

P O L S K A A K A D E M I A N A U K
I N S T Y T U T G E O F I Z Y K I

M A T E R I A Ł Y I P R A C E

77

P U B L I C A T I O N S O F T H E I N S T I T U T E O F G E O P H Y S I C S P O L I S H A C A D E M Y O F S C I E N C E S

ÉLECTRICITÉ ATMOSPHERIQUE ET MÉTÉOROLOGIE
OBSERVATOIRE GÉOPHYSIQUE
DE ST. KALINOWSKI À ŚWIDER
1972

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ÉLECTRICITÉ ATMOSPHÉRIQUE ET MÉTÉOROLOGIE
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ERRATA

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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 1957–1971 ont été publiés dans les numéros 16, 19, 20, 22, 25, 29, 33, 34, 38 des *Travaux de l'Observatoire Géophysique Stanisław Kalinowski de l'Académie Polonaise des Sciences à Świder* ainsi que dans les numéros 23, 28, 38, 44, 53, 63 des *Matériaux et Travaux de l'Institut de Géophysique de l'Académie Polonaise des Sciences à Varsovie*.

Świder est situé dans la partie centrale de la plaine de Masovie qui constitue une vaste cuvette plate, formée par les dépôts morainiques. Sous ces dépôts, à une profondeur de plusieurs centaines de mètres on trouve d'autres formations du quaternaire et du tertiaire: limons striés et sables de l'oligocène. Świder est situé au SE de Varsovie, à une distance de 25 km environ de cette ville et se trouve sur les terrains de la station climatique d'Otwock. Le sol de cette localité et de ses environs est sablonneux. La végétation comprend surtout des pins; une partie des terres est mise en culture. Les localités avoisinantes constituent une espèce de parc naturel dans lequel sont dispersées des villas. Aux alentours de Świder la population est assez dense, cependant on n'y rencontre pas d'entreprises industrielles plus importantes.

A une distance de 0,6 km de l'Observatoire coule une petite rivière, le Świder. La Vistule se trouve à une distance de 2,5 km. La distance entre l'Observatoire et la ville d'arrondissement d'Otwock, sise au SSE est de 2,5 km. 2 km séparent l'Observatoire d'une ligne de traction électrique (3 kV) du côté ENE. Aproximité de cette ligne passe une ligne HT (10 kV). La Station de l'Électricité Atmosphérique et de la Météorologie, entourée d'une clôture, a été aménagée sur le terrain de l'Observatoire Géophysique de l'Académie Polonaise des Sciences à Świder couvrant une superficie de 10 ha. C'est sur ce terrain que se trouvent dispersés les quatre bâtiments affectés aux bureaux et aux logements du personnel de l'Observatoire ainsi que les trois pavillons – postes d'observation. Toute cette superficie est couverte d'arbres, pour la plupart de pins, et comporte plusieurs clairières assez vastes. Sur l'une d'elles (environ 1 ha) a été érigée la Station de l'Électricité Atmosphérique et de la Météorologie (fig. 1). Au SSW des stations de mesure et à 60 m de celles-ci passe la ruelle la plus proche à trafic local très faible. Deux autres rues asphaltées dont l'une située au SE (130 m) et l'autre au NW (170 m) se caractérisent également par un faible trafic automobile.

L'enregistrement de l'intensité du champ électrique est assuré par deux ensembles d'appareils fonctionnant simultanément et indépendamment l'un de l'autre. A partir du 29 mai 1971 les deux ensembles furent identiques. L'un fut implanté au milieu de la clairière et l'autre sur le rebord de celle-ci, juste à côté du bâtiment de la station. La sonde radioactive du premier se trouve à une hauteur de 200 cm au-dessus de la surface du sol et celle du second – à une hauteur de 260 cm. Chaque ensemble comprend une sonde radioactive, un électromètre vibratoire et un



Fig. 1. Vue générale de la station d'électricité atmosphérique et de la météorologie.

General view of the atmospheric electricity and meteorological station.

miliampéromètre enregistreur (fig. 2). La sonde, recouverte de ionium d'une activité de $30 \mu\text{C}$ et d'une période de demi-vie égale à 90 000 ans, est fixée sur une tige métallique et branchée directement sur l'entrée de l'électromètre. Ce dernier, fixé sur un tube métallique, est enfermé dans une cage de fer-blanc qui le protège contre les agents atmosphériques. Le signal de l'électromètre traduisant la valeur de la mesure est transmis par un câble souterrain au miliampéromètre enregistreur, localisé dans le bâtiment de la station. Les électromètres construits à l'Observatoire se caractérisent par une bonne stabilité de l'amplification, une résistance d'entrée dépassant 10^{14} Ohm, une constante de temps égale à 16 s et un étalonnage à plusieurs gammes de mesures: de -3000 V à $+3000 \text{ V}$. L'application de ces deux ensembles a permis de limiter très sensiblement l'influence du vent sur la mesure de l'intensité du champ électrique, ce qui a une importance primordiale pour l'accroissement du degré d'exactitude de l'enregistrement des appareils dont le fonctionnement est basé sur la méthode de sonde. En vue d'éliminer des mesures les perturbations constantes causées par les arbres, le bâtiment et d'autres objets se trouvant à proximité des sondes, sur le terrain plat attenant à la station on a procédé à des mesures systématiques de l'intensité du champ électrique. Pour le poste situé au milieu de la clairière, le coefficient de réduction du champ électrique s'élevait à 1,6.

Les valeurs de la conductibilité de l'air sont été obtenues à partir des résultats de l'enregistrement continu à l'aide d'un ensemble composé d'un condensateur à aspiration Gerdien, d'un électromètre amplificateur et d'un miliampéromètre enregistreur (fig. 3). Le condensateur est installé dans une cabine en maçonnerie séparée, située sur la clairière à côté du bâtiment du bureau. L'extrémité du tube par lequel s'effectue l'aspiration de l'air sort à l'extérieur de la

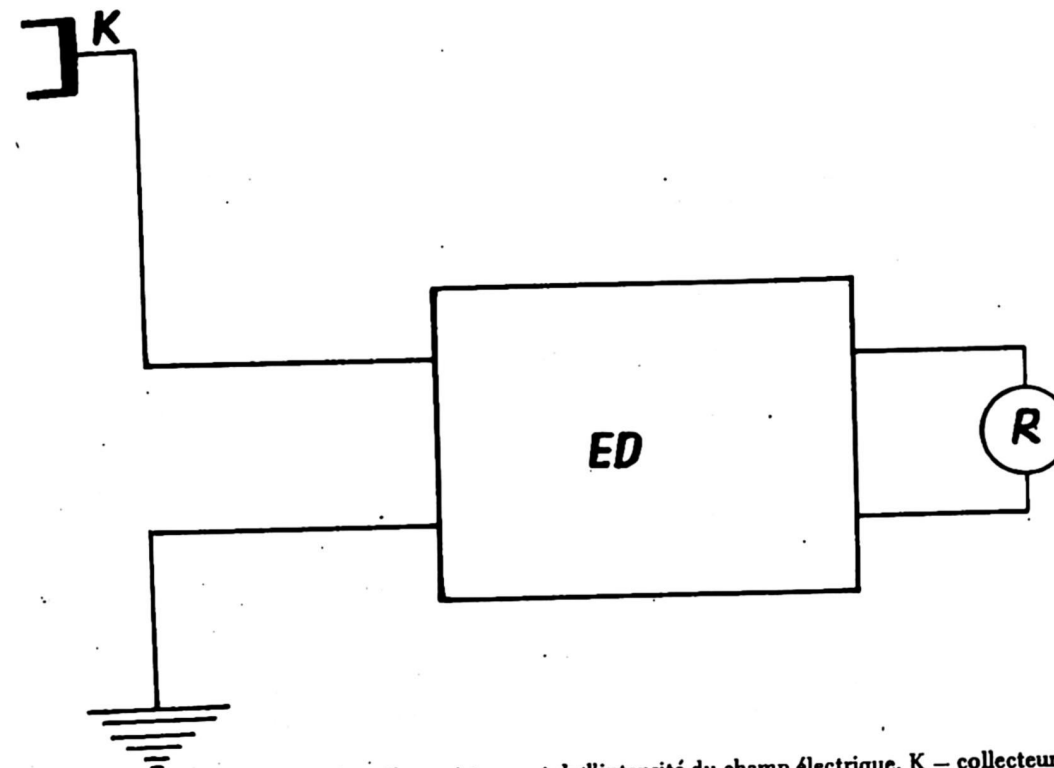


Fig. 2. Schéma — bloc du système d'enregistrement de l'intensité du champ électrique. K — collecteur radio-actif, ED — électromètre vibratoire, R — miliampéromètre enregistreur.

Block diagram of the set recording the electric field strength. K — radioactive collector, ED — vibron electrometer, R — recording milliamperometer.

cabine à une hauteur de 100 cm au-dessus de la surface du sol. L'électromètre amplificateur et le miliampéromètre enregistreur sont installés dans une des pièces du bâtiment du bureau; il est connecté au condensateur par câble concentrique souterrain. La mobilité limite du condensateur Gerdien s'élève à $2,6 \text{ cm}^2/\text{V s}$. La puissance du courant électrique circulant à l'intérieur du condensateur pendant la mesure est proportionnelle à la valeur de la conductibilité de l'air. Cette grandeur a été déterminée indirectement, en faisant enregistrer par l'électromètre et l'enregistreur la valeur de la chute de tension sur la résistance de 10^{11} Ohm, cette dernière étant branchée en série avec le condensateur à aspiration et la batterie de piles. La constante de temps de l'ensemble s'élève à 4 minutes.

La densité des noyaux de condensation dans l'air a été mesurée à l'aide du petit compteur Scholz. Des échantillons d'air sont prélevés sur la clairière, à proximité des abris météorologiques, à une hauteur de 100 cm au-dessus de la surface du sol. Les mesures sont exécutées trois fois toutes les 24 heures, aux intervalles de temps suivants: I. $6^{10} - 6^{30}$, II. $11^{00} - 11^{30}$, III. $18^{10} - 18^{30}$ TMGr.

Les observations météorologiques ont été effectuées partiellement sur la clairière et dans le bâtiment du bureau. Dans la partie méridionale de la clairière dans deux abris météorologiques situés à une hauteur de 2 mètres se trouve le psychromètre Auguste, deux thermomètres pour les mesures des maxima et des minima ainsi que deux ensembles de thermographes et d'hygrographes. A la surface du sol est implanté le thermomètre minimum. A proximité se trouvent également le pluviomètre Hellmann et le pluviographe. Dans le bâtiment du bureau sont installés le baromètre de station et l'anémographe Fuess. Les palpeurs de l'anémographe reposent sur une tige métallique à une hauteur de 16,9 m au-dessus de la surface du sol. Sur le toit plat du

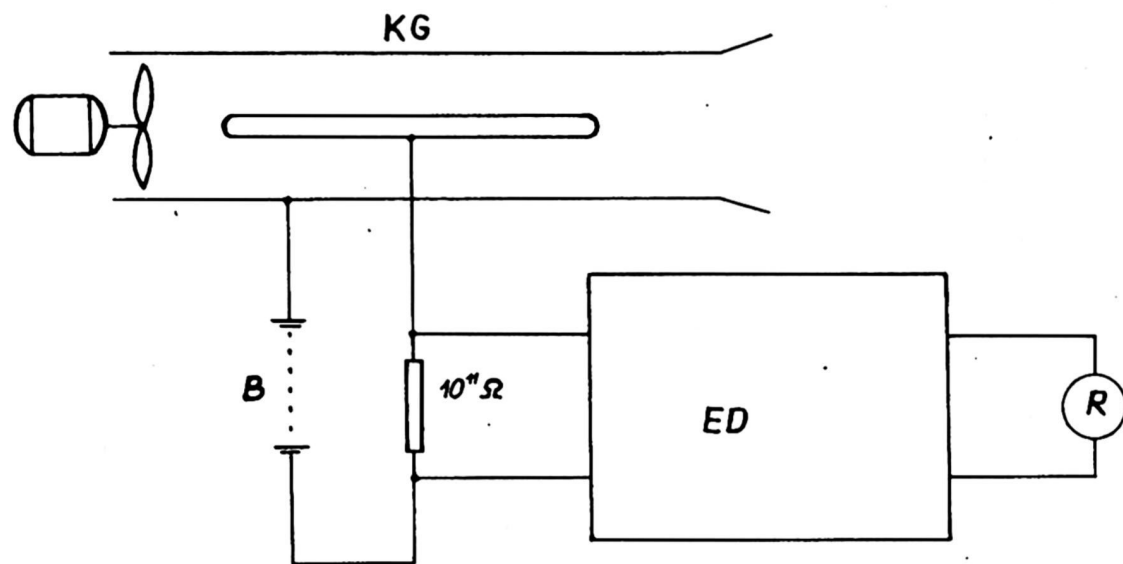


Fig. 3. Schéma — bloc du système d'enregistrement électrique de la conductibilité de l'air. KG — condensateur Gerdien, B — batterie d'éléments électriques, ED — électromètre vibratoire, R — milliampéromètre enregistreur.
Block diagram of the set recording the electric conductivity of the air, KG — Gerdien condenser, B — battery of electric cells, ED — vibron electrometer, R — recording miliamprometer.

bâtiment du bureau est également installé un héliographe du type Campbell-Stokes. C'est de ce toit que sont effectuées certaines observations sur des phénomènes météorologiques. Conformément à une disposition de l'Institut National d'Hydrologie et de Météorologie, actuellement en vigueur, à partir du 1^{er} janvier 1971 l'horaire établi pour les observations diurnes a été modifié: ainsi, les 7^h, 13^h et 21^h du temps local ont fait place à 6^h, 12^h et 18^h TMGr. En outre, le nombre de mesures de la température et de l'humidité relative de l'air a été augmenté d'une lecture à l'heure 0 TMGr. Les valeurs correspondant à cette heure sont obtenues à partir des données enregistrées par le thermographe et l'hygrographe.

L'ensemble des données sur les éléments de l'électricité atmosphérique et de la météorologie pour l'année 1972 est présenté sous forme de tableaux mensuels englobant les valeurs de l'intensité du champ électrique, de la conductibilité de l'air à polarité positive, le nombre de noyaux de condensation atmosphérique et les principaux facteurs météorologiques.

Les tableaux mensuels de l'intensité du champ électrique fournissent les valeurs moyennes horaires (d'après TMGr) de cet élément pour les différents jours, les moyennes diurnes, les moyennes mensuelles, les maxima et minima diurnes et les amplitudes ainsi que le temps caractéristique pour le jour donné. Les nombres précédés du signe > ou < signifient que la valeur réelle avait été supérieure ou inférieure à la valeur indiquée, mais ne pouvait être déterminée en toute précision, la courbe ayant dépassé le cercle dans la direction des valeurs positives ou négatives. Le symbole † est utilisé dans les cas, où la valeur du champ électrique pour le secteur horaire donné avait dépassé partiellement le cercle des valeurs tant positives que négatives. Les données peu sûres ont été placées entre parenthèses; par contre, celles se rapportant à une période de moins d'une heure (mais pas inférieure à 40 min) ont été enfermées dans des crochets. Les moyennes horaires recueillies lors d'une précipitation atmosphérique ou en temps

de brume, de brouillard, d'orage local ou lointain, de nébulosité à l'étage inférieur (les 3/10 du ciel étant couverts), et lors de l'enregistrement de valeurs du champ électrique négatives ou dépassant 1000 V/m, ont été soulignées d'un trait continu. Sous la rubrique „A“ on a groupées les moyennes pour les ainsi dénommés jours normaux, c'est à dire, calculées sur la base des données non soulignées par un trait continu et non enfermées entre parenthèses. Ce sont donc des données obtenues en périodes de calme. Par contre, la rubrique „N“ comprend les moyennes calculées à partir de toutes les données. Depuis 1971 nous avons renoncé à fournir les moyennes „M“ pour les jours calmes, calculées suivant l'ancien critère du choix des données, antérieur à l'année 1965. Les moyennes actuelles indiquées par les lettres „A“ et „N“ correspondent aux données ayant les mêmes symboles que ceux utilisés autrefois. Le caractère du temps de chaque jour a été présenté sous une rubrique comprenant les lettres-symboles suivants: b — ciel seréin, c — nébulosité modérée, o — nébulosité considérable, r — pluie, p — précipitation passagère, s — neige, h — grêle, t — orage local, l — orage lointain, f — brume, m — brouillard, z — nuage de poussière, hf — givre.

Les tableaux mensuels de la conductibilité de l'air à polarité positive comprennent les moyennes horaires de cet élément (d'après TMGr), les moyennes diurnes, les moyennes mensuelles, les maxima, minima et amplitudes diurnes ainsi que la caractéristique du temps pour le jour donné. Pour le dépouillement des matériaux et le calcul des moyennes il a été procédé la même façon que pour l'intensité du champ électrique. Sous la rubrique „A“ figurent les moyennes des jours normaux et sous celle de „N“ — les moyennes pour toutes les périodes.

Les tableaux indiquant le nombre de noyaux de condensation par 1 cm³ d'air contiennent les moyennes de cet élément obtenues à partir de trois mesures, effectuées à des heures différentes de la journée, les moyennes diurnes et les moyennes mensuelles, d'après TMGr.

Les tableaux des éléments météorologiques englobent les résultats des mesures particulières prises à des heures différentes de la journée, des mesures des moyennes diurnes et mensuelles, de la pression atmosphérique, de la température de l'air, de la tension de la vapeur d'eau, de l'humidité relative de l'air, de la direction et de la vitesse du vent, du degré et du type de nébulosité, de la somme des précipitations atmosphériques, de l'épaisseur de la couche de neige et d'autres phénomènes météorologiques. Les valeurs moyennes diurnes et mensuelles de la température et de l'humidité relative de l'air ont été calculées sur la base des données obtenues à partir de 4 mesures distinctes, prises en 24 h (0^h, 6^h, 12^h et 18^h TMGr), cependant, les moyennes des autres éléments météorologiques ont été établies à partir de 3 mesures effectuées en 24 h (6^h, 12^h et 18^h TMGr). Sous la rubrique „Remarques“ on trouvera les données sur certains phénomènes météorologiques d'après le temps TMGr.

En 1972, les mesures de l'électricité atmosphériques et des éléments météorologiques ont été réalisées par: S. Warzecha, W. Kozłowski, K. Kasperski, B. Kupień et K. Kostrzewa. 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 de l'Observatoire Géophysique Stanisław Kalinowski a Świder, Z. Kalinowska, et le Chef du Laboratoire de l'Électricité Atmosphérique de l'Institut de Géophysique à Varsovie, S. Michnowski, ont assuré la coordination de l'ensemble des travaux.

Świder, le 15 Novembre 1973

Stanisław Warzecha

The present issue contains the results of recordings of some elements of atmospheric electricity and daily observations of major meteorological factors, noted at the S. Kalinowski Geophysical Observatory of the Polish Academy of Sciences at Świder. Data for the years 1957–1971 have been published in *Prace Obserwatorium Geofizycznego im. St. Kalinowskiego w Świdrze* Nos. 16, 19, 20, 22, 25, 29, 33, 34, 38 and in *Materiały i Prace Zakładu Geofizyki PAN*, Nos. 23, 28, 38, 44, 53 and 63, respectively.

Świder is located in the central part of Nizina Mazowiecka, which constitutes a flat bowl formed of glacial sediments. Underneath these sediments, usually at depths of a few hundred meters, lie another Tertiary and Quaternary formations: variegated clays and Oligocene sand. Świder is located approximately 25 km SE of Warsaw, in the Otwock resort area. The small town and its environs lie on a sandy subsoil. The region is mainly overgrown with pine trees and gramineous plants; in some areas the soil is cultivated. Villa-type housing prevails at Świder and the adjacent villages. There is no major industry in the area, and the density of population is rather high.

Two rivers flow in the vicinity of the Observatory: the small river Świder at a distance of 0,6 km and the Vistula at a distance of 2,5 km. District town Otwock lies about 2,5 km SSE of the Observatory. An electrified railroad line (3 kV) runs at a distance of about 2 km ENE of the Observatory. An electric power line, with a voltage of 10 kV, is situated very close to the railroad line. The Atmospheric Electricity and Meteorological Station is located, on a bounded, 10-ha premises of the Geophysical Observatory at Świder. Four office and dwelling buildings and three observatory pavilions are dispersed within this bounded area. The terrain of the Observatory is mostly wooded, with some larger clearings. One of these, with an area of 1 ha, is the site of the Atmospheric Electricity and Meteorological Station (see Fig. 1). The closest street, which is very short and has almost no traffic, is approximately 60 m away from the measuring equipment (to SSW). Also the next two streets, which are paved, have only very light, local traffic. One of these runs about 130 m to SE, and the other 170 m to NW from the measuring equipment.

The electric field strength is recorded by means of two independent sets working simultaneously. Since May 29, 1971, these sets, located at different places, have been identical. One is placed in the middle of the clearing, the other on its edge, nearby the building of the station. The collectors are mounted at heights of 200 and 260 cm above ground, respectively. Each set consists of the radioactive collector, vibron electrometer and recording milliamperometer (see Fig. 2). Each collector, coated with ionium with an activity of 30 μ C and a half-life period of 90 000 years; is placed on a metal rod and connected directly with an input of the electrometer. The electrometer itself, mounted on a metal tube, is contained in a metal casing to protect it from the influence of weather. The signal is transmitted through a buried cable to the recording milliamperometer located in the building. The electrometers constructed in the Observatory are characterized by the high stability of amplification, input resistance of more than 10^{14} Ohms, time constant of 16 s, and several measuring ranges in the interval of -3000 V to $+3000$ V. The application of these instruments substantially limited the effect of wind on the measurements of the electric field; this is of great importance in increasing the recording accuracy of the systems based on the collector method. In order to eliminate the constant disturbance produced by trees, the building and other objects present in the vicinity of the collectors, systematic measurements of the electric field strengths have been carried out on a flat terrain nearby the station. For the collector placed in the middle of the clearing, the reduction factor obtained on the basis of these measurements is 1,6.

The values of the electric conductivity of the air have been obtained from the continuous recording by means of a set consisting of a Gerdien aspiration condenser, vibron electrometer and recording milliamperometer (see Fig.). The aspiration condenser is placed in a free-standing, brick hut located at the clearing, close to the building of the station. The input end of the pipe is put out of the hut, at a height of 100 cm above ground. The vibron electrometer and recording milliamperometer are installed inside the building and connected to the aspiration condenser by means of a buried concentric cable. The critical mobility of the Gerdien condenser is $2,6 \text{ cm}^2/\text{V s}$. The electric current flowing through the condenser during measurements is proportional to the air conductivity. This current is determined by recording the voltage drop on the 10^{11} Ohm resistor by means of the vibron electrometer. This resistor is connected in series with a capacitor and a battery of electric cells. The time constant of the set is 4 minutes.

The concentration of condensation nuclei in the air has been measured by means of a small Scholz counter. Air samples have been taken in the vicinity of meteorological shelters at the clearing, at a height of 100 cm above ground. Observations are carried out three times a day: $6^{10} - 6^{30}$ G.M.T. (I), $11^{00} - 11^{30}$ G.M.T. (II), and $18^{10} - 18^{30}$ G.M.T. (III).

The meteorological observations are carried out on the clearing and inside the building of the station. An August psychrometer, minimum and maximum thermometers and two sets of thermographs and hygrographs are placed at a height of 2 m in two meteorological shelters located in the southern part of the clearing. A minimum thermometer is placed on the earth's surface. A Hellman rain-gauge and a pluviograph are installed nearby. A station barometer and an anemograph manufactured by Fuess are located inside the building. Sensing devices of the anemograph are placed on a mast, at a height of 16,9 m above ground. A Campbell-Stokes heliograph is installed on a flat roof of the building. Also some observations of meteorological phenomena are carried out from this roof. According to the instructions of the State Institute of Hydrology and Meteorology, since January 1, 1971, the timing of routine observations have been changed. The observations are now made at 6^h , 12^h , and 18^h G.M.T. instead of 7^h , 13^h , and 21^h of the local time. Moreover, an additional observations of air temperature and relative humidity, at 0^h G.M.T., has been introduced. The data for 0^h G.M.T. are read from the thermograph and hygrograph records.

The atmospheric electricity and meteorological data obtained in 1972 are compiled in monthly tables which contain: the electric field strength, positive electric conductivity of the air, concentration of condensation nuclei, and basic meteorological elements.

The monthly tables of the electric field strength contain the hourly means (according to G.M.T.), for each day, daily and monthly means, daily maxima, minima and amplitudes, and type of weather during each day. Signs $>$ or $<$ preceding a given entry indicate that the real value is either greater or smaller than that given in the table, since the curve exceeded the recording range in positive or negative direction, respectively, so that it was impossible to determine the true mean value for that hour. Cases in which during the same hour the curve exceeded the range in both directions are marked with $\updownarrow$. Uncertain data are given in round brackets, while the data extrapolated from part of an hour (not less, however, than 40 minutes) are given in square brackets. The mean values obtained during atmospheric precipitation, fog, mist, close or distant thunderstorm, lower cloudiness of more than 1/3, as well as for the periods when the electric field was either negative or exceeded 1000 V/m , are underlined with a solid line. The mean values for the so-called normal days, i.e. the mean values calculated from the data which are neither underlined nor marked with round brackets, are entered in row „A”.

These are the values for the fair-weather periods. The mean values calculated from all the data are entered in row „N”. Starting with the present, 1971 issue, we will not publish any more the mean values for the fair-weather days chosen according to the criteria valid before 1965 (in the preceding yearbooks such data were entered in row „M”). The meaning of symbols „A” and „N” remains the same as in the preceding yearbooks. The type of weather during each day was shortly characterized in a separate column with the help of the following notation: b—clear sky, c—moderate cloudiness, o—overcast, r—rain, p—passing showers, s—snow, h—hail, t—thunderstorm over the station, l—distant thunderstorm, f—fog, m—mist, z—haze, hf—hoar frost.

The monthly tables of the positive conductivity of the air contain the hourly means (according to G.M.T.), daily and monthly means, daily maxima, minima and amplitudes, as well as the type of weather during each day. The data treatment and calculations of mean values were made in the same manner as it was done in the case of the electric field strength. Row „A” contains the mean values for the so-called normal days, and row „N” the mean values calculated from all the data.

The monthly tables of the number of condensation nuclei in 1 cm^3 of air contain the mean values of this element obtained at three observation terms a day, and daily and monthly means (according to G.M.T.).

The tables of meteorological elements contain the results of routine observations, as well as daily and monthly means, of the following: atmospheric pressure, air temperature, vapour pressure, relative humidity, wind direction and velocity, cloudiness and type of clouds, precipitation, snow cover, and the occurrence of other meteorological phenomena. The daily and monthly means of the air temperature and relative humidity are calculated from the data obtained four times a day (at 0^{h} , 6^{h} , 12^{h} , and 18^{h} G.M.T.), while the mean values of other elements from the data obtained three times a day (at 6^{h} , 12^{h} , and 18^{h} G.M.T.). The occurrence of some meteorological phenomena is noted in the column headed „Remarks” (according to G.M.T.).

In 1972, the atmospheric electricity and meteorological observations, as well as the data treatment, were carried out by S. Warzecha, W. Kozłowski, K. Kasperski, B. Kupień and K. Kostrzewa. The material was prepared for publication by S. Warzecha. The project was supervised by Z. Kalinowska, head of the Geophysical Observatory at Świder, and S. Michnowski, head of the atmospheric electricity section of the Institute of Geophysics.

Świder, 15 november 1973

Stanisław Warzecha

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 collector of the vibron electrometer		2.0
Condensateur aspiratoire de la conductibilité Aspiration condenser of the conductivity set		2.6
Compteur Scholz Scholz counter		1.0
		1.0

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, snowstorm
- ✱ tourbillon de neige près du sol, drifting snow (near the ground)
- ✱ tourbillon de neige à une certaine altitude, drift 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
- ↘ vent de 10 à 15 m/s, wind of 10-15 m/s
- ↘ vent au-dessus de 15 m/s, wind exceeding 15 m/s
- ⊕ 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

SYMBOLES DÉTERMINANT TEMPS TIME NOTATION

- n - entre 18^h et 6^h, between 18^h and 6^h
- a - entre 6^h et 12^h, between 6^h and 12^h
- p - entre 12^h et 18^h, between 12^h and 18^h
- na - entre 0^h et 6^h, between 0^h and 6^h
- np - entre 18^h et 24^h, between 18^h and 24^h

TABLEAUX

TABLE

Janvier - January

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date																	
1	154	133	139	118	126	133	136	182	234	199	221	213	242	223	221	224	
2	129	122	98	98	84	109	126	60	31	17	126	224	162	228	333	269	
3	59	39	50	78	95	88	123	41	76	98	74	112	137	141	153	134	
4	60	84	112	84	125	154	137	148	169	139	192	231	270	266	273	315	
5	230	216	154	126	151	97	63	69	35	53	68	[93]	136	138	172	27	
6	28	4	3	-31	11	-34	-21	0	-17	-28	53	66	42	28	0	4	
7	13	-14	-28	-52	-42	-48	-45	-13	6	17	43	38	73	[153]	[-83]	-52	
8	24	-56	-28	-14	0	-38	-3	7	-14	28	0	-7	24	3	-28	42	
9	119	125	74	13	53	38	87	125	112	157	223	304	237	185	90	42	
10	-45	-14	-28	21	38	28	83	-15	83	126	15	56	-18	0	70	126	
11	-164	-8	41	56	7	42	60	55	84	73	39	-15	97	126	160	172	
12	43	85	105	31	102	97	-43	62	56	1	70	14	-17	46	125	57	
13	312	308	301	322	-	-	-	-	-	-	-	-	-	-	-	-	
14	398	423	430	440	420	433	479	536	-	[559]	504	518	546	577	619	630	
15	525	521	470	514	496	529	570	[908]	648	578	518	560	550	628	622	822	
16	430	452	500	535	550	598	700	672	602	500	465	480	445	465	525	535	
17	422	365	312	315	360	332	340	413	381	329	336	297	340	364	382	402	
18	280	234	263	220	182	178	186	181	196	193	73	-154	<444	‡	‡	<-458	
19	102	105	115	102	105	148	122	78	148	224	171	189	227	224	280	242	
20	-24	-28	-11	14	21	1	29	84	77	164	214	262	297	363	479	322	
21	73	94	102	69	66	95	147	139	112	-84	21	-8	-21	-29	-32	-50	
22	7	11	92	125	223	224	336	328	308	336	364	403	378	308	190	252	
23	298	153	116	298	238	153	133	112	98	133	59	85	-42	14	62	200	
24	102	98	88	87	88	28	13	3	59	46	112	122	185	144	168	181	
25	56	48	13	0	10	146	56	28	56	125	136	168	227	332	336	356	
26	266	209	168	154	196	266	210	245	141	0	24	84	217	270	197	209	
27	182	167	154	154	158	143	186	164	181	108	97	153	164	167	196	185	
28	39	11	-98	11	60	98	153	178	[115]	175	136	214	150	168	153	111	
29	56	31	-265	-356	-262	-148	-101	-38	-64	-48	8	36	45	70	-4	14	
30	-95	-192	-196	-181	-140	-154	-133	-154	-196	-160	-158	-154	-185	-146	-98	-70	
31	<-116	-140	-98	-81	-56	-38	-109	-101	-125	-66	-308	-290	-242	-112	-280	-308	
A	371	360	347	325	340	342	382	326	321	298	311	316	325	353	363	388	
N	<128	116	102	105	116	123	134	150	124	133	130	143	<170	184	182	<164	

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.

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
224	224	238	182	129	172	200	154	-	184	351	91	260	o	1
210	116	224	69	109	56	99	76	-	132	491	-22	513	o	2
185	199	168	133	119	119	98	56	-	107	364	-4	368	o	3
260	276	410	472	438	430	402	295	-	239	491	29	462	c, m, hf	4
4	168	182	45	98	87	11	4	-	101	424	-97	521	o, hf	5
-17	17	50	56	49	57	49	32	-	17	99	-90	189	o, d, g	6
60	-17	-52	-90	14	-17	31	157	-	2	364	-168	532	o, s	7
28	0	[185]	>486	-94	87	112	209	-	>40	>700	-405	>1105	o, s	8
38	48	129	-13	-132	-221	-70	-70	-	71	462	-623	1085	o, s	9
28	7	-48	-56	-49	98	-50	-293	-	7	368	-686	1054	o, s	10
169	130	160	53	140	126	140	153	-	-79	307	-686	993	o, s	11
98	140	174	265	276	328	364	291	-	115	421	-115	536	c, s, g	12
-	-	543	518	468	465	448	420	-	-	-	-	-	b	13
644	644	623	602	644	605	601	518	-	-	-	-	-	c	14
812	768	750	672	720	615	550	500	-	619	1015	363	652	b, hf	15
500	558	605	630	542	455	430	430	525	525	770	412	358	b	16
420	472	452	490	512	483	424	336	387	387	532	288	244	b	17
[<150]	-	-172	<-480	-85	35	60	72	-	-	-	-	-	o, s	18
213	178	178	269	104	29	10	0	-	148	322	-70	392	o	19
351	350	393	154	-38	-70	-38	70	-	143	588	-126	714	c, hf	20
-48	-56	-38	-81	-56	-70	-6	-28	-	13	391	-256	647	o, hf	21
374	307	333	293	256	182	363	434	-	268	601	-99	700	c, hf	22
108	56	140	182	210	154	98	146	-	134	388	-76	464	o, g, hf	23
238	168	126	168	182	115	73	102	-	112	279	-32	311	o, s, g	24
217	165	182	210	235	252	258	339	-	165	497	-98	595	c, s	25
259	172	266	196	241	127	70	185	-	182	519	-42	561	c, s	26
115	101	158	56	42	14	-32	42	-	127	256	-66	322	c	27
112	85	70	39	56	95	81	88	-	96	262	-294	556	o, s	28
13	38	28	14	43	10	0	-28	-	-38	154	-606	760	o, s	29
-251	-154	-122	-102	-10	-112	-6	-10	-	-132	136	-580	716	o, s	30
-462	-448	>-451	‡	-402	-265	-270	-322	-	-	-	-	-	o, s, g	31
379	344	394	432	453	418	435	391	364						
<168	162	>190	181	154	143	145	141	145						

Fevrier - February

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date																	
1	-294	-165	-213	-287	-266	-178	-434	-325	-540	-437	-224	-353	-379	-434	-510	-336	
2	151	181	235	273	381	424	459	462	459	476	535	504	431	374	350	378	
3	406	360	333	361	392	434	487	504	483	504	504	493	462	465	490	545	
4	417	367	378	406	364	378	399	476	462	510	490	501	476	517	515	507	
5	378	378	361	381	405	420	490	469	452	487	448	421	434	447	420	392	
6	337	350	378	336	339	351	377	434	420	410	316	308	298	350	375	406	
7	255	227	210	210	216	239	255	252	255	295	294	322	274	266	305	280	
8	167	144	147	153	150	182	210	210	256	307	353	375	336	294	276	235	
9	115	-17	168	238	112	224	347	224	109	151	119	116	154	168	224	252	
10	185	182	168	204	255	260	245	260	248	241	290	311	298	312	308	297	
11	-27	62	176	56	70	56	115	57	14	-66	4	-14	-67	88	84	147	
12	112	120	70	123	182	165	171	182	218	235	209	220	230	252	290	238	
13	144	150	224	286	290	346	420	273	87	84	195	56	185	266	151	199	
14	144	88	81	27	3	0	0	-20	-17	-28	3	0	24	-60	-42	11	
15	297	266	255	224	129	59	56	161	84	-28	-56	3	70	53	-31	-31	
16	126	28	84	70	123	154	157	192	238	101	32	56	165	199	214	238	
17	238	246	238	255	266	333	123	190	[171]	297	323	308	309	378	-	-	
18	342	318	357	325	258	252	224	193	155	179	168	151	157	183	196	273	
19	210	172	168	182	95	84	97	161	98	98	80	154	188	224	280	321	
20	189	210	185	155	193	168	144	155	-	171	210	218	237	252	245	228	
21	151	157	126	154	140	155	154	182	196	252	283	339	350	367	367	336	
22	46	57	31	84	27	20	66	45	70	205	253	268	265	256	238	224	
23	153	117	49	109	56	71	-20	-14	-9	-115	-14	-42	84	45	72	43	
24	126	105	62	28	56	85	126	84	[77]	206	122	119	95	146	169	169	
25	28	28	69	84	98	143	75	92	99	83	38	74	140	245	260	249	
26	130	94	63	131	175	196	253	322	255	97	-10	95	91	203	203	182	
27	561	630	542	448	538	392	161	45	-18	-46	-48	-98	-74	-56	-31	108	
28	111	27	59	112	112	106	112	63	45	28	28	-14	24	34	122	157	
29	378	407	410	227	144	151	241	137	336	168	193	298	290	270	203	140	
A	252	240	234	260	282	301	325	336	336	346	330	325	315	318	320	333	
N	192	182	187	185	183	196	190	188	<168	168	177	179	196	210	205	221	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
-200	-80	-266	-230	150	139	0	115	-	<-239	213	<-700	>913	o, s	1
505	543	532	504	515	494	479	445	420	420	574	144	430	b	2
554	585	589	588	557	574	504	484	486	486	602	322	280	b, hf	3
545	602	602	630	599	538	473	406	482	482	643	343	300	b	4
350	406	420	462	462	419	406	375	420	420	518	333	185	b, hf	5
434	423	406	382	350	325	280	252	360	360	476	239	237	c	6
266	294	321	308	294	266	255	189	264	264	354	146	208	o	7
255	206	214	98	46	196	213	185	-	217	392	-24	416	c, m	8
193	234	164	221	238	255	241	225	-	186	578	-157	735	o, f, m, hf	9
283	224	176	181	154	74	-143	-69	-	206	364	-682	1046	o	10
171	168	143	137	115	136	146	126	-	85	253	-252	505	o, m	11
252	234	281	259	168	143	87	84	-	189	322	18	304	c	12
241	262	207	154	123	196	235	196	-	207	588	11	577	o, m, d, hf	13
14	-14	179	476	224	146	252	172	-	69	521	-465	986	o, d, r, s, m	14
21	53	84	77	150	126	56	134	-	92	371	-95	466	o, m, s, r, d	15
297	280	197	217	237	231	238	238	-	171	354	-29	383	o, m	16
419	420	311	294	378	406	364	378	-	-	-	-	-	c	17
280	280	263	265	263	252	231	227	-	241	372	126	246	o	18
335	238	262	265	263	252	171	185	-	191	405	36	369	c	19
224	221	235	238	224	196	199	175	-	-	-	-	-	c	20
274	231	238	73	154	224	224	169	-	221	490	56	434	c, r, hf	21
220	196	176	[252]	168	92	102	68	-	143	304	-20	324	c, f, m, hf	22
21	120	70	172	122	74	119	130	-	59	315	-253	568	o, d, m	23
210	195	116	64	105	119	146	43	-	116	286	-48	334	o	24
253	239	272	203	173	252	182	140	-	147	332	-56	388	o	25
196	337	476	462	477	465	546	528	-	249	638	-154	792	c, f, m, hf	26
171	196	119	122	192	42	97	70	-	169	654	-276	930	o, f, m, d, hf	27
288	140	98	140	259	322	252	266	-	120	405	-28	433	o, s, d, m	28
231	298	294	277	129	126	70	84	-	229	519	-87	606	o, f, m, r	29
365	387	387	392	392	362	312	289	322						
252	260	248	251	251	244	222	208	207						

Mars - March

CHAMP ÉLECTRIQUE
ELECTRIC FIELD.

