	-48	-	-	-	-	-	-	-	-	o,r	25
26	-93	-125	16	-38	-653	-528	-432	-624	-250	-166	-69	-432	171	-54	-203	-174	-275	-195	-176	-176	32	205	198	176	-	-	-161	416	-1363	1779	o,r,m,f	26	
27	160	160	96	186	220	224	225	256	352	456	424	368	304	448	422	464	672	270	355	115	242	128	198	350	-	-	300	864	32	832	o,hf	27	
28	419	355	336	320	310	-206	-365	1	-144	275	243	200	144	176	115	53	290	110	-80	-40	66	14	-112	-43	-	-	-	-	-	-	-	o,hf,s	28
29	-16	80	96	-168	-200	-176	-133	-304	-270	-21	-50	-134	-162	-32	-114	-120	91	-64	-45	61	240	138	32	51	-	-	-51	368	-670	1038	o,m,s,g	29	
30	80	64	48	64	11	82	54	-48	0	42	128	64	(-16)	-2	128	38	29	106	136	168	192	240	200	224	-	-	85	269	-128	397	o,s	30	
A	238	257	176	212	252	260	285	298	301	323	288	284	302	243	286	332	486	278	240	176	157	183	190	234	-	-	259						
N	16	-21	-37	-40	-35	-17	-21	-1	21	92	87	70	109	<104	94	67	99	<49	68	69	70	14	23	14	-	-	<37						

Décembre - December

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

1980
TMO - GMT

h 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	203	173	144	176	210	243	275	307	424	430	478	480	518	576	696	768	768	490	912	936	168	-691	-179	160	-	354	1248	-1133	2381	b	1	
2	277	512	400	384	464	339	517	400	531	365	454	520	470	480	192	3	-16	-37	2	-48	-139	-112	80	-40	-	250	816	-413	1229	b,h,f	2	
3	16	-35	-16	-19	-112	-64	-78	-224	-221	-240	-174	-176	-102	-222	-266	-216	-106	-165	-83	-146	-171	-246	-419	-400	-	-166	261	-547	808	c,s,g	3	
4	-350	-514	-323	-178	-213	-53	-384	-480	-182	-210	173	272	296	350	171	131	64	74	-42	-24	-91	-112	-45	-64	-	-72	398	-922	1320	c,s	4	
5	62	42	-53	30	-10	98	39	56	16	-90	-64	-40	-69	-102	-269	-115	-112	-213	-176	-118	-91	-120	-118	-16	-	-61	397	-530	927	c,h,f	5	
6	-30	-50	-109	69	128	136	64	16	77	16	-16	-93	-56	-115	-170	-147	-104	26	-88	-67	-16	-96	-179	-192	-	-42	229	-320	549	c,h,f	6	
7	-178	-208	-32	-218	-336	-432	-171	-352	-205	-48	-208	-344	-256	-120	-394	-400	-296	-171	-217	-381	-368	-272	-192	-242	-	-253	576	-898	1474	c,h,f,s,g	7	
8	-355	-349	-283	-355	-368	-368	-395	-426	-349	-370	-294	-162	-149	-106	-96	-205	-336	-310	-304	-352	-328	-298	-262	-443	-	-303	-42	-754	712	c,s,g	8	
9	-397	-258	-125	-173	-253	-304	-328	-480	-445	-384	-304	-269	-238	-304	-304	-272	-230	-304	-301	-320	-581	-546	-624	-758	-	-356	619	-1930	2549	c,s,g,wind	9	
10	-912	-864	-864	-854	-691	-629	-653	-624	-643	-662	-318	-384	-304	-16	16	-109	-109	-198	-128	-253	-272	-275	-189	-48	-	-416	128	-1099	1227	c,s,wind	10	
11	16	93	-122	-211	-390	-490	-499	-538	-381	-486	-464	-445	-586	-830	-898	-672	-638	-1008	-1094	-1296	-730	-725	-691	-778	-	-577	528	<-2400	>2928	c,r,wind	11	
12	-912	-581	-494	-590	-691	-408	-269	-336	-494	-19	83	54	-224	-336	-1008	-854	-376	-246	-96	-88	192	142	202	221	-	-297	288	-1603	1891	c,r,wind	12	
13	205	240	147	186	256	274	289	235	102	152	200	456	510	509	542	334	341	301	170	211	381	382	496	538	-	311	614	-125	739	c,r	13	
14	400	-8	-336	-427	-258	-218	-112	-112	48	67	186	418	454	406	352	413	370	310	275	324	398	190	109	176	-	<104	512	<2400	>2912	c,r	14	
15	270	198	170	176	174	64	-43	-118	51	149	-446	-682	-595	-451	-147	61	-64	279	309	332	430	432	304	285	-	45	462	-1008	1470	c,r	15	
16	224	182	144	256	256	256	332	418	286	211	235	83	141	274	278	314	318	210	376	347	384	387	355	355	-	274	1819	-1824	3643	c,r	16	
17	320	282	275	264	210	246	360	546	413	278	480	362	354	386	461	464	565	296	-363	-179	136	125	269	464	-	293	704	-626	1330	c,s,g,s,hf,m,f	17	
18	442	360	448	384	336	259	144	158	293	410	550	531	522	480	451	397	344	290	272	389	325	254	218	214	-	353	629	125	504	b	18	
19	72	136	61	-19	-26	37	30	6	58	48	126	109	144	130	112	83	90	189	152	234	266	221	198	-62	-	108	512	-222	734	c,s,m,hf	19	
20	-166	-90	-83	-30	-35	-13	-85	-70	-16	85	176	254	323	418	349	237	163	267	80	93	75	106	86	96	-	92	486	-341	827	c,r,d,hf,m	20	
21	99	80	48	16	0	-29	-48	-86	-106	-102	-93	-386	-202	-466	-518	-173	-614	14	-147	-198	-8	38	-488	-442	-	-159	336	-1008	1344	c,m,f,d	21	
22	-206	-170	-13	-67	157	-43	-106	29	14	-259	-192	-179	-18	-85	-147	-245	-317	-211	-259	-306	-134	-154	-186	-261	-	-140	352	-758	1110	c,m,f,d	22	
23	-384	-315	-144	48	90	135	-10	16	-16	-26	157	163	210	163	5	6	-90	144	158	208	120	-10	-422	-419	-	-10	334	-594	928	c,f,d,r,wind	23	
24	-144	182	211	187	168	230	245	235	318	350	336	336	336	350	397	379	434	355	266	254	30	-110	-436	-304	-	193	558	-640	1198	c,r,wind	24	
25	16	174	230	224	254	253	240	221	229	166	163	256	262	256	264	291	314	288	301	275	195	131	122	-82	-	210	360	-624	984	c,r	25	
26	-106	-32	-75	-288	-144	66	61	-6	144	93	163	141	190	282	323	306	352	366	413	442	416	358	166	77	-	154	547	-688	1235	c,r	26	
27	272	371	395	416	474	550	381	219	330	72	-102	110	131	48	-53	-173	-379	-288	-205	-291	-224	-162	-46	-64	-	66	592	-656	1248	c,hf,m	27	
28	-13	35	174	230	181	150	96	-29	-96	-176	-90	-221	-274	-102	-114	-232	61	-128	-10	118	229	259	333	288	-	28	544	-722	1266	c,hf,m	28	
29	251	202	-5	29	74	-62	-256	-179	-174	-176	-83	-48	-78	-152	-227	-395	-434	-368	-304	-125	-61	32	112	32	-	-100	294	-544	838	c,s,d	29	
30	48	-160	-198	-179	-192	-235	-267	-208	-88	-99	-51	-224	-163	-35	-51	-157	48	-198	-211	-237	-141	-147	-336	-477	-	-165	192	-611	803	c,d,r	30	
31	-336	-128	90	173	144	224	256	256	250	234	272	266	286	256	304	336	280	266	288	381	469	400	365	290	-	234	528	-448	976	c,d,r	31	
A	304	272	289	280	337	280	312	315	416	402	494	435	428	444	438	404	400	360	592	512	512	320	350	330	-	384						
N	-42	-16	-17	-12	<-38	6	-12	-35	5	-7	43	38	56	62	8	5	9	10	<2	6	28	-21	-44	-61	-	<-1						

Janvier - January

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

1980
 1980 - 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		1.8	2.0	2.0	2.0	2.2	2.0	1.7	1.5	1.3	1.6	1.6	1.6	1.8	1.7	1.5	2.2	2.2	2.4	2.3	2.5	2.7	2.0	2.0	2.1		-	2.2	4.2	1.2	3.0	o,m,s	1	
2		2.9	3.2	4.2	3.3	3.3	3.3	3.8	4.0	2.9	2.4	2.9	2.2	2.8	2.7	2.0	2.9	2.6	2.4	2.3	2.2	2.3	2.7	2.6	2.6		-	3.0	8.3	2.0	6.3	o,s	2	
3		2.8	2.3	2.0	2.1	2.7	2.4	2.9	2.7	2.6	2.7	2.7	2.4	2.3	2.8	2.9	2.9	2.6	2.6	2.3	2.3	2.5	2.6	2.6	2.9		-	2.9	4.5	2.0	2.5	o,s	3	
4		2.1	2.1	2.7	2.2	2.7	2.2	1.9	1.7	1.8	1.7	2.0	2.0	2.3	2.3	2.3	2.3	2.0	2.1	2.1	2.4	2.6	2.6	2.4	2.1		-	2.3	4.5	1.6	2.9	o,s	4	
5		1.7	1.8	2.0	1.8	2.0	1.9	1.6	1.6	1.2	1.2	1.0	1.4	1.7	1.9	1.2	1.8	2.0	2.7	2.9	2.1	2.0	2.0	2.1	2.2		-	2.0	2.1	0.9	4.2	o,s,m	5	
6		3.5	3.4	2.4	2.2	2.9	2.0	2.2	1.7	1.7	1.6	1.6	1.9	1.8	1.6	1.6	1.1	0.6	0.7	1.0	1.3	1.5	1.9	2.1	2.8		-	2.0	4.7	0.6	4.1	o,hf	6	
7		2.0	2.3	2.4	2.1	2.0	2.0	2.9	2.7	2.7	2.7	2.0	2.5	2.2	2.1	2.8	2.6	2.0	1.3	1.5	1.7	1.8	2.2	2.1	2.1		-	2.6	4.3	1.0	3.3	o,hf	7	
8		2.4	2.3	2.7	2.7	2.5	2.6	2.3	2.5	2.3	2.4	(2.3)	2.2	1.9	(1.7)	1.5	1.4	1.1	1.1	1.0	1.6	2.3	2.2	2.6	4.0		-	2.2	4.6	0.9	3.7	o,s,s,m	8	
9		4.3	4.5	4.2	4.8	4.8	4.4	3.0	2.6	2.5	2.9	2.9	3.0	3.2	2.7	2.3	2.6	2.6	2.7	2.9	2.9	3.2	2.3	2.0	2.4		-	3.2	6.3	1.1	2.2	o,g	9	
10		2.1	2.2	2.3	1.9	2.1	2.1	1.7	1.3	1.4	1.4	1.8	2.4	2.2	1.9	1.7	1.6	1.5	1.2	1.3	1.4	1.6	1.6	1.7	2.2		-	1.8	2.7	0.9	1.8	o,hf	10	
11		3.2	3.2	2.9	2.7	2.6	2.4	2.1	1.9	1.9	[2.0]	2.1	2.3	2.6	2.6	1.9	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.1	1.1		-	2.0	4.3	0.9	3.4	o,hf	11	
12		1.0	1.2	1.4	1.8	1.8	1.6	1.6	1.5	1.4	1.4	2.0	2.3	2.6	2.7	2.4	2.2	1.6	1.4	1.3	1.3	1.6	1.6	1.8	1.6		-	1.7	2.9	1.0	2.9	o,hf,m,s	12	
13		1.6	2.1	2.5	2.3	2.7	2.6	2.7	2.5	2.2	2.2	2.2	(2.3)	(2.3)	2.2	2.1	1.6	1.3	1.2	1.2	1.2	1.1	1.0	1.0	1.3		-	1.9	3.0	1.0	2.0	c,s,hf	13	
14		1.5	1.6	3.2	1.8	2.5	2.6	2.9	1.7	1.8	2.0	2.1	2.3	2.4	2.1	2.0	1.7	1.3	1.3	1.4	1.5	1.7	1.8	1.7	1.9		-	2.0	4.3	1.2	3.1	b,hf	14	
15		2.1	2.4	2.3	2.4	2.1	1.7	1.5	1.4	1.3	2.0	2.7	2.9	2.0	2.7	2.5	1.7	1.3	1.3	1.3	1.1	0.9	0.8	1.0	1.2		-	1.8	3.3	0.7	2.6	b,m,hf	15	
16		1.7	1.9	2.3	2.3	1.8	2.1	1.8	1.7	1.5	1.2	1.4	1.3	(1.4)	1.4	1.2	0.9	0.8	0.9	0.8	0.9	1.0	1.0	1.0	1.0		-	1.4	2.0	0.7	2.3	c,hf,m,g	16	
17		1.0	1.3	1.3	1.4	1.2	0.8	-	-	0.7	0.7	0.7	1.0	1.1	1.2	1.0	0.9	0.6	0.5	0.6	0.5	0.7	0.6	0.7	0.7		-	-	-	-	-	o,m,f	17	
18		1.1	1.4	1.6	1.6	1.4	1.2	1.1	1.0	0.9	1.0	1.0	1.1	1.3	1.4	1.0	0.8	0.6	0.5	0.7	0.8	0.8	1.0	0.8	0.8		-	1.0	1.8	0.4	1.4	b,m,hf	18	
19		1.0	1.0	1.2	1.5	1.4	1.5	1.3	1.3	1.3	1.3	1.5	1.6	2.0	2.3	2.4	1.9	1.6	1.4	1.4	(1.7)	1.6	1.6	1.8	1.8		-	1.6	2.7	0.7	2.0	b,m,hf	19	
20		2.3	2.6	2.6	2.0	2.6	(2.4)	(2.4)	(2.3)	2.1	2.4	2.6	2.7	2.6	2.6	2.7	2.3	2.2	2.5	2.6	2.4	2.7	2.4	2.9	2.0		-	2.5	2.4	1.8	1.6	b,hf	20	
21		3.0	3.0	3.4	3.4	3.7	3.8	3.0	2.7	2.8	2.9	3.0	2.2	2.0	2.9	2.6	2.5	2.7	2.2	2.9	2.1	2.4	2.5	2.6	4.0		-	2.1	4.5	2.0	2.5	o,g	21	
22		4.1	3.9	4.1	3.7	4.0	4.1	2.9	2.5	2.4	2.4	2.4	2.2	2.4	2.5	2.3	3.2	3.0	2.9	2.2	2.1	2.2	2.3	2.4	2.8		-	2.5	4.7	2.7	2.0	c,s	22	
23		2.7	2.9	2.6	2.7	2.3	2.4	[2.2]	-	-	-	-	-	-	-	1.7	1.3	1.1	1.2	1.2	1.1	1.7	2.0	1.7	2.0		-	-	-	-	-	o,s,s,r,m	23	
24		1.7	1.6	1.5	1.2	1.8	1.7	1.6	1.7	1.5	1.4	1.4	1.3	1.4	1.4	1.1	1.0	0.8	1.0	1.2	1.2	1.4	1.7	1.4	1.6		-	1.4	2.3	0.6	1.7	o,d,m,f,s	24	
25		1.4	1.2	1.2	1.8	1.8	2.1	2.3	1.8	1.9	2.5	1.9	1.7	1.9	1.8	1.9	1.7	1.7	1.9	1.8	2.1	2.2	2.2	2.2	2.3		-	1.9	3.0	1.1	1.9	o,s,g	25	
26		2.4	2.0	2.4	2.2	2.8	4.7	2.6	2.0	2.2	-	-	2.1	1.7	1.6	2.4	2.1	2.5	2.7	-	-	2.4	2.2	1.8	1.7		-	-	-	-	-	o,s	26	
27		1.6	1.8	1.7	2.1	1.9	2.2	2.1	1.5	1.9	1.8	2.0	2.1	2.2	2.1	2.1	1.8	1.6	1.8	2.6	1.8	2.7	2.2	2.9	4.2		-	2.2	7.2	1.3	2.9	o,s	27	
28		2.9	2.9	2.2	2.7	1.8	1.8	2.0	1.9	1.8	1.8	[2.1]	2.4	2.6	2.1	2.0	2.1	1.7	1.6	1.3	1.0	0.9	1.0	1.7	2.0		-	2.0	2.0	0.8	4.2	o,s	28	
29		2.1	2.6	2.6	2.7	1.6	1.7	1.7	1.4	1.3	1.4	1.3	1.3	1.4	1.5	1.3	1.2	0.9	0.7	0.7	0.8	0.9	1.0	1.2	1.2		-	1.4	3.9	0.6	2.3	o,s,g	29	
30		1.4	1.6	1.8	1.7	1.7	1.6	1.4	1.3	1.3	1.3	1.4	1.7	1.7	1.7	1.6	1.5	1.2	0.9	0.9	2.2	2.2	2.5	2.7	2.9	2.1		-	1.4	2.8	1.1	2.7	o,hf,s	30
31		2.2	2.3	2.2	2.3	2.3	2.5	2.6	2.2	2.3	2.3	2.4	2.3	2.4	2.5	2.6	1.7	1.3	1.3	1.4	1.5	1.6	2.1	2.3	2.8	2.7		-	2.7	4.1	1.0	2.1	o,r	31
A		2.6	2.9	2.6	3.0	2.6	2.2	1.9	1.6	2.2	2.2	2.4	2.7	2.5	2.2	2.0	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.3	2.3		2.1							
N		2.3	2.6	2.7	2.7	2.6	2.5	2.3	2.0	1.9	2.0	2.1	2.2	2.3	2.2	2.0	1.9	1.7	1.6	1.7	1.8	2.0	2.1	2.1	2.3		2.1							

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

CONDUCTIBILITÉ D'AIR (POSITIVE) $\times 10^{-15} [a^{-1} m^{-4}]$
 AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15} [a^{-1} m^{-4}]$

1980
 THOR - 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		2.0	1.9	2.5	2.9	3.2	2.7	2.4	2.1	2.8	3.1	3.2	3.3	3.2	3.6	3.9	3.8	3.7	3.8	3.7	3.4	3.7	4.2	4.3	4.8	-	3.3	6.2	1.6	4.6	o,r	1		
2		4.8	5.3	5.1	4.2	5.2	5.0	3.2	3.9	4.0	3.4	3.2	3.1	2.8	2.9	2.7	2.4	1.9	2.0	2.1	1.9	2.3	2.6	2.6	2.8	-	3.3	6.1	1.7	4.4	b	2		
3		2.9	3.0	3.2	3.1	3.2	3.3	3.3	3.0	2.9	2.7	[2.5]	[2.8]	3.2	2.7	3.1	2.6	2.8	2.9	3.2	3.0	3.3	3.7	3.6	-	-	3.0	4.4	2.1	2.3	o,r,d	3		
4		3.2	2.9	2.6	2.3	2.5	1.9	1.7	1.6	1.8	2.1	2.0	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	-	-	2.4	4.3	1.1	3.2	o,d,g,m,s	4		
5		4.1	4.1	3.7	4.0	3.5	3.3	3.3	2.5	2.3	2.4	2.2	2.0	1.6	(1.7)	-	1.9	1.6	1.6	1.7	1.5	1.6	1.7	1.8	2.1	-	-	-	-	-	-	o,s	5	
6		2.3	2.3	2.4	1.6	2.0	1.9	1.8	1.7	1.1	1.7	1.8	1.8	1.7	1.7	1.7	1.5	1.4	1.3	1.2	1.3	1.6	1.7	1.7	1.2	-	1.7	2.9	0.8	2.1	o,s	6		
7		2.3	2.3	1.8	1.9	2.0	2.1	2.1	2.0	1.6	1.6	-	1.7	1.9	1.8	1.7	1.7	1.5	1.3	1.1	1.1	1.1	1.1	1.1	1.1	-	-	-	-	-	-	o,f,m	7	
8		1.8	2.1	2.4	2.4	2.2	1.6	1.7	2.0	1.9	1.8	1.6	1.6	1.5	1.1	(1.2)	(1.1)	(0.9)	(1.2)	(1.6)	(1.5)	(1.7)	(1.8)	(1.6)	(2.3)	-	-	(1.7)	2.7	(0.7)	(2.0)	o,m,r	8	
9		(1.8)	(1.7)	(1.4)	0.9	1.0	1.1	1.8	(1.5)	(1.8)	(1.7)	1.9	2.3	2.3	2.2	2.1	2.1	2.1	2.2	2.4	2.7	2.7	2.9	2.1	-	-	-	(2.0)	3.4	0.7	2.7	o,f,m,d,s,g	9	
10		2.0	2.9	2.9	2.7	2.7	2.3	2.1	2.0	2.0	2.0	2.1	2.3	2.3	2.2	1.8	1.4	(1.3)	(1.3)	(1.4)	(1.3)	(1.4)	(1.1)	(1.1)	(1.3)	-	-	(2.0)	3.3	(0.8)	(2.5)	o,g,m	10	
11		(1.3)	(1.5)	-	-	-	1.5	1.5	1.1	1.1	(1.4)	(1.6)	(1.4)	(1.3)	(1.4)	(1.3)	(1.3)	(1.3)	(1.6)	(1.6)	(1.6)	1.6	1.4	1.5	1.8	-	-	-	-	-	-	-	o,f,m,r,d	11
12		2.0	1.8	1.6	1.4	1.7	2.1	2.2	2.0	1.9	1.7	(1.9)	1.8	1.8	1.7	2.0	2.0	2.0	2.2	(2.0)	1.6	1.7	1.9	1.7	1.9	-	1.9	3.0	1.4	1.6	o,r,s,m	12		
13		2.3	2.3	2.2	2.2	2.0	2.0	(1.9)	2.0	1.9	2.0	2.0	2.0	2.3	2.1	1.8	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.7	1.9	-	1.9	2.8	1.3	1.5	o,s	13		
14		1.9	2.0	2.2	2.1	2.0	1.9	1.6	1.7	1.7	1.8	2.0	2.3	2.4	2.0	1.9	1.4	1.1	1.1	1.1	1.3	1.3	1.6	1.7	2.0	-	1.8	2.7	0.9	1.8	o	14		
15		2.0	2.2	2.1	2.3	2.4	1.9	1.6	1.5	1.6	1.5	1.5	1.6	1.7	1.7	1.5	1.6	1.5	1.3	1.2	1.3	1.3	1.4	1.6	2.0	-	1.7	2.9	1.0	1.9	o,f,m,hf	15		
16		2.2	2.3	2.1	2.3	2.1	2.0	2.0	1.7	1.5	1.7	1.8	2.3	2.7	2.6	1.9	1.3	1.1	1.1	1.1	1.4	1.4	2.0	1.8	1.5	1.3	-	1.8	3.1	0.7	2.4	o,r,s,hf	16	
17		1.4	1.6	1.4	1.6	1.4	1.6	1.6	1.9	2.1	1.9	2.4	2.1	2.9	2.1	2.3	1.9	1.7	2.1	3.6	2.8	2.1	2.6	2.9	4.8	-	2.2	5.6	0.7	4.9	o,s,d,f	17		
18		4.5	4.4	4.7	4.8	3.7	4.1	3.8	3.3	2.9	2.7	2.7	2.0	3.1	2.6	1.8	1.4	1.3	1.3	1.6	1.7	1.8	1.8	1.8	2.0	-	2.8	5.6	1.1	4.5	o,d,g	18		
19		2.1	2.1	2.3	2.5	2.1	2.0	1.9	1.9	2.1	2.1	(3.2)	2.5	2.6	2.8	3.6	(2.5)	-	-	-	1.5	1.6	2.0	1.8	1.7	1.5	-	-	-	-	-	-	o	19
20		1.7	1.6	1.4	1.4	1.1	1.2	1.2	1.2	2.1	2.4	2.7	3.1	2.8	2.7	2.7	2.4	1.8	1.2	1.1	0.9	0.8	0.8	0.8	1.7	-	1.7	3.7	0.8	2.9	c,hf	20		
21		1.8	2.1	2.0	2.1	2.1	2.0	1.8	1.7	1.6	1.6	1.6	1.8	2.4	2.5	3.1	2.6	(1.8)	(1.6)	(1.4)	(1.3)	(1.6)	(1.7)	(1.6)	(2.0)	-	-	(1.9)	5.0	(1.3)	(3.7)	o,hf,s	21	
22		(2.1)	(2.3)	(2.5)	(2.3)	(2.2)	(2.2)	(1.9)	2.2	2.1	1.9	2.2	2.3	2.7	2.7	2.3	2.2	2.0	2.2	2.1	2.4	2.7	2.7	3.0	2.3	-	-	(2.4)	4.1	(1.5)	(2.6)	o,hf,m,g	22	
23		3.7	4.0	3.6	3.4	3.6	2.8	2.8	-	(2.8)	2.4	2.5	2.6	2.6	3.1	2.2	2.1	1.9	1.9	1.8	2.0	2.3	2.3	2.4	2.4	-	-	-	-	-	-	-	o,g	23
24		2.4	2.6	2.8	2.4	2.1	1.9	1.4	1.1	1.4	1.7	1.8	1.8	2.1	2.2	2.1	2.3	2.3	2.1	2.0	2.0	2.0	2.2	2.3	3.0	-	2.1	3.4	0.7	2.7	o,f,hf,g	24		
25		3.3	3.6	3.9	4.0	3.6	2.4	2.3	2.0	2.3	2.6	2.3	2.2	1.9	2.3	2.1	2.2	1.8	2.0	2.0	2.7	3.0	3.2	3.3	3.0	-	2.6	5.5	1.4	4.1	o,hf,m,g	25		
26		3.2	3.1	2.8	2.7	3.0	2.8	2.9	2.7	2.8	2.8	3.2	3.6	3.4	4.1	3.5	3.4	2.6	(1.8)	1.4	2.0	1.4	1.3	2.0	3.3	-	2.7	5.1	1.1	4.4	o,hf,g	26		
27		3.4	3.7	3.7	4.2	3.4	3.1	2.0	2.6	-	-	-	4.9	4.9	4.8	4.2	3.4	3.3	3.0	2.6	2.7	2.9	2.7	3.8	3.3	-	-	-	-	-	-	-	o,g,s	27
28		4.3	4.7	3.3	3.2	2.4	2.0	1.7	1.8	2.4	3.4	3.9	2.9	2.8	3.0	3.7	3.7	3.7	3.7	2.7	2.7	2.1	2.6	1.6	1.6	2.6	-	2.8	5.6	1.3	4.3	o,g	28	
29		3.6	3.4	3.6	3.3	3.3	3.3	3.3	3.3	3.1	2.9	2.5	2.4	2.5	2.4	2.3	2.3	2.0	1.7	1.6	1.7	1.6	1.6	1.6	1.6	-	-	2.5	4.5	1.4	3.1	o,s	29	
A		3.1	3.6	3.2	2.6	3.0	2.7	2.2	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.0	1.5	1.4	1.4	1.4	1.7	1.7	1.7	2.2	-	2.3	-	-	-	-	-		
N		2.7	2.8	2.7	2.7	2.5	2.3	2.2	2.1	2.1	2.2	2.3	2.4	2.4	2.4	2.3	2.1	(1.9)	(1.9)	(1.9)	(1.9)	2.0	2.0	2.2	2.5	-	2.3	-	-	-	-	-		

Mars - March

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

1980
 TMOZ - GME

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		1.6	2.0	2.4	2.7	3.4	2.9	2.9	2.7	2.4	2.3	1.8	2.3	2.5	2.0	2.2	2.3	2.3	2.3	2.4	2.4	3.2	2.8	4.2	4.2		-	2.6	4.6	1.3	2.3	o,s,r	1	
2		4.5	5.2	5.9	7.2	6.3	6.2	5.2	4.8	4.3	4.6	4.4	4.3	4.6	4.4	4.7	4.4	4.3	5.0	2.6	2.6	2.3	2.7	3.3	2.9		-	4.2	7.9	1.7	6.2	o,s,s	2	
3		-	-	-	-	-	-	-	-	-	4.1	4.1	4.3	4.2	-	4.5	-	4.9	3.6	3.3	3.5	2.8	2.6	2.6	2.9		-	-	-	-	-	o,s,r,wind	3	
4		3.1	2.5	2.4	2.6	2.9	2.6	2.2	2.3	2.9	2.2	2.3	3.4	2.7	2.7	2.7	2.3	2.1	1.7	1.4	1.4	2.3	2.8	2.1		-	2.6	6.1	1.3	4.8	o,s,wind	4		
5		2.0	2.2	2.0	2.3	2.4	1.9	(1.7)	(1.5)	1.6	1.8	(2.0)	2.2	2.6	2.7	2.8	2.2	2.1	1.7	1.6	1.4	1.1	1.3	2.0		-	2.0	4.1	1.0	3.1	o,s	5		
6		2.4	2.2	2.6	2.6	2.1	2.1	2.0	(2.0)	2.1	2.3	-	-	2.4	2.3	2.2	2.2	2.0	2.0	2.3	2.3	2.5	2.6	2.6	2.4		-	-	-	-	-	b	6	
7		2.6	2.7	2.8	2.7	2.7	2.3	2.0	2.6	2.7	2.9	3.2	3.0	2.9	3.1	2.8	2.3	2.2	2.3	2.3	2.3	2.3	2.5	2.6		-	2.6	3.4	1.7	1.7	o,r	7		
8		2.8	3.0	3.2	3.2	3.2	3.2	3.4	2.7	2.8	2.7	2.8	2.4	1.7	1.9	2.4	2.5	2.4	2.9	2.9	2.8	2.6	2.7	2.3		-	2.7	3.9	1.4	2.5	o,d,r	8		
9		2.6	3.2	3.2	3.2	3.1	3.0	3.0	2.9	3.1	3.2	3.3	3.5	3.7	3.4	3.2	2.9	2.9	3.6	2.1	2.1	2.0	2.0	2.0	2.0		-	2.8	4.1	1.8	2.3	o,r,s	9	
10		2.1	2.1	2.3	2.3	2.1	2.0	2.1	2.2	2.5	2.7	2.9	2.9	3.6	3.3	3.0	2.9	2.9	2.9	-	-	(3.2)	3.3	3.4	3.3		-	-	-	-	-	o,s,g	10	
11		3.2	2.8	2.9	2.8	2.6	2.6	3.4	2.7	2.7	2.9	3.3	3.2	3.1	3.1	2.7	2.4	3.0	1.8	2.1	2.2	2.3	2.4	2.7		-	2.7	3.8	1.5	2.3	o,g	11		
12		2.7	2.8	2.7	2.7	2.3	2.4	2.0	2.3	2.9	3.2	3.2	3.2	3.2	2.9	2.7	2.5	2.5	3.0	2.2	3.2	3.3	3.3	3.6		-	2.9	3.8	1.8	2.0	o,g	12		
13		2.6	3.5	3.6	3.4	3.4	3.1	3.0	2.9	2.9	3.0	3.0	3.2	2.4	3.4	3.3	3.0	2.8	2.9	2.7	2.6	2.4	2.4	2.6		-	3.0	3.9	2.2	1.7	o,g	13		
14		2.6	2.7	2.7	2.6	2.4	2.3	2.3	2.4	2.6	2.6	(2.6)	-	2.7	2.3	2.4	2.8	3.2	3.3	3.3	3.0	2.9	2.6	2.5	2.7		-	-	-	-	-	b,wind	14	
15		2.6	2.6	2.7	2.6	2.5	2.3	2.3	2.4	2.4	2.6	2.6	2.7	2.6	2.4	2.4	2.3	2.3	2.5	2.6	2.9	3.1	3.0	2.8		-	2.6	3.3	2.0	1.3	o	15		
16		2.9	3.0	3.1	3.0	2.7	2.5	2.4	2.4	2.4	2.6	2.6	3.0	3.3	2.9	2.7	2.4	1.9	2.1	2.3	2.7	2.7	2.7	2.9		-	2.7	3.6	1.7	1.9	o	16		
17		2.9	2.9	2.8	2.5	2.5	2.3	2.6	2.6	2.6	2.8	2.3	2.9	2.7	2.6	2.4	2.2	1.7	1.6	1.8	1.9	1.8	1.8	2.2	2.3		-	2.4	3.7	1.3	2.4	o	17	
18		2.3	2.3	2.3	2.0	2.1	2.1	2.3	2.6	2.7	2.9	2.9	2.8	2.6	2.4	2.4	2.1	1.9	2.4	2.6	2.7	3.2	3.4	3.4	3.5		-	2.6	3.9	1.7	2.2	o,hf	18	
19		3.6	-	-	3.2	2.7	2.3	2.4	2.3	2.3	2.6	2.6	2.7	2.7	2.7	2.8	2.7	2.5	2.4	2.3	2.1	2.2	2.5	2.7		-	-	-	-	-	-	o,g	19	
20		2.7	3.0	2.9	2.6	2.1	2.0	2.3	2.6	2.7	3.0	2.9	3.0	2.9	2.7	(2.3)	2.4	2.1	2.0	2.0	2.0	2.1	2.2	2.4	2.4		-	2.5	3.5	1.8	1.7	b,hf	20	
21		2.3	2.5	2.7	2.4	2.4	2.3	2.7	2.9	2.9	2.9	2.7	2.3	2.6	2.9	2.7	2.3	2.2	2.1	2.0	1.7	2.0	2.6	2.5	2.9		-	2.5	3.7	1.7	2.0	o,hf	21	
22		3.0	3.0	3.0	2.6	2.3	2.7	3.0	3.0	3.0	3.3	3.0	3.3	3.0	3.4	3.0	2.6	2.4	2.3	2.4	2.3	2.6	2.9	3.2	3.3		-	2.9	4.5	2.0	2.5	b,hf	22	
23		3.2	3.6	3.5	3.1	3.3	3.1	2.9	3.0	3.0	3.1	3.6	3.8	3.7	3.5	3.6	3.6	3.5	3.7	3.2	-	3.7	3.7	3.6	3.5	3.4		-	-	-	-	-	o	23
24		1.6	3.7	3.6	3.5	3.2	3.0	2.9	2.9	2.7	2.6	2.6	2.5	(2.4)	-	3.1	1.8	1.9	1.9	1.7	1.8	2.4	2.5	2.6	2.8		-	-	-	-	-	-	o,g	24
25		2.7	2.7	2.6	2.6	2.5	2.4	2.1	2.0	2.1	2.1	2.1	2.1	2.2	2.2	1.9	1.8	1.6	1.5	1.7	1.9	2.1	2.2	2.3	2.5		-	2.2	3.2	1.3	1.9	o,s,g	25	
26		2.5	2.5	2.3	2.3	2.1	2.0	2.0	1.9	1.8	1.8	1.8	2.1	2.1	2.3	1.8	1.6	1.4	1.2	1.2	1.0	0.9	0.9	0.9	1.0		-	1.7	2.9	0.7	2.2	o,s,r,f	26	
27		1.0	1.3	1.3	1.3	1.4	1.4	1.1	1.6	1.6	2.2	3.0	2.9	2.9	3.2	2.9	2.7	2.4	2.4	2.3	2.3	2.4	2.6	2.7		-	2.1	3.6	0.9	2.7	o,f,s,hf	27		
28		2.7	2.7	2.6	2.9	2.9	2.3	2.4	3.0	3.1	3.3	2.9	2.9	2.8	2.6	2.6	2.5	2.2	2.1	2.0	2.0	2.3	2.3	2.2		-	2.6	3.4	1.4	2.0	o,r	28		
29		2.0	2.1	1.9	1.8	-	-	-	1.8	1.9	2.3	2.3	2.3	2.3	-	2.2	2.4	1.6	1.4	1.0	1.2	1.3	1.4	1.9	1.5	1.3		-	-	-	-	-	o,r,f,m	29
30		1.2	1.1	1.3	1.4	1.6	1.4	1.5	2.6	2.9	3.9	3.2	3.0	3.2	3.6	4.6	3.3	3.5	3.7	4.3	4.1	1.9	3.9			-	2.9	5.2	1.0	4.2	o,s,r	30		
31		4.6	4.3	4.3	3.9	4.2	4.0	3.4	3.7	4.6	4.3	4.8	4.9	4.8	4.4	4.8	3.9	3.8	3.3	3.3	3.2	2.4	2.3	3.0	2.4		-	3.9	8.0	1.3	6.7	o,r	31	
A		2.8	2.7	2.7	2.6	2.5	2.3	2.3	2.4	2.7	3.0	3.0	3.0	3.0	2.9	2.7	2.5	2.4	2.4	2.5	2.3	2.4	2.5	2.6	2.7		2.6							
N		2.7	2.8	2.8	2.8	2.7	2.6	2.5	2.6	2.7	2.9	2.9	3.0	3.0	2.9	2.9	2.6	2.5	2.4	2.3	2.3	2.4	2.6	2.7	2.7		2.7							

Mai - May

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

1900
 MSR - GHT

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date		
1		-	4.5	5.1	5.0	5.1	4.9	4.8	4.5	4.7	4.8	4.9	4.8	4.8	4.9	4.8	4.7	5.2	4.8	4.4	5.1	5.9	6.3	7.7	7.7	-	-	-	-	-	o,d	1			
2		8.4	8.1	7.8	7.6	7.4	7.6	7.8	8.3	7.6	7.0	6.9	7.0	6.5	5.5	5.2	5.0	5.0	5.0	5.3	5.9	6.1	6.3	6.9	7.0	-	-	6.7	10.1	4.5	5.6	o,d	2		
3		6.5	5.9	6.0	5.6	5.2	5.4	6.9	7.2	7.4	7.2	6.9	6.8	5.6	5.3	5.7	6.0	5.5	5.4	5.6	5.3	5.3	5.3	5.3	5.3	-	-	5.0	8.0	0.7	7.3	o	3		
4		1.7	2.2	2.3	2.6	3.2	2.7	2.1	2.2	2.9	2.7	4.8	4.5	4.0	4.6	4.1	4.4	4.8	5.6	5.1	4.7	2.0	2.0	2.2	2.0	-	-	5.3	6.2	1.4	4.8	o	4		
5		2.2	2.1	1.7	1.6	1.7	2.6	3.4	2.8	3.2	3.0	3.2	3.4	3.3	4.2	4.6	4.6	4.5	4.1	3.7	3.1	2.6	2.4	2.3	2.6	-	-	3.1	5.0	1.3	3.7	o,hf	5		
6		2.2	1.9	2.0	1.9	2.2	2.6	3.8	2.7	3.6	3.9	4.5	4.3	4.3	4.5	4.8	4.9	4.6	3.6	2.3	2.0	2.7	4.0	5.1	5.1	-	-	3.5	6.5	1.5	5.0	o	6		
7		4.8	4.2	4.1	3.6	3.7	3.2	3.2	3.2	3.5	3.4	2.8	3.3	3.8	4.0	3.7	3.3	2.7	2.2	2.3	2.5	2.7	3.1	3.1	3.1	-	-	3.3	5.7	1.9	3.8	o,d,m	7		
8		2.6	2.7	3.3	3.3	3.0	2.4	2.3	4.7	4.5	4.3	3.6	3.5	4.0	3.5	3.0	3.2	3.6	3.2	2.0	1.7	1.5	1.6	1.5	1.4	-	-	3.0	7.6	1.1	6.5	o	8		
9		1.4	1.6	1.6	1.8	2.6	3.0	3.4	3.9	4.1	4.2	4.2	4.0	4.2	4.2	4.8	4.2	3.8	-	-	-	3.1	6.8	6.2	6.9	-	-	-	-	-	-	o,x,t	9		
10		5.7	6.1	6.4	6.2	5.8	5.7	6.6	3.3	5.0	4.4	5.9	3.6	4.5	4.5	4.8	4.9	5.0	4.7	4.7	4.7	4.1	4.7	4.1	-	-	-	3.2	7.8	3.0	4.8	o	10		
11		4.2	4.6	4.5	3.6	4.8	5.0	-	4.1	3.9	3.4	4.2	4.2	3.0	4.8	3.8	3.8	3.9	3.8	6.3	6.8	5.9	3.5	3.5	6.9	-	-	-	-	-	-	o,hf	11		
12		7.6	7.0	6.8	5.5	5.3	5.0	4.8	4.0	2.7	4.4	4.4	4.6	-	-	3.6	4.0	4.2	4.6	5.4	4.7	3.4	3.4	3.0	3.9	-	-	-	-	-	-	o,hf	12		
13		5.1	6.1	7.0	5.6	3.9	4.6	-	-	-	-	-	-	-	-	-	-	-	-	3.5	1.6	1.3	1.3	1.8	2.5	-	-	-	-	-	-	o,hf,r	13		
14		2.7	2.9	2.7	3.3	3.3	3.9	4.5	(4.8)	-	-	-	-	-	-	4.8	3.3	4.9	4.3	3.3	1.7	1.6	1.6	1.7	1.8	-	-	-	-	-	-	o,hf,r	14		
15		2.1	2.0	2.1	2.6	3.0	3.3	3.2	4.1	-	-	-	-	3.0	4.9	-	5.0	5.4	3.3	3.5	3.5	1.7	2.0	2.0	1.6	1.4	-	-	-	-	-	o,hf	15		
16		1.6	1.5	1.6	1.9	2.1	3.2	3.9	4.9	4.6	3.9	4.3	4.8	3.4	5.2	5.0	4.9	3.0	5.0	3.4	2.9	2.2	2.5	2.6	3.1	-	-	3.6	8.4	1.3	7.1	o,hf	16		
17		3.6	4.0	4.6	3.6	2.6	2.2	2.1	2.3	2.3	2.6	3.3	4.2	4.5	4.1	3.9	3.8	4.1	3.9	3.2	3.9	4.1	4.6	4.3	-	-	-	3.5	6.0	1.7	4.3	o,m,r	17		
18		4.0	4.0	3.8	3.5	3.5	2.9	3.7	3.7	4.3	4.8	3.0	3.6	3.6	3.4	3.4	3.8	3.6	3.0	3.4	2.0	1.6	1.5	1.4	1.6	-	-	3.9	7.2	0.9	6.3	o,r	18		
19		1.6	1.5	1.6	1.9	2.6	2.7	3.3	3.7	3.4	3.2	3.2	3.6	4.8	5.2	5.2	5.3	3.8	8.1	5.0	5.5	5.0	6.4	6.9	-	-	-	4.3	8.7	1.4	7.3	o,r	19		
20		6.9	4.7	3.9	3.5	6.5	7.2	7.2	7.1	6.2	7.6	7.5	6.4	6.5	6.7	6.2	6.3	3.6	4.8	4.2	1.9	1.6	1.4	1.5	1.4	-	-	-	5.2	8.9	1.1	7.8	o	20	
21		1.7	1.7	2.0	2.2	2.4	2.4	2.6	4.2	3.2	3.4	3.2	3.3	3.1	3.2	3.3	3.4	3.3	4.5	4.6	4.5	3.0	3.4	6.4	-	-	-	-	-	-	-	o,r	21		
22		6.2	5.9	6.5	5.8	5.3	5.1	4.9	4.3	4.2	3.7	6.1	5.7	5.7	5.4	4.8	6.1	5.2	5.8	5.3	3.2	2.1	2.3	2.3	2.6	-	-	-	4.9	8.7	1.9	6.8	o	22	
23		2.6	2.5	2.6	2.7	2.7	3.9	4.6	3.8	4.5	3.4	3.0	3.1	3.2	3.0	3.2	3.7	4.3	4.5	2.7	1.6	1.7	3.3	4.6	3.2	-	-	-	3.4	7.2	1.4	5.8	o,hf	23	
24		4.5	4.4	4.5	4.5	4.0	3.7	3.8	3.8	3.5	3.3	3.0	2.8	3.0	3.3	3.1	3.3	3.6	4.2	4.0	3.2	5.6	5.8	6.2	4.8	-	-	-	4.1	7.8	2.5	5.3	o,r	24	
25		4.1	3.0	3.4	4.2	4.0	5.0	3.5	4.9	4.5	4.0	3.9	3.4	3.3	3.3	3.3	3.6	4.1	4.8	4.2	3.4	2.8	2.6	2.2	5.1	-	-	-	3.9	7.2	2.3	4.9	o	25	
26		4.9	4.9	4.8	4.3	4.5	4.4	4.0	4.0	3.7	3.8	3.5	3.4	4.0	4.5	4.7	3.4	5.1	5.5	3.0	3.0	3.2	3.5	3.9	4.9	-	-	-	4.4	7.1	2.9	4.2	o,r	26	
27		5.2	5.3	4.1	3.9	3.7	3.1	3.2	3.2	3.9	4.0	3.7	4.0	4.8	4.9	4.5	4.2	3.6	3.6	3.6	3.4	3.9	4.7	5.1	5.1	-	-	-	4.1	7.5	2.7	4.8	o	27	
28		3.3	5.1	4.4	4.1	3.9	3.9	3.9	4.0	4.2	3.8	4.0	4.2	3.4	3.7	3.5	3.8	3.9	3.9	3.8	4.8	4.6	3.2	4.3	3.6	-	-	-	4.1	8.1	1.4	6.7	o,r	28	
29		2.7	3.8	3.3	3.3	3.9	3.9	3.8	3.9	3.4	4.9	3.3	3.9	5.2	4.9	5.1	4.5	3.0	2.7	3.3	4.1	3.8	2.9	3.3	-	-	-	-	4.1	7.7	0.8	6.9	o,r,1	29	
30		3.5	3.3	3.3	3.9	3.7	3.6	4.1	4.0	3.3	3.2	3.6	3.7	4.4	4.3	3.2	3.7	4.1	2.3	3.2	3.2	2.5	2.6	2.1	2.0	-	-	-	3.4	5.0	1.2	3.8	o,1	30	
31		2.5	3.1	3.3	3.5	3.6	3.9	3.9	3.9	3.9	4.0	3.8	3.9	4.0	3.6	3.8	3.0	3.0	3.5	3.4	3.4	3.4	3.3	3.9	3.9	4.0	-	-	-	3.5	4.8	2.3	2.5	o,r	31
A		4.0	3.9	4.3	3.8	3.6	4.0	4.2	4.4	4.4	4.1	4.0	3.6	3.6	4.0	4.0	4.5	4.7	4.7	4.2	3.2	3.1	3.0	3.3	3.7	-	-	3.9							
N		4.0	3.9	3.9	3.8	3.8	4.0	4.3	4.5	4.4	4.4	4.5	4.4	4.4	4.5	4.5	4.6	4.6	4.5	3.9	3.5	3.3	3.4	3.7	3.7	-	-	4.1							

Juin - June

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

1980
 TMOx - 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	4.6	4.9	5.5	5.0	-	-	-	5.8	4.8	4.3	5.1	4.3	3.9	4.4	6.2	5.6	4.9	4.6	5.5	6.2	6.6	4.1	4.5	4.3	-	-	-	-	-	-	o,r,wind	1	
2	3	4.2	3.7	4.2	5.5	6.3	3.8	3.3	3.5	3.7	3.4	3.4	4.6	4.7	5.3	4.5	4.3	3.5	3.5	3.0	2.8	2.6	2.6	2.5	2.4	-	-	3.8	7.3	2.1	5.2	o,r,d	2	
3	5	2.5	2.8	3.5	2.9	2.7	2.7	2.9	3.3	3.3	4.0	4.3	4.2	3.9	3.6	3.6	3.8	4.1	3.7	3.3	3.1	2.8	3.2	3.4	4.2	-	-	3.4	5.9	2.3	3.6	o,d,r	3	
4	4	5.2	4.6	4.3	3.8	3.2	2.6	2.6	2.9	3.2	3.5	3.3	3.2	4.3	4.3	4.8	4.5	4.5	3.0	4.6	3.7	3.5	4.9	3.2	4.2	-	-	44.0	9.3	2.1	7.2	o,r,d,m	4	
5	5	4.0	4.8	5.4	5.3	5.3	5.2	4.9	5.1	4.5	4.6	5.0	5.3	6.2	6.2	5.7	5.5	5.2	5.2	5.0	4.6	4.9	4.4	5.2	5.1	-	-	5.1	7.1	3.6	3.5	o,r,wind	5	
6	6	5.6	5.8	5.9	5.1	4.5	5.1	4.7	4.2	4.2	4.8	5.6	5.9	5.3	4.9	4.6	4.6	4.7	4.2	3.2	3.1	2.4	2.6	3.7	2.9	-	-	4.5	7.5	11.7	5.8	o,r	6	
7	7	2.4	2.4	2.6	3.0	3.3	3.5	3.4	(3.8)	(4.9)	5.0	5.9	5.5	4.8	4.7	6.1	5.0	5.1	4.9	(2.7)	1.8	-	-	-	-	-	-	-	-	-	-	-	c,r,l	7
8	8	-	(2.8)	2.9	4.0	4.8	5.2	4.7	5.5	5.7	5.4	2.2	5.2	2.2	5.5	5.9	6.2	-	-	-	-	-	2.9	3.7	3.2	-	-	-	-	-	-	-	o	8
9	9	4.0	3.5	3.3	4.1	3.7	4.2	-	-	4.8	5.0	5.3	5.3	5.1	4.8	5.4	4.7	4.9	5.0	3.7	3.4	3.2	3.3	3.7	4.5	-	-	-	-	-	-	-	o	9
10	10	4.3	3.9	5.0	5.3	4.9	4.6	4.2	5.1	(2.4)	3.8	4.3	3.9	4.4	(4.5)	-	3.7	3.6	4.0	4.0	3.0	3.6	4.3	4.0	4.1	-	-	-	-	-	-	-	o,t,r	10
11	11	4.0	3.5	3.2	3.4	4.0	4.3	4.3	4.0	4.1	3.0	2.7	2.9	2.7	2.0	2.7	2.5	3.5	3.5	4.2	-	3.9	3.0	3.0	3.2	-	-	-	-	-	-	-	o,l,r	11
12	12	2.8	2.7	2.7	3.0	2.9	2.9	3.1	3.1	3.4	3.5	3.2	3.2	3.4	4.0	4.0	3.6	3.9	4.2	2.8	3.3	3.0	3.3	3.0	3.4	-	-	3.3	6.4	2.3	4.1	o,r,l	12	
13	13	3.3	3.1	3.7	4.5	2.1	4.1	4.2	4.5	2.8	2.2	2.5	2.4	2.5	2.7	2.9	3.0	3.3	4.0	3.9	3.5	3.2	2.6	2.5	2.4	-	-	3.3	6.2	0.6	5.6	o	13	
14	14	2.0	2.0	2.2	2.4	3.0	3.1	3.7	4.2	4.2	2.8	3.0	3.0	2.8	3.1	3.2	3.2	2.4	4.1	3.6	3.4	3.3	3.9	4.2	4.3	-	-	3.3	3.3	1.6	3.7	t	14	
15	15	4.1	3.7	3.5	4.0	4.3	4.3	3.9	3.6	3.6	3.6	3.5	3.3	3.2	3.1	3.2	2.9	(2.7)	-	-	-	2.6	3.2	3.5	3.5	-	-	-	-	-	-	-	o,t,r	15
16	16	2.1	2.8	2.2	2.2	2.1	2.7	5.2	4.9	5.1	4.7	4.1	4.8	(2.5)	2.6	4.8	2.5	3.5	3.8	2.5	3.5	3.7	3.9	4.2	4.3	-	-	4.9	8.2	2.3	5.9	o,r,d	16	
17	17	4.6	4.5	4.5	4.3	4.0	4.7	4.7	5.0	4.8	5.0	4.7	4.4	4.9	4.5	4.7	5.3	5.8	5.8	4.7	2.8	2.0	1.6	1.6	1.6	-	-	4.2	9.6	1.2	8.4	o,d	17	
18	18	1.9	2.4	2.4	2.7	2.2	3.2	4.2	4.7	4.6	4.3	3.6	3.4	3.0	3.3	4.0	4.0	3.7	3.8	-	-	-	4.8	4.0	3.0	-	-	-	-	-	-	-	o,r	18
19	19	2.8	2.9	2.7	2.5	3.0	3.2	3.3	3.3	3.0	2.6	2.9	3.1	3.0	2.9	3.1	3.2	3.1	(2.0)	2.7	2.4	1.5	1.4	1.8	2.0	-	-	2.7	4.3	0.9	3.4	o,r	19	
20	20	1.8	1.6	1.7	1.8	1.8	2.1	2.6	2.8	2.9	2.9	2.9	2.9	3.2	3.3	3.4	3.0	2.9	3.2	3.4	4.1	3.0	2.7	2.6	2.6	-	-	2.7	5.1	1.4	3.7	o,r	20	
21	21	2.8	3.1	3.0	-	-	-	3.6	2.9	2.6	2.3	-	3.0	2.9	2.9	3.1	3.2	3.3	3.3	3.1	2.7	2.3	2.4	2.9	3.1	-	-	-	-	-	-	-	o	21
22	22	3.1	3.0	2.9	3.0	3.4	3.1	3.3	3.3	3.2	2.7	2.9	2.8	3.3	3.7	-	7.2	4.6	4.5	4.2	4.4	4.7	4.4	3.0	3.4	-	-	-	-	-	-	-	o,r,l,wind	22
23	23	3.2	2.5	2.2	2.4	(3.1)	-	3.3	-	-	2.7	3.0	2.9	2.8	2.8	2.7	2.7	2.9	2.9	2.9	3.2	3.4	3.4	-	3.7	-	-	-	-	-	-	-	o,t,r	23
24	24	3.3	4.0	4.0	3.6	2.8	2.7	2.9	2.7	-	-	-	-	-	-	4.1	3.4	3.1	2.2	2.0	2.2	2.2	2.0	2.0	2.2	-	-	-	-	-	-	-	o,m,f,r	24
25	25	2.0	2.3	2.4	2.5	2.6	2.6	3.2	3.3	3.6	3.5	3.6	3.7	3.6	-	-	4.8	3.1	2.4	1.9	2.1	2.0	2.0	2.3	2.3	-	-	-	-	-	-	-	o,r,m	25
26	26	2.7	3.0	2.7	2.6	2.7	2.9	2.7	2.7	2.9	2.1	3.2	3.3	3.9	4.1	4.0	3.8	4.1	(4.8)	3.0	2.3	1.7	1.4	1.4	1.4	-	-	-	3.0	6.9	1.0	3.9	o	26
27	27	1.8	2.0	2.0	2.0	2.3	2.8	3.1	2.7	2.6	3.7	3.4	3.0	2.6	-	3.3	3.2	3.6	3.4	2.4	3.1	2.4	2.3	2.3	2.3	-	-	-	-	-	-	-	o,l,r	27
28	28	2.4	2.3	2.4	2.3	2.1	2.2	2.8	2.9	3.2	3.2	3.3	3.3	3.3	3.6	3.6	3.6	4.0	4.1	4.0	4.8	3.5	2.9	2.4	2.7	-	-	3.1	7.9	1.8	6.1	o,r	28	
29	29	2.3	1.8	2.4	2.7	3.1	3.2	3.2	3.3	3.2	3.6	3.6	3.6	3.6	3.7	4.1	4.0	4.0	3.8	3.7	4.1	4.2	4.3	4.2	-	-	-	3.5	4.9	1.3	3.6	o,r	29	
30	30	2.9	4.3	4.0	3.9	4.1	3.8	3.7	3.7	3.9	4.1	4.0	3.6	3.6	3.7	3.6	3.7	3.6	3.2	-	-	4.0	2.4	2.6	3.0	-	-	-	3.7	4.8	2.2	2.6	o,r	30
A		3.4	3.1	3.3	3.6	3.9	3.8	3.7	3.7	3.7	3.6	3.3	3.3	3.2	3.1	3.0	2.8	3.9	4.0	3.8	3.3	3.1	3.0	3.0	3.4	-	-	3.5	-	-	-	-	-	
N		3.3	3.3	3.5	3.6	3.7	3.6	3.6	3.8	3.8	3.7	3.8	3.8	3.8	3.9	4.1	4.0	4.0	4.0	3.6	3.4	3.3	3.2	3.3	3.3	-	-	3.6	-	-	-	-	-	

Juillet - July

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

1980
EMOR - 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	3.6	4.1	4.6	4.6	4.2	4.2	4.2	4.0	4.2	4.1	4.6	4.3	4.5	4.1	4.0	3.6	3.4	3.6	2.6	1.6	1.4	1.7	1.6	1.6	-	-	3.5	3.4	1.3	4.1	0.8		1		
	2	14.5	14.9	2.1	2.5	2.9	2.6	3.0	3.1	3.2	3.3	3.8	4.1	4.5	3.9	3.9	3.6	3.6	3.2	3.2	3.0	2.5	3.0	2.2	-	-	-	3.1	3.6	1.3	4.3	0.8		2		
	3	28.0	28.1	28.4	28.6	28.3	28.8	3.4	3.5	3.2	3.0	3.0	3.1	3.2	3.1	3.0	3.5	3.6	3.2	3.2	2.9	2.7	2.6	2.3	-	-	-	2.9	4.6	1.6	3.0	0.8, 1		3		
	4	28.6	28.8	3.1	28.9	28.8	3.0	3.4	3.6	3.8	(3.9)	(3.7)	3.3	3.4	3.7	4.0	4.3	3.7	2.6	3.3	3.9	3.7	3.3	3.1	-	-	-	3.4	4.8	2.1	2.7	0.8		4		
	5	3.2	4.5	4.5	3.7	3.3	3.7	3.2	3.2	4.5	3.6	3.7	4.1	3.9	3.7	3.4	3.7	4.2	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8, f, m		5	
	6	-	-	-	-	-	-	-	-	4.9	4.8	3.3	3.5	-	-	3.9	3.3	2.4	2.0	4.0	3.8	3.0	2.4	2.7	2.7	-	-	-	-	-	-	-	-	0.8, m, t, r		6
	7	2.7	2.1	2.1	2.4	3.2	3.2	3.0	3.3	3.3	3.4	3.3	3.4	4.1	4.2	4.3	4.4	4.6	4.1	(2.9)	2.2	2.0	3.0	4.2	4.5	-	-	3.3	6.2	1.4	4.8	0		7		
	8	-	2.7	14.8	2.2	2.4	3.2	3.4	3.7	3.6	3.7	3.6	3.4	3.3	3.6	3.4	3.3	3.8	3.4	2.8	3.0	3.3	3.9	3.6	-	-	-	-	-	-	-	-	0.8		8	
	9	3.5	4.0	4.1	3.8	4.3	3.7	4.2	-	4.2	4.0	3.6	3.5	3.0	3.0	2.9	2.8	2.4	-	2.8	2.6	2.7	2.7	3.0	2.7	-	-	-	-	-	-	-	0.8, 1		9	
	10	3.0	2.9	2.7	3.3	3.2	3.9	3.6	3.0	-	-	4.3	4.4	-	-	3.4	3.3	3.0	3.0	2.9	3.2	3.2	3.8	4.2	4.6	-	-	-	-	-	-	-	0.8, 1, wind		10	
	11	3.0	3.0	4.2	4.8	4.8	4.5	4.2	4.0	(3.9)	3.9	3.7	3.9	4.0	4.1	4.3	4.3	3.8	4.3	4.1	3.5	3.3	3.3	3.4	3.6	-	-	4.1	3.5	2.8	2.7	0.8, wind		11		
	12	3.6	2.9	2.9	3.0	2.7	3.0	3.3	3.7	3.9	3.6	3.9	4.0	3.9	4.0	(3.9)	3.3	3.0	3.4	3.0	2.4	3.0	3.7	3.9	4.2	-	-	3.4	(5.6)	1.5	(4.1)	0.8, 1		12		
	13	4.0	4.3	4.5	4.8	4.5	3.0	4.1	4.2	4.5	4.3	4.6	4.9	4.7	3.4	3.7	3.6	4.1	4.0	4.6	3.9	4.6	4.6	4.1	-	-	-	4.3	6.2	3.1	3.1	0.8		13		
	14	3.6	3.3	3.1	3.0	3.3	3.3	3.7	-	3.7	3.6	3.6	3.6	3.8	4.1	4.2	4.1	4.2	4.2	4.2	3.0	3.0	3.7	3.9	2.5	-	-	-	-	-	-	-	0		14	
	15	2.5	2.8	2.5	2.4	3.0	3.0	3.7	3.6	3.9	3.7	-	-	-	-	3.1	3.1	2.6	-	-	2.1	1.8	1.8	1.8	-	-	-	-	-	-	-	-	0.8, 1, r, h, m		15	
	16	2.1	2.8	1.8	1.8	2.1	3.0	3.4	3.8	(4.6)	4.5	4.4	4.2	3.1	3.0	3.2	3.7	3.2	3.5	3.2	2.7	2.7	2.8	2.6	2.3	-	-	3.1	4.8	1.4	3.4	0.8, 1		16		
	17	2.4	2.4	2.7	3.0	3.1	3.1	3.4	3.6	3.6	3.6	3.7	3.9	3.8	3.3	3.3	3.5	3.4	3.1	3.1	3.5	3.7	3.3	3.1	3.1	-	-	3.3	4.3	2.3	2.0	0		17		
	18	3.4	3.6	4.1	3.3	3.1	2.9	2.9	3.1	2.9	3.0	2.9	2.7	2.6	2.4	2.3	2.4	2.4	2.9	2.5	2.6	2.7	2.7	2.3	2.2	-	-	2.8	5.0	1.8	3.2	0.8		18		
	19	2.5	2.6	3.0	3.0	2.9	2.9	(3.3)	3.6	3.9	3.3	3.1	4.1	3.0	4.5	4.3	4.0	4.0	(4.1)	3.4	3.9	3.0	3.5	3.6	3.5	-	-	3.5	3.9	2.3	3.6	0.8		19		
	20	2.7	3.3	4.0	3.6	3.3	3.2	(2.2)	4.0	4.8	4.4	4.0	4.3	4.5	4.8	5.2	-	6.0	4.4	2.3	2.4	3.0	2.9	2.7	3.0	-	-	-	-	-	-	-	0.8, 1		20	
	21	3.0	3.0	3.5	3.5	3.0	3.3	3.7	3.8	-	4.0	4.1	-	-	3.4	2.5	4.5	3.9	3.3	3.0	2.9	3.1	3.4	3.9	3.6	-	-	-	-	-	-	-	0.8		21	
	22	3.6	(3.4)	3.9	4.2	(3.3)	2.8	2.6	2.7	2.3	2.4	2.7	2.7	3.1	2.8	2.9	(2.9)	(3.0)	(3.3)	(3.2)	(3.4)	(4.8)	(3.5)	3.1	3.0	-	-	(3.4)	(6.2)	2.0	(4.2)	0.8		22		
	23	2.6	4.4	4.3	3.8	3.4	3.3	3.6	2.5	4.5	4.3	4.0	4.5	3.3	(3.5)	3.5	(3.5)	3.5	(3.1)	4.4	(4.3)	(3.1)	(3.6)	(3.2)	(4.9)	-	-	(4.6)	(6.5)	3.1	(3.4)	0.8, 4		23		
	24	(4.3)	(4.2)	(3.2)	4.3	(4.4)	(4.3)	(4.4)	4.3	4.6	4.9	4.5	4.2	3.7	3.7	(3.5)	3.7	4.0	(3.4)	(3.5)	3.0	(3.3)	(3.6)	(3.6)	(3.3)	-	-	(3.9)	3.5	(2.6)	(2.9)	0.8, r		24		
	25	(3.3)	(3.5)	(3.2)	(3.0)	(2.7)	(2.6)	(2.7)	(2.9)	(3.0)	3.9	3.8	4.0	4.0	4.1	4.2	3.9	3.5	3.9	4.8	4.0	3.9	4.2	4.1	(4.5)	-	-	(3.8)	0.1	(2.1)	(6.0)	0.8, 1		25		
	26	4.7	4.8	4.6	4.9	4.8	4.7	(4.5)	-	-	(4.9)	5.4	5.5	5.6	5.4	6.8	(7.0)	3.6	3.0	2.7	2.6	2.6	2.8	2.7	2.4	-	-	-	-	-	-	-	0.8, 1, r		26	
	27	3.4	3.8	3.9	4.1	4.6	3.0	3.8	3.2	3.1	3.2	3.5	3.0	3.9	3.6	3.4	4.8	3.5	3.1	6.5	3.8	4.9	6.0	4.7	2.3	-	-	3.3	7.9	1.8	6.1	0.8, 1, r		27		
	28	(3.5)	(3.5)	(4.9)	4.7	4.3	3.5	3.0	-	3.6	3.1	3.9	3.1	-	5.0	6.5	3.8	3.6	4.7	4.2	-	-	3.3	3.2	3.1	-	-	-	-	-	-	-	0.8, 1		28	
	29	3.1	4.6	4.0	3.1	3.9	3.9	3.9	4.1	4.8	3.9	3.3	4.7	(4.9)	4.4	4.7	4.5	4.7	4.7	4.9	3.5	3.5	3.2	4.2	-	-	4.6	6.3	2.6	3.7	0.8		29			
	30	4.8	4.2	4.8	4.4	4.6	4.5	4.3	4.5	4.2	3.2	3.6	4.0	4.9	3.0	3.0	3.1	3.1	4.7	4.1	4.4	4.8	5.0	3.5	3.5	-	-	4.6	6.3	2.7	3.6	0.8		30		
	31	3.0	4.6	3.6	4.6	4.1	4.0	3.9	3.4	4.0	4.2	4.3	4.3	3.4	-	3.0	4.3	4.7	4.5	4.1	2.9	2.7	2.7	2.1	1.8	-	-	-	-	-	-	-	0.8		31	
A		3.8	3.7	3.8	3.4	3.5	3.2	3.4	3.5	3.6	3.6	3.1	3.2	-	-	4.0	4.4	4.6	3.8	2.7	3.2	3.5	3.7	3.4	-	-	3.7									
N		3.6	3.6	3.6	3.5	3.5	3.6	3.7	3.8	4.0	4.0	4.0	4.1	4.1	4.2	4.1	4.0	4.1	4.0	3.5	3.3	3.3	3.6	3.6	3.5	-	-	3.8								

Août - August

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

1980
 280r - 087

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date	
1	2.1	2.3	2.4	3.1	3.5	3.4	4.1	3.7	2.8	2.6	-	-	2.6	4.4	-	-	-	-	-	-	1.8	2.2	2.1	1.4	2.0	-	-	-	-	-	o,r,l,t,m	1		
2	2.6	2.7	2.1	2.1	2.6	2.9	2.6	4.1	4.1	4.6	2.9	4.1	4.1	2.9	-	-	2.5	2.5	1.7	1.5	1.7	1.6	1.3	1.4	-	-	-	-	-	-	o,m	2		
3	1.3	2.0	2.2	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	b,m	3	
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,t,r	4	
5	(2.1)	(2.1)	(1.7)	(1.6)	(2.5)	(2.7)	(2.8)	(2.9)	(2.0)	(2.2)	(2.4)	(2.2)	(2.7)	(2.7)	(4.1)	4.1	4.6	2.2	2.3	2.2	2.7	2.9	2.6	2.3	-	-	-	-	-	-	-	o,m	5	
6	2.7	2.9	2.8	4.2	4.5	4.5	4.1	(2.6)	(2.1)	(2.4)	(2.2)	(2.7)	-	(2.5)	(2.7)	(4.0)	(2.9)	(2.9)	(2.9)	(2.9)	(2.3)	(2.2)	(2.2)	(2.7)	(2.1)	-	-	-	-	-	-	o,r	6	
7	(2.3)	(2.5)	(2.2)	(2.8)	(2.8)	(2.0)	(2.2)	(2.6)	(2.8)	(2.9)	(4.0)	-	(2.2)	-	-	-	-	-	-	-	(2.4)	2.4	2.4	2.4	2.3	-	-	-	-	-	-	-	o,r	7
8	2.0	1.6	2.0	2.1	2.6	2.1	2.1	2.2	2.3	2.0	2.1	2.4	2.9	2.0	2.7	2.6	2.9	2.0	-	-	-	-	2.2	1.4	-	-	-	-	-	-	-	o,r	8	
9	-	2.9	1.9	2.3	2.3	1.9	1.8	1.5	1.9	2.1	2.9	2.8	2.3	2.6	4.0	4.3	4.2	4.3	4.0	4.1	4.3	4.7	4.5	-	-	-	-	-	-	-	-	o,r,t	9	
10	4.2	4.2	4.0	4.0	2.9	4.3	4.4	4.5	4.0	4.3	4.6	4.8	4.7	2.2	4.6	4.0	4.0	2.6	4.3	4.3	2.4	3.6	2.7	2.3	-	-	-	-	-	-	-	o,r	10	
11	4.0	2.9	2.3	2.2	4.8	4.5	4.3	2.7	2.2	4.3	4.1	4.3	4.5	4.2	2.0	4.6	2.9	2.3	2.1	2.8	2.3	1.8	2.1	2.2	-	-	-	-	-	-	-	o	11	
12	2.3	2.5	2.2	2.3	2.7	2.0	-	-	-	-	-	-	-	-	-	(2.3)	2.2	2.3	2.3	1.8	1.6	2.0	2.1	2.1	-	-	-	-	-	-	-	o	12	
13	2.2	2.7	2.7	2.9	2.0	2.0	2.9	2.0	2.3	2.4	2.8	2.8	4.1	2.9	4.0	4.3	4.3	4.6	4.3	4.6	2.3	2.8	2.0	2.3	-	-	-	-	-	-	-	o,r	13	
14	2.3	2.4	2.0	2.4	2.2	2.3	2.1	2.7	2.2	2.3	2.6	2.2	2.1	2.1	2.8	2.5	2.3	2.0	2.2	2.7	2.0	2.0	2.0	2.1	-	-	-	-	-	-	-	o	14	
15	2.1	2.2	2.6	2.8	2.6	2.6	2.5	2.4	2.8	2.2	2.1	2.1	2.8	2.5	2.3	2.0	2.0	4.2	4.3	4.8	4.0	2.9	4.7	2.2	2.1	-	-	-	-	-	-	-	o	15
16	2.3	4.7	2.9	2.6	4.1	2.3	2.8	2.6	2.5	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	-	-	-	-	-	-	-	o	16	
17	2.7	2.9	2.2	2.6	2.9	-	(4.5)	2.2	2.6	2.1	2.0	2.2	2.9	2.7	2.5	2.8	2.3	2.3	4.6	4.5	2.3	2.1	2.2	2.2	-	-	-	-	-	-	-	-	o	17
18	2.3	2.8	2.8	2.0	2.1	4.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-	-	-	-	-	-	-	o	18	
19	4.0	2.3	2.4	(2.0)	2.5	2.6	2.0	2.8	2.4	2.4	2.9	2.8	2.9	2.1	2.9	2.8	2.9	2.3	4.1	2.9	2.1	2.6	2.9	2.3	-	-	-	-	-	-	-	o	19	
20	2.5	2.9	2.3	2.7	2.9	2.5	4.2	2.8	4.3	4.1	2.9	2.5	(2.2)	2.0	2.9	2.5	2.8	2.4	2.2	2.7	2.6	2.4	2.4	2.3	-	-	-	-	-	-	-	o,r	20	
21	2.0	2.7	2.9	2.1	2.1	2.9	2.7	2.7	2.7	2.8	(2.0)	2.2	2.2	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r,l,wind	21
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r,wind	22
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r	23
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r	24
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r	25
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r	26
27	2.6	2.3	2.1	2.4	2.7	(2.1)	(2.3)	2.6	2.9	2.7	2.9	2.2	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,m	27
28	1.1	1.5	1.9	2.0	1.8	1.8	2.1	-	2.4	2.8	(2.6)	-	2.9	2.6	2.7	2.0	2.7	(2.3)	2.1	2.3	2.6	(2.7)	(2.9)	(2.8)	-	-	-	-	-	-	-	-	o,f	28
29	(2.8)	(2.8)	(2.5)	(2.2)	(2.9)	(2.5)	(2.3)	2.4	2.7	2.9	2.0	2.8	2.7	2.7	2.8	2.6	2.0	-	(2.0)	1.6	1.7	1.6	2.0	-	-	-	-	-	-	-	-	-	o,r,l	29
30	1.6	2.1	2.0	2.2	(2.1)	2.0	(2.6)	(2.6)	-	2.7	2.7	2.0	2.6	2.2	2.3	2.4	-	(2.0)	2.4	2.0	1.4	1.4	1.6	1.9	-	-	-	-	-	-	-	-	o,f,m,r,t	30
31	1.8	2.8	2.4	2.7	2.4	2.3	2.4	2.4	2.7	2.7	2.8	2.9	2.0	2.2	2.6	2.4	2.7	2.6	2.3	1.7	1.4	1.8	1.6	1.9	-	-	-	-	-	-	-	-	o,m	31
A	2.1	2.8	2.7	2.9	2.2	2.4	4.4	4.2	2.3	2.0	2.9	2.0	2.0	2.8	2.7	4.0	2.8	2.6	2.5	2.3	2.4	3.2	2.4	2.3	-	-	-	-	-	-	-	-	3.4	
H	2.0	2.1	2.0	2.1	2.3	2.5	2.8	4.0	2.9	2.9	4.1	4.3	4.2	4.4	4.4	4.4	4.3	2.8	2.5	2.1	2.9	2.0	2.9	2.9	-	-	-	-	-	-	-	-	3.6	