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	28	14	168	-42	98	248	251	308	28	7	-78	-35	1	70	91	91	
2	42	280	237	69	31	80	98	143	[27]	59	41	[102]	83	85	56	69	
3	‡	225	108	70	111	-59	-57	-38	-38	-53	-14	0	0	63	129	162	
4	45	43	84	60	13	41	56	84	116	105	98	102	112	[158]	195	179	
5	98	116	42	21	56	84	84	111	133	92	125	118	140	143	112	143	
6	80	66	73	80	55	13	-20	-102	14	-85	-235	-336	-112	-62	-94	-77	
7	106	94	99	108	112	122	125	-	111	129	181	192	214	228	218	239	
8	126	98	141	84	85	122	150	154	115	141	165	125	169	111	172	108	
9	-14	-50	-3	42	112	42	[76]	[153]	178	182	171	168	157	168	195	206	
10	28	60	84	62	60	88	63	85	74	87	59	14	-11	-67	-158	-154	
11	136	150	155	154	139	154	168	157	126	112	129	83	112	175	231	260	
12	294	309	294	308	322	325	337	336	294	266	242	230	237	251	252	312	
13	406	364	349	295	302	357	382	336	350	350	326	266	252	266	311	294	
14	280	260	255	210	238	339	325	322	312	255	307	266	252	228	234	256	
15	200	220	228	211	274	280	343	410	335	294	294	283	350	405	392	346	
16	213	144	155	203	181	252	364	433	405	335	322	308	294	273	265	276	
17	140	115	126	162	98	125	140	267	266	252	302	294	266	228	234	237	
18	258	279	321	214	66	27	83	260	321	242	224	242	228	239	238	242	
19	112	56	18	-13	-14	7	88	140	188	196	196	178	183	203	217	211	
20	112	27	10	3	-14	-14	18	69	126	154	144	133	153	168	196	199	
21	126	88	77	56	4	25	14	154	167	129	133	101	112	[105]	-	[84]	
22	20	69	14	-41	-32	-57	-98	-144	-167	-102	15	112	209	220	234	223	
23	73	14	70	84	73	28	-38	-130	[-125]	-167	-143	-126	-256	-325	<-248	<-284	
24	60	72	102	125	175	228	278	210	56	98	‡	80	28	21	41	112	
25	192	241	266	238	199	225	326	357	269	193	136	98	83	77	101	125	
26	98	38	7	29	63	69	147	182	230	227	210	238	206	220	266	263	
27	-73	14	0	42	74	<-56	‡	‡	-56	-41	13	‡	<-365	14	129	84	
28	280	242	209	182	84	<-71	62	105	70	125	140	49	‡	‡	<87	‡	
29	‡	‡	31	56	-10	10	102	200	214	210	217	171	196	211	196	171	
30	136	113	154	168	151	140	144	209	206	144	132	111	133	144	106	88	
31	-27	-13	-35	-106	<-311	<-490	<-423	-307	<-238	<-353	1	147	185	148	63	195	
A	211	206	245	219	205	229	244	270	263	232	238	217	220	223	245	231	
N	123	125	124	101	<90	<87	<120	154	<132	<116	128	124	<120	139	<149	<155	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
116	171	195	127	31	98	3	-13	-	82	392	-323	715	o, f, m, s, r	1
63	112	3	66	43	237	577	>459	-	>128	>700	-293	>993	o, s, r	2
189	224	224	190	129	88	60	53	-	-	-	-	-	o, s	3
196	199	230	242	237	154	108	66	-	122	284	-8	292	o	4
148	137	112	101	91	108	98	95	-	104	186	-28	214	o	5
-35	[46]	(69)	83	84	102	104	112	-	-7	113	-463	576	o	6
266	251	253	224	154	181	182	161	-	-	-	-	-	o	7
42	64	108	-104	-249	‡	-13	4	-	-	-	-	-	o, r	8
182	232	260	266	122	154	-14	-13	-	124	294	-112	406	o, r, m	9
-140	-15	18	28	-	70	140	136	-	-	-	-	-	o, m, hf	10
280	312	346	346	336	351	325	309	210	210	392	50	342	c	11
377	463	459	517	553	497	452	396	347	347	588	217	371	b	12
343	437	504	449	427	377	312	323	349	349	574	211	363	b, hf	13
280	297	368	363	294	269	280	234	280	280	496	143	353	b	14
270	410	605	508	406	309	164	209	-	323	650	34	616	b, m, hf	15
279	382	405	444	349	195	130	168	-	282	549	42	507	b, m, hf	16
287	301	284	273	256	176	168	178	216	216	385	56	329	b, hf	17
314	336	346	336	351	297	241	168	245	245	396	15	381	b, hf	18
266	301	258	248	214	174	137	112	-	153	354	-15	369	b, hf	19
241	312	409	419	367	175	130	112	-	152	608	-29	637	b, hf	20
81	80	84	196	181	161	45	88	-	-	-	-	-	c, m, hf	21
224	228	182	168	220	210	175	116	-	83	200	-279	559	c, m, hf	22
<-210	-8	<-418	‡	<-848	185	-60	‡	-	-	-	-	-	o, r	23
150	154	213	336	223	154	171	169	-	-	-	-	-	c, r, s	24
126	262	347	403	504	318	153	164	-	225	615	14	601	c, hf	25
277 (258)	234	202	144	42	83	69		-	158	326	-53	379	c	26
102	111	>154	‡	214	230	228	248	-	-	-	-	-	o, r, p	27
>318	‡	<-102	‡	‡	‡	-14	42	-	-	-	-	-	c, r, p, h	28
83	182	207	235	203	126	‡	116	-	-	-	-	-	c, r, s	29
157	140	126	‡	91	59	41	38	-	-	-	-	-	c, r	30
186	181	185	174	181	122	126	168	-	<-10	486	<-700	>1186	o, r	31
250	270	300	321	291	256	210	197	242						
176	219	215	253	<183	194	151	>150	146						

Avril - April

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

h	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	-92	-202	-84	<-312	<-673	†	†	-140	21	105	<36	77	182	161	196	181
2	252	227	202	175	165	202	224	202	182	155	175	169	168	155	153	160
3	88	98	<-280	†	<-192	<-602	218	<-237	-84	3	87	144	<38	<-158	85	†
4	165	169	207	168	196	169	183	238	234	196	140	140	181	193	238	237
5	41	63	87	113	140	154	182	[182]	160	148	182	210	238	207	196	168
6	45	-1	35	35	15	35	84	112	137	137	144	154	165	154	171	168
7	†	98	126	140	168	204	224	256	238	224	182	161	168	165	139	38
8	112	98	70	67	28	94	167	193	214	203	172	144	168	154	140	164
9	>211	-88	-322	<-493	0	-3	27	60	91	98	112	113	171	183	171	146
10	70	45	42	20	8	36	165	203	241	195	190	168	160	182	165	188
11	-13	3	57	24	42	71	29	22	45	98	90	104	>182	†	<-319	88
12	144	155	168	154	183	210	224	197	175	168	126	126	42	-10	56	74
13	384	419	171	104	97	179	266	216	210	246	217	147	168	155	139	-6
14	-20	-15	-35	151	-4	-15	[59]	80	32	-7	102	294	-42	-129	284	14
15	151	102	80	97	94	178	105	-	-	-	[118]	126	168	202	203	
16	†	-	-	-	-	-	-308	323	210	71	<-202	<-336	<-146	266	<-476	-161
17	41	27	28	31	15	70	†	†	†	185	38	41	-13	56	73	-24
18	116	109	151	132	123	154	176	188	151	154	160	148	144	168	189	225
19	91	83	71	77	97	182	234	248	192	154	133	126	105	77	105	108
20	42	59	42	28	-7	3	[10]	[42]	71	90	150	123	167	199	193	196
21	140	140	139	129	146	-	[221]	241	239	235	207	209	196	199	207	223
22	106	133	123	112	116	140	154	183	214	224	182	174	174	141	<-533	†
23	-13	25	64	56	98	123	164	127	210	252	217	162	168	169	160	158
24	146	134	113	98	84	87	178	-204	423	<-14	<-700	†	†	<-322	-34	<-347
25	<-700	†	†	†	<-504	-	-	26	28	112	38	1	137	171	182	196
26	377	350	328	291	326	424	417	322	295	291	279	266	287	281	277	270
27	84	28	63	126	67	<-231	-94	60	87	70	144	293	†	92	†	193
28	129	<130	220	155	-4	99	140	168	209	164	139	234	109	118	<-113	>207
29	-14	4	7	84	98	178	203	171	154	158	134	126	126	98	112	112
30	182	174	146	148	155	169	158	169	178	171	174	179	176	179	186	192
A	156	153	155	145	167	198	224	211	211	212	213	200	200	191	183	182
N	81	<92	<72	<71	<37	<89	141	<130	163	<148	<105	<138	134	<120	<88	120

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
235	295	421	407	322	374	302	251	-	-	-	-	-	c, r	1
168	238	379	323	232	188	139	113	-	198	507	98	409	c, hf	2
99	70	196	132	<-143	<-224	<-168	186	-	-	-	-	-	o, r, m	3
252	234	284	245	148	182	83	35	-	188	347	3	344	c, r	4
‡	‡	‡	25	55	-202	-126	-21	-	-	-	-	-	o, r	5
154	154	126	125	139	116	84	109	-	108	406	-60	466	c, r	6
122	-71	73	106	87	154	134	126	-	-	-	-	-	o, r	7
322	‡	‡	‡	<-111	360	‡	-31	-	-	-	-	-	o, r	8
168	197	167	154	178	206	136	95	-	74	>700	<-700	>1400	o, r	9
172	238	280	267	202	136	81	28	-	145	335	-167	502	c, r, hf	10
147	167	164	154	193	154	154	167	-	-	-	-	-	c, l, r, m	11
228	[281]	302	210	234	501	448	350	-	198	672	-630	1302	c, r	12
-70	-34	-27	-8	64	-91	29	-1	-	124	606	-249	855	c	13
-138	-84	-7	43	130	127	197	169	-	50	588	-420	1008	o, d, m	14
49	126	‡	‡	‡	‡	‡	>452	-	-	-	-	-	o, d, r	15
<-168	258	94	56	143	185	74	42	-	-	-	-	-	o, l, r, m	16
11	11	25	50	-56	95	148	105	-	-	-	-	-	o, r, m	17
216	175	239	279	235	174	155	115	-	170	392	31	361	o	18
203	76	-350	<-547	157	-423	-332	71	-	<39	561	<-700	>1261	o, r	19
211	216	224	213	202	197	151	127	-	123	238	-50	288	o, r	20
197	137	154	123	115	111	101	120	-	-	-	-	-	o	21
‡	‡	<-154	<196	505	-56	55	28	-	-	-	-	-	c, t, r	22
182	164	224	280	202	200	200	158	-	156	533	-589	1122	c	23
‡	‡	‡	>700	‡	>700	‡	‡	-	-	-	-	-	o, s	24
224	251	385	475	539	504	381	462	-	-	-	-	-	c, s	25
266	227	260	228	169	158	155	223	282	282	522	125	397	b, hf	26
137	<-21	126	420	385	272	286	-300	-	-	-	-	-	o, r	27
175	197	196	280	224	154	126	59	-	146	>700	<-700	>1400	c, r	28
116	126	150	154	151	168	188	168	-	124	224	-42	266	c, hf	29
185	157	266	363	336	262	178	174	194	194	428	98	330	b	30
192	198	262	254	223	211	185	186	200	-	-	-	-	-	-
<143	<146	<161	195	<180	161	<124	>144	124	-	-	-	-	-	-

Mai - May

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		179	193	160	155	182	210	195	204	179	123	122	112	62	85	71	94	
2		169	168	160	169	195	258	246	223	165	113	123	125	150	154	154	169	
3		161	144	127	140	160	167	179	150	119	111	<-452	-806	-508	-69	-99	-104	
4		-11	-35	11	11	28	56	97	95	81	29	1	28	43	-139	-239	-90	
5		48	83	97	84	137	141	111	161	162	129	118	87	112	112	129	140	
6		190	160	146	140	146	154	171	140	73	98	98	63	56	85	112	127	
7		112	112	67	84	116	155	196	168	196	192	160	146	169	169	158	151	
8		28	42	64	†	†	-95	-13	49	49	92	109	113	119	126	126	136	
9		98	98	70	71	73	97	147	168	148	118	99	98	105	105	141	132	
10		196	141	122	98	99	99	126	161	133	98	78	62	56	56	84	99	
11		34	36	55	66	60	49	52	53	39	-	-	-	-	-	†	†	
12		<0	-32	-21	-21	-28	-31	-27	28	56	-	-	-	-	-	-	[80]	
13		56	27	42	88	56	14	83	140	151	146	113	102	102	112	125	126	
14		28	168	53	56	70	48	196	238	235	196	98	41	-70	-39	-14	<-286	
15		42	56	127	141	221	210	106	195	165	112	167	140	119	141	154	147	
16		238	252	-3	-	-	-88	-74	-14	-234	-84	14	56	-29	13	48	154	
17		†	200	34	14	<-143	†	†	195	218	182	147	168	168	183	185	98	
18		-20	-53	3	42	77	97	126	83	105	113	134	126	133	123	125	133	
19		77	48	34	49	122	140	160	228	239	223	202	167	98	42	80	137	
20		160	143	140	112	80	99	98	155	182	190	115	<-98	†	115	<39	†	
21		0	-7	-8	-3	66	102	126	122	113	98	71	84	84	84	84	84	
22		7	104	70	56	119	74	213	213	160	119	112	98	105	98	101	105	
23		210	196	182	129	144	127	147	224	190	168	232	†	375	120	622	†	
24		252	118	126	175	143	126	210	252	266	221	204	197	161	139	126	154	
25		21	28	28	20	76	60	78	98	43	182	214	13	-18	22	66	153	
26		99	115	88	97	140	144	168	172	182	160	125	77	112	123	235	66	
27		10	†	42	112	140	158	157	105	147	139	140	126	91	70	57	70	
28		14	-52	14	70	119	126	120	139	-42	147	144	98	45	-42	123	>204	
29		137	71	168	136	123	185	252	252	168	228	154	90	57	70	98	155	
30		147	165	148	66	169	284	266	182	169	169	154	139	109	98	84	77	
31		67	64	62	98	113	157	160	111	123	132	120	†	115	99	88	98	
A		143	118	113	110	125	145	168	176	165	148	140	127	128	135	136	135	
N		<99	92	78	85	<104	111	136	151	128	136	<107	<61	76	78	<106	93	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
112	148	183	182	181	174	188	186	-	153	263	8	255	c	1
168	168	183	210	188	151	168	182	173	173	288	98	190	c	2
-74	3	45	80	56	67	35	42	-	<-14	225	<-1512	>1737	o, r	3
-24	-18	-28	28	32	53	74	52	-	6	144	-361	505	o, r	4
141	136	231	309	258	272	224	216	-	152	430	-15	445	c	5
140	162	200	197	238	214	141	112	140	140	266	31	235	c	6
148	29	109	189	154	80	81	87	-	134	281	-56	337	c	7
133	136	[151]	181	112	102	98	101	-	-	-	-	-	c, r, l	8
125	154	182	200	202	210	266	274	-	141	406	66	340	c	9
113	104	111	132	132	112	39	29	-	103	251	13	238	c	10
160	<-476	‡	<-476	<-545	<-402	‡	<-699	-	-	-	-	-	o, r, l, m	11
101	-7	-69	60	118	169	46	42	-	-	-	-	-	o, r	12
118	116	125	81	43	295	-28	56	-	95	608	-458	1066	o, m	13
-178	-115	97	109	197	253	266	25	-	<79	455	<-700	>1155	o, r, m	14
14	-20	-	14	98	143	154	203	-	-	-	-	-	o, r, m	15
126	71	63	74	-13	11	‡	‡	-	-	-	-	-	o, r, m	16
94	153	112	105	169	‡	11	0	-	-	-	-	-	c, r, t	17
136	155	151	119	111	108	126	112	-	99	252	-99	351	c, r	18
112	129	168	207	232	224	210	176	-	146	308	27	281	c	19
‡	56	-27	-28	69	70	69	28	-	-	-	-	-	o, r, t	20
34	43	46	42	27	20	4	34	-	56	153	-28	181	c, r	21
123	157	221	143	146	210	183	224	-	132	336	-27	363	c	22
293	108	126	74	99	186	99	92	-	-	-	-	-	c, r, l	23
182	174	210	210	161	52	42	24	164	164	325	-3	328	b	24
185	167	109	56	70	-63	-43	-39	-	64	438	-403	841	o, r	25
115	126	87	130	158	200	154	76	-	131	550	-588	1138	o, r	26
95	83	95	126	154	101	62	70	-	-	-	-	-	o, r	27
‡	>249	81	94	154	151	175	154	-	-	-	-	-	c, r, l	28
18	‡	73	1	‡	115	99	88	-	-	-	-	-	c, r, m	29
63	-55	‡	<-150	350	15	3	43	-	-	-	-	-	o, r	30
111	123	109	105	127	154	154	60	-	-	-	-	-	c, r	31
132	143	162	167	166	161	145	134	144						
99	75	112	<90	<116	<115	107	<68	101						

Juln - June

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		42	42	55	55	69	77	126	132	122	105	140	112	118	140	174	148	
2		102	106	99	95	122	143	109	84	<-106	-	-	-	-	-	[98]	133	
3		52	112	162	102	35	7	108	104	94	84	70	56	59	67	83	95	
4		98	71	63	69	70	120	136	134	133	112	106	98	101	105	133	133	
5		140	139	141	140	155	175	158	(157)	158	154	98	48	60	48	55	69	
6		202	189	178	210	196	186	188	223	246	224	157	(116)	112	98	118	112	
7		197	182	126	98	84	84	99	111	[139]	120	112	109	139	99	88	-35	
8		24	18	-17	-39	6	-169	-2350	-42	-10	57	69	84	115	129	101	<-403	
9		-52	-42	-14	10	70	132	179	188	(165)	(168)	132	137	132	98	90	112	
10		59	42	42	49	87	123	140	99	56	129	98	84	84	95	102	113	
11		71	85	99	34	28	63	118	151	160	111	112	-63	27	†	<-97	253	
12		99	112	84	56	70	71	147	157	(183)	144	139	130	141	125	106	126	
13		118	127	140	119	116	141	167	112	112	112	80	†	†	-24	>221	†	
14		84	14	25	-60	-84	-154	-43	87	112	133	168	154	153	154	140	†	
15		-125	-112	-112	-78	-172	41	†	>420	-126	167	148	<84	-361	70	126	139	
16		104	57	35	57	85	38	43	45	56	136	209	†	†	196	154	95	
17		-27	-13	4	-49	-55	28	56	204	227	196	182	162	151	136	91	132	
18		256	125	224	132	182	185	238	207	186	168	151	168	154	155	155	153	
19		225	196	231	197	165	225	255	161	227	218	193	154	140	139	125	116	
20		115	63	70	56	70	92	101	94	67	90	88	14	80	<-251	-6	-3	
21		98	108	108	112	119	139	169	196	196	210	196	196	199	210	189	164	
22		49	45	34	59	91	99	134	188	203	140	141	144	140	139	140	137	
23		81	41	41	28	182	-53	78	137	183	168	157	>42	†	98	0	52	
24		-70	-141	-42	-244	-129	<-181	<-442	†	†	†	†	†	<-645	-42	56	118	
25		43	70	83	56	<-347	<-584	<-676	<-697	<-700	<-90	-34	-165	-207	-323	-298	-155	
26		102	116	87	130	182	179	168	167	141	140	164	139	116	122	132	123	
27		174	98	122	<-336	-18	88	81	28	39	56	15	102	105	112	126	139	
28		42	213	202	98	196	153	84	111	109	109	94	90	†	452	112	148	
29		95	127	73	-20	281	167	232	190	221	241	178	<99[<-374]	†	<13	†		
30		71	225	168	266	252	323	274	196	197	151	137	147	140	125	139	98	
A		111	106	110	103	123	141	162	161	166	157	141	132	135	126	121	128	
N		82	80	84	<47	<70	<65	<3	115	<96	<134	125	94	<35	<92	89	<86	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
125	101	38	130	160	126	136	134	-	109	204	4	200	c	1
126	127	136	157	154	182	207	106	-	-	-	-	-	o, r	2
98	112	147	178	195	175	136	113	-	102	218	-36	254	c	3
140	162	200	238	238	214	196	186	-	136	253	41	212	c	4
70	(97)	(133)	(140)	176	182	196	196	-	129	210	28	182	c	5
125	137	(202)	234	227	242	238	221	-	183	272	(60)	(212)	b	6
<62	15	138	98	98	36	57	17	-	<95	1662	<-1750	>3412	c, r, t	7
<-596	†	<-39	-92	-104	-125	-84	-38	-	-	-	-	-	c, r, l	8
(112)	139	154	248	231	154	99	80	-	113	295	-57	352	c	9
127	140	144	150	132	132	98	84	-	100	174	-13	187	c	10
309	196	81	92	137	139	98	57	-	-	-	-	-	c, r, l	11
126	154	172	154	141	144	140	133	-	127	224	42	182	c	12
<-231	147	172	307	427	245	60	21	-	-	-	-	-	c, r, t	13
†	†	†	†	685	288	-56	-136	-	-	-	-	-	o, r, t	14
60	220	174	238	256	231	266	248	-	-	-	-	-	o, r, l	15
83	59	[10]	4	-10	-27	-55	-63	-	-	-	-	-	o, r, t	16
113	155	129	127	234	266	238	216	-	121	388	-281	669	o, r	17
129	112	182	196	242	241	280	267	-	187	353	-10	363	b	18
133	153	172	237	276	284	182	183	191	191	396	98	298	b	19
42	136	91	85	151	185	169	98	-	<71	309	<-700	>1009	c, r	20
162	161	140	146	132	98	73	42	148	148	252	32	220	c	21
133	139	136	206	245	293	221	157	142	142	322	28	294	c	22
†	†	†	442	-7	-67	-14	6	-	-	-	-	-	o, r, t, m	23
179	196	213	291	202	60	213	111	-	-	-	-	-	o, r	24
-119	-25	>63	>463	125	197	162	147	-	-125	>700	<-700	>1400	o, r	25
175	172	218	319	308	322	314	126	-	173	424	42	382	c	26
161	182	238	350	490	557	412	295	-	<151	630	<-700	>1330	c, r	27
151	147	182	197	234	252	175	140	-	-	-	-	-	c, r, t	28
(†)	522	(424)	252	224	232	183	63	-	-	-	-	-	c, r, t	29
118	†	81	211	293	248	241	188	-	-	-	-	-	c, r, f, m	30
135	141	161	209	226	224	188	140	150						
<78	148	148	>200	210	184	153	113	106						

Juillet - July

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	183	209	196	132	137	230	267	270	259	†	<-92	<193	†	†	-298	101	
2	28	42	-84	-207	>294	(-533)	-130	-126	-146	-84	-7	34	127	143	127	140	
3	78	134	185	108	157	186	119	125	76	85	84	62	56	88	129	98	
4	174	126	69	63	71	109	95	25	115	134	137	147	158	13	204	255	
5	126	125	113	146	181	239	197	221	227	182	161	169	169	157	-	-	
6	293	309	308	325	266	210	182	164	182	154	143	148	144	162	158	154	
7	70	84	85	98	127	168	174	190	210	182	182	>160	45	†	322	210	
8	31	-4	7	45	92	182	126	83	109	140	141	136	113	154	148	151	
9	176	134	91	98	132	146	151	179	207	224	253	223	232	210	196	224	
10	168	139	148	176	182	192	224	235	202	206	203	196	232	230	224	225	
11	206	214	183	196	248	214	237	183	140	143	133	112	92	<-140	<-197	235	
12	504	168	(-302)	-4	-63	-84	<-59	-15	<-147	<-56	-140	-74	-74	-113	11	123	
13	-49	-14	7	56	35	18	6	[31]	[21]	53	13	55	56	50	64	91	
14	106	139	140	112	112	112	105	175	178	158	174	132	192	195	154	122	
15	57	35	42	64	98	104	119	122	129	119	125	127	139	127	126	85	
16	157	125	98	153	161	143	126	132	132	126	112	102	105	91	48	113	
17	108	127	108	116	199	203	185	182	168	164	140	143	150	151	165	167	
18	127	99	112	116	140	209	210	160	136	132	153	167	176	189	185	196	
19	140	154	154	160	169	210	253	237	196	218	197	210	210	211	210	216	
20	139	112	130	174	154	204	182	186	168	168	113	77	192	182	218	169	
21	81	119	132	133	167	192	196	176	150	[139]	112	>168	†	†	<-56	188	
22	171	178	126	84	154	181	139	122	140	126	<-693	†	†	†	391	248	
23	122	113	126	127	140	179	231	241	220	190	185	176	155	164	168	174	
24	308	302	241	228	206	269	333	288	200	182	136	126	120	130	(101)	98	
25	140	139	161	171	168	252	266	186	158	144	154	154	158	154	168	143	
26	119	84	70	74	85	92	92	-	-	-	-	-	-	-	-	62	
27	-28	27	-45	42	43	41	56	50	14	28	14	63	63	-17	-25	-56	
28	-113	25	118	42	-48	98	244	168	154	113	71	111	112	151	108	116	
29	183	160	140	140	132	174	199	235	266	248	141	81	-171	-147	64	94	
30	154	123	126	70	112	192	154	147	157	140	200	154	174	182	227	206	
31	126	132	162	140	196	272	273	252	291	258	224	224	245	210	171	162	
A	150	152	147	144	160	195	196	188	186	183	169	169	170	172	176	174	
N	132	124	102	109	>137	142	<160	154	<144	<138	<92	130	125	<113	<121	150	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
69	53	[56]	153	<-449	367	43	71	-	-	-	-	-	o, r, t	1
126	126	182	195	246	323	213	80	-	(>46)	>700	(-1554)	(>2254)	o, r	2
112	140	122	242	266	227	232	178	-	137	315	11	304	c, r	3
133	22	150	[224]	192	118	155	141	-	126	281	-162	443	o, r	4
-	-	-	274	234	241	235	230	-	-	-	-	-	c	5
157	164	235	267	286	210	98	66	199	199	406	42	364	c	6
211	262	279	277	305	188	168	56	-	-	-	-	-	c, r, t	7
148	155	129	141	104	185	196	169	-	120	245	-27	272	c	8
210	210	252	273	304	272	232	190	201	201	389	50	339	c	9
238	258	252	276	300	309	280	245	222	222	365	104	261	b	10
(-206)	42	130	55	0	-42	(<-575)	-374	-	<51	1722	<-2100	>3872	c, r	11
132	126	158	249	171	126	70	-50	-	<27	1848	(<-1823)	(>3671)	o, r, d, m	12
127	168	239	197	181	112	167	111	-	75	309	-77	386	o, d, m	13
123	168	151	115	126	94	85	84	-	136	221	69	152	c	14
>123	>101	147	111	133	141	154	147	-	>111	>700	-615	>1315	c, l	15
157	168	185	196	188	162	122	101	-	133	223	-83	306	c, r, l	16
168	195	218	-	-	-	130	130	-	-	-	-	-	b	17
189	196	238	248	231	251	210	147	176	176	305	84	221	b	18
203	203	251	267	272	234	207	154	-	206	305	104	201	c	19
122	154	444	238	112	(251)	150	112	-	173	631	-34	665	c, r	20
220	224	280	335	311	217	185	157	-	-	-	-	-	c, r, t, m	21
266	193	216	244	204	175	157	129	-	-	-	-	-	c, r, l	22
192	210	272	378	297	423	406	442	222	222	532	98	434	b	23
140	151	174	155	209	193	185	155	193	193	406	(53)	(353)	b	24
157	144	168	168	167	168	132	127	164	164	307	69	238	c	25
41	59	>409	†	†	-102	-14	7	-	-	-	-	-	c, r, l	26
-73	-63	-28	73	99	39	<-115	†	-	-	-	-	-	o, r	27
126	154	221	238	182	168	174	168	-	121	294	-588	882	c, r, l	28
141	181	220	165	116	126	139	154	-	133	420	-486	906	c	29
171	196	185	175	199	147	108	98	158	158	284	42	242	c	30
185	127	171	210	†	†	†	†	-	-	-	-	-	c, t	31
177	182	204	216	211	213	182	156	178						
>137	>150	>204	212	<178	184	<131	118	141						

Août - August

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		<-326	154	67	-95	-35	-70	52	56	-21	182	158	165	105	154	157	196	
2		98	88	70	154	126	196	238	70	182	193	84	126	196	294	196	129	
3		210	140	168	308	532	403	325	288	251	234	193	137	116	118	155	171	
4		†	†	†	†	†	<-504	<-288	14	248	263	168	162	143	210	196	210	
5		178	176	189	155	168	210	252	[326]	322	252	214	196	195	193	181	165	
6		182	179	193	125	126	213	266	225	210	224	224	196	169	179	186	195	
7		221	195	155	176	196	161	185	199	227	224	[219]	185	<-56	†	319	151	
8		42	154	234	308	456	329	294	224	210	199	179	98	†	†	†	†	
9		224	167	126	181	165	328	354	395	294	224	210	199	207	182	174	161	
10		126	182	199	221	134	276	266	245	242	252	206	165	126	157	168	308	
11		266	386	227	193	255	294	340	238	224	238	252	182	168	178	179	168	
12		56	56	63	214	346	311	353	277	238	263	242	196	207	256	218	227	
13		182	190	190	144	181	277	241	260	269	235	196	207	183	182	196	185	
14		182	168	182	196	217	339	309	272	294	224	210	188	171	183	182	196	
15		220	238	223	213	252	263	266	273	283	231	227	238	255	266	266	288	
16		246	210	223	210	210	223	224	225	238	224	168	101	168	200	204	210	
17		84	101	168	144	155	210	182	175	171	147	148	140	98	140	143	182	
18		85	†	†	†	85	182	154	308	-	-	†	†	168	140	115	140	
19		81	†	<-420	-504	-358	<-456	-294	241	-36	112	99	4	53	6	-13	14	
20		88	70	31	179	182	252	350	392	350	192	98	111	53	80	185	181	
21		52	88	168	252	†	†	†	>392	50	-95	†	<-392	<-252	154	148	190	
22		39	50	98	112	116	97	81	151	196	112	196	178	112	74	11	<235	
23		140	126	140	119	50	35	94	171	217	165	98	42	-94	140	112	252	
24		238	183	42	81	55	350	398	416	276	228	181	154	193	199	193	154	
25		244	224	308	241	118	119	207	210	182	210	213	189	305	179	182	238	
26		326	305	210	140	116	182	263	165	185	197	193	151	160	196	157	144	
27		157	171	196	171	210	223	238	207	210	216	67	98	238	224	126	160	
28		213	214	162	220	294	325	280	361	308	283	207	228	189	151	140	210	
29		154	294	337	392	364	433	269	[322]	346	238	252	266	269	252	252	283	
30		252	190	143	182	221	196	[224]	200	154	182	81	<-449	†	>378	290	378	
31		253	158	210	308	†	-	<-420	165	238	252	210	<-309	181	224	252	199	
A		198	211	196	178	182	260	278	262	264	232	215	186	192	195	196	200	
N		<150	173	<148	163	176	<186	<190	>241	219	203	179	<105	<139	>182	176	<197	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
188	179	230	266	195	168	179	140	-	<102	673	<-700	>1373	o, r, d	1
140	172	[238]	<140	†	<-11	197	232	-	-	-	-	-	o, r, l	2
126	126	<-223	<-350	†	†	†	†	-	-	-	-	-	o, r, m	3
227	224	238	266	224	210	206	178	-	-	-	-	-	o, r	4
140	109	165	251	224	182	176	183	-	200	379	22	357	c	5
176	171	210	32	378	340	336	280	-	221	498	84	414	c, m	6
147	199	168	101	147	209	279	189	-	-	-	-	-	c, r	7
109	196	294	322	350	364	284	252	-	-	-	-	-	c, r, l, m	8
195	154	168	196	196	116	154	168	-	206	490	4	486	c	9
286	266	375	462	396	315	196	263	-	243	528	-22	550	c, l	10
172	196	210	224	†	†	†	70	-	-	-	-	-	c, r, l	11
260	301	400	504	504	543	490	350	-	286	574	-14	588	c	12
197	195	252	284	251	238	214	214	-	215	364	112	252	c	13
210	210	291	322	336	286	245	210	234	234	420	112	308	b	14
280	322	364	378	339	280	273	267	271	271	414	168	246	b	15
193	269	266	195	155	133	140	147	-	199	598	18	580	b	16
†	122	196	210	129	140	125	88	-	-	-	-	-	c, r, l	17
151	148	182	158	182	168	143	56	-	-	-	-	-	o, r, t	18
42	238	137	45	-8	-28	10	28	-	-	-	-	-	o, r, m	19
178	196	199	†	†	244	266	134	-	-	-	-	-	o, d, r, m	20
174	157	196	169	238	144	84	28	-	-	-	-	-	o, r, t	21
<-238	<-140	-102	76	77	126	85	98	-	<77	598	<-700	>1298	o, d, r	22
266	237	297	322	336	322	406	350	-	181	438	-237	675	c, r, d, m	23
140	109	116	164	193	223	168	196	-	194	462	3	459	c, r	24
172	171	280	427	346	350	239	249	-	233	519	60	459	c, r	25
146	53	-14	140	181	46	130	133	-	163	392	-112	504	o, r	26
294	259	-42	126	332	336	238	227	-	195	468	-686	1154	o, r	27
260	252	273	252	263	304	199	137	-	239	420	70	350	o, r	28
265	234	[322]	400	419	364	242	258	-	301	546	76	470	c, f	29
462	350	[322]	374	294	280	252	238	-	-	-	-	-	o, f, d, r, l, m	30
109	220	218	98	<-333	<-574	-200	<-276	-	-	-	-	-	o, r, l	31
205	222	270	308	284	267	247	219	230						
<182	<190	<201	<228	<235	<201	196	<170	185						

Septembre - September

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		43	62	127	132	245	280	361	284	231	178	148	155	140	109	70	74	
2		13	38	45	105	90	136	160	168	168	141	141	151	164	182	179	210	
3		270	217	258	286	288	337	364	309	266	224	195	196	230	246	202	213	
4		3	20	15	87	119	130	224	168	165	153	154	162	168	154	188	196	
5		225	126	116	140	105	112	[77]	57	197	211	225	165	139	126	132	120	
6		15	29	34	45	84	50	92	73	84	84	98	115	130	157	153	132	
7		29	56	29	45	25	81	88	73	104	134	169	203	241	245	228	210	
8		24	11	11	15	20	63	83	98	113	168	196	193	199	176	168	176	
9		43	29	14	10	-10	22	95	129	140	213	204	199	186	162	197	213	
10		154	126	115	123	158	188	185	182	185	199	186	185	164	168	169	186	
11		119	104	25	-81	-11	46	139	136	34	<10	>63	‡	‡	‡	-52	-29	
12		-158	-322	64	90	98	139	237	336	304	238	185	210	213	223	213	255	
13		-139	136	-13	74	140	27	‡	-381	-122	<-699	-768	-330	-1275	-282	15	-592	
14		70	68	112	142	150	85	18	-200	-552	<-140	70	28	68	138	88	76	
15		133	71	98	-18	-11	-20	27	<-596	<-650	<-696	-364	<-1025	-350	155	98	278	
16		245	245	242	175	175	202	308	280	245	252	230	168	78	68	-8	-38	
17		132	80	85	-10	122	112	122	-10	140	78	105	70	132	165	140	70	
18		178	132	72	70	70	102	142	225	237	231	232	224	188	168	153	160	
19		143	11	78	185	182	140	183	157	241	300	199	171	133	151	165	158	
20		437	430	406	182	255	266	392	350	336	221	169	196	168	195	141	175	
21		64	39	7	-15	14	7	13	11	80	151	146	123	129	141	160	192	
22		-25	14	-24	-29	-45	-24	-18	-10	57	85	97	109	109	108	60	111	
23		<-700	<-398	-92	81	53	168	132	147	130	130	141	‡	>196	>378	‡	‡	
24		32	42	60	35	55	35	[136]	196	214	280	223	182	119	‡	‡	‡	
25		14	<-368	<-644	<-641	<-619	<-386	39	-48	-143	<-546	-210	-57	<-193	42	95	-482	
26		10	10	52	38	95	18	80	112	122	38	98	105	84	98	126	249	
27		151	132	144	112	125	126	102	176	-	-	-	-	-	-182	<-71	<-158	
28		281	231	238	224	217	210	235	300	270	-	-	-	-	-	225	133	
29		102	24	38	154	64	-164	62	66	190	199	126	140	‡	98	‡	193	
30		286	274	258	182	157	85	14	245	274	224	154	190	151	‡	276	‡	
A		146	149	186	151	162	141	159	158	162	179	183	178	181	179	167	185	
N		<73	<56	<66	<65	<80	<86	141	<101	<106	<74	>93	<86	66	>130	<130	<92	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
-20	63	-14	-56	-43	17	45	14	-	110	559	-126	685	c, r	1
210	274	307	246	248	266	[349]	354	-	181	447	0	447	c, m	2
197	230	308	451	395	400	207	13	-	263	531	-71	602	b, m, f	3
193	211	272	333	283	162	84	119	-	157	410	-53	463	c, m	4
143	214	[195]	126	182	195	157	92	-	149	323	7	316	c, m	5
183	216	74	84	70	69	52	35	-	90	424	0	424	o, f	6
126	57	126	59	42	57	18	25	-	103	277	-8	285	b, f	7
164	139	108	77	57	101	73	55	-	104	224	-1	225	b, f	8
223	[210]	202	202	204	197	126	164	-	141	265	-20	285	c	9
189	196	213	185	143	140	143	143	168	168	224	112	112	c	10
-108	-311	-447	<-529	<-462	<-570	<-680	<-647	-	-	-	-	-	o, r	11
274	312	[326]	280	230	211	190	210	-	182	392	-685	1077	o, r	12
-855	142	-60	-80	-68	68	-142	50	-	-	-	-	-	o, r	13
56	140	155	182	217	143	182	127	-	<59	1582	<-1750	>3332	o, r, f	14
228	280	300	150	262	260	265	212	-	<-38	683	<-1750	>2433	o, r	15
-98	-45	-42	32	‡	808	88	112	-	-	-	-	-	o, r	16
102	238	428	470	340	282	175	185	-	156	622	-72	694	c, r, m	17
178	214	237	238	255	196	210	204	-	180	378	45	333	c, m	18
217	284	318	305	342	329	259	350	-	208	462	-53	515	i, m	19
231	272	322	346	287	343	148	59	-	264	538	25	513	c, f, m	20
224	186	[252]	192	189	11	18	-43	-	95	321	-77	398	c, f, m	21
27	-66	78	90	-42	-46	-136	<-214	-	<11	141	<-700	>841	o, f, m, r	22
‡	‡	55	210	212	195	150	72	-	-	-	-	-	c, r, p	23
120	125	246	266	231	197	129	84	-	-	-	-	-	o, l, r	24
142	155	172	158	120	112	38	-15	-	<-136	1402	<-1708	>3110	o, r, p	25
294	377	308	307	266	221	224	206	-	147	440	-13	453	o, r, m	26
-8	<-151	202	167	378	375	365	332	-	-	-	-	-	o, r	27
-218	<-452	1	-56	102	74	78	109	-	-	-	-	-	c, f, r	28
210	230	307	371	381	318	322	270	-	-	-	-	-	c, r	29
298	400	361	305	294	398	55	294	-	-	-	-	-	c, r	30
203	183	195	161	135	141	133	143	168	-	-	-	-	-	-
101	<143	177	<170	<176	<184	<106	<99	109	-	-	-	-	-	-

Octobre - October

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date																	
1	266	318	210	210	182	266	221	214	238	188	168	144	193	179	238	224	
2	298	290	253	178	185	182	255	308	336	259	206	202	[119]	182	307	382	
3	98	84	101	98	109	115	167	168	157	171	143	120	143	160	172	213	
4	172	144	140	140	126	168	98	[148]	232	246	196	182	157	144	168	196	
5	294	280	-251	56	179	277	294	370	385	280	252	245	228	199	207	239	
6	190	154	91	123	154	133	154	151	224	252	266	266	252	252	252	238	
7	197	123	24	4	0	-28	4	140	297	294	266	262	253	251	300	361	
8	217	127	126	101	120	84	28	231	336	280	252	231	242	252	277	336	
9	196	115	98	144	70	15	14	186	258	227	196	232	249	308	336	360	
10	85	39	64	11	20	11	87	252	361	336	294	308	269	266	280	333	
11	141	98	98	77	88	55	230	392	367	336	280	255	244	263	266	304	
12	0	-43	28	36	-18	94	81	15	39	-21	-6	-39	-14	28	98	125	
13	232	200	28	14	157	11	87	101	168	168	-53	4	56	49	87	†	
14	-78	-168	8	-35	35	105	122	105	105	204	196	224	225	192	130	-98	
15	-266	<-330	<-479	-29	-49	-52	-62	-59	<-158	-84	14	-22	-94	-98	-14	24	
16	133	118	151	112	95	101	230	256	-	224	193	235	224	266	266	350	
17	42	0	56	144	392	410	265	168	76	126	196	224	238	241	224	195	
18	98	90	66	50	27	42	106	<-6	†	207	154	230	227	102	<-172	<-238	
19	210	182	182	157	67	55	98	294	363	287	151	181	252	277	294	294	
20	200	112	77	143	133	91	95	118	196	†	-265	-34	14	28	137	204	
21	56	41	56	63	95	98	87	126	269	266	252	197	181	182	172	158	
22	98	-42	116	140	20	84	81	125	169	196	171	154	154	172	196	210	
23	172	129	7	74	129	140	151	123	78	52	84	179	178	213	266	294	
24	<-67	-69	41	118	168	175	196	294	†	†	†	224	322	328	259	252	
25	112	119	112	98	98	112	140	189	210	185	204	228	238	252	239	265	
26	-31	-22	-56	-38	-8	-11	-13	-42	143	112	141	218	294	284	280	213	
27	98	42	42	42	14	28	42	35	56	84	189	224	168	258	197	87	
28	63	67	83	98	56	70	120	98	70	42	119	134	125	202	288	210	
29	126	111	125	120	113	125	[176]	112	144	126	154	168	171	196	196	186	
30	511	392	466	521	448	406	421	325	378	255	375	119	150	98	47	126	
31	249	140	258	241	182	185	294	308	336	280	206	154	185	185	196	161	
A	176	139	127	119	123	132	144	206	265	237	225	229	226	239	245	262	
N	<133	<92	<75	104	109	114	138	<169	<208	192	166	176	182	191	<199	<207	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
227	308	476	512	470	402	367	393	—	276	616	98	518	o, r	1
343	308	280	272	214	186	143	120	—	242	447	57	390	c, hf	2
234	277	206	203	168	168	158	182	—	159	308	53	255	c	3
249	498	512	498	479	535	532	476	—	268	588	60	528	b, m, hf	4
280	308	349	375	350	308	302	235	—	252	529	—540	1069	c, m, hf	5
294	253	206	182	71	62	95	133	—	185	392	14	378	c, m	6
350	311	242	207	210	196	193	224	—	195	420	—45	465	b, m, hf	7
371	347	294	241	221	210	196	147	219	219	448	6	442	b, hf	8
365	392	350	203	171	120	140	126	—	203	463	55	408	c, m	9
349	[309]	379	451	339	210	167	126	—	223	476	—112	588	b, m	10
308	148	158	28	18	29	7	14	—	175	434	—28	462	c, r, hf	11
123	126	227	162	84	126	99	132	—	62	294	—95	389	c, r, m	12
†	<—139	†	[88]	105	35	—45	—10	—	—	—	—	—	o, m, r	13
—304	<—462	<—452	<—413	<—274	<—280	<—277	—112	—	<—54	280	<—990	>1270	o, r	14
11	11	84	182	252	224	182	168	—	<—27	284	<—700	>984	o, r, d	15
409	398	452	462	431	330	395	204	—	—	—	—	—	o, f	16
129	76	[126]	98	98	84	122	154	—	162	504	—168	672	o, f, m, d	17
126	81	129	147	171	182	206	175	—	—	—	—	—	c, r	18
333	351	370	286	252	291	284	242	—	240	430	28	402	c, m, r, hf	19
197	151	32	8	42	60	66	42	—	—	—	—	—	c, a, r, m, hf	20
207	238	294	186	193	266	160	126	—	165	322	15	307	c, m, hf	21
294	378	[434]	417	336	332	340	232	—	200	508	—176	684	o, g, hf	22
294	206	199	196	—178	—90	4	—76	—	118	353	—700	1053	c, a, hf	23
242	263	284	294	218	101	126	112	—	—	—	—	—	c, r, g	24
252	195	168	162	129	67	—80	—80	—	151	336	—90	426	c	25
189	—	—	60	151	29	14	32	—	—	—	—	—	c, m, hf	26
90	154	[150]	140	126	101	70	74	—	105	308	—27	335	c	27
196	196	203	211	188	147	144	140	—	136	314	4	310	o	28
213	252	160	99	22	92	213	350	—	156	511	—322	833	c, f	29
224	182	280	298	305	136	151	224	—	285	630	—45	675	o, f, d	30
137	126	95	136	84	42	56	—15	—	176	448	—98	546	o	31
283	285	287	275	249	222	218	186	221	—	—	—	—	—	—
225	<208	<231	<206	<176	<152	<146	138	163	—	—	—	—	—	—