Septembre - September

CONDUCTIBILITE D'AIR (POSITIVE) $\times 10^{-15} [R^{-1} m^{-1}]$
AIR CONDUCTIVITY (POSITIVE) $\times 10^{-15} [R^{-1} m^{-1}]$ 19--
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	1.8	1.8	2.0	2.2	2.7	3.0	3.2	3.4	3.2	3.3	3.2	3.0	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	-	-	-	-	-	o,r	1	
2	2	2.9	2.5	2.5	2.1	1.6	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	-	4.1	10.0	0.7	9.3	o,r,m	2	
3	3	1.6	1.3	1.4	1.7	1.8	1.8	1.6	2.6	2.9	2.7	4.0	3.2	2.7	2.9	3.0	3.3	2.2	2.5	2.0	1.3	1.3	2.0	2.6	2.7	2.7	-	2.5	2.2	1.0	4.2	o,m,r	3	
4	4	3.2	3.1	3.0	2.7	2.8	2.9	3.2	3.3	2.7	2.7	2.7	2.6	2.8	3.0	2.9	3.1	2.2	1.9	1.4	1.8	1.6	1.7	1.4	1.4	1.4	-	2.5	3.7	0.9	2.8	o	4	
5	5	1.7	2.0	1.9	1.7	2.0	2.2	-	2.6	2.4	2.7	2.8	2.8	2.9	2.9	3.0	3.1	2.6	1.6	1.0	1.1	1.4	1.5	1.6	1.6	1.6	-	-	-	-	-	o,m	5	
6	6	1.6	1.5	2.2	2.3	2.4	2.9	3.0	2.9	3.0	3.5	3.2	3.3	3.4	3.7	3.9	3.9	4.4	3.9	3.6	3.5	3.2	3.2	3.1	3.0	3.0	-	3.1	10.4	1.3	9.1	o,m,r,1	6	
7	7	2.5	2.0	1.8	1.8	2.1	2.7	2.4	2.3	2.4	2.7	2.6	2.6	2.6	2.9	3.2	4.0	3.2	1.8	1.3	1.3	1.2	1.0	1.4	1.6	1.6	-	2.2	4.7	0.8	3.9	o,m	7	
8	8	1.7	2.7	2.4	3.3	2.0	3.5	3.6	3.6	3.7	3.6	3.8	3.9	4.0	4.2	4.3	4.0	3.5	2.3	1.8	1.8	2.3	2.1	2.0	2.0	2.0	-	3.0	7.8	1.4	6.4	o,m	8	
9	9	2.4	2.3	2.5	2.1	2.0	3.4	4.3	4.0	3.9	3.9	4.0	3.7	4.0	4.5	4.0	3.7	3.3	2.9	3.0	2.4	2.2	2.2	2.4	4.5	4.5	-	4.4	6.6	1.5	5.1	o,m,r	9	
10	10	3.3	2.7	6.4	5.3	4.7	4.2	4.2	3.5	3.3	4.1	3.7	3.8	3.7	3.9	3.8	3.8	3.6	3.1	1.9	1.5	1.3	1.6	1.4	1.7	1.7	-	3.6	7.0	0.9	6.1	o,r,m	10	
11	11	2.1	2.4	2.3	2.6	2.7	2.7	2.9	3.2	3.5	3.5	3.3	3.0	2.9	2.7	2.4	2.7	2.7	3.9	2.7	3.2	3.0	2.5	2.9	3.1	3.1	-	2.9	4.2	1.8	2.4	o,r	11	
12	12	3.9	4.2	4.6	4.0	4.6	4.4	4.1	3.2	3.5	3.7	3.8	3.9	3.7	3.6	3.9	3.4	3.4	2.7	2.0	1.4	2.1	3.0	3.2	2.9	2.9	-	3.4	5.2	1.3	3.9	o,r	12	
13	13	3.0	3.0	3.1	2.9	2.9	2.5	2.3	2.3	2.5	2.6	2.6	2.2	2.7	3.3	3.3	3.0	3.2	3.3	3.3	3.9	4.0	4.2	3.7	3.6	3.6	-	3.1	4.7	1.8	2.9	o,r,r,1	13	
14	14	2.6	4.5	4.1	3.6	3.6	3.9	3.9	3.4	3.2	3.2	3.1	3.2	3.3	3.1	3.6	3.9	4.1	4.0	4.4	4.6	4.4	4.4	4.6	4.7	4.7	-	3.8	5.1	2.7	2.4	o,r	14	
15	15	1.9	4.5	5.6	4.0	4.0	3.0	3.7	4.0	4.3	4.3	4.5	4.0	4.5	4.3	4.2	4.2	4.2	4.6	4.7	4.6	4.0	3.7	3.2	3.2	3.2	-	4.3	9.9	2.6	7.3	o,r,1	15	
16	16	2.9	3.1	3.2	3.2	2.8	2.7	2.5	2.7	2.9	3.6	4.0	3.9	3.9	4.8	4.9	4.5	3.9	2.6	1.7	1.8	1.6	1.6	1.6	1.6	1.6	-	3.0	6.1	1.2	4.9	o,r	16	
17	17	2.0	2.4	2.7	2.2	2.9	3.0	3.0	3.6	4.5	4.4	4.4	4.0	4.3	5.0	4.6	5.0	3.6	2.4	2.9	2.7	3.7	3.6	4.2	3.9	3.9	-	3.5	6.1	1.3	4.8	o,r,m	17	
18	18	3.7	4.0	4.4	4.0	3.2	2.7	2.5	2.3	2.8	3.3	3.6	3.8	3.9	4.3	4.3	4.2	4.9	5.8	2.7	2.4	1.9	2.6	2.5	2.0	2.0	-	5.3	6.2	1.5	4.7	o,r	18	
19	19	1.7	1.5	1.6	1.6	1.6	2.0	2.3	1.8	2.1	2.5	3.2	3.2	3.2	3.6	3.4	3.4	2.2	1.7	1.3	1.1	1.0	1.0	1.0	1.3	1.3	-	2.1	4.2	0.7	3.5	o,r,m	19	
20	20	1.6	1.8	3.0	3.0	1.8	1.5	1.6	1.8	2.0	3.0	3.3	2.6	2.6	2.4	2.8	2.6	2.0	1.6	1.6	1.6	1.5	1.4	1.2	1.8	1.8	-	2.1	3.9	0.9	3.0	o,f	20	
21	21	2.4	2.0	2.2	2.6	1.9	2.0	2.6	3.2	3.2	3.1	3.2	2.9	3.0	3.6	3.5	3.2	2.6	1.7	1.4	1.7	2.0	2.5	2.9	3.3	3.3	-	2.6	4.1	1.0	3.1	o,r,m	21	
22	22	3.6	3.1	2.6	2.6	2.7	2.4	2.5	2.7	2.4	3.0	3.0	3.3	-	(3.6)	4.0	4.8	3.4	2.8	3.6	3.8	2.4	2.1	1.7	1.7	1.7	-	-	-	-	-	o,m	22	
23	23	1.8	2.0	1.8	1.9	2.5	2.7	3.7	3.9	4.2	4.3	3.2	3.4	3.3	3.3	3.5	3.2	2.3	1.5	1.1	1.1	1.1	1.1	1.2	1.4	1.4	-	3.1	7.3	0.8	6.5	o,m,d,f	23	
24	24	1.4	1.6	2.3	2.1	1.7	2.0	-	2.7	3.3	4.9	6.4	6.5	6.9	6.4	6.9	7.7	2.0	1.1	1.1	1.1	1.1	1.1	1.2	2.0	2.0	-	-	-	-	-	-	o,f,m	24
25	25	2.8	3.2	3.4	3.4	2.7	2.4	3.2	3.9	(4.5)	(4.5)	(4.4)	(4.4)	4.7	-	4.8	4.5	3.0	2.4	1.6	1.7	2.3	(2.8)	3.2	3.7	3.7	-	-	-	-	-	-	o	25
26	26	4.0	4.0	4.0	4.0	3.0	2.5	2.7	3.0	2.8	2.1	2.8	3.4	3.2	3.4	2.8	2.4	1.8	1.7	2.0	1.8	2.2	1.7	1.7	1.7	1.7	-	2.7	3.5	1.1	4.4	o,r	26	
27	27	-	1.4	1.6	1.7	1.9	2.0	2.4	2.4	2.5	3.1	3.0	3.3	3.1	3.6	2.9	2.7	2.3	1.7	1.5	1.6	1.5	1.3	1.2	1.2	1.2	-	-	-	-	-	-	o,f,r	27
28	28	1.9	1.9	1.9	2.1	2.5	2.9	2.8	2.4	2.7	2.6	3.2	3.8	3.7	3.2	3.2	2.7	2.2	2.1	2.3	2.1	2.1	1.5	1.7	2.0	2.0	-	2.5	4.6	1.3	3.3	o,r,m	28	
29	29	1.7	2.2	2.1	2.3	3.7	3.2	3.0	(3.7)	4.4	4.3	3.2	3.1	(3.1)	3.8	3.6	2.9	2.4	1.8	1.7	1.3	1.9	2.6	2.2	2.5	2.5	-	2.8	6.1	0.8	5.3	o,r,m	29	
30	30	2.6	2.5	3.3	4.0	3.3	3.3	3.3	3.2	3.2	3.4	3.6	3.9	3.5	3.2	3.1	2.3	2.1	3.2	2.9	2.7	2.7	2.9	3.7	4.5	4.5	-	-	-	-	-	-	o,f,r	30
A		2.6	2.6	2.8	2.6	2.5	2.9	3.6	3.4	3.3	3.2	3.4	3.4	3.6	3.9	3.9	3.8	3.2	2.4	1.9	1.7	1.7	1.7	1.8	2.1	2.1	-	2.8	-	-	-	-	-	
N		2.8	2.8	3.0	2.9	2.8	2.9	3.1	3.2	3.3	3.5	3.7	3.6	3.7	3.9	3.8	3.7	3.2	2.6	2.3	2.3	2.4	2.5	2.6	2.7	2.7	-	3.1	-	-	-	-	-	

October - October

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

1980
TMOx - OMT

h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	H	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date				
Date																																				
1	5.3	5.6	5.6	6.5	6.2	4.3	3.4	-	3.8	3.6	3.2	3.4	3.2	3.4	3.6	4.0	3.3	3.2	3.6	3.3	2.7	2.1	1.9	3.1	-	-	-	-	-	-	-	-	1			
2	2.0	1.7	2.0	2.7	3.3	3.2	3.2	3.2	3.2	2.6	2.7	2.5	2.3	2.5	2.6	2.6	2.6	2.7	4.6	5.3	-	-	-	-	-	-	-	-	-	-	-	-	2			
3	-	-	-	-	-	-	-	-	3.2	3.7	4.1	3.2	4.2	4.8	4.5	4.1	3.7	3.3	3.9	3.5	3.6	4.0	3.6	3.3	3.1	-	-	-	-	-	-	-	-	3		
4	2.6	3.0	3.3	3.3	3.6	3.0	2.6	2.5	3.2	3.4	4.0	4.8	4.5	4.0	4.5	2.8	2.0	1.3	1.0	0.8	0.8	0.7	0.8	1.1	1.3	-	-	2.5	5.5	0.6	4.9	o,r	4			
5	2.3	2.6	3.0	3.2	2.9	3.3	3.7	3.2	3.7	3.2	2.9	2.0	2.1	1.8	2.4	2.3	1.6	1.2	1.1	1.1	1.0	1.0	1.3	1.3	1.3	-	-	2.3	4.0	0.6	3.4	o,r,m,f	5			
6	1.6	2.1	2.0	2.0	2.3	2.2	2.0	2.1	2.3	1.9	2.7	3.1	4.1	3.4	2.4	1.8	2.0	1.8	2.1	2.0	2.0	1.7	2.0	1.3	-	-	-	-	2.2	5.0	1.0	4.0	o,m,f,d,r	6		
7	1.3	2.1	2.0	2.3	2.4	2.6	2.6	2.7	2.7	3.2	3.4	3.6	3.3	3.4	3.2	2.8	2.7	3.0	3.6	3.7	3.2	4.2	4.2	4.2	4.2	-	-	-	-	3.1	4.8	1.3	3.5	o,r	7	
8	4.2	4.2	5.7	4.7	6.5	7.6	6.7	4.6	4.0	4.6	3.9	4.3	5.5	5.1	3.8	3.2	2.5	2.3	2.4	2.3	2.4	2.6	2.9	2.5	-	-	-	-	4.1	8.4	1.8	6.6	o,r	8		
9	2.3	2.6	2.6	2.7	2.2	1.9	2.3	3.1	3.7	4.3	5.9	6.5	7.2	8.5	7.7	6.5	5.7	5.4	4.1	3.1	3.1	2.6	2.6	3.2	-	-	-	-	4.2	9.8	1.5	8.3	o,m,r	9		
10	3.4	2.6	3.1	2.0	2.0	1.3	2.1	3.1	3.4	3.4	3.5	4.0	3.2	2.7	-	2.6	1.9	1.8	1.4	1.9	2.3	3.0	(3.9)	-	-	-	-	-	-	-	-	-	-	10		
11	-	-	-	-	-	-	-	-	3.0	3.2	2.9	3.0	3.4	3.8	(3.4)	(3.3)	3.3	3.3	3.3	3.3	3.6	3.3	2.9	2.5	-	-	-	-	-	-	-	-	-	11		
12	2.3	2.2	2.3	2.1	2.5	2.7	2.7	3.2	3.6	3.7	3.5	3.4	3.2	3.3	2.9	2.7	3.2	3.9	4.1	4.0	4.0	4.0	4.3	4.0	-	-	-	-	-	3.2	4.8	1.8	3.0	o,r	12	
13	3.7	4.2	4.0	3.8	3.6	3.6	(3.3)	3.6	3.7	3.4	3.3	3.5	3.8	3.7	3.7	3.7	3.2	3.3	3.2	3.1	2.7	3.4	4.0	4.0	-	-	-	-	-	3.6	4.5	2.4	2.1	c,r	13	
14	-	-	-	-	4.5	3.9	3.9	3.4	4.4	5.0	4.7	5.4	5.6	6.1	5.0	4.9	6.4	7.2	6.2	4.3	3.7	3.6	3.6	3.7	3.9	-	-	-	-	-	-	-	-	14		
15	3.6	3.6	3.6	4.0	4.0	3.0	3.0	3.7	3.7	3.4	3.4	3.6	3.6	3.2	3.2	3.6	3.0	3.2	2.1	1.4	1.4	1.6	1.6	1.5	1.6	-	-	-	-	3.0	4.3	1.2	3.1	o,d	15	
16	1.5	1.7	1.7	1.6	1.9	1.9	2.1	1.8	1.7	1.5	-	2.4	3.1	3.4	2.2	1.1	1.0	-	-	-	0.9	1.2	1.3	1.3	-	-	-	-	-	-	-	-	-	16		
17	1.2	1.9	2.6	3.0	2.7	2.7	2.7	3.2	3.7	4.0	3.9	3.6	3.4	3.2	2.9	2.8	2.5	2.5	2.9	3.3	3.4	3.6	3.8	3.7	-	-	-	-	3.0	4.6	0.8	3.8	o	17		
18	3.6	3.9	3.9	3.7	4.0	4.2	4.3	4.0	4.1	4.0	3.7	4.0	3.7	3.3	3.4	3.3	3.3	2.8	3.7	(2.9)	3.6	3.8	3.3	3.2	-	-	-	-	3.7	5.2	2.5	2.7	o,r	18		
19	3.0	3.2	2.9	3.0	2.4	2.4	-	-	3.9	3.5	2.9	3.1	2.6	2.3	2.3	2.2	2.5	2.2	(2.0)	2.3	2.7	2.4	2.4	2.5	-	-	-	-	-	-	-	-	-	19		
20	3.0	3.0	1.9	1.8	2.0	1.4	0.8	2.0	2.9	3.3	2.8	2.7	(2.8)	2.8	2.8	2.8	3.3	3.3	2.1	1.8	1.6	1.8	1.9	1.8	-	-	-	-	2.3	5.1	0.4	4.7	c,f,hf	20		
21	3.2	3.7	1.2	1.3	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.7	3.3	3.1	(3.1)	-	1.6	1.8	(2.0)	-	2.4	2.4	2.6	(2.6)	-	-	-	-	-	-	-	-	-	21		
22	-	-	-	-	2.9	2.5	2.6	2.6	2.7	2.6	2.6	2.8	2.9	3.0	2.1	1.8	1.0	1.1	1.7	2.3	2.3	2.4	2.6	2.7	-	-	-	-	-	-	-	-	-	22		
23	2.4	2.3	2.3	2.1	2.0	1.0	1.8	2.1	2.1	2.6	3.4	3.7	3.4	3.0	2.8	2.1	1.4	1.4	1.5	1.5	1.4	1.6	2.2	-	-	-	-	-	2.0	4.0	1.2	2.8	o	23		
24	2.1	2.3	2.1	2.4	2.8	2.9	3.3	3.6	3.0	3.2	3.3	3.6	3.9	4.3	3.9	4.2	2.6	2.4	2.1	2.4	2.6	2.6	2.9	3.2	-	-	-	-	-	3.0	5.2	1.8	3.4	o,r	24	
25	3.6	3.9	4.0	4.5	4.2	3.7	3.1	3.3	3.2	3.2	3.0	2.8	2.4	2.3	2.4	2.3	2.5	3.1	2.7	3.0	3.4	3.5	3.5	3.1	-	-	-	-	-	3.2	4.7	2.0	2.7	o,r	25	
26	2.7	3.1	1.0	0.5	7.2	6.5	5.2	4.5	4.3	5.6	5.3	4.6	4.4	4.7	4.8	3.7	3.4	2.6	2.6	2.3	2.2	2.0	2.0	1.8	-	-	-	-	-	4.0	8.1	1.4	6.7	o,hf	26	
27	1.6	1.6	1.6	1.4	1.5	1.6	1.3	1.7	2.4	2.0	3.3	3.6	3.7	3.4	2.7	1.9	2.3	2.3	2.2	2.9	3.3	3.7	3.5	3.4	-	-	-	-	-	2.5	4.0	1.2	2.8	o,hf,r	27	
28	3.0	2.7	1.9	1.9	2.6	2.3	2.6	2.5	2.9	2.9	3.0	3.0	2.9	2.8	3.3	3.2	3.1	2.9	3.2	3.8	3.9	4.1	3.8	-	-	-	-	-	-	4.0	4.3	1.5	2.8	c,r	28	
29	3.7	3.7	3.6	3.7	3.7	3.6	3.8	4.0	3.3	4.5	4.2	4.3	6.0	6.2	4.6	4.2	3.4	3.4	3.2	3.0	3.3	2.6	3.6	3.8	-	-	-	-	-	4.0	10.1	2.8	7.3	o,r,wind	29	
30	4.8	5.5	5.2	4.9	4.9	4.8	4.6	(4.5)	(3.6)	3.7	3.7	3.7	4.0	4.3	4.0	3.6	3.7	3.9	3.4	2.8	2.8	2.7	2.7	2.6	-	-	-	-	-	3.9	6.1	1.9	4.2	o,r,wind	30	
31	3.5	3.2	6.6	5.9	4.2	4.5	4.6	5.6	5.8	5.9	5.6	5.7	5.8	4.8	5.1	4.5	4.1	3.7	3.7	3.8	4.8	4.8	4.0	4.0	4.0	-	-	-	-	-	4.8	7.4	2.8	4.6	o,r,g	31
A	2.8	2.8	2.5	2.4	2.4	2.4	2.8	2.8	3.2	3.4	3.3	3.6	3.4	3.1	2.8	2.8	2.6	2.7	2.9	2.8	3.1	3.0	3.1	3.0	-	-	-	-	2.9							
H	2.9	3.0	3.1	3.3	3.3	3.2	3.1	3.2	3.4	3.5	3.6	3.6	3.6	3.0	3.7	3.4	3.2	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.8	-	-	-	-	3.2						

Novembre - November

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

1980
TMOB - GBT

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.	Appl.	Indication du temps Type of weather	Date	
1	1	4.0	4.1	4.2	4.3	3.5	3.9	3.2	3.4	3.8	4.0	4.5	5.0	5.1	4.9	5.0	4.7	4.2	4.5	4.9	5.5	5.7	5.5	6.4	6.0	-	4.6	7.2	2.9	4.3	o,hf	1		
2	2	6.1	6.0	6.2	5.2	5.2	4.8	4.1	4.2	4.1	4.7	4.5	4.2	4.1	4.2	4.3	4.9	4.7	4.3	4.5	4.7	5.2	5.2	5.2	5.2	-	4.8	7.8	3.6	4.2	o,hf	2		
3	3	6.1	-	-	-	-	-	-	3.7	3.7	3.7	3.7	3.7	3.5	3.1	2.4	2.4	2.7	2.8	2.7	2.9	3.2	3.2	3.2	3.2	-	-	-	-	-	-	o,s,g	3	
4	4	3.9	4.1	4.0	4.0	4.1	3.0	2.6	2.4	2.9	3.1	3.2	3.4	3.8	4.1	3.6	2.6	2.4	2.6	3.1	3.1	2.5	2.9	3.4	4.1	-	3.3	6.6	2.0	4.6	o,s	4		
5	5	3.7	3.3	3.3	2.6	3.0	2.9	2.1	2.2	2.8	2.7	3.2	3.2	3.2	2.8	2.4	2.2	2.6	2.7	3.3	3.7	4.2	4.6	4.2	4.6	-	3.2	5.2	1.9	3.3	o	5		
6	6	4.2	4.0	3.7	3.4	2.9	2.7	3.0	3.2	3.2	2.9	3.0	3.1	3.2	2.8	2.3	2.0	2.3	2.2	2.6	2.8	3.0	3.3	3.6	2.4	-	3.0	4.5	1.6	2.9	o,hf	6		
7	7	3.4	3.7	3.9	3.9	3.5	2.9	3.0	3.1	2.9	2.7	3.0	3.1	3.1	3.3	2.9	2.1	1.7	1.3	1.0	0.8	0.8	0.8	1.5	4.0	-	2.6	5.0	0.6	4.4	o,hf	7		
8	8	5.5	6.2	6.6	6.5	6.8	6.2	4.0	3.0	3.2	3.9	4.8	5.2	5.7	4.6	4.9	3.4	3.3	3.7	2.7	3.0	4.5	2.9	3.6	3.7	-	4.5	14.2	1.6	12.6	o	8		
9	9	3.1	4.5	4.6	4.0	3.6	3.5	2.9	2.1	1.7	1.5	1.7	1.9	2.1	2.1	1.9	1.8	2.2	2.3	2.3	2.1	2.0	2.5	2.8	2.8	-	2.6	5.4	1.3	4.1	o,g	9		
10	10	3.2	3.1	3.0	2.9	2.7	3.2	2.7	3.0	2.4	2.7	2.5	2.9	3.5	3.0	2.5	2.6	2.5	2.8	2.6	3.5	3.0	3.3	3.4	3.4	-	2.9	9.9	1.9	8.0	o,g	10		
11	11	3.1	2.8	3.0	2.9	2.6	2.4	1.9	2.1	2.7	3.0	3.6	4.2	4.0	3.5	3.6	3.0	2.4	1.8	1.7	1.6	1.5	1.4	1.5	1.6	-	2.6	5.2	1.3	3.9	c	11		
12	12	1.7	2.0	2.1	2.1	2.1	2.0	1.6	1.6	1.6	2.3	2.6	2.9	2.9	3.1	2.7	1.9	1.6	1.9	1.9	1.8	2.1	2.1	2.0	2.1	-	2.1	3.5	0.6	2.9	o,hf	12		
13	13	2.2	2.3	2.4	2.7	2.9	2.7	2.5	2.5	2.5	2.4	2.9	2.5	-	-	3.0	2.0	2.2	1.8	-	-	-	-	-	2.6	2.1	-	-	-	-	-	o,s,r	13	
14	14	2.1	2.2	2.1	2.1	2.1	2.3	-	-	-	-	1.8	1.9	1.8	2.1	1.9	1.7	1.9	2.0	2.3	2.3	2.3	2.7	2.9	3.1	-	-	-	-	-	-	o,s,r	14	
15	15	3.2	3.3	2.4	2.6	2.4	2.8	2.5	-	-	2.0	2.4	2.6	2.4	2.5	2.3	2.0	2.2	2.0	2.4	2.5	2.5	2.9	3.0	2.7	-	-	-	-	-	-	o,s,r,s	15	
16	16	2.8	2.7	2.9	3.2	3.7	4.5	3.8	4.5	4.4	4.8	5.2	4.8	5.3	4.9	4.4	3.5	3.6	3.0	3.5	3.8	4.1	3.9	4.2	3.7	-	4.0	5.9	2.4	3.5	o,s,r,wind	16		
17	17	3.7	4.7	4.8	5.3	5.4	4.3	4.2	4.2	-	-	4.2	4.0	3.9	3.5	3.3	3.5	3.8	3.8	3.7	3.5	3.5	2.9	2.8	-	-	-	-	-	-	-	c,r	17	
18	18	2.6	3.2	3.0	3.1	2.6	2.6	2.6	3.0	3.3	3.4	3.7	3.9	3.7	3.7	3.7	3.2	3.7	3.5	3.7	3.8	3.7	4.0	4.1	4.2	-	3.4	4.7	2.3	2.4	o	18		
19	19	4.2	4.4	4.5	4.6	4.8	4.5	3.7	3.7	3.9	4.3	4.5	4.1	4.3	4.5	4.3	4.3	3.2	3.7	3.7	4.1	4.5	5.4	5.1	4.6	-	4.3	14.2	2.2	12.0	o,s,g,s,wind	19		
20	20	4.5	4.6	4.8	5.1	4.3	3.4	3.2	2.7	2.3	2.5	2.7	3.1	2.8	2.7	2.6	2.0	1.6	1.3	1.0	1.3	1.6	1.9	2.6	3.1	-	2.8	5.6	0.8	4.8	o,hf,wind	20		
21	21	3.4	3.7	3.9	3.9	3.7	3.4	2.6	2.6	2.6	2.6	2.6	2.7	3.5	3.6	3.8	4.0	3.3	3.0	2.4	3.1	3.4	3.6	3.8	3.8	-	-	-	-	-	-	o,hf	21	
22	22	2.9	3.1	3.1	2.8	2.6	2.6	2.6	2.6	2.7	3.5	3.6	3.8	4.0	3.3	3.0	2.4	3.1	3.4	3.6	3.6	3.9	3.9	3.8	3.8	-	3.3	4.6	2.3	2.3	o,s,r	22		
23	23	3.8	3.3	3.2	3.1	3.1	3.3	3.0	3.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	-	3.3	4.5	2.5	2.0	o,s,r,d	23		
24	24	3.8	3.7	4.0	4.2	4.3	4.2	3.9	3.8	-	-	3.9	3.9	4.0	4.2	3.6	3.7	4.3	4.5	4.0	3.7	3.8	4.0	2.1	2.2	-	-	-	-	-	-	o,r	24	
25	25	2.9	2.7	2.7	-	-	-	3.5	-	-	-	-	-	-	-	3.0	3.1	2.8	2.7	2.5	2.3	3.1	2.4	2.3	2.2	2.6	2.9	-	-	-	-	-	o,r	25
26	26	2.7	3.1	3.2	3.2	4.1	3.5	3.6	3.2	2.7	3.3	2.9	2.3	1.8	3.0	2.8	2.7	2.3	2.3	2.3	2.3	4.4	5.3	5.8	5.6	-	3.3	6.5	1.4	5.1	o,s,r,f	26		
27	27	5.8	5.4	5.2	4.3	4.3	3.9	3.0	2.3	2.0	2.4	2.9	3.1	3.5	3.3	2.1	1.4	1.1	0.8	0.8	1.0	1.3	1.4	1.9	1.7	-	2.7	6.1	0.6	5.5	o,hf	27		
28	28	2.0	3.2	3.7	4.2	3.7	3.2	2.2	2.3	2.1	2.4	2.5	2.6	3.2	2.3	1.7	1.6	1.6	1.6	1.6	1.8	1.8	1.8	1.8	1.7	-	2.4	4.5	(1.0)	(3.5)	o,hf,s	28		
29	29	1.9	2.3	2.0	1.6	1.3	1.4	1.3	1.0	0.9	1.1	1.2	1.1	1.2	1.4	1.6	1.4	1.4	1.4	2.7	3.4	3.2	2.7	3.7	4.4	-	1.9	5.2	0.7	4.5	o,s,g	29		
30	30	4.3	3.9	3.9	4.5	5.0	4.9	4.3	4.2	4.1	4.1	4.0	3.9	3.6	3.9	3.9	3.9	4.0	3.6	3.4	3.3	3.8	3.7	4.0	4.6	-	4.0	6.9	3.1	3.8	o,s	30		
A		3.8	4.1	4.3	4.1	4.0	3.6	2.9	2.9	2.9	2.8	3.2	3.2	3.1	3.2	3.0	2.4	2.0	1.8	2.4	2.4	2.9	3.1	3.2	3.4	-	3.0							
N		3.6	3.6	3.7	3.7	3.6	3.4	3.0	3.0	2.8	3.0	3.2	3.4	3.4	3.4	3.1	2.7	2.7	2.7	2.8	2.9	3.1	3.2	3.4	3.5	-	3.2							

Décembre - December

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

1990
TMR - GMT

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.	Impl.	L'indication du temps Type of weather	Date	
Date																																	
1	4.5	4.5	4.5	4.6	4.5	3.5	2.9	2.4	2.4	2.8	2.7	3.2	3.2	2.6	1.6	1.5	0.8	0.8	0.7	0.6	0.6	0.4	0.5	0.7	-	2.4	5.0	0.3	5.6	b	1		
2	0.8	1.0	1.1	1.2	1.3	1.2	1.2	1.1	1.0	1.1	1.1	1.1	1.2	1.3	1.3	1.3	1.0	0.7	0.8	0.8	0.3	0.2	1.0	1.7	1.4	-	1.1	2.0	0.7	1.3	b,hf	2	
3	1.7	1.9	2.0	1.8	1.6	1.9	2.1	2.2	2.4	2.4	2.3	2.2	2.2	2.4	2.4	2.3	2.7	2.7	2.7	2.2	2.2	2.3	2.4	2.2	-	2.2	3.1	1.4	1.7	o,r,g	3		
4	2.4	2.5	4.8	5.0	4.2	4.2	3.8	2.7	3.3	2.9	2.5	2.1	2.7	2.1	1.6	1.6	1.3	1.3	1.0	0.9	1.0	0.9	0.9	0.8	-	2.5	7.1	0.7	6.4	c,r	4		
5	1.2	1.3	1.3	1.4	1.3	1.2	1.0	(0.9)	(0.8)	1.0	1.2	0.9	0.8	0.8	0.8	0.7	0.7	0.2	1.0	1.1	1.2	1.2	1.2	1.4	-	1.1	1.5	0.6	0.9	o,hf	5		
6	1.5	1.6	1.7	1.7	1.7	1.2	1.2	1.0	1.1	1.2	1.4	1.5	1.4	1.3	1.0	1.0	1.1	1.2	1.3	1.3	1.2	1.2	1.1	1.0	-	1.2	1.0	0.9	1.0	o,hf	6		
7	1.1	1.2	1.6	1.5	1.5	1.5	1.7	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,hf,g	7	
8	1.8	1.9	2.0	2.0	2.1	2.0	1.9	(1.9)	(1.8)	1.9	1.6	(1.7)	1.6	1.6	1.6	1.5	1.4	1.5	1.4	1.4	1.4	1.5	1.8	(2.6)	-	1.7	4.8	1.3	3.5	c,g,s	8		
9	2.2	2.0	2.0	1.9	1.1	2.0	1.9	(2.0)	2.3	2.3	1.8	2.0	2.0	1.7	1.6	1.6	1.7	1.8	1.8	1.7	1.8	(2.3)	1.8	2.0	-	>1.9	(>5.4)	1.4	(>4.0)	o,r,c,wind	9		
10	2.1	2.4	(2.5)	2.1	2.3	(2.1)	2.1	2.0	1.8	1.8	2.0	2.3	2.0	2.2	2.2	2.0	2.1	2.1	2.1	2.1	2.0	2.2	2.1	2.3	2.5	-	>2.1	(>5.4)	1.4	(>4.0)	o,c,wind	10	
11	2.7	2.9	2.9	3.0	2.4	2.4	3.2	2.9	2.6	2.8	2.6	2.5	2.7	2.7	2.3	2.4	2.4	2.0	1.9	2.3	2.4	2.4	2.9	3.5	-	2.6	4.3	1.4	2.9	o,r,wind	11		
12	3.8	4.5	4.8	3.9	3.5	3.5	3.3	3.0	2.6	2.7	3.0	2.8	2.4	2.3	2.1	2.0	2.0	2.0	2.0	(2.1)	2.7	2.9	3.1	3.2	-	2.9	5.2	1.7	3.5	o,r,wind	12		
13	3.0	3.2	3.3	3.1	3.6	3.2	2.6	2.6	2.7	2.8	2.9	(3.3)	3.1	2.8	2.6	1.9	1.5	1.6	1.9	2.1	2.3	2.7	2.7	3.0	-	2.7	4.5	1.3	3.2	o,r	13		
14	2.3	4.2	4.5	4.6	4.2	4.5	3.2	3.2	-	-	4.3	4.1	4.2	4.0	3.9	3.7	3.0	3.0	3.6	3.9	3.3	3.4	3.4	-	-	-	-	-	-	-	-	o,r	14
15	2.3	2.9	2.7	3.2	3.9	3.7	3.2	3.1	3.1	3.2	3.3	3.4	4.5	4.6	4.0	3.6	3.2	3.6	3.4	3.9	3.1	3.3	3.3	3.3	-	-	3.4	5.6	2.3	3.3	o,r	15	
16	3.6	3.3	3.0	3.4	3.9	4.2	3.9	3.8	3.9	4.0	3.9	3.3	3.0	3.6	3.9	3.2	2.9	2.4	2.3	2.9	3.0	5.0	5.6	5.5	-	-	3.6	6.5	2.0	4.5	c,r	16	
17	6.1	5.6	5.3	5.3	4.8	4.8	3.7	2.9	2.6	2.9	3.1	3.2	3.1	2.8	2.0	1.3	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o,r,g,hf,m,s	17
18	2.2	2.4	2.9	3.1	3.3	2.7	2.3	1.9	2.1	2.5	2.6	2.6	2.5	2.2	1.8	1.7	1.9	1.9	(1.9)	2.0	2.3	2.6	2.7	2.9	-	2.4	3.6	1.5	2.1	b	18		
19	2.8	3.0	2.9	2.6	2.4	1.9	1.8	1.6	1.6	1.4	1.6	1.5	(1.5)	1.3	1.2	1.1	1.1	1.0	1.4	1.9	2.7	3.0	3.0	-	-	-	1.9	3.4	1.0	2.4	o,c,m,hf	19	
20	1.2	4.2	4.4	4.5	4.9	4.1	3.3	2.6	2.7	2.8	2.8	3.1	3.1	2.2	1.6	1.4	1.4	1.2	1.1	1.6	1.7	1.9	2.9	2.9	-	-	2.7	5.4	1.0	4.4	c,r,d,hf,m	20	
21	2.8	2.4	2.3	2.4	2.6	2.0	1.8	1.8	1.7	1.6	1.7	1.6	1.5	1.8	1.3	1.0	0.7	0.7	0.7	0.7	1.0	0.9	1.0	1.4	-	-	1.6	3.1	0.5	2.6	o,r,g,f,d	21	
22	1.8	1.7	1.4	1.7	1.9	1.6	1.6	2.0	2.1	1.7	1.7	1.8	1.7	1.6	1.6	1.4	1.3	1.3	1.7	1.8	1.5	2.3	2.7	2.3	-	-	1.8	3.3	1.0	2.3	o,f,m	22	
23	2.4	3.0	3.2	2.9	4.0	3.6	2.4	2.2	2.6	2.6	2.9	2.9	2.6	2.6	2.2	2.1	1.9	2.4	2.6	2.7	2.7	3.0	2.9	3.0	-	-	2.8	4.7	1.6	3.1	c,f,d,g,r,wind	23	
24	2.6	2.0	7.1	7.5	6.9	5.8	4.9	4.5	3.7	3.6	(4.1)	4.3	4.8	4.5	3.9	2.7	2.2	2.7	3.6	3.4	2.8	2.6	2.3	2.6	-	-	4.1	7.9	1.7	6.2	c,r,wind	24	
25	3.3	3.8	4.2	3.9	3.6	4.5	4.3	4.1	3.8	4.0	4.0	4.2	4.2	4.3	4.7	4.9	4.9	4.6	4.9	4.8	5.1	5.5	5.2	4.8	-	-	4.4	6.2	3.0	3.2	o,r	25	
26	3.9	4.3	4.0	2.6	3.5	4.2	4.0	3.2	3.6	3.8	-	-	4.6	5.2	5.2	3.7	4.2	3.6	4.2	4.0	2.7	2.0	1.1	1.0	-	-	-	-	-	-	-	o,r	26
27	1.2	1.4	1.4	1.4	1.4	1.4	1.5	1.8	1.4	1.0	1.2	1.5	1.7	2.0	1.6	1.6	1.7	2.2	2.2	1.9	1.8	2.7	2.7	2.3	-	-	1.7	4.2	0.8	3.4	c,hf,m	27	
28	2.7	3.0	2.9	3.4	3.0	3.0	2.5	2.5	2.1	1.7	2.0	2.5	2.2	2.2	1.8	1.4	1.7	2.3	3.0	3.0	3.0	3.0	4.2	4.1	-	-	2.7	4.0	1.2	3.6	o,hf,m	28	
29	3.8	3.5	3.0	3.1	3.2	3.0	2.5	2.4	2.5	2.4	2.5	2.4	2.4	2.4	2.3	2.3	2.0	1.8	1.7	1.8	2.0	2.1	2.3	2.5	2.6	-	-	2.5	4.2	1.5	2.7	o,s,d	29
30	2.7	2.5	2.5	2.9	(3.3)	2.8	2.4	3.0	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.7	2.9	2.6	2.4	2.6	2.7	2.7	2.1	2.2	-	-	2.7	(3.7)	1.8	(1.9)	o,d,r	30	
31	2.3	2.7	3.0	3.4	3.6	3.6	3.9	4.0	3.5	3.4	3.2	3.7	3.7	3.9	3.7	3.5	3.4	4.1	(4.6)	4.5	3.7	4.0	4.1	4.3	-	-	3.7	(5.0)	2.0	(3.0)	o,d,r	31	
A	4.2	4.2	4.2	3.8	3.0	2.5	2.1	1.8	1.8	2.1	2.1	2.5	2.6	2.6	2.2	2.2	2.0	1.4	1.3	1.6	2.7	3.5	3.8	3.6	-	2.7	-	-	-	-	-	-	
M	2.7	2.9	>3.1	3.1	3.1	2.9	2.7	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.4	2.1	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.6	-	>2.5	-	-	-	-	-	-

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Janvier - January

1980

Février - February

Date	I	II	III	M
1	12060	18460	20190	16900
2	10090	16000	16500	14200
3	8620	8620	7390	8210
4	16000	16000	13050	15020
5	17970	21670	19200	19610
6	8620	12310	12310	11080
7	6650	9600	19450	11900
8	9110	13050	14530	12230
9	13290	16740	17970	16000
10	36440	19700	19450	25200
11	20190	23140	20930	21420
12	12800	15760	8120	12230
13	9850	19200	20430	16490
14	10340	16000	16990	14440
15	15260	15760	11080	14030
16	13540	18220	17730	16500
17	35700	21170	13540	23470
18	22160	15760	41360	26430
19	23880	25110	25850	24950
20	13050	9850	12310	11740
21	10340	25110	14530	16660
22	7630	14280	14030	11980
23	16500	22400	22650	20520
24	10090	8370	12310	10260
25	9850	12800	10340	11000
26	7390	8620	9850	8620
27	16500	12800	7390	12230
28	11820	18460	16250	15510
29	19700	23640	172340	71890
30	20190	21170	7140	16170
31	7880	10590	14530	11000
M	14630	16460	20960	17350

Date	I	II	III	M
1	16740	7630	10340	11570
2	17730	19940	29790	22490
3	12060	9110	7630	9600
4	30280	14280	12310	18960
5	13050	22650	16250	17320
6	12060	14280	15260	13870
7	8120	10830	12800	10580
8	9110	11080	17480	12560
9	15510	27820	13790	19040
10	7390	15260	17730	13460
11	12560	26340	10830	16580
12	16990	24620	14770	18790
13	8860	15260	14280	12800
14	15020	13540	20930	16500
15	7630	12800	16740	12390
16	10340	10340	23880	14850
17	9600	11820	6400	9270
18	9850	17970	23880	17230
19	12060	20930	35450	22810
20	19200	14280	43330	25600
21	13050	27330	28070	22820
22	24370	21910	16000	20760
23	19700	30780	17730	22740
24	11080	22650	16740	16820
25	12060	8120	8370	9520
26	9360	18960	26590	18300
27	12800	10830	9360	11000
28	19450	14280	16500	16740
29	10090	10590	11080	10590
M	13660	16770	17730	16050

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

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Mars - March

1980

Avril - April

Date	I	II	III	M
1	15760	19700	18220	17890
2	6890	26100	17480	16820
3	13790	17730	19940	17150
4	10340	52690	27330	30120
5	24130	21670	29540	25110
6	15020	24870	25110	21670
7	19700	24130	12800	18880
8	27820	11080	5420	14770
9	7880	7140	8860	7960
10	22160	12060	13790	16000
11	11330	16990	18460	15590
12	7140	14280	13790	11740
13	12560	13050	15760	13790
14	13790	22650	15260	17230
15	16500	24620	13050	18060
16	11330	14770	26340	17480
17	15510	30040	27570	24370
18	29540	38160	17730	28480
19	15760	16250	20930	17650
20	17730	15020	16740	16500
21	14030	18220	30280	20840
22	19700	32250	15020	22320
23	17230	24370	14530	18710
24	21420	20190	22160	21260
25	13050	22400	17230	17560
26	14030	14530	30280	19610
27	18460	8620	14280	13790
28	10340	10090	15260	11900
29	20930	31020	21670	24540
30	27570	76810	15760	40050
31	14030	34710	14030	20920
M	16300	23100	18540	19310

Date	I	II	III	M
1	23140	43820	62530	43160
2	48260	9600	17230	25030
3	11330	82720	14280	36110
4	12310	12060	8370	10910
5	15760	16250	7140	13050
6	5170	5170	5910	5420
7	17230	15510	43090	25280
8	13290	7880	15260	12140
9	8620	21170	18460	16080
10	7390	8860	21170	12470
11	24130	19200	17230	20190
12	44070	45790	21170	37010
13	17730	25850	27820	23800
14	34710	44810	30780	36770
15	17230	29300	26340	24290
16	17730	8370	28560	18220
17	22160	29050	38410	29870
18	15260	20930	13790	16660
19	12060	63520	11330	28970
20	63270	63030	21420	49240
21	32500	28310	16500	25770
22	10830	7630	9110	9190
23	7630	12800	21670	14030
24	8620	8620	23140	13460
25	14280	16990	21170	17480
26	17480	30780	36440	28230
27	7880	11570	19450	12970
28	20680	8860	7390	12310
29	10340	13540	11820	11900
30	16990	7830	9600	11490
M	19270	24000	20890	21390

NOMBRE DE NOYAUX DE CONDENSATION

PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI

PER 1 CM³ OF AIR

Mai - May

1980

Juin - June

Date	I	II	III	M
1	6650	7880	8370	7630
2	9600	9110	7390	8700
3	9360	6160	6400	7310
4	15760	31760	28560	25360
5	18710	44810	18960	27490
6	13290	7140	21670	14030
7	19200	20190	14280	17890
8	10090	15760	26100	17320
9	10830	5910	7140	7960
10	7390	45790	11820	21670
11	17730	12060	10340	13380
12	39640	18220	19200	25690
13	19940	36680	9600	22070
14	20930	19200	10590	16910
15	21420	6890	9110	12470
16	16250	27570	11570	18460
17	30040	14280	15510	19940
18	23880	12310	18460	18220
19	19940	101930	19940	47270
20	4430	4180	9600	6070
21	20190	4430	7880	10830
22	30530	6650	8860	15350
23	5660	65980	21420	31020
24	20430	46780	17230	28150
25	5660	61800	14030	27160
26	30530	39640	20930	30370
27	24620	23390	17970	21990
28	9600	49980	10340	23310
29	12560	12310	5170	10010
30	9600	31760	12800	18050
31	27330	12800	11570	17230
M	17150	25910	13960	19010

Date	I	II	III	M
1	10090	21670	12800	14850
2	9360	14030	11570	11650
3	7140	8370	10590	8700
4	6400	14280	11820	10830
5	9110	20190	12060	13790
6	14280	10340	13290	12640
7	11570	12560	9360	11160
8	7880	9360	11570	9600
9	25110	24130	23390	24210
10	21420	14030	19940	18460
11	8860	43330	9600	20600
12	7880	6890	11080	8620
13	12310	56130	31510	33320
14	38160	19200	7140	21500
15	7880	9110	7390	8130
16	9360	13790	13050	12070
17	3940	8370	5170	5830
18	8370	29050	18460	18630
19	6400	11330	6400	8040
20	16500	25110	17230	19610
21	19700	19700	15510	18300
22	5170	11570	4920	7220
23	10830	30040	16000	18960
24	13050	8120	9850	10340
25	9110	16000	10340	11820
26	27080	39150	8120	24780
27	20190	15260	11080	15510
28	11330	39880	8620	19940
29	8370	30780	13050	17400
30	6890	24870	15760	15840
M	12460	20220	12560	15080

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Juillet - July

1980

Août - August

Date	I	II	III	M
1	9360	10590	8860	9600
2	10590	10590	11330	10840
3	6400	9850	9360	8540
4	9360	11330	16990	12560
5	5420	6400	9360	7060
6	5170	8620	8120	7300
7	12310	15020	9360	12230
8	12310	17730	11330	13790
9	6400	19700	13050	13050
10	8620	10340	8860	9270
11	7390	5910	8860	7390
12	19700	16740	16000	17480
13	7140	13790	15260	12060
14	7140	10090	7140	8120
15	6890	16500	14530	12640
16	13540	10830	16500	13620
17	5910	8120	8620	7550
18	16990	14280	11330	14200
19	8860	22400	17230	16160
20	7880	10590	7390	8620
21	10090	3690	12560	8780
22	9850	13540	6890	10090
23	7140	6650	7390	7060
24	6400	8620	7390	7470
25	6160	7390	7140	6900
26	4680	6160	8120	6320
27	5170	5660	8120	6320
28	5910	5910	6890	6240
29	5910	7630	6160	6570
30	6160	18960	8120	11080
31	12800	13790	10090	12230
M	8630	11210	10270	10040

Date	I	II	III	M
1	12800	19940	13050	15260
2	4190	6890	7880	6320
3	15260	4920	31510	17230
4	22160	18220	16250	18880
5	7390	7630	9110	8040
6	20930	13050	11820	15270
7	14030	15510	12560	14030
8	13050	33240	14280	20190
9	24370	22400	6890	17890
10	3450	6160	7880	5830
11	35950	32010	25360	31110
12	18710	13290	17480	16490
13	24370	25110	23640	24370
14	11820	10090	14280	12060
15	15020	13050	10830	12970
16	17970	11820	23390	17730
17	7880	15020	21910	14940
18	10340	5660	8370	8120
19	15260	14770	17970	16000
20	27820	9600	28070	21830
21	18710	15260	11080	15020
22	9600	11570	11570	10910
23	6650	4430	7630	6240
24	18960	27330	16740	21010
25	11530	20680	9600	13870
26	9600	9110	19450	12720
27	8370	18220	18710	15100
28	20930	24620	22400	22650
29	16250	9850	9360	11820
30	10340	17730	12800	13620
31	9110	19200	14530	14280
M	14920	15370	15370	15220

NOMBRE DE NOYAUX DE CONDENSATION

PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI

PER 1 CM³ OF AIR

Septembre - September

1980

Octobre - October

Date	I	II	III	M
1	7880	8620	6160	7550
2	9850	28810	22160	20270
3	21910	27820	14280	21340
4	10830	29540	23140	21170
5	15510	7630	40130	21090
6	18220	16000	8120	14110
7	6650	8620	14030	9770
8	17230	8370	22650	16080
9	14770	12310	17730	14940
10	10590	9850	10090	10180
11	6650	12800	9110	9520
12	8860	12060	11080	10670
13	17230	16000	8620	13950
14	6160	6650	6890	6570
15	15510	47270	17480	26750
16	16990	30280	16250	21170
17	5420	13790	15020	11410
18	9850	8860	12060	10260
19	27330	54160	16000	32500
20	25110	58600	29050	37590
21	24130	43580	23640	30450
22	24620	12310	20430	19120
23	5910	10590	20930	12480
24	24620	9360	29050	21010
25	15020	17730	26590	19780
26	14280	17230	9600	13700
27	9360	8620	11570	9850
28	13290	4920	15760	11320
29	12800	13290	14280	13460
30	10340	5420	9110	8290
M	14230	18700	16700	16540

Date	I	II	III	M
1	11820	21420	14530	15920
2	9360	12060	4920	8780
3	10090	53920	22900	28970
4	25360	14530	35950	25280
5	7140	13290	13050	11160
6	16740	14280	13790	14940
7	13290	10590	10340	11410
8	6400	16740	6400	9850
9	8860	6650	8120	7880
10	19700	14030	9360	14360
11	13540	10590	11330	11820
12	6890	13790	17230	12640
13	10830	13050	12560	12150
14	7140	9360	6400	7630
15	10830	11330	17230	13130
16	16990	26340	38410	27250
17	7880	27820	9360	15020
18	8120	16990	10090	11730
19	7390	7630	13050	9360
20	35210	22160	18220	25200
21	13540	11080	16740	13790
22	7630	15510	18220	13790
23	13290	5910	17480	12230
24	9850	14280	18460	14200
25	17970	13050	12800	14610
26	10340	64500	30530	35120
27	48990	92570	26340	55970
28	11330	12800	16990	13710
29	14280	9110	10830	11410
30	7880	16000	21910	15260
31	13290	17730	15020	15350
M	13610	19650	16080	16450

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CM³ OF AIR

Novembre - November

1980

Décembre - December

Date	I	II	III	M
1	24130	10090	12060	15430
2	5420	7390	7140	6650
3	22650	12060	12060	15590
4	7880	9600	11820	9770
5	(20930)	15020	12800	(16250)
6	17480	20190	7630	15100
7	15510	17230	28310	20350
8	8860	5910	8120	7630
9	8120	18220	9850	12060
10	9850	16000	15510	13790
11	17480	14530	22160	18060
12	34470	20680	14770	23310
13	13540	17480	12060	14360
14	11820	22650	19200	17890
15	14770	22400	17480	18220
16	8860	9850	17730	12150
17	15020	15260	28310	19530
18	16500	14770	10590	13950
19	16000	26100	7880	16660
20	20190	20680	30530	23800
21	16000	26590	20930	21170
22	20430	16740	18960	18710
23	7140	8370	5660	7060
24	9360	13050	15760	12720
25	10340	12310	6400	9680
26	12060	20190	9110	13790
27	13540	23880	(70000)	(35810)
28	(29750)	12560	17230	(19850)
29	19700	56380	10090	28720
30	6160	13790	15260	11740
M	15130	17330	16510	16320

Date	I	II	III	M
1	13790	66230	71400	50470
2	89860	65980	(70000)	(75280)
3	(15020)	24400	8370	(15930)
4	15550	51190	20680	29140
5	18960	22650	23390	21670
6	25600	24130	13290	21010
7	17480	21170	7630	15430
8	11570	16990	15020	14530
9	13290	17230	18220	16250
10	19940	22160	17730	19940
11	11820	14030	9110	11650
12	8620	21910	22160	17560
13	14280	12560	23390	16740
14	10090	15510	13290	12960
15	19200	13290	9850	14110
16	10090	14280	24130	16170
17	16740	27570	48750	31020
18	9110	20190	16740	15350
19	10830	25600	36190	24210
20	8860	17970	22900	16580
21	15760	21910	50720	29460
22	11330	12310	11820	11620
23	12060	20430	26100	19530
24	17730	10830	10090	12880
25	7140	14030	12560	11240
26	4680	5660	7880	6070
27	22160	13540	14030	16580
28	6890	9850	12800	9850
29	14770	13790	17970	15510
30	8860	17970	7880	11570
31	6400	7880	13050	9110
M	15760	21390	21840	19660

Janvier - January

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980

TMOY - GMT

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature								Tension de la vapeur Vapour pressure				Humidité relative Relative humidity					Vent-direction et vitesse Wind velocity and direction							
	900 + ... [hPa]				[°C]								[hPa]				[%]					[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	88.5	87.0	87.1	87.8	-2.9	-3.6	-1.3	-2.5	-2.6	-1.0	-4.1	3.1	-7.0	4.5	5.2	4.5	4.7	94	97	95	89	94	O	0	O	O	O	0.0	
2	89.0	91.4	93.0	91.1	-2.9	-2.3	-2.7	-2.7	-2.6	-1.8	-3.7	1.9	-3.8	4.9	4.3	4.7	4.6	94	96	86	93	92	W	1	W	2	WNW	1	1.3
3	98.8	100.9	103.6	101.1	-2.2	-4.9	-2.7	-4.2	-3.5	-1.8	-5.1	3.3	-10.9	3.9	4.2	4.1	4.1	91	93	84	91	90	W	1	W	2	W	2	1.7
4	104.8	105.1	105.0	105.0	-4.5	-5.3	-4.0	-4.2	-4.5	-3.5	-6.0	2.5	-7.2	3.8	3.9	4.0	3.9	90	93	87	89	90	W	1	W	2	W	2	1.7
5	103.7	102.3	102.9	103.0	-4.5	-5.6	-3.1	-3.7	-4.2	-2.8	-5.5	2.7	-7.5	3.6	4.2	3.6	3.8	91	90	86	78	86	W	1	E	1	E	1	1.0
6	104.6	106.2	105.9	105.6	-4.2	-7.5	-3.7	-9.4	-6.2	-3.6	-9.4	5.8	-14.8	3.0	3.1	2.8	3.0	81	87	67	95	82	ESE	1	ESE	1	O	O	0.7
7	106.0	107.1	110.1	107.7	-5.5	-4.8	-4.7	-9.8	-6.2	-4.5	-9.8	5.3	-16.4	3.6	3.2	2.5	3.1	95	83	74	85	84	E	2	SSE	1	SSE	1	1.3
8	113.0	114.2	114.8	114.0	-11.3	-7.6	-4.9	-3.1	-6.7	-3.0	-12.1	9.1	-14.8	3.2	4.2	4.8	4.1	88	93	100	99	95	C	O	N	1	O	O	0.3
9	116.7	116.3	117.4	116.8	-4.6	-5.8	-5.6	-6.6	-5.6	-2.5	-6.6	4.1	-9.8	3.4	2.8	3.1	3.1	89	87	69	83	82	ESE	1	SE	1	ESE	1	1.0
10	118.3	119.1	119.7	119.0	-11.4	-15.8	-9.9	-13.6	-12.7	-6.6	-15.9	9.3	-21.3	1.6	2.2	2.0	1.9	88	91	75	92	86	NE	1	E	1	NE	1	1.0
11	123.8	125.0	126.6	125.1	-9.4	-15.1	-10.2	-14.9	-12.4	-8.4	-15.9	7.5	-19.9	1.6	1.9	1.7	1.7	82	86	68	87	81	NE	1	ENE	1	O	O	0.7
12	129.8	131.1	131.0	130.6	-17.2	-11.2	-4.4	-4.8	-9.4	-4.0	-17.8	13.8	-21.5	2.3	3.6	3.9	3.3	89	90	81	91	88	WNW	1	WNW	1	WNW	1	1.0
13	128.4	126.3	123.4	126.0	-4.9	-5.2	-3.4	-9.9	-7.8	-3.2	-9.9	6.7	-16.9	3.6	3.7	2.6	3.3	94	88	79	91	88	W	1	W	1	W	1	1.0
14	116.1	112.4	110.6	113.0	-10.5	-9.3	-4.4	-8.1	-8.1	-3.4	-12.9	9.5	-18.6	2.6	2.7	2.8	2.7	93	85	60	84	80	SW	1	SW	1	O	O	0.7
15	104.9	103.2	102.8	103.6	-12.3	-14.6	-8.3	-12.4	-11.4	-7.9	-14.6	8.7	-19.8	1.8	2.4	2.0	2.1	93	91	63	85	83	SSE	1	SSW	2	SSW	1	1.3
16	100.8	101.3	104.0	102.0	-14.3	-7.4	-2.0	-8.6	-8.1	-1.8	-15.8	14.0	-21.3	3.3	4.0	2.9	3.4	90	93	77	92	88	W	1	W	1	O	O	0.7
17	110.7	111.6	112.7	111.7	-14.2	-15.3	-6.0	-13.5	-12.2	-6.0	-16.9	10.9	-22.3	1.6	3.5	1.9	2.3	84	86	89	88	87	O	O	S	1	S	1	0.7
18	111.3	109.9	109.9	110.4	-15.9	-17.9	-8.6	-13.7	-14.0	-7.0	-17.9	10.9	-22.4	1.3	2.6	1.9	1.9	88	90	80	88	86	SSE	1	SSW	1	SW	1	1.0
19	110.2	109.5	110.3	110.0	-14.9	-17.1	-4.2	-9.9	-11.5	-3.9	-17.2	13.3	-20.4	1.4	3.0	2.5	2.3	88	85	68	88	82	E	1	E	1	E	1	1.0
20	111.0	111.2	112.6	111.6	-12.6	-13.5	-4.6	-6.8	-9.4	-4.0	-13.5	9.5	-19.2	2.1	3.5	3.2	2.9	94	96	81	88	90	ESE	1	ESE	1	S	1	1.0
21	114.4	114.2	113.3	114.0	-8.8	-8.2	-5.0	-3.7	-6.4	-3.5	-9.9	6.4	-18.0	3.0	3.6	3.9	3.5	92	92	85	85	88	SE	2	E	2	E	2	2.0
22	107.9	104.8	112.0	108.2	-2.8	-3.1	1.1	-0.1	-1.2	1.7	-3.7	5.4	-3.9	4.4	4.5	4.8	4.6	89	90	68	78	81	SSE	2	SSE	4	SSE	4	3.3
23	98.0	94.7	93.3	95.3	-0.5	-0.8	0.6	0.7	0.0	0.9	-1.6	2.5	-4.3	4.9	6.1	6.3	5.8	81	85	96	98	90	SSW	1	SE	2	O	O	1.0
24	92.8	93.6	91.7	93.7	0.7	0.9	1.0	0.4	0.8	1.1	0.4	0.7	0.1	6.4	6.6	6.3	6.4	97	98	100	100	99	SW	1	SW	1	SW	1	1.0
25	98.1	98.4	98.2	98.2	0.3	-0.4	0.5	0.1	0.1	0.8	-0.6	1.4	-0.9	5.9	6.1	6.0	6.0	100	100	96	98	98	W	1	W	1	W	1	1.0
26	98.7	98.0	99.9	98.9	-0.5	-5.2	-2.9	-7.0	-3.9	0.1	-7.0	7.1	-12.3	3.7	4.4	3.0	3.7	96	90	88	82	89	W	1	W	1	W	1	1.0
27	100.0	98.6	102.0	100.2	-11.7	-14.5	-8.2	-6.5	-10.2	-6.3	-14.8	8.5	-21.8	1.7	2.8	3.3	2.6	86	87	87	89	87	S	1	S	2	W	1	1.3
28	114.4	114.3	113.3	114.0	-8.0	-11.2	-5.9	-9.2	-8.6	-5.7	-12.9	7.2	-20.0	2.3	3.2	2.3	2.6	86	90	81	76	83	W	1	W	1	W	1	1.0
29	109.6	110.0	108.9	109.5	-9.4	-12.8	-6.7	-12.8	-10.4	-6.5	-14.9	8.4	-24.8	2.0	2.8	2.0	2.3	88	88	75	88	85	W	2	SW	1	W	1	1.3
30	103.0	96.8	89.3	96.4	-14.4	-13.1	-3.0	0.7	-8.0	0.7	-14.4	15.1	-23.7	2.0	3.8	6.0	3.9	86	88	90	94	90	SSE	1	SSE	1	SW	2	1.3
31	86.5	86.7	83.3	85.5	3.7	3.5	5.4	2.3	3.7	5.7	0.7	5.0	0.1	6.6	6.9	7.1	6.9	83	85	77	98	86	SW	2	SSW	1	SSW	2	1.7
M	106.9	106.5	106.8	106.7	-7.5	-8.2	-3.9	-6.4	-6.5	-2.9	-10.0	7.1	-14.4	3.2	3.8	3.6	3.5	90	90	81	89	88		1.1	1.3	1.0	1.1		

Date	Nébulosité Cloudiness (0-10)				La forme des nuages Type of clouds			Précipitation Precipitation (mm)	Couche de neige Snow cover (cm)	Remarques Remarks
	6h	12h	18h	M	6h	12h	18h			
1	10	10	10	10.0	Se	Ne	Ne	0.3	6	=na-13 ³⁰ ; * ⁰ ₈ ⁵⁸ ... ⁹ ₃₂ ; * ⁰ ₁₂ ¹¹ ... ¹³ ₀₃ ; * ⁰ ₁₂ ³³ -24 ⁰⁰
2	10	10	10	10.0	Ne	Ne	Ne	0.0	7	* ⁰ ₁ ⁰⁰ -13 ³¹ ; * ⁰ ₁ ³⁹ ... ⁶ ₄₂ ; * ⁰ ₁₆ ⁴⁹ -17 ¹⁵ ; * ⁰ ₂₂ ⁴⁵ -23 ⁰¹ ; * ⁰ ₂₃ ²⁹ -24 ⁰⁰
3	10	10	10	10.0	As	Ne	Ne	0.4	7	* ⁰ ₀ ⁰⁰ -13 ³⁰ ; * ⁰ ₁ ²⁹ ...24 ⁰⁰ ; * ⁰ ₁₆ ⁴⁹ -17 ¹⁵ ; * ⁰ ₂₂ ⁴⁵ -23 ⁰¹ ; * ⁰ ₂₃ ²⁹ -24 ⁰⁰
4	10	10	9	9.7	Ne	As, As, Cu	As	0.2	9	* ⁰ ₁ ⁰⁰ ... ¹¹ ₄₂ ; * ⁰ ₁ ²⁹ ...16 ²⁷ ; * ⁰ ₂₀ ³² -24 ⁰⁰
5	10	9	10	9.7	St	Cu	As	0.0	8	* ⁰ ₀ ⁰⁰ -12 ²⁹ ; * ⁰ ₁₁ ¹³ -11 ²¹ ; =na-14 ²⁴
6	5	4	0	3.0	As	C1, Cu			8	* ⁰ ₁₇ ²⁰ -ap
7	10	10	0	6.7	Se	Ne			7	* ⁰ ₁₆ ³⁰ -ap
8	10	10	10	10.0	St	St	Ne	0.0	7	* ⁰ ₈ ³² -12 ²² ; * ⁰ ₁₃ ⁴³ ...13 ⁴⁹ ; =s ⁶⁰ -ap
9	10	10	10	10.0	St	St	St	0.0	7	* ⁰ ₇ ⁴² ...11 ¹² ; * ⁰ ₁₃ ⁴³ ...13 ⁴⁹ ; =s ⁶⁰ -ap
10	0	0	9	3.0			Cu, C1		7	* ⁰ ₈ ³² -12 ²² ; * ⁰ ₁₃ ⁴³ ...13 ⁴⁹ ; =s ⁶⁰ -ap
11	0	0	0	0.0					7	* ⁰ ₁₇ ²⁰ -ap
12	10	10	10	10.0	Se	Se	Se	0.2	7	* ⁰ _{na} ⁷ ¹⁸ ; =na-10 ¹¹ ; * ⁰ ₄ ⁴⁸ ...13 ⁴⁵ ; * ⁰ ₁₆ ⁰³ -23 ⁰⁰ ; * ⁰ ₂₃ ⁰⁰ ...24 ⁰⁰
13	10	8	0	6.0	Se	Se, Cu		0.0	7	* ⁰ ₀ ⁰⁰ ...12 ¹² ; * ⁰ ₇ ²¹ -8 ²² ; * ⁰ ₁₀ ⁵⁸ -11 ²¹ ; * ⁰ ₁₇ ²⁰ -ap
14	0	0	0	0.0					7	* ⁰ _{na} ⁴ ⁴⁰
15	1	0	0	0.3	C1			0.0	7	=na-9 ¹² ; * ⁰ _{na} ⁸ ³⁰ ; * ⁰ ₁₇ ²⁰ -ap
16	10	2	0	4.0	St	Cu		0.0	7	* ⁰ _{na} ⁵ ¹⁵ ; * ⁰ ₁₇ ²⁰ -ap; =na-8 ¹⁵ ; * ⁰ ₈ ⁴⁵ -8 ⁰⁶ ; * ⁰ ₈ ⁵⁴ -8 ³⁸
17	10	0	0	3.3	As				7	=na-6 ²⁰ ; =7 ³⁵ -16 ²⁰ ; =20 ⁰⁰ -ap; =2 ²⁰ -6 ⁴⁰ ; =8 ⁴⁰ -7 ¹⁵ ; =17 ¹⁵ -7 ³⁵
18	0	0	0	0.0					7	=na-11 ⁵⁰ ; * ⁰ _{na} ¹² ³⁰ ; * ⁰ ₁₇ ²⁰ -ap
19	0	0	0	0.0					7	=na-11 ¹⁰ ; * ⁰ _{na} ¹⁰ ²⁰ ; * ⁰ ₁₈ ²⁰ -ap
20	0	2	0	0.7		Cu			7	* ⁰ _{na} ⁹ ²⁰
21	10	10	10	10.0	St	St	St	0.0	7	* ⁰ ₈ ⁰⁸ ...11 ³⁹
22	10	1	10	7.0	St	As	St	0.0	7	* ⁰ ₂₁ ⁰⁸ ...21 ⁵⁸
23	10	10	10	10.0	St	St	Ne	3.2	7	* ⁰ ₁₉ ⁰⁹ ...19 ³⁸ ; * ⁰ ₁₉ ³⁸ -23 ¹⁸ ; =13-ap
24	10	10	10	10.0	St	St	St	0.2	8	* ⁰ ₁₃ ³⁷ -45; * ⁰ ₈ ¹² ...14 ³⁸ ; * ⁰ ₁₉ ³⁸ -21 ¹⁸ ; * ⁰ ₂₁ ⁴⁸ ...22 ²⁷ ; =na-8 ²⁰
25	10	10	10	10.0	Ne	St	St	3.4	6	=16 ³⁰ -19 ³⁰ ; =8 ²⁰ -12 ⁰⁰ ; =12 ⁰⁰ -16 ³⁰
26	10	10	10	10.0	Ne	St	St	3.4	6	* ⁰ ₁₃ ³² ...6 ⁵¹ ; * ⁰ ₈ ¹³ ...10 ¹² ; * ⁰ ₂₁ ²⁸ -24 ⁰⁰ ; * ⁰ ₁₀ ⁵¹ -12 ¹⁸ ; * ⁰ ₁₃ ²⁷ -17 ⁴⁵
27	10	10	10	10.0	Ne	Ne	As	3.9	10	* ⁰ ₁₉ ⁰³ ...20 ³⁰
28	10	10	7	9.0	Se	As	As	1.4	18	* ⁰ ₁ ⁰⁰ -43; * ⁰ ₁ ⁵⁷ -18 ⁵¹ ; * ⁰ ₁₇ ¹⁵ ...22 ²¹
29	6	9	9	8.0	As	As, Cb, Cu	As	0.0	18	* ⁰ ₁₅ ⁵⁸ -20 ⁰⁴ ; * ⁰ ₄ ⁰⁴ ...4 ⁴⁸ ; * ⁰ ₈ ²⁰ -8 ²⁸ ; * ⁰ ₈ ⁵⁷ -7 ¹⁶ ; * ⁰ ₁₀ ¹⁴ -17 ³⁶
30	4	1	8	4.3	Cu	Cu	As	0.1	18	* ⁰ ₁₉ ⁰³ ...21 ⁵⁷
31	10	10	10	10.0	Se	As, Ac	Ne	2.0	18	* ⁰ ₄ ³⁰ -4 ⁴⁴ ; * ⁰ ₁₀ ³⁴ -11 ⁵⁴ ; * ⁰ ₁₂ ²⁹ ...13 ²¹ ; * ⁰ ₁ ²⁰
										* ⁰ ₄ ⁴⁹ -8 ²¹ ; * ⁰ ₀ ⁰⁰ -5 ⁵⁸ ; * ⁰ ₁₀ ⁰⁴ -10 ³³
										* ⁰ _{na} ¹⁰ ³⁰ ; * ⁰ ₁₁ ¹² -17 ⁴⁷ ; * ⁰ ₁₈ ⁵⁹ ...20 ³⁰ ; * ⁰ ₂₃ ³⁸ ...24 ⁰⁰
										* ⁰ ₀ ⁰⁰ ...17; * ⁰ ₁ ³⁴ ...16 ⁵¹ ; * ⁰ ₁₂ ¹⁵ -24 ¹⁵
M	7.3	6.3	6.2	6.6				18.6 ^a		^a Le total mens - Monthly mean

Février - February

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1960

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	80.9	81.7	90.2	84.3	3.3	3.3	7.4	1.6	3.9	8.0	1.6	6.4	-0.8	6.5	7.1	5.1	6.2	98	85	69	74	82	SE	1	SSW	2	SSW	5	2.7
2	109.5	109.1	102.6	104.4	-14.9	-4.4	0.2	-2.1	-2.0	1.6	-4.8	8.4	-7.5	7.2	3.4	3.6	3.4	72	72	55	68	67	SSW	1	SW	2	S	2	1.7
3	92.9	93.1	94.9	93.6	0.3	1.5	2.9	3.3	2.0	4.5	-2.3	6.8	-4.1	4.4	6.6	7.0	6.0	71	65	88	90	78	S	3	SSW	1	W	1	1.7
4	92.3	89.8	91.7	91.3	14.8	0.3	0.7	0.1	0.7	3.3	-0.1	3.4	-1.4	6.1	6.3	6.0	6.1	93	98	98	98	97	E	1	E	2	NE	2	1.7
5	97.0	94.7	94.4	93.4	-12.8	-3.4	-2.0	-2.1	-2.3	0.1	-3.4	3.5	-2.9	4.4	4.8	3.0	4.7	94	92	92	96	94	WVW	1	NE	1	E	1	1.0
6	94.1	93.6	99.7	96.5	-14.8	-0.6	0.7	0.4	-0.3	0.9	-3.4	4.3	-9.4	5.6	6.3	6.2	6.0	96	95	98	98	97	NEE	1	NEE	1	NW	1	1.0
7	103.2	103.4	108.0	103.5	-0.3	-0.7	0.5	-0.3	-0.2	0.9	-0.7	1.6	-0.8	5.8	6.0	5.8	5.9	100	100	94	98	98	NW	1	N	1	C	0	0.7
8	109.3	109.2	109.7	109.4	-0.4	0.1	1.2	2.4	0.8	2.5	-0.9	3.4	-2.0	5.8	6.5	7.1	6.5	99	94	98	98	97	SE	1	S	1	S	1	1.0
9	110.6	112.8	111.4	111.3	2.0	0.9	-0.1	-0.7	0.5	2.4	-0.7	3.1	-0.1	6.4	6.1	5.2	5.9	93	98	100	89	95	NW	1	NEE	1	NE	1	1.0
10	106.6	103.9	103.6	104.7	-0.8	0.2	3.3	0.7	0.8	3.5	-0.9	4.4	-0.9	3.9	6.7	6.3	6.3	89	96	86	98	92	E	1	S	1	C	0	0.7
11	103.5	104.3	105.7	104.5	-0.1	0.9	2.8	2.5	1.5	2.9	-0.4	3.3	-0.8	6.4	7.5	7.3	7.1	98	98	100	100	99	W	1	W	1	W	2	1.3
12	105.9	106.7	108.7	107.1	14.6	12.1	0.5	-0.9	0.6	2.5	-0.9	3.4	-0.9	6.4	6.2	5.5	6.0	97	96	98	97	97	NW	1	NW	1	WVW	1	1.0
13	112.8	114.7	115.7	114.4	-1.8	-3.3	-2.4	-3.1	-2.6	-0.9	-3.3	2.4	-4.4	4.4	4.3	4.4	4.4	95	92	85	90	90	NE	1	E	1	C	0	0.7
14	114.6	114.4	113.7	114.2	-2.7	-3.4	0.3	-4.6	-2.6	0.5	-4.6	5.1	-13.4	4.4	3.5	3.7	3.9	94	92	57	86	82	E	1	S	1	S	1	1.0
15	113.8	113.5	112.4	113.2	-6.0	-3.3	-2.9	-2.8	-4.2	-2.3	-6.4	4.1	-13.4	4.0	4.5	4.8	4.4	94	98	91	97	95	SSE	1	S	1	S	1	1.0
16	106.8	103.8	103.1	104.6	-4.2	-3.5	3.3	1.0	-14.4	3.5	-5.7	9.2	-8.7	3.9	5.2	5.8	5.0	99	97	68	88	88	SE	2	S	2	S	1	1.7
17	104.2	107.6	111.0	107.6	0.5	0.6	-0.1	0.1	0.3	1.0	-0.4	1.4	-0.1	6.3	5.3	5.9	5.8	99	98	88	96	95	NW	1	W	1	NW	1	1.0
18	116.3	118.2	120.5	118.3	-0.5	-0.1	0.7	0.2	0.1	0.7	-0.6	1.3	-0.9	6.1	5.9	5.8	5.9	98	100	92	94	96	N	1	NEE	1	N	1	1.0
19	123.6	124.3	124.2	124.0	-0.3	-0.5	1.5	-2.1	-0.4	1.5	-2.1	3.6	-6.1	4.9	4.9	4.1	4.6	90	84	72	78	81	E	1	E	1	C	0	0.7
20	124.9	124.1	123.4	124.1	-6.6	-9.0	-0.3	-6.6	-3.6	-0.3	-9.0	8.7	-12.2	3.0	3.3	3.3	3.2	91	98	55	88	83	SE	1	E	1	C	0	0.7
21	122.6	122.6	122.4	122.5	-7.1	-7.2	-0.9	-4.4	-4.9	0.0	-10.1	10.1	-12.2	3.4	3.9	3.8	3.7	99	96	69	86	88	E	1	E	1	C	0	0.7
22	125.0	126.3	126.2	125.8	-6.7	-5.5	-3.4	-4.0	-4.9	-3.0	-6.9	3.9	-10.2	3.9	4.2	4.4	4.2	99	97	88	96	95	E	1	E	1	E	1	1.0
23	127.9	128.9	130.3	129.0	-3.8	-3.7	-2.5	-2.7	-3.2	-2.3	-4.0	1.7	-4.3	4.4	4.6	4.5	4.5	95	94	91	91	93	SE	1	SE	1	SE	1	1.0
24	129.7	129.0	126.6	128.5	-3.7	-4.2	-2.7	-4.0	-3.6	-2.5	-4.3	1.8	-4.4	4.1	4.5	4.4	4.3	94	91	91	96	93	E	1	NEE	1	ENE	1	1.0
25	121.5	119.1	117.9	119.5	-3.2	-6.7	-3.7	-3.6	-5.3	-3.5	-7.1	3.6	-6.0	3.6	4.3	3.9	3.9	98	96	92	97	96	SE	1	NW	1	NW	1	1.0
26	119.3	120.5	120.4	120.1	-6.4	-7.4	-3.4	-4.4	-5.9	-3.9	-7.4	3.5	-6.9	3.3	3.6	3.7	3.5	95	93	87	84	90	W	1	SE	1	C	0	0.7
27	120.1	119.9	121.3	120.4	-4.0	-4.3	-1.2	-1.9	-2.8	-1.0	-4.4	3.4	-4.6	3.8	3.5	3.8	3.7	85	86	62	71	76	NEE	1	NW	1	NE	1	1.0
28	122.0	119.8	116.8	119.5	-3.2	-8.7	-1.2	-4.6	-4.4	0.8	-8.7	9.5	-11.3	3.0	3.7	3.6	3.4	78	95	66	84	81	NE	1	SW	1	C	0	0.7
29	105.7	104.1	104.9	104.9	-4.9	-3.4	-0.4	-1.3	-2.5	-0.1	-7.3	7.2	-11.6	4.2	4.5	5.0	4.6	94	88	76	90	87	SSE	1	SSE	1	C	0	0.7
M	110.8	110.8	111.4	111.0	-2.2	-2.7	-0.1	-1.6	-1.7	0.7	-3.8	4.5	-3.6	4.7	5.1	5.0	4.9	93	93	83	90	90	1.1	1.1	0.9	1.0			