Novembre - November

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	18	27	-29	14	-34	-28	-73	-91	-56	24	18	97	144	168	118	14	
2	-49	-42	-20	11	-13	-22	-3	-27	[-56]	-87	-97	-76	-35	3	27	4	
3	-60	-53	-27	-14	21	60	62	18	49	85	126	95	98	111	160	183	
4	42	1	45	14	-52	-57	-85	-76	-98	-69	-88	-193	-178	-88	-122	-109	
5	83	67	41	14	31	49	35	123	154	200	231	235	227	224	147	42	
6	41	127	<-154	56	164	174	238	210	196	202	200	239	272	308	301	266	
7	209	188	126	153	-57	42	21	-17	31	67	111	140	140	106	140	132	
8	157	126	109	94	74	97	105	112	112	70	56	20	-10	-21	132	†	
9	136	127	185	104	197	196	266	252	358	308	239	245	210	230	204	203	
10	115	74	60	56	1	-25	-42	18	188	272	322	325	305	294	286	168	
11	0	74	134	140	196	155	140	179	238	276	276	256	253	273	279	171	
12	14	35	-50	<-144	144	160	34	†	<-223	34	10	57	186	188	290	242	
13	171	169	154	175	182	223	213	336	347	325	274	276	241	†	25	130	
14	70	70	42	42	60	-	164	203	211	197	181	157	[182]	†	119	134	
15	88	144	140	147	-6	97	85	225	-	-	196	87	125	67	125	143	
16	81	62	74	31	7	-3	28	95	98	20	-59	-95	0	-7	17	113	
17	14	66	-6	-21	11	11	14	56	182	158	192	234	217	242	249	232	
18	†	†	†	†	†	-15	-136	-70	-118	-84	-83	-113	-104	<-434	<-559	-377	
19	-77	-167	-53	-27	56	95	167	232	301	308	308	326	[328]	367	372	398	
20	213	241	158	225	256	364	312	195	168	252	280	238	230	171	168	189	
21	-39	-343	-111	83	56	77	147	164	164	175	232	280	384	379	308	160	
22	-134	†	4	29	70	112	126	132	111	85	56	38	84	115	119	134	
	56	28	45	-25	3	17	29	[112]	-	202	160	144	168	196	213	189	
24	27	-3	84	63	31	97	183	179	84	56	73	64	73	113	224	101	
25	91	146	141	185	111	227	309	378	350	280	200	175	<83	†	-62	-63	
26	112	28	60	4	38	74	126	83	84	126	230	183	98	165	140	92	
27	<-470	-290	-232	-158	-98	-102	-70	-52	-29	-95	-144	-151	-193	-188	-171	-230	
28	-168	-70	<-272	<-350	-266	-206	-210	-84	-120	-182	-90	-50	25	116	97	34	
29	217	227	238	272	227	221	196	195	53	77	120	153	168	183	174	176	
30	154	127	140	154	182	209	210	252	259	314	328	318	308	337	305	256	
A	-150	160	147	181	186	242	222	237	239	266	272	267	264	268	231	211	
N	<38	42	<35	<46	55	79	86	115	<108	124	129	123	<134	<134	128	108	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
53	46	22	-6	-55	-3	-34	-1	-	15	280	-291	571	o, m, d	1
-3	118	168	112	111	71	42	28	-	5	210	-200	410	c, m, r	2
216	161	148	98	85	98	70	8	-	75	280	-92	372	o, m	3
-167	-60	-88	-112	-46	77	94	50	-	-57	251	-311	562	o, d, r	4
-132	(-206)	-167	<-136	-111	-185	<-210	-88	-	<28	413	<-700	>1113	o, r	5
297	298	258	252	265	216	230	168	-	<201	350	<-700	>1050	c, r	6
139	202	309	(196)	155	136	132	130	-	122	323	-189	512	c, d, m	7
-154	35	53	25	104	53	73	83	-	-	-	-	-	o, d, r	8
213	172	150	154	146	193	168	125	-	199	518	-69	587	c, m	9
164	115	169	144	140	112	28	-35	-	136	350	-109	459	c, m	10
18	-230	(308)	<-21	†	<34	-133	175	-	-	-	-	-	o, r	11
133	105	188	223	204	139	148	141	-	-	-	-	-	o, r	12
196	224	<-74	-	-	-	35	42	-	-	-	-	-	c, r, hf	13
132	146	188	196	213	176	196	125	-	-	-	-	-	c, wind, s	14
42	90	140	182	118	112	126	120	-	-	-	-	-	c, f, wind, hf	15
147	157	235	230	88	81	76	76	-	65	337	-365	702	o, hf	16
252	304	218	83	155	94	46	56	-	127	351	-197	548	c, s, hf	17
-245	-337	-202	42	-25	24	56	-56	-	-	-	-	-	o, s, d, m, f	18
328	197	155	267	290	280	321	294	-	211	435	-185	620	c, r	19
214	259	279	276	252	200	132	112	-	224	455	11	444	o, hf	20
62	81	102	157	189	179	†	277	-	-	-	-	-	o, s, m, r	21
137	105	74	59	28	8	-7	83	-	-	-	-	-	o, r	22
238	321	301	182	94	62	56	28	-	-	-	-	-	c, r	23
129	266	286	112	41	-71	-28	85	-	95	312	-351	663	c, r, s	24
20	-48	-42	14	14	-13	4	63	-	-	-	-	-	c, r, s, hf	25
91	-70	-27	171	-56	-308	-335	-431	-	28	673	-598	1271	o, s	26
-127	-279	-203	-305	-161	-160	-188	-176	-	<-178	154	<-700	>854	o, d, r, s, m, g	27
21	81	99	165	182	160	168	204	-	<-30	234	<-700	>934	o, r, s, m	28
181	195	183	168	182	182	168	133	-	179	286	7	279	o, s, g, hf	29
295	302	97	66	55	88	80	76	-	205	365	-27	392	c, f, hf	30
240	219	232	234	220	180	165	140	221						
96	92	<111	<103	95	<70	<52	61	90						

Décembre - December

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date																	
1	57	69	60	63	77	133	108	157	176	196	168	207	241	196	197	160	
2	0	-32	-31	-11	41	181	290	360	256	174	406	469	256	400	420	420	
3	151	158	84	112	122	143	153	195	252	294	252	263	266	335	297	210	
4	42	60	0	-17	14	42	42	42	88	137	209	111	(182)	182	169	42	
5	-28	-20	-41	-14	45	-57	-98	-41	-13	25	74	137	141	158	182	66	
6	126	59	45	28	84	56	43	94	41	41	167	335	344	335	232	195	
7	70	41	-28	0	52	112	24	70	112	174	258	298	308	322	210	181	
8	56	67	14	14	<-294	<-419	-234	-42	14	-15	14	73	41	71	69	<-112	
9	84	120	133	99	126	127	0	-182	-210	-323	-238	-210	-45	-370	141	-14	
10	97	140	111	83	153	175	88	41	67	56	56	70	168	210	251	189	
11	-14	-14	-6	-25	25	0	21	29	116	140	105	140	167	251	398	378	
12	252	183	28	29	91	139	112	18	77	130	60	80	146	223	97	14	
13	77	35	41	38	-1	11	41	28	101	210	224	251	242	238	237	179	
14	56	88	84	24	126	144	60	78	-53	-111	81	153	143	45	-13	38	
15	-126	-375	-330	-113	238	294	209	182	28	60	98	18	-181	-196	99	130	
16	406	307	175	162	238	315	445	314	221	223	294	375	400	300	112	11	
17	252	248	252	230	74	17	-102	25	168	204	126	102	112	83	22	36	
18	-73	-10	-55	-56	4	-28	-84	<-50	<-378	-13	-63	42	14	3	52	126	
19	210	181	90	143	122	185	267	301	336	377	365	363	330	326	246	224	
20	374	304	280	238	294	441	575	580	455	363	391	385	319	336	424	525	
21	71	160	286	218	206	143	340	360	301	283	441	489	535	500	214	14	
22	434	405	364	462	476	391	449	532	431	483	490	547	532	550	532	155	
23	133	126	192	185	192	209	305	225	270	470	452	511	503	532	553	421	
24	-14	1	18	-1	-17	7	1	0	42	56	217	279	336	336	246	130	
25	17	60	99	84	104	56	62	67	56	84	101	154	293	266	371	322	
26	28	28	45	38	80	77	69	85	77	140	181	109	92	147	32	-56	
27	83	81	71	27	28	52	76	99	202	245	273	294	322	388	437	361	
28	309	308	364	322	308	372	402	358	419	447	433	438	447	480	521	501	
29	451	406	448	458	409	307	388	312	542	557	518	531	533	560	536	494	
30	472	505	553	461	533	476	535	550	605	615	601	589	542	529	539	542	
31	434	378	381	374	178	154	176	287	384	406	392	406	438	452	447	461	
A	189	186	241	228	237	214	227	234	260	314	317	346	359	365	364	330	
N	145	131	120	118	<133	<137	154	<164	<167	198	231	258	263	264	267	<205	

1972

ATMOSPHERIQUE V/m
STRENGTH V/m

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
195	224	273	252	297	238	210	-83	-	161	357	-193	550	c, f, hf	1
442	493	500	524	528	242	43	224	-	275	627	-144	771	c, f, m, hf	2
196	228	248	239	200	153	83	52	195	195	350	42	308	c, hf	3
119	238	360	167	169	249	154	8	-	117	406	-56	462	o, m, hf	4
134	141	28	-13	192	181	87	150	-	59	349	-308	657	o, f, d	5
213	179	195	171	109	125	56	154	-	143	363	-17	380	c, m, hf	6
195	168	223	234	154	84	66	50	-	141	367	-134	501	o, f, m, hf	7
-28	64	57	98	18	13	42	57	-	<-15	249	<-700	>949	o, m, r	8
-98	-360	-199	-13	161	108	70	18	-	-45	462	-627	1089	o, f, m, r	9
154	95	31	1	42	31	95	21	-	101	276	-67	343	c, m, r, hf	10
308	28	18	185	238	227	136	266	-	130	434	-126	560	c, m, g, hf	11
-28	-28	-32	43	3	-29	7	15	-	68	293	-112	405	b, m, f, hf	12
81	74	52	74	60	28	98	84	-	104	356	-29	385	c, hf	13
-73	-38	7	71	0	-91	0	-13	-	34	210	-210	420	o, m, f, d, hf	14
220	158	202	249	249	291	447	438	-	95	543	-518	1061	o, f, d	15
307	209	434	433	371	476	294	270	-	296	630	-153	783	o, f, m, d	16
112	210	235	84	64	0	7	-15	-	106	561	-323	884	o, f	17
-154	-214	-69	-3	-144	129	91	195	-	<-31	686	<-700	>1386	o, a, m, i	18
308	322	294	347	444	470	392	406	-	294	517	32	485	o, hf	19
357	416	420	244	197	160	88	126	-	346	647	25	622	b, m, f, hf	20
294	350	517	592	536	487	504	475	-	346	638	-433	1071	c, m, hf	21
122	48	17	(252)	195	109	111	350	-	352	622	-267	889	c	22
364	112	70	70	56	109	3	11	-	253	598	-57	655	b, hf	23
105	182	84	-14	46	-8	-53	-42	-	81	364	-116	480	b, f, hf	24
308	126	182	85	84	84	41	84	-	133	469	-57	526	b	25
-154	-157	-147	-85	-31	28	97	69	-	33	223	-279	502	c	26
377	395	406	407	434	399	351	335	-	256	469	13	456	b, hf	27
[448]	528	547	545	546	515	490	476	438	438	588	266	322	b, hf	28
409	406	[202]	[315]	412	386	497	465	-	439	599	-14	613	b, hf	29
521	501	489	490	503	449	462	434	521	521	623	262	361	b, hf	30
466	532	613	588	714	[630]	-	-	-	-	-	-	-	b, hf	31
323	320	318	326	307	255	218	246	291	-	-	-	-	-	-
201	182	202	214	221	202	166	169	188	-	-	-	-	-	-

Janvier - January

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		11.0	11.3	11.5	12.1	>12.3	11.1	10.8	8.7	8.2	7.7	9.6	[10.0]	9.3	7.9	7.6	6.6	
2		>12.5	>13.8	>13.1	>13.0	11.8	12.3	11.1	9.6	6.4	6.2	6.4	8.2	7.9	8.5	9.4	8.7	
3		11.7	11.5	12.9	12.0	9.7	9.0	8.3	6.7	6.2	6.6	6.3	5.6	5.8	5.8	5.6	5.4	
4		9.8	9.8	8.7	7.5	5.6	4.3	4.0	2.8	3.8	6.0	6.4	6.6	6.0	5.0	3.6	2.7	
5		4.1	4.8	5.2	5.1	5.2	4.5	4.6	5.1	5.3	5.2	5.3	5.6	5.9	5.9	5.9	5.8	
6		9.8	10.1	10.6	10.2	8.1	7.7	7.4	6.9	6.4	5.9	6.4	6.4	6.2	5.8	5.7	6.0	
7		7.9	7.8	7.2	7.0	6.4	6.2	5.6	5.0	[4.9]	5.2	5.2	5.0	5.2	5.2	4.7	5.0	
8		7.0	6.1	7.0	7.1	6.1	5.2	5.0	4.2	4.2	5.0	4.5	4.1	4.6	4.6	4.3	3.9	
9		5.0	4.8	6.2	5.8	5.5	5.0	4.6	4.3	3.4	3.3	4.6	4.8	4.8	4.2	4.1	5.1	
10		6.6	7.6	7.9	7.3	6.7	5.6	5.4	3.7	3.4	3.8	4.3	4.9	4.6	4.5	5.0	4.4	
11		(9.0)	8.7	7.9	6.2	5.9	5.4	4.3	3.7	4.2	4.1	4.9	4.6	6.6	5.8	4.6	4.4	
12		6.2	6.2	7.5	8.2	8.1	6.4	5.3	5.5	5.3	4.8	5.2	5.7	4.6	5.0	5.3	4.4	
13		4.8	5.0	5.2	4.8	-	-	-	-	-	-	-	-	-	-	-	-	
14		-	-	-	-	-	-	-	-	-	-	-	3.0	3.2	3.1	2.4	1.9	
15		2.8	3.4	3.6	3.0	-	-	-	1.3	1.9	2.6	3.2	3.2	3.4	3.5	3.0	1.7	
16		3.1	3.5	3.5	3.3	3.5	3.5	3.1	2.6	2.5	2.5	2.9	3.1	3.1	3.0	2.7	2.5	
17		4.1	4.4	4.5	4.6	3.5	3.6	3.2	3.0	3.1	3.3	3.5	3.8	3.9	3.5	3.1	2.8	
18		4.5	4.6	4.6	4.2	4.2	4.0	3.7	3.5	3.4	3.5	3.8	3.7	-	-	-	-	
19		4.6	4.4	4.4	4.2	3.7	3.1	3.1	3.4	3.6	[3.8]	4.1	4.0	3.8	3.8	3.6	3.3	
20		3.5	3.9	4.8	5.2	5.1	4.4	3.7	3.4	3.3	3.8	3.8	3.4	3.2	3.0	2.6	2.2	
21		3.0	2.9	3.8	3.9	4.8	5.1	4.6	4.5	4.1	4.0	3.8	4.1	3.8	4.0	3.3	3.1	
22		5.0	4.9	4.0	3.3	2.8	2.6	2.0	1.7	2.7	3.4	3.3	3.0	2.9	3.8	3.1	2.9	
23		2.6	3.1	3.5	4.1	3.8	3.4	3.4	3.0	2.5	2.8	2.9	2.9	2.9	2.5	2.5	2.8	
24		4.0	4.1	4.4	4.4	4.2	3.8	3.5	3.4	3.2	3.0	3.5	3.7	3.9	4.0	3.6	3.1	
25		3.7	4.3	4.8	5.6	4.8	(4.8)	4.3	4.6	5.0	3.9	4.6	4.4	4.6	4.4	4.0	2.8	
26		2.9	3.7	4.1	4.6	4.7	4.6	3.8	4.0	4.1	3.7	3.6	4.3	4.1	3.9	3.1	2.2	
27		4.3	4.6	4.7	4.5	4.1	4.0	3.8	3.8	3.9	4.0	3.9	3.9	4.2	4.3	4.2	3.9	
28		5.6	5.7	5.8	5.2	5.1	5.0	4.8	4.6	[6.4]	4.9	5.0	4.9	4.8	4.8	-	-	
29		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A		3.9	4.3	4.4	4.0	3.8	3.6	3.3	3.2	3.2	3.8	4.1	4.0	4.0	3.9	3.4	2.6	
N		>5.9	>6.1	>6.3	>6.2	>5.8	5.4	4.9	4.3	4.3	4.7	4.7	4.7	4.7	4.6	4.3	3.9	

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

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
7.0	6.9	7.2	6.4	8.3	8.8	9.6	>11.0	-	>9.2	>14.7	6.0	>8.7	o	1
8.4	8.8	9.0	8.3	9.0	10.2	11.7	11.7	-	>9.8	>14.7	5.6	>9.1	o	2
5.9	5.9	6.2	6.3	7.5	8.3	8.9	9.4	-	7.8	14.2	5.2	9.0	o	3
2.7	2.5	2.2	2.4	2.5	2.7	3.1	3.1	-	4.7	10.6	2.1	8.5	c, m, hf	4
5.8	6.3	6.6	7.4	8.3	9.3	9.6	9.4	-	6.1	10.2	3.5	6.7	o, hf	5
5.8	6.2	6.5	7.0	7.3	7.7	7.9	7.9	-	7.3	11.1	5.4	5.7	o, d, g	6
5.4	6.0	6.1	6.2	7.6	7.9	7.7	7.5	-	6.2	8.5	4.4	4.1	o, s	7
4.4	4.4	3.9	3.6	3.8	4.0	4.2	4.5	-	4.8	7.5	3.3	4.2	o, s	8
5.1	5.0	5.2	4.4	4.5	4.6	5.1	5.2	-	4.8	6.9	3.1	3.8	o, s	9
4.1	4.0	5.2	5.1	5.5	6.5	6.6	(8.5)	-	5.5	(11.9)	3.1	(8.8)	o, s	10
3.9	4.6	4.6	5.0	5.6	6.0	7.1	7.5	-	5.6	(9.8)	3.2	(6.6)	o, s	11
3.8	2.6	3.3	3.9	3.5	4.1	3.8	4.5	-	5.1	10.0	2.0	8.0	c, s, g	12
-	-	3.3	3.0	2.7	2.5	2.5	[2.4]	-	-	-	-	-	b	13
1.8	2.1	2.3	2.2	1.8	1.9	2.4	2.1	-	-	-	-	-	c	14
1.9	2.5	2.3	2.4	2.3	2.6	2.6	2.7	-	-	-	-	-	b, hf	15
2.7	2.8	2.6	2.7	3.1	3.3	3.5	3.6	3.0	3.0	3.8	2.3	1.5	b	16
2.8	2.8	3.0	3.2	3.5	3.8	4.1	4.2	3.6	3.6	4.8	2.7	2.1	b	17
-	-	[5.0]	4.2	4.5	4.7	4.6	4.3	-	-	-	-	-	o, s	18
3.2	2.9	2.7	2.2	2.2	3.1	3.7	3.4	-	3.5	4.7	2.0	2.7	o	19
1.8	2.7	2.7	2.4	2.1	2.1	2.1	2.3	-	3.2	5.2	1.7	3.5	c, hf	20
3.3	3.3	3.7	3.5	3.7	4.4	5.1	5.2	-	4.0	5.8	2.7	3.1	o, hf	21
2.5	1.6	2.0	2.1	2.5	2.6	2.9	2.9	-	2.9	5.5	1.2	4.3	c, hf	22
2.6	2.7	2.6	3.1	3.4	3.3	3.5	3.8	-	3.1	4.3	2.2	2.1	o, g, hf	23
3.3	3.5	3.4	3.5	3.4	3.4	4.4	3.9	-	3.7	5.2	2.7	2.5	o, s, g	24
2.2	2.3	2.5	2.5	2.9	2.7	2.2	2.2	-	3.8	6.2	2.0	4.2	c, s	25
1.9	2.6	2.8	3.3	3.7	3.8	4.4	4.2	-	3.7	5.0	1.7	3.3	c, s	26
3.9	3.8	3.8	4.2	4.8	4.9	5.1	5.3	-	4.2	5.4	3.6	1.8	c	27
-	-	-	-	-	-	-	-	-	-	-	-	-	o, s	28
-	-	-	-	-	-	-	-	-	-	-	-	-	o, s	29
-	-	-	-	-	-	-	-	-	-	-	-	-	o, s	30
-	-	-	-	-	-	-	-	-	-	-	-	-	o, s, g	31
2.5	2.6	2.8	2.8	2.9	3.0	3.0	3.1	3.4	-	-	-	-	-	-
3.8	4.0	4.1	4.1	4.4	4.8	5.1	>5.3	4.8	-	-	-	-	-	-

Février - February

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	2.3	2.5	2.7	2.5	-
3	4.4	4.6	4.8	4.4	4.1	3.6	3.2	3.5	3.7	3.6	3.5	3.4	3.3	2.8	2.6	2.5	-
4	4.6	4.4	3.7	3.4	2.5	2.0	2.8	2.3	2.9	3.0	3.1	2.9	3.3	3.1	2.8	2.3	-
5	3.5	3.6	3.5	2.9	2.8	2.8	2.5	2.6	3.5	3.3	3.5	3.1	3.1	3.2	3.1	2.9	-
6	2.7	2.9	3.0	3.3	3.0	3.1	2.4	1.9	2.5	2.8	2.9	3.1	3.0	2.7	2.4	2.7	-
7	4.3	4.4	4.6	4.0	4.1	3.6	3.7	4.0	4.3	3.9	4.4	4.1	4.3	4.2	3.6	3.3	-
8	5.3	5.6	5.6	5.6	5.2	5.1	4.2	3.9	3.6	3.9	3.9	3.8	3.7	3.4	2.9	2.1	-
9	1.9	1.9	2.1	2.4	2.0	1.8	1.6	1.3	1.8	2.0	2.0	2.3	2.5	2.6	2.5	2.0	-
10	3.5	3.8	3.8	3.9	3.5	3.5	3.2	3.1	2.9	3.1	3.1	3.3	3.1	3.3	3.2	3.1	-
11	4.1	3.7	3.4	3.1	3.0	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.7	2.5	-
12	5.2	5.0	5.2	5.7	5.0	3.7	3.9	4.4	5.6	5.2	5.0	4.7	4.8	4.9	4.6	3.9	-
13	2.5	2.1	2.4	2.8	2.9	3.0	2.9	2.3	2.5	2.9	3.5	3.4	4.1	4.8	3.7	3.7	-
14	5.6	6.8	6.6	5.8	5.7	5.5	5.2	4.9	4.8	5.1	5.2	5.0	5.2	5.0	4.8	4.8	-
15	5.8	6.0	6.0	5.5	5.0	5.1	4.7	4.4	3.3	2.9	3.2	3.7	4.4	[3.7]	2.9	2.3	-
16	3.7	3.3	4.1	4.4	4.9	4.6	3.6	3.3	4.2	4.6	4.8	5.2	6.0	6.9	5.2	4.9	-
17	5.2	5.5	5.8	5.7	5.4	4.3	4.8	5.0	5.1	5.2	5.3	5.0	4.6	4.0	-	-	-
18	5.0	5.2	5.0	4.9	4.5	4.1	4.0	4.1	4.0	3.8	4.0	4.4	4.4	4.4	4.0	3.6	-
19	4.6	4.9	5.2	5.2	4.8	3.9	3.7	3.9	3.9	4.0	4.1	4.0	3.7	3.9	3.9	3.4	-
20	5.8	5.7	5.7	5.5	5.6	5.3	5.0	4.4	-	4.3	4.5	5.0	5.0	5.1	5.2	5.4	-
21	6.7	6.4	6.0	5.5	5.5	4.1	3.7	4.6	5.4	5.7	6.0	5.8	5.5	5.0	4.5	4.3	-
22	5.2	5.1	4.1	3.5	3.2	2.8	1.8	2.5	3.8	4.2	4.2	4.0	3.8	4.4	4.0	3.1	-
23	3.7	5.0	4.1	3.9	4.0	4.3	4.1	4.1	4.5	4.7	5.3	5.4	7.2	6.4	6.5	4.8	-
24	9.1	8.7	7.6	7.3	5.9	5.6	3.7	4.1	-	5.0	5.0	5.1	5.0	5.4	5.7	5.0	-
25	5.7	6.2	6.8	6.9	6.5	5.3	5.2	5.0	4.6	4.8	4.8	4.6	4.6	4.8	4.8	4.6	-
26	5.0	5.2	4.5	2.6	2.6	2.8	2.7	2.7	3.1	3.1	3.5	4.7	4.4	4.4	4.8	5.1	-
27	1.5	1.4	2.2	2.5	2.8	2.9	2.5	2.4	2.1	1.7	2.7	3.4	3.9	4.6	4.8	5.0	-
28	5.4	5.9	6.5	6.2	6.1	5.3	4.6	4.1	4.0	4.4	4.4	4.4	4.8	4.9	3.7	3.4	-
29	2.3	2.4	2.5	2.7	2.4	2.5	2.0	2.5	3.0	3.3	3.6	4.0	5.3	6.2	6.8	6.7	-
A	4.5	4.6	4.5	4.3	4.0	3.5	3.3	3.5	3.9	4.1	4.0	4.0	3.8	3.8	3.5	3.3	-
N	4.5	4.7	4.6	4.4	4.2	3.8	3.5	3.5	3.7	3.8	4.0	4.1	4.2	4.3	4.0	3.7	-

1972

(POSITIVE) $\times 10^{-13} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
-	-	-	-	-	-	-	-	-	-	-	-	-	o, s	1
2.0	2.2	2.4	2.7	3.2	3.1	3.5	4.1	-	-	-	-	-	b	2
2.5	2.5	2.5	2.9	3.8	3.5	4.1	4.4	3.5	3.5	4.8	2.4	2.4	b, hf	3
2.2	2.1	2.1	1.9	1.9	2.2	2.9	3.3	2.8	2.8	4.9	1.5	3.4	b	4
3.0	2.9	2.9	2.7	2.5	2.9	2.9	3.0	3.0	3.0	3.8	2.3	1.5	b, hf	5
2.6	2.8	3.1	3.7	4.0	4.0	4.1	4.1	3.0	3.0	4.6	1.5	3.1	c	6
3.5	3.9	4.0	4.4	4.8	4.8	5.2	5.2	4.2	4.2	5.4	3.3	2.1	o	7
1.8	1.7	1.7	1.4	1.2	1.2	1.4	1.6	-	3.3	5.8	1.0	4.8	c, m	8
2.1	2.1	2.5	3.0	3.1	3.1	3.5	3.5	-	2.3	3.6	1.0	2.6	o, f, m, hf	9
3.3	3.4	3.7	3.9	4.1	4.6	4.5	4.1	-	3.5	5.0	2.8	2.2	o	10
2.0	2.0	2.0	3.3	4.1	4.8	5.0	4.9	-	3.0	5.1	1.8	3.3	o, m	11
2.8	2.5	2.7	3.0	3.0	2.9	2.3	2.5	-	4.1	5.8	2.2	3.6	c	12
4.0	4.4	4.8	3.9	4.6	4.8	4.4	5.4	-	3.6	6.0	1.8	4.2	o, m, d, hf	13
4.4	4.1	3.9	4.7	5.2	5.0	5.5	5.0	-	5.2	7.9	3.7	4.2	o, d, r, s, m	14
2.2	2.2	2.3	2.7	3.2	3.1	3.1	3.3	-	3.8	7.3	2.0	5.3	o, m, s, r, d	15
3.8	3.5	3.9	4.0	4.6	5.0	4.6	4.7	-	4.5	7.5	3.1	4.4	o, m	16
2.7	2.7	3.3	3.7	4.4	4.5	4.1	4.4	-	-	-	-	-	c	17
3.4	3.3	3.4	3.9	4.0	4.1	4.6	4.5	-	4.2	5.4	3.1	2.3	o	18
3.3	3.7	4.0	4.6	4.4	4.8	5.4	5.8	-	4.3	6.1	3.1	3.0	c	19
5.2	5.4	5.8	6.0	6.0	6.1	6.1	6.2	-	-	-	-	-	c	20
4.2	4.4	4.4	5.7	5.4	5.8	6.2	5.8	-	5.3	7.2	3.1	4.1	c, r, hf	21
2.9	2.7	2.6	2.7	2.9	3.1	3.1	3.6	-	3.5	5.6	1.7	3.9	c, f, m, hf	22
4.1	5.3	4.8	5.6	6.8	8.6	9.2	9.8	-	5.5	11.9	3.4	8.5	o, d, m	23
4.8	5.0	4.8	5.4	5.9	5.4	5.5	5.9	-	-	-	-	-	o	24
4.6	4.4	4.6	4.8	5.6	6.2	6.0	5.2	-	5.3	7.5	4.0	3.5	o	25
4.0	2.3	1.8	1.4	1.5	1.4	1.5	1.4	-	3.2	5.8	1.2	4.6	c, f, m, hf	26
4.9	4.5	5.5	5.2	5.4	5.2	5.0	4.7	-	3.6	5.8	1.2	4.6	o, f, m, d, hf	27
2.6	2.2	2.0	2.1	2.2	2.6	2.9	2.7	-	4.1	7.1	2.0	5.1	o, s, d, m	28
4.6	3.5	2.0	1.8	1.9	2.3	3.3	4.7	-	3.4	8.2	1.8	6.4	o, f, m, r	29
2.9	3.0	3.0	3.4	3.6	3.9	4.3	4.4	3.8	-	-	-	-	-	-
3.3	3.3	3.3	3.6	3.9	4.1	4.3	4.4	4.0	-	-	-	-	-	-

Mars - March

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date																	
1	5.4	5.4	5.2	4.6	3.6	3.1	2.1	2.3	3.6	5.0	4.0	4.7	5.0	5.0	5.3	4.6	
2	8.4	9.5	9.5	9.1	7.9	6.6	5.0	5.4	4.9	4.9	5.8	6.1	7.1	5.8	5.0	4.6	
3	3.4	5.8	5.6	6.2	5.0	3.9	3.2	3.2	2.9	2.9	3.1	3.5	3.3	3.9	4.1	3.6	
4	6.1	6.2	6.0	5.9	5.3	4.6	4.0	3.8	4.2	4.4	4.4	4.6	4.7	-	4.8	4.7	
5	6.3	6.9	6.5	6.0	5.5	5.8	5.4	4.8	4.8	5.0	5.4	-	-	-	-	-	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	5.4	5.5	5.4	5.6	5.8	5.6	4.8	4.9	
8	6.8	6.8	6.8	6.6	5.3	5.1	4.5	4.2	4.6	5.2	5.2	5.2	4.8	4.8	4.4	4.4	
9	4.8	5.4	6.0	5.6	5.7	5.2	[4.6]	-	4.1	4.6	4.6	4.8	4.4	3.9	3.8	4.1	
10	2.5	2.5	2.8	2.9	3.1	3.0	2.5	3.1	4.3	4.4	5.5	5.2	5.2	4.8	3.8	3.2	
11	4.1	4.4	4.5	4.4	4.0	3.5	3.9	4.0	4.4	4.4	4.6	4.4	4.3	4.1	4.1	4.6	
12	4.9	5.6	6.0	6.2	5.4	5.2	5.0	4.7	4.8	5.2	5.6	5.4	5.2	5.4	5.4	5.5	
13	5.4	4.8	6.2	6.0	5.0	3.9	3.5	4.1	4.3	4.8	4.8	4.8	4.6	4.6	4.8	4.5	
14	5.6	6.1	5.8	5.5	4.9	3.9	3.8	3.9	3.7	3.7	4.1	3.7	4.2	4.4	4.1	3.5	
15	5.4	5.2	4.6	5.4	4.6	2.8	2.7	3.3	4.0	4.4	4.3	3.9	4.0	4.4	4.0	3.9	
16	1.6	1.9	2.3	2.5	2.7	3.0	2.9	2.8	3.8	4.8	4.8	5.2	5.8	4.9	5.1	4.4	
17	4.0	3.7	3.6	3.5	3.3	4.1	3.3	3.5	4.1	4.6	4.6	6.0	6.1	5.6	6.0	5.3	
18	2.9	3.2	3.0	2.8	2.7	2.5	2.6	3.5	4.6	5.0	5.6	5.6	5.2	5.6	5.2	5.2	
19	5.0	5.4	4.7	4.8	4.6	3.9	4.1	4.1	4.4	4.6	4.7	4.5	4.7	4.5	4.4	4.2	
20	2.3	2.1	2.7	3.2	3.2	3.1	3.1	3.5	3.7	4.4	4.3	4.3	4.6	4.5	4.4	4.5	
21	2.2	2.7	3.5	3.5	-	2.2	2.7	2.9	3.1	3.9	5.0	5.3	5.2	[4.5]	-	[5.4]	
22	1.9	2.4	2.6	2.7	2.7	2.9	3.0	3.1	3.5	3.8	4.6	5.6	5.6	6.0	6.2	5.0	
23	5.4	5.0	4.8	4.8	4.7	4.5	4.3	4.0	4.0	4.0	4.1	4.8	4.8	4.7	5.0	4.8	
24	7.1	6.2	7.9	7.5	6.4	4.8	4.6	4.9	5.1	5.3	5.6	5.8	5.7	5.6	5.2	5.6	
25	5.5	5.0	4.8	4.8	4.1	3.9	3.5	3.3	3.9	4.7	5.3	5.2	5.3	5.3	5.0	5.0	
26	6.6	7.7	9.3	10.0	7.7	6.6	6.4	5.6	5.5	5.6	5.6	5.2	5.4	5.9	5.4	5.4	
27	5.8	5.0	4.9	4.8	4.4	5.2	5.8	6.1	7.3	6.8	7.0	7.5	6.0	5.7	5.2	6.0	
28	5.1	5.4	5.4	6.4	10.1	10.8	10.6	[9.0]	8.5	7.8	7.7	7.6	7.3	4.8	4.6	5.3	
29	4.8	3.4	4.8	4.7	4.1	3.9	4.5	5.2	5.0	4.4	4.8	4.7	5.0	5.3	5.4	5.4	
30	5.3	5.2	6.2	5.8	5.6	5.2	4.9	4.4	5.0	5.6	4.3	4.2	4.6	4.7	5.0	4.6	
31	5.0	4.9	4.9	4.8	4.4	3.5	3.7	4.1	4.1	[3.9]	3.8	4.0	4.6	4.5	4.3	3.9	
A	4.4	4.6	4.9	5.0	4.2	3.7	3.6	3.6	4.1	4.5	4.8	4.8	5.0	5.0	4.9	4.8	
N	4.8	5.0	5.2	5.2	4.9	4.4	4.1	4.2	4.5	4.8	5.0	5.1	5.1	5.0	4.8	4.7	

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
4.0	3.7	4.5	5.6	6.6	6.9	7.3	8.1	-	4.8	9.2	1.8	7.4	o, f, m, a, r	1
3.8	3.5	2.7	2.8	3.1	3.3	3.1	3.1	-	5.5	11.5	2.5	9.0	o, a, r	2
3.5	4.0	4.1	4.6	5.2	5.6	5.7	6.2	-	4.3	6.8	2.5	4.3	o, s	3
5.2	5.2	5.2	5.0	5.0	5.4	5.8	5.9	-	-	-	-	-	o	4
-	-	-	-	-	-	-	-	-	-	-	-	-	o	5
-	-	-	-	-	-	-	-	-	-	-	-	-	o	6
5.1	4.8	4.8	5.3	5.4	5.9	6.3	7.5	-	-	-	-	-	o	7
4.6	4.4	3.9	3.8	4.8	4.4	5.7	5.0	-	5.1	7.3	3.5	3.8	o, r	8
4.4	2.5	1.2	0.8	0.4	0.4	0.6	1.6	-	-	-	-	-	o, r, m	9
3.6	4.1	-	3.3	-	3.8	3.7	3.9	-	-	-	-	-	o, m, hf	10
4.5	4.4	4.6	4.8	5.0	4.8	4.8	4.8	4.4	4.4	5.3	3.3	2.0	c	11
4.3	3.1	2.5	2.7	3.1	2.7	3.5	5.2	4.7	4.7	9.0	2.3	6.7	b	12
3.3	2.3	1.5	1.6	3.3	4.1	5.0	5.2	4.3	4.3	9.0	1.4	7.6	b, hf	13
2.7	2.5	2.7	2.7	3.0	3.3	4.1	5.3	4.0	4.0	6.4	2.3	4.1	b	14
3.6	1.8	1.2	1.0	1.0	1.2	1.3	1.4	-	3.3	6.4	1.0	5.4	b, m, hf	15
2.7	2.0	1.8	1.9	2.4	2.9	3.3	3.5	-	3.3	6.5	1.4	5.1	b, m, hf	16
3.8	2.7	1.9	1.8	2.2	2.6	2.9	2.9	3.8	3.8	7.0	1.8	5.2	b, hf	17
3.9	2.8	3.0	2.8	3.8	3.8	4.1	4.4	3.9	3.9	6.3	2.3	4.0	b, hf	18
3.0	2.4	2.2	3.3	2.9	2.3	2.5	2.3	-	3.9	5.6	1.8	3.8	b, hf	19
3.0	1.6	1.1	1.0	1.1	1.2	1.5	2.1	-	2.9	4.7	1.0	3.7	b, hf	20
4.6	3.5	2.8	2.5	1.8	1.5	1.6	1.7	-	-	-	-	-	c, m, hf	21
4.6	5.0	4.1	5.0	6.0	6.1	6.4	6.1	-	4.4	6.8	1.7	5.1	c, m, hf	22
6.5	5.3	5.8	4.8	3.6	5.2	6.3	6.2	-	4.9	10.2	2.7	7.5	o, r	23
5.2	4.6	4.1	3.3	3.4	4.2	5.2	5.8	-	5.4	8.9	3.1	5.8	c, r, s	24
4.8	4.4	4.0	3.7	3.5	3.4	5.4	6.9	-	4.6	7.4	3.2	4.2	c, hf	25
4.6	3.3	3.5	4.4	5.1	5.0	5.2	5.4	-	5.8	11.1	2.9	8.2	c	26
5.7	6.1	4.4	5.0	5.5	5.6	5.2	4.8	-	5.7	14.1	4.0	10.1	o, r, p	27
4.6	[3.3]	2.6	4.5	4.8	6.4	6.0	5.7	-	6.4	14.7	2.3	12.4	c, r, p, h	28
5.4	4.3	5.0	5.2	5.7	6.0	5.2	4.9	-	4.9	6.4	2.7	3.7	c, r, s	29
4.6	4.2	4.4	3.7	4.9	4.5	5.5	5.5	-	4.9	6.4	3.0	3.4	c, r	30
4.0	4.5	4.4	4.4	3.9	3.7	3.8	3.9	-	4.2	5.4	3.0	2.4	o, r	31
4.0	3.5	3.0	3.0	3.6	3.5	3.8	4.1	4.2						
4.3	3.7	3.4	3.5	3.8	4.0	4.4	4.7	4.5						