Février - February

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980
TMEF - OTM

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Précipitation [mm]	Couche de neige Snow cover [cm]	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	10	8	10	9.3	Se	Se, Cu	Se	0.1	8	0 ⁰⁰ -0 ¹⁸ , 0 ¹⁴ 27...14 ⁴² , 0 ¹⁶ 27...16 ¹² , 0 ¹⁷ 03...17 ³⁹ , 0 ²⁰ 45...22 ³⁰
2	0	0	0	0.0	.	.	.	.	.	.
3	10	10	10	10.0	Se	St	St	0.2	.	0 ⁰⁰ 09-11 ⁵⁴ , 0 ⁰¹ 13-27...16 ¹² , 0 ⁰¹ 17-30...23 ⁰⁰ , 0 ²³ 00-24 ⁰⁰
4	10	10	10	10.0	Se	Ne	Ne	0.8	.	0 ⁰⁰ 00-1 ³⁸ , 0 ⁰¹ 35...3 ⁴⁶ = ne-8 ⁵⁰ , 0 ⁰⁰ 12-17 ³⁰ , 0 ¹⁷ 30-24 ⁰⁰
5	10	10	10	10.0	Ne	St	Ne	1.2	5	0 ⁰⁰ 00-2 ⁴¹ , 0 ⁰¹ 17-18-21 ⁵¹ = 0 ²³ 18-24 ⁰⁰
6	10	10	10	10.0	Ne	St	Ne	2.2	6	0 ⁰⁰ 00-6 ¹⁶ , 0 ⁰¹ 16-10 ²⁵ , 0 ¹³ 12...15 ⁰⁵
7	10	10	10	10.0	St	St	St	.	7	0 ⁰⁰ 00-8 ²⁰ = 8 ²⁰ -ap
8	10	10	10	10.0	St	Ne	St	0.8	7	0 ⁰⁰ 00-1 ¹⁰ , 0 ⁰⁰ 38-8 ⁵¹ , 0 ⁰¹ 52-12 ³¹
9	10	10	10	10.0	St	Ne	St	0.5	5	0 ⁰⁰ 00-5 ³⁰ , 0 ⁰⁵ 30-8 ²⁰ = 9 ²⁰ -ap, 0 ¹⁵ 54...7 ⁰⁹ , 0 ⁰⁸ 00-13 ⁵³ , 0 ¹⁵ 23-18 ⁴⁷ , 0 ¹⁷ 08-19 ²⁸ , 0 ²³ 38-24 ⁰⁰
10	10	10	10	10.0	St	St	St	1.7	8	0 ⁰⁰ 00-0 ²⁸ = 14 ⁴⁰ -ap
11	10	10	10	10.0	Ne	St	St	1.4	3	0 ⁰⁰ 00-7 ⁴⁰ = 1 ⁴⁰ -9 ⁴⁰ , 0 ⁰⁰ 40-10 ¹⁰ = 10 ¹⁰ -ap, 0 ⁰¹ 16-6 ³⁹ , 0 ¹⁸ 30-20 ³² , 0 ²⁰ 32-23 ⁰⁰ , 0 ²³ 00...24 ⁰⁰ , 0 ⁰⁰ 39...10 ⁵⁷ , 0 ¹⁴ 39...19 ³⁰
12	10	10	10	10.0	Ne	Ne	Ne	4.9	.	0 ⁰⁰ 00-7 ¹⁹ , 0 ⁰¹ 19-16 ⁵⁴ , 0 ⁰¹ 17-32-24 ⁰⁰ = 10 ¹⁰ -16 ³⁰
13	10	10	10	10.0	Ne	St	St	0.0	7	0 ⁰⁰ 00-1 ⁰⁰ -4 ¹¹ , 0 ⁰⁸ 29-10 ⁰⁷
14	10	0	0	3.3	St	.	.	.	6	.
15	10	10	10	10.0	St	St	St	.	6	.
16	4	8	9	7.0	Ca, Cl	Ca, Cl	Ca, Cl	1.0	5	V ¹ na-9 ¹ = 1 ^{na} -8 ¹⁰ = 0 ⁸ 10-9 ²⁸ = 9 ²⁸ -ap
17	10	10	10	10.0	Ne	St	St	0.3	4	V ¹ na-8 ²⁸ = 0 ¹⁹ 52-22 ⁰⁰ , 0 ²² 00-2 ⁰⁰
18	10	10	10	10.0	St	St	St	0.1	4	0 ⁰⁰ 00-1 ⁰⁵ , 0 ⁰⁵ 05...11 ⁴² , 0 ⁰¹ 12-24 ⁰⁰ = 1 ^{na} -9 ³⁰
19	10	10	0	6.7	St	Se	.	.	3	0 ⁰⁰ 00-1 ⁰⁰ -4 ¹⁸ , 0 ⁰⁹ 18...19 ¹⁸
20	8	1	0	3.0	Cl, Cs	Cl, Cu	.	0.0	.	0 ⁰⁰ na-7 ³⁰ , 0 ¹⁷ 05-ap
21	10	0	0	3.3	Se	.	.	0.0	.	V ⁰ na-10 ⁴⁰ , 0 ⁰⁵ 39...5 ⁴⁸ , 0 ⁰⁸ 01-6 ¹⁸ , 0 ⁰⁸ 57-7 ³²
22	10	10	10	10.0	St	St	St	0.0	.	V ¹ na-9 ³⁰ = na-10 ²⁰ = 0 ²¹ 58...24 ⁰⁰
23	10	10	10	10.0	St	St	St	0.0	.	0 ⁰⁰ 00...0 ⁵¹ , 0 ⁰⁸ 54...7 ³³
24	10	10	10	10.0	St	St	St	0.0	.	0 ⁰⁰ 00...0 ³⁵ -15 ⁰⁸ , V ⁰ na-8 ⁵⁰ , V ¹ na-14 ⁵⁰ , 0 ²² 03...24 ⁰⁰
25	10	10	10	10.0	St	St	St	0.0	.	0 ⁰⁰ 00...0 ⁰⁹ , V ¹ na-na ¹ = na-10 ²⁰ , 0 ⁰⁸ 30...9 ³⁹
26	10	10	10	10.0	St	St	St	0.0	.	V ¹ na-14 ²⁰ ,

Mars - March

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980

ZMOT - 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						
					+ 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	98.4	91.4	94.5	94.8	-0.8	-0.7	1.0	2.3	0.4	2.5	-1.4	3.9	-2.6	5.1	6.4	5.8	5.8	96	87	98	80	90	S	2	W	2	SW	3	2.3
2	95.3	94.5	89.7	93.2	2.3	1.1	2.7	1.3	1.8	3.8	0.9	2.9	-0.8	5.2	5.1	6.5	9.6	83	79	69	96	82	W	3	W	3	W	3	3.0
3	85.3	90.6	94.3	90.1	0.4	-3.7	-2.2	-4.2	-2.4	1.5	-4.2	5.7	-8.9	4.4	3.3	3.2	3.6	97	94	64	72	82	WNW	5	W	5	WNW	3	4.3
4	97.2	99.9	102.6	99.9	-3.6	-5.4	-0.9	-5.0	-4.2	-0.5	-6.4	3.9	-11.2	3.5	2.6	3.7	3.5	79	85	46	88	74	W	1	W	5	WNW	1	2.3
5	110.4	110.4	112.0	110.9	-8.4	-8.8	0.0	-4.4	-3.4	0.6	-8.9	9.5	-16.3	2.5	3.3	3.3	3.0	85	80	54	74	73	W	1	W	2	0	0	1.0
6	108.5	109.0	99.5	103.7	-7.8	-6.8	3.2	0.5	-2.7	3.8	-8.0	11.8	-14.3	3.1	4.1	4.0	3.7	84	85	53	63	71	SE	1	W	3	SW	2	2.0
7	91.0	89.1	90.1	90.1	-1.1	-1.7	6.2	2.1	1.4	6.9	-1.9	8.8	-5.0	3.8	4.8	6.1	4.9	67	71	50	85	68	SSW	1	SSW	3	SE	2	2.0
8	90.7	90.9	91.5	91.0	1.6	1.3	2.2	0.9	1.5	2.5	0.3	2.2	-0.5	5.8	6.6	6.4	6.5	87	87	93	98	91	SE	1	E	2	E	1	1.3
9	94.7	97.4	100.6	97.6	1.1	0.9	3.9	1.1	1.8	4.0	0.6	3.4	0.6	6.3	6.3	6.1	6.2	99	96	78	92	91	SE	1	SE	1	SE	1	1.0
10	104.6	109.5	108.0	105.4	-0.2	-1.4	0.9	-0.3	-0.2	1.4	-1.5	2.9	-1.8	5.2	5.1	4.9	5.1	96	93	78	82	87	NE	1	NE	1	E	1	1.0
11	106.1	106.7	108.5	107.1	-1.8	-2.1	1.7	0.1	-0.5	2.0	-2.4	4.4	-2.6	4.8	5.0	5.2	5.0	89	92	72	84	84	WNW	1	W	1	NE	1	1.0
12	110.9	111.1	111.9	111.3	-0.2	-0.4	1.9	-0.3	0.2	2.2	-0.6	2.8	-0.9	5.2	5.1	5.5	5.3	88	88	73	92	85	NE	1	E	1	NE	1	1.0
13	112.3	112.0	113.0	112.4	-1.1	-4.4	-0.9	-2.4	-2.4	-0.1	-4.4	4.3	-4.4	3.5	3.9	4.0	3.8	84	79	69	78	78	SE	2	SE	2	SE	3	2.3
14	114.6	115.5	119.8	119.3	-4.6	-3.0	2.0	-0.7	-2.1	2.5	-3.0	7.5	-3.5	3.2	4.0	3.1	3.4	78	76	57	54	66	SE	4	SSW	5	SE	4	4.3
15	116.6	115.9	115.3	115.9	-3.4	-4.4	2.8	0.7	-1.1	3.2	-4.9	8.1	-3.7	3.2	4.0	3.7	3.6	61	72	54	58	61	SE	2	SE	4	SE	3	3.0
16	119.4	114.4	112.9	114.2	-0.4	-2.5	2.6	-0.5	-0.2	4.9	-2.8	7.7	-2.8	3.6	4.5	3.6	3.9	70	72	62	61	66	E	1	E	2	E	1	1.3
17	109.8	107.7	107.7	108.4	-3.0	-3.2	3.2	-0.3	-0.8	9.3	-6.1	11.4	-7.7	2.8	2.6	3.3	2.9	62	68	29	56	54	NE	1	E	3	E	1	1.7
18	107.4	107.3	108.1	107.6	-3.3	-4.7	3.5	-1.1	-1.4	3.8	-3.7	9.5	-6.9	2.9	3.5	3.4	3.5	70	67	45	60	60	NE	1	E	2	NE	2	1.7
19	112.2	112.0	112.7	112.0	-5.0	-7.1	-1.5	-4.2	-4.4	-0.9	-7.4	6.5	-8.2	3.0	3.0	2.4	2.8	69	85	56	54	66	E	2	NE	3	NE	2	2.3
20	107.0	102.8	100.6	103.5	-7.7	-3.2	-1.7	-3.2	-8.0	-1.6	-10.0	8.4	-11.3	2.3	2.7	2.8	2.6	69	76	51	68	66	E	1	E	2	E	2	1.7
21	97.3	96.6	98.4	97.4	-8.9	-8.4	-1.9	-4.3	-5.9	-1.8	-10.8	9.0	-12.3	2.6	2.5	2.3	2.5	83	80	46	51	65	NE	3	E	4	E	1	2.7
22	103.3	104.4	106.1	104.6	-7.6	-9.0	1.1	-3.3	-4.7	1.5	-10.0	11.5	-11.3	2.5	2.3	2.6	2.1	71	82	19	54	56	NE	1	SE	2	E	2	1.7
23	107.0	106.4	107.3	106.9	-5.9	-6.8	3.6	-0.3	-2.4	3.6	-7.9	11.5	-9.0	2.7	3.2	3.8	3.2	64	75	41	64	61	SE	1	SE	3	SE	3	2.3
24	107.3	106.5	106.5	106.8	-1.9	-2.5	-1.3	-2.1	-2.0	-0.3	-2.5	2.2	-3.3	3.6	3.6	4.7	4.0	64	70	64	89	72	SE	2	E	2	E	2	2.0
25	105.4	106.2	105.1	105.6	-3.1	-4.2	-2.5	-2.6	-3.1	-2.1	-4.2	2.1	-4.3	4.1	4.5	4.6	4.4	84	91	89	91	89	E	2	E	1	E	1	1.3
26	103.6	103.0	103.3	103.3	-2.7	-1.9	3.3	1.5	0.0	3.9	-2.8	6.7	-3.5	4.7	6.0	6.3	5.7	85	89	78	92	86	SE	1	SE	1	NE	1	1.0
27	103.0	100.9	99.6	101.2	-2.4	-2.1	12.2	5.9	3.4	12.5	-3.4	15.9	-4.4	4.9	0.3	7.4	6.9	98	93	59	80	82	0	0	E	2	E	1	1.0
28	97.8	98.6	97.9	98.1	2.3	2.5	8.4	6.4	4.9	9.0	1.7	7.3	1.1	6.9	8.2	8.5	7.9	92	93	74	88	87	E	1	SE	1	SE	1	1.0
29	95.3	94.0	93.6	94.3	5.8	6.0	12.0	9.2	8.2	13.5	5.0	8.5	4.6	9.4	12.7	11.3	11.1	100	100	90	97	97	S	1	SSW	1	SE	1	1.0
30	97.0	98.0	100.4	98.5	5.1	3.4	11.6	8.8	6.7	11.7	1.6	10.1	1.2	7.8	7.4	7.6	7.6	97	100	54	77	82	SW	1	SW	1	SW	2	1.3
31	103.3	103.2	103.0	103.2	5.1	3.9	3.7	3.8	4.1	8.3	2.9	5.4	0.9	7.4	7.2	6.0	6.9	92	92	90	75	87	W	1	W	2	W	1	1.3
M	103.5	103.1	103.5	103.4	-2.0	-2.9	2.7	0.0	-0.6	3.5	-3.6	7.1	-5.1	4.4	4.9	4.9	4.7	82	84	63	76	76		1.5	2.3		1.7	1.8	

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation [mm]	Couche de neige Snow cover [cm]	Remarques Remarks
	6h	12h	18h	M	6h	12h	18h			
1	10	10	10	10.0	Sc	Ns	Sc	6.4	.	*0000...021, *0-1,03-1155, *0-1155-1255, *0137...1721
2	5	10	10	8.3	Cu	Sc	Ns	3.4	5	*0054...27, *01257-1833, *02005-2101, *0-12256-2400
3	10	10	2	7.3	Ns	Sc	Cu	0.2	7	*1000-12, *0-1,54-105, *01012...1042, *01433...1529, *0-1,1637-1856, *0-1,05-1433, *01012...1042, *01433...1529, *01418-1459, *01418-1459, *01418-1459
4	2	6	0	2.7	Cu	Cu, Ao, Ci	.	0.0	8	*01418-1459, *01418-1459, *01418-1459
5	2	4	0	2.0	Cu	Cu	.	0.0	7	*01418-1459, *01418-1459, *01418-1459
6	0	1	0	0.3	.	Ci	.	.	6	.
7	9	8	10	9.0	Sc, Ao	Ci, Co	As	0.0	.	*01652...1749, *02045-2143
8	10	10	10	10.0	St	St	Ns	1.3	.	*01004-1205, *01205-2117
9	10	10	10	10.0	Ns	Sc	Ns	2.1	.	*01205-2117, *01205-2117, *01205-2117
10	10	8	10	9.3	Ns	Ao, As, Cu	St	0.2	2	*01205-2117, *01205-2117, *01205-2117
11	10	10	10	10.0	St	Ao, As	St	0.0	.	*01205-2117, *01205-2117, *01205-2117
12	10	10	10	10.0	St	As	St	0.0	.	*01205-2117, *01205-2117, *01205-2117
13	10	7	4	7.0	Sc	Cu	Cu	.	.	*01205-2117, *01205-2117, *01205-2117
14	0	1	0	0.3	.	Ci	.	.	.	*01205-2117, *01205-2117, *01205-2117
15	1	5	7	5.3	Ci, Co	Ac	Cu, Ci	.	.	*01205-2117, *01205-2117, *01205-2117
16	9	9	0	6.0	Ao, As	Ac	.	.	.	*01205-2117, *01205-2117, *01205-2117
17	1	7	1	3.0	Ci	Ci, Co	Ci	.	.	*01205-2117, *01205-2117, *01205-2117
18	5	9	3	5.7	Ci, Co	Ci, Co	Ci	0.0	.	*01205-2117, *01205-2117, *01205-2117
19	10	3	9	7.3	St	Ao, Cu	Sc	0.0	.	*01205-2117, *01205-2117, *01205-2117
20	0	0	0	0.0	.	.	.	.	.	*01205-2117, *01205-2117, *01205-2117
21	0	5	0	1.7	.	Ci	.	.	.	*01205-2117, *01205-2117, *01205-2117
22	0	0	0	0.0	.	.	.	.	.	*01205-2117, *01205-2117, *01205-2117
23	0	0	10	3.3	.	.	Sc	.	.	*01205-2117, *01205-2117, *01205-2117
24	10	10	10	10.0	Sc	St	St	1.5	.	*01205-2117, *01205-2117, *01205-2117
25	10	10	10	10.0	St	St	St	0.6	2	*01205-2117, *01205-2117, *01205-2117
26	10	10	9	9.7	Ns	Co	Co	0.7	3	*01205-2117, *01205-2117, *01205-2117
27	10	0	4	4.7	Co	.	Ci, Co	0.0	.	*01205-2117, *01205-2117, *01205-2117
28	10	10	10	10.0	As	As	Sc	8.9	.	*01205-2117, *01205-2117, *01205-2117
29	10	10	10	10.0	Ns	Sc	As	2.0	.	*01205-2117, *01205-2117, *01205-2117
30	10	9	10	9.7	Sc	Ao, Cu	Sc	0.6	.	*01205-2117, *01205-2117, *01205-2117
31	10	10	5	8.3	Sc	Co	Ao, Ci	0.0	.	*01205-2117, *01205-2117, *01205-2117
M	6.6	6.9	5.9	6.5				24.9*		*Le total mens - Monthly mean

Avril - April

LES ÉLEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1960

TMO - GMT

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature								Tension de la vapeur Vapour pressure				Humidité relative Relative humidity					Vent-direction et vitesse Wind velocity and direction							
	900 + ... [hPa]				[°C]								+ 5 cm [hPa]				[%]					[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	101.1	99.1	98.4	99.5	1.9	2.2	11.8	5.1	5.2	12.5	0.5	12.0	-1.7	6.2	5.5	6.2	6.0	89	87	39	70	71	S	1	SW	1	W	1	1.0
2	99.9	92.5	90.9	92.4	0.0	3.8	10.4	7.0	9.3	11.0	-12.0	12.0	-3.6	6.9	6.8	9.4	8.4	95	87	70	94	86	SE	1	SE	1	SW	2	1.3
3	99.7	94.7	97.3	95.2	4.6	4.1	7.7	2.3	4.7	8.6	2.3	6.3	-1.4	7.4	6.4	6.2	6.7	88	90	61	86	81	WSW	1	W	1	SSW	1	1.0
4	100.0	101.7	103.4	101.7	2.3	1.7	3.8	2.3	2.5	9.0	0.1	4.9	-2.3	6.6	6.4	6.8	6.6	100	96	80	95	93	NNE	2	NW	4	N	2	2.7
5	106.5	108.2	112.3	109.0	1.6	1.3	3.1	2.9	2.2	3.2	0.6	2.6	0.3	6.6	7.1	6.9	6.9	95	98	93	91	94	NNE	2	NW	2	N	3	2.3
6	114.6	115.0	115.2	114.9	3.6	2.6	9.2	5.5	9.0	11.1	2.2	8.9	0.6	6.3	7.2	6.5	6.7	95	86	62	72	79	NW	1	N	2	N	1	1.3
7	114.4	111.2	107.0	110.9	-1.2	0.1	9.0	5.8	3.4	9.4	-2.9	12.3	-5.1	5.8	5.8	6.4	6.0	97	94	51	70	78	NW	1	W	1	0	0	0.7
8	98.4	95.3	94.5	96.1	5.0	4.0	9.4	7.2	3.4	9.3	2.1	7.4	0.9	6.9	6.1	8.0	7.0	93	85	51	90	80	0	0	W	1	W	1	0.7
9	94.7	97.2	98.4	96.8	5.8	2.3	5.6	1.7	3.4	8.8	0.6	6.2	-1.4	6.8	6.0	5.8	6.2	95	95	66	83	85	W	1	W	2	0	0	1.0
10	101.2	105.2	106.0	104.1	-1.7	1.9	2.7	0.2	0.8	5.3	-1.8	7.1	-4.1	6.5	6.6	5.9	6.3	100	93	89	96	94	W	1	W	2	W	1	1.3
11	106.8	107.8	109.4	108.0	-2.0	0.3	7.3	4.3	2.5	8.2	-2.4	10.6	-4.5	6.2	6.6	6.0	6.3	100	100	65	72	84	S	1	SW	1	W	1	1.0
12	112.0	111.8	111.5	111.8	3.7	4.8	11.5	7.4	6.8	12.4	2.5	9.9	0.4	7.6	6.7	6.1	6.8	94	89	50	59	73	W	1	W	1	0	0	0.7
13	115.2	114.4	114.6	114.7	0.2	5.1	15.8	8.0	6.3	14.4	-2.0	16.4	-4.5	7.5	9.8	6.9	6.7	95	98	37	64	74	W	1	W	4	W	1	2.0
14	114.4	112.6	111.2	112.7	0.7	4.8	16.0	9.7	7.8	16.6	-1.4	18.0	-3.4	7.4	7.2	7.6	7.4	100	86	40	63	72	WSW	1	W	2	W	1	1.3
15	112.6	112.1	111.4	112.0	1.7	4.5	15.4	9.3	7.7	16.2	-1.4	17.6	-4.1	6.9	5.5	7.6	6.7	93	82	31	65	68	NNE	1	NE	1	NE	1	1.0
16	112.6	111.5	110.3	111.5	2.1	5.8	14.8	9.6	8.1	15.2	-0.4	15.6	-3.5	7.2	6.6	6.5	6.8	97	79	39	54	67	NW	1	NW	2	0	0	1.0
17	108.1	104.3	100.6	104.3	0.5	5.4	15.4	8.9	7.6	16.3	-1.9	18.2	-5.4	6.2	5.2	6.5	6.0	91	69	29	57	62	S	1	SW	2	0	0	1.0
18	92.1	90.1	89.7	90.6	2.5	6.4	13.0	7.2	7.3	14.7	0.8	15.9	-1.9	7.0	7.4	6.3	6.9	98	73	49	62	70	S	1	W	5	W	2	2.7
19	75.9	72.6	73.5	74.7	5.4	5.4	9.4	2.1	5.3	10.0	0.1	9.9	0.1	8.4	7.2	5.2	6.9	82	94	61	79	79	W	3	W	4	W	6	4.3
20	80.4	85.8	90.5	89.6	0.5	2.3	4.7	2.7	2.6	7.6	-0.3	7.9	-1.4	4.2	6.2	5.2	5.2	66	58	73	70	67	SW	5	SW	4	0	0	3.0
21	99.1	99.7	101.1	100.0	-1.2	2.6	10.8	7.4	4.9	11.7	-2.5	14.2	-6.1	5.9	4.1	5.7	5.2	95	81	32	55	66	SW	1	S	1	N	1	1.0
22	98.4	95.9	94.0	96.1	4.6	4.0	9.8	5.7	5.0	7.4	3.0	4.4	2.6	7.7	8.5	9.0	8.4	98	95	92	98	96	N	2	NE	1	NE	1	1.3
23	88.7	90.9	93.8	91.1	7.9	9.6	7.0	6.8	7.8	10.8	5.6	5.2	5.3	12.0	8.8	8.1	9.6	99	100	88	82	92	NE	2	SE	2	SSE	1	1.7
24	94.2	95.2	95.9	99.1	5.1	4.9	11.2	8.7	7.5	11.7	4.4	7.3	4.2	8.2	8.3	9.4	8.6	99	95	63	84	85	C	0	NE	1	0	0	0.3
25	97.7	99.3	100.4	99.1	2.4	5.0	13.0	9.0	7.1	13.4	0.1	13.3	-2.6	7.3	6.8	7.4	7.2	100	84	45	64	73	SSE	1	SE	2	E	1	1.3
26	101.4	100.9	101.0	101.1	6.8	7.8	14.4	10.8	10.0	15.6	3.0	12.6	0.1	7.6	6.4	9.1	7.7	96	72	39	70	69	SSE	1	S	1	0	0	0.7
27	104.3	104.5	103.7	104.2	7.8	8.1	16.4	11.8	11.0	17.2	6.4	10.8	4.5	10.3	9.3	9.9	9.8	99	96	50	71	79	0	0	S	2	0	0	0.7
28	102.9	102.3	102.6	102.6	7.8	8.9	17.4	12.8	11.7	17.7	4.1	13.6	2.1	10.3	9.7	10.5	10.2	94	90	49	71	76	N	1	NEE	1	SW	1	1.0
29	101.8	104.5	107.2	104.5	9.5	8.8	12.6	8.8	9.9	13.5	8.4	5.1	5.7	11.0	10.2	8.9	10.0	98	97	70	78	86	W	2	W	2	N	1	1.7
30	110.4	108.8	106.9	108.7	3.4	7.6	14.8	12.0	9.4	16.5	1.1	15.4	1.0	9.5	9.3	9.7	9.5	99	91	55	69	78	NNE	1	NNE	1	NNE	1	1.0
M	101.6	101.5	101.8	101.6	2.8	4.5	10.6	6.7	6.2	11.6	1.0	10.6	-1.0	7.5	7.1	7.3	7.3	95	88	57	74	78		1.3	1.9	1.0	1.4		

Avril - April

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980
TMO - GMT

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	5	3	5	4.3	Ac	Cu	Cu, Ac	.	.	$\Delta_{0.48}^{...3.05}$ $\ominus_{0.11}^{21-21.51} = 12^{30}-np$ $\ominus_{0.48}^{...8.18}, \ominus_{0.35}^{...9.44} = 16^{40}-np$ $\ominus_{0.33}^{...7.20}, \ominus_{0.11}^{09-23.00} = na-7^{40}$ $\star_{na-5}^{38}, \star_{0.42}^{12-10.09}, \star_{0.11}^{11-20.52}, \star_{0.21}^{02-...24.00}$ $\ominus_{0.00}^{...7.12}$ $\ominus_{na-6}^{10}$ $\ominus_{0.18}^{...11.51}, \ominus_{0.12}^{24-13.15}, \ominus_{0.14}^{06-23.12}$
2	9	10	10	9.7	Ac	Ac	Na	3.5	.	
3	10	10	0	6.7	Sc	Sc, Ac	.	0.0	.	
4	10	10	10	10.0	St	Na	Na	4.4	.	
5	10	10	10	10.0	St	St	St	0.6	.	
6	10	9	1	6.7	St	Ac	Cl	0.0	.	
7	10	10	10	10.0	Sc	Ac	Sc	.	.	
8	10	9	10	9.7	Ac	Cs, Cu	Ac	0.4	.	
9	10	9	1	6.7	Sc	Cu	Cu	0.0	.	
10	9	10	2	7.0	Ac, Cu	Cb	Cl, Cu	3.6	.	$\ominus_{0.30}^{...6.24}, \ominus_{0.50}^{...8.54}, \ominus_{0.29}^{...9.50}, \ominus_{0.10}^{33-...11.54}, \ominus_{0.12}^{30-12.45},$ $\ominus_{0.13}^{08-13.11}, \ominus_{0.15}^{30-14.23}, \Delta_{0.18}^{54-...09}, \Delta_{0.11}^{54-12.18},$ $\Delta_{0.14}^{27-15.18} = 17^{07}-np; \ominus_{0.17}^{33}-np$
11	10	10	10	10.0	Sc	Sc	Ac, Cu	0.0	.	$\ominus_{na-5}^{30}, \ominus_{na-6}^{20}, \ominus_{0.00}^{...8.46}, \ominus_{0.11}^{00-11.10}$
12	10	9	3	7.3	Sc	Cs, Cu	Cl	.	.	
13	0	2	0	0.7	.	Cu	.	.	.	$\ominus_{na-5}^{20} = na-8^{20}$
14	0	4	1	1.7	.	Cu	Cu	.	.	
15	4	1	1	2.0	Cl	Cu	Cl	.	.	$\ominus_{na-3}^{20}$
16	6	6	0	4.7	Ac	Ac, Cu	.	.	.	
17	2	6	3	3.7	Cl	Cl	Cl	.	.	$\ominus_{na}^{1}, \oplus_{1.25}^{10.50}$
18	6	10	10	6.7	Cl	Cs, Cu	Sc	0.2	.	$\ominus_{0.03}^{...8.09}, \oplus_{0.12}^{40-14}, \ominus_{0.23}^{12-...24.00}$
19	10	8	7	8.3	Na	Sc, Cu	Cb	3.7	.	$\ominus_{0.00}^{...0.09}, \ominus_{0.10}^{09-9.26}, \ominus_{0.51}^{...11.42}, \ominus_{0.13}^{38-...13.39},$ $\Delta_{0.13}^{55-14.14}, \star_{1.24}^{14-14.31}, \star_{0.14}^{37-...14.30}, \star_{0.11}^{55-18.12},$ $\star_{0.36}^{18-46}, \star_{0.12}^{12-8.53}, \star_{0.11}^{52-12.18}, \star_{1.12}^{33-12.44}, \star_{0.18}^{37-18.48},$ $\star_{1.18}^{19-19.12}, \star_{0.12}^{12-8.53}, \star_{0.11}^{52-12.18}, \star_{1.12}^{33-12.44}, \star_{0.18}^{37-18.48},$
20	3	9	6	6.0	Cu, Cl	Cb, Cl	Cu, Cl	0.0	.	
21	3	10	10	7.7	Cl	Cs, Cu	Ac, Cu	9.3	.	$\ominus_{na-31}^{...}, \oplus_{0.20}^{12.25}, \ominus_{0.17}^{07-17.43}, \ominus_{0.18}^{09-18.27}, \ominus_{0.19}^{33-22.12},$ $\ominus_{1.22}^{12-24.00}$
22	10	10	10	10.0	Na	Na	Na	12.3	.	$\ominus_{0.00}^{...11.22}, \ominus_{0.11}^{22-24.00}$
23	10	10	9	9.7	Na	Sc	Sc	5.7	.	$\ominus_{0.10}^{00-9.04}, \ominus_{0.40}^{10-10.03}, \ominus_{0.20}^{48-...22.57}, \ominus_{0.12}^{57-24.00}$
24	10	9	9	9.3	Sc	Sc	Ac, Cu	0.1	.	$\ominus_{0.10}^{00-4.47}, \ominus_{0.21}^{12-6.32}, \ominus_{0.04}^{...7.18}$
25	0	7	3	3.3	.	Cu	Cu	0.3	.	$\ominus_{na}^{...}, \ominus_{0.12}^{30-13.03}, \ominus_{0.13}^{12-14.09}, \ominus_{0.22}^{33-23.00}$
26	1	7	8	5.3	Cl	Cu	Sc, Cs	4.6	.	$\ominus_{0.18}^{18-20.30}, \ominus_{0.21}^{21-22.06}, (R_{0.05}^{18.50-KSE-E 19.22})$
27	8	6	1	5.0	Cu	Cu	Cl	.	.	$\ominus_{0.04}^{...1.33}, \ominus_{na-6}^{40}, = 17^{40}-np$
28	8	10	10	9.3	Cs, Ac	Cs, Cu	Cb, Cs	10.3	.	$\Delta_{0.18}^{15-...}, = na-8^{40}, \oplus_{0.38}^{...8.40}, \ominus_{0.16}^{36-24.00}$
29	10	10	0	6.7	Na	Cu, Ac	.	1.1	.	$\ominus_{0.10}^{00-7.23}$
30	8	6	0	4.7	Cl, Cs	Cl, Cs, Cu, Cu	.	.	.	$\wedge_{na-7}^{...}$
M	7.1	8.1	5.3	6.8				60.3 [#]		[#] Le total mens - Monthly mean

Mai - May

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980

TNGR - QNT

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature								Tension de la vapeur Vapour pressure				Humidité relative Relative humidity					Vent-direction et vitesse Wind velocity and direction							
	900 + ... [hPa]				[°C]								+ 5 cm	[hPa]				[%]					[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	106.2	104.8	102.7	104.4	6.5	9.8	15.8	11.8	11.0	16.2	4.7	11.5	2.2	9.9	8.3	9.4	9.2	95	82	46	68	73	NE	1	N	1	WHV	1	1.0
2	102.2	102.9	103.4	102.8	7.2	7.7	6.5	9.0	6.6	11.8	5.0	6.8	9.3	9.5	8.2	7.3	8.3	98	90	85	84	89	N	1	N	2	NHV	1	1.3
3	104.6	104.3	103.7	104.2	3.4	1.8	4.9	3.1	3.3	5.3	-0.9	6.2	-2.7	5.0	3.8	4.6	4.5	79	73	44	61	64	N	2	NHV	2	NHV	1	1.7
4	102.3	102.0	100.8	101.7	-2.0	2.4	6.2	3.9	2.6	6.9	-2.5	9.4	-5.4	5.2	4.1	5.8	5.0	97	72	43	72	71	NV	1	NHV	1	N	1	1.0
5	99.4	99.2	98.5	99.0	-1.8	3.5	10.7	7.6	3.0	11.3	-3.9	15.2	-6.4	6.4	5.2	6.8	6.1	97	81	40	65	71	V	1	V	3	V	1	1.7
6	99.1	100.1	98.0	99.1	0.4	6.5	12.4	10.5	7.4	13.8	-0.5	14.3	-3.4	7.5	7.4	9.7	8.2	100	78	51	76	76	NNE	1	NNE	2	N	1	1.3
7	96.0	95.4	94.4	95.3	5.8	8.6	9.8	10.1	8.6	10.5	4.5	6.0	0.9	9.0	10.5	11.7	10.4	83	81	87	95	86	NNE	1	N	1	N	1	1.0
8	94.3	95.3	95.3	95.0	9.9	11.2	18.1	14.0	13.3	19.1	9.1	10.0	8.6	12.0	10.2	12.1	11.4	94	90	49	76	77	NE	1	WSV	1	O	0	0.7
9	98.5	99.4	103.5	100.5	7.1	14.3	22.1	10.6	13.5	22.8	5.5	17.3	3.1	12.0	12.0	12.3	12.1	93	74	45	96	77	O	0	N	1	N	3	1.3
10	111.5	113.1	114.2	112.9	5.7	7.0	14.6	12.2	9.9	15.8	5.5	10.3	9.6	7.7	9.6	5.9	6.4	80	77	34	41	58	N	3	N	4	N	1	2.7
11	117.4	117.2	116.3	117.0	2.6	8.4	13.2	11.7	9.0	15.6	-1.3	16.9	-3.4	5.2	5.4	4.2	4.9	84	47	35	31	49	N	1	N	4	N	1	2.0
12	116.8	115.7	114.3	115.6	0.9	5.1	11.3	10.2	6.9	13.2	-0.3	13.5	-4.2	6.3	4.8	4.9	5.3	78	72	36	39	56	N	1	N	2	NNE	1	1.3
13	114.3	113.5	115.5	114.4	3.2	3.5	8.3	4.1	3.3	10.2	-0.7	10.9	-3.9	3.9	6.0	5.9	5.9	75	65	54	72	66	NHV	1	NNE	2	N	1	1.3
14	118.3	118.0	117.4	117.9	-1.5	3.8	9.2	6.2	4.4	10.4	-2.4	12.8	-3.9	3.9	4.1	5.6	5.2	97	73	36	59	66	NNE	1	N	2	N	1	1.3
15	117.0	115.6	113.6	115.4	-1.0	5.2	11.1	7.8	5.8	12.2	-2.1	14.3	-5.0	3.8	3.9	5.7	3.1	96	66	29	53	61	N	1	S	1	O	0	0.7
16	111.9	110.1	109.6	110.5	-0.4	7.6	15.1	12.8	8.8	16.2	-2.0	18.2	-4.4	5.3	4.6	7.4	5.8	96	51	27	50	56	N	1	N	2	O	0	1.0
17	106.2	105.4	103.8	105.1	3.9	8.6	9.6	8.9	8.2	12.8	5.9	6.9	3.6	10.6	11.5	10.9	11.0	89	94	96	96	94	V	1	N	1	N	1	1.0
18	104.1	104.7	103.4	104.1	8.6	9.6	15.4	12.4	11.5	16.1	8.3	7.8	8.1	11.5	9.9	11.8	11.1	97	96	57	82	83	NNE	1	NNE	1	O	0	0.7
19	102.4	101.6	101.1	101.7	5.6	13.3	18.8	14.2	13.0	20.0	5.2	14.8	3.5	12.1	7.3	6.4	8.6	100	79	33	40	63	V	1	NV	2	NV	2	1.7
20	102.4	102.0	100.8	101.7	7.4	7.8	12.1	9.6	9.2	14.2	4.2	10.0	1.6	7.6	7.5	7.8	7.6	84	72	53	65	68	N	2	N	1	O	0	1.0
21	100.4	100.3	100.8	100.5	0.2	4.9	11.8	8.8	6.4	12.4	-1.1	13.5	-2.8	7.4	6.6	5.8	6.6	99	86	48	52	71	NHV	1	NHV	4	NHV	1	2.0
22	103.6	105.1	106.1	104.9	5.4	6.2	8.8	6.6	6.8	9.9	1.6	8.3	0.1	5.6	4.2	5.4	5.1	69	59	37	55	55	NNE	1	NHV	2	N	1	1.3
23	108.2	106.6	104.3	106.4	-1.6	5.8	12.0	9.6	6.4	13.4	-2.5	15.9	-5.0	3.9	4.3	6.3	5.5	97	64	31	53	61	NV	1	V	2	O	0	1.0
24	100.5	97.7	98.2	98.8	4.0	7.4	17.7	11.9	10.2	18.1	2.4	15.7	-0.9	6.3	9.8	8.4	6.8	69	61	29	60	55	S	1	WSV	1	NHV	1	1.0
25	102.0	101.2	101.5	101.6	3.3	7.6	16.0	13.3	10.0	17.2	4.0	16.6	-2.4	6.9	9.8	7.9	6.9	93	66	32	52	61	NHV	1	V	2	O	0	1.0
26	102.9	103.0	103.9	103.3	5.8	10.4	15.6	12.9	11.2	16.5	4.0	12.5	2.0	8.8	9.3	9.6	9.2	85	70	52	65	68	SV	1	V	2	O	0	1.0
27	106.8	106.2	103.3	105.4	8.6	11.0	20.3	17.7	14.4	21.3	8.3	13.0	5.0	10.8	8.5	9.5	9.6	88	83	36	47	64	SV	1	SSV	1	S	1	1.0
28	101.5	98.1	95.9	98.5	13.6	15.5	25.4	22.3	19.2	26.9	11.4	15.5	9.1	11.6	10.1	10.3	10.7	63	66	31	38	50	S	1	SE	4	SE	1	2.0
29	93.0	92.5	90.9	92.1	14.7	17.2	22.5	19.0	18.4	24.5	13.5	11.0	12.6	15.3	12.4	13.3	13.7	93	78	46	61	70	SSV	2	SSV	2	NHV	1	1.7
30	92.3	92.6	92.5	92.5	12.6	16.8	25.1	19.7	18.6	26.3	9.4	16.9	6.8	14.3	11.1	12.9	12.8	95	75	35	56	65	SV	1	SV	3	O	0	1.3
31	94.3	91.2	89.3	91.6	12.9	13.7	18.6	15.1	15.6	20.2	12.4	7.8	10.1	11.8	13.0	14.9	13.9	95	66	70	87	80	V	3	NHV	1	V	2	2.0
M	104.2	103.7	103.1	103.7	4.9	8.6	14.2	11.1	9.7	15.5	3.3	12.2	1.0	8.6	7.5	8.4	8.2	89	74	46	63	68		1.2	1.9	0.9	1.3		