Avril - April

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	4.0	3.6	4.6	4.5	4.4	4.8	5.8	7.0	6.4	6.0	6.0	5.7	[6.8]	6.0	6.2	6.4	
2	7.7	8.5	7.7	8.1	9.4	7.5	7.5	7.9	7.8	7.3	6.2	5.8	5.4	5.6	7.7	9.0	
3	7.9	8.7	6.1	4.1	4.9	3.9	3.5	3.9	5.6	5.4	5.8	6.0	5.6	7.3	7.3	5.6	
4	9.5	8.7	9.7	8.4	8.7	8.1	7.7	7.6	7.2	7.0	[7.5]	6.6	[6.0]	5.8	5.6	6.4	
5	4.9	4.9	5.2	5.3	5.3	4.6	[4.2]	4.4	4.4	4.8	5.0	4.6	4.6	4.8	4.6	3.3	
6	3.9	4.2	4.5	4.6	4.1	4.4	4.4	4.5	4.6	4.4	4.4	4.5	4.5	4.8	4.8	5.4	
7	4.0	5.0	7.9	8.1	6.6	5.6	4.5	4.6	4.8	5.0	4.2	4.1	4.3	4.5	5.1	6.0	
8	6.6	5.8	5.8	5.6	4.6	4.7	5.4	6.5	5.2	4.8	4.4	4.6	4.1	4.3	4.4	5.0	
9	4.9	5.6	4.9	4.9	8.9	5.5	5.2	4.9	5.2	5.2	4.5	4.5	3.8	3.9	4.0	4.6	
10	3.3	3.2	3.2	3.3	3.1	2.7	[3.6]	3.5	4.6	4.1	4.6	5.2	5.2	5.4	5.9	5.4	
11	5.6	5.2	5.2	5.0	4.3	4.8	5.2	5.3	5.2	5.4	5.6	5.6	5.6	-	7.0	5.6	
12	5.4	5.8	6.5	6.4	6.7	5.6	4.4	4.9	6.4	6.0	5.8	6.6	6.2	5.8	6.0	5.2	
13	2.0	2.3	2.7	2.7	3.3	4.2	3.7	2.5	2.5	3.7	4.4	4.2	5.9	6.0	5.4	4.6	
14	6.8	6.2	7.0	6.8	6.1	5.8	5.4	6.2	5.6	5.6	6.1	6.2	5.7	4.9	5.3	5.0	
15	7.5	8.1	7.5	5.7	5.2	5.2	5.6	-	-	-	-	[6.4]	6.2	6.0	6.0	5.1	
16	4.8	6.2	7.4	3.5	4.5	3.9	5.1	4.7	4.6	5.0	4.6	4.7	4.1	4.8	4.7	5.3	
17	4.3	4.5	4.8	4.6	4.2	4.6	4.8	3.9	4.0	4.4	4.4	4.5	4.8	4.7	4.8	4.8	
18	9.4	9.0	8.3	7.9	7.0	7.0	7.2	6.2	6.6	7.0	6.8	6.4	6.6	5.4	4.9	5.4	
19	6.6	6.0	7.9	7.1	6.0	4.9	4.2	4.8	6.4	7.0	6.5	6.7	6.7	6.4	4.6	4.5	
20	5.2	5.2	5.0	4.6	3.5	4.2	3.9	4.4	4.5	4.9	5.8	6.2	6.2	6.0	6.1	5.5	
21	7.9	7.5	7.0	5.3	5.0	-	-	5.4	5.4	5.2	5.8	5.5	6.2	6.0	5.9	5.9	
22	6.4	6.8	6.9	7.5	7.3	6.2	4.8	5.4	5.4	5.5	5.4	5.2	5.3	5.5	4.2	3.7	
23	5.7	5.6	6.0	6.0	6.8	7.1	6.3	6.3	7.3	5.8	6.8	8.4	7.9	7.5	8.3	7.2	
24	12.0	>10.1	>13.5	10.6	8.6	7.9	7.5	6.3	7.4	6.8	3.4	5.2	4.2	4.7	4.1	3.3	
25	2.5	5.2	5.0	3.8	4.3	-	-	5.2	5.0	5.6	5.6	4.7	5.6	6.0	6.6	6.8	
26	3.3	3.7	3.7	[3.5]	-	-	-	5.6	5.2	4.6	4.1	4.1	4.0	3.9	3.9	3.9	
27	3.9	3.9	4.6	4.9	4.6	3.5	3.3	3.7	4.2	4.1	5.0	6.2	4.8	6.0	6.5	9.3	
28	3.5	3.4	4.1	5.2	4.7	4.1	5.0	5.2	5.0	5.5	5.8	5.7	6.0	5.0	5.0	5.6	
29	3.5	3.4	3.5	3.9	3.7	4.4	[4.4]	4.8	5.0	5.2	6.2	6.2	5.2	5.9	5.8	5.8	
30	5.0	5.3	5.4	4.7	5.0	4.9	4.7	4.7	4.4	4.7	5.0	4.8	4.6	4.8	4.8	5.4	
A	5.8	>6.2	>6.8	6.5	7.0	6.1	4.8	4.9	4.9	4.6	4.6	4.4	5.2	5.3	5.6	5.9	
N	5.6	>5.0	>6.1	5.6	5.5	5.2	5.1	5.2	5.4	5.4	5.4	5.5	5.4	5.4	5.5	5.5	

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
6.4	5.1	3.7	3.2	3.2	3.1	5.8	7.0	-	5.2	7.8	2.7	5.1	c, r	1
10.5	6.4	3.9	3.5	7.1	7.8	8.4	7.9	-	7.3	13.2	2.7	10.5	c, hf	2
6.2	6.8	6.4	6.0	6.6	6.8	8.5	9.4	-	6.2	11.5	2.9	8.6	o, r, m	3
6.3	6.8	3.5	2.4	1.4	1.5	2.0	4.6	-	6.2	10.2	1.2	9.0	c, r	4
2.8	3.1	3.2	3.9	2.8	3.1	3.1	3.7	-	4.2	8.7	1.7	7.0	o, r	5
5.3	4.1	2.5	1.8	3.3	3.9	4.3	5.0	-	4.3	6.0	1.6	4.4	c, r	6
5.7	5.0	3.9	3.9	4.8	6.0	7.4	7.0	-	5.3	8.7	3.1	5.6	o, r	7
5.1	4.1	2.7	2.2	4.6	4.7	4.9	6.3	-	4.8	9.0	1.8	7.2	o, r	8
4.6	4.3	4.8	3.7	4.1	3.1	2.7	2.8	-	4.6	9.6	2.3	7.3	o, r	9
5.3	4.4	3.0	3.3	4.8	5.6	5.7	6.4	-	4.4	7.0	2.3	4.7	c, r, hf	10
4.4	2.5	1.6	2.0	2.2	2.6	3.3	3.9	-	-	-	-	-	c, l, r, m	11
3.5	2.8	2.3	1.9	1.8	1.7	2.0	1.8	-	4.6	7.7	1.5	6.2	c, r	12
4.4	4.8	5.2	5.4	5.9	6.0	6.7	7.0	-	4.4	7.9	1.7	6.2	c	13
4.1	3.6	3.3	4.0	4.6	6.5	7.5	6.7	-	5.6	10.2	2.8	7.4	o, d, m	14
4.9	4.1	[4.1]	5.0	4.8	4.0	3.8	5.7	-	-	-	-	-	o, d, r	15
4.3	3.5	3.4	3.4	3.7	3.5	3.8	4.2	-	4.5	8.5	2.5	6.0	o, l, r, m	16
5.0	5.4	5.6	5.6	6.4	7.2	7.9	8.2	-	5.1	9.0	2.6	6.4	o, r, m	17
5.3	3.8	3.1	2.8	3.3	5.0	5.4	7.5	-	6.1	11.0	2.3	8.7	o	18
4.1	4.3	3.3	1.8	1.8	1.8	2.0	3.1	-	4.9	8.7	1.5	7.2	o, r	19
6.0	5.3	5.2	6.1	7.4	7.7	7.9	7.9	-	5.6	11.3	3.1	8.2	o, r	20
5.8	5.6	5.4	4.7	5.6	6.0	6.5	6.8	-	-	-	-	-	o	21
(>8.1)	(>6.0)	5.8	5.5	5.1	4.8	5.4	5.9	-	(>5.8)	(>14.7)	3.1	(>11.6)	c, t, r	22
7.8	8.1	8.0	7.5	9.7	7.4	6.3	11.5	-	7.3	13.3	4.6	8.7	c	23
3.2	2.8	3.7	4.6	5.0	5.0	4.5	5.2	-	>6.3	>14.7	2.0	>12.7	o, s	24
7.3	6.9	4.1	2.6	2.4	3.2	5.0	4.4	-	-	-	-	-	c, s	25
4.3	4.8	4.3	3.7	5.0	4.8	5.4	4.8	-	-	-	-	-	b, hf	26
7.3	6.0	4.1	2.5	1.7	1.8	2.3	3.2	-	4.5	12.9	1.4	11.5	o, r	27
6.0	6.2	6.3	5.2	4.7	4.8	4.7	4.0	-	5.0	7.9	2.9	5.0	c, r	28
5.4	4.0	2.6	2.3	3.3	3.7	5.0	5.1	-	4.5	6.8	1.9	4.9	c, hf	29
5.9	6.0	3.7	2.3	4.5	5.6	7.1	7.5	5.0	5.0	7.7	2.2	5.5	b	30
6.5	5.6	4.2	3.4	4.3	4.5	5.0	5.9	5.2	-	-	-	-	-	-
>5.5	>4.9	4.1	3.8	4.4	4.6	5.2	5.8	5.2	-	-	-	-	-	-

Mai - May

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	7.4	7.6	10.4	11.4	8.3	6.0	5.4	5.3	5.4	5.4	5.7	4.9	4.8	5.6	5.8	6.2	
2	8.4	7.7	8.5	8.0	6.8	5.7	5.6	6.0	6.0	6.4	6.8	6.8	7.0	7.0	6.9	7.0	
3	8.5	8.3	9.6	9.0	7.9	6.5	6.6	5.8	5.5	5.8	-	-	-	-	-	6.4	
4	10.6	11.6	12.1	[9.5]	8.3	-	9.0	7.9	7.5	7.3	[7.1]	[7.7]	-	-	4.5	4.7	
5	5.2	-	-	6.8	5.7	5.6	5.5	6.6	7.7	7.4	6.8	7.5	7.3	7.3	7.0	8.1	
6	2.4	1.9	2.4	3.0	4.5	5.6	6.0	6.4	5.6	5.6	5.6	5.9	6.1	6.6	6.4	6.4	
7	7.9	7.5	7.3	5.8	5.6	6.1	6.2	7.5	6.2	4.0	5.5	6.4	5.4	5.0	5.6	6.2	
8	8.4	7.0	8.1	6.1	6.0	6.2	[6.6]	6.2	6.4	6.5	6.8	7.1	7.3	6.6	7.4	7.7	
9	6.8	7.7	8.4	7.7	6.9	6.2	5.9	6.3	6.6	6.8	7.0	7.0	[7.6]	[7.8]	7.4	7.5	
10	4.4	5.3	5.7	5.6	6.6	5.8	6.3	5.7	6.4	7.7	7.7	[8.1]	8.1	8.1	8.2	7.3	
11	(8.1)	9.0	8.7	8.5	6.7	6.2	6.4	6.2	6.1	-	-	-	-	-	-	3.7	
12	6.2	5.8	5.1	4.9	4.7	4.1	4.0	5.0	6.0	-	-	-	-	-	-	-	
13	5.6	4.6	4.6	4.1	3.5	4.4	[4.7]	4.6	4.4	4.4	4.4	4.4	4.1	4.4	4.6	4.8	
14	5.2	5.4	3.7	3.5	4.0	4.4	5.2	5.2	5.4	5.6	6.2	5.0	4.8	4.6	4.3		
15	2.7	3.6	3.7	4.0	4.4	4.8	5.6	6.6	7.6	6.3	6.4	6.8	7.7	7.7	7.1	6.0	
16	2.5	2.6	3.1	3.1	3.4	3.5	4.0	3.9	3.9	4.0	4.4	4.6	4.4	4.2	4.5	4.6	
17	4.6	4.8	4.2	3.1	4.4	5.8	4.9	5.6	6.6	6.0	5.0	4.5	5.3	4.8	5.4	5.9	
18	-	-	-	-	-	-	4.8	4.4	4.3	4.6	[4.8]	5.0	4.8	4.7	4.8	5.2	
19	6.1	6.6	6.3	5.6	5.6	5.6	5.2	[5.1]	[5.1]	5.2	5.2	4.8	4.4	3.8	4.9	5.2	
20	9.0	9.6	8.3	8.0	8.1	7.9	7.6	5.6	4.4	4.5	5.4	4.8	>8.7	8.0	7.3	6.4	
21	-	-	-	-	-	5.8	5.2	4.8	4.8	4.6	4.6	4.6	4.6	4.6	4.8	4.8	
22	3.0	3.5	3.5	-	-	-	[3.9]	4.2	4.8	4.8	4.8	4.8	5.6	6.0	6.4	6.1	
23	3.8	4.4	4.6	6.0	8.8	6.3	5.0	3.9	4.4	4.4	3.9	5.2	5.4	5.0	5.0	4.2	
24	3.7	4.0	4.2	4.4	-	-	4.6	5.2	-	-	-	-	4.9	5.0	4.8	4.9	
25	6.0	5.6	4.6	4.6	5.2	4.9	4.6	5.0	5.2	4.8	4.8	4.6	4.3	4.2	4.4	4.6	
26	9.3	8.4	7.4	6.7	6.2	6.0	6.0	6.2	5.6	5.4	5.5	5.6	4.8	3.8	4.1	4.6	
27	6.9	(7.0)	7.5	6.8	5.8	5.7	5.8	5.3	5.3	5.4	[5.6]	5.1	5.7	5.6	5.8	5.9	
28	6.2	5.2	5.0	5.2	6.0	6.6	6.6	6.7	5.6	5.2	5.4	4.6	4.6	4.6	4.8	5.7	
29	8.3	8.2	8.5	7.6	7.3	7.0	[5.8]	5.0	6.5	6.2	6.2	6.5	6.0	5.4	5.8	5.5	
30	5.2	4.4	4.0	4.3	4.2	4.8	4.6	4.9	5.0	5.0	5.0	5.2	5.4	5.0	4.7	4.3	
31	3.5	3.3	3.9	3.7	4.1	4.6	4.4	4.4	4.6	4.6	4.4	3.7	4.2	4.2	4.2	3.9	
A	6.4	6.7	7.0	6.8	6.7	6.0	5.7	5.6	5.2	5.1	5.6	5.7	5.9	5.7	6.0	6.3	
N	6.1	6.1	6.2	6.0	5.9	5.6	5.5	5.5	5.6	5.5	5.6	5.6	>5.7	5.5	5.6	5.6	

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
6.5	6.4	5.8	6.3	7.0	7.9	8.4	7.9	—	6.7	11.9	4.5	7.4	c	1
7.0	6.7	6.4	5.2	5.0	5.8	6.6	7.9	6.7	6.7	9.2	4.7	4.5	c	2
5.6	5.8	7.0	7.5	8.3	9.4	10.4	10.7	—	—	—	—	—	o, r	3
4.0	3.7	2.9	2.9	2.9	3.1	3.7	3.9	—	—	—	—	—	o, r	4
9.8	9.8	4.8	3.3	2.3	2.4	2.9	2.9	—	—	—	—	—	c	5
6.4	5.9	3.7	3.5	4.4	6.6	7.1	7.8	5.2	5.2	10.0	1.6	8.4	c	6
7.7	8.7	6.0	3.8	4.2	7.3	8.6	9.0	—	6.4	11.9	3.5	8.4	c	7
7.8	7.2	[7.3]	[6.0]	6.6	7.0	6.9	7.0	—	6.9	9.7	4.8	4.9	c, r, l	8
7.1	6.9	4.8	3.1	2.7	2.7	3.0	3.7	—	6.2	9.7	2.5	7.2	c	9
6.6	6.5	5.8	5.5	6.4	6.9	(7.8)	6.7	—	6.6	(10.2)	4.0	(6.2)	c	10
3.8	3.2	2.7	2.7	2.5	3.3	4.8	3.7	—	—	—	—	—	o, r, l, m	11
6.0	5.4	5.0	5.5	5.9	6.0	5.0	5.2	—	—	—	—	—	o, r	12
5.0	4.9	4.0	4.6	5.2	5.7	4.7	4.9	—	4.6	6.4	3.3	3.1	o, m	13
4.8	3.9	4.0	2.8	2.2	2.5	2.5	2.4	—	4.3	6.4	1.6	4.8	o, r, m	14
4.1	3.1	3.1	3.3	3.5	3.0	3.5	3.3	—	4.9	10.4	2.3	8.1	o, r, m	15
4.6	4.1	4.4	4.4	4.6	5.1	6.5	3.2	—	4.1	13.9	2.0	11.9	o, r, m	16
5.8	6.7	[5.6]	6.6	—	—	—	—	—	—	—	—	—	c, r	17
4.8	4.0	4.1	5.0	5.0	5.2	6.0	6.2	—	—	—	—	—	c, r	18
6.3	6.2	5.8	5.7	6.5	7.0	7.4	8.0	—	5.7	9.6	3.3	6.3	c	19
8.7	6.4	5.4	10.0	8.2	7.3	7.9	—	—	—	—	—	—	o, r, t	20
5.8	5.2	4.9	4.1	3.8	3.5	3.1	3.3	—	—	—	—	—	c, r	21
8.5	5.6	4.1	3.9	4.4	4.8	4.4	3.7	—	—	—	—	—	c	22
5.5	7.2	5.6	5.4	5.6	4.1	3.5	3.5	—	5.0	12.6	1.7	10.9	c, r, l	23
5.9	6.8	5.4	5.0	5.0	5.2	6.6	6.0	—	—	—	—	—	b	24
5.1	6.4	6.0	5.6	5.6	5.2	5.8	6.1	—	5.1	7.4	3.8	3.6	o, r	25
4.7	4.9	5.4	5.4	6.0	6.8	7.0	7.0	—	6.0	13.4	3.5	9.9	o, r	26
6.4	6.8	6.4	6.2	6.6	6.4	6.4	6.6	—	6.1	10.2	4.8	5.4	o, r	27
4.7	6.1	8.1	6.0	6.0	6.8	7.7	8.2	—	5.9	9.4	2.9	6.5	c, r, l	28
5.6	5.0	4.1	3.7	4.8	5.8	6.0	5.8	—	6.1	9.1	3.3	5.8	c, r, m	29
4.4	4.2	4.4	3.1	2.9	2.9	3.3	4.4	—	4.4	6.6	2.3	4.3	o, r	30
4.6	5.2	4.1	3.3	3.5	3.9	3.8	3.5	—	4.1	5.6	2.6	3.0	c, r	31
6.7	6.5	5.3	4.9	5.1	5.5	5.8	6.0	5.9						
5.9	5.8	5.1	4.8	4.9	5.3	5.7	5.6	5.6						

Juin - June

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	4.1	3.9	3.9	4.1	4.8	5.4	5.6	5.9	6.0	5.8	5.5	6.0	5.2	5.4	5.4	5.4	5.4
2	4.6	4.4	4.1	4.3	4.6	5.2	5.8	6.0	6.2	-	-	-	-	-	[4.8]	5.4	5.4
3	2.7	3.0	3.2	3.4	2.6	3.4	4.6	5.2	5.6	5.6	5.5	5.6	5.6	5.6	5.6	5.6	5.4
4	4.4	4.6	4.7	5.2	5.6	5.6	5.4	5.4	5.6	5.8	5.6	5.5	5.6	5.6	5.6	5.8	5.8
5	7.7	7.3	6.8	6.6	6.2	5.8	5.5	5.6	5.5	5.2	5.3	4.8	4.8	4.6	(4.8)	4.9	4.9
6	8.2	7.3	7.4	6.4	6.1	6.0	5.8	5.4	4.3	4.0	4.7	5.4	5.8	6.0	6.4	6.8	6.8
7	7.6	7.7	7.8	8.3	7.0	6.6	6.0	5.7	5.5	5.4	5.3	5.4	5.1	5.6	5.4	5.1	5.1
8	-	-	-	-	-	-	-	-	[5.7]	5.2	5.2	5.4	5.7	5.4	5.7	4.8	4.8
9	5.7	5.6	6.8	7.0	7.8	6.3	6.4	6.0	5.6	4.8	3.7	3.5	3.5	3.8	5.3	6.1	6.1
10	[8.4]	-	-	-	-	-	6.4	6.2	-	4.9	5.2	5.4	5.6	5.5	5.4	5.4	5.4
11	10.0	-	-	-	-	7.2	6.4	6.2	6.5	6.6	6.5	5.6	5.6	5.7	5.8	8.1	8.1
12	-	-	-	-	-	6.6	5.5	(5.0)	-	-	8.5	6.3	6.3	6.8	7.1	6.1	6.1
13	7.9	8.4	8.3	7.7	7.0	6.4	6.4	6.3	5.0	4.5	4.4	6.0	4.1	4.3	4.1	5.2	5.2
14	1.8	1.7	1.6	1.8	1.8	2.0	3.3	4.4	5.3	5.8	6.0	6.0	6.2	6.4	6.2	7.0	7.0
15	3.5	4.2	4.6	(4.1)	3.9	5.0	4.8	4.5	5.0	5.3	5.4	5.7	5.4	6.8	6.6	6.0	6.0
16	7.6	10.2	9.6	7.8	6.5	6.8	6.2	6.4	6.2	6.4	6.4	>9.1	6.3	6.6	6.3	5.8	5.8
17	7.3	7.1	6.4	6.8	6.4	4.8	4.6	4.9	4.4	4.2	4.1	7.0	7.8	7.7	6.4	6.2	6.2
18	3.3	2.9	3.0	3.2	4.2	4.4	4.0	4.8	5.1	5.2	5.0	4.9	5.9	5.8	6.1	6.2	6.2
19	3.7	3.8	3.9	4.2	3.9	3.9	4.7	6.0	-	4.1	3.7	4.4	5.0	4.6	4.8	6.0	6.0
20	2.5	3.0	4.0	5.1	5.2	4.7	4.7	4.9	(5.2)	4.6	3.7	3.5	4.4	4.3	5.0	5.0	5.0
21	6.4	6.1	5.9	5.8	5.0	4.6	4.1	4.2	4.1	4.0	4.8	5.1	5.2	3.2	4.0	5.0	5.0
22	6.6	6.6	5.9	5.7	4.9	4.8	4.1	3.8	3.6	3.6	3.8	3.9	3.7	3.9	5.0	4.8	4.8
23	5.4	5.0	4.6	4.4	4.6	4.6	4.7	4.8	4.2	3.5	3.7	3.7	5.0	9.6	6.7	5.3	5.3
24	3.5	2.8	2.9	3.1	3.4	3.2	3.1	3.3	3.6	3.7	4.0	3.6	3.8	6.9	6.0	5.7	5.7
25	3.5	3.0	2.8	4.3	4.3	3.8	2.9	3.3	3.0	4.0	4.4	3.7	3.9	4.3	4.1	4.7	4.7
26	7.3	7.8	7.8	8.6	7.7	6.9	6.4	6.4	7.3	6.8	7.0	7.1	6.9	6.4	6.6	7.0	7.0
27	5.2	5.9	-	-	-	-	-	-	5.4	5.9	5.8	6.5	8.3	7.5	6.9	7.0	7.0
28	1.5	1.6	1.8	2.6	2.5	3.9	6.6	7.2	6.8	6.3	7.0	6.2	5.9	7.5	6.6	6.2	6.2
29	3.5	2.7	2.9	3.0	3.8	4.9	6.2	7.3	5.9	4.0	3.8	6.7	5.3	5.0	4.1	6.3	6.3
30	3.3	(2.8)	3.0	2.9	3.0	3.1	3.8	4.5	4.7	5.5	6.2	7.5	7.4	7.7	7.0	7.5	7.5
A	5.6	5.3	5.1	5.4	5.2	5.4	5.3	5.4	5.2	4.7	5.0	5.2	5.0	4.8	5.7	5.7	5.7
N	5.3	5.0	4.9	5.1	4.9	5.0	5.1	5.3	5.2	5.0	5.2	>5.5	5.5	5.8	5.7	5.8	5.8

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
6.2	6.7	6.1	4.6	3.7	3.9	4.1	4.2	-	5.1	7.7	3.2	4.5	c	1
5.8	5.4	5.0	3.6	3.0	3.0	2.8	2.5	-	-	-	-	-	o, r	2
5.5	6.2	5.9	4.2	3.0	2.8	2.8	3.7	-	4.4	7.0	2.3	4.7	c	3
5.8	6.4	6.5	5.8	6.6	7.0	7.3	7.0	-	5.8	7.8	4.0	3.8	c	4
4.8	4.6	4.3	4.8	5.6	6.5	7.3	7.2	-	5.7	7.9	4.1	3.8	c	5
6.8	6.2	(4.8)	5.0	6.2	6.3	6.2	6.9	-	6.0	8.8	3.8	5.0	b	6
-	4.2	4.5	4.3	3.9	3.7	3.8	-	-	-	-	-	-	c, r, t	7
5.2	7.3	6.2	4.4	3.6	4.1	4.8	5.5	-	-	-	-	-	c, r, l	8
6.8	9.6	7.9	5.0	4.6	5.0	7.2	7.7	-	5.9	14.0	3.3	10.7	c	9
5.8	5.6	5.9	5.9	6.4	6.6	7.8	8.3	-	-	-	-	-	c	10
7.6	-	-	-	-	-	-	-	-	-	-	-	-	c, r, l	11
5.7	6.4	[7.2]	7.7	7.9	7.8	-	8.0	7.8	-	-	-	-	c	12
4.1	3.3	(2.7)	2.4	2.3	2.0	2.0	1.9	-	4.9	14.3	1.6	12.7	c, r, t	13
>10.0	5.4	3.2	2.4	2.4	2.5	3.3	4.4	-	>4.2	>14.7	1.4	>13.3	o, r, t	14
5.6	4.8	5.9	5.9	5.6	5.3	7.2	6.2	-	5.3	9.0	3.1	5.9	o, r, l	15
6.8	6.6	5.8	6.4	5.7	6.0	6.8	6.8	-	>6.9	>14.7	3.9	>10.8	o, r, t	16
6.6	6.3	5.9	7.4	5.8	3.9	3.3	3.4	-	5.8	12.4	2.9	9.5	o, r	17
5.9	5.3	5.4	5.2	4.7	4.4	4.2	3.7	-	4.7	7.0	2.3	4.7	b	18
5.7	6.9	5.6	3.5	2.1	2.0	2.5	2.8	-	-	-	-	-	b	19
5.0	5.2	6.6	4.6	4.6	5.0	6.6	6.5	-	4.7	9.0	2.2	6.8	c, r	20
5.8	7.5	7.0	4.8	2.6	2.5	3.9	7.2	5.0	5.0	10.8	2.0	8.8	c	21
4.9	6.2	5.8	4.4	2.7	2.0	2.6	4.8	4.5	4.5	7.5	1.8	5.7	c	22
4.6	3.6	2.2	2.2	2.6	2.6	2.5	2.8	-	4.3	11.5	1.5	10.0	o, r, t, m	23
6.0	6.0	5.0	3.5	3.5	3.6	3.7	3.2	-	4.0	7.7	2.0	5.7	o, r	24
5.1	6.8	6.8	6.2	6.0	7.4	6.7	6.9	-	4.7	8.4	2.5	5.9	o, r	25
5.2	6.4	6.4	3.4	2.3	2.1	2.7	4.0	-	6.1	12.1	1.8	10.3	c	26
7.0	8.2	6.2	3.1	2.1	1.9	1.6	1.4	-	-	-	-	-	c, r	27
6.0	6.4	4.6	3.5	3.3	3.0	2.8	2.4	-	4.7	12.3	1.4	10.9	c, r, t	28
6.4	5.5	4.7	4.4	4.5	3.7	3.5	3.1	-	4.6	9.2	1.8	7.4	c, r, t	29
7.3	5.5	4.0	2.5	2.7	2.5	2.5	2.4	-	4.6	10.7	2.0	8.7	c, r, f, m	20
5.9	6.5	6.0	4.7	4.2	4.1	4.7	5.3	5.2	-	-	-	-	-	-
>6.0	6.0	5.5	4.5	4.1	4.1	4.5	4.8	5.2	-	-	-	-	-	-

Juillet - July

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		2.6	3.4	3.4	4.1	4.8	5.6	5.8	6.1	5.3	4.0	5.8	5.4	6.3	>7.9	5.0	4.6	
2		4.4	4.4	4.1	4.4	4.8	4.8	5.0	4.2	3.9	3.7	4.0	4.4	4.0	4.9	5.6	5.8	
3		2.6	2.6	2.8	3.3	3.9	3.4	3.4	3.9	3.8	4.3	4.8	4.5	4.6	4.8	4.6	5.2	
4		6.4	6.0	5.2	4.6	4.0	3.7	3.7	3.5	3.3	3.7	3.9	3.7	3.9	4.4	4.0	4.0	
5		3.5	3.5	2.7	3.0	4.3	4.5	6.6	5.6	4.1	3.7	4.0	4.2	4.6	5.2	5.8	6.4	
6		3.1	3.1	3.3	3.5	4.1	4.4	5.0	5.7	5.4	5.6	6.0	6.2	5.6	5.0	5.4	5.3	
7		3.3	3.4	3.4	5.0	6.1	5.2	5.0	4.0	4.6	4.3	4.3	4.6	3.9	6.0	5.4	4.8	
8		3.5	3.3	4.5	4.8	5.6	4.6	4.0	3.3	3.6	4.4	4.1	4.2	4.3	4.1	4.7	4.4	
9		2.9	3.3	3.5	4.2	4.4	4.8	4.8	5.0	4.4	3.9	3.7	3.3	3.1	3.1	2.9	3.1	
10		8.2	7.7	6.3	7.2	6.8	6.1	6.2	6.2	6.4	6.6	6.7	6.7	6.9	7.4	7.5	7.3	
11		6.2	5.4	4.8	5.0	6.8	7.3	6.3	7.3	8.1	8.0	6.8	7.8	7.8	7.7	6.7	7.1	
12		7.0	7.3	6.0	5.1	4.7	-	4.8	4.6	4.1	4.4	4.8	4.8	4.8	4.7	3.6	3.7	
13		5.6	6.2	6.5	6.6	6.3	5.4	5.2	5.7	-	5.6	[6.0]	5.8	6.1	6.0	4.8	4.8	
14		8.8	9.0	9.0	8.3	7.2	6.9	6.6	6.2	6.1	6.4	6.2	6.1	5.6	7.0	6.8	7.3	
15		7.9	7.7	7.3	5.1	5.8	5.9	6.3	6.5	6.6	6.4	6.5	6.7	6.2	6.0	6.0	6.3	
16		8.7	6.8	7.9	7.5	7.2	7.5	7.0	7.0	7.0	6.8	7.0	7.0	6.4	6.6	7.0	7.8	
17		10.2	9.8	9.1	6.4	6.8	6.0	[6.6]	7.0	8.1	9.0	8.4	8.1	8.1	8.3	9.0	9.0	
18		9.2	10.2	9.4	>10.1	8.1	6.4	6.7	7.7	7.2	8.1	8.2	8.2	8.0	6.8	7.8	7.7	
19		8.2	7.0	7.2	8.5	8.0	6.8	6.6	7.0	6.9	7.3	7.5	7.5	7.8	8.3	7.5	7.9	
20		6.6	7.3	7.7	7.7	7.9	7.0	6.5	7.0	7.0	7.3	8.1	7.4	7.0	6.5	6.0	6.8	
21		7.4	7.6	5.6	6.0	8.6	6.9	5.7	5.8	6.2	-	6.7	6.4	>7.0	6.8	8.4	6.6	
22		4.3	4.8	5.7	7.4	8.4	8.2	7.3	7.4	7.3	7.0	2.3	6.4	5.7	4.1	6.5	6.8	
23		11.0	10.2	9.6	9.2	8.5	7.6	7.2	6.2	6.4	7.0	7.6	7.2	7.4	8.3	7.9	8.3	
24		4.5	4.8	4.3	5.1	6.7	6.3	5.4	5.6	6.2	7.2	7.3	7.6	7.5	8.0	7.9	7.7	
25		5.8	5.8	5.1	6.1	6.1	5.4	4.9	7.2	8.1	8.1	7.9	7.9	7.5	7.0	6.4	8.0	
26		7.7	7.5	8.1	7.9	7.2	6.5	6.2	-	-	-	-	-	-	-	-	5.3	
27		7.5	9.1	10.6	9.8	10.2	9.4	7.8	6.6	6.5	5.6	5.6	5.8	5.6	5.7	4.4	4.8	
28		6.8	6.7	5.2	5.8	5.0	6.8	7.3	7.7	7.5	8.7	8.5	7.2	6.0	4.5	4.8	6.2	
29		6.2	6.4	8.1	8.1	7.0	6.7	6.4	6.1	6.2	5.8	6.7	7.3	6.7	7.0	6.7	7.0	
30		6.6	6.4	8.7	7.5	8.5	6.8	6.5	5.8	5.4	5.0	4.5	4.4	4.1	4.5	5.0	5.6	
31		-	-	-	-	-	-	-	-	[5.0]	4.5	4.4	4.8	5.0	5.2	5.0	4.8	
A		6.3	6.2	6.2	>6.5	6.7	6.2	5.9	6.1	6.2	6.7	6.7	6.6	6.3	6.2	6.4	6.5	
N		6.2	6.2	6.2	>6.2	6.5	6.1	5.9	5.9	5.9	5.9	5.9	6.1	>5.9	>6.1	6.0	6.1	

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
4.6	4.6	4.6	4.6	3.8	4.1	4.6	4.5	-	>4.8	>14.7	2.2	>12.5	c, r, t	1
5.6	5.2	5.6	4.4	3.5	3.0	3.3	2.9	-	4.4	7.0	2.5	4.5	c, r	2
5.2	5.0	5.8	4.4	6.2	6.0	5.2	5.6	-	4.4	8.2	1.9	6.3	c, r	3
4.8	4.2	4.6	-	3.9	3.9	3.4	3.4	-	-	-	-	-	c, r	4
6.8	7.9	7.1	4.8	(4.0)	3.7	3.8	3.7	-	4.7	10.0	2.0	8.0	c	5
6.2	6.8	5.0	3.8	2.3	1.7	1.9	2.5	4.5	4.5	11.2	1.2	10.0	c	6
4.8	6.2	6.0	6.4	6.2	5.4	5.4	4.4	-	4.9	10.4	2.7	7.7	c, r, t	7
4.5	4.5	4.4	4.7	4.6	3.9	-	2.7	-	-	-	-	-	c	8
3.5	4.4	4.5	3.7	3.4	3.8	4.1	6.4	3.9	3.9	8.1	2.7	5.4	c	9
7.7	7.7	5.9	5.2	4.0	4.8	5.8	6.1	6.6	6.6	10.3	3.9	6.4	b	10
6.8	7.3	7.2	6.8	6.8	6.2	5.7	6.2	-	6.8	9.1	2.5	6.6	c, r	11
4.6	5.9	5.8	5.8	5.2	4.2	4.1	4.9	-	-	-	-	-	c, r, d, m	12
5.9	5.9	6.0	5.5	6.6	7.0	7.6	8.4	-	-	-	-	-	c, d, m	13
7.0	6.9	6.5	5.4	5.8	5.4	6.6	7.7	-	6.9	11.1	4.4	6.7	c	14
6.0	6.0	4.4	5.4	6.6	7.7	7.9	8.1	-	6.5	9.6	3.3	6.3	c, l	15
7.4	8.4	7.7	6.8	6.0	8.3	9.3	9.7	-	7.4	11.3	5.6	5.7	c, r, l	16
9.3	9.6	10.0	-	-	-	8.7	8.8	-	-	-	-	-	b	17
7.5	8.3	9.5	6.4	6.4	6.2	6.9	7.6	>7.9	>7.9	>14.7	5.8	>8.9	b	18
8.1	8.6	8.0	6.0	5.4	4.8	5.4	6.4	-	7.2	11.7	4.6	7.1	c	19
7.0	7.7	6.8	7.5	6.8	4.7	4.1	5.9	-	6.8	10.0	3.2	6.8	c, r	20
5.7	5.8	5.0	2.5	2.5	2.8	4.0	4.1	-	-	-	-	-	c, r, t, m	21
6.6	9.2	9.4	7.5	7.0	7.3	9.3	10.2	-	6.9	12.5	1.1	11.4	c, r, l	22
>10.4	8.2	8.6	6.7	6.1	4.6	4.6	4.2	>7.6	>7.6	>14.7	3.3	>11.4	b	23
8.6	8.5	8.7	5.6	4.6	5.0	5.8	6.3	6.5	6.5	10.1	3.5	6.6	b	24
8.6	11.3	7.8	6.6	8.0	7.0	7.6	7.0	7.1	7.1	13.5	4.0	9.5	c	25
6.4	7.2	7.1	(5.4)	6.8	8.1	7.9	7.6	-	-	-	-	-	c, r, l	26
5.2	5.2	4.3	4.1	4.1	5.0	5.0	4.8	-	6.4	11.4	2.6	8.8	c, r	27
6.3	5.2	3.8	3.4	3.6	4.7	5.3	6.6	-	6.0	9.6	3.1	6.5	c, r, l	28
7.4	8.4	5.4	6.2	8.1	9.0	7.5	6.4	-	7.0	12.8	4.6	8.2	c	29
6.2	7.3	7.7	6.6	5.5	-	-	-	-	-	-	-	-	c	30
5.8	5.4	5.2	5.5	4.6	>9.0	7.3	7.0	-	-	-	-	-	c, t	31
>7.0	7.4	6.8	5.5	5.3	5.2	6.0	6.2	6.3	-	-	-	-	-	-
>6.5	6.9	6.4	5.4	5.3	>5.4	5.8	6.0	6.0	-	-	-	-	-	-

Août - August

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		6.2	6.7	4.9	4.1	4.8	7.2	5.4	4.8	5.0	6.9	7.3	7.3	7.6	6.6	6.6	5.8	
2		8.9	9.6	9.4	8.3	7.7	7.6	6.9	6.4	5.6	6.6	7.0	7.1	7.1	6.2	6.8	8.0	
3		5.4	7.7	8.7	5.0	4.5	4.7	5.6	5.8	5.8	5.2	4.6	4.6	4.4	4.3	4.2	4.2	
4		5.4	4.8	4.6	4.6	4.0	4.1	4.6	4.8	3.7	3.9	[5.0]	5.8	5.8	5.5	6.4	5.4	
5		9.7	9.8	8.5	8.3	7.5	6.2	5.7	(5.1)	(4.7)	[3.7]	3.3	3.7	3.9	3.9	4.0	3.9	
6		1.6	2.0	2.3	2.3	2.7	3.7	3.3	4.0	4.2	4.4	4.6	4.9	5.9	6.2	6.4	6.6	
7		5.4	5.7	8.1	7.9	7.1	7.2	6.7	7.0	6.4	4.8	4.1	4.1	3.7	5.4	5.3	5.2	
8		4.1	3.1	3.7	4.1	4.4	4.1	5.0	6.2	6.8	6.6	6.2	6.7	3.1	5.6	4.5	6.8	
9		3.3	3.6	3.3	3.5	3.5	5.4	5.2	4.4	5.7	6.8	6.2	5.8	5.9	6.0	6.6	6.2	
10		5.0	4.3	3.9	4.1	5.2	5.2	3.9	4.4	4.6	5.0	5.5	6.2	4.0	5.2	4.2	3.5	
11		1.9	1.9	2.4	2.2	3.1	4.9	5.5	5.7	5.8	5.2	5.2	5.8	6.0	5.7	5.2	4.8	
12		7.0	5.6	5.1	5.0	5.4	6.4	6.0	5.8	5.6	5.8	5.6	5.4	4.8	4.1	5.0	5.4	
13		3.1	4.0	4.4	5.2	5.6	7.6	7.4	7.7	7.8	7.6	8.0	6.6	7.0	7.2	7.8	8.1	
14		5.8	6.0	4.6	5.4	6.1	6.8	6.6	6.7	6.2	6.4	6.4	6.2	6.1	5.6	5.2	5.6	
15		8.5	7.9	7.5	7.4	7.5	6.6	5.3	4.1	5.4	5.9	6.0	5.8	5.5	[5.7]	5.2	5.6	
16		7.5	8.6	7.7	6.8	7.1	6.6	6.1	6.0	5.7	5.6	6.0	5.5	5.1	4.8	4.4	5.2	
17		13.2	9.0	10.9	10.2	9.2	6.6	5.3	5.6	6.2	5.6	5.5	4.6	4.2	4.8	4.6	5.2	
18		8.4	7.5	-	6.6	9.4	7.1	5.3	5.7	-	[4.0]	3.9	4.6	5.3	5.0	5.0	5.4	
19		4.4	4.1	4.4	3.7	3.9	3.8	4.3	5.3	5.4	5.0	4.7	5.4	5.0	4.7	4.8	4.7	
20		4.6	4.8	4.6	4.6	4.2	3.4	3.9	5.7	5.4	7.4	7.5	7.5	7.0	7.7	8.1	7.9	
21		7.5	8.1	9.3	9.6	8.7	(>8.3)	7.1	8.7	7.8	7.2	6.8	6.0	6.6	7.8	7.4	7.4	
22		8.3	7.0	5.8	6.5	6.4	7.0	5.4	5.1	5.7	6.6	7.2	8.7	7.2	6.3	9.3	7.3	
23		8.8	9.3	9.2	9.2	7.9	7.9	7.3	6.8	6.6	6.4	6.6	5.9	5.7	6.3	5.4	5.8	
24		3.9	3.9	4.4	4.4	3.7	4.8	4.9	4.8	4.9	4.7	4.8	[5.6]	5.4	5.6	3.9	4.1	
25		3.4	3.7	3.9	3.7	3.0	3.1	3.6	4.4	4.9	5.0	5.2	5.1	5.0	5.6	6.0	5.8	
26		3.5	4.0	3.7	3.7	4.0	4.6	3.8	4.6	[5.0]	5.6	5.3	5.6	5.8	5.2	5.4	5.6	
27		7.0	6.9	8.4	7.5	8.5	8.0	8.1	7.9	7.9	7.7	7.3	6.4	6.2	6.4	8.3	8.7	
28		6.6	5.2	5.3	4.1	4.0	4.7	4.9	5.4	5.1	5.0	6.1	7.6	7.5	6.4	5.4	6.1	
29		3.9	3.7	4.6	3.3	3.2	2.7	3.3	3.5	3.7	5.4	5.9	5.0	4.2	5.6	5.2	6.3	
30		3.5	4.0	4.1	3.0	3.5	4.1	6.4	8.7	8.3	7.5	7.4	5.9	4.1	4.7	4.6	4.4	
31		4.6	5.9	6.4	6.4	6.4	-	5.2	6.7	6.4	7.6	8.2	6.2	7.3	8.0	7.8	7.9	
A		5.0	5.2	4.8	4.9	5.2	5.8	5.3	5.3	5.7	5.7	5.4	5.4	5.6	5.6	5.7	5.7	
N		5.8	5.8	5.8	5.5	5.6	>5.7	5.4	5.7	5.7	5.8	5.9	5.9	5.6	5.7	5.8	5.9	

1972

(POSITIVE) $\times 10^{15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
6.7	7.1	6.4	4.5	4.5	5.4	6.4	7.3	-	6.1	9.5	3.2	6.3	a, r, d	1
8.7	>10.6	7.0	4.4	3.5	>10.0	>9.8	>8.6	-	>7.6	>14.7	2.6	>12.1	a, r, l	2
4.4	3.7	4.1	7.0	5.8	5.6	4.6	5.2	-	5.2	12.7	2.7	10.0	a, r, m	3
5.6	6.8	7.6	7.5	7.5	7.5	8.0	8.4	-	5.7	10.0	2.9	7.1	a, r	4
5.0	5.4	3.9	2.3	[1.6]	1.4	1.4	1.6	-	4.8	11.3	1.2	10.1	c	5
7.2	9.0	9.1	6.4	4.8	4.9	4.9	4.5	-	4.8	14.0	1.3	12.7	c, m	6
5.8	6.0	5.7	5.4	4.8	3.7	3.5	3.7	-	5.5	8.5	2.0	6.5	c, r	7
7.5	5.1	2.7	2.8	2.6	2.3	2.3	3.0	-	4.6	13.5	2.0	11.5	c, r, l, m	8
6.4	5.8	4.7	3.1	3.5	4.8	5.0	5.3	-	5.0	7.5	2.5	5.0	c	9
3.5	3.5	2.3	1.8	1.8	2.0	2.2	2.3	-	3.9	7.3	1.3	6.0	c, l	10
5.9	5.6	5.2	5.8	5.6	6.8	8.8	8.4	-	5.1	12.1	1.2	10.9	c, r, l	11
5.8	6.2	4.3	3.1	2.7	2.5	2.7	2.5	-	4.9	7.7	2.3	5.4	c	12
8.8	9.8	6.4	4.2	5.6	7.6	7.5	5.6	-	6.7	12.4	2.4	10.0	c	13
6.2	6.3	4.6	4.6	5.6	7.3	8.3	9.4	6.2	6.2	10.2	3.8	6.4	b	14
6.4	6.3	5.6	5.6	6.4	7.2	7.7	7.7	6.4	6.4	9.3	3.7	5.6	b	15
6.6	5.4	3.6	2.8	3.4	4.3	4.8	7.6	-	5.7	10.0	2.7	7.3	b	16
4.4	7.6	5.6	4.8	5.4	6.3	7.7	7.1	-	6.6	14.7	1.8	12.9	c, r, l	17
5.0	(4.9)	(3.9)	2.9	2.8	3.5	3.5	4.1	-	-	-	-	-	a, r, t	18
4.7	4.8	4.2	5.5	5.2	4.8	4.7	4.0	-	4.6	6.7	3.1	3.6	a, r, m	19
8.1	7.9	7.0	7.0	6.0	7.9	8.8	8.2	-	6.5	10.2	3.1	7.1	a, d, r, m	20
7.3	7.3	7.1	7.0	7.0	7.9	9.1	9.4	-	>7.8	(>14.7)	4.0	>10.7	a, r, t	21
8.4	7.3	7.3	6.8	7.0	9.2	8.7	7.3	-	7.2	10.4	4.6	5.8	a, d, r	22
6.1	5.4	3.1	3.0	3.2	3.7	3.8	3.6	-	6.1	9.8	2.7	7.1	c, r, d, m	23
3.9	4.0	4.0	3.7	3.4	3.5	3.4	3.3	-	4.3	6.2	3.1	3.1	c, r	24
6.6	4.8	3.3	2.9	1.8	2.1	3.4	3.9	-	4.2	8.3	1.7	6.6	c, r	25
5.9	6.8	6.4	6.4	5.6	5.0	5.6	7.0	-	5.2	8.1	3.1	5.0	a, r	26
7.8	8.1	7.3	8.7	8.0	7.9	7.7	7.3	-	7.7	11.7	5.5	6.2	a, r	27
6.0	6.8	5.7	4.6	4.4	4.5	3.9	3.7	-	5.4	9.3	3.1	6.2	a, r	28
>9.8	7.0	6.2	4.6	4.1	4.4	4.6	4.0	-	>4.8	>14.7	2.5	>12.2	c, f	29
3.9	3.4	3.1	2.7	3.6	4.8	3.1	3.1	-	4.7	9.8	2.3	7.5	a, f, d, r, l, m	30
8.1	7.7	8.4	7.5	6.4	6.8	9.1	-	-	-	-	-	-	a, r, l	31
6.1	6.4	5.0	3.9	4.0	4.7	5.1	5.1	5.3	-	-	-	-	-	-
>6.3	>6.3	5.3	4.8	4.6	>5.3	>5.6	>5.6	5.7	-	-	-	-	-	-

Septembre - September

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date																	
1	[>14.3]	10.8	>14.4	12.0	8.3	7.3	7.8	7.9	8.8	8.9	8.2	8.9	7.4	6.7	6.5	5.4	
2	6.6	7.0	6.9	5.8	4.5	5.0	5.6	5.8	5.8	6.4	6.6	6.6	6.8	7.0	6.5	6.5	
3	4.1	4.4	3.8	4.0	4.7	4.4	4.8	5.2	5.6	6.6	6.6	6.6	6.0	5.2	6.6	7.9	
4	3.9	5.0	5.0	6.3	6.0	4.8	5.2	5.0	4.5	5.9	6.0	6.1	5.6	5.4	5.6	5.8	
5	2.8	3.2	3.5	4.6	4.6	4.5	3.9	3.7	4.3	4.7	5.3	6.1	6.5	7.2	7.0	7.4	
6	2.8	3.3	3.1	2.6	3.3	4.1	4.0	3.6	3.5	3.9	3.9	4.4	4.4	4.8	5.0	5.2	
7	2.9	3.5	3.6	3.1	3.6	5.0	4.5	4.4	4.4	4.8	5.0	4.9	4.8	4.2	4.3	4.6	
8	4.1	3.6	4.1	4.3	3.7	4.6	4.2	4.0	4.2	4.2	4.1	4.4	4.5	4.2	4.6	4.8	
9	3.5	3.5	3.1	3.1	3.1	4.6	4.4	4.8	5.4	5.8	5.0	5.2	5.7	7.1	6.8	6.2	
10	6.0	6.7	7.2	7.4	7.0	6.6	6.2	6.0	6.3	6.2	6.2	6.0	6.2	5.8	6.2	5.6	
11	9.0	9.0	8.7	8.5	8.1	8.0	7.3	7.2	7.2	7.9	9.8	8.7	11.2	10.0	8.7	6.8	
12	5.2	4.4	5.2	4.6	4.3	4.2	3.8	[3.4]	3.4	3.6	4.1	4.0	4.6	5.0	5.6	5.5	
13	3.9	3.9	3.8	4.1	4.0	3.8	2.8	3.4	5.2	4.1	4.6	5.0	3.6	4.4	4.8	4.0	
14	4.5	4.2	3.7	3.8	3.5	3.8	2.9	2.7	2.9	3.3	5.2	4.6	4.4	4.2	4.4	5.1	
15	5.0	5.2	5.7	7.0	7.0	6.3	6.4	5.4	4.9	6.1	5.9	5.0	6.8	6.2	5.8	5.6	
16	5.4	4.8	4.7	4.5	4.4	4.2	4.4	4.1	4.5	4.3	4.5	5.8	6.9	5.3	4.3	3.3	
17	3.5	3.2	3.3	4.1	4.4	4.8	4.8	3.9	3.7	3.7	3.4	3.8	4.4	5.0	4.9	5.8	
18	2.8	2.9	3.5	3.3	2.9	3.3	3.2	3.3	3.9	3.9	4.0	4.4	5.4	5.8	6.2	5.7	
19	1.6	1.6	1.9	2.3	2.3	2.3	2.2	2.6	2.9	3.1	3.9	4.1	5.0	5.4	5.6	4.0	
20	1.2	1.3	1.4	1.2	1.6	1.7	2.1	3.1	3.7	4.8	6.8	7.0	7.3	6.5	6.6	7.3	
21	2.0	2.6	3.1	2.8	2.7	2.3	2.6	3.0	3.5	4.4	4.4	5.0	5.0	4.0	4.4	3.1	
22	1.6	2.2	2.3	2.7	2.8	2.6	2.3	2.8	3.8	3.8	4.0	3.9	3.8	3.8	2.8	3.0	
23	3.5	5.8	7.0	5.7	5.8	6.0	4.8	4.5	4.1	3.9	4.8	5.0	5.2	7.6	5.9	3.5	
24	3.3	3.7	3.1	3.1	3.1	3.1	3.5	3.7	3.8	3.8	4.2	5.2	5.6	5.2	4.1	7.4	
25	6.1	4.7	3.7	4.0	4.6	5.6	5.8	4.1	3.7	3.3	4.5	5.5	6.0	7.0	6.3	3.9	
26	3.8	4.2	3.8	4.2	4.0	3.4	3.5	3.1	3.0	3.8	4.4	4.0	3.9	3.5	3.3	4.0	
27	4.5	4.6	3.5	3.7	3.1	4.0	4.0	4.7	-	-	-	-	-	[3.6]	3.8	3.9	
28	6.2	6.2	5.6	5.3	4.6	5.2	5.1	4.2	4.8	-	-	-	-	-	5.4	5.6	
29	7.3	6.2	5.5	5.5	5.4	4.5	4.6	3.9	3.7	3.9	4.6	5.0	6.0	5.4	5.0	5.0	
30	3.9	5.0	5.2	6.3	5.5	4.5	3.7	3.9	3.5	3.5	3.9	4.3	4.6	4.4	4.1	3.9	
A	5.6	6.7	5.5	4.7	5.2	4.9	4.7	4.7	4.7	5.0	5.0	5.0	5.1	5.3	5.5	5.4	
N	>4.5	4.6	>4.6	4.7	4.4	4.5	4.3	4.2	4.4	4.7	5.1	5.3	5.6	5.5	5.4	5.2	

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
4.8	4.6	4.1	4.1	4.6	5.4	5.8	6.1	-	>7.6	>14.7	3.7	>11.0	c, r	1
7.3	4.4	2.5	2.3	2.7	2.8	3.0	3.3	-	5.3	11.4	2.0	9.4	c, m	2
7.7	4.6	3.1	2.6	2.7	2.4	2.3	2.5	-	4.8	9.0	2.1	6.9	b, m, f	3
5.4	4.0	3.4	2.6	2.3	1.9	1.9	2.3	-	4.6	9.6	1.6	8.0	c, m	4
6.0	2.8	2.2	1.5	1.2	1.2	1.5	1.5	-	4.1	9.2	1.0	8.2	c, m	5
3.5	2.3	1.6	1.7	2.0	2.3	2.4	2.9	-	3.4	5.8	1.2	4.6	o, f	6
3.8	3.1	2.6	3.1	3.1	3.7	4.5	4.4	-	4.0	5.6	2.3	3.3	b, f	7
3.9	3.8	3.1	3.4	4.5	3.9	3.5	3.0	-	4.0	5.0	2.6	2.4	b, f	8
5.3	4.2	4.0	5.1	5.6	5.4	5.5	5.6	-	4.9	7.7	2.3	5.4	c	9
6.0	6.2	6.7	6.9	7.4	8.6	8.9	8.6	6.7	6.7	9.3	5.2	4.1	c	10
6.5	6.3	6.5	5.6	5.7	5.2	4.2	3.5	-	7.5	12.7	2.8	9.9	o, r	11
4.8	3.1	2.7	2.7	2.9	3.5	5.2	5.0	-	4.2	6.2	2.5	3.7	o, r	12
3.1	3.2	3.6	4.3	4.1	4.2	5.0	4.7	-	4.1	6.3	2.3	4.0	o, r	13
5.2	4.5	4.8	4.6	4.6	4.8	5.2	5.2	-	4.3	5.8	2.4	3.4	o, r, f	14
4.1	4.1	4.2	5.0	5.4	5.8	5.2	5.2	-	5.6	8.5	3.8	4.7	o, r	15
3.2	2.8	2.9	3.5	3.3	4.2	3.6	3.7	-	4.3	10.8	1.9	8.9	o, r	16
4.1	2.6	2.4	1.6	1.3	1.6	2.6	2.8	-	3.6	8.7	1.2	7.5	c, r, m	17
3.5	3.0	2.1	2.0	1.6	1.4	1.3	1.4	-	3.4	8.7	0.9	7.8	c, m	18
2.2	1.8	1.3	1.2	1.2	1.4	1.3	1.6	-	2.6	6.6	0.9	5.7	c, f, m	19
3.3	1.8	1.5	1.1	0.9	0.9	1.0	1.4	-	3.1	10.5	0.6	9.9	c, f, m	20
2.3	1.9	1.8	1.4	1.1	1.1	1.1	1.4	-	2.8	6.0	1.0	5.0	c, f, m	21
3.3	3.1	3.7	3.0	3.0	3.3	3.4	3.5	-	3.1	4.1	1.4	2.7	o, f, m, r	22
6.0	4.4	3.0	2.9	3.5	3.7	3.5	3.3	-	4.7	9.8	2.3	7.5	c, r, p	23
4.1	3.5	3.2	4.4	4.4	4.4	4.6	5.3	-	4.2	11.8	2.3	9.5	o, l, r	24
3.3	2.8	2.7	3.1	3.8	3.7	3.7	3.8	-	4.4	9.3	2.6	6.7	o, r, p	25
3.2	2.9	2.8	3.1	3.3	3.3	4.1	3.6	-	3.6	5.2	2.7	2.5	o, r, m	26
3.4	2.8	3.5	3.8	4.4	5.0	4.6	4.2	-	-	-	-	-	o, r	27
5.1	3.5	5.1	4.8	5.0	5.4	5.6	7.3	-	-	-	-	-	c, f, r	28
3.9	3.6	3.7	3.3	2.8	2.8	3.1	2.9	-	4.5	8.7	2.5	6.2	c, r	29
3.6	3.4	2.7	2.1	1.8	1.6	2.5	2.7	-	3.8	6.5	1.4	5.1	c, r	30
4.8	3.7	3.8	4.2	4.7	5.0	5.8	5.6	5.0						
4.4	3.5	3.3	3.2	3.3	3.5	3.7	3.8	4.4						

Octobre - October

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2.8	3.2	2.9	2.7	2.7	3.3	5.4	6.3	7.6	8.1	8.6	8.6	9.6	8.3	8.5	8.7	
2	4.5	4.9	6.0	5.5	5.4	3.9	6.0	6.3	6.2	7.5	6.8	6.7	6.5	[6.4]	6.0	4.9	
3	7.7	8.4	7.8	7.7	7.0	5.8	6.2	5.6	6.4	6.8	7.3	7.3	7.5	8.2	7.6	7.0	
4	3.4	4.9	4.6	4.8	5.4	4.2	3.8	4.5	5.4	6.5	6.8	6.8	7.9	8.1	8.3	7.5	
5	1.4	1.6	1.6	2.3	2.7	2.7	2.1	2.9	4.0	4.7	4.8	5.0	4.9	5.0	4.1	4.8	
6	5.2	5.4	5.2	5.2	4.0	3.9	3.9	3.1	3.8	3.8	3.9	4.0	4.4	5.6	5.7	5.3	
7	2.4	2.8	2.9	3.3	3.1	2.5	2.7	4.2	5.6	6.3	6.7	6.8	6.8	6.6	6.2	4.7	
8	2.4	2.9	3.0	3.4	3.5	3.4	3.1	3.7	5.0	6.0	6.1	6.3	6.4	6.4	6.2	5.4	
9	3.5	3.1	3.3	3.3	2.8	2.6	2.3	3.0	3.9	5.5	5.6	6.0	6.4	5.2	4.3	3.5	
10	2.4	2.4	2.1	1.8	1.8	1.8	2.3	3.3	4.3	5.1	5.5	4.6	5.5	6.0	5.6	4.8	
11	2.5	2.5	3.1	2.8	2.9	2.3	2.5	3.3	4.4	5.0	5.2	5.7	6.2	6.0	5.6	4.5	
12	3.1	3.3	3.1	2.8	2.7	3.3	3.7	4.2	4.6	4.6	4.6	4.4	4.4	4.6	4.6	4.2	
13	3.1	3.5	3.5	3.2	3.5	3.4	3.6	4.4	5.4	4.6	4.1	4.5	4.8	4.8	4.6	4.2	
14	7.0	6.8	7.6	7.0	6.9	5.2	3.5	3.9	4.1	5.4	6.5	6.2	5.6	4.8	5.3	5.7	
15	(9.3)	(11.2)	(>11.9)	(>14.5)	(11.0)	(9.9)	8.5	7.5	6.4	6.5	6.2	6.3	5.7	6.0	7.0	7.0	
16	8.1	7.2	7.4	6.8	6.1	5.4	5.0	4.2	—	4.0	4.1	5.2	6.2	6.2	5.8	4.6	
17	2.0	1.8	1.8	2.3	2.0	2.3	2.0	2.0	2.4	3.8	5.6	5.9	6.0	5.1	5.2	5.9	
18	4.6	3.9	4.4	4.1	4.4	4.4	4.8	5.4	5.7	5.4	5.4	5.6	6.0	6.2	4.8	3.7	
19	5.4	7.0	5.2	4.8	4.0	3.7	3.4	3.5	3.5	5.0	4.1	5.3	5.8	5.6	5.2	4.8	
20	4.8	4.5	4.1	3.7	3.5	3.3	3.1	3.1	3.3	2.8	2.5	2.8	3.3	3.7	3.8	3.3	
21	2.3	2.5	2.5	2.7	2.6	2.2	1.8	2.3	3.0	3.3	3.5	4.1	4.0	4.2	4.2	3.7	
22	2.3	2.4	2.6	2.6	2.8	[3.0]	—	3.9	5.3	5.8	5.2	5.9	5.8	6.5	6.0	5.6	
23	4.5	4.1	3.6	2.9	2.8	2.8	2.8	2.7	2.7	2.8	3.8	4.6	4.8	5.7	5.2	5.4	
24	4.0	5.2	6.7	7.7	7.9	8.9	8.0	6.4	>8.1	>7.9	>7.3	6.2	6.1	6.7	6.9	6.1	
25	5.5	5.8	6.2	6.4	5.2	4.8	5.0	4.6	4.5	4.2	3.9	4.3	4.7	4.5	4.5	3.3	
26	2.3	2.3	2.2	2.2	2.2	2.0	1.8	1.8	2.2	2.5	2.7	3.9	5.0	5.3	5.0	2.6	
27	1.9	2.3	2.9	3.4	3.7	3.8	3.4	3.6	(3.7)	(3.9)	4.2	4.6	4.2	4.1	3.5	3.3	
28	4.9	5.0	5.2	4.6	3.8	4.3	3.4	3.0	3.3	3.1	2.8	3.2	4.0	3.3	3.0	(2.6)	
29	4.1	4.1	4.0	4.4	4.2	4.1	4.0	3.7	3.7	4.4	4.1	4.8	4.4	4.1	3.7	2.7	
30	3.1	3.1	2.8	2.6	2.7	2.7	2.7	2.3	2.3	2.3	2.6	2.8	3.1	3.1	3.4	3.4	
31	2.3	2.3	2.7	3.3	3.4	4.1	3.7	3.3	2.7	3.8	(5.7)	6.7	6.8	6.1	4.9	4.0	
A	4.1	4.5	4.6	4.5	4.3	3.4	3.5	3.7	4.3	5.2	5.0	5.3	5.5	5.5	5.2	4.5	
N	4.0	4.2	>4.3	>4.3	4.1	3.9	3.8	3.9	>4.4	>4.9	>5.0	5.3	5.6	5.6	5.3	4.7	

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
8.6	5.6	3.1	[3.2]	3.3	4.6	5.1	5.0	—	5.6	10.8	2.5	8.3	o, r	1
4.8	5.7	4.9	4.7	5.4	6.3	6.9	7.3	—	5.8	8.6	3.3	5.3	c, hf	2
4.6	3.2	2.7	2.8	2.5	3.0	2.9	3.0	—	5.8	9.3	2.3	7.0	c	3
4.2	1.8	1.3	1.0	0.9	0.9	1.2	1.3	—	4.4	11.9	0.8	11.1	b, m, hf	4
4.1	4.6	4.1	4.1	4.1	4.1	4.1	4.6	—	3.7	5.1	1.2	3.9	c, m, hf	5
2.8	2.0	1.8	2.0	1.6	2.0	2.3	2.3	—	3.7	6.6	1.6	5.0	c, m	6
3.6	2.5	1.8	1.6	1.7	1.8	2.1	2.7	—	3.8	7.2	1.4	5.8	b, m, hf	7
3.5	2.5	2.1	2.2	2.3	2.9	2.9	3.1	3.9	3.9	6.9	2.0	4.9	b, hf	8
2.8	2.6	2.0	1.8	1.9	2.0	2.2	2.1	—	3.4	6.8	1.6	5.2	c, m	9
2.7	1.8	1.8	2.0	2.4	2.6	2.4	2.3	—	3.2	6.6	1.6	5.0	b, m	10
3.5	3.1	3.5	3.5	3.2	3.5	3.1	3.0	—	3.8	6.8	2.2	4.6	c, r, hf	11
4.3	3.6	3.1	2.7	3.1	3.5	3.3	2.9	—	3.7	5.0	2.3	2.7	c, r, m	12
4.3	4.0	3.1	3.4	3.7	5.2	5.9	6.8	—	4.2	7.7	2.6	5.1	o, m, r	13
6.4	6.0	6.8	8.5	9.2	7.9	9.4	9.2	—	6.5	10.9	3.3	7.6	o, r	14
7.2	7.5	6.0	6.2	8.8	8.5	9.4	9.4	—	>8.2	(>14.7)	5.2	(>9.5)	o, r, d	15
3.3	2.8	2.7	2.6	3.1	2.7	2.5	2.3	—	—	—	—	—	o, f	16
5.6	5.2	4.8	5.0	5.0	4.5	4.6	4.9	—	4.0	6.5	1.4	5.1	o, f, m, d	17
3.3	3.3	3.3	3.5	3.8	3.9	5.3	5.2	—	4.6	7.3	2.7	4.6	c, r	18
4.9	3.1	2.6	2.6	3.4	3.8	4.0	4.0	—	4.4	8.2	2.2	6.0	c, m, r, hf	19
2.2	1.7	1.4	1.4	1.6	2.0	2.3	2.3	—	2.9	5.0	1.2	3.8	c, a, r, m, hf	20
2.8	1.9	1.8	1.9	2.3	2.3	1.9	2.2	—	2.8	4.5	1.5	3.0	c, m, hf	21
4.4	3.7	3.5	3.0	3.5	3.7	3.9	5.0	—	—	—	—	—	o, g, hf	22
3.7	2.5	3.1	3.9	3.5	4.0	4.8	4.4	—	3.8	6.8	2.3	4.5	c, a, hf	23
5.6	5.2	5.2	5.6	5.4	5.1	5.2	5.6	—	>6.4	>14.7	3.2	>11.5	c, r, g	24
2.9	2.3	1.4	1.4	1.4	1.5	1.6	1.8	—	3.8	6.6	1.2	5.4	c	25
2.0	1.6	1.6	1.6	1.6	1.7	2.1	2.1	—	2.5	7.5	1.5	6.0	c, m, hf	26
2.9	3.6	3.6	3.5	4.1	4.3	4.6	4.7	—	3.7	4.9	1.8	3.1	c	27
2.3	2.2	2.7	2.8	2.7	2.7	3.5	3.4	—	3.4	5.4	2.0	3.4	o	28
2.0	1.7	1.5	2.1	2.5	2.6	2.6	2.5	—	3.4	5.6	1.4	4.2	c, f	29
3.1	2.9	2.6	2.5	2.3	2.3	2.4	2.4	—	2.7	3.6	2.0	1.6	o, f, d	30
4.8	4.8	4.8	5.0	5.0	5.2	5.3	5.2	—	4.4	7.4	2.0	5.4	o	31
3.4	2.9	2.8	2.8	3.1	3.4	3.5	3.7	4.1						
4.0	3.4	3.1	3.2	3.4	3.6	3.9	4.0	4.2						

Novembre - November

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	5.2	5.4	5.2	5.0	4.8	4.6	3.9	3.7	3.9	4.6	4.5	3.9	3.8	3.7	3.2	2.7	
2	4.2	4.4	4.8	5.6	5.2	4.8	4.1	3.5	3.5	3.1	3.1	3.2	3.6	3.7	3.7	3.4	
3	3.5	3.8	3.5	3.1	2.9	2.7	2.8	2.7	3.1	3.3	3.9	4.4	4.6	4.8	4.8	4.8	
4	4.8	4.0	3.8	3.2	3.0	2.8	2.5	2.3	2.6	2.9	3.1	3.3	3.8	3.6	3.3	3.7	
5	5.1	5.2	4.4	4.7	4.7	4.0	3.4	3.9	4.1	4.1	4.8	5.3	6.2	5.6	5.8	5.4	
6	7.7	6.6	6.8	8.5	7.7	6.4	4.8	3.9	4.4	4.4	4.4	4.5	4.8	5.0	4.4	4.4	
7	4.6	5.0	5.2	6.0	4.6	3.4	3.0	3.5	3.6	3.7	3.8	3.7	3.6	3.4	3.5	3.6	
8	4.8	5.2	5.4	5.2	5.0	5.2	4.8	4.3	4.4	4.1	3.7	3.7	4.0	4.0	4.1	3.4	
9	3.7	4.1	5.6	4.6	4.8	5.2	4.9	3.9	4.4	4.8	4.8	4.7	4.8	5.6	4.1	3.0	
10	3.5	3.5	3.8	3.7	3.2	2.3	1.8	2.5	3.0	3.1	3.5	3.7	3.9	3.7	3.2	2.7	
11	3.1	3.3	4.1	4.3	4.4	4.6	4.1	4.0	4.4	4.4	5.0	5.0	4.5	4.1	4.1	4.9	
12	7.1	6.0	4.6	5.4	4.3	4.9	4.5	[3.3]	2.9	2.9	2.8	3.0	3.9	4.6	3.9	4.6	
13	6.2	5.8	5.8	6.2	6.0	4.4	3.1	3.1	3.4	3.8	5.0	4.7	4.6	4.8	5.2	4.8	
14	-	-	-	-	-	-	[7.3]	7.1	6.7	6.2	6.2	5.7	[5.8]	-	(4.6)	4.1	
15	2.7	3.0	2.9	3.3	2.4	2.0	1.5	1.8	[2.3]	-	-	3.1	3.5	3.3	2.6	2.2	
16	5.4	5.1	5.1	4.6	3.7	3.5	3.4	3.3	3.4	3.3	2.8	2.7	2.9	2.9	3.3	3.6	
17	3.2	3.7	3.9	3.5	2.7	2.3	2.5	2.6	3.4	3.1	2.9	3.1	2.7	3.3	3.9	3.4	
18	2.6	2.2	1.9	2.0	2.4	3.0	2.9	2.3	1.8	1.8	1.6	1.6	1.8	1.6	1.6	1.8	
19	3.7	4.9	7.3	7.6	7.7	8.2	6.5	4.5	3.9	3.9	3.9	3.8	3.9	3.5	3.0	2.8	
20	-	-	-	-	-	-	-	1.9	2.2	2.7	3.1	3.5	3.7	3.5	3.5	3.5	
21	4.4	4.0	4.4	4.1	3.7	3.4	3.2	3.1	3.3	3.4	3.4	3.5	3.2	2.5	2.3	2.6	
22	4.0	3.9	4.7	4.4	4.5	4.4	4.1	3.9	3.9	3.7	3.5	3.5	3.5	3.3	3.5	3.5	
23	4.4	4.4	4.4	4.6	3.9	3.9	4.0	4.1	-	4.8	4.8	4.3	4.5	4.6	5.2	3.9	
24	3.9	4.0	4.1	4.2	3.8	3.5	3.9	3.2	3.1	3.7	3.9	3.9	3.8	3.9	4.1	3.6	
25	7.7	9.0	8.8	8.0	6.2	5.7	5.2	3.5	3.3	3.4	4.6	3.9	4.6	4.0	3.0	2.7	
26	3.6	3.5	3.4	3.3	3.7	4.0	3.5	3.1	2.7	3.2	5.4	3.8	3.9	4.7	4.8	3.7	
27	3.1	3.9	4.1	4.6	4.6	4.1	4.6	4.2	3.8	3.5	3.2	3.0	3.0	3.0	3.0	3.1	
28	3.3	3.3	3.5	3.4	3.1	3.1	3.0	3.3	3.2	3.0	3.1	3.3	3.3	3.3	3.5	3.3	
29	5.0	5.0	4.8	5.2	5.2	4.8	4.6	5.0	4.3	3.8	3.8	3.9	4.4	4.4	4.4	4.5	
30	4.9	5.0	5.3	5.9	6.4	6.0	5.8	5.4	5.0	5.2	5.2	5.4	5.6	5.6	4.3	2.9	
A	4.7	4.8	6.2	6.2	5.5	4.9	3.6	3.0	3.7	3.7	4.0	4.3	4.4	4.3	4.1	3.1	
N	4.5	4.5	4.7	4.8	4.4	4.2	3.9	3.6	3.6	3.7	3.9	3.8	4.0	3.9	3.8	3.6	

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
3.1	3.2	3.1	3.5	3.5	3.7	4.2	[4.8]	-	4.0	5.8	2.5	3.3	o, m, d	1
3.1	4.1	[4.5]	4.4	4.8	4.9	4.8	3.9	-	4.1	6.0	2.9	3.1	c, m, r	2
2.8	2.8	3.7	3.3	3.7	4.6	5.4	5.0	-	3.8	6.5	2.0	4.5	o, m	3
3.5	3.7	3.9	3.9	4.4	4.5	5.3	5.2	-	3.6	6.2	2.0	4.2	o, d, r	4
4.1	3.9	3.9	4.7	4.5	3.9	3.9	5.4	-	4.6	7.7	3.2	4.5	o, r	5
3.7	3.3	3.1	2.9	3.0	3.2	4.1	4.7	-	4.9	9.0	2.6	6.4	c, r	6
2.8	3.2	3.3	3.7	3.6	3.9	4.0	4.4	-	3.9	7.1	2.5	4.6	c, d, m	7
4.3	6.0	5.3	3.9	4.5	4.5	4.2	3.5	-	4.5	8.2	3.0	5.2	o, d, r	8
3.2	4.1	3.6	3.3	4.0	4.4	4.1	3.3	-	4.3	6.5	2.0	4.5	c, m	9
2.5	2.7	3.3	3.0	3.1	3.0	2.9	2.9	-	3.1	5.4	1.6	3.8	c, m	10
4.5	5.0	7.4	6.8	4.6	6.8	6.6	5.4	-	4.8	9.8	3.5	6.3	o, r	11
4.6	5.0	5.2	5.3	4.9	5.2	5.9	5.8	-	4.6	10.5	2.0	8.5	o, r	12
4.6	5.0	5.2	-	-	-	-	-	-	-	-	-	-	c, r, hf	13
4.1	4.1	4.4	4.0	(4.1)	3.4	3.2	2.8	-	-	-	-	-	c, wind, s	14
3.0	3.8	3.9	4.0	4.1	3.8	4.2	5.0	-	-	-	-	-	c, f, wind, hf	15
3.7	3.2	3.7	3.6	3.1	2.5	2.6	2.9	-	3.5	5.8	2.4	3.4	o, r, hf	16
2.9	3.1	2.4	2.2	2.4	2.5	2.5	2.5	-	2.9	4.3	1.9	2.4	c, s, hf	17
1.8	2.2	2.5	2.8	2.7	2.9	3.0	3.0	-	2.2	3.3	1.4	1.9	o, s, d, m, f	18
3.1	3.1	-	-	-	-	-	-	-	-	-	-	-	c, r	19
3.5	3.8	3.9	3.9	4.6	4.8	4.7	4.6	-	-	-	-	-	o, hf	20
2.4	2.8	3.3	3.7	3.7	4.1	4.1	4.6	-	3.4	5.9	1.9	4.0	o, s, m, r	21
3.7	3.5	3.7	4.1	4.5	4.4	4.1	4.4	-	3.9	5.4	3.1	2.3	o, r	22
3.3	3.5	3.9	3.7	3.4	4.1	4.1	4.1	-	-	-	-	-	c, r	23
3.6	3.9	3.5	3.8	4.4	3.9	3.3	5.2	-	3.8	6.2	2.8	3.4	c, r, s	24
3.0	3.1	3.5	3.9	4.1	4.5	4.8	4.5	-	4.8	10.2	2.5	7.7	c, r, s, hf	25
3.5	2.9	3.2	3.5	3.3	3.3	3.3	3.3	-	3.6	6.2	2.5	3.7	o, s	26
2.9	2.6	2.7	2.8	2.9	3.0	3.1	3.1	-	3.4	5.0	2.3	2.7	o, d, r, s, m, g	27
3.0	2.9	3.1	4.0	4.6	4.5	4.5	4.6	-	3.5	4.9	2.7	2.2	o, r, s, m	28
4.4	4.5	4.4	4.7	4.6	4.6	4.4	4.2	-	4.5	5.6	3.9	1.7	o, s, g, hf	29
2.5	1.9	1.8	2.4	2.6	2.8	3.2	3.5	-	4.4	7.3	1.6	5.7	c, f, hf	30
3.0	3.2	3.3	3.4	3.6	4.0	4.3	4.4	4.1						
3.4	3.6	3.8	3.8	3.8	4.0	4.1	4.2	4.0						

D cembre - December

CONDUCTIBILIT  D'AIR
AIR CONDUCTIVITY

h Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	3.9	4.2	4.4	4.5	4.1	3.8	3.3	3.3	3.3	3.4	3.5	3.8	3.9	3.6	3.5	3.1	
2	2.6	2.8	2.7	2.3	2.1	2.3	2.3	2.4	2.3	2.2	2.7	2.6	2.6	3.6	3.6	3.4	
3	2.6	2.7	3.7	5.2	5.4	5.6	4.6	4.2	4.4	(4.4)	4.6	4.5	4.8	5.0	4.6	3.8	
4	4.8	4.6	4.2	4.2	4.5	4.6	3.2	3.0	3.1	3.3	3.9	3.7	4.1	4.1	3.7	3.5	
5	3.2	3.5	3.9	3.8	2.9	2.3	2.4	2.4	2.2	2.2	2.7	2.8	2.6	2.0	2.1	1.9	
6	3.0	2.7	2.8	3.1	2.7	2.4	2.2	2.3	2.3	2.7	2.9	3.3	3.1	2.8	2.5	2.5	
7	4.0	3.7	3.4	3.0	2.9	3.3	2.9	3.1	3.5	3.7	4.1	4.1	4.4	4.1	3.5	3.2	
8	5.9	5.7	5.4	5.0	4.1	3.7	4.2	3.9	3.9	3.7	3.5	3.4	3.5	3.4	2.9	2.9	
9	3.5	3.3	3.5	3.9	3.6	3.3	-	-	2.3	2.7	[2.7]	2.9	2.8	2.2	2.0	2.2	
10	2.7	3.0	3.1	3.2	2.8	3.0	2.9	2.2	2.8	3.0	3.0	2.7	3.2	2.9	2.4	1.6	
11	2.0	-	-	-	-	-	-	2.1	2.2	2.5	2.3	2.6	2.8	3.5	3.5	3.5	
12	3.8	3.9	3.5	2.9	2.4	2.0	2.3	2.4	2.9	3.1	2.5	2.3	2.1	2.0	1.6	1.5	
13	3.4	3.7	3.6	2.9	2.3	2.3	1.7	1.6	2.6	3.5	4.1	3.9	3.7	3.4	2.3	2.0	
14	4.4	4.8	4.8	5.0	4.8	3.9	4.1	4.1	4.5	3.0	2.9	2.5	2.5	2.3	2.0	2.0	
15	2.1	1.7	1.6	1.9	2.0	2.0	2.0	1.8	1.8	1.9	1.8	1.9	2.0	1.8	1.4	1.6	
16	1.8	2.3	2.6	2.8	2.7	2.3	2.0	1.6	2.3	2.9	-	2.7	2.6	2.6	2.1	2.1	
17	4.7	4.9	4.6	4.8	4.1	3.1	2.3	2.0	2.4	3.1	2.8	2.7	3.3	3.6	3.0	3.1	
18	4.1	4.1	4.4	4.8	4.5	4.1	3.9	4.1	3.5	2.5	2.0	1.8	2.3	1.8	1.6	1.8	
19	6.8	7.7	7.3	7.9	6.0	5.0	4.5	3.5	3.9	4.7	4.6	4.5	4.8	4.3	4.1	5.1	
20	2.7	2.7	2.9	3.5	2.9	2.0	1.6	1.0	0.8	1.8	2.8	2.7	4.4	4.1	3.4	2.4	
21	2.2	3.2	2.7	2.2	1.9	2.0	1.9	1.2	1.6	2.3	2.8	2.7	2.6	2.1	2.2		
22	2.8	2.9	3.1	3.1	3.0	2.8	2.9	2.5	2.5	2.6	2.3	2.4	1.8	1.3	1.2	1.1	
23	1.0	1.4	1.5	1.6	1.7	1.4	1.2	1.2	1.2	1.2	2.3	2.0	2.7	2.7	1.8	1.7	
24	3.3	3.4	3.6	3.8	3.8	3.6	3.3	2.4	2.0	2.1	2.7	3.3	3.1	3.3	2.2	1.8	
25	2.7	2.7	2.9	3.3	3.2	3.0	2.8	2.0	1.9	1.9	2.0	2.0	2.3	2.3	2.0	1.3	
26	2.5	3.0	3.3	3.3	2.9	3.0	2.8	2.7	2.5	2.5	2.8	2.9	3.1	3.1	3.0	2.9	
27	5.4	5.0	5.0	5.0	3.9	3.5	[3.5]	2.9	2.8	3.3	3.1	3.3	3.4	3.4	2.9	2.9	
28	3.6	4.2	3.7	2.7	2.0	1.6	1.3	1.9	1.9	2.2	2.6	3.1	3.6	2.7	2.5	2.3	
29	3.0	2.8	2.7	2.5	2.7	2.5	2.3	1.6	1.3	1.9	2.5	2.9	2.9	2.8	2.3	2.0	
30	2.0	2.2	2.3	2.1	1.8	1.7	1.6	1.2	1.4	1.9	2.6	3.1	3.7	3.8	2.8	2.6	
31	2.5	2.9	2.7	2.6	3.3	3.9	3.6	3.1	3.3	3.4	3.7	4.1	4.2	3.7	3.5	3.5	
A	3.3	3.5	3.1	3.0	3.0	2.9	2.7	2.4	2.4	2.4	3.1	3.2	3.4	3.3	2.8	2.6	
N	3.3	3.5	3.5	3.6	3.2	3.0	2.7	2.5	2.5	2.8	3.0	3.0	3.2	3.1	2.6	2.5	

1972

(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$
(POSITIVE) $\times 10^{-15} \text{ Ohm}^{-1} \text{ m}^{-1}$

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
3.1	3.5	3.6	2.6	2.3	2.3	2.3	2.3	-	3.4	4.6	2.1	2.5	c, f, hf	1
3.7	3.7	2.7	2.3	1.5	1.4	1.6	1.9	-	2.6	3.9	1.3	2.6	c, f, m, hf	2
3.9	4.5	4.6	4.4	4.2	4.4	4.6	4.7	4.4	4.4	5.7	2.1	3.6	c, hf	3
3.0	2.8	2.9	3.4	3.5	3.4	3.5	3.3	-	3.7	4.9	2.5	2.4	o, m, hf	4
1.8	1.8	1.6	1.8	1.9	2.5	2.5	3.1	-	2.5	4.0	1.4	2.6	o, f, d	5
2.5	2.5	2.6	2.8	3.1	3.1	3.5	3.9	-	2.8	4.0	2.0	2.0	c, m, hf	6
3.2	3.3	3.6	3.8	3.7	4.4	5.4	5.8	-	3.8	6.2	2.7	3.5	o, f, m, hf	7
3.3	2.4	1.9	1.8	2.0	2.3	2.9	3.3	-	3.5	6.2	1.6	4.6	o, m, r	8
2.2	1.8	1.9	2.2	2.3	2.5	2.8	2.8	-	-	-	-	-	o, f, m, r	9
1.8	1.6	1.6	1.7	2.2	2.5	2.2	2.0	-	2.5	3.8	1.3	2.5	c, m, r, hf	10
3.7	3.1	2.9	3.4	3.5	3.5	3.5	3.5	-	-	-	-	-	c, m, g, hf	11
1.6	1.8	1.8	1.9	2.0	2.5	2.8	3.1	-	2.5	4.1	1.4	2.7	b, m, f, hf	12
2.4	2.5	2.9	3.0	3.3	3.8	4.1	4.1	-	3.0	4.4	1.4	3.0	c, hf	13
1.8	1.8	1.8	2.0	2.3	2.2	2.0	2.0	-	3.0	5.4	1.6	3.8	o, m, f, d, hf	14
1.6	1.6	1.6	1.6	1.4	1.4	1.6	1.6	-	1.7	2.3	1.2	1.1	o, f, d	15
2.1	2.5	2.7	2.1	2.0	2.3	2.9	3.8	-	-	-	-	-	o, f, m, d	16
3.5	3.9	3.9	3.4	3.5	3.5	3.9	3.9	-	3.5	5.4	1.9	3.5	o, f	17
1.4	1.3	1.4	1.8	3.4	5.4	5.9	5.8	-	3.2	6.8	1.2	5.6	o, s, m, f	18
5.0	4.5	4.6	3.9	3.0	2.3	2.2	2.3	-	4.7	10.0	1.8	8.2	o, hf	19
1.6	2.3	2.0	2.3	1.8	1.6	1.7	1.8	-	2.4	4.8	0.6	4.2	b, m, f, hf	20
2.4	2.3	2.3	2.7	2.5	2.6	2.9	2.8	-	2.4	3.8	1.1	2.7	c, m, hf	21
0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	-	1.9	3.5	0.6	2.9	c	22
1.8	2.3	2.5	2.5	2.7	2.9	2.9	3.1	-	2.0	3.2	0.9	2.3	b, hf	23
1.4	1.0	1.0	1.0	1.2	1.6	2.1	2.3	-	2.5	3.9	0.8	3.1	b, f, hf	24
1.0	1.0	1.3	1.4	1.3	1.5	1.8	2.3	-	2.1	3.7	0.9	2.8	b	25
2.8	2.8	3.2	3.7	4.0	4.7	5.2	5.6	-	3.3	5.8	2.3	3.5	c	26
2.7	2.7	3.1	3.3	3.5	3.5	3.3	2.7	-	3.5	5.6	2.0	3.6	b, hf	27
-	2.3	1.9	2.2	2.3	2.2	2.3	2.6	-	-	-	-	-	b, hf	28
1.8	1.4	-	[1.4]	1.6	1.8	1.8	1.8	-	-	-	-	-	b, hf	29
2.9	2.9	2.7	3.2	3.1	3.3	3.1	2.8	2.5	2.5	3.9	1.2	2.7	b, hf	30
3.7	3.2	3.1	2.7	2.2	1.8	2.3	3.3	3.2	3.2	3.5	1.6	2.9	b, hf	31
2.8	2.9	3.0	2.8	2.8	2.9	3.0	3.3	3.0						
2.5	2.4	2.5	2.5	2.5	2.7	2.9	3.1	2.9						

**NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR**

**NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR**

Janvier - January

1972

Février - February

Date	I	II	III	M
1	8370	6400	12310	9030
2	6400	8860	7390	7550
3	4180	10340	13290	9270
4	19700	5910	15260	13620
5	16740	10340	7880	11650
6	8370	10340	8370	9030
7	7390	6400	5420	6400
8	14280	14280	16250	14940
9	12560	10590	12060	11740
10	12560	8120	12310	11000
11	11330	9850	11330	10840
12	6400	13290	31020	16900
13	30040	38900	23140	30690
14	16740	48270	46290	37100
15	32010	32010	24620	29550
16	28070	25600	24130	25930
17	30040	36930	37910	34960
18	24130	35450	19700	26430
19	20190	13290	15020	16170
20	22650	18710	27570	22980
21	12310	5910	6400	8210
22	38650	19450	24130	27410
23	11820	6890	6890	8530
24	10590	14770	9360	11570
25	7390	12800	15260	11820
26	27080	16000	33480	25520
27	31510	10830	13790	18710
28	6400	11820	11330	9850
29	10830	15020	23880	16580
30	10590	12060	11570	11410
31	16500	15760	16000	16090
M	16640	16300	17530	16820

Date	I	II	III	M
1	13290	9360	10340	11000
2	29540	97990	13290	46940
3	22650	55640	23640	33980
4	12800	62530	26590	33970
5	39880	95530	26590	54000
6	28560	55150	21170	34960
7	18220	58600	6890	27900
8	6400	7390	31510	15100
9	36930	28070	20680	28560
10	10340	21670	10830	14280
11	12800	8860	8860	10170
12	12560	26340	24870	21260
13	10590	4920	5910	7140
14	7390	11080	8860	9110
15	5420	6400	10830	7550
16	13790	14770	22650	17070
17	9850	40870	18710	23140
18	7390	13790	16000	12390
19	12310	12800	9850	11650
20	9110	14770	11080	11650
21	16250	20680	11330	16090
22	12310	14280	5420	10670
23	12310	9850	8860	10340
24	22160	15760	14770	17560
25	10340	11820	9850	10670
26	9360	12800	10340	10830
27	20680	12800	13790	15760
28	15260	12310	13790	13790
29	13790	9360	26840	16660
M	15600	26420	15320	19110

NOMBRE DE NOYAUX DE CONDENSATION
PER 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Mars - March

1972

Avril - April

Date	I	II	III	M
1	23640	18710	18220	20190
2	5910	19200	20190	15100
3	6400	20190	15260	13950
4	16000	15510	10830	14110
5	6890	15760	7880	10180
6	14770	30280	9360	18140
7	9850	10830	10340	10340
8	14770	18710	22160	18550
9	9850	11820	32010	17890
10	6400	4920	12560	7960
11	10830	47760	10830	23140
12	11820	75340	33980	40380
13	23140	101930	34470	53180
14	7880	134920	15760	52850
15	26100	107340	47760	60400
16	28070	30530	29540	29380
17	9360	7880	47760	21670
18	26840	13790	22650	21090
19	10340	20190	27330	19290
20	16990	66470	57120	46860
21	14280	24620	24870	21260
22	19200	18710	17230	18380
23	10340	14280	21170	15260
24	40380	114240	28310	60980
25	32010	118180	22650	57610
26	9360	61060	36440	35620
27	11330	12800	10830	11650
28	5910	7880	29300	14360
29	13790	35950	14770	21500
30	12310	59090	12310	27900
31	10090	12310	21420	14610
M	15000	40360	23400	26250

Date	I	II	III	M
1	6400	18710	6890	10670
2	21170	46290	29540	32330
3	14770	14530	12800	14030
4	6400	11330	16740	11490
5	16000	33480	22900	24130
6	7880	13790	10830	10830
7	16740	20680	13290	16900
8	17480	51700	24370	31180
9	8860	23140	22160	18050
10	18710	13540	22650	18300
11	6890	17230	36440	20190
12	21170	21170	34470	25600
13	26100	68940	10340	35130
14	6400	6400	5910	6240
15	10590	17480	14280	14120
16	4430	5420	5910	5250
17	7390	11570	18220	12390
18	5420	7390	7880	6900
19	15260	10340	12800	12800
20	16740	6890	7880	10500
21	10830	21670	12800	15100
22	12060	20930	10340	14440
23	8120	22900	14530	15180
24	16990	21170	4430	14200
25	5910	20680	12800	13130
26	26100	79280	26100	43830
27	24620	21170	24620	23470
28	8860	57120	17970	27980
29	13290	12560	40870	22240
30	7880	14280	21670	14610
M	12980	23730	17410	18040

NOMBRE DE NOYAUX DE CONDENSATION
PER 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Mai — May

1972

Juin — June

Date	I	II	III	M
1	12800	42350	13290	22810
2	12800	12310	6400	10500
3	14280	12800	7880	11650
4	10340	7390	13790	10510
5	18220	10830	19700	16250
6	20430	16250	34470	23720
7	12800	10340	8120	10420
8	8620	5660	12060	8780
9	10340	4920	8860	8040
10	7880	10340	15760	11330
11	10830	10830	20680	14110
12	7390	5910	6400	6570
13	8620	12310	17480	12800
14	5910	9360	7880	7720
15	9360	7880	17230	11490
16	6400	4920	12310	7880
17	21670	28070	10340	20030
18	6400	12800	20680	13290
19	6400	12800	24620	14610
20	12800	15510	14280	14200
21	6400	9360	11820	9190
22	15760	13290	17230	15430
23	8370	12800	9850	10340
24	27570	19200	14280	20350
25	12310	20680	16250	16410
26	19700	12800	10340	14280
27	11820	13790	9600	11740
28	6890	32500	11330	16910
29	24130	12560	10830	15840
30	12800	6890	10340	10010
31	15760	17730	34960	22820
M	12450	13720	14490	13550

Date	I	II	III	M
1	9110	8370	17230	11570
2	9850	5910	8860	8210
3	14030	10090	10590	11570
4	5420	6400	10340	7390
5	12310	19700	8860	13620
6	10340	10340	14280	11650
7	11820	10830	8370	10340
8	13290	10340	7880	10500
9	10340	66470	10340	29050
10	11820	5910	12060	9930
11	8860	6400	6890	7380
12	12060	8370	14030	11490
13	15260	32990	16740	21660
14	12310	9360	11820	11160
15	9360	13290	9850	10830
16	11080	12560	6160	9930
17	13290	14280	7880	11820
18	11570	20680	10340	14200
19	14530	10590	11820	12310
20	5420	6400	8370	6730
21	21170	8860	11820	13950
22	11820	6400	8370	8860
23	9850	16250	14280	13460
24	15760	12310	11080	13050
25	9850	11330	5910	9030
26	11570	13540	11080	12060
27	13290	8860	6400	9520
28	8860	5910	23140	12640
29	5420	14770	5910	8700
30	15260	7390	7390	10010
M	11500	13160	10600	11750

**NOMBRE DE NOYAUX DE CONDENSATION
PER 1 CM³ D'AIR**

**NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR**

Juillet - July

1972

Août - August

Date	I	II	III	M
1	9850	12800	11570	11410
2	7880	10830	8370	9030
3	14530	16000	15020	15180
4	9360	11820	12800	11330
5	7140	35700	15760	19530
6	9360	5420	6890	7220
7	6890	8860	15510	10420
8	22400	16000	5910	14770
9	10340	32010	18710	20350
10	13050	5910	18220	12390
11	10830	4920	4430	6730
12	9850	7390	8370	8540
13	8620	11570	17480	12560
14	9850	6890	10340	9030
15	15020	10830	17230	14360
16	11820	4680	4680	7060
17	13290	9850	9360	10830
18	13790	19200	11330	14770
19	10340	13790	8370	10830
20	14280	6400	7630	9440
21	7630	10590	10830	9680
22	4680	7880	8860	7140
23	10090	12310	12800	11730
24	15760	9360	10590	11900
25	8370	7390	7880	7880
26	11820	47760	8860	22810
27	7880	13290	14770	11980
28	7390	16740	21910	15350
29	16740	17230	13790	15920
30	9850	41360	14200	21800
31	8620	14770	18960	14120
M	10880	14500	11980	12450

Date	I	II	III	M
1	7390	12800	22160	14120
2	7880	12310	8860	9680
3	9110	17480	22400	16330
4	16740	18710	8860	14770
5	15760	27570	15020	19450
6	17230	8860	10830	12310
7	9360	23880	15260	16170
8	5420	7880	13290	8860
9	14770	7880	8860	10500
10	17230	13790	15760	15590
11	11820	4920	8860	8530
12	11820	15760	13290	13620
13	4920	3940	8860	5910
14	17730	11570	18960	16090
15	49240	7880	26590	27900
16	14280	15760	18710	16250
17	17230	14280	8370	13290
18	12310	7390	8860	9520
19	12800	14770	11820	13130
20	9850	5420	9360	8210
21	8860	9850	10830	9850
22	11330	5420	8370	8370
23	10830	13290	16740	13620
24	5420	6890	11820	8040
25	4920	22650	27820	18460
26	9360	26590	9850	15270
27	7880	16250	9360	11160
28	15760	22650	8860	15760
29	4430	38410	8370	17070
30	7390	12310	16740	12150
31	9360	8370	12800	10180
M	12210	14050	13440	13230

NOMBRE DE NOYAUX DE CONDENSATION
PER 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Septembre — September

1972

Octobre — October

Date	I	II	III	M
1	17730	4430	8860	10340
2	7880	12310	13790	11330
3	17730	13290	7880	12970
4	7880	10830	10830	9850
5	10830	9360	7880	9360
6	24620	12310	26100	21010
7	10340	10340	19700	13460
8	22650	19200	20190	20680
9	10340	23140	20680	18050
10	7390	6400	7880	7220
11	12800	4920	7390	8370
12	8370	10340	19200	12640
13	17230	15760	6890	13290
14	7880	8370	5910	7390
15	9850	7390	6400	7880
16	6890	9850	10340	9030
17	5910	7390	9360	7550
18	16250	19200	17230	17560
19	10830	5910	15760	10830
20	19200	11820	24130	18380
21	18220	7390	23140	16250
22	25600	6400	8860	13620
23	13290	15260	18710	15750
24	11820	10590	19450	13950
25	9600	9110	16500	11740
26	6400	9360	18710	11490
27	13790	8860	11570	11410
28	19200	33980	14770	22650
29	17230	14770	12310	14770
30	24130	18460	8370	16990
M	13730	11890	13960	13190

Date	I	II	III	M
1	5910	12310	17230	11820
2	10090	17730	8860	12230
3	9360	5420	23390	12720
4	20190	22650	26100	22980
5	46780	31510	16740	31680
6	16740	19200	34960	23630
7	20680	7390	33480	20520
8	14770	7390	34470	18880
9	16250	12310	26590	18380
10	25110	34960	28560	29540
11	29540	18220	22900	23550
12	13790	8370	19700	13950
13	10830	10830	13290	11650
14	13290	14280	10830	12800
15	10830	18220	10340	13130
16	19700	62530	10830	31020
17	9850	5420	5170	6810
18	7630	68940	10830	29130
19	30530	13290	25110	22980
20	21170	10830	33730	21910
21	15760	8860	37420	20680
22	10340	9110	20930	13460
23	25850	16500	13290	18550
24	11330	30530	13290	18380
25	13290	21170	46780	27080
26	25600	17730	35950	26430
27	26100	27570	18220	23960
28	17730	33980	20190	23970
29	7880	6890	9360	8040
30	5420	8860	19700	11330
31	21170	14770	8370	14770
M	17210	19280	21180	19220

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Novembre — November

1972

Décembre — December

Date	I	II	III	M
1	8860	11820	11330	10670
2	8860	11820	21670	14120
3	18710	11820	7880	12800
4	7880	10340	10590	9600
5	10340	28070	12310	16910
6	16740	11820	11820	13460
7	11330	10340	15260	12310
8	9360	15260	22160	15590
9	10340	17730	14770	14280
10	20680	12310	14770	15920
11	5420	14280	16500	12070
12	6890	15510	7880	10090
13	16000	16740	10830	14520
14	6890	23140	11080	13700
15	31020	11330	12800	18380
16	11330	16990	6400	11570
17	21170	12310	19200	17560
18	14770	9850	11330	11980
19	5910	48750	17230	23960
20	19700	16250	17230	17730
21	6890	14770	7880	9850
22	8860	15020	10830	11570
23	17730	16740	24620	19700
24	10830	6890	19700	12470
25	13790	15260	12560	13870
26	12800	10830	6890	10170
27	4920	11820	16250	11000
28	13290	8120	22160	14520
29	14530	16500	18460	16500
30	14770	17230	43820	25270
M	12690	15320	15210	14400

Date	I	II	III	M
1	48750	7390	16740	24290
2	19700	22160	37180	26350
3	11330	21170	26100	19530
4	31020	16740	18220	21990
5	10340	12310	33980	18880
6	20190	18460	13790	17480
7	15260	16740	24620	18870
8	21170	23640	26590	23800
9	32990	18220	20680	23960
10	12310	20680	23140	18710
11	25110	22650	22160	23310
12	24130	10830	25110	20020
13	32500	31020	11570	25030
14	25600	27080	37420	30030
15	14280	17230	10340	13950
16	18220	19700	9850	15920
17	6160	9110	13050	9440
18	15760	32500	27570	25280
19	14770	10830	12800	12800
20	27570	22650	27080	25770
21	27080	13790	12310	17730
22	8860	14280	59070	27400
23	40380	34220	15260	29950
24	14770	17730	45640	26050
25	10340	17230	20680	16080
26	12060	20430	9110	13870
27	15510	27570	17230	20100
28	62530	31510	32010	42020
29	28560	36930	51700	39060
30	33480	50220	17730	33810
31	18220	28560	29050	25280
M	22550	21730	24120	22800

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5 cm	mb				%					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	126.8	124.9	123.2	125.0	2.2	1.6	2.4	0.5	1.7	2.8	0.4	2.4	-0.6	5.2	5.1	5.1	5.1	75	76	70	80	75	NE	1	E	1	NNE	1	1.0
2	120.6	120.3	120.8	120.6	0.0	-1.0	-2.6	-3.0	-1.6	0.7	-3.1	3.8	-3.6	4.7	4.3	4.4	4.5	80	83	86	91	85	NNE	1	SSE	2	E	2	1.7
3	119.4	118.2	117.5	118.4	-3.1	-3.0	-1.5	-1.1	-2.2	-1.1	-3.0	1.9	-3.7	4.2	4.3	4.8	4.4	90	86	78	85	85	SE	3	SSE	3	ESE	3	3.0
4	114.1	113.3	113.3	113.6	-1.2	-3.8	0.7	-2.2	-1.6	0.8	-4.7	5.5	-8.0	4.2	5.0	4.5	4.6	85	92	78	87	86	ESE	2	S	2	ESE	1	1.7
5	113.0	113.3	113.9	113.4	-2.9	-4.2	-1.7	-2.0	-2.7	-1.5	-4.7	3.2	-8.5	4.1	4.8	4.7	4.5	89	91	90	89	90	ENE	2	E	3	E	3	2.7
6	115.1	115.8	116.4	115.8	-1.4	-1.6	-0.9	-1.2	-1.3	-0.8	-3.1	2.3	-2.8	5.1	4.7	5.0	4.9	83	94	83	89	87	E	3	E	3	E	3	3.0
7	115.9	114.9	114.0	114.9	-1.3	-1.4	-0.3	-0.5	-0.9	-0.1	-1.6	1.5	-2.6	5.2	5.5	5.4	5.4	90	94	92	92	92	ENE	2	ESE	1	E	2	1.7
8	112.7	110.7	109.3	110.9	-0.6	-1.2	0.0	-0.6	-0.6	0.7	-1.3	2.0	-2.1	5.2	6.0	5.5	5.6	93	93	98	94	94	E	1	ENE	2	E	1	1.3
9	109.5	108.2	109.5	109.1	-1.5	-1.6	-0.4	-2.5	-1.5	-0.1	-2.5	2.4	-3.1	5.0	5.7	4.5	5.1	93	92	96	89	92	C	0	NNE	1	N	1	0.7
10	111.4	111.6	111.2	111.4	-3.4	-3.5	-2.1	-2.4	-2.8	-1.6	-3.6	2.0	-11.3	4.0	4.3	4.4	4.2	88	85	83	87	86	WNW	1	SSW	2	WSW	3	2.0
11	112.9	114.1	116.1	114.4	-1.7	-5.3	-4.8	-5.3	-4.3	-1.9	-6.4	4.5	-13.2	3.1	3.1	3.4	3.2	80	75	74	82	78	NNW	2	NNW	3	N	2	2.3
12	118.0	118.7	121.5	119.4	-6.7	-6.4	-6.3	-11.3	-7.7	-5.3	-11.3	6.0	-20.4	3.5	2.8	2.1	2.8	88	91	73	83	84	ENE	2	NNE	2	ENE	1	1.7
13	124.1	123.3	121.7	123.0	-17.5	-19.5	-13.2	-16.9	-16.8	-11.3	-19.8	8.5	-24.7	0.9	1.2	1.0	1.0	78	71	52	59	65	E	2	E	2	E	2	2.0
14	118.5	117.5	117.0	117.7	-18.0	-18.5	-11.2	-16.4	-16.0	-11.2	-18.5	7.3	-24.2	0.8	1.0	1.1	1.0	56	55	38	66	54	E	1	ESE	2	SE	1	1.3
15	118.9	119.7	121.8	120.1	-21.5	-24.8	-14.8	-18.6	-19.9	-14.5	-26.0	11.5	-32.9	0.5	1.0	0.8	0.8	96	59	51	60	66	C	0	E	1	E	2	1.0
16	124.4	123.6	123.2	123.7	-20.5	-20.3	-13.4	-17.4	-17.9	-13.4	-21.2	7.8	-26.6	0.8	1.3	1.2	1.1	-	62	60	79	(67)	C	0	E	3	E	2	1.7
17	122.3	120.6	119.1	120.7	-18.8	-18.7	-13.6	-17.2	-17.1	-13.6	-19.1	5.5	-23.4	0.9	0.7	0.9	0.8	74	66	31	59	58	ESE	2	SE	4	SE	4	3.3
18	113.1	111.2	111.8	112.0	-16.3	-14.8	-9.5	-8.3	-12.2	-8.1	-20.2	12.1	-21.0	1.5	1.8	2.6	2.0	65	78	60	80	71	SE	4	ESE	4	ESE	3	3.7
19	110.9	108.2	106.9	108.7	-8.3	-9.5	-5.3	-4.9	-7.0	-3.5	-10.6	7.1	-16.5	2.5	2.6	3.6	2.9	75	85	63	86	77	ESE	2	SE	2	SE	2	2.0
20	106.0	105.2	105.0	105.4	-7.0	-8.2	-1.2	-3.6	-5.0	-0.4	-8.7	8.3	-14.8	2.9	3.7	3.7	3.4	91	89	66	78	81	SE	2	SE	2	E	2	2.0
21	107.3	105.4	108.1	106.9	-6.3	-5.1	-3.2	-2.8	-4.4	-2.7	-8.4	5.7	-16.4	3.8	4.1	4.4	4.1	87	90	86	88	88	SE	2	SE	3	SSE	2	2.3
22	112.8	114.6	116.8	114.7	-4.8	-12.3	-7.1	-8.3	-8.1	-2.8	-12.9	10.1	-20.8	2.0	2.3	2.8	2.4	88	85	63	86	80	SE	1	SSE	2	S	1	1.3
23	118.8	119.2	118.9	119.0	-8.5	-7.0	-4.6	-4.4	-6.1	-4.0	-9.8	5.8	-14.0	3.2	3.5	3.7	3.5	88	88	81	84	85	C	0	C	0	C	0	0.0
24	117.2	114.2	111.5	114.3	-4.6	-6.5	-4.6	-7.0	-5.7	-4.0	-7.0	3.0	-8.1	2.9	3.1	2.9	3.0	82	78	72	80	78	SSE	1	E	1	E	2	1.3
25	107.3	105.6	106.0	106.3	-11.3	-11.8	-9.4	-14.8	-11.8	-7.0	-14.8	7.8	-21.4	2.0	2.0	1.7	1.9	83	82	66	87	80	SSE	2	E	2	E	1	1.7
26	106.6	106.3	105.8	106.2	-14.1	-12.0	-10.1	-11.9	-12.0	-9.6	-17.8	8.2	-25.3	2.1	1.9	1.7	1.9	85	85	68	71	77	E	2	S	1	SSE	2	1.7
27	99.1	97.3	98.2	98.2	-11.3	-11.6	-10.2	-11.1	-11.0	-9.5	-12.3	2.8	-15.5	1.9	1.8	2.0	1.9	74	75	64	76	72	E	2	E	4	E	3	3.0
28	104.2	106.2	108.0	106.1	-9.5	-10.6	-8.5	-9.6	-9.6	-7.9	-11.2	3.3	-16.4	2.2	2.1	2.3	2.2	77	80	65	78	75	ESE	2	E	3	ENE	2	2.3
29	107.9	107.3	107.9	107.7	-10.2	-12.0	-9.9	-10.8	-10.7	-9.6	-12.1	2.5	-14.8	1.9	2.2	2.0	2.0	74	78	75	76	76	ENE	3	ENE	3	NNE	1	2.3
30	106.6	106.0	105.2	105.9	-8.6	-6.6	-5.2	-2.4	-5.7	-2.4	-10.8	8.4	-11.8	3.1	3.6	4.4	3.7	80	83	88	87	84	ENE	3	E	2	E	3	2.7
31	108.8	113.7	116.9	113.1	0.4	-0.3	-3.2	-6.0	-2.3	1.2	-6.1	7.3	-6.7	5.4	3.8	2.9	4.0	88	90	79	74	83	ESE	3	ESE	4	ESE	4	3.7
M	113.7	113.2	113.4	113.4	-7.7	-8.4	-5.7	-7.2	-7.2	-4.6	-10.1	5.5	-14.0	3.1	3.2	3.2	3.2	82	82	72	81	79		1.7		2.3		2.0	2.0

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipi- tation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	10	10	10	10.0	Sc	Sc	Sc	.	.	
2	10	10	10	10.0	St	St	St	.	.	
3	10	10	10	10.0	St	St	St	.	.	
4	1	9	4	4.7	Cu	Ac, Ci	Ac	.	.	$\sqcup^0 n-10; =n-8^{30}$
5	10	10	10	10.0	As	As	As	0.0	.	$\sqcup^0 n-11$
6	10	10	10	10.0	St	St	St	0.0	.	$\Delta^0 n-6^{15}; \Delta^0 6^{54}-9^{45}; \Delta^0 10^{50}-11^{20}; \Delta^0 12^{20} np; \Delta^0 9^{45}-10^{50}$
7	10	10	10	10.0	Ns	Ns	Ns	1.6	.	$\Delta^0 n-np$
8	10	10	10	10.0	St	St	Ns	1.7	5	$\Delta^0 n, \Delta^0 8^{30}-11^{22}, \Delta^0 16^{21}-np$
9	10	10	10	10.0	St	Ns	Ns	0.7	7	$\Delta^0 8^{11}-p, \Delta^0 17^{47}-np$
10	10	10	10	10.0	Sc	Ns	Ns	0.9	7	$\Delta^0 11^{39}-14^{10}, \Delta^0 17^{21}-np$
11	10	10	10	10.0	Ns	Sc	Sc	0.0	7	$\Delta^0 n, \Delta^0 10^{27}-12^{40}$
12	10	10	0	6.7	St	Ns	.	0.0	7	$\Delta^0 7^{05}-10^{50}; \Delta^0 10^{50}-14^{10}$
13	0	0	0	0.0	.	.	.	.	7	
14	4	2	0	2.0	Ac	Cc	.	.	7	
15	0	0	0	0.0	.	.	.	.	6	$\sqcup^0 n-9$
16	0	0	1	0.3	.	.	Cl	.	6	
17	0	0	0	0.0	.	.	.	.	6	
18	10	10	10	10.0	Ac, As	Ns	Ns	4.7	6	$\Delta^0 2 11^{15}-18^{28}, \Delta^0 19^{20}-np$
19	10	10	10	10.0	Sc	Sc	Ac	.	11	
20	8	9	0	5.7	Cs	Cl	.	.	11	$\sqcup^0 17-np$
21	10	10	10	10.0	St	St	St	.	11	$\sqcup^0 n-np$
22	0	0	10	3.3	.	.	Sc	.	10	$\sqcup^0 n-8, \sqcup^0 p-np$
23	10	10	10	10.0	St	St	St	0.2	10	$\sqcup^0 n-a; \Delta^0 8^{12}-17^{52}$
24	10	10	10	10.0	St	Sc	St	0.0	9	$\Delta^0 6^{48}-11^{11}; \Delta^0 11^{11}-12^{00}$
25	10	0	0	3.3	Ns	.	.	0.0	9	$\Delta^0 1 n-10^{18}$
26	10	0	0	3.3	Ns	.	.	0.0	10	$\Delta^0 n-8^{40}; \Delta^0 n-10$
27	10	9	0	6.3	St	Ac	.	.	10	
28	10	10	10	10.0	As	As	Ns	0.8	10	$\Delta^0 8^{06}-9^{54}, \Delta^0 11^{14}-11^{28}$
29	10	10	10	10.0	Ns	Ns	Ns	2.7	12	$\Delta^0 n-15^{20}, \Delta^0 16^{47}-np$
30	10	10	10	10.0	Ns, Ac	St	St	5.6	14	$\Delta^0 n-6^{41}, \Delta^0 7^{17}-8^{50}, \Delta^0 14^{22}-16^{28}$
31	10	10	10	10.0	Ns	St	Ns	0.2	18	$\Delta^0 1 n; \Delta^0 18^{00}-18^{09}; \Delta^0 18^{22}-np$
M	7.8	7.4	6.6	7.3				19.1*		*Le total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C									+ 5 cm	mb				%					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	6 ^h	12 ^h	18 ^h	M	
1	117.8	116.9	119.3	118.0	-8.1	-9.0	-6.5	-6.9	-7.6	-6.0	-9.6	3.6	-9.9	2.4	2.3	2.9	2.5	76	76	62	80	74	ESE	5	ESE	6	ESE	4	5.0		
2	118.0	116.8	116.2	117.0	-7.9	-11.5	-3.4	-6.6	-7.4	-2.1	-12.4	10.3	-18.4	1.5	1.9	2.7	2.0	60	61	41	72	58	SSE	2	ESE	4	E	2	2.7		
3	115.9	114.4	112.1	114.1	-8.4	-10.3	-2.4	-5.9	-6.8	-1.5	-10.8	9.3	-16.8	2.2	2.5	2.6	2.4	65	77	49	66	64	SE	3	ESE	4	ESE	2	3.0		
4	111.8	110.0	110.7	110.8	-8.2	-9.6	-1.1	-6.0	-6.2	-0.8	-11.1	10.3	-20.2	2.1	2.3	2.2	2.2	56	72	41	56	56	SE	3	SSE	4	E	1	2.7		
5	111.4	111.1	111.7	111.4	-8.6	-10.2	-0.1	-5.0	-6.0	0.1	-10.9	11.0	-18.4	2.0	2.4	2.4	2.3	79	71	39	56	61	ESE	2	ESE	4	E	3	3.0		
6	112.3	112.2	111.0	111.8	-8.4	-10.7	0.9	-2.2	-5.1	0.9	-10.9	11.8	-17.9	2.3	2.4	2.7	2.5	71	83	36	51	60	SE	2	SSE	3	SSE	3	2.7		
7	108.7	106.7	104.9	106.8	-3.9	-3.8	2.4	1.8	-0.9	3.2	-4.5	7.7	-9.6	2.9	4.4	5.8	4.4	55	62	61	83	65	SSE	3	SSE	4	SSE	4	3.7		
8	101.6	101.4	103.5	102.2	0.7	-0.8	4.4	0.3	1.2	5.2	-1.6	6.8	-3.8	4.7	5.5	5.6	5.3	84	81	66	90	80	S	4	SSE	3	S	1	2.7		
9	105.7	104.7	104.2	104.9	-1.9	-1.6	2.6	2.0	0.3	3.2	-2.8	6.0	-9.0	5.0	6.2	6.5	5.9	91	92	84	93	90	C	0	WSW	1	ENE	2	1.0		
10	102.0	100.6	99.5	100.7	1.7	1.4	2.4	0.8	1.6	2.5	0.8	1.7	-0.3	5.9	5.7	5.6	5.7	92	87	79	86	86	E	2	ESE	3	SE	3	2.7		
11	95.5	94.3	92.1	94.0	0.4	1.6	2.8	2.6	1.8	3.4	0.2	3.2	-0.1	6.1	6.9	7.0	6.7	91	89	93	95	92	SSE	2	SSE	3	SSE	2	2.3		
12	87.9	87.1	88.1	87.7	2.3	2.2	9.0	5.2	4.7	9.3	1.4	7.9	-3.3	6.6	8.1	7.7	7.5	94	93	71	87	86	SSE	2	SSE	4	ESE	2	2.7		
13	90.4	90.6	91.6	90.9	-0.7	-2.9	1.5	1.1	-0.2	5.2	-3.8	9.0	-5.8	4.7	6.4	6.5	5.9	92	95	94	98	95	C	0	ENE	1	ENE	2	1.0		
14	93.7	96.4	100.1	96.7	1.0	1.5	2.1	1.7	1.6	2.4	0.5	1.9	0.3	6.7	6.8	6.8	6.8	98	98	96	98	98	NNE	2	N	2	N	1	1.7		
15	104.1	105.4	106.8	105.4	1.1	0.5	1.8	0.9	1.1	1.7	0.3	1.4	0.1	6.2	6.6	6.4	6.4	98	98	94	98	97	NNW	2	NNW	2	NNW	2	2.0		
16	108.5	109.0	110.0	109.2	0.0	0.3	2.3	1.6	1.0	2.8	0.0	2.8	0.0	6.1	6.6	6.3	6.3	96	98	91	93	94	NNW	1	E	1	ESE	1	1.0		
17	111.0	110.5	110.6	110.7	1.3	0.6	6.7	2.7	2.8	7.0	0.4	6.6	-1.5	5.9	5.6	5.2	5.6	92	92	57	70	78	SE	2	SE	4	ESE	3	3.0		
18	111.3	111.3	111.7	111.4	0.5	-0.5	2.0	0.7	0.7	2.7	-0.6	3.3	-1.8	4.8	5.3	5.4	5.2	81	81	75	85	80	SE	3	ESE	3	E	3	3.0		
19	112.8	113.1	112.0	112.6	-0.2	-0.1	0.5	0.2	0.1	1.2	-0.2	1.4	-1.7	5.3	5.2	5.2	5.2	87	88	82	84	85	E	3	E	4	ESE	4	3.7		
20	111.1	110.2	110.3	110.5	-0.6	-0.7	3.5	1.3	0.9	3.9	-0.7	4.6	-1.0	4.8	5.3	5.2	5.1	86	83	68	77	78	ESE	4	ESE	3	ESE	4	3.7		
21	111.4	112.1	112.7	112.1	0.3	-0.1	7.6	2.5	2.6	8.0	-0.6	8.6	-2.2	5.6	6.4	6.1	6.0	91	92	61	84	82	SE	2	SSE	3	ESE	2	2.3		
22	113.5	113.9	114.5	114.0	0.5	-1.7	7.0	1.0	1.7	7.3	-2.7	10.0	-5.0	5.0	7.3	6.3	6.2	96	93	73	96	90	SE	1	ENE	1	ENE	2	1.3		
23	115.6	116.3	117.8	116.6	0.2	0.6	0.8	0.2	0.4	1.0	0.1	0.9	0.0	5.8	6.1	5.9	5.9	94	90	94	96	94	NE	2	NE	2	NNE	2	2.0		
24	120.4	120.8	120.5	120.6	0.4	0.8	3.2	2.3	1.7	3.4	0.1	3.3	-0.3	6.2	6.6	6.3	6.4	97	96	86	87	92	NNE	1	ENE	2	E	1	1.3		
25	116.0	114.2	112.7	114.3	1.7	1.1	3.3	2.8	2.2	3.4	1.1	2.3	0.8	6.0	6.7	6.4	6.4	95	90	86	86	89	ENE	2	SE	3	ESE	2	2.3		
26	109.2	108.0	107.4	108.2	-1.0	-1.1	2.1	-2.1	-0.5	3.6	-2.2	5.8	-4.9	5.5	6.3	4.9	5.6	98	98	89	93	94	ENE	1	ESE	1	C	0	0.7		
27	108.2	108.7	108.9	108.6	-3.3	-3.3	0.4	0.4	-1.4	0.8	-6.0	6.8	-7.8	4.6	6.2	5.9	5.6	98	97	98	94	97	C	0	E	2	E	2	1.3		
28	108.7	108.8	108.6	108.7	0.7	0.9	1.5	1.0	1.0	1.6	0.4	1.2	-0.2	6.0	6.2	6.6	6.3	98	92	91	100	95	E	2	ENE	2	C	0	1.3		
29	108.9	109.0	109.0	109.0	0.6	0.6	3.7	2.5	1.8	4.1	0.5	3.6	0.0	6.4	6.6	6.8	6.6	100	100	83	93	94	C	0	C	0	C	0	0.0		
M	108.4	108.1	108.2	108.2	-1.6	-2.3	2.1	0.0	-0.4	2.7	-3.0	5.7	-5.5	4.8	5.4	5.4	5.2	87	87	74	84	83		2.0	2.7	2.1	2.3				

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	10	9	10	9.7	Ns	As, Ac	Ns	0.4	17	*06 ⁰⁴ -7 ¹⁵ , *07 ⁴⁹ -8 ⁰² , *018 ²⁸ -11 ¹² , *0112 ⁵⁷ -np
2	0	0	0	0.0	.	.	.	.	17	.
3	3	0	0	1.0	Ci	.	.	.	17	☐ ⁰ n-7
4	0	2	0	0.7	.	Ci	.	.	16	.
5	1	0	0	0.3	Ci	.	.	.	16	☐ ⁰ n-9
6	0	6	5	3.7	.	Ci	Ac, Ci	.	15	.
7	10	9	8	9.0	As	Ac	Ac	.	15	.
8	4	10	9	7.7	Ac	Cs	Cs	.	14	=15-np
9	10	10	10	10.0	≡ ¹	As	As	.	13	≡ ¹ n-8 ⁰⁰ ; =8 ⁰⁰ -10 ⁰⁰ ; ☐ ⁰ n-7
10	10	9	10	9.7	Ac	Sc	Sc	.	11	.
11	10	10	10	10.0	St	St	Sc	.	8	=n-p
12	9	1	10	6.7	Ac	Ac	As	.	6	☐ ⁰ n-7 ³⁰
13	9	10	10	9.7	Ac	St	St	0.7	.	=n-11 ¹⁰ ; ☐ ⁰ n-7; *016 17 ⁴⁴
14	10	10	10	10.0	St	St	St	1.0	.	*0n-9 ¹² ; *018 ⁰⁵ np; *09 ¹² -9 ²⁵ ; =n 10
15	10	10	10	10.0	Ns	Ns	St	0.4	.	=n-10; *06 ¹⁸ 9 ⁰⁸ ; *09 ⁰⁸ 10 ¹² ; *012 ⁰² 12 ³⁴ ; *014 ⁰⁷ -np
16	10	10	10	10.0	St	Ns	Ns	.	.	=n-11
17	10	1	0	3.7	St	Ci	.	.	.	.
18	10	10	9	9.7	Sc	As	Cs	.	.	.
19	10	10	3	7.7	St	St	Cu	.	.	.
20	10	0	10	6.7	St	.	Sc	.	.	.
21	1	4	9	4.7	Ci	Ci	Ac	0.0	.	☐ ⁰ n 6 ⁴⁵ ; *018 ⁴⁹ -19 ¹¹
22	10	0	10	6.7	St	.	As	0.0	.	≡ ⁰ n-6 ⁴⁹ ; =6 ⁴⁹ -9; =17 ³² -np; ☐ ⁰ n 9
23	10	10	10	10.0	St	St	St	0.1	.	*0n-11 ³⁰ ; *01p np; =n-8
24	10	10	10	10.0	St	St	St	.	.	.
25	10	10	10	10.0	St	St	St	.	.	.
26	10	10	0	6.7	≡ ²	St	≡ ⁰	.	.	≡ ¹ n-7 ⁴⁵ ; ≡ ⁰ 7 ⁴⁵ -10 ²⁰ ; ≡ ⁰ 16 ⁴¹ -np; =10 ²⁰ -11; ☐ ⁰ n 9 ³⁰
27	10	10	10	10.0	St	St	St	0.1	.	≡ ⁰ -2n-9; =9 p; ☐ ⁰ -1n-10; *010 ⁵⁷ np
28	10	10	10	10.0	St	St	St	0.2	.	*pt.06 ²³ -a; *013 ²¹ -17 ⁴⁶ ; *017 ⁴⁶ np; =17 ³⁵ -np
29	10	10	10	10.0	≡ ²	St	Ns	1.0	.	≡ ² n-11 ²³ ; ≡ ¹ 11 ²³ -9 ³⁴ ; ≡ ⁰ 9 ³⁴ -10 ⁰³ ; =10 ⁰³ 10 ⁵⁵ ; *kr.017 ⁴⁷ 18 ¹⁵ ; *018 ¹⁵ 18 ³³
M	7.8	6.9	7.3	7.3				3.9*		*L.e. total mens. Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5 cm	mb				%					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	109.4	109.9	110.5	109.9	1.4	0.6	3.5	2.6	2.0	4.0	0.5	3.5	0.0	6.3	6.8	6.4	6.5	98	98	86	88	92	C	0	C	0	NNE	1	0.3	
2	111.4	110.8	110.0	110.7	0.7	0.5	2.6	1.0	1.2	2.7	0.1	2.6	-0.3	5.8	5.5	6.3	5.9	98	92	75	96	90	NNE	1	ENE	2	NE	1	1.3	
3	107.6	107.8	108.5	108.0	0.5	0.1	1.2	0.6	0.6	1.2	-0.4	1.6	-0.5	5.9	6.3	5.6	5.9	98	96	94	88	94	E	1	ESE	2	ESE	2	1.7	
4	107.5	106.5	105.8	106.6	0.3	0.1	1.4	1.4	0.8	1.7	-0.4	2.1	-0.4	5.3	5.1	4.9	5.1	84	86	76	72	80	E	2	SSE	3	SE	4	3.0	
5	102.2	101.0	101.7	101.6	1.1	0.7	4.6	1.3	1.9	5.0	0.5	4.5	-0.3	5.3	5.4	4.9	5.2	88	83	63	74	77	ESE	4	ESE	6	ESE	5	5.0	
6	100.6	100.6	100.2	100.5	0.5	0.3	2.5	1.1	1.1	3.5	-0.4	3.9	-1.0	4.6	4.6	4.5	4.6	72	73	63	68	69	ESE	4	ESE	5	SE	5	4.7	
7	98.5	98.5	98.9	98.6	0.2	0.3	6.2	4.1	2.7	7.0	-0.4	7.4	-1.4	5.3	6.2	6.4	6.0	78	84	66	79	77	SE	3	SSE	5	ESE	3	3.7	
8	100.0	99.7	97.7	99.1	2.6	2.1	6.9	7.5	4.8	7.8	0.8	7.0	-0.7	6.2	7.9	8.9	7.7	79	87	80	86	83	SE	3	SSE	3	ESE	3	3.0	
9	99.5	101.0	102.0	100.8	7.3	5.0	9.1	2.6	6.0	10.7	2.6	8.1	-2.3	7.9	7.0	6.4	7.1	99	90	61	88	84	S	3	WSW	4	C	0	2.3	
10	105.5	107.4	111.9	108.3	0.4	-1.5	3.5	-0.9	0.4	6.1	-1.9	8.0	-4.7	5.4	6.9	4.2	5.5	100	99	88	73	90	C	0	ENE	4	ENE	4	2.7	
11	120.1	123.0	126.1	123.1	-4.8	-7.2	-2.9	-5.1	-5.0	-0.9	-7.5	6.6	-7.8	2.1	1.7	1.8	1.9	59	60	34	44	49	ENE	4	E	6	ENE	4	4.7	
12	131.5	131.5	130.5	131.2	-8.8	-10.7	-1.1	-4.8	-6.4	0.3	-11.6	11.9	-14.1	2.2	2.1	1.5	1.9	62	80	37	36	54	ENE	2	ESE	2	E	1	1.7	
13	128.6	125.4	122.7	125.6	-8.2	-8.3	7.0	-2.1	-2.9	7.8	-10.1	17.9	-14.0	2.1	2.6	2.7	2.5	63	66	26	51	52	SSE	2	S	2	SSE	1	1.7	
14	119.5	116.4	114.3	116.7	-3.5	-3.1	12.4	4.5	2.6	13.7	-4.2	17.9	-9.4	3.1	3.5	4.0	3.5	69	65	25	48	52	SSE	2	SSE	3	SSE	2	2.3	
15	116.3	115.5	116.5	116.1	-0.1	-0.8	12.2	2.4	3.4	13.5	-4.2	17.7	-8.3	4.6	4.9	5.1	4.9	69	79	34	70	63	SSE	2	WSW	1	C	0	1.0	
16	120.3	120.8	121.1	120.7	-3.0	-2.7	16.0	5.9	4.0	16.0	-4.5	20.5	-7.7	5.0	5.3	6.3	5.5	100	100	29	68	74	C	0	ENE	2	NNE	1	1.0	
17	123.5	122.9	122.6	123.0	0.5	-1.9	14.6	6.2	4.8	15.1	-3.3	18.4	-6.4	5.3	5.6	6.5	5.8	100	100	34	69	76	N	1	NE	2	NNE	1	1.3	
18	122.6	121.2	119.2	121.0	-1.5	-2.3	11.6	4.8	3.2	12.2	-4.0	16.2	-7.7	5.2	5.9	5.5	5.5	100	100	43	64	77	NNE	1	E	3	ENE	2	2.0	
19	115.1	113.3	111.2	113.2	-0.2	0.6	13.2	6.1	4.9	14.3	-1.7	16.0	-6.1	5.9	6.3	7.3	6.5	91	92	41	77	75	E	2	S	3	E	1	2.0	
20	110.1	108.6	107.0	108.6	0.8	2.0	17.2	6.2	6.6	17.2	-0.7	17.9	-5.3	6.5	6.7	6.9	6.7	100	93	34	73	75	SSE	2	WSW	2	SSE	1	1.7	
21	106.3	104.8	104.8	105.3	1.3	1.7	16.2	7.6	6.7	17.0	-0.5	17.5	-5.0	6.5	6.4	8.4	7.1	96	94	35	80	76	SSE	1	WSW	2	WSW	1	1.3	
22	105.6	105.3	102.7	104.5	1.4	3.5	7.7	6.5	4.8	9.9	-0.9	10.8	-4.4	7.4	6.3	7.1	6.9	100	95	60	73	82	WSW	2	W	5	SW	2	3.0	
23	96.8	94.0	91.7	94.2	8.7	7.9	9.6	5.9	8.0	9.8	5.9	3.9	3.0	7.4	8.0	6.6	7.3	69	70	67	71	69	WSW	5	SW	5	W	5	5.0	
24	95.2	97.5	100.9	97.9	1.1	0.6	4.3	3.6	2.4	6.3	-0.6	6.9	-2.5	4.5	4.7	4.5	4.6	97	71	57	57	70	W	4	WNW	6	NNW	3	4.3	
25	104.9	104.1	102.5	103.8	0.0	-0.5	6.6	5.2	2.8	7.7	-2.0	9.7	-4.8	4.9	4.6	4.8	4.8	80	84	47	54	66	W	3	W	4	WNW	2	3.0	
26	100.3	97.2	93.1	96.9	3.1	4.7	12.7	7.9	7.1	13.5	0.3	13.2	-4.5	7.2	7.9	7.0	7.4	87	84	54	66	73	WSW	2	WSW	3	E	1	2.0	
27	87.0	87.6	87.2	87.3	8.1	10.1	7.6	5.7	7.9	10.1	5.7	4.4	-1.3	8.8	9.5	6.1	8.1	66	71	91	67	74	S	3	WSW	3	S	2	2.7	
28	79.0	77.9	83.4	80.1	4.2	6.0	7.1	0.7	4.5	7.5	0.7	6.8	-0.3	7.5	7.3	6.2	7.0	84	80	73	96	83	SSW	4	SSW	5	SSW	1	3.3	
29	90.2	91.9	92.6	91.6	1.2	2.6	5.5	5.0	3.6	8.4	0.3	8.1	-1.3	6.4	6.3	6.4	6.4	100	88	69	73	82	WSW	3	WSW	5	SSW	4	4.0	
30	99.2	99.4	99.2	99.3	2.9	2.3	8.4	6.9	5.1	9.8	1.1	8.7	-0.3	6.0	5.7	7.2	6.3	91	84	52	72	75	WSW	3	WSW	6	SW	4	4.3	
31	97.6	96.3	95.5	96.5	3.7	4.9	11.3	12.0	8.0	12.6	3.3	9.3	1.8	8.2	9.8	9.6	9.2	100	95	73	68	84	S	3	SW	5	SSW	4	4.0	
M	106.8	106.4	106.2	106.5	0.7	0.6	7.7	3.6	3.2	8.8	-1.2	10.0	-3.8	5.6	5.9	5.8	5.8	86	85	57	71	75		2.3		3.5		2.3	2.7	