Mai - May

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1960
TMO - GAT

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	7	4.0	Cl	Cs, Se	Cl	0.0	.	Δ_{12-20}^{120} , Δ_{22-24}^{00} Δ_{00-13}^{00} , Δ_{06-09}^{00} , Δ_{08-11}^{00} , Δ_{14-19}^{54} , Δ_{21-21}^{24}
2	10	10	10	10.0	St	St	St	0.0	.	
3	9	9	10	9.3	Ac, Se	Se	Se	.	.	
4	9	9	7	8.3	Ac, Cu	Ac, Cu	Cl, Cu	.	.	
5	0	5	2	2.3	.	Cu	Cl, Cu	.	.	
6	0	7	2	3.0	.	Cu	Ac, Cu	.	.	
7	10	10	10	10.0	Se	St	St	0.0	.	Δ_{06-29}^{00} ...12 ¹⁷ , Δ_{14-16}^{58} , Δ_{17-24}^{00} ...17 ³⁶ ; = 14 ²⁰ -np
8	10	9	9	9.3	St	Cs, Cl, Co, Cu	Cs, Cl, Co	.	.	
9	7	7	10	8.0	Cs, Cl	Cu, Ac	Cb	13.9	.	Δ_{12-20}^{120} , Δ_{17-22}^{00} , Δ_{17-28}^{12} , Δ_{20-27}^{57} , Δ_{21-24}^{42} ; (K)SE 15 ⁴³ - R 17 ¹⁷ -18 ¹⁸ - (K)NE 18 ³⁸ Δ_{06-22}^{00} ...13 ⁵⁰
10	10	6	1	5.7	Ac, Cu	Cl, Co, Cs	Cl	.	.	
11	0	7	1	2.7	.	Cu	Ac	.	.	Δ_{na}^{00}
12	0	7	4	3.7	.	Cu	Ac, Cu	.	.	Δ_{na}^{00}
13	1	7	2	3.3	Cu	Cs, Cb	Ac, Cu, Cl	0.1	.	Δ_{na}^{00} ; Δ_{11-11}^{42} ...11 ⁵¹ , Δ_{13-13}^{05} ...13 ¹⁴ , Δ_{15-16}^{32} ...16 ¹⁵ , Δ_{17-17}^{13} ...17 ³²
14	0	9	9	6.0	.	Ac, Se, Cu	Cl, Co, Cu	0.0	.	Δ_{na}^{00} ; Δ_{11-17}^{17} ...11 ³⁰ , Δ_{14-14}^{43} ...14 ⁵²
15	3	8	0	3.7	Cl, Co, Cu	Cu, Ac	.	.	.	Δ_{na}^{00}
16	0	9	10	6.3	.	Cs, Cl, Cu	Cl, Co, Co	1.2	.	Δ_{na}^{00} ; Δ_{13-13}^{13} ...14 ²⁰
17	10	10	10	10.0	Se	Se	Se	3.3	.	= n-p; Δ_{0-1}^{15} ...14 ⁰⁵ , Δ_{0-1}^{14} ...15 ²⁸ ; Δ_{23-24}^{52} ...24 ⁰⁰
18	10	9	1	0.7	Se	Cu	Cl	0.0	.	Δ_{00}^{00} ...2 ⁴⁷
19	7	5	7	6.3	Cl, Co	Cl, Co, Co, Cu	Cl, Co, Co, Cu	.	.	Δ_{06-27}^{00} ...3 ³¹ , Δ_{01-58}^{58} ...2 ²⁷ ; Δ_{07-20}^{00} ...0 ⁰² , Δ_{10-12}^{33} ...12 ¹⁷
20	10	6	1	6.3	Se	Cu, Ac	Cu	.	.	
21	10	10	10	10.0	Ac	Ac, Cu	Ac, Cu	0.0	.	Δ_{11-18}^{00} ...12 ⁴⁷ , Δ_{17-17}^{00} ...17 ¹⁸
22	0	9	4	4.3	.	Se	Ac	.	.	
23	3	8	8	6.3	Cl	Cl, Cu	Cl, Cu	.	.	Δ_{na}^{00}
24	9	9	4	7.3	Ac	Cu	Cu	0.0	.	Δ_{19-19}^{00} ...19 ³⁸
25	2	1	0	1.0	Cu	Cu	.	.	.	
26	10	10	8	8.7	Se	Se	Cu, Ac	0.0	.	Δ_{06-33}^{00} ...8 ²⁴ , Δ_{14-21}^{00} ...14 ³³
27	10	4	0	4.7	St	Cu	.	.	.	
28	8	9	10	9.0	Ac, Cu	Cs, Cu	Cb	0.6	.	Δ_{11-40}^{00} -p; Δ_{20-20}^{04} ...20 ¹⁰ , Δ_{21-22}^{58} ...22 ¹² , Δ_{0-22}^{00} ...24 ⁰⁰
29	8	9	9	8.7	Cs, Cl	Cb, Cu	Cb	0.0	.	Δ_{0-10}^{00} ...0 ⁰⁸ , Δ_{11-12}^{48} ...12 ¹³ ; (K)S 11 ³⁰ -K -NE 12 ⁴³ ; (K)SSK 10 ⁰⁸ -SW-NW 18 ¹⁸ ; (K)NW 18 ¹⁸ -np
30	0	8	3	3.7	.	Cl, Cu	Cu, Cl	.	.	Δ_{10-16}^{00} ...10 ³¹ -SW-W 16 ⁵⁴
31	2	10	10	7.3	Cl, Co	Se	St	14.8	.	Δ_{10-18}^{00} ...13 ²¹ , Δ_{13-14}^{42} ...14 ⁰⁸ , Δ_{14-18}^{00} ...14 ²⁵ , Δ_{15-18}^{40} ...18 ⁰⁹ , Δ_{16-17}^{47} ...17 ³¹ , Δ_{21-22}^{00} ...22 ⁵⁷
M	5.5	8.0	5.5	6.3				33.9 ⁹		*Le total mens - Monthly mean

Juin - June

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980

TNGR - 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			
																											+ 5cm	[hPa]	[%]
1	82.9	84.4	86.9	84.7	13.0	11.0	11.1	11.2	11.6	15.1	10.5	4.6	10.6	12.8	12.9	13.0	12.9	92	97	97	97	96	ENE	5	ENE	5	W	4	4.7
2	90.9	95.9	97.2	94.7	9.4	8.6	9.2	9.1	9.1	11.2	8.0	3.2	8.1	11.0	11.3	11.2	11.2	98	99	97	97	98	WSW	2	SW	3	SW	2	2.3
3	99.0	100.4	100.3	99.9	9.4	9.5	11.2	12.3	10.6	13.0	8.9	4.1	8.6	11.6	12.3	13.4	12.4	98	97	92	94	95	SW	1	W	1	W	1	1.0
4	99.5	99.1	98.9	99.2	12.1	11.9	21.6	20.1	16.4	23.9	11.1	12.8	11.2	13.8	18.4	11.7	14.6	97	99	71	50	79	ENE	1	SW	3	NE	1	1.7
5	98.7	98.1	98.6	98.5	13.7	16.3	19.3	16.6	16.5	20.1	11.7	8.4	9.8	11.3	9.4	12.8	10.8	83	61	42	62	62	N	1	ENE	5	ENE	1	2.3
6	99.1	98.8	98.0	98.6	11.2	13.6	17.2	16.9	14.7	19.0	9.8	9.2	7.9	13.6	13.8	19.0	14.1	95	87	70	78	82	ENE	1	ENE	2	W	1	1.3
7	97.9	98.2	98.9	98.3	13.5	14.4	21.6	16.5	16.5	22.0	12.1	9.9	10.3	13.7	14.3	15.7	15.2	97	95	55	84	83	ENE	1	ENE	1	O	0	0.7
8	102.2	102.7	102.4	102.4	10.9	17.6	23.5	21.1	18.3	24.2	9.5	14.7	7.6	19.6	14.0	15.1	14.9	95	77	48	60	70	SW	1	SE	1	E	1	1.0
9	103.9	102.7	101.7	102.8	12.5	19.9	25.4	23.1	20.2	26.5	10.8	19.7	8.6	16.1	13.3	14.7	14.7	96	69	41	52	64	S	1	S	1	S	1	1.0
10	100.9	99.0	98.5	99.5	14.1	19.4	27.3	19.1	20.0	27.6	13.3	14.3	10.3	16.3	12.8	17.1	15.4	93	72	35	77	69	SE	3	SE	4	E	1	2.7
11	95.5	93.9	93.9	94.4	17.0	18.4	26.6	20.7	20.7	27.2	14.5	12.7	13.5	17.3	19.1	16.8	16.4	92	82	43	69	72	SE	1	SW	1	SW	1	1.0
12	97.1	98.9	101.2	99.1	16.4	18.5	19.3	17.4	17.9	20.7	15.5	9.2	13.1	18.4	18.6	17.6	18.2	96	86	83	89	88	SW	1	SW	3	W	1	1.7
13	107.4	109.1	109.5	108.7	15.7	14.3	22.1	18.9	17.8	22.8	13.6	9.2	10.6	12.7	13.5	15.1	13.8	96	78	51	69	74	NE	1	ENE	2	O	0	1.0
14	111.4	109.7	107.3	109.5	10.6	17.5	26.0	22.7	19.2	26.3	8.8	17.5	7.1	14.5	14.7	16.3	15.2	97	73	44	59	68	S	1	S	2	ENE	1	1.3
15	103.6	99.4	97.7	100.2	15.8	20.5	26.1	17.9	20.1	27.1	13.9	13.2	11.1	16.4	19.0	18.7	18.0	88	68	56	91	76	E	1	E	2	SW	2	1.7
16	96.3	96.6	95.2	96.0	16.2	14.1	15.2	13.2	14.7	17.9	13.2	4.7	13.5	19.0	13.6	15.0	14.5	95	93	79	99	92	W	3	W	4	S	1	2.7
17	99.3	100.6	99.9	99.9	12.9	13.4	19.1	14.6	14.0	15.7	12.8	2.9	12.2	14.3	13.3	13.7	13.8	99	93	78	82	88	E	1	E	1	W	1	1.0
18	99.9	98.7	97.8	98.8	8.2	15.3	23.5	19.7	16.6	23.6	6.5	17.1	5.1	14.4	15.0	16.0	15.1	95	83	52	70	75	SE	1	SE	2	SW	1	1.3
19	103.9	101.6	101.2	101.2	14.7	14.2	17.9	15.9	15.7	19.7	12.4	7.3	11.3	14.2	14.6	16.0	14.9	97	88	71	88	86	SW	1	SE	1	SW	1	1.0
20	99.0	97.9	97.6	98.2	14.1	15.3	20.9	18.0	17.1	22.4	13.5	8.9	13.3	16.1	13.9	17.2	16.4	95	92	64	83	84	SE	1	SW	2	O	0	1.0
21	103.5	103.4	102.6	103.2	13.9	19.7	21.1	18.5	17.3	21.6	10.4	11.2	8.1	9.9	10.5	14.8	11.7	87	55	42	70	64	S	1	SW	2	O	0	1.0
22	100.5	96.0	95.6	97.4	13.1	15.4	21.4	15.2	16.3	22.3	12.3	10.0	9.6	13.1	18.1	13.4	14.9	90	75	71	78	78	NE	2	E	1	SW	4	2.3
23	101.7	101.5	99.6	100.9	10.1	14.7	22.1	19.8	16.7	23.2	8.1	15.1	5.2	13.6	12.2	14.2	13.3	96	81	46	61	71	SW	1	S	1	W	1	1.0
24	93.7	95.6	98.4	95.9	15.6	15.3	12.6	15.5	14.8	19.8	12.4	7.4	12.6	16.8	15.5	13.2	15.2	95	97	93	86	93	E	1	W	3	O	0	1.3
25	97.3	94.5	93.6	96.1	11.1	13.6	19.1	15.7	19.4	20.1	10.1	10.0	8.7	14.0	12.8	16.5	14.4	99	79	58	92	82	S	1	W	4	O	0	1.7
26	95.9	97.2	96.7	96.6	13.5	14.8	19.1	16.5	16.0	19.6	10.9	8.7	10.0	13.2	11.7	13.8	12.9	96	78	53	74	75	SW	2	WSW	3	WSW	1	2.0
27	96.3	94.5	94.0	94.9	9.1	13.5	19.7	15.7	19.0	20.1	7.4	12.7	5.8	12.8	12.0	13.7	12.8	97	73	52	77	75	ENE	1	ENE	2	O	0	1.0
28	95.0	93.1	95.0	95.0	12.6	12.8	18.6	14.6	14.6	19.1	11.6	7.5	11.6	14.1	10.7	11.1	12.0	96	95	50	67	77	W	2	W	4	WSW	2	2.7
29	93.8	93.0	92.1	93.0	8.9	12.8	17.9	16.1	13.4	18.6	9.0	13.6	3.1	11.5	12.3	13.4	12.4	99	78	60	73	78	S	1	S	2	S	1	1.3
30	94.4	94.8	95.7	95.0	13.4	12.7	17.9	12.8	14.2	19.1	12.4	6.7	11.3	12.4	11.4	12.5	12.1	93	85	56	85	80	W	1	W	2	SW	1	1.3
M	98.6	98.4	98.2	98.4	12.7	15.0	19.6	16.8	16.0	21.0	11.0	10.0	9.7	14.1	13.7	14.7	14.2	95	83	62	77	79		12.4	2.3	1.1	1.6		

Juin - June

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1960
TNGR - GNT

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	Ms	Ms	Ms	18.9	.	0 ⁰ 26-34, 0 ⁰ 44-08, 0 ⁰ 08-28, 0 ⁰ -1928-2000
2	10	10	10	10.0	St	Ms	St	6.4	.	0 ⁰ -1000-36, 0 ⁰ 10 ¹⁹ -1348, 0 ⁰ 130-1019, 0 ⁰ 1348-2200, 0 ⁰ 2200-2100, 0 ⁰ 05-31, 0 ⁰ 1112-1151, 0 ⁰ 1246-1408, 0 ⁰ 00-048, 0 ⁰ 1645-1704, 0 ⁰ 2005-2030, 0 ⁰ -12108-2400, 0 ⁰ -1000-151, 0 ⁰ 2103-2108, 0 ⁰ 454-46, = na-620
3	10	10	10	10.0	St	St	St	3.6	.	0 ⁰ 10 ¹³ -1107, 0 ⁰ 25-27, 0 ⁰ 1148-1227, 0 ⁰ 1260-1414, 0 ⁰ 1826-1931, 0 ⁰ 2210-2222, 0 ⁰ 2222-2322
4	10	4	3	5.7	St	Cu	Cu	0.0	.	0 ⁰ -1225-33, (R) ⁰ SSE 1223-E-NE 1238, (R) ⁰ S 1801-a-NE 1635
5	0	10	10	6.7	.	Ar, As, Cu	Ar, As, Cu	0.0	.	0 ⁰ na-632
6	10	10	9	9.7	Sc	Sc	Ar, Sc	4.7	.	(R) ⁰ S 1351-R ⁰ 1255-1410-R ⁰ W 1414, 0 ⁰ -11353-1358, 0 ⁰ 2138-1400, 0 ⁰ -11400-1414
7	10	10	3	7.7	Ar, Sc	Sc	Cl, Ce	1.7	.	(R) ⁰ NE 1136-E-NE 1148, (R) ⁰ NW 1233-NW-NE 1230, (R) ⁰ NW 1722-NW-W 1806, 0 ⁰ 1238-1246
8	0	6	1	2.3	.	Cu	Cl	.	.	0 ⁰ 1014-1039, 0 ⁰ 1132-1138, 0 ⁰ 1352...11500, 0 ⁰ 1824-1706, 0 ⁰ 1901-1927, (R) ⁰ NE 1622-E-NE-E 1648
9	0	5	0	1.7	.	Cu	.	.	.	0 ⁰ na-620
10	0	4	4	2.7	.	Cu	Cu, Cl	5.5	.	(R) ⁰ S 1639-R ⁰ 1802-1840-(R) ⁰ NW 2008, 0 ⁰ 1842-1852, 0 ⁰ 1-21652-2030, 0 ⁰ 2148-2200, 0 ⁰ 2218...2400, 0 ⁰ 00...548, 0 ⁰ 023...1400, 0 ⁰ 1400-2048, 0 ⁰ 34-321, 0 ⁰ 48...457, 0 ⁰ 05-611, 0 ⁰ 630-700, 0 ⁰ 808-818, 0 ⁰ 1751-1918, 0 ⁰ 1-21918-2120, 0 ⁰ 2120-2243, 0 ⁰ 2338-2400, 0 ⁰ 00-003, 0 ⁰ 1059-1123, 0 ⁰ 1400...1736, 0 ⁰ 1804-2053, 0 ⁰ 2303-2358, 0 ⁰ 1536...1557, 0 ⁰ 1721-1748
11	5	8	9	7.3	Cu, Ac	Cu, Ce	Cb	0.0	.	0 ⁰ 354...537, 0 ⁰ 1138-1252, 0 ⁰ 1442-1448, 0 ⁰ 1-21448-1528, (R) ⁰ SW 1412-W-NW 1523
12	10	10	10	10.0	Sc	Sc	Sc	0.1	.	(R) ⁰ SSW 2011-2152, (R) ⁰ SSW 2152-R ⁰ 2246-2257-(R) ⁰ W 2313, 0 ⁰ 2138-2221, 0 ⁰ -2221-2323
13	10	5	2	5.7	Sc	Cu	Cu	.	.	= na-620; 0 ⁰ 1620-740, 0 ⁰ 140-80, 0 ⁰ 412-451, 0 ⁰ 1-2451-428, 0 ⁰ -217-1043
14	2	3	0	1.7	Co, Cl	Cu	.	.	.	0 ⁰ -11424-1554, 0 ⁰ 1939-1959, = 1820-np
15	2	10	10	7.3	Cl	Ce	Cb	23.5	.	0 ⁰ na-530, (R) ⁰ NE 1036-E-SE 1040, 0 ⁰ 1338...1421, 0 ⁰ -1134-1938, 0 ⁰ 2023...2400
16	10	10	10	10.0	Sc	Sc	St	0.8	.	0 ⁰ 00...633
17	10	10	1	7.0	St	Sc	Cu	0.1	.	0 ⁰ na-635, 0 ⁰ 2319-2328
18	5	7	10	7.3	Cu	Cu	Cb	17.5	.	0 ⁰ 12-021, 0 ⁰ 1857-1826
19	7	10	10	9.0	Ar, Cu	As	As	0.7	.	
20	10	8	10	9.3	As	Ce, Cl, Ar, Cu	Sc	0.0	.	
21	0	7	6	4.3	.	Cu, Ar	Ar, Cu	0.1	.	
22	10	10	5	6.3	Ar	Cb, Cu, Ar	Cu	3.1	.	
23	0	5	7	4.0	.	Cu	Cl, Ce	7.8	.	
24	10	10	0	6.7	Ms	Ms	.	16.2	.	
25	7	10	10	9.0	Cl, Ce	As	As, Sc	5.0	.	
26	0	5	0	1.7	.	Cu	.	.	.	
27	0	10	10	6.7	.	Cu, Cu, Cb	As, Cb	2.4	.	
28	10	7	7	8.0	Ms	Cl, Cu	Cl, Cu	0.0	.	
29	0	8	8	5.3	.	Sc, Cu	Ar	.	.	
30	10	8	2	6.7	Sc	Cl, Cu	Ar	1.2	.	
M	5.9	8.0	6.2	6.7				119.5*		*Le total mens - Monthly mean

Juillet - July

LES ÉLEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1960
RNO - ONT

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature										Tension de la vapeur Vapour pressure				Humidité relative Relative humidity				Vent-direction et vitesse Wind velocity and direction						
	900 + ... [hPa]				[°C]										[hPa]				[%]				[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	96.4	97.3	95.8	96.5	10.1	12.3	15.7	15.9	13.5	18.8	9.2	9.6	6.7	12.8	12.5	13.7	13.0	97	89	70	76	83	S	1	SW	1	SE	1	1.0
2	95.4	95.1	91.6	92.7	9.4	14.4	15.8	14.6	13.6	19.6	8.4	11.2	6.2	14.2	13.6	13.7	14.5	97	87	76	94	88	SE	1	SSW	4	SSW	1	2.0
3	92.1	92.6	92.7	92.5	12.1	12.4	19.1	17.2	15.2	20.1	9.8	10.3	7.4	14.0	18.7	15.1	13.9	94	98	57	77	82	W	1	W	1	SW	1	1.0
4	94.5	95.3	95.3	95.0	10.4	13.2	16.7	14.8	13.8	18.2	9.9	8.3	7.3	13.4	13.6	15.9	14.3	99	88	72	94	88	SSW	1	WSW	1	O	0	0.7
5	95.9	95.5	98.3	98.6	14.2	14.5	21.0	15.3	16.2	21.2	15.2	8.0	13.1	16.1	14.0	15.9	15.3	98	98	56	91	86	WSW	2	WSW	1	W	1	1.3
6	100.0	99.9	100.3	100.1	14.0	13.9	15.5	15.3	14.7	19.1	11.8	7.3	9.7	13.2	15.7	15.9	15.6	93	95	89	91	92	S	1	SSW	2	WSW	1	1.3
7	102.4	101.5	99.5	101.1	9.3	13.7	20.1	17.7	15.2	21.6	8.2	13.4	6.6	13.7	12.0	15.8	13.8	97	87	51	78	78	W	1	W	1	O	0	0.7
8	96.9	96.0	95.4	96.1	14.5	16.3	23.0	19.6	18.4	24.2	12.2	12.0	10.7	16.2	14.0	18.7	16.3	96	88	50	82	79	SSW	1	SSW	2	SE	1	1.3
9	90.7	95.8	92.2	92.2	17.9	16.6	22.5	16.7	18.4	23.4	16.2	7.2	15.4	17.1	16.6	17.2	17.0	89	91	61	91	83	SSW	2	SSW	2	NE	1	1.7
10	82.8	85.6	88.4	85.6	16.1	17.4	14.2	15.4	15.8	17.8	14.0	3.8	13.7	18.6	13.8	15.1	16.5	96	94	98	86	94	SSW	1	WSW	5	WSW	5	3.7
11	96.2	95.8	101.3	99.1	14.8	16.3	19.2	18.4	16.7	20.6	14.6	6.0	13.7	13.1	15.4	16.1	15.5	89	81	69	87	82	WSW	4	W	4	W	1	3.0
12	103.8	102.7	101.7	102.7	14.7	13.6	20.2	16.8	16.8	20.9	13.0	7.9	11.1	16.0	13.6	17.1	16.2	95	90	66	90	85	SW	1	W	1	O	0	0.7
13	99.9	98.7	98.6	99.1	14.4	13.7	19.1	15.4	15.6	19.9	13.1	6.8	11.8	14.4	12.8	13.4	13.5	96	92	58	77	81	W	1	WSW	2	WSW	1	1.3
14	99.6	100.6	100.3	100.2	11.6	12.0	16.7	15.3	13.9	18.5	10.4	8.1	9.2	12.0	11.3	12.6	12.0	92	86	60	73	78	W	3	W	3	O	0	2.0
15	98.3	97.6	96.9	97.6	9.4	15.5	20.3	18.0	15.8	22.5	8.5	14.0	5.4	14.4	20.3	19.4	18.0	100	82	85	94	90	SSW	2	E	1	E	1	1.3
16	96.7	97.0	95.5	97.7	16.4	17.8	24.3	16.7	18.8	24.7	15.6	9.1	13.9	19.6	20.4	18.0	19.3	97	96	67	95	89	SSW	1	W	1	WSW	1	1.0
17	103.5	104.6	103.8	104.6	13.2	14.2	14.8	14.0	14.0	17.7	10.5	7.2	8.4	13.0	12.5	11.4	12.3	96	80	74	71	80	W	2	WSW	2	SW	2	2.0
18	107.0	104.8	102.0	104.8	10.6	13.2	19.1	17.0	15.0	20.0	9.4	6.6	8.5	11.0	10.1	14.1	11.7	82	73	46	73	68	SSW	2	W	2	W	1	1.7
19	99.1	98.9	97.1	98.4	13.7	16.2	21.3	18.3	17.4	21.1	13.2	7.9	11.9	14.6	13.0	16.0	14.5	92	79	51	76	74	WSW	2	WSW	2	SW	1	1.7
20	94.3	95.1	91.7	93.0	13.9	16.0	22.6	19.5	18.5	24.2	14.8	9.4	13.9	17.4	17.4	20.3	18.4	92	96	63	89	85	SSW	2	S	3	O	0	1.7
21	87.6	89.5	93.6	90.2	16.0	18.3	19.8	17.2	17.8	22.2	19.4	6.8	13.2	19.4	18.8	16.4	18.2	95	92	81	84	88	SE	2	WSW	4	O	0	2.0
22	96.5	98.0	98.0	97.5	14.8	14.6	17.9	17.3	16.2	19.3	13.9	5.4	13.4	15.7	17.3	17.5	16.8	92	94	84	89	90	O	0	W	1	SW	1	0.7
23	98.3	100.3	99.7	99.8	13.8	15.9	19.0	18.6	17.3	20.1	15.4	4.7	14.9	17.7	18.6	17.5	17.9	98	98	85	82	91	W	2	W	3	W	1	2.0
24	95.3	95.6	100.2	99.7	17.5	16.7	21.3	21.2	19.2	22.1	16.3	5.8	15.9	17.8	19.7	20.4	19.3	94	94	78	81	87	W	1	W	2	W	2	1.7
25	101.1	100.6	99.8	100.5	18.5	17.4	23.7	20.6	20.0	25.5	16.9	8.6	16.4	19.0	21.3	20.0	20.1	91	96	73	83	86	W	2	W	2	W	1	1.7
26	99.1	98.4	98.3	98.6	18.6	19.3	23.5	18.5	15.9	24.5	18.1	6.4	17.3	20.2	21.2	20.4	20.6	94	90	74	96	88	NE	1	N	2	WSW	1	1.3
27	99.4	99.6	100.6	99.9	17.9	18.6	24.5	19.8	20.2	25.5	16.8	8.7	14.9	20.4	18.7	18.8	19.3	96	95	61	81	83	NE	1	NE	2	NE	1	1.3
28	101.6	102.1	103.4	102.4	17.2	19.0	23.3	19.3	19.7	23.7	16.2	7.5	13.9	20.0	19.9	20.2	20.0	96	91	69	90	86	NE	1	NE	1	NE	1	1.0
29	105.0	106.2	106.1	105.8	18.0	18.3	20.4	18.7	18.8	21.6	17.4	4.2	15.9	19.2	18.5	17.4	18.4	95	91	77	81	86	NE	2	E	2	E	3	2.3
30	106.8	107.0	107.8	107.2	18.2	19.5	25.5	20.7	21.0	26.4	17.3	9.1	15.8	18.0	14.9	17.4	16.8	87	79	46	72	71	E	2	E	4	E	1	2.3
31	109.1	109.1	109.3	109.2	15.9	18.6	25.9	19.8	20.0	26.4	14.9	11.5	12.0	17.5	17.6	19.8	18.3	92	82	53	86	78	NE	1	E	3	O	0	1.3
M	98.3	98.7	98.7	98.6	14.6	15.9	20.2	17.5	17.0	21.7	13.4	8.3	11.8	16.2	16.0	16.9	16.4	94	89	68	84	84	1.5	2.2	1.0	1.6			

Date	Nébulosité Cloudiness (0-10)				Le 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	8	9.7	Se	Se	Cl, Ce	0.0	.	9.0 ⁸⁴ ...609, 0.0 ³⁴ ...16
2	10	10	10	10.0	As, Ae	As, Se, Cu	Ms	0.3	.	0.10 ³³ ...1242, 0.0 ¹² ...1538, 0.16 ²⁸ ...1644, 0.10 ⁰³ ...1734, 0.10 ¹¹ ...1853
3	10	9	8	9.0	As, Cu	As, Cl, Cu, Ae	Cb, Cu, Cl, Ce	0.0	.	0.11 ³² ...1228, 0.14 ²¹ ...1444, (R) ⁰ 15 ³¹ ...1538, 17 ³⁸
4	10	10	10	10.0	As, Ae	As, Ae	As, Ae	5.0	.	0.10 ¹⁸ ...2139, 0.0 ²² ...1422, 0.0 ¹² ...1538, 16 ⁴⁸ ...1640
5	10	9	10	9.7	St	Se, Ae	As, Se	0.0	.	0.0 ¹⁰ ...0000, 0.10 ¹⁸ ...1538, 0.12 ¹² ...1624, 17 ³⁸ ...1838
6	10	10	4	8.0	St	Cb	As, Cl, Ce, Cu	5.0	.	0.0 ¹⁴ ...1644, 0.10 ¹⁰ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
7	2	3	2	2.3	Cu	Cu, Cl	Cl	0.8	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
8	9	10	10	9.7	Cu, Ae	Cu, Cu	Se, Ae	2.8	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
9	10	9	10	9.7	Se	Cu, Cl, Cu	Cb	3.1	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
10	10	10	10	10.0	Ms	Ms	Ms	2.8	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
11	10	10	10	10.0	Se	Cl, Cu, Ae, Cu	Cu, Ae	0.0	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
12	10	9	7	8.7	As, Se	As, Cu	As, Ce	0.0	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
13	10	8	8	8.7	Se	Cu	As, Se	0.0	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
14	10	9	0	6.3	Se	As, Cu	.	.	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
15	3	7	10	6.7	Ae	Cu, Ce, Cl	Cb, Se	32.1	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
16	9	10	10	9.7	Ae	Cu, Cb	Ms	1.6	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
17	9	10	10	9.7	Se	Se	Se	.	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
18	1	7	10	6.0	Cl	Cu, Cl, Cu	As, Ae	0.2	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
19	9	8	9	7.7	Cu, Ae	Cu	As	1.8	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
20	10	9	1	6.7	Se	Se, Cu, Cl	Cu, Cl	3.4	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
21	9	10	10	9.7	Ae	Cu, Ae	Se	2.6	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
22	10	10	10	10.0	As	Se	As, Cu	1.9	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
23	10	10	10	10.0	St	Se	St	0.3	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
24	10	9	10	9.7	St	As, Cu	Se	0.0	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
25	10	7	10	9.0	St	Cu	Se, Cl	0.4	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
26	10	9	7	8.7	St	Se	Cu, As, Cl	2.7	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
27	10	7	6	7.3	As, Cu	Cu, Cl, Cu, Ce	Cl, Cu, As, Cu	1.7	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
28	9	7	9	8.3	Cu, Ae	Cu, Cb, Cl	Se, Cu, As, Cl	8.9	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
29	10	10	10	10.0	Se	Cu, Ce	As	0.0	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
30	9	8	8	8.3	As	Cl, Cu, Ae	Cu, As, Cl	.	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
31	10	7	4	7.0	Se, As, Cl, Cu	Cu, As, Cl, Cu	Cl, As	5.2	.	0.0 ¹⁰ ...1010, 0.10 ¹⁸ ...1538, (R) ⁰ 15 ³¹ ...1538, 16 ⁴⁸ ...1640
M	9.0	8.6	8.1	8.6				83.2 ⁰		"Le total mens - Monthly mean

Août - August

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980

TMO - GMT

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature								Tension de la vapeur Vapour pressure				Humidité relative Relative humidity					Vent-direction et vitesse Wind velocity and direction							
	900 + ... [hPa]				[°C]								[hPa]				[%]					[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	109.8	108.9	110.1	109.6	16.1	19.0	26.3	17.7	19.8	26.4	13.9	12.5	12.5	19.6	21.1	19.4	20.0	93	89	62	96	85	0	0	W	2	ESE	1	1.0
2	110.1	110.1	109.5	109.9	17.0	16.4	23.0	20.2	19.2	24.5	15.5	9.0	10.7	18.0	19.2	20.4	19.2	97	97	68	86	87	#	1	W	1	C	0	0.7
3	110.5	109.6	106.7	108.9	14.9	17.7	26.3	21.8	20.2	26.4	12.5	13.9	10.1	18.6	17.3	21.3	19.1	94	92	50	81	79	C	0	WSW	1	SE	1	0.7
4	102.5	103.1	103.5	103.0	17.6	19.5	25.6	21.9	21.2	26.6	16.9	9.7	14.3	18.2	24.0	23.9	22.0	84	80	73	91	82	S	2	S	1	SE	1	1.3
5	106.6	104.8	103.5	105.0	18.0	20.1	27.0	22.5	21.9	27.3	16.5	10.8	14.7	21.5	19.2	23.2	21.3	96	91	54	85	82	W	2	W	2	SSE	1	1.7
6	103.2	103.3	103.1	103.2	18.6	18.8	21.6	19.3	19.3	22.9	17.4	5.5	15.1	16.4	14.7	14.8	15.3	99	75	57	70	75	W	2	SSW	3	SSW	1	2.0
7	102.3	102.0	99.5	101.3	16.0	16.8	18.7	18.9	17.6	20.0	13.9	6.1	11.5	15.4	15.4	18.1	16.3	82	81	72	83	80	WSW	2	WSW	4	S	1	2.3
8	99.2	99.3	96.6	98.4	17.9	17.5	24.3	21.1	20.2	25.3	14.8	10.5	12.1	16.3	17.1	19.6	17.8	83	84	56	79	76	WSW	1	WSW	1	NNE	1	1.0
9	95.4	99.2	101.7	98.8	17.9	18.0	19.5	16.3	17.9	21.0	16.3	4.7	14.0	20.0	18.8	15.8	18.2	95	97	83	85	90	W	1	WSW	2	W	1	1.3
10	104.8	104.0	105.8	104.9	12.7	13.8	19.6	14.1	15.0	20.7	12.1	8.6	9.9	13.3	12.8	15.0	13.7	95	84	56	93	82	W	2	W	3	W	2	2.3
11	104.6	103.4	102.3	103.4	11.5	12.8	18.3	14.9	14.4	20.3	8.5	11.8	6.4	13.2	12.7	13.3	13.1	94	89	61	78	80	W	1	W	2	WSW	1	1.3
12	99.0	96.0	93.1	96.0	9.2	12.7	22.7	17.5	15.5	23.3	6.8	16.5	4.2	12.1	13.0	16.4	13.8	95	82	47	82	76	S	1	S	1	N	1	1.0
13	92.9	93.8	95.9	94.2	14.0	15.4	22.6	18.5	17.6	22.6	13.7	8.9	11.3	16.5	12.7	14.8	14.7	95	95	46	70	76	C	0	NNE	1	NNE	1	0.7
14	101.0	102.8	103.2	102.3	15.7	16.0	20.0	18.5	17.6	21.0	14.7	6.3	13.9	16.8	16.0	18.0	16.9	89	93	68	84	84	NNE	2	NNE	1	NNE	1	1.3
15	103.5	103.7	104.5	103.9	16.0	17.1	25.0	19.9	19.5	25.9	14.7	11.2	13.0	17.1	16.3	17.5	17.0	95	88	52	75	78	NNE	1	E	2	NNE	1	1.3
16	105.4	104.5	104.5	104.8	14.8	16.7	23.5	17.7	18.2	24.3	12.3	12.0	9.4	16.6	15.2	14.9	15.6	96	88	53	74	78	N	1	N	1	C	0	0.7
17	106.3	106.8	106.1	106.4	10.5	12.6	17.5	15.8	14.1	20.4	-8.9	11.5	5.8	13.2	14.3	14.0	13.8	98	91	72	78	85	NNE	1	NNE	1	C	0	0.7
18	107.0	106.9	107.1	107.0	10.7	13.0	19.5	16.4	14.9	20.1	7.9	12.2	4.1	13.2	12.0	13.4	12.9	94	88	53	72	77	N	1	NNE	1	C	0	0.7
19	108.2	108.1	108.1	108.1	10.8	14.4	20.0	16.3	15.4	20.7	9.4	11.3	7.0	14.8	13.1	15.8	14.6	95	90	56	85	82	NNE	1	NNE	1	C	0	0.7
20	105.5	104.0	100.1	103.2	9.9	12.8	22.0	17.0	15.4	22.2	8.9	13.3	5.4	14.1	13.2	15.6	14.3	94	95	50	81	80	S	1	SSW	2	SSW	1	1.3
21	94.6	86.6	87.7	89.6	13.9	16.5	21.4	14.2	16.5	22.3	13.0	9.3	12.1	16.2	17.5	14.2	16.0	97	87	69	88	85	SW	2	SW	5	WSW	3	3.3
22	87.1	88.0	89.3	88.1	13.0	13.3	14.0	12.2	13.1	15.1	10.9	4.2	9.5	11.6	11.4	11.7	11.6	70	76	71	82	75	WSW	4	WSW	6	WSW	3	4.3
23	90.3	93.2	95.7	93.1	11.8	11.2	13.5	12.8	12.3	14.5	10.9	3.6	8.7	12.3	13.9	12.7	13.0	71	92	90	86	85	W	3	W	3	W	2	2.7
24	100.8	101.7	102.1	101.5	11.4	11.6	13.7	10.6	11.8	15.0	10.6	4.4	8.1	11.3	8.7	10.5	10.2	93	83	55	82	78	W	2	WSW	2	WSW	1	1.7
25	102.9	104.3	105.7	104.3	8.5	8.8	14.2	11.2	10.7	14.8	5.7	9.1	2.5	10.7	10.2	11.8	10.9	90	95	63	89	84	W	2	WSW	3	WSW	1	2.0
26	107.8	108.8	108.6	108.4	10.5	11.7	14.2	12.8	12.3	17.7	9.4	8.3	6.9	12.6	13.3	12.2	12.7	95	91	82	83	88	W	1	W	1	W	1	1.0
27	110.0	109.4	109.1	109.5	6.9	9.8	17.1	12.6	11.6	18.4	5.0	13.4	2.4	11.2	13.2	12.9	12.4	98	92	67	88	86	WSW	1	W	1	C	0	0.7
28	110.6	108.8	105.9	108.4	6.1	10.2	21.9	16.3	13.6	22.1	6.0	16.1	4.1	12.4	11.4	14.7	12.8	100	100	43	79	80	S	1	SSW	1	SW	1	1.0
29	102.6	100.8	98.8	100.7	12.7	14.4	25.2	19.6	18.0	25.5	11.9	13.6	8.6	15.1	17.7	19.8	17.5	92	92	55	87	82	S	1	W	2	W	1	1.3
30	98.5	96.9	94.8	96.7	15.3	16.9	23.9	18.5	18.6	24.4	14.5	9.9	11.7	18.6	19.6	20.0	19.4	97	97	66	94	88	SW	1	SW	1	SW	1	1.0
31	95.0	96.1	95.9	95.7	17.4	16.3	19.7	14.8	17.0	21.5	14.8	6.7	11.1	17.0	16.0	15.2	16.1	95	92	70	90	87	WSW	1	WSW	1	C	0	0.7
M	102.5	102.2	101.9	102.2	13.5	14.9	20.7	16.8	16.5	21.7	11.9	9.8	9.4	15.3	15.2	16.2	15.6	92	89	62	83	82							