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	10	10	10	10.0	Ns	Ns	Ns	0.0	.	$\equiv^{0.1} n-7^{30}; = 7^{30}-10^{30}; \bullet^{0} n-6^{20}; \bullet^{0} p(17)$
2	10	10	10	10.0	Ns	Ns	Ns	5.4	.	$\bullet^{0} n, \bullet^{0} 6^{43}-7^{20}; \bullet^{0} 14^{30}-17^{40}; \bullet^{0} 17^{40}-np$
3	10	10	10	10.0	Ns	Ns	St	.	4	*n
4	10	10	10	10.0	Ns	Ns	St	.	.	
5	10	6	10	8.7	Sc	Cu	Sc	.	.	
6	9	10	10	9.7	Sc,Ac	Sc	Sc,Cu	.	.	
7	10	9	10	9.7	Sc	Ac	As	.	.	
8	10	10	10	10.0	Sc	Sc	Sc	3.2	.	$\bullet^{0} 9^{45}-9^{48}, \bullet^{0} 11^{14}-11^{21}, \bullet^{0} 11^{55}-12^{16}, \bullet^{0} p-np$
9	10	3	0	4.3	Sc	Cu	.	.	.	$\bullet^{0.1} n; = 17^{20}-np$
10	8	10	10	9.3	Ac,Ci,Cs	Sc	St	.	.	$= n-7^{30}; \sqcup^{0} n-7^{20}$
11	8	2	0	3.3	Ac	Ci	.	.	.	
12	0	0	0	0.0	.	.	.	.	.	
13	0	0	0	0.0	.	.	.	.	.	$\sqcup^{1} n-7^{15}$
14	0	1	0	0.3	.	Ci,Cc	.	.	.	
15	0	0	0	0.0	.	.	.	.	.	$\sqcup^{0} n-7^{40}; = 16^{30}-np$
16	0	0	0	0.0	.	.	.	.	.	$= n-7; = 17-np; \sqcup^{0} n-6^{45}$
17	0	0	0	0.0	.	.	.	.	.	$\sqcup^{0} n-6^{20}$
18	0	1	0	0.3	.	Ci	.	.	.	$\sqcup^{1} n-6^{15}$
19	0	0	0	0.0	.	.	.	.	.	$\sqcup^{0} n-6^{05}$
20	0	0	0	0.0	.	.	.	.	.	$\sqcup^{0} n-6^{10}$
21	5	10	3	6.0	Cs,Ci	Cs,Ci	Cs	.	.	$= n-6^{35}; \sqcup^{0} n$
22	4	9	8	7.0	Cs	Cs,Ci	Cs	.	.	$= n-8^{30}; \sqcup^{0} n; \omega^{1} 17^{20}-18^{40}$
23	10	10	8	9.3	Sc	Sc	Sc	4.8	.	$\bullet^{0} 14^{18}-14^{40}, \bullet^{0} p-np$
24	0	7	0	2.3	.	Sc,Cu	.	0.0	.	$\bullet n; \bullet n, \bullet^{0} 9^{15}-9^{42}, \bullet^{0} 10^{25}-10^{32}, \bullet^{0} 10^{56}-11^{06}, \Delta^{0.1} 9^{58}-10^{19}, \Delta^{0} 10^{25}-10^{32}$
25	0	7	9	5.3	.	Cu,Ci	Ac	.	.	$\sqcup^{0} n-6^{10}$
26	9	2	2	4.3	Sc	Cu,Ci	Ci	0.3	.	$\omega^{0} 17-np$
27	10	10	10	10.0	Cb	Cb	Cs	1.0	.	$\bullet^{0} n-5^{57}; \bullet^{0} 6^{20}-a, \bullet^{0} 12^{00}$
28	10	9	1	6.7	Sc	Sc	Cu	3.2	.	$\bullet n, \bullet^{0} 6^{23}-6^{45}, \bullet^{0} 8^{18}-a; \bullet^{0.1} p; \Delta^{1} 12^{34}-12^{39}; \bullet^{1} 17^{03}-17^{52}$
29	9	9	5	7.7	Sc	Sc	Cu,Ci	0.0	.	$\bullet n, \bullet^{0} 11^{56}-12^{00}, \bullet^{0} 22^{20}, 22^{25}; \bullet n$
30	9	9	2	6.7	Sc	Cu,Cs	Cu,Ac	1.7	.	$\bullet^{0} 17^{42}-17^{50}$
31	10	10	10	10.0	Ns	Ns,As	Sc	7.1	.	$\bullet^{0} n-11^{04}, \bullet^{0} 12^{02}, 12^{10}$
M	5.8	5.9	4.8	5.5				26.7*		*Le total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5 cm	mb				%					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	6 ^h	12 ^h	18 ^h	M
1	94.1	97.4	103.0	98.2	9.3	4.0	5.7	1.9	5.2	12.0	1.6	10.4	-1.8	7.6	6.5	5.3	6.5	90	93	71	76	82	W	4	NNW	5	NNW	2	3.7	
2	108.9	109.2	106.9	108.3	-0.3	0.3	5.3	1.2	1.6	5.8	-2.3	8.1	-5.0	4.6	5.0	5.5	5.0	79	74	56	83	73	NNW	3	WNW	3	C	0	2.0	
3	93.7	91.0	90.4	91.7	0.6	3.1	12.3	9.0	6.2	12.9	0.1	12.8	-1.8	7.5	11.1	9.5	9.4	82	98	78	83	85	S	3	W	5	WSW	3	3.7	
4	93.7	94.9	95.2	94.6	4.5	4.8	9.6	4.9	6.0	10.6	3.9	6.7	0.2	6.7	6.8	7.3	6.9	94	78	57	84	78	WSW	5	WSW	5	W	1	3.7	
5	92.2	90.7	91.2	91.4	1.2	6.2	14.8	10.2	8.1	15.5	0.5	15.0	-2.8	6.9	9.6	12.1	9.5	100	73	57	97	82	SSE	4	S	3	NNW	2	3.0	
6	95.2	96.3	95.2	95.6	8.1	8.6	11.5	7.8	9.0	12.3	7.5	4.8	2.5	10.7	10.0	9.1	9.9	98	96	73	86	88	SSW	1	SW	4	S	1	2.0	
7	95.7	95.4	94.7	95.3	5.5	6.0	12.2	9.1	8.2	13.0	3.8	9.2	0.5	7.4	7.5	9.4	8.1	100	79	53	81	78	SSW	4	SSW	4	S	2	3.3	
8	95.1	96.0	97.3	96.1	9.2	9.8	17.5	12.2	12.2	18.0	7.1	10.9	3.1	11.2	10.0	11.8	11.0	94	92	50	83	80	S	2	WSW	4	WSW	1	2.3	
9	99.9	99.6	99.4	99.6	8.9	9.1	13.0	10.3	10.3	15.0	8.1	6.9	6.6	11.2	11.0	8.7	10.3	97	97	74	70	84	S	2	S	3	WSW	1	2.0	
10	99.8	97.9	94.2	97.3	3.0	5.5	13.8	8.7	7.8	15.7	0.2	15.5	-2.4	7.9	7.7	8.5	8.0	99	88	49	76	78	SSW	1	S	3	SE	1	1.7	
11	88.4	85.8	87.0	87.1	7.2	7.9	16.4	9.8	10.3	18.0	5.4	12.6	1.9	8.9	9.5	11.2	9.9	91	83	51	92	79	ESE	3	SSE	4	E	1	2.7	
12	91.3	90.9	93.1	91.8	8.1	12.7	22.2	16.0	14.8	23.3	6.5	16.8	3.1	11.0	11.0	15.1	12.4	96	75	41	83	74	SE	2	SE	2	C	0	1.3	
13	96.9	97.4	98.9	97.7	9.8	13.7	21.5	14.2	14.8	21.6	8.7	12.9	6.1	13.4	13.8	13.5	13.6	100	85	54	83	80	WNW	2	NW	3	NNW	4	3.0	
14	98.0	100.3	103.4	100.6	9.4	8.1	7.8	6.4	7.9	14.2	6.4	7.8	6.1	10.8	10.6	9.5	10.3	100	100	100	98	100	NNW	2	NNW	3	NNW	2	2.3	
15	103.9	100.3	97.6	100.6	4.5	6.4	9.1	10.6	7.6	10.7	4.0	6.7	2.2	8.5	9.2	10.4	9.4	99	88	80	81	87	ENE	2	E	3	ENE	2	2.3	
16	97.4	97.3	97.3	97.3	9.2	9.1	12.1	11.3	10.4	12.3	8.4	3.9	8.1	11.4	13.8	13.0	12.7	100	99	98	98	99	C	0	NNW	2	N	2	1.3	
17	97.3	97.8	98.5	97.9	10.1	9.8	11.4	8.5	10.0	12.0	8.5	3.5	8.5	12.0	12.8	10.0	11.6	99	99	95	90	96	N	2	NNW	3	NNW	4	3.0	
18	100.7	100.7	99.7	100.4	5.4	4.4	7.5	6.6	6.0	8.5	3.6	4.9	4.0	6.7	7.2	8.3	7.4	88	80	69	85	80	NNW	3	NNW	2	C	0	1.7	
19	100.7	101.9	105.3	102.6	5.5	6.3	9.0	7.5	7.1	9.3	4.5	4.8	4.3	8.4	7.5	8.9	8.3	97	88	66	86	84	SSE	1	C	0	C	0	0.3	
20	110.2	111.2	110.0	110.5	5.9	6.4	10.5	9.7	8.1	11.6	5.5	6.1	4.2	8.9	7.8	7.7	8.1	100	92	62	64	80	NNE	2	ENE	3	NNE	2	2.3	
21	107.8	105.1	102.8	105.2	5.7	5.1	14.1	11.4	9.1	14.5	4.2	10.3	4.1	7.3	8.5	8.9	8.2	80	83	53	66	70	NNE	2	E	2	E	2	2.0	
22	100.8	99.6	99.0	99.8	10.0	10.2	19.9	13.8	13.5	21.0	6.8	14.2	4.1	9.7	13.3	14.7	12.6	77	78	57	93	76	NNE	1	S	1	N	3	1.7	
23	100.1	100.4	100.5	100.3	9.2	7.3	13.2	8.5	9.6	14.2	6.7	7.5	6.2	7.9	5.7	6.5	6.7	96	77	37	59	67	N	3	N	5	N	2	3.3	
24	100.1	97.9	96.7	98.2	2.7	3.2	1.6	0.7	2.0	8.5	0.6	7.9	-2.3	4.8	6.3	6.4	5.8	75	63	93	100	83	ENE	2	NE	3	NNE	3	2.7	
25	100.9	102.2	102.6	101.9	0.0	-0.6	3.9	2.1	1.4	6.0	-0.9	6.9	-2.3	5.5	5.9	5.3	5.6	98	93	74	75	85	N	3	N	3	N	1	2.3	
26	102.4	99.4	96.0	99.3	-3.0	1.2	8.0	4.4	2.6	9.4	-5.0	14.4	-7.0	4.5	5.1	5.9	5.2	94	68	47	71	70	WSW	1	SSW	3	S	2	2.0	
27	89.7	89.2	92.2	90.4	2.5	3.4	8.3	6.3	5.1	10.5	0.9	9.6	-2.0	7.4	7.5	8.1	7.7	90	95	69	85	85	S	2	WSW	4	NNE	1	2.3	
28	94.6	95.5	97.6	95.9	1.5	4.3	9.8	4.3	5.0	10.7	0.9	9.8	-1.7	7.8	6.0	6.5	6.8	95	93	50	79	79	WSW	2	WSW	4	WSW	2	2.7	
29	101.1	101.3	101.2	101.2	-0.6	3.7	9.6	6.6	4.8	11.0	-1.8	12.8	-4.8	6.8	6.9	6.9	6.9	91	85	58	71	76	SSW	1	S	4	SSE	2	2.3	
30	103.0	102.8	102.7	102.8	3.7	7.6	16.9	11.4	9.9	18.0	3.0	15.0	-1.0	6.9	6.2	7.4	6.8	75	66	32	55	57	SSE	3	SSE	5	C	0	2.7	
M	98.5	98.2	98.3	98.3	5.2	6.3	11.6	8.2	7.8	13.2	3.6	9.6	1.4	8.3	8.7	9.0	8.7	92	85	63	81	80		2.3	3.3		1.6	2.4		

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	10	9	0	6.3	Ns	Sc	.	0.7	.	☉ ⁰ n-7 ²⁶ , ☉ ⁰ 10 ³⁴ -10 ⁴³
2	0	4	10	4.7	.	Cu, Ci	Ac	6.4	.	☉ ⁰ n
3	10	10	10	10.0	Ns	Sc	As	2.4	.	☉ ⁰⁻¹ n-7 ²⁸ , ☉ ¹ 12 ²⁰ -12 ²⁷ ; = n-7 ⁵⁰
4	9	6	2	5.7	Sc	Cu, Sc	Cu	.	.	☉ ⁰ n
5	10	10	10	10.0	Cl, Ac	Cs	Ns	7.8	.	☉ ¹⁻² 17 ¹³ -n
6	6	7	1	4.7	Cl, Cu	Cs, Cl, Cu	Cu, Cl	0.9	.	☉ ⁰ n, ☉ ⁰ 8 ¹³ -8 ²⁵ , ☉ ⁰ 9 ⁰⁹ -9 ¹³
7	9	7	10	8.7	Cl, Cu	Cu, Cl	As	0.1	.	☉ ⁰ n, ☉ ⁰ 15 ⁵⁵ -p
8	9	9	10	9.3	As, Ac	Cl, Cs, Cu	Ns	6.4	.	☉ ⁰ n, ☉ ⁰ 15 ⁵⁷ -17 ⁵⁸ , ☉ ¹ 17 ⁵⁸ -np
9	10	10	7	9.0	As	Cu, As	Cs, Cl	0.0	.	☉ ⁰⁻¹ n-6 ¹⁵ , ☉ ⁰ 6 ⁴⁰ -7 ¹⁵ , ☉ ⁰ 10 ⁴⁵ -10 ⁵⁷ , ☉ ⁰⁻¹ 11 ¹⁵ -11 ³⁴ , ☉ ⁰ 12 ¹⁴ -12 ²²
10	1	9	1	3.7	Cu	Sc, Cu, Cl	Cu, Ac	.	.	☉ ⁰ n: ☉ ⁰ 17-np
11	9	9	0	6.0	Sc	Ac, Sc	.	3.0	.	☉ ⁰ n-7: (R) ⁰ SW 13 ⁰⁸ -S-SE 14 ⁰⁰ ; ☉ ⁰⁻² 12 ³¹ -14 ¹⁰ ; = 17 ⁴⁰ -18 ⁵³
12	6	6	10	7.3	Ac, Cu	Ac, Cu, Cs	.	0.1	.	☉ ⁰ 6 ⁰² -6 ⁰⁷ , ☉ ⁰ 10 ⁰² -10 ⁰⁷ , ☉ ⁰⁻¹ p-18 ⁴⁵
13	6	9	9	8.0	Cu, Ac, Cs	Cl, Cs	As	0.0	.	☉ ⁰⁻¹ n-np: = n-9
14	10	10	10	10.0	St	St	St	0.7	.	☉ ⁰ n: ☉ ⁰ 18 ¹⁷ -18 ²⁶
15	10	10	10	10.0	Ns	Se	St	26.6	.	(F) ⁰ SW n: ☉ ⁰ n-7 ²⁰ , ☉ ⁰⁻¹ 9 ²⁸ -17 ⁴³ ; = p np
16	10	10	10	10.0	Ns	Ns	Ns	7.1	.	☉ ⁰ n, ☉ ⁰ 6 ⁴⁰ -6 ⁵³ , ☉ ⁰⁻¹ 8 ⁰⁷ -8 ¹⁵ ; = 8 ¹⁵ -10 ²⁰
17	10	10	10	10.0	Sc	Se	Se	1.5	.	☉ ⁰ n-8; ☉ ⁰ 11 ⁵⁶ -12 ⁰⁰ , ☉ ⁰ p-np
18	10	10	10	10.0	Sc	Se	Se	0.9	.	☉ ⁰ n
19	10	10	10	10.0	Sc	Se	Ac, Sc	.	.	
20	10	10	10	10.0	Sc	Se	Ac, Sc	.	.	
21	10	8	10	9.3	Sc	Ac, Cu	Sc	.	.	
22	0	9	9	6.0	.	Sc, Cu, Cl	Cl	8.1	.	☉ ⁰ n-6 ¹⁰ ; (R) ¹ SE 15 ³⁴ -R ¹ 16 ¹⁸ -17 ³⁰ -(R) ¹ NE 18 ⁰¹ , (R) ¹ ESE 18 ⁵⁴ -20 ¹³ SSE; ☉ ⁰⁻¹ 15 ⁴³ -17 ⁰⁴ , 17 ⁰⁴ -17 ⁵⁰ , ☉ ⁰ 17 ⁵⁰ -17 ⁵⁵
23	10	1	1	4.0	Sc	Cu	Ac	.	.	☉ ⁰ 21 ⁵⁵ -np
24	10	10	10	10.0	As	Ns	Ns	18.7	.	* pl. ☉ ⁰ 7 ⁵² -8 ¹⁴ , * pl. ☉ ⁰ 8 ⁴⁴ -10 ⁰⁵ , ☉ ⁰⁻¹ 10 ⁰⁵ -np
25	10	9	0	6.3	Ns	As, Sc	.	0.0	8	☉ ¹⁻² n-7 ¹⁹
26	0	1	0	0.3	.	Cu	.	0.2	.	☉ ⁰ n
27	10	9	8	9.0	Ns	Sc, Cl, Cu	Se	2.1	.	☉ ⁰ n-8 ⁴⁰ , ☉ ⁰ 9 ³⁰ -10 ²⁴ , ☉ ⁰ 11 ⁰⁵ -12 ⁵⁸ , ☉ ⁰⁻¹ 13 ³⁴ -p
28	10	3	1	4.7	Ns	Cu	Cu	.	.	☉ ⁰ n
29	1	7	0	2.7	Cu	Cu, Cl	.	.	.	☉ ¹ n: ☉ ⁰ n, ☉ ⁰ 17 ³⁰ -np
30	0	0	1	0.3	.	.	Cl	.	.	
M	7.5	7.7	6.3	7.2				93.7*		* 1 ^{re} total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

Date	Pression barométrique Atmospheric pressure				Température de l'air Air temperature								+ 5 cm	Tension de la vapeur Vapour pressure				Humidité relative Relative humidity					Vent-direction et vitesse Wind velocity and direction						
	900 mb + . . .				°C									mb				%					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	107.6	106.5	106.5	106.9	9.7	13.1	20.0	16.2	14.8	20.7	6.0	14.7	1.7	7.4	6.6	8.3	7.4	67	49	28	45	47	ESE	4	ESE	5	E	3	4.0
2	106.9	105.4	104.5	105.6	9.3	12.7	20.1	16.3	14.6	20.7	6.5	14.2	3.5	7.6	6.1	6.8	6.8	67	52	26	37	46	E	3	E	4	ENE	3	3.3
3	102.8	101.2	100.1	101.4	10.1	11.1	10.0	9.2	10.1	16.3	7.8	8.5	4.6	8.6	10.8	10.1	9.8	58	65	88	87	74	N	1	E	3	E	3	2.3
4	100.2	100.4	100.9	100.5	8.8	9.6	12.1	10.3	10.2	12.4	8.1	4.3	8.0	10.4	11.4	12.0	11.3	90	87	81	96	88	ENE	3	E	2	NE	1	2.0
5	102.7	103.1	102.9	102.9	9.5	10.8	16.8	14.2	12.8	19.3	9.1	10.2	8.4	11.8	11.2	11.6	11.5	55	91	59	72	79	ENE	1	E	2	C	0	1.0
6	103.8	102.9	102.9	103.2	6.4	11.2	23.4	16.7	14.4	23.8	3.9	19.9	1.1	9.7	8.1	10.4	9.4	95	73	28	55	63	N	1	E	2	E	1	1.3
7	103.8	102.5	101.0	102.4	10.9	13.7	22.5	18.7	16.4	23.5	7.0	16.5	3.3	11.8	12.4	13.9	12.7	91	75	46	65	69	SSE	2	S	3	C	0	1.7
8	104.3	105.1	106.1	105.2	10.2	7.2	15.9	11.6	11.2	18.7	6.9	11.8	7.1	9.6	9.7	9.6	9.6	94	94	54	70	78	N	2	N	3	NNE	2	2.3
9	108.0	107.1	106.0	107.0	5.0	10.0	16.9	13.1	11.2	18.1	4.5	13.6	1.1	10.1	9.1	9.5	9.6	93	82	47	63	71	N	1	E	2	E	1	1.3
10	104.0	101.9	99.5	101.8	8.0	12.0	17.7	15.2	13.2	18.8	7.0	11.8	4.1	10.7	8.1	10.0	9.6	95	76	40	58	67	SSE	1	SSW	2	ENE	2	1.7
11	97.4	96.4	96.4	96.7	11.1	13.5	15.9	11.5	13.0	16.0	10.4	5.6	8.4	11.6	12.8	13.1	12.5	87	75	71	96	82	E	2	E	2	N	1	1.7
12	92.5	91.7	91.3	91.8	10.1	11.5	13.4	11.0	11.5	13.7	9.3	4.4	9.4	13.2	14.3	12.6	13.4	98	97	93	96	96	E	1	C	0	WSW	3	1.3
13	95.0	94.6	94.9	94.8	7.7	10.1	16.8	13.8	12.1	18.4	5.9	12.5	3.1	11.6	11.1	11.9	11.5	97	93	58	75	81	S	3	S	3	SSW	1	2.3
14	97.1	96.5	93.3	95.6	9.5	9.7	12.0	12.1	10.8	14.0	5.0	9.0	2.1	10.0	11.2	13.8	11.7	86	83	80	98	87	S	2	ESE	3	ENE	2	2.3
15	96.8	97.9	97.6	97.4	10.9	12.2	16.7	13.7	13.4	17.5	9.4	8.1	8.0	13.5	12.9	15.3	13.9	98	95	68	98	90	SSW	1	C	0	WNW	2	1.0
16	102.9	103.9	101.2	102.7	10.6	11.4	14.0	16.2	13.0	17.0	9.2	7.8	7.5	13.1	15.8	16.7	15.2	98	98	99	90	96	NNE	2	NNE	1	NNE	2	1.7
17	99.0	100.3	101.2	100.2	15.3	15.5	22.5	17.3	17.6	22.8	14.3	8.5	13.5	16.7	16.6	17.1	16.8	92	95	61	87	84	SSE	1	S	3	SW	1	1.7
18	106.0	107.9	108.2	107.4	14.1	12.5	20.0	18.4	16.2	21.5	11.6	9.9	11.6	11.8	12.7	15.3	13.3	89	81	54	72	74	SW	2	SSW	2	E	2	2.0
19	105.7	102.4	100.1	102.7	15.2	17.2	26.5	22.3	20.3	27.9	14.2	13.7	12.1	13.2	15.1	16.2	14.8	74	68	44	60	62	SE	3	ESE	4	ENE	2	3.0
20	99.7	99.5	100.4	99.9	16.9	16.1	22.7	15.5	17.8	23.8	14.2	9.6	13.1	13.9	14.2	13.0	13.7	59	76	52	74	65	SSE	4	SSE	5	S	5	4.7
21	105.7	106.0	106.7	106.1	11.0	13.4	19.6	15.7	14.9	19.8	10.1	9.7	8.4	11.7	11.5	13.0	12.1	87	76	51	73	72	SSW	4	SSW	3	S	2	3.0
22	110.4	109.4	108.6	109.5	7.7	14.2	21.6	15.7	14.8	22.6	6.0	16.6	3.0	13.3	9.4	12.5	11.7	90	82	36	70	70	SSE	1	E	2	C	0	1.0
23	108.7	108.1	108.6	108.5	7.6	15.5	21.2	14.8	14.8	23.1	6.1	17.0	3.8	11.8	10.4	13.0	11.7	91	67	41	77	69	W	1	NNW	2	NNE	1	1.3
24	109.2	107.9	106.5	107.9	8.4	15.6	22.9	19.8	16.7	24.4	6.5	17.9	3.7	13.4	11.5	14.2	13.0	85	76	41	61	66	SSE	1	WSW	2	C	0	1.0
25	106.1	106.3	104.1	105.5	12.1	17.0	17.6	17.0	15.9	19.8	10.7	9.1	7.5	15.5	15.2	15.3	15.3	93	80	75	79	82	WSW	2	SSW	3	SSW	1	2.0
26	105.7	101.6	95.1	100.8	11.4	12.5	18.2	17.5	14.9	19.4	7.0	12.4	3.7	10.6	11.4	14.3	12.1	71	73	54	72	68	WSW	3	S	3	S	3	3.0
27	92.6	91.3	89.5	91.1	15.1	14.8	16.3	12.8	14.8	17.5	12.4	5.1	11.4	12.8	11.5	11.9	12.1	88	76	62	80	76	S	3	SSW	3	SSW	3	3.0
28	90.1	92.1	95.9	92.7	8.8	12.2	16.4	11.8	12.3	17.3	7.9	9.4	4.8	10.4	9.5	10.4	10.1	88	73	51	75	72	SSW	3	WSW	3	WSW	2	2.7
29	101.7	101.6	101.2	101.5	7.6	12.2	14.6	12.3	11.7	16.4	7.0	9.4	3.6	11.0	9.9	13.4	11.4	92	78	60	94	81	W	2	SSW	4	SSW	1	2.3
30	103.3	102.0	100.4	101.9	10.0	12.5	20.5	15.7	14.7	21.4	6.6	14.8	3.4	12.3	9.9	13.7	12.0	94	85	41	77	74	SW	1	S	3	N	2	2.0
31	103.4	103.1	103.1	103.2	10.9	14.2	17.0	16.0	14.5	19.4	7.5	11.9	3.8	11.8	11.8	12.8	12.1	88	73	61	70	73	SSW	1	NNW	1	S	1	1.0
M	102.3	101.8	101.1	101.8	10.3	12.7	18.1	14.9	14.0	19.5	8.3	11.2	6.1	11.6	11.4	12.6	11.9	87	79	56	75	74		2.0		2.6		1.7	2.1

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	0	1	7	2.7	.	Cu	Cl	.	.	
2	3	2	7	4.0	Cl	Cl	Cl	.	.	$\Delta^0 18-np$
3	10	10	10	10.0	As	As	Ns	1.0	.	$\bullet^{0-1} 9^{05}-p$
4	10	10	10	10.0	Ns	Sc	Ns	2.2	.	$\bullet^{0-1} 11^{56}-np$
5	10	9	1	6.7	Sc	Sc,Cu	Cl	.	.	
6	9	5	3	5.7	Cs	Cl	Cl,Ce	.	.	$\Delta^1 n-7^{20}, \Delta^0 18-np$
7	1	7	4	4.0	Cl	Cl,Cu	Cu,Cl	0.2	.	$\Delta^0 n-6, \Delta^0 18^{25}-np$
8	10	2	8	6.7	Sc	Cu	Cl	0.0	.	$\bullet^{0-1} n-6^{12}; \zeta n S$
9	4	9	2	5.0	As,Cu	Sc,Cu	Cl	.	.	
10	8	8	8	8.0	Ac	Sc	Ac,Cl	.	.	
11	10	10	10	10.0	Ac,As	As,Cu	Sc	15.0	.	$\bullet^{0-1} 11^{50}-np; (R)^0 SSE 13^{38}; = 18-np$
12	10	10	10	10.0	Ns	Ns	Ns	3.5	.	$\bullet n, \bullet^{0-1} 10^{18}-12^{16}, \bullet^{0-1} 13^{13}-np$
13	10	8	9	9.0	Ca,Cu	Sc	Ac,Cs	1.4	.	$= 3^{30}-na; \Delta^0 18-np$
14	7	10	10	9.0	Cl	As	Ns	4.6	.	$\bullet n, \bullet^{0-1} 9^{54}-13^{18}, \bullet^{0-1} p-17^{47}; = 17-np$
15	10	10	10	10.0	Ns	Sc,Cu,As	Cb	2.9	.	$\bullet^{0-1} 14^{49}-18^{21}; = 16^{28}-np$
16	10	10	9	9.7	Ns	Ns	Ac,Cl	8.7	.	$\bullet^{0-1} n-13; = 8^{55}-p$
17	10	6	9	8.3	Sc	Ac,Cu,Cl,Cs	Ac,Cu	0.4	.	$R_n; \bullet^{0-2} n-6^{17}$
18	6	1	9	5.3	Cu	Cu	Ac,Cs	.	.	$\bullet^0 n$
19	9	2	10	7.0	Ac,Cu	Cu	Ac,As,Cl	.	.	
20	9	9	10	9.3	Cl,Cu	Sc,Cl,Ac	Sc	4.5	.	$\bullet^{0-2} 11^{20}-12^{52}, \bullet^{0-1} p-19^{00}; (R)^0 SE 12^{01}-R^0 12^{01}-12^{40} NW$
21	3	5	8	5.3	Ac,Cu	Cu	Sc,Cu	0.0	.	$\bullet^0 n, \bullet^0 16^{15}-16^{20}, \bullet^0 16^{25}-16^{35}$
22	9	4	8	7.0	Ac	Cu,Cl	Cl,Cu	.	.	$\Delta^1 n-6^{40}$
23	0	5	7	4.0	.	Cu	Ac,As,Cl	0.0	.	$\Delta^0 n-6^{55}; \bullet^0 15^{16}-15^{17}, \bullet^0 15^{31}-15^{33}; (R)^0 15^{33}-15^{44} SE$
24	0	3	0	1.0	.	Cu	.	.	.	$\Delta^1 n-8$
25	9	10	8	9.0	Ac,Cu	As,Cu	Sc,Ac	0.6	.	$\Delta^0 n-7^{30}; \bullet^0 8^{00}-8^{16}, \bullet^0 9^{24}-13^{12}, \bullet^0 13^{54}-14^{10}$
26	10	10	10	10.0	Ac	As	Sc	0.5	.	$\bullet^0 n, \bullet^0 13^{32}-14^{04}, \bullet^0 14^{38}-15^{00}$
27	10	10	10	10.0	Cl,Ce	Cu,As	Ac,Cu	.	.	$\bullet n$
28	10	8	2	6.7	Sc	Sc,Cu	Cu	0.0	.	$\Delta^0 n-7^{15}; \bullet^0 8^{08}-8^{16}, \bullet^0 13^{01}-13^{04}, \bullet^0 16^{26}-17^{08}; (R)^0 WSW 16^{22}$
29	1	10	10	7.0	Cu	Ac,Cu	Sc	1.3	.	$\bullet^0 8^{46}-9^{05}, \bullet^0 12^{39}-13^{43}, \bullet^0 16^{12}-16^{33}, \bullet^0 16^{55}-17^{37}; = 17^{40}-np$
30	9	8	10	9.0	Cl,Cs	Sc,Cu	Sc	0.4	.	$\bullet^0 n, \bullet^0 p, \bullet^0 18^{22}-19^{13}$
31	7	9	7	7.7	Sc,Cu	Sc,As	Cl,Ac	0.5	.	$\bullet^0 n, \bullet^{0-1} 11^{05}-11^{28}$
M	7.2	7.1	7.6	7.3				47.7*		*Le total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5 cm	mb				%					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	103.3	102.6	102.6	102.8	10.5	14.9	18.8	15.2	14.8	19.3	9.7	9.6	7.1	12.2	12.2	11.5	12.0	93	72	56	66	72	S	1	W	1	WNW	1	1.0
2	104.9	106.4	107.0	106.1	8.9	15.3	15.3	15.1	13.6	17.2	8.5	8.7	6.6	11.1	12.8	11.9	11.9	91	64	74	69	74	N	1	W	2	NNE	1	1.3
3	109.9	109.8	110.2	110.0	6.4	13.4	20.5	17.7	14.5	21.4	5.5	15.9	2.2	12.1	9.9	12.1	11.4	100	78	41	60	70	NNW	1	NE	2	NNE	1	1.3
4	112.7	111.8	110.9	111.8	8.0	17.0	24.1	21.4	17.6	25.0	7.0	18.0	3.2	13.2	12.3	12.7	12.7	100	68	41	50	65	ESE	3	SE	3	ESE	2	2.7
5	111.9	110.5	109.7	110.7	13.6	20.0	27.1	23.5	21.0	27.7	13.3	14.4	9.2	12.1	12.2	13.4	12.6	86	52	34	46	54	ESE	4	SSE	4	ESE	2	3.3
6	109.5	108.0	106.9	108.1	15.8	20.1	28.6	25.5	22.5	30.1	14.2	15.9	11.1	13.8	18.4	15.1	15.8	70	58	47	46	55	SE	4	SSE	4	SE	4	4.0
7	107.2	105.8	106.2	106.4	17.6	19.6	30.4	24.6	23.0	31.4	15.1	16.3	13.0	15.3	15.6	19.9	16.9	64	67	36	64	58	SSE	3	S	3	N	1	2.3
8	104.8	102.6	103.7	103.7	17.2	15.3	26.0	17.8	19.1	27.7	14.8	12.9	13.9	16.2	18.8	18.8	17.9	99	93	56	92	85	N	1	WNW	2	NW	1	1.3
9	108.0	106.7	104.6	106.4	14.3	14.6	21.1	18.2	17.0	21.7	10.9	10.8	10.1	10.8	10.9	12.4	11.4	79	65	44	60	62	NNW	3	W	3	C	0	2.0
10	104.1	101.0	99.2	101.4	11.9	17.1	24.3	22.1	18.8	25.0	10.3	14.7	7.8	11.7	13.8	17.0	14.2	93	60	45	64	65	E	2	E	4	ESE	3	3.0
11	99.4	98.6	99.2	99.1	17.7	19.5	27.6	21.4	21.6	28.2	15.7	12.5	13.7	16.6	19.2	19.2	18.3	83	73	52	75	71	E	2	S	3	C	0	1.7
12	99.3	98.0	97.2	98.2	14.8	21.7	30.5	27.1	23.5	31.7	13.3	18.4	10.1	19.2	18.7	17.1	18.3	93	74	43	48	64	SSE	2	S	4	SSE	2	2.7
13	98.3	99.2	101.7	99.7	21.2	24.5	22.3	19.4	21.8	29.7	18.2	11.5	15.6	17.8	23.8	20.4	20.7	73	58	89	90	78	S	3	N	2	N	1	2.0
14	104.3	102.9	100.5	102.6	16.5	18.2	25.0	18.9	19.6	26.7	15.0	11.7	13.8	20.0	22.2	20.8	21.0	94	96	70	95	89	N	2	NE	2	C	0	1.3
15	100.6	99.1	100.4	100.0	16.2	17.0	20.3	17.5	17.8	21.2	15.6	5.6	14.5	18.6	19.2	17.0	18.3	96	96	81	85	90	N	1	SSW	1	W	2	1.3
16	99.0	95.2	97.0	97.1	14.1	14.0	14.8	15.1	14.5	21.4	12.4	9.0	12.8	14.2	16.3	14.9	15.1	88	89	97	87	90	NE	2	SSW	1	SW	4	2.3
17	104.3	106.3	105.9	105.5	12.0	12.6	20.1	16.3	15.2	21.3	10.8	10.5	10.6	13.9	10.8	14.5	13.1	96	95	46	78	79	W	2	NNW	4	WNW	2	2.7
18	105.3	103.8	103.4	104.2	10.4	16.3	21.1	18.3	16.5	22.0	8.8	13.2	6.7	15.1	13.2	13.5	13.9	99	81	53	64	74	SSW	1	WNW	3	NNW	2	2.0
19	102.8	100.6	99.4	100.9	8.8	16.7	23.1	19.9	17.1	23.9	7.5	16.4	5.6	12.0	13.1	14.5	13.2	100	63	46	62	68	C	0	S	3	C	0	1.0
20	101.0	100.3	104.7	102.0	10.3	18.2	22.9	13.4	16.2	25.3	9.9	15.4	7.5	14.3	17.8	12.2	14.8	100	69	64	80	78	SSE	2	W	4	SW	1	2.3
21	108.2	108.0	107.5	107.9	10.5	13.9	19.2	17.8	15.4	20.5	8.6	11.9	7.3	11.2	9.3	13.7	11.4	82	70	42	67	65	W	4	W	3	C	0	2.3
22	106.4	103.3	101.5	103.7	10.5	15.7	26.6	23.2	19.0	27.6	9.9	17.7	7.5	12.8	13.8	16.7	14.4	98	72	40	59	67	S	1	S	4	C	0	1.7
23	98.6	98.0	100.6	99.1	13.4	19.5	19.1	15.8	17.0	26.7	13.4	13.3	10.4	17.2	19.6	17.2	18.0	95	76	88	96	89	SSE	2	W	4	C	0	2.0
24	104.1	104.1	104.0	104.1	13.3	11.6	9.9	10.8	11.4	15.8	9.5	6.3	10.0	13.1	12.0	11.3	12.1	94	96	99	87	94	NNW	2	N	2	NNW	2	2.0
25	102.5	99.7	97.2	99.8	10.4	10.3	9.8	11.6	10.5	11.7	7.9	3.8	6.2	12.0	11.8	13.6	12.5	99	96	97	100	98	WNW	3	W	4	N	1	2.7
26	102.4	104.6	104.2	103.7	9.7	11.0	15.3	14.4	12.6	16.9	8.9	8.0	8.9	11.6	11.6	13.0	12.1	100	89	67	79	84	E	2	C	0	C	0	0.7
27	100.4	99.2	99.5	99.7	10.4	13.5	21.5	19.3	16.2	23.8	8.9	14.9	6.6	14.9	19.8	16.4	17.0	99	97	77	73	86	NNW	3	N	2	C	0	1.7
28	99.5	97.6	97.9	98.3	12.1	17.1	26.6	22.2	19.5	27.0	11.6	15.4	9.9	18.3	18.8	20.1	19.1	97	94	54	75	80	N	1	N	3	N	1	1.7
29	98.4	96.8	96.7	97.3	16.1	20.6	25.7	18.5	20.2	27.7	14.9	12.8	11.5	17.7	16.0	17.4	17.0	95	73	48	82	74	ENE	1	N	3	C	0	1.3
30	96.5	95.8	95.1	95.8	14.0	18.7	26.6	20.9	20.0	26.8	12.3	14.5	10.0	17.4	17.7	21.8	19.0	89	81	51	88	77	C	0	N	1	N	1	0.7
M	103.6	102.5	102.5	102.9	12.9	16.6	22.1	18.8	17.6	24.1	11.4	12.7	9.4	14.5	15.4	15.7	15.2	92	77	59	73	75		2.0		2.7		1.2	2.0