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	24 ^h	6 ^h	12 ^h	18 ^h			
1	9	7	10	6,7	Cl, Cs, Ac, Cu	Cs, Ac	Cb, Cu, Ac	30,1	.	$\odot 11^{\circ}30'-54^{\circ}$, $\odot 1-2^{\circ}14'-16^{\circ}45'$, $\odot 0^{\circ}17'-24'-16^{\circ}16'$ $(R)^{\circ}E 12^{\circ}15'-N 13^{\circ}26'$, $(R)^{\circ}E 14^{\circ}15'-R 14^{\circ}16'-14^{\circ}14'$, $(R)^{\circ}S 15^{\circ}22'-$ $-R 15^{\circ}22'-15^{\circ}19'$, $(R)^{\circ}NW 16^{\circ}40'$, $(R)^{\circ}ENE 17^{\circ}24'-NE - N 17^{\circ}52'$ $= 18^{\circ}15'$-np $= 17^{\circ}20'$-np $= n-6^{\circ}45'$ $\Delta 0^{\circ}08'-6^{\circ}41'$, $(T)^{\circ}W 7^{\circ}25'$, $R 1^{\circ}39'-8^{\circ}09'$, $(R)^{\circ}SE 9^{\circ}04'$, $\odot 1^{\circ}33'-8^{\circ}53'$, $\odot 12^{\circ}35'-13^{\circ}15'$, $\odot 14^{\circ}46'$, $\odot 15^{\circ}45'$, $\odot 21^{\circ}54'-22^{\circ}01'$ $= n-6^{\circ}31'$, $\Delta 0^{\circ}17'-20'$-np; $\odot 23^{\circ}51'-24^{\circ}13'$
2	10	10	0	6,7	St	Cs, Cu	.	.	.	
3	0	2	0	0,7	.	Cu	.	.	.	
4	1	10	10	7,0	Cu	As, Ac	As, Ac, Cu	2,7	.	$\Delta 0^{\circ}08'-6^{\circ}41'$, $(T)^{\circ}W 7^{\circ}25'$, $R 1^{\circ}39'-8^{\circ}09'$, $(R)^{\circ}SE 9^{\circ}04'$, $\odot 1^{\circ}33'-8^{\circ}53'$, $\odot 12^{\circ}35'-13^{\circ}15'$, $\odot 14^{\circ}46'$, $\odot 15^{\circ}45'$, $\odot 21^{\circ}54'-22^{\circ}01'$ $= n-6^{\circ}31'$, $\Delta 0^{\circ}17'-20'$-np; $\odot 23^{\circ}51'-24^{\circ}13'$
5	3	7	2	4,0	Cu	Cl, Cs, Cu	Cl, Cu	0,2	.	
6	8	3	0	1,3	Ac, Cu	Cu	.	.	.	
7	10	10	10	10,0	As, Cu	Sc	As, Ac	0,1	.	$\odot 23^{\circ}19'-24^{\circ}08'$ $\odot 0-1^{\circ}18'-19^{\circ}49'$, $\odot 0-12^{\circ}36'-24^{\circ}00'$ $(R)^{\circ}SW 22^{\circ}26'$, $R 22^{\circ}56'-23^{\circ}17'$, $(R)^{\circ}NW 24^{\circ}19'$ $\odot 0-1^{\circ}00'-1^{\circ}12'$, $\odot 0-12^{\circ}44'-5^{\circ}11'$, $\odot 0^{\circ}39'-9^{\circ}51'$, $\odot 1^{\circ}03'-12^{\circ}09'$ $\Delta 0^{\circ}08'-45'$, $\odot 12^{\circ}57'-13^{\circ}18'$, $\odot 1^{\circ}05'-16^{\circ}30'$, $\odot 1^{\circ}33'-18^{\circ}18'$
8	10	3	10	7,7	Sc	Cl, Cu	Cs, Ac	6,3	.	
9	10	10	9	9,7	As	Sc	Ac, Cs, Cl	0,8	.	
10	7	8	10	6,3	Ac, Cu	Cs, Cu	Sc	1,3	.	
11	9	4	4	5,7	Ac, Sc	Cu	Ac	.	.	
12	7	6	10	7,7	Cl, Cr	Cu	Cs, Cl	.	.	$\Delta 1^{\circ}08'-35'$, $\Delta 0^{\circ}17'-40'$-np $\odot 22^{\circ}12'-22^{\circ}58'$
13	10	7	10	9,0	Ac, As	Cu, As	Ac, As	0,0	.	
14	10	10	10	10,0	Sc	Sc	Ac, As, Cu	.	.	
15	7	7	4	6,0	Ac, Cl, Ce	Cu, Cl, As	Cl, Cu	.	.	
16	0	3	4	3,0	.	Cu	Cl	.	.	$\Delta 1^{\circ}08'-30'$ $\Delta 1^{\circ}08'-30'$ $\Delta 1^{\circ}08'-30'$ $\Delta 1^{\circ}08'-30'$ $\Delta 1^{\circ}08'-30'$
17	10	8	2	6,7	Sc	Cu	Cu	.	.	
18	0	8	10	0,0	.	Sc, Cu	Sc	.	.	
19	3	9	10	7,3	Cl, Cu	Sc, Cu	As, Cu	.	.	
20	0	3	10	4,3	.	Ac, Cu	Sc	0,8	.	$\Delta 1^{\circ}08'-35'$, $\Delta 0^{\circ}17'-40'$-np $\odot 22^{\circ}12'-22^{\circ}58'$
21	10	10	3	7,7	As	Sc	Cu	7,1	.	$\odot 0^{\circ}00'-0^{\circ}42'$, $\odot 0^{\circ}45'-5^{\circ}39'$, $\odot 0^{\circ}39'-9^{\circ}01'$, $\odot 0^{\circ}30'-9^{\circ}31'$ $\odot 1-2^{\circ}43'-16^{\circ}01'$, $\odot 0^{\circ}16'-16^{\circ}36'$, $(R)^{\circ}W 14^{\circ}35'$-SW-S 15¹² $\odot 0^{\circ}31'-4^{\circ}41'$, $\odot 0-1^{\circ}24'-6^{\circ}22'$, $\odot 10^{\circ}08'-10^{\circ}21'$, $\odot 10^{\circ}21'-10^{\circ}33'$, $\odot 10^{\circ}23'-10^{\circ}33'$, $\odot 10^{\circ}33'-10^{\circ}36'$, $\odot 10^{\circ}30'-10^{\circ}45'$, $\odot 11^{\circ}04'-11^{\circ}20'$, $\odot 12^{\circ}20'-12^{\circ}38'$, $\odot 17^{\circ}12'$-np $\odot 0^{\circ}08'-6^{\circ}34'$, $\odot 7^{\circ}33'-11^{\circ}48'$, $\odot 12^{\circ}46'-14^{\circ}17'$, $\odot 18^{\circ}22'-15^{\circ}40'$, $\odot 20^{\circ}52'-21^{\circ}13'$ $\odot 0-1^{\circ}15'-15^{\circ}35'$, $\odot 16^{\circ}18'-16^{\circ}26'$ $\odot 0^{\circ}05'-8^{\circ}09'$ $\odot 10^{\circ}44'-10^{\circ}55'$, $\odot 0-1^{\circ}14'-12^{\circ}21'$ $\Delta 0^{\circ}08'-7^{\circ}01'$, $\odot 0^{\circ}23'-8^{\circ}58'$; $= 17^{\circ}02'$-np $\Delta 0^{\circ}08'-6^{\circ}40'$ $\odot 0^{\circ}29'-3^{\circ}35'$, $\odot 10^{\circ}12'-10^{\circ}03'$, $\odot 10^{\circ}21'-10^{\circ}33'$ $(R)^{\circ}NW 17^{\circ}45'$-K-As 18²⁷, $\odot 0-1^{\circ}03'-1^{\circ}57'$ $= 0-1^{\circ}08'-6^{\circ}20'$; $= 6^{\circ}20'-10^{\circ}10'$; $= 18^{\circ}14'$-np; $\odot 0-1^{\circ}03'-1^{\circ}57'$ $\odot 0-1^{\circ}26'-3^{\circ}05'$, $\odot 13^{\circ}28'-14^{\circ}32'$, $\odot 1-2^{\circ}17'-17^{\circ}55'$, $\odot 20^{\circ}00'-20^{\circ}08'$, $\odot 0^{\circ}08'-6^{\circ}50'$; $(R)^{\circ}SW 16^{\circ}56'$-R 17²⁵-17⁴⁰-(R)⁰AK 18¹² $= 17^{\circ}41'$-np
22	10	9	10	9,7	Sc, Cu, Ac	Sc, Cu	Sc	1,8	.	
23	10	10	10	10,0	Sc	Sc	Sc	1,1	.	
24	10	10	10	10,0	Sc	Sc	Sc	0,0	.	
25	10	8	10	8,3	Sc	Cu	Sc	0,1	.	
26	10	10	10	10,0	St	Sc	Sc	1,0	.	
27	1	8	0	3,0	Cl	Cu, Cl	.	.	.	
28	0	6	3	3,0	.	Cl, Ce, Cu	Cl	0,0	.	
29	10	7	10	9,0	Ac	Ac, As	As, Cb	2,6	.	
30	10	10	10	10,0	Ac	Ac, As	Cb	4,9	.	
31	10	9	3	7,3	As, Cu	Cu, As	Ac	.	.	
M	6,9	7,6	6,9	7,1				63,5*		*Le total mens - Monthly mean

Septembre - September

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980

TMOF - CMT

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature								Tension de la vapeur Vapour pressure				Humidité relative Relative humidity					Vent-direction et vitesse Wind velocity and direction							
	900 + ... [hPa]				[°C]								[hPa]				[%]					[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	98.0	99.8	103.3	100.4	10.4	12.8	14.0	12.9	12.5	15.2	10.2	5.0	7.4	13.7	14.2	14.2	14.0	99	93	89	95	94	WSW	1	WSW	1	NNW	2	1.3
2	111.3	113.4	115.6	113.4	10.4	10.4	17.5	10.3	12.2	17.7	10.3	7.4	9.5	12.1	9.6	10.8	10.8	93	96	48	86	81	NW	2	K	2	WNW	1	1.7
3	115.2	114.4	113.0	114.2	4.4	7.7	18.1	12.2	10.6	18.3	2.4	15.9	0.5	10.5	12.2	12.5	11.7	99	100	59	88	86	SW	1	SW	1	C	0	0.7
4	110.3	107.1	105.5	107.6	7.4	9.4	22.3	13.9	13.2	22.3	6.0	16.3	2.8	10.5	13.0	13.6	12.4	98	89	48	85	80	SE	1	S	1	C	0	0.7
5	104.6	104.2	102.6	103.8	10.1	12.2	23.1	17.1	15.6	24.1	8.4	15.7	6.3	13.5	14.9	17.3	15.2	95	95	53	89	83	SW	1	SW	1	C	0	0.7
6	102.3	104.6	107.9	104.9	13.3	15.4	24.3	17.7	17.7	24.7	12.2	12.5	9.5	16.0	18.0	18.2	17.4	97	91	59	90	84	SW	1	WNW	1	SW	1	1.0
7	112.0	114.0	114.1	113.4	14.8	13.4	15.9	12.9	14.2	17.7	10.4	7.3	7.4	14.7	15.4	14.0	14.7	92	95	85	94	92	W	1	C	0	C	0	0.3
8	113.8	112.4	111.1	112.4	9.6	14.1	25.1	17.1	16.5	25.5	8.9	16.6	6.3	15.7	17.6	17.1	16.8	98	94	55	88	85	SE	1	SE	2	SE	1	1.3
9	107.5	106.1	103.0	105.5	12.2	13.9	24.9	17.3	17.1	25.1	9.8	15.3	6.5	14.3	16.6	16.4	15.8	95	90	53	82	80	S	1	S	2	W	1	1.3
10	105.9	106.1	104.8	105.6	14.2	12.8	15.9	13.0	14.0	18.6	12.8	5.8	11.1	13.4	12.3	13.9	13.2	91	91	63	93	86	WSW	1	WSW	1	C	0	0.7
11	98.1	94.9	94.2	95.7	10.5	9.8	12.5	11.8	11.2	13.7	8.4	5.3	5.4	11.5	13.5	13.2	12.7	100	95	93	95	96	SE	1	S	2	S	1	1.3
12	97.4	101.2	102.2	100.3	12.2	11.2	12.6	10.5	11.6	13.9	10.5	3.4	6.4	13.3	12.9	11.9	12.7	99	100	88	94	95	W	3	SW	3	C	0	2.0
13	98.4	96.8	98.3	97.8	10.6	12.8	15.4	13.2	13.0	16.7	7.9	8.8	4.9	14.6	16.9	12.7	14.7	98	99	97	84	94	SE	1	SSW	2	SSW	1	1.3
14	100.4	99.8	99.1	99.8	10.4	10.4	14.6	13.2	12.2	15.3	7.4	7.9	5.1	11.0	11.6	12.0	11.5	91	87	70	79	82	SSW	1	SSW	5	SSW	2	2.7
15	97.0	99.5	102.3	99.6	12.5	10.5	13.2	11.4	11.9	14.8	10.0	4.8	8.6	11.6	9.2	9.9	10.2	92	91	61	73	79	WSW	2	W	5	W	2	3.0
16	108.2	111.6	112.4	110.7	11.2	11.8	17.7	9.9	12.6	18.4	9.9	8.5	5.4	12.5	11.4	10.6	11.5	88	90	56	87	80	W	2	W	2	W	1	1.7
17	113.1	111.2	108.6	111.0	4.7	7.8	17.1	11.0	10.2	17.6	2.9	14.7	0.3	10.6	12.6	12.5	11.9	97	100	65	95	89	NNW	1	SW	1	SE	1	1.0
18	104.5	106.4	107.2	106.0	10.5	11.0	15.9	9.8	11.8	17.4	9.3	8.1	5.4	12.5	12.1	10.8	11.9	96	95	68	90	87	SW	2	W	3	C	0	1.7
19	109.8	110.0	110.2	110.0	6.2	8.2	18.1	9.4	10.5	18.8	4.9	13.9	1.1	10.9	10.2	10.8	10.6	100	100	49	92	85	SW	1	W	1	W	1	1.0
20	111.3	110.6	110.0	110.6	3.7	5.3	19.3	10.2	9.6	19.5	1.9	17.6	-0.2	8.9	11.2	11.0	10.4	98	100	50	88	84	C	0	SSW	1	SSW	1	0.7
21	108.8	107.6	106.1	107.5	5.6	7.2	21.0	12.9	11.7	21.0	4.3	16.7	0.3	10.0	12.7	13.6	12.1	98	99	51	92	85	SSE	1	S	1	C	0	0.7
22	103.0	103.5	105.2	103.9	14.2	13.1	21.7	15.7	16.2	22.3	12.3	10.0	8.9	14.5	15.0	13.7	14.4	90	96	58	77	80	C	0	NNW	1	N	1	0.7
23	110.9	111.8	111.6	111.4	8.8	10.2	13.8	7.5	10.1	15.9	7.4	8.5	3.3	12.3	11.2	9.9	11.1	97	99	71	96	91	N	1	E	1	C	0	0.7
24	113.3	113.4	114.0	113.6	2.9	4.9	15.8	10.8	8.6	16.0	2.8	13.2	0.3	8.5	10.1	12.3	10.3	98	98	57	95	87	C	0	C	0	C	0	0.0
25	114.2	113.7	112.6	113.5	10.8	11.0	18.5	12.4	13.2	18.9	9.8	9.1	6.9	12.5	11.0	12.2	11.9	97	95	51	85	82	SSW	1	SSW	1	SSW	1	1.0
26	109.7	109.7	109.5	109.6	10.7	10.5	11.0	9.4	10.4	12.4	9.0	3.4	8.0	12.2	12.8	11.5	12.2	89	96	97	97	95	C	0	NNW	2	C	0	0.7
27	108.3	108.0	107.2	107.8	7.0	7.0	10.3	8.4	8.2	11.6	4.9	6.7	2.3	10.0	11.6	10.6	10.7	98	100	92	96	96	W	1	WNW	1	C	0	0.7
28	108.4	109.9	111.8	110.0	4.8	8.6	13.2	11.2	9.4	13.9	4.5	9.4	1.5	11.2	13.1	13.0	12.4	100	100	86	97	96	NNW	1	NW	2	NNW	1	1.3
29	113.9	113.9	113.5	113.8	7.9	9.6	13.8	9.9	10.3	14.6	7.7	6.9	5.1	12.0	11.7	11.4	11.7	99	100	74	93	92	WNW	1	W	1	W	1	1.0
30	110.4	105.9	101.4	105.9	5.3	6.1	12.5	11.6	8.9	12.8	4.5	8.3	1.8	9.4	12.3	13.5	11.7	98	100	85	99	96	SE	1	SE	3	SW	4	2.7
M	107.3	107.4	107.3	107.3	9.2	10.3	17.0	12.2	12.2	17.8	7.7	10.1	4.9	12.1	12.9	12.8	12.6	96	96	68	90	88		1.1	1.7	0.8	1.2		

Septembre - September

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980
TMR - GMT

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	Sc, Ac	Sc	Ne	3.0	.	0 ⁰ 28-40, 0 ⁰ 07-10, 0 ⁰ 10-20...17 ¹⁴ , 0 ¹ 17 ¹⁴ -17 ⁴⁸ , 0 ⁰ 17 ⁴⁸ ...21 ¹⁸ , 0 ⁰ 23 ¹⁸ ...24 ²² 0 ⁰ 13...14, 0 ⁰ 17 ³⁸ -sp 0 ⁰ 2...14, 0 ⁰ 08-15-sp na-40; 0 ⁰ 08-15, 0 ⁰ 17 ²⁸ -sp 0 ⁰ 2-750; 0 ⁰ 17 ⁴⁰ -sp 0 ⁰ 2-700; 0 ⁰ 17 ²⁷ -sp 0 ⁰ na-40; (R) 0 ⁰ 5 16 ⁴⁸ -SE-SSK 16 ⁴² ; 0 ⁰ 16 ⁴⁸ -16 ¹² , 0 ⁰ 16 ¹² -16 ²⁷ na-sp na-04 na-4; 0 ⁰ 17 ²⁴ -18 ⁴¹ ; 0 ⁰ 18 ⁴¹ ...19 ⁰⁵ , 0 ⁰ 19 ¹² -19 ⁵⁴ , 0 ⁰ 21 ²⁰ -21 ⁴¹ 0 ⁰ 20...14, 0 ⁰ 31 ¹¹ -32, 0 ⁰ 12 ¹⁸ ...16 ⁵⁸ ; 17 ³⁵ -sp
2	10	3	0	4.3	Sc	Cu	.	0.0	.	0 ⁰ 1-20-10 ⁴⁷ , 0 ⁰ 11 ⁰³ -12 ³⁸ , 0 ⁰ 13 ¹⁰ -13 ³¹ , 0 ⁰ 15 ⁰⁹ -15 ³¹ , 0 ⁰ 22 ¹⁶ -22 ⁴³ , 0 ⁰ 23 ¹⁷ ...24 ⁰⁰ 0 ⁰ 00...11 ¹⁸ , 0 ⁰ 24 ⁰⁰ -0 ⁰ 08, 0 ⁰ 10 ⁰⁶ -01, 0 ⁰ 01-03, 0 ⁰ 08...10 ¹² , 0 ⁰ 11 ¹⁸ -11 ²⁷ , 0 ⁰ 12 ⁴⁵ -12 ⁵⁷ , 0 ⁰ 20 ⁵⁸ -21 ¹⁶ na-40; 0 ⁰ 10-820; 0 ⁰ 20-13; 0 ⁰ 21 ¹⁷ -24 ⁴⁴ , 0 ⁰ 09-21 0 ⁰ 09-45, 0 ⁰ 1-24-14, 0 ⁰ 02-12, 0 ⁰ 25 ⁵⁵ -758, 0 ⁰ 1-551-1138, 0 ⁰ 11 ⁵³ ...13 ⁴⁰ , 0 ⁰ 18 ¹² -18 ²¹ ; (R) 0 ⁰ 5W 18 ⁰⁵ -W-WW 18 ¹⁰ 0 ⁰ 10 ¹³ -11 ⁰⁴ , 0 ⁰ 14 ²⁴ -14 ³² , 0 ⁰ 19 ⁴² ...19 ⁵⁷ , 0 ⁰ 23 ³¹ -23 ⁵⁸ , 0 ⁰ 23 ⁵⁸ -24 ⁰⁰ 0 ⁰ 00-102, 0 ⁰ 26...405, 0 ⁰ 02-20, 0 ⁰ 38...614, 0 ⁰ 8 ⁵⁹ -9 ⁰⁷ , 0 ⁰ 13 ³⁹ -13 ⁴³ , 0 ⁰ 14 ²¹ ...14 ⁴² , 0 ⁰ 18 ²² ...20 ⁵⁴ ; 0 ⁰ 23 ¹⁰ ...23 ⁴⁸ , (R) 0 ⁰ 5W 10 ¹³ -SE-SSK 10 ²⁸ 0 ⁰ 07...129; 0 ⁰ 17 ³⁸ -sp na-730; 0 ⁰ 30-20, 0 ⁰ 17 ²³ -sp 0 ⁰ 347-354, 0 ⁰ 30-41, 0 ⁰ 01-05, 0 ⁰ 09-17 na-40; 410-720; 0 ⁰ 17 ²⁸ -sp na-38; 0 ⁰ 38-708; 0 ⁰ 17 ¹⁴ -sp
3	10	10	5	8.3	Cl, Ce, Cu	Cu, Ae, As	Cl, Ce	0.0	.	na-520; 320-805; 0 ⁰ 17-sp na-308 na-740; 0 ⁰ 21-03, 0 ⁰ 14...22; 0 ⁰ 17 ¹⁰ -sp na-720; 720-600; 17 ¹⁰ -sp 0 ⁰ 17 ³⁰ -sp 0 ⁰ 1-22-15, 0 ⁰ 28-51, 0 ⁰ 1-45-16 ⁰² , 0 ⁰ 16 ⁴⁷ -16 ⁵⁴ , 0 ⁰ 20 ²¹ -20 ³⁵ na-620; 1-20-710, 0 ⁰ 10-751, 0 ⁰ 16 ²⁴ -17 ⁰² , 17 ⁰² -sp; 0 ⁰ 33...649, 0 ⁰ 16 ⁴¹ -17 ⁰⁹ na-11; 0 ⁰ 33-355, 0 ⁰ 33-43, 0 ⁰ 50-455, 0 ⁰ 547-576, 0 ⁰ 10 ⁰¹ ...11 ⁰³ , 0 ⁰ 12 ⁴¹ -12 ⁴⁴ 0 ⁰ na-41; 0 ⁰ 02...432; 17 ¹⁷ -sp na-41; 0 ⁰ 11 ¹⁴ -18 ²⁸ , 0 ⁰ 12 ⁴⁸ -24 ¹⁴
4	0	7	0	2.3	.	Cl, Cu	.	.	.	
5	0	1	10	3.7	.	Cu	Cu, Cu	.	.	
6	4	10	10	8.0	Ce, Cu	Ce, Cu, Ae, Ch	Sc	0.6	.	
7	10	10	0	6.7	St	St	.	.	.	
8	0	3	0	1.0	.	Cu	.	.	.	
9	0	1	1	0.7	.	Cu, Cl	Cu	1.4	.	
10	10	10	10	10.0	Sc	As	As, Cl	0.0	.	
11	9	10	8	9.0	Cl, Cu	Ne	Cu, Ae	3.7	.	
12	10	10	1	7.0	As	Ne	As	2.3	.	
13	10	10	7	9.0	Ne	Ne	Ae, Ch	1.7	.	
14	0	10	10	6.7	.	Sc	Sc, Cu	2.0	.	
15	9	9	10	9.3	Sc, Cu	Sc	Sc, Ae	0.3	.	
16	7	5	1	4.3	Cu, Ae	Cu	Cu	.	.	
17	10	3	2	5.0	St	Cl, Cu	Cl	0.0	.	
18	9	5	0	4.7	Sc	Cu	.	0.0	.	
19	1	7	0	2.7	Cl	Cl, Cu	.	.	.	
20	10	2	0	4.0	.	Cl, Cu	.	.	.	
21	0	0	1	0.3	.	.	Cl	.	.	
22	4	3	9	6.7	Ae	Cu	As	0.0	.	
23	10	10	0	6.7	St	Sc	.	0.0	.	
24	10	10	8	9.3	St	Sc	Ne	.	.	
25	9	6	8	7.7	Ae, Cl	Cl, Ae, Cu	Ce, Cl	1.1	.	
26	10	10	10	10.0	Ne	As	Ne	12.3	.	
27	10	10	5	6.3	St	Sc	Cu	0.3	.	
28	10	9	9	9.3	Ne	Ae, Cu	Ne	0.1	.	
29	10	10	10	10.0	Sc	Sc	Sc	.	.	
30	10	10	10	10.0	.	St	Ne	7.3	.	
M	7.1	7.1	7.2	6.6				36.3 ^a		^a Le total mens - Monthly mean

Octobre - October

LES ÉLEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1960

ZMOR - 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	N	0 ^h	6 ^h	12 ^h	18 ^h	N	Max.	Min.	Ampl.	Nin.	6 ^h	12 ^h	18 ^h	N	0 ^h	6 ^h	12 ^h	18 ^h	N	6 ^h	12 ^h	18 ^h	N			
1	99.5	102.8	106.7	103.0	9.6	8.0	12.4	10.2	10.0	12.8	7.3	5.5	4.1	10.7	12.0	9.9	10.9	94	100	83	80	89	W	2	WNW	2	NNE	1	1.7
2	105.0	102.1	100.0	102.4	5.6	7.0	11.0	10.8	8.6	12.3	5.0	7.3	1.9	10.0	11.2	10.7	10.6	100	100	85	82	92	SSW	1	SW	3	W	3	2.3
3	101.5	103.2	104.9	103.2	9.1	8.6	13.3	9.2	10.0	14.2	7.8	6.4	5.7	10.4	8.5	8.3	9.1	88	93	56	71	77	NNE	4	NNE	4	NNE	2	3.3
4	109.0	107.9	107.5	107.8	7.2	6.2	13.0	7.0	8.4	13.5	4.4	9.2	1.4	9.0	9.4	9.4	9.3	91	95	63	94	86	WNW	1	WNW	2	C	0	1.0
5	103.6	101.7	101.8	102.4	5.9	6.6	8.6	5.0	6.5	10.4	5.0	5.4	1.4	8.7	10.6	8.4	9.2	100	90	94	97	95	S	1	S	1	S	1	1.0
6	102.5	101.7	100.3	101.5	1.4	5.6	11.2	9.6	7.0	11.5	1.1	10.4	-1.6	9.1	11.6	11.0	10.6	99	100	80	92	95	S	2	SSW	1	S	1	1.3
7	97.1	93.1	89.9	93.4	6.7	8.8	16.0	14.2	11.4	16.1	5.9	10.2	1.9	10.4	12.4	13.8	12.2	97	92	68	86	86	S	2	SW	4	S	2	2.7
8	92.9	94.2	95.9	94.3	13.2	10.7	10.9	9.6	11.1	14.7	9.6	5.1	8.0	12.4	11.9	11.5	11.9	91	96	91	96	94	SW	2	SW	1	S	2	1.7
9	95.4	91.1	90.2	92.2	8.6	8.3	8.4	7.4	8.2	9.6	7.4	2.2	6.4	11.0	11.0	10.0	10.7	97	100	100	97	98	ESE	1	N	2	WNW	2	1.7
10	111.3	101.5	99.7	100.8	6.6	5.6	10.8	7.7	7.7	10.9	5.1	5.8	2.4	9.1	9.4	10.2	9.6	97	100	73	97	92	S	2	W	1	SSW	1	1.3
11	93.2	87.2	89.9	90.1	6.4	7.2	6.8	6.8	6.8	7.7	6.5	1.2	5.8	10.2	9.6	9.3	9.7	92	100	97	94	96	WSW	1	SW	2	SW	1	1.3
12	95.0	96.1	94.8	95.3	6.8	5.8	13.8	11.4	9.4	14.5	4.4	10.1	2.5	8.8	10.2	10.5	9.8	94	95	65	78	83	W	1	W	2	W	1	1.3
13	93.0	92.1	92.3	92.5	10.7	10.5	13.0	11.4	11.4	14.0	9.0	5.0	7.4	10.9	12.0	12.0	11.6	83	86	80	89	84	ESE	1	ESE	2	ESE	2	1.7
14	95.7	87.0	90.9	88.2	9.9	9.7	7.6	8.2	8.8	11.4	7.4	4.0	6.5	11.9	10.3	10.7	11.0	94	99	99	99	98	W	2	W	2	S	3	2.3
15	94.9	97.6	99.5	97.3	7.6	7.6	10.5	6.8	8.1	11.0	6.5	4.5	3.9	8.7	8.1	8.4	8.4	95	83	64	86	82	SSW	4	SW	4	S	1	3.0
16	97.7	99.1	101.6	99.5	2.9	5.2	6.6	1.3	4.0	6.8	1.3	5.5	-1.6	8.4	9.3	6.7	8.1	100	95	96	100	98	SSE	1	NNE	1	C	0	0.7
17	99.8	95.8	92.5	96.0	-0.4	5.2	13.9	13.4	8.0	14.7	-0.8	15.5	-3.2	8.7	11.2	12.2	10.7	100	98	70	80	87	SE	2	SE	3	SSE	4	3.0
18	91.1	90.8	93.4	91.8	13.0	13.6	18.5	15.4	15.4	19.8	12.3	7.5	10.1	13.3	14.8	15.0	14.4	85	85	70	80	80	ESE	2	SE	2	SSE	2	2.0
19	100.2	102.8	107.0	103.3	12.8	10.9	9.8	8.2	10.4	16.6	8.2	8.4	6.8	12.9	11.8	10.6	11.8	97	99	97	97	98	W	1	WNW	2	W	1	1.3
20	111.4	111.1	113.7	112.1	5.7	0.3	10.4	3.5	5.0	11.2	-0.1	11.3	-2.6	6.2	7.2	6.9	6.8	96	100	57	88	85	C	0	SW	2	WSW	1	1.0
21	114.1	113.6	111.7	113.1	1.1	2.1	7.7	5.8	4.2	8.9	0.1	0.8	-3.7	6.8	7.4	7.9	7.4	97	96	71	86	88	W	1	W	2	W	2	1.7
22	106.5	105.7	103.6	105.9	5.9	5.8	11.0	6.7	7.4	11.5	5.5	6.0	3.8	7.9	8.3	8.6	8.3	78	86	64	88	79	SSW	1	S	1	S	1	1.0
23	99.5	96.0	94.5	96.6	5.6	3.7	12.6	8.6	7.7	12.9	2.9	10.0	0.3	7.6	10.2	10.2	9.3	84	95	70	92	85	S	1	SW	1	WSW	1	1.0
24	91.4	91.2	90.8	91.1	6.4	8.0	12.3	7.2	8.5	14.0	5.0	9.0	1.9	9.8	9.5	9.3	9.5	99	92	66	91	87	SW	2	SSW	2	SSW	1	1.7
25	95.9	83.6	91.5	88.7	8.9	9.4	11.8	9.5	9.9	12.7	7.0	5.7	3.4	10.1	12.5	11.4	11.3	81	85	90	96	88	S	2	SSW	1	C	0	1.0
26	102.7	103.5	113.7	109.3	7.8	5.2	7.0	0.1	5.0	9.5	0.1	9.4	-3.3	7.2	4.9	5.4	5.8	94	81	49	88	78	SW	1	WNW	4	C	0	1.7
27	117.1	116.1	112.5	115.2	-1.3	-1.9	7.2	4.3	2.1	7.5	-2.2	9.7	-4.7	5.3	4.8	6.0	5.4	97	100	47	72	79	E	1	SE	1	SE	1	1.0
28	104.0	103.2	101.7	103.0	4.0	10.4	15.8	14.2	11.1	16.3	3.5	12.8	2.9	12.6	13.6	13.0	13.1	100	100	76	80	89	W	2	W	4	WSW	2	2.7
29	93.4	91.6	92.5	92.5	13.0	11.0	14.8	8.8	11.9	16.6	8.8	7.8	5.9	9.9	10.8	9.5	10.1	78	75	64	84	75	SSW	3	WSW	5	WSW	2	3.3
30	93.3	94.8	102.0	96.0	9.0	8.4	8.6	6.6	8.2	9.6	6.2	3.4	6.4	9.2	10.2	9.6	9.7	74	83	92	98	87	SSW	2	SW	3	WNW	1	2.0
31	110.5	116.5	121.5	116.2	4.5	1.5	1.7	-0.3	1.8	6.8	-0.3	7.1	-1.6	6.5	4.8	4.2	5.2	95	96	69	70	82	NNE	1	N	1	N	1	1.0
M	99.7	99.5	100.1	99.8	6.9	6.9	10.9	8.1	8.2	12.3	4.8	7.4	2.5	9.5	10.0	9.7	9.7	92	93	76	88	87		1.6	2.2	1.4	1.7		

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation (mm)	Couche de neige Snow cover (cm)	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	10	10	0	6.7	Ne	Se	.	7.3	.	● 0-1,14-201; ● 0-1,40-36; ● 0,02...1014; ● 0-1,1203-1413 △ 1,18-20; ● 1027...1043; ● 0,1151-1224; ● 0,1321-1326; ● 0,1758-1832 ● 0,01-013; ● 0-1,15-241; ● 1,340-345; ● 0,28-706; ● 0-1,754-842; ● 0,1511-1319
2	9	10	10	9.7	Ac	Ne	Se, Cb	3.4	.	● 0,1,05-1429; = 1520-1715; = 0,1715-2120 ● 0-1,1013-1328; ● 0,1448-1544; ● 0,1642-1648; = 1235-1540; = 1720-2400 = 0,00-624; = 647-1002; = 0,24-647; ● 1,821...956; ● 0,1338-1351 ● 0,1021-1137; ● 0,1934-2203
3	9	6	0	5.0	Se	Cu	.	0.2	.	● 0-1,049-1002; ● 0,1102...1243; ● 0-1,1328-1530 = na-0; ● 0-1,07-1748; ● 0,2118...2157 = na-710; ● 0-1,1612-2400
4	8	7	9	8.0	Se	Cu, Cb	Se	0.0	.	● 1-0,00-414; ● 0,414-825; ● 0,756-901; ● 0,1101-1145 ● 0,1558-1638 ● 0,845...1,131; ● 0,1203...1343 = 1,1715; = 0,15-920; ● 0-1,333-1700; ● 0,1700-1830; ● 0,2036...2400 = 0,00...1,59; ● 0,17-1004; △ 0,1720-sp ● 0-1,647-1100; ● 1,1108-1135; = 1420-1545; = 1545-1630; = 21830...np
5	9	10	0	6.3	Cu, Ac, Ci	Ne	.	3.6	.	● 0-1,51-243; ● 0,59-419; ● 0,1252-1332 = na-820; = 620-11; ● 0,133...438; ● 1,438-1043; ● 0,1043-1248 = na-712; = na-720
6	10	10	10	10.0	St	Se	Se	0.2	.	● 0,1934-2154 △ 0,1715-sp △ 0,18-740 ● 0,50-711 ● 0,45-248; ● 0,521-630; ● 0,754...832; ● 0,03...2048 = na-725; ● 0,1845-2001; ● 0-1,2024-2400 ● 0-1,000-128; ● 0,15...603; ● 0,18...803 ● 0,1045-1056; ● 0,1209-1217; ● 0,1247-1252 ● 0,131...815; ● 0,644-915; ● 0-1,1000-1803; ● 0,1844-2030; ● 0,2101...2158; ● 0-1,2321-2400 ● 0-1,000-425; ● 0,427...642; △ 0,1323-1336
7	10	10	10	10.0	Ac, As, Co	Cs	St	3.0	.	
8	10	10	9	9.7	Ne	As	As	5.8	.	
9	10	10	10	10.0	Ne	Ne	Ne	18.4	.	
10	6	10	10	8.7	Cl, Cs	Ac, As	Ne	24.4	.	
11	10	10	10	10.0	St	Ne	Ne	0.2	.	
12	10	10	10	10.0	Ac	Ac, Se	Ac, Se	0.1	.	
13	10	8	0	6.0	Se	Cu, Ac	.	2.4	.	
14	10	10	10	10.0	Ne	Ne	St	29.9	.	
15	10	8	8	7.7	St	Cu, Cl, Co	Cs	0.1	.	
16	10	8	10	9.3	As, Ac	Se	≡ ²	6.9	.	
17	8	10	1	6.3	Ac, Cl	Cl, Cs	Cl	0.8	.	
18	10	10	5	8.3	Se	Se	Ac	4.8	.	
19	10	10	10	10.0	Ne	Ne	As	11.2	.	
20	0	7	2	3.0	.	Cu, Cl	Ac	.	.	
21	10	4	10	8.0	St	Cu	Ac	0.1	.	
22	10	9	10	9.7	Ac, As	Ac, As, Cl	Se, Ac	.	.	
23	9	10	10	9.7	Cl, Ac	Cl, Cs, Cu	Cs, Cu	.	.	
24	10	10	9	9.7	St	Se	Ac	0.0	.	
25	10	10	10	10.0	As, Ac	Se, Ac, As	Ne	0.8	.	
26	10	6	7	7.7	Se	Cu	Cl	.	.	
27	3	2	10	5.0	Cl, Co, Ac	Cl	As	3.6	.	
28	10	10	3	7.7	Ne	Se	Cl	0.1	.	
29	10	10	0	6.7	Ac	Se	.	0.1	.	
30	10	10	10	10.0	Ne	Ne	Ne	8.0	.	
31	10	10	10	10.0	Ne	Se	Se	0.0	.	
M	9.1	8.6	7.2	8.4				132.4*		* Le total mens - monthly mean

L.H. 36. 9-11(154)

Novembre - November

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980
TMOx - GLT

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature									Tension de la vapeur Vapour pressure				Humidité relative Relative humidity					Vent-direction et vitesse Wind velocity and direction						
	900 + ... [hPa]				[°C]									[hPa]				[%]											
	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	K	Max.	Min.	Ampl.	Kin.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	127.0	127.1	128.5	127.5	-2.9	-5.4	-0.1	-2.1	-2.6	0.3	-5.5	5.8	-8.0	4.0	3.4	3.4	3.6	05	98	56	64	76	N	1	NNE	2	NNE	1	1.3
2	128.6	127.6	126.3	127.5	-3.0	-5.0	-2.4	-2.9	-3.3	-2.1	-5.4	3.3	-8.0	3.7	3.2	3.2	3.4	62	88	63	64	69	NE	2	E	2	NE	2	2.0
3	123.2	120.9	120.7	121.6	-3.1	-3.4	-1.9	-3.5	-3.0	-0.8	-4.1	3.3	-6.0	3.5	3.6	4.4	3.8	68	74	69	94	76	NE	1	E	2	E	1	1.3
4	119.2	117.8	118.1	118.4	-5.0	-6.0	-3.1	-4.2	-4.6	-2.4	-6.4	4.0	-9.0	3.7	3.7	3.9	3.8	96	94	77	87	88	E	1	O	0	E	1	0.7
5	117.5	117.3	117.8	117.5	-4.4	-4.0	-1.1	-0.6	-2.5	-0.4	-4.4	4.0	-5.5	4.3	4.3	5.1	4.6	89	94	77	87	87	O	0	NE	1	NE	1	0.7
6	115.4	113.2	109.1	112.6	-1.4	-4.5	-1.5	-1.9	-2.3	0.0	-4.7	4.7	-7.1	4.3	4.6	4.4	4.4	85	98	84	82	87	E	1	E	2	E	3	2.0
7	103.1	102.9	105.5	103.8	-1.7	-1.9	-0.6	-5.6	-2.4	-0.4	-5.6	5.2	-10.5	4.2	4.4	3.8	4.1	76	79	75	95	81	E	1	E	1	O	0	0.7
8	109.4	108.4	105.7	107.8	-1.7	-1.9	0.3	-1.1	-1.1	0.5	-6.6	7.1	-11.4	4.6	4.5	4.2	4.4	89	87	72	75	81	O	0	W	1	SSW	2	1.0
9	96.2	92.7	93.5	94.1	-2.3	-2.1	0.5	0.0	-1.0	1.1	-7.5	3.6	-2.8	4.8	6.0	5.5	5.4	80	92	94	90	89	SSW	2	W	1	W	1	1.3
10	92.9	92.9	94.5	93.4	0.2	0.5	1.0	-0.6	0.3	1.3	-0.6	1.9	-3.1	5.7	5.3	5.1	5.4	88	90	81	88	87	WSW	1	W	1	W	1	1.0
11	99.1	100.2	99.8	99.7	-3.7	-6.6	0.5	-3.2	-3.3	0.9	-7.2	8.1	-11.0	3.2	3.5	3.8	3.5	77	88	56	79	75	W	1	W	1	SW	1	1.0
12	99.0	96.7	96.6	97.4	-5.9	-6.1	2.0	-1.0	-2.8	2.5	-6.3	8.8	-9.4	3.5	4.1	4.2	3.9	97	92	58	75	80	W	1	SSW	2	SSW	2	1.7
13	100.0	102.8	106.6	103.1	-1.9	0.0	3.5	1.9	0.9	3.6	-2.3	5.9	-5.6	5.2	6.1	6.4	5.9	85	86	78	91	85	SSW	1	SW	2	SW	2	1.7
14	102.5	102.2	102.0	102.3	1.0	0.8	3.6	3.9	2.3	4.1	-1.0	5.1	-4.1	5.5	6.7	6.5	6.2	91	85	85	80	85	SW	1	SW	2	SW	2	1.7
15	97.6	95.9	95.7	96.4	2.8	2.4	1.7	1.9	2.2	4.1	0.5	3.6	-0.1	5.7	6.8	6.9	6.5	80	79	98	98	89	SW	1	SW	1	SSW	1	1.0
16	87.0	90.4	93.8	92.4	2.0	5.8	11.2	11.8	7.9	12.1	1.9	10.2	0.9	9.2	11.0	11.8	10.7	96	100	83	85	91	SSW	1	SW	6	SW	3	3.3
17	99.0	101.9	102.6	102.8	10.7	10.2	12.2	10.3	10.8	13.1	9.9	3.2	6.3	11.6	11.0	10.4	11.0	93	93	78	83	87	W	3	WSW	2	SW	2	2.3
18	95.6	95.3	94.4	95.4	7.9	5.0	11.8	9.8	8.6	12.0	4.5	7.5	1.7	8.2	9.4	9.1	8.9	92	94	69	75	82	S	1	SSW	1	SSW	1	1.0
19	95.1	97.9	100.9	99.0	9.2	5.8	6.0	2.7	5.9	9.8	1.7	8.1	0.5	5.9	6.0	6.0	6.0	71	64	64	81	70	W	5	W	5	W	4	4.7
20	112.3	115.4	115.5	114.7	1.8	-0.9	3.3	-0.7	0.9	3.6	-1.0	4.6	-4.1	5.1	5.0	5.2	5.1	78	89	64	90	80	WNW	1	W	1	SW	1	1.0
21	109.5	105.0	106.2	106.9	-1.3	-0.3	4.8	7.2	2.6	7.2	-1.6	8.8	-4.3	4.6	6.1	9.1	6.6	88	78	71	90	82	S	2	S	2	SW	1	1.7
22	109.1	109.7	109.3	109.0	7.7	7.4	11.2	9.6	9.0	11.6	6.6	5.0	2.5	9.7	10.4	9.6	9.9	90	94	78	80	86	SW	1	SW	1	SW	1	1.0
23	107.5	106.2	106.4	106.7	10.5	9.8	10.4	11.4	10.5	11.4	9.4	2.0	8.1	11.8	12.1	12.5	12.1	78	97	96	93	91	WSW	2	WSW	3	WSW	3	2.7
24	104.3	104.0	102.9	103.7	11.7	11.9	13.1	10.4	11.8	13.6	10.4	3.2	9.3	12.2	12.0	12.3	12.2	93	88	79	97	89	SW	2	W	4	W	1	2.3
25	94.4	93.3	94.3	94.0	11.4	11.2	12.4	9.2	11.0	12.8	9.1	3.7	8.4	12.0	11.0	11.3	11.4	100	90	77	97	91	W	2	WSW	3	W	1	2.0
26	91.7	89.8	91.8	91.1	7.7	6.4	5.8	4.9	6.2	9.3	4.9	4.4	3.1	9.5	9.1	7.8	8.8	95	98	98	90	95	W	1	O	0	W	2	1.0
27	100.0	102.3	102.5	101.6	1.9	0.2	1.4	-2.5	0.2	4.9	-2.5	7.4	-5.0	5.5	5.2	4.6	5.1	74	88	78	91	83	WNW	2	NW	1	O	0	1.0
28	92.5	87.4	87.7	89.2	-3.6	-2.5	-1.2	-2.1	-2.4	-0.9	-3.9	3.0	-6.5	4.8	5.1	4.8	4.9	95	95	91	92	93	NE	1	N	1	NW	1	1.0
29	91.8	94.0	99.5	95.1	-2.3	-3.4	-2.5	-1.7	-2.5	-1.5	-4.8	3.3	-13.4	4.4	4.6	5.2	4.7	93	92	91	96	93	O	0	W	1	NW	2	1.0
30	111.7	114.0	118.7	114.8	-3.4	-3.3	-4.2	-9.6	-5.1	-1.6	-9.6	8.0	-12.0	4.2	3.8	2.4	3.5	93	88	84	82	87	NNE	2	N	2	N	2	2.0
M	104.4	104.2	104.9	104.5	1.3	0.7	3.3	1.7	1.8	4.3	-0.9	5.2	-3.5	6.2	6.4	6.4	6.3	86	89	77	86	84		1.4	1.8	1.5	1.6		

Novembre - November

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980
TMO - GMT

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation [mm]	Couche de neige Snow cover [cm]	Remarques Remarks
	6h	12h	18h	M	6h	12h	18h			
1	0	5	10	5.0	.	Cu	Sc	.	.	0 ⁰ na-7 ²²
2	10	10	9	9.7	Sc	Sc	Sc	.	.	0 ⁰ na-8
3	10	9	10	9.7	Sc	Sc, Cl	St	1.3	.	0 ⁰ 01...9 ⁵⁷ , 0 ⁰ 12 ⁴⁷ -14 ⁴⁵ , 0 ⁰ 20 ²⁰ -23 ⁴⁶ , 0 ⁰ 14 ⁴⁵ -20 ³⁰
4	10	10	10	10.0	St	Sc	St	0.0	1	0 ⁰ 16...5 ¹⁷ , 0 ⁰ 17...8 ²¹
5	10	10	10	10.0	St	St	St	.	1	
6	0	9	0	3.0	.	Sc	.	.	1	0 ⁰ na-9 ⁴⁰
7	10	9	0	6.3	As	As, As	.	.	1	0 ⁰ 16 ³⁰ -ap
8	10	10	10	10.0	Sc	Sc	St	0.0	1	
9	10	10	10	10.0	St	St	St	0.1	.	0 ⁰ 13-3 ²² , 0 ⁰ 7 ²⁴ -10 ¹³ , 0 ⁰ 10 ¹⁴ ...12 ³⁷ , 0 ⁰ 15 ²² ...22 ⁰⁹
10	10	10	8	9.3	St	Sc	Sc, Ch	0.2	.	0 ⁰ 05...2 ³¹ , 0 ⁰ 12...3 ²¹ , 0 ⁰ 01...11 ⁰² , 0 ⁰ 17 ³⁹ -18 ⁰³
11	1	5	0	2.0	Cu	Cu	.	.	.	0 ⁰ na-9 ³⁰
12	9	9	10	9.3	Cl, Cs	Cu, Cl	Cu	.	.	0 ⁰ 45...8 ²¹ , 0 ⁰ 00...9 ⁴¹ , 0 ⁰ 14 ¹³ -14 ²¹
13	10	10	10	10.0	As	Sc	Sc	0.0	.	0 ⁰ 15 ³² -10 ⁴⁵ , 0 ⁰ 14 ¹⁴ -14 ²⁰
14	10	10	10	10.0	As	Ne	Ne	0.4	.	0 ⁰ 1-26-11 ¹² , 0 ⁰ 11 ¹² -13 ³³ , 0 ⁰ 21 ⁴⁸ -21 ⁵⁷ , 0 ⁰ 22 ¹⁸ -22 ³⁰ , 12 ⁵⁰ -ap
15	10	10	10	10.0	Ne	Ne	St	8.1	.	na-8 ⁰⁰ , 0 ⁰ -11 ¹⁰ -5 ³¹ , 0 ⁰ 7 ³⁶ ...7 ⁵⁷ , 0 ⁰ 8 ⁵⁹ ...11 ⁵¹ , 0 ⁰ 18 ⁵⁷ -20 ⁰⁸
16	10	10	10	10.0	Ne	Ne	Sc	1.3	.	0 ⁰ 20 ³⁹ ...22 ⁰⁰ , 0 ⁰ -12 ⁰⁰ ...24 ⁰⁰
17	10	6	6	7.3	Sc	Cu, Cs, Cl	Sc	.	.	0 ⁰ -10 ⁰⁰ ...5 ⁴⁸ , 0 ⁰ 11 ⁴⁰ -12 ³⁵
18	2	10	9	7.0	Cl	As, Cs	As, As	.	.	
19	10	10	9	9.7	Sc	Sc, Ch	Sc	0.5	.	0 ⁰ 7 ⁵¹ ...8 ²⁷ , 0 ⁰ 8 ³⁴ ...9 ²⁷ , 0 ⁰ 11 ³³ ...12 ⁰⁹ , 0 ⁰ 13 ⁰³ ...13 ⁵⁸ , 0 ⁰ 15 ⁰⁴ -15 ¹⁰ , 0 ⁰ 16 ⁰⁴ -16 ²⁸ , 0 ⁰ 17 ³² -17 ⁴² , 0 ⁰ 18 ²⁹ -18 ³³ , 0 ⁰ 21 ⁰⁰ -22 ¹⁵ , 0 ⁰ 27...8 ³⁴ , 0 ⁰ 15 ¹⁰ -15 ¹² , 0 ⁰ 15 ¹² -15 ³⁵
20	0	1	8	3.0	.	Cu	As	.	.	0 ⁰ na-8 ³⁰ , 0 ⁰ 17 ²⁰ -ap
21	9	10	10	9.7	Cl	Cu, Cl, Cs	As	0.2	.	0 ⁰ na-8 ²⁰
22	10	8	10	9.3	Sc	As, As, Sc	Sc	1.4	.	na-8 ²⁰ , 0 ⁰ 21 ⁷ -23 ⁰⁰ , 0 ⁰ 25 ¹ ...3 ³⁸ , 0 ⁰ 15 ²¹ ...16 ⁵⁴
23	10	10	10	10.0	Ne	Ne	St	1.9	.	na-17 ³⁰ , 0 ⁰ -10 ¹⁴ -8 ³³ , 0 ⁰ -17 ²⁸ -11 ⁵⁹ , 0 ⁰ -11 ³⁸ ...14 ³⁰ , 0 ⁰ 20 ¹² -22 ⁵³ , 0 ⁰ 15 ¹⁹ -17 ⁰²
24	10	9	10	9.7	Ne	As, Cu	Sc	1.7	.	0 ⁰ 51-2 ¹⁸ , 0 ⁰ 15 ⁰⁰ -15 ²⁸ , 0 ⁰ 16 ¹³ -21 ⁴³ , 0 ⁰ 22 ⁴⁰ ...24 ⁰⁰
25	10	10	10	10.0	Sc	Sc	Ne	5.0	.	0 ⁰ 00...1 ⁴⁴ , 0 ⁰ 13 ⁰¹ ...18 ²² , 0 ⁰ 22 ¹⁶ -23 ⁰⁰ , 0 ⁰ -12 ⁰⁰ -24 ⁰⁰
26	10	10	9	9.7	Ne	Ne	Sc	3.8	.	0 ⁰ -10 ⁰⁰ -14 ¹⁸ , 0 ⁰ 50-12 ²⁰ , 0 ⁰ 12 ²⁰ -15 ¹⁰
27	10	9	0	6.3	Cu, Cl, Cu	Cl, Cs, Cu	.	1.4	.	17-ap
28	10	10	10	10.0	Ne	Ne	As	2.9	1	0 ⁰ 00-4 ¹⁵ , 0 ⁰ -14 ³⁵ -10 ²⁷ , 0 ⁰ 12 ⁰³ ...16 ²⁶ , 0 ⁰ 20 ²⁹ ...22 ¹⁴ , 0 ⁰ 23 ¹⁶ ...24 ⁰⁸
29	3	10	10	7.7	As, Cl	St	Ne	3.6	4	na-9 ¹ , 0 ⁰ -15 ⁰⁸ -23 ⁰⁰ , 0 ⁰ 23 ⁰⁰ ...34 ⁰⁰ , 0 ⁰ 35...12 ³¹
30	10	10	9	9.7	na	Sc	Cu, Cl	0.1	8	0 ⁰ 00...3 ²⁸ , 0 ⁰ 41-9 ³⁷ , 0 ⁰ 11 ³³ ...14 ²⁸ , 0 ⁰ 15 ¹¹ ...16 ³³
M	8.1	9.0	8.2	8.4				13.9*		*Le total mens - Monthly mean

Décembre - December

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1920
TMO - GMT

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature										Tension de la vapeur Vapour pressure				Humidité relative Relative humidity				Vent-direction et vitesse Wind velocity and direction							
	900 + ... [hPa]				[°C]										[hPa]				[%]				[m/s]							
	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Avr.	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	121.9	121.8	119.6	121.1	-12.4	-14.0	-8.6	-15.4	-12.6	-7.4	-15.4	7.0	-22.7	1.7	1.0	1.6	1.7	79	83	56	86	76	N	1	N	1	C	0	0.7	
2	109.5	101.7	95.1	102.1	-17.2	-19.4	-8.8	-12.9	-14.0	-8.8	-19.4	10.6	-23.5	1.2	2.0	2.0	1.7	90	89	65	88	83	SE	1	SE	1	SE	1	1.0	
3	85.4	84.7	85.2	85.1	-12.0	-7.8	-3.3	-3.1	-6.6	-2.9	-14.3	11.4	-23.7	2.8	4.0	3.8	3.5	83	81	83	79	82	S	1	SW	2	S	3	2.0	
4	85.6	87.0	88.0	86.9	-3.5	-4.1	-3.4	-9.6	-5.2	-2.6	-9.6	7.0	-20.8	3.4	3.1	2.4	3.0	87	75	65	82	77	SE	2	W	1	C	0	1.0	
5	88.2	87.8	86.6	87.5	-13.4	-15.0	-8.0	-11.7	-12.0	-8.0	-14.9	6.9	-24.8	1.7	2.9	2.3	2.3	90	91	87	93	90	W	1	W	1	S	1	1.0	
6	81.9	80.4	81.7	81.3	-12.4	-13.4	-8.7	-10.5	-11.2	-8.5	-13.9	5.4	-22.4	2.8	2.6	2.6	2.3	89	84	83	94	88	E	1	E	2	E	1	1.3	
7	94.3	97.8	101.9	90.0	-14.7	-13.7	-9.4	-9.3	-11.8	-9.0	-16.2	7.2	-23.4	1.9	2.7	2.9	2.5	92	92	91	95	92	W	1	W	1	W	1	1.0	
8	109.2	113.3	116.0	112.8	-8.2	-7.6	-4.2	-8.2	-7.0	-4.0	-9.9	5.9	-18.4	3.2	3.8	3.0	3.3	94	93	84	92	91	WSW	1	W	1	W	1	1.0	
9	115.1	114.6	111.8	113.8	-6.0	-3.7	-1.7	-0.8	-3.0	-0.5	-8.9	8.4	-17.1	4.2	4.7	4.7	4.5	92	90	88	81	88	W	1	WSW	2	W	2	1.7	
10	109.0	107.0	107.6	107.9	0.3	0.5	0.3	-0.5	0.2	1.1	-1.4	2.5	-2.3	6.2	5.9	5.6	5.9	97	98	94	96	96	W	3	W	2	W	1	2.0	
11	103.1	101.1	96.0	100.1	0.4	0.9	2.1	3.1	1.6	3.2	-0.9	4.1	-1.6	6.4	7.0	7.5	7.0	78	98	98	98	93	SW	1	W	2	SW	2	1.7	
12	98.5	101.7	106.6	102.3	4.4	4.4	4.6	4.4	4.4	5.1	2.5	2.6	0.1	7.7	7.9	7.8	7.8	94	92	93	93	93	W	4	W	3	W	2	3.0	
13	103.2	104.9	101.3	104.8	3.7	3.7	5.2	2.4	3.8	5.5	2.1	3.4	-1.1	7.3	7.3	6.5	7.0	94	92	83	89	90	SSW	1	SSW	2	S	2	1.7	
14	94.7	96.2	98.8	96.6	4.2	4.9	7.8	6.2	5.8	8.1	2.4	5.7	1.1	8.5	7.9	8.3	8.2	75	98	75	88	84	SW	2	WSW	4	WSW	1	2.3	
15	91.4	89.4	93.1	91.3	3.9	6.4	8.2	7.2	6.4	8.8	3.3	5.5	-1.7	8.9	10.7	8.7	9.4	95	92	99	86	93	SW	2	SW	3	SW	1	2.0	
16	97.8	101.7	106.0	101.8	5.6	4.5	5.8	4.7	5.2	7.2	4.3	2.9	1.4	7.5	7.8	6.8	7.4	96	89	85	79	87	SW	1	WSW	1	WSW	2	1.3	
17	116.1	118.7	118.9	117.9	0.6	-0.9	0.0	-6.0	-1.6	4.7	-6.0	10.7	-10.0	4.2	3.8	3.7	3.9	84	73	62	94	78	W	1	W	1	C	0	0.7	
18	109.3	103.7	101.7	104.9	-6.6	-5.3	0.0	-2.2	-3.5	0.2	-6.8	7.0	-11.2	3.9	4.6	4.4	4.3	99	95	75	85	88	SE	1	SE	2	SE	1	1.3	
19	99.3	99.9	99.3	99.5	-1.5	-2.3	0.9	-0.2	-0.8	1.1	-2.8	4.0	-5.5	5.2	5.8	5.6	5.5	86	100	88	94	92	WSW	1	SSE	1	SE	1	1.0	
20	89.5	86.2	85.0	86.9	-0.2	0.7	3.7	0.7	1.2	3.9	-0.9	4.8	-2.6	6.2	6.8	6.4	6.5	98	96	85	100	95	SSE	1	SE	1	SE	1	1.0	
21	85.1	87.0	89.7	87.3	2.2	2.2	3.9	2.6	2.7	3.9	0.5	3.4	-3.1	6.9	7.8	7.4	7.4	97	96	97	100	98	SE	1	S	1	S	1	1.0	
22	97.5	102.3	105.2	101.7	2.2	1.9	2.2	1.5	2.0	2.7	1.2	1.5	-1.1	7.0	6.9	6.8	6.9	100	100	96	100	99	SW	1	W	1	W	2	1.3	
23	106.0	103.3	101.0	103.4	1.4	0.1	2.4	3.8	1.9	3.9	-0.3	4.2	-2.1	5.4	6.2	7.1	6.2	99	88	86	88	90	SSW	1	SW	1	SW	1	1.0	
24	102.2	106.4	105.5	104.7	7.6	5.8	5.4	4.4	5.8	8.7	3.8	4.9	1.0	6.2	6.6	6.9	6.6	90	67	74	82	78	SW	6	W	4	SW	2	4.0	
25	103.8	103.0	101.3	102.7	7.8	8.5	8.8	7.8	8.2	9.0	4.4	4.6	3.3	8.8	8.9	8.5	8.7	89	80	78	80	82	SSW	2	SSW	2	SSW	1	1.7	
26	100.2	101.4	102.8	101.5	7.2	5.3	4.7	2.5	4.9	8.1	2.1	6.0	-0.1	8.8	6.6	6.3	7.2	94	98	78	86	89	W	2	W	2	W	2	2.0	
27	103.7	105.2	110.1	106.3	-1.9	-3.1	1.3	0.1	-0.9	2.7	-3.4	6.1	-5.8	4.7	6.3	6.0	5.7	98	97	94	98	97	N	1	NE	1	NE	1	1.0	
28	118.0	119.9	119.4	119.1	-2.2	-2.1	-1.7	-1.5	-1.9	0.1	-2.6	2.7	-5.4	5.1	5.2	5.2	5.2	97	98	96	94	96	W	1	W	1	WSW	1	1.0	
29	117.8	118.5	117.6	118.0	0.2	0.5	1.7	1.9	1.1	2.0	-1.5	3.5	-4.1	6.0	6.5	6.9	6.5	80	94	94	98	92	W	1	W	1	W	2	1.3	
30	113.9	113.3	114.8	114.0	3.2	4.2	5.5	6.1	4.8	6.2	1.7	4.5	0.9	7.7	8.5	8.7	8.3	89	93	94	92	92	W	2	W	3	W	2	2.3	
31	109.4	105.2	100.4	105.0	5.7	5.4	5.0	5.0	5.3	6.6	4.6	2.0	3.9	7.0	7.1	6.5	6.9	96	78	81	75	82	SW	2	SW	3	SW	2	2.3	
M	102.1	102.1	102.2	102.1	-1.7	-1.7	0.7	-0.9	-0.9	1.6	-3.8	5.4	-7.8	5.4	5.8	5.6	5.6	91	90	84	90	89		1.5	1.7	1.3	1.5			

Decembre - December

LES ÉLÉMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1980
TMO - GMT

Date	Nébulosité Cloudiness [0-10]				La forme des nuages Type of clouds			Précipitation Precipitation [mm]	Cours de neige Snow cover [cm]	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	0	0	0	0,0	.	.	.	.	6	— ¹ n-10
2	1	0	0	0,3	Cu	.	.	.	6	* ₀₇ ²⁸ - ₀₈ ⁴⁶ , * ₂₁ ¹⁹ ... ₂₃ ³³ ; Δ ₁₂ ⁴⁰ - ₁₅ ⁴⁸
3	10	10	10	10,0	Ns	St	St	0,6	6	* ₀₁ ¹² - ₁₂ ¹⁴
4	10	0	0	3,3	Ns	✓	✓	0,2	7	— ¹ n-np; Δ ₀₉ ³⁸ - ₁₁ ³⁰
5	2	3	0	1,7	Cl	Cs	.	.	8	— ¹ n-np; Δ ₀₈ ⁵⁰ - ₁₄ ¹⁴
6	9	10	10	9,7	Cl, Ac	Cs	As	0,1	8	— ¹ na-6; * ₁₅ ⁵² - ₂₈ ²⁸ , * ₀₃ ²⁸ - ₀₅ ⁴⁴ , * ₀₄ ⁰⁸ ... ₁₀ ³² ; Δ ₁₉ ³¹ ... ₂₄ ⁰⁰
7	10	10	10	10,0	As	Cs, Cl	As	0,4	8	Δ ₀₀ ⁰⁰ ... ₁₁ ¹⁷ ; * ₁₁ ²⁷ - ₁₁ ⁴² , * ₁₂ ¹² - ₁₂ ³³ , * ₂₂ ³⁸ - ₂₂ ⁴⁸ , * ₂₃ ⁰¹ - ₂₄ ⁰⁰
8	10	7	0	5,7	St	Ac	.	0,5	9	* ₀₀ ⁰⁰ - ₂₉ ²⁹ , * ₀₃ ³⁷ - ₀₅ ⁵⁹ , * ₀₇ ⁴⁰ - ₁₀ ⁰¹ , * ₁₉ ¹⁷ - ₂₄ ⁰⁰ ; Δ ₀₇ ²³ - ₁₄ ²⁸ , Δ ₁₇ ³⁹ - ₁₈ ³⁰
9	10	10	10	10,0	Ns	Ns	St	3,8	10	* ₀₁ ⁰⁰ - ₁₂ ⁵⁷ , * ₁₃ ⁵² - ₂₃ ³²
10	10	10	10	10,0	Ns	Ns	Ns	4,8	14	— ¹ n-10
11	10	10	10	10,0	Ns	Ns	Ns	10,0	15	* ₀₁ ³⁸ - ₁₂ ²⁷ , * ₁₂ ²⁷ - ₂₁ ³¹ , * ₂₂ ⁰⁴ - ₂₃ ⁰⁰ , * ₀₁ ²³ ⁰⁰ - ₂₄ ⁰⁰
12	10	10	10	10,0	Ns	Ns	Sc	1,4	.	* ₀₁ ⁰⁰ - ₁₅ ⁴⁰ , * ₁₈ ⁴⁷ - ₁₈ ⁵⁰ , * ₂₃ ¹² ... ₂₃ ³⁴
13	10	10	10	10,0	Sc	As	Ac, As	4,9	.	* ₀₉ ⁰⁹ - ₁₆ ¹⁶ , * ₁₀ ⁰² - ₁₀ ⁰⁵ , * ₁₀ ¹³ - ₁₀ ¹⁹ , * ₁₀ ²⁴ - ₁₀ ³⁴
14	10	10	10	10,0	Ns	Ns	Sc	0,2	✓	* ₀₁ ⁵⁷ ... ₀₈ ⁰⁸ , * ₀₉ ²¹ - ₀₉ ³⁹
15	10	10	10	10,0	Ns	Ns	Sc, As	1,6	.	* ₀₁ ⁰¹ - ₁₂ ²⁸ , * ₁₈ ⁴⁴ ... ₁₁ ³² , * ₁₁ ³² - ₁₂ ¹³ , * ₁₂ ¹³ - ₁₂ ⁴⁸ , * ₁₂ ⁵⁴ - ₁₄ ³⁷
16	6	10	8	8,0	Sc, As	Sc	Sc	0,2	.	* ₀₂ ²¹ ... ₀₉ ⁰⁹ , * ₀₄ ⁴⁸ - ₀₅ ⁵¹ , * ₀₆ ³⁹ - ₀₇ ⁴² , * ₀₉ ²⁸ - ₀₉ ⁴² , * ₁₀ ¹⁹ ... ₁₁ ⁵⁴ , * ₁₇ ¹⁵ ... ₁₇ ³⁸ , * ₁₉ ⁵⁸ - ₂₀ ⁰³
17	3	2	0	1,7	Cu	Cu	.	0,0	.	Δ ₀₃ ⁵⁴ ... ₀₈ ⁰⁸ ; * ₀₈ ⁵⁵ - ₀₉ ²⁹ ; — ¹ n-15 ⁵⁰ -np; = ₁₅ ¹⁰ - ₁₆ ⁴⁰ ; Δ ₁₆ ⁴⁰ -np
18	0	0	0	0,0	✓	✓	.	0,1	.	— ¹ n-np
19	10	10	10	10,0	St	Sc, As	As	0,1	.	* ₀₁ ¹⁵ - ₀₄ ⁴⁵ ; = ₁₂ ³⁰ -np; — ¹ n-17 ²⁰ -np
20	10	7	2	6,3	St	Ac, Cu	Cl	0,2	.	* ₀₃ ²⁷ - ₀₄ ³⁰ ; * ₀₃ ²⁷ - ₀₄ ²⁸ ; * ₀₅ ²¹ ... ₀₉ ³⁷ ; — ¹ n-17 ²⁰ -np; = ₁₇ ³⁰ - ₂₄ ¹¹ ; * ₂₃ ⁰² - ₂₃ ¹¹
21	10	10	10	10,0	St	St	St	1,4	.	= ₁₄ ¹⁸ - ₁₆ ¹⁶ ; = ₁₆ ¹⁶ -np; * ₀₀ ²⁶ - ₂₀ ³⁰ , * ₀₃ ²⁶ - ₀₄ ¹⁰ , * ₀₅ ⁰⁹ ... ₀₇ ⁰⁴ , * ₀₇ ⁵² - ₁₈ ²⁸
22	10	10	10	10,0	St	St	St	✓	.	= ₁₁ ¹⁴ - ₁₆ ¹⁶ ; = ₁₆ ¹⁶ -np; * ₀₀ ²⁶ - ₂₀ ³⁰ , * ₀₃ ²⁶ - ₀₄ ¹⁰ , * ₀₅ ⁰⁹ ... ₀₇ ⁰⁴
23	3	10	10	7,7	Ac	St	St	0,0	.	= ₁₁ ¹⁴ - ₁₆ ¹⁶ ; = ₁₆ ¹⁶ -np; * ₀₀ ²⁶ - ₂₀ ³⁰ , * ₀₃ ²⁶ - ₀₄ ¹⁰ , * ₀₅ ⁰⁹ ... ₀₇ ⁰⁴
24	10	5	10	8,3	Sc	Ac, Cu	As	0,2	.	* ₀₀ ⁰⁰ - ₀₀ ⁰⁰ , * ₁₄ ⁴⁸ - ₁₄ ⁵⁰ , * ₁₆ ³⁰ - ₁₆ ⁴⁰ ; * ₂₁ ³¹ - ₂₃ ⁴¹
25	10	10	10	10,0	Sc	Sc	Sc	0,3	.	* ₁₈ ⁴⁵ - ₁₉ ⁰⁸ , * ₁₉ ⁴² ... ₂₂ ³⁴
26	10	10	9	9,7	As	Sc	Sc	.	.	* ₀₅ ⁵⁸ - ₁₀ ¹⁶ , * ₂₀ ²⁷ - ₂₁ ³⁸ , * ₂₂ ³⁹ - ₂₃ ⁰⁰ , * ₂₃ ⁰⁰ ... ₂₄ ⁰⁰
27	1	10	2	4,3	Cl	Cs	Cl	.	.	* ₀₀ ⁰⁰ ... ₁₇ ¹⁷
28	10	10	9	9,7	As	As	As	0,1	.	— ¹ n-10, — ¹ n-np; = ₁₇ ²⁰ -np; = ₁₇ ³⁰ - ₂₄ ¹¹ ; * ₂₃ ⁰² - ₂₃ ¹¹
29	10	10	10	10,0	Ns	St	St	0,0	.	— ¹ n-np; = ₁₇ ²⁰ -np; = ₁₇ ³⁰ - ₂₄ ¹¹ ; * ₂₃ ⁰² - ₂₃ ¹¹
30	10	10	10	10,0	St	Ns	St	0,2	.	* ₀₁ ⁴² - ₁₅ ¹¹ , * ₀₂ ³⁶ - ₂₄ ⁴⁰ , * ₀₃ ⁰⁹ ... ₀₈ ⁴⁶ , * ₂₀ ⁰⁶ - ₂₀ ¹⁵ , * ₂₃ ¹² - ₂₄ ⁰⁰
31	10	10	10	10,0	St	St	St	2,9	.	* ₀₇ ⁰⁷ - ₁₃ ¹³ , * ₀₈ ⁵³ - ₀₈ ⁴⁶ , * ₁₃ ³¹ ... ₁₆ ⁵⁵ , * ₁₆ ¹⁴ - ₁₆ ¹⁵ , * ₂₁ ⁴⁰ ... ₂₃ ⁰³ , * ₂₃ ¹⁵ - ₂₄ ⁰⁰ ; * ₀₃ ³⁰ - ₁₂ ²⁶
M	7,6	7,6	7,6	7,6				34,4*		*Le total mens - Monthly mean

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