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6h	12h	18h	M	6h	12h	18h			
1	10	9	4	7.7	Cs	Cu, Cs	Cl, Cc, Ac			
2	9	10	9	9.3	Ac, As	Sc	Ac, As	0.6		$\ominus^{0.1} n^{41} - 10^{04}$
3	7	7	0	4.7	Cl	Cu, Cl				$\Delta^0 n - 6^{30}$
4	1	3	2	2.0	Cl	Cu, Cl	Cl			
5	2	1	6	3.0	Cl	Cu	Cl			$\Delta^1 n - 5$
6	0	4	0	1.3		Cu				
7	7	2	4	4.3	Cu	Cu	Cu, Cb	0.4		$\ominus^0 p: (R)^0 S15^{42} - S16^{00}, (R)^1 SSE16^{15} - R^1 16^{20} - 16^{55} - (R)^1 NNE17^{10}, (R)^0 NE18^{07} - NE - N20^{15}$
8	10	3	10	7.7	Sc	Ac, Cl	Cu, Cb, As	2.3		$\ominus^0 n - 7^{03}, \ominus^0 16^{12} - 16^{17}, \ominus^{0.2} 16^{40} - 18^{32}, (R)^0 n, (R)^0 SW15^{50} - W - N16^{15}, (R)^0 SW16^{45} - SSW - S17^{15}$
9	0	3	0	1.0		Ac, Cu				
10	1	3	9	4.3	Cl, Cc	Cu, Cl	Ac, Cl			
11	3	3	10	5.3	Ac, Cu	Cu, Cb	As, Ac	0.0		$(R)^0 n, (R)^0 NE9^{35}, (R)^0 SSE12^{00} - SSE12^{15}, (R)^0 S13^{47} - SW - N14^{25}, \ominus^0 p, \ominus^0 18^{14} - np$
12	4	8	10	7.3	Cl	Cl, Cu	As, Cl, Cc			
13	2	9	7	6.0	Cl, Ac	Cb, Cu, Ac	Ac, Cu, Cl	10.2		$(R)^1 S10^{54} - R^1 11^{01} - 11^{12} - (R)^1 NE12^{32}, (R)^0 S15^{20} - SE15^{40}, \ominus^{0.2} 11^{03} - 11^{20}, \ominus^0 12^{16} - 12^{32}, \ominus^{1.2} 14^{53} - 15^{18}, \ominus^{0.1} 15^{40} - 16^{02}$
14	10	8	10	9.3	Ns	Cs, Cu	Cb, Cu	14.8		$(R)^0 S15^{40} - R^1 16^{40} - 17^{05} - (R)^0 NE18^{00}, \ominus^0 16^{02} - 16^{22}, \ominus^{1.2} 16^{28} - 17^{20}$
15	10	10	8	9.3	Cb	Sc, Cu	Cu, Ac	3.3		$(R)^0 SSW6^{32} - SW6^{50}, \ominus^0 n, \ominus^{1.2} 6^{46} - 8^{02}, \ominus^0 11^{56} - 12^{18}$
16	10	10	10	10.0	Sc	Cb, Sc	Sc	16.4		$(R)^1 S10^{53} - R^1 11^{30} - 11^{44} - (R)^1 N12^{07}, \ominus^{0.2} 11^{03} - 11^{57}, \ominus^0 12^{28} - 12^{31}$
17	10	7	9	8.7	Sc	Cl, Cu	Sc, Cu, Ac	0.0		$\ominus^{0.1} n, \ominus^0 6^{06} - 6^{15}, \ominus^0 6^{32} - 6^{38}$
18	0	1	0	0.3		Cu				$\Delta^0 n - 6^{15}$
19	0	1	0	0.3		Cu				$\Delta^1 n - 6^{40}$
20	4	10	1	5.0	Cl, Cs	As, Cu	Cu	0.0		$\Delta^0 n - 6^{20}, \Delta^0 18^{10} np: \ominus^0 15^{18} - 15^{21}$
21	2	7	7	5.3	Cl	Cl, Cu	Cl, Ac			
22	7	2	3	4.0	Cs, Cl	Cu, Cl	Cl			$\ominus^0 na - 6^{30}$
23	9	10	10	9.7	Ac, As	Cb	Cb, Sc	11.2		$\ominus^{0.1} 11^{26} - 13^{23}, \ominus^{0.1} 14^{12} - 14^{36}, \ominus^{0.2} 16^{29} - 17^{21}, \ominus^0 17^{57} - 18^{10}, (R)^0 S11^{50} - SE - E12^{49}, = 17^{40} np$
24	10	10	8	9.3	Ns	Ns	Cu, Cc	21.0		$\ominus^{0.1} n - 14^{20}$
25	10	10	10	10.0	Ns	Ns	Ns	19.1		$\ominus^{0.1} n np$
26	9	10	2	7.0	Sc	Sc	Cl	4.0		
27	10	9	4	7.7	Ns	Sc	Cl, Ac			$\ominus^{0.1} na: \Delta^0 18^{25} np$
28	4	6	1	3.7	Cu	Cu	Cu	3.7		$\Delta^1 n 8^{20}, (R)^0 NE12^{10} - R^0 12^{35} - 12^{36} (R)^1 SSE13^{11}, \ominus^{0.2} 12^{13} - 12^{51}$
29	1	6	3	3.3	Ac	Cb, Cu, Cl	Cl, Cu	0.0		$R^0 na, (R)^0 SW12^{07} S SE12^{12}, (R)^0 SW12^{54} S13^{48}, \ominus na, \ominus^0 15^{31} - 15^{35}, \ominus^0 15^{58} - 16^{11}$
30	1	3	2	2.0	Cl	Cu	Cl, Cu	6.0		$\equiv^0 n: = 17^{05} np: \ominus^{0.2} 17^{04} - 17^{36}$
M	5.4	6.2	5.3	5.6				113.0*		*I.e. total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5 cm	mb				%					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	97.0	98.1	100.3	98.5	16.5	20.9	18.3	14.9	17.5	24.3	14.9	9.4	13.0	20.9	19.0	15.3	18.4	91	85	90	90	89	C	0	W	3	W	2	1.7	
2	102.0	102.2	101.9	102.0	12.6	11.9	16.0	17.0	14.4	19.3	11.7	7.6	11.8	13.6	15.5	14.7	14.6	97	97	85	76	89	W	3	NNW	3	NNW	1	2.3	
3	102.0	100.9	100.4	101.1	12.6	16.3	19.6	17.5	16.5	21.2	9.9	11.3	7.6	12.9	12.1	14.9	13.3	100	70	53	74	74	NW	2	WNW	4	WNW	1	2.3	
4	100.7	101.6	101.7	101.3	13.9	15.5	17.9	15.9	15.8	18.5	13.3	5.2	12.1	14.6	15.3	15.8	15.2	97	83	75	87	86	W	2	W	2	W	1	1.7	
5	103.1	101.9	101.3	102.1	13.9	16.3	20.5	18.8	17.4	22.9	11.9	11.0	9.4	14.5	12.9	14.6	14.0	94	78	53	67	73	N	1	NNW	4	C	0	1.7	
6	102.6	101.8	100.9	101.8	12.5	17.7	23.7	20.3	18.6	24.8	11.4	13.4	8.7	16.0	15.5	17.8	16.4	97	79	53	75	76	S	1	WSW	1	C	0	0.7	
7	100.8	100.5	100.5	100.6	13.3	18.9	21.3	22.5	19.0	27.1	13.2	13.9	10.8	15.7	20.6	17.0	17.8	95	72	81	63	78	C	0	N	1	NNW	2	1.0	
8	105.3	105.9	106.1	105.8	17.3	18.3	22.1	20.5	19.6	23.7	16.3	7.4	15.0	13.7	15.5	16.6	15.3	97	65	58	69	72	NNW	2	W	3	NNW	2	2.3	
9	108.6	108.2	108.6	108.5	13.9	17.8	24.9	23.1	19.9	26.5	12.7	13.8	11.0	16.2	16.4	19.4	17.3	98	79	52	69	74	C	0	SSW	2	C	0	0.7	
10	108.0	105.4	103.6	105.7	17.9	22.1	28.3	23.3	22.9	28.5	14.2	14.3	11.9	15.5	16.5	19.0	17.0	78	58	43	66	61	SE	2	ESE	2	NE	1	1.7	
11	102.2	100.0	100.6	100.9	16.7	20.8	26.5	18.9	20.7	27.9	13.0	14.9	11.1	17.8	17.5	17.9	17.7	97	72	51	82	76	N	1	N	2	NNW	5	2.7	
12	100.3	101.2	102.6	101.4	14.1	14.3	16.9	18.2	15.9	18.9	13.8	5.1	13.8	16.1	18.8	19.4	18.1	99	99	98	93	97	WNW	2	WNW	3	NNW	2	2.3	
13	106.1	107.4	109.0	107.5	16.5	16.7	19.3	17.8	17.6	20.2	16.2	4.0	16.0	18.2	18.8	16.0	17.7	95	96	84	78	88	NNW	2	N	3	NNW	2	2.3	
14	112.4	113.7	113.8	113.3	15.1	15.8	20.8	21.5	18.3	23.4	14.8	8.6	14.5	15.3	19.0	22.0	18.8	84	85	78	86	83	N	2	WNW	1	N	2	1.7	
15	114.6	112.9	113.0	113.5	19.1	22.4	31.1	24.7	24.3	31.4	18.7	12.7	17.2	22.8	22.6	25.7	23.7	93	84	50	83	78	ENE	2	ENE	4	ENE	1	2.3	
16	113.0	111.2	110.3	111.5	21.4	25.5	31.6	27.4	26.5	31.9	20.3	11.6	18.5	23.4	21.5	24.1	23.0	91	72	46	66	69	ENE	3	E	3	NE	1	2.3	
17	110.1	107.8	106.1	108.0	21.0	24.7	30.1	26.8	25.6	30.9	19.7	11.2	17.7	21.9	19.5	21.2	20.9	97	70	46	60	68	ENE	2	NE	3	NNE	2	2.3	
18	106.2	105.1	103.9	105.1	18.2	23.8	29.5	26.6	24.5	30.6	15.8	14.8	13.5	21.3	18.6	19.2	19.7	100	72	45	56	68	NE	2	NE	4	NNE	1	2.3	
19	105.5	104.6	103.5	104.5	17.5	23.4	29.8	26.3	24.2	30.8	15.2	15.6	12.9	20.2	18.8	20.0	19.7	100	70	45	58	68	NE	1	ENE	3	NNE	2	2.0	
20	103.8	103.6	103.3	103.6	16.4	22.1	26.9	23.8	22.3	28.7	14.8	13.9	12.5	18.6	16.8	19.2	18.2	99	70	47	65	70	ESE	2	SE	4	NNE	1	2.3	
21	103.9	103.6	103.1	103.5	18.5	22.3	27.3	22.8	22.7	29.4	16.5	12.9	14.5	21.3	19.8	24.8	22.0	98	79	55	90	80	E	1	E	3	NNE	1	1.7	
22	105.6	104.7	105.0	105.1	19.6	22.7	27.3	24.4	23.5	28.6	18.7	9.9	17.4	21.0	21.0	19.2	20.4	95	76	58	63	73	NNE	3	NNE	2	NNE	2	2.3	
23	106.4	105.1	104.0	105.2	16.0	19.7	28.2	23.5	21.8	29.5	12.8	16.7	11.0	16.2	11.9	17.5	15.2	84	71	31	61	62	C	0	N	3	C	0	1.0	
24	104.9	104.0	104.0	104.3	13.6	21.4	30.2	26.2	22.8	31.7	12.3	19.4	10.5	18.4	16.6	21.4	18.8	100	72	39	63	68	S	1	WSW	1	E	1	1.0	
25	103.8	102.6	102.0	102.8	17.6	23.4	32.8	26.7	25.1	33.7	15.8	17.9	13.6	21.6	18.8	23.4	21.3	96	75	38	67	69	SSE	1	SW	2	C	0	1.0	
26	101.0	99.8	101.1	100.6	19.4	22.5	29.0	23.5	23.6	29.6	18.2	11.4	16.5	22.5	22.3	19.9	21.6	94	83	56	69	76	SSW	2	NNW	2	NNW	3	2.3	
27	102.4	103.8	104.2	103.5	18.2	16.3	16.1	17.1	16.9	23.5	15.6	7.9	15.6	17.9	17.7	18.9	18.2	98	97	97	97	97	N	2	NNW	2	N	2	2.0	
28	103.4	102.4	102.0	102.6	17.1	20.3	29.1	24.6	22.8	30.3	16.3	14.0	16.0	22.0	20.8	22.5	21.8	96	92	52	73	78	C	0	E	2	ENE	1	1.0	
29	101.6	100.8	100.3	100.9	15.5	22.1	30.9	25.1	23.4	32.0	14.9	17.1	13.2	18.0	17.7	21.6	19.1	95	68	40	68	68	E	2	ESE	3	E	1	2.0	
30	101.0	100.8	100.8	100.9	15.8	19.2	26.3	23.0	21.1	27.6	14.3	13.3	13.0	17.8	18.8	20.1	18.9	93	80	55	72	75	WSW	2	W	2	WSW	1	1.7	
31	102.8	101.3	99.2	101.1	16.2	18.4	25.5	22.1	20.6	26.7	12.8	13.9	10.5	16.1	13.6	16.7	15.5	93	76	42	63	68	C	0	WSW	2	N	1	1.0	
M	104.6	104.0	103.8	104.1	16.4	19.8	25.1	22.1	20.8	26.9	14.8	12.1	13.3	18.1	17.7	19.2	18.3	95	78	58	73	76		1.5		2.5		1.4	1.8	

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipi- tation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	6	10	10	8.7	Ac	Cb	Ns	10.2	.	☉ ⁰ 9 ⁰⁵ -9 ⁰⁸ , ☉ ⁰ 9 ²⁸ -9 ³⁴ , ☉ ⁰ 10 ⁰⁰ -10 ³⁶ , ☉ ⁰ 11 ⁴⁶ -11 ⁵¹ , ☉ ⁰ 12 ¹² -13 ³⁸ ; (K) ¹ SE 9 ⁰⁶ -S-SW 11 ³³ , (K) ⁰ N 11 ²³ -R ⁰ 12 ⁴⁴ -13 ²² SW
2	10	9	7	8.7	Ns	Ns	Ac,Cu	0.4	.	☉ ⁰ 2 ⁿ -7 ¹⁸ , ☉ ⁰ 8 ⁰⁵ -11 ³⁵ , ☉ ⁰ p
3	6	8	10	8.0	Cl	Cu	Sc	0.0	.	☉ ⁰ 18 ¹⁰ -18 ¹²
4	10	10	10	10.0	Sc	Sc	Sc	0.0	.	☉ ⁰ 12 ⁴⁶ -12 ⁴⁹
5	9	3	1	4.3	Sc	Cu,Cl	Cl	.	.	☉ ⁰ n-6 ²⁰
6	9	8	2	6.3	Ac	Sc,Cu,Cl	Cl,Ac	.	.	☉ ⁰ n-3
7	2	9	4	5.0	Cu,Cl,Ce	Cb,Cu	Ac,Cl,Ce	5.6	.	☉ ⁰ n-5; ☉ ⁰ 11 ³⁷ -11 ⁵⁷ , ☉ ⁰ 2 ¹³ 20-13 ⁴⁹ ; (K) ⁰ S 13 ¹² -R ⁰ 13 ¹⁹ -13 ⁴³ WSW
8	0	10	10	6.7	.	Sc	Ac,As	.	.	
9	10	2	0	4.0	Ac	Cl,Ac,Cu	.	.	.	
10	0	2	1	1.0	.	Cl	Cl	.	.	
11	0	7	10	5.7	.	Cu,Cl	Sc	9.1	.	☉ ⁰ n-6 ²⁰ ; ☉ ⁰ 12 ⁵⁹ -13 ¹⁴ , ☉ ⁰ 14 ¹⁶ -14 ³¹ , ☉ ⁰ 15 ⁵⁷ -16 ¹⁰
12	10	10	10	10.0	Ns	St	St	2.0	.	☉ ⁰ 2 ⁿ -6 ⁰² , ☉ ⁰ 1 ^a ; ☉ ⁰ 18 ⁰⁸ -9 ¹⁷ , ☉ ⁰ 10 ⁰⁹ -10 ²⁷ , ☉ ⁰ 11 ²¹ -14 ¹⁵ ; ☉ ⁰ 13 ²² -13 ⁴⁰
13	10	10	10	10.0	St	St	As,Ac	0.0	.	☉ ⁰ n-7 ¹⁰ ; ☉ ⁰ n-7
14	10	10	1	7.0	Sc	Sc	Cl,Ac	.	.	☉ ⁰ np SSE
15	9	3	1	4.3	Sc	Cu,Cl	Cl,Cu	0.4	.	☉ ⁰ 2 ¹⁷ 01-17 ⁰⁶ ; (K) ⁰ W 17 ¹²
16	3	4	1	2.7	Ac	Cu	Cl,Cu	.	.	☉ ⁰ n; (K) ⁰ ESE 14 ⁴⁵
17	2	3	0	1.7	Cl,Ce	Cu	.	.	.	☉ ⁰ n
18	0	2	0	0.7	.	Cu	.	.	.	☉ ⁰ n
19	0	4	2	2.0	.	Cu,Cl	Ac	.	.	☉ ⁰ 1 ⁿ
20	0	8	10	6.0	.	Sc	Sc	0.2	.	☉ ⁰ 18 ²² -20 ⁰⁵
21	2	10	1	4.3	Ac	Cb	Cl	13.7	.	(K) ¹ N 11 ²⁹ -R ¹ 12 ²² -12 ⁴³ -(K) ¹ SSW 13 ¹⁴ ; ☉ ⁰ 2 ¹² 24-14 ⁰⁵ ; ☉ ⁰ 18 ²⁰ -np
22	4	7	8	6.3	Ac	Cu,Cb,Cs	Cl,Cs	0.0	.	(K) ⁰ SW 9 ⁵⁰ -S-SSE 14 ¹⁵ ; ☉ ⁰ 10 ⁴² -11 ⁰⁰
23	1	0	0	0.3	Cl	.	.	.	.	☉ ⁰ 1 ⁿ
24	0	2	0	0.7	.	Cu,Ce,Cl	.	.	.	☉ ⁰ 1 ⁿ
25	0	2	5	2.3	.	Cu	Cl,Cu	.	.	☉ ⁰ n
26	7	1	10	6.0	Ac	Cu	Sc	14.6	.	☉ ⁰ n; (K) ⁰ W 18 ²⁵ -SSW-SE 21 ⁰⁰ ; ☉ ⁰ 2 ¹⁸ 42-np
27	10	10	10	10.0	Ns	Ns	Ns	7.4	.	☉ ⁰ 2 ⁿ -13 ¹⁰ , ☉ ⁰ 13 ⁴⁵ -14 ²⁰
28	4	1	0	1.7	Cu	Cu	.	.	.	☉ ⁰ 1 ⁿ ; (K) ⁰ W 23 ⁰⁴ -NNW na
29	0	4	1	1.7	.	Cu	Cu	.	.	☉ ⁰ n-6 ³⁰
30	8	5	8	7.0	Ac,Cl,Cu	Ac,Cu	Cl,Cs,Cu	.	.	☉ ⁰ n-7
31	5	2	3	3.3	Cl	Cl,Cu	Cl	9.4	.	☉ ⁰ 1 ⁿ -6 ³⁰ ; ☉ ⁰ SSE 19 ²² -20 ⁵⁰ ; (K) ¹ SSE 20 ⁵⁰ -R ¹ 21 ³² -21 ⁵¹ -(K) ¹ NE 22 ⁰⁰
M	4.7	5.7	4.7	5.0				73.0*		*Le total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5 cm	mb				%				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	96.0	96.9	96.6	96.5	17.5	17.3	21.9	18.6	18.8	23.6	16.6	7.0	16.5	19.1	19.9	19.1	19.4	97	97	76	89	90	SSE	3	WSW	2	WNW	1	2.0
2	96.1	96.1	95.7	96.0	15.9	17.1	20.7	18.5	18.0	21.2	15.3	5.9	15.0	18.5	17.4	18.8	18.2	93	95	72	88	87	NNW	1	W	2	C	0	1.0
3	96.7	96.6	95.4	96.2	13.3	15.3	21.0	17.8	16.8	21.6	12.8	8.8	12.0	16.8	16.2	18.6	17.2	95	97	65	91	87	WSW	1	C	0	N	1	0.7
4	95.8	100.3	104.2	100.1	15.4	14.9	18.0	15.5	16.0	18.7	13.8	4.9	13.5	16.6	14.1	12.3	14.3	95	98	68	70	83	NW	3	W	4	WSW	2	3.0
5	107.9	108.0	107.6	107.8	12.0	15.3	21.8	17.8	16.7	22.6	9.5	13.1	7.4	13.0	12.6	16.6	14.1	92	75	48	81	74	WSW	2	WSW	2	C	0	1.3
6	109.4	108.4	107.8	108.5	10.2	15.9	23.3	19.5	17.2	24.7	8.4	16.3	6.7	14.6	12.2	15.6	14.1	96	81	43	69	72	C	0	E	2	NNE	1	1.0
7	105.2	101.3	101.3	102.6	13.9	16.9	25.1	20.6	19.1	26.1	13.2	12.9	11.0	15.2	16.5	17.9	16.5	97	79	52	74	76	N	2	N	4	N	1	2.3
8	102.8	102.9	103.5	103.1	15.9	20.7	26.5	20.4	20.9	27.3	14.7	12.6	12.3	20.4	19.1	22.2	20.6	99	84	55	92	82	WSW	1	S	2	NE	1	1.3
9	106.3	106.8	107.5	106.9	14.7	19.7	28.6	23.8	21.7	29.0	13.5	15.5	12.0	19.7	18.1	24.8	20.9	94	86	46	84	78	SE	1	SW	2	C	0	1.0
10	109.2	108.9	109.5	109.2	18.6	20.3	28.1	22.9	22.5	28.9	15.9	13.0	14.4	20.7	22.1	24.5	22.4	95	87	58	88	82	C	0	SSW	1	C	0	0.3
11	110.6	108.8	104.5	108.0	17.1	19.9	28.5	24.6	22.5	29.4	15.7	13.7	13.5	19.3	21.5	22.0	20.9	94	83	55	71	76	NNW	1	SSW	2	SE	2	1.7
12	110.9	113.5	113.1	112.5	19.2	15.6	18.5	16.7	17.5	24.6	14.8	9.8	13.5	13.1	15.8	16.3	15.1	97	74	74	86	83	W	4	W	2	NNW	1	2.3
13	113.2	112.3	110.5	112.0	10.6	15.7	23.1	18.3	16.9	23.4	8.5	14.9	6.4	13.9	15.1	16.6	15.2	94	78	54	79	76	E	2	SSE	2	ENE	1	1.7
14	110.7	109.2	108.4	109.4	12.3	18.3	26.5	21.1	19.6	27.1	11.0	16.1	8.6	15.6	14.7	17.5	15.9	97	74	43	70	71	SSE	1	SE	4	ESE	1	2.0
15	107.6	106.7	105.0	106.4	16.6	20.3	28.4	22.6	22.0	28.8	13.8	15.0	10.8	14.4	12.8	14.3	13.8	88	60	33	52	58	SSE	2	SSE	5	ESE	2	3.0
16	104.0	102.0	101.9	102.6	18.4	20.2	29.9	23.9	23.1	30.5	14.3	16.2	11.0	15.2	20.9	24.4	20.2	67	64	49	82	66	SE	1	SSE	4	E	1	2.0
17	103.6	103.2	102.0	102.9	20.4	20.5	25.1	21.2	21.8	25.7	17.3	8.4	14.6	20.1	19.8	19.6	19.8	73	83	62	78	74	SSW	1	W	2	NNW	1	1.3
18	97.1	95.8	95.2	96.0	17.4	18.3	20.6	18.8	18.8	21.2	17.2	4.0	16.0	20.2	18.6	19.4	19.4	95	96	77	89	89	WSW	2	WSW	2	C	0	1.3
19	96.2	99.0	100.8	98.7	17.0	14.7	15.6	14.1	15.4	18.8	13.8	5.0	13.6	16.3	15.6	15.7	15.9	81	98	88	98	91	NW	3	W	3	WNW	3	3.0
20	100.0	98.8	96.7	98.5	14.0	14.2	18.1	18.7	16.2	19.4	13.3	6.1	13.5	16.0	18.1	20.3	18.1	99	99	87	94	95	NW	1	N	2	NNW	2	1.7
21	90.9	90.6	92.6	91.4	16.6	16.1	19.2	18.1	17.5	20.6	15.4	5.2	13.6	18.3	19.5	18.9	18.9	98	100	86	91	94	C	0	E	1	SSE	1	0.7
22	94.9	95.6	97.4	96.0	16.3	15.4	16.6	14.8	15.8	18.1	14.4	3.7	14.5	16.7	18.3	16.8	17.3	94	96	97	100	97	NW	1	C	0	NW	2	1.0
23	99.6	102.9	105.1	102.5	13.6	12.6	13.4	13.2	13.2	15.6	12.4	3.2	10.4	14.2	14.7	14.5	14.5	99	98	95	95	97	WSW	2	WSW	4	C	0	2.0
24	108.4	108.0	107.6	108.0	7.4	12.5	18.5	14.9	13.3	18.6	6.5	12.1	4.6	13.1	12.0	12.4	12.5	95	90	57	73	79	SW	2	WSW	3	SW	3	2.7
25	105.9	105.7	105.9	105.8	11.8	13.3	16.9	12.6	13.6	18.0	10.9	7.1	8.9	13.3	11.7	12.5	12.5	92	87	61	86	82	SSW	2	WSW	4	C	0	2.0
26	105.3	104.7	105.0	105.0	7.4	11.6	16.3	13.3	12.2	17.4	6.0	11.4	3.1	12.0	12.0	13.0	12.3	92	88	65	85	82	WSW	1	W	3	W	2	2.0
27	107.0	106.1	106.1	106.4	12.4	12.7	15.9	14.3	13.8	17.2	11.8	5.4	11.5	13.3	13.0	12.9	13.1	91	91	72	79	83	WSW	1	WSW	2	NNW	1	1.3
28	107.7	107.4	108.0	107.7	11.4	11.3	18.4	14.2	13.8	18.9	8.3	10.6	5.4	12.9	12.3	14.2	13.1	91	96	58	88	83	SSW	1	WSW	2	C	0	1.0
29	109.6	109.6	109.4	109.5	8.2	11.2	18.4	13.8	12.9	19.0	6.6	12.4	5.1	13.3	11.9	12.9	12.7	94	100	56	82	83	WNW	1	W	2	N	1	1.3
30	109.2	109.3	108.6	109.0	8.9	11.0	13.4	11.6	11.2	17.2	7.9	9.3	5.6	13.1	13.8	13.1	13.3	94	100	90	96	95	NNW	2	NNW	2	C	0	1.3
31	108.2	107.2	106.2	107.2	10.5	12.0	16.4	13.3	13.0	17.5	9.4	8.1	6.9	13.7	14.1	13.7	13.8	98	98	75	90	90	N	1	N	3	N	2	2.0
M	104.1	104.0	103.8	104.0	14.0	15.8	21.1	17.7	17.2	22.3	12.4	9.9	10.7	15.9	15.9	17.1	16.3	93	88	65	84	82		1.5	2.4	1.1	1.7		

LES ELEMENTS MÉTÉOROLOGIQUES -- METEOROLOGICAL ELEMENTS

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	10	9	7	8.7	Ns	Sc,Cu,Ci	Ci,Ce	0.6	.	● ^{0.2} _{n-6¹⁵} ; ● ^{0.8} _{31-9¹²}
2	10	10	7	9.0	As	As,Cu,Cb	Ac	1.9	.	● ¹ _{na} ; ● ^{0.1} _{7⁴⁵-8³⁰} ; ● ^{0.1} _{12⁴⁸-13³⁰} ; ● ^{0.2} _{19²⁶-21⁰⁷} ; (R) ² _{SSW 19⁴⁰-SSE 20⁵⁷}
3	10	10	10	10.0	St	Ca,Cu	Ns,As	48.5	.	● ^{0.2} _{16¹⁴-np} ; = p-np
4	10	10	7	9.0	Ns	Sc	Ci,Ac,Cu	0.5	.	● ^{1.2} _{n-7⁵⁰} ; ● ^{0.1} _{7⁵⁰-np}
5	3	3	10	5.3	Ci	Cu,Ci	Ca,Cu	.	.	● ⁰ _{n-7²⁰}
6	0	4	5	3.0	.	Cu,Ci,Cs	Cu,Ci,Cs	.	.	≡ na; ● ¹ _{n-8³⁰} ; ● ⁰ _{18²⁰-np}
7	9	1	1	3.7	Sc	Cu,Ci	Ci	0.0	.	● ⁰ _{na-6¹⁰} ; ● ⁰ _{13⁵⁰-14²²}
8	6	7	1	4.7	Cu,Ac	Cu,Cb	Cu	1.3	.	● ⁰ _{11⁵⁶-9¹²} ; ● ⁰ _{12⁵⁰-15³⁸} ; (R) ⁰ _{NE 11⁵⁴-N-NW 14⁴²} ; ≡ 17 ⁵⁰ -np
9	0	3	9	4.0	.	Ci,Cu	Ac	.	.	● ² _{n-9}
10	8	10	3	7.0	Ac	Sc,Cu,Cb	Ci	.	.	● ¹ _{n-7²⁰} ; (R) ⁰ _{NNW 12³⁵-12⁵⁰}
11	1	1	2	1.3	Ci	Cu	Ci,Ac	5.1	.	● ¹ _{n-8³⁰} ; (R) ¹ _{SSW 20⁴⁰-N-NNE (22²⁰)} ; ● ^{1.2} _{np}
12	8	8	0	5.3	Cu	Sc,Cu	.	.	.	● ⁰ _{18-np}
13	7	8	0	5.0	Ac,Ci	Ac,Ci,Cu	.	.	.	● ¹ _{n-6⁵⁵} ; ● ⁰ _{18¹⁰-np}
14	1	4	0	1.7	Ci	Ac	.	.	.	● ¹ _{n-7}
15	0	0	0	0.0	.	.	.	.	.	● ⁰ _{n-6}
16	1	0	1	0.7	Ci	.	Ci	.	.	● ⁰ _{18²⁰-np} ; S 19 ²⁰ -np
17	4	8	10	7.3	Cu	Cu	Sc	15.5	.	● ⁰ _{n-6¹⁰} ; (R) ⁰ _{SSE 16⁰⁹-16¹⁸} ; ● ⁰ _{16¹⁶-16²⁴}
18	10	7	10	9.0	Ns	Cu,Ac	Sc	13.5	.	(R) ¹ _{na} ; ● ² _{na}
19	10	10	10	10.0	Sc	Sc	Ns	5.9	.	= n; ● ^{0.1} _{n-7¹⁹} ; ● ^{0.1} _{16⁵²-np}
20	10	10	10	10.0	St	Sc	Ca,Cu	18.7	.	= n-7 ²⁵ ; ● ⁰ _{n-6⁵⁰} ; ● ¹ _{19⁵⁸-20³³}
21	10	10	10	10.0	Cb	Sc	Sc	5.5	.	● ^{1.2} _{4¹⁰-6⁴⁹} ; ● ^{0.9} _{25-9²⁸} ; ● ¹ _{10⁵⁵-11⁰⁷} ; ● ⁰ _{11¹⁹-11⁴⁰} ; ● ⁰ _{12¹⁹-12²²} ; (R) ¹ _{NE 4⁴⁵-R¹_{5²⁵-5⁵³}} ; (R) ¹ _{W 6³⁷}
22	10	10	10	10.0	St	St	Ns	20.2	.	● ^{0.1} _{6⁰⁸-13⁰²} ; ● ^{0.2} _{13⁰²-np}
23	10	10	2	7.3	St	Sc	Cu,Ci	1.9	.	● ⁰ _n ; ● ^{0.5} _{4⁴⁵-8³⁰} ; ● ⁰ _{11¹⁰-13¹⁷} ; ≡ 17 ⁴⁵ -np
24	3	8	10	7.0	Cu,Ci	Sc,Ci,Cu	Sc	0.0	.	● ² _{n-9} ; ● ⁰ _p
25	8	2	1	3.7	Sc	Cu	Cu	0.0	.	● ¹ _{n-8} ; ● ⁰ _a
26	6	10	10	8.7	Ac,Ci	Sc	Sc	0.4	.	● ² _{n-8} ; ● ⁰ _{17²¹-np}
27	10	9	10	9.7	Sc	Sc,Cu	Sc	0.3	.	● ⁰ _n ; ● ^{0.1} _{10⁴²-10⁵⁰} ; ● ⁰ _{12⁰⁰} ; ● ⁰ _{14⁴⁰-14⁵⁸} ; ● ⁰ _{17⁵⁷-np}
28	10	8	9	9.0	Sc	Cu,Ac	Ac	0.0	.	● ⁰ _{13⁰⁸-13¹⁵}
29	10	3	8	7.0	St	Cu	Sc,Ac	.	.	≡ ¹ _{n-6²⁰} ; ≡ ⁰ _{6²⁰-6⁵⁰}
30	10	10	7	9.0	St	Cb,Cu,As	Cu,As	4.7	.	≡ ⁰ _{n-6¹⁵} ; ● ^{0.5} _{5⁵⁵-6¹⁷} ; ● ⁰ _{10⁰⁵-10¹⁰} ; ● ⁰ _{11⁴⁰-13²⁰} ; (R) ⁰ _{E 12¹⁸-S-SE 12⁴⁰} ; (R) ⁰ _{E 15⁴⁵-NE 16²⁰} ; ≡ 17 ²⁰ -np
31	10	9	10	9.7	Cb,Cu,Ac	As,Cu	Sc	9.2	.	(R) ⁰ _{na-SW 5³⁰} ; ● ^{0.1} _{na-7¹⁰}
M	6.9	6.8	6.1	6.6				153.7*		*I.e. total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5cm	mb				%					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	105.3	108.7	111.5	108.5	12.4	13.4	16.3	13.2	13.8	17.6	10.9	6.7	9.5	14.3	14.3	14.6	14.4	92	93	77	96	90	ESE	2	E	1	ENE	2	1.7
2	115.4	116.1	116.5	116.0	12.3	11.4	19.1	12.7	13.9	19.5	10.9	8.6	10.3	11.7	13.2	13.5	12.8	96	86	60	92	84	ENE	2	E	1	C	0	1.0
3	115.1	113.0	109.9	112.7	6.3	10.4	20.9	14.0	12.9	21.1	5.5	15.6	3.9	12.3	14.1	14.2	13.5	94	97	57	89	84	C	0	S	1	C	0	0.3
4	108.1	106.2	105.4	106.6	8.5	12.7	20.5	14.6	14.1	21.0	7.8	13.2	5.8	14.0	13.4	14.8	14.1	93	95	56	89	83	C	0	W	2	C	0	0.7
5	106.5	106.4	106.3	106.4	10.2	12.6	20.0	14.9	14.4	21.1	9.4	11.7	7.5	14.2	15.8	15.8	15.3	94	98	68	93	88	C	0	S	1	C	0	0.3
6	107.8	107.8	107.8	107.8	10.5	13.1	23.5	17.9	16.2	24.2	9.6	14.6	7.5	14.4	16.9	18.9	16.7	93	95	58	92	84	SSE	1	S	1	C	0	0.7
7	108.4	106.6	105.3	106.8	13.4	14.4	24.5	18.2	17.6	25.2	10.9	14.3	7.9	14.8	16.9	18.0	16.6	92	90	55	86	81	SSE	2	S	1	SSE	1	1.3
8	104.9	104.7	104.9	104.8	14.5	14.4	24.7	17.5	17.8	25.3	12.4	12.9	9.5	15.3	16.8	16.8	16.3	89	93	54	84	80	SSE	2	S	1	SSE	1	1.3
9	106.3	105.1	103.4	104.9	13.3	15.3	25.3	18.7	18.2	25.6	12.3	13.3	9.4	16.2	16.3	17.6	16.7	89	93	51	82	79	SSE	2	E	2	E	1	1.7
10	100.3	98.7	98.3	99.1	16.4	16.5	25.9	19.6	19.6	26.2	14.6	11.6	12.5	14.7	17.1	16.1	16.0	85	79	51	71	72	ESE	3	SSE	4	SSE	2	3.0
11	98.3	100.1	104.3	100.9	16.5	17.1	14.7	11.9	15.0	19.6	11.5	8.1	11.5	16.1	16.0	13.6	15.2	84	83	96	97	90	SSE	2	W	4	WNW	2	2.7
12	107.3	108.0	107.9	107.7	10.1	9.4	14.2	10.0	10.9	14.8	8.8	6.0	8.0	11.5	10.9	11.3	11.2	98	97	67	92	88	W	1	WNW	2	C	0	1.0
13	105.7	104.6	102.7	104.3	10.3	9.6	9.8	9.7	9.8	11.4	8.4	3.0	7.5	11.6	11.8	12.0	11.8	90	97	97	100	96	C	0	NNW	2	NNW	1	1.0
14	99.5	99.1	99.7	99.4	9.9	10.8	11.7	11.0	10.8	11.9	9.4	2.5	9.4	12.8	13.6	12.8	13.1	100	99	99	97	99	C	0	W	1	W	1	0.7
15	98.8	99.6	100.7	99.7	10.1	10.1	11.2	11.2	10.6	12.2	9.4	2.8	9.5	12.2	12.8	12.8	12.6	97	99	96	96	97	W	3	W	2	WSW	1	2.0
16	104.1	104.0	102.5	103.5	10.2	9.4	13.6	11.3	11.1	14.0	8.9	5.1	9.0	11.5	11.7	12.9	12.0	96	97	75	96	91	C	0	C	0	NNE	1	0.3
17	103.7	106.7	108.4	106.3	11.0	10.5	11.6	8.9	10.5	13.0	8.9	4.1	6.6	12.5	13.3	11.1	12.3	98	99	98	97	98	C	0	SSW	1	C	0	0.3
18	109.7	109.1	109.7	109.5	5.2	7.3	17.0	9.4	9.7	17.5	4.5	13.0	2.5	10.2	12.0	11.2	11.1	98	100	62	95	89	SSE	1	S	2	C	0	1.0
19	110.2	110.0	109.6	109.9	5.4	6.5	16.7	9.2	9.4	16.7	3.5	13.2	1.8	9.7	11.3	10.7	10.6	98	100	60	92	88	C	0	ENE	1	C	0	0.3
20	110.5	110.5	111.7	110.9	5.5	6.0	15.8	9.2	9.1	17.5	4.5	13.0	2.6	9.4	11.3	10.8	10.5	97	100	63	93	88	C	0	N	1	C	0	0.3
21	113.6	114.1	114.7	114.1	4.4	7.3	16.7	9.7	9.5	17.7	3.5	14.2	1.8	9.9	13.6	11.4	11.6	96	97	72	95	90	SSE	1	SSW	1	C	0	0.7
22	114.5	110.8	107.6	111.0	5.7	7.5	16.6	10.9	10.2	16.6	4.0	12.6	1.2	10.2	11.4	11.7	11.1	97	99	60	90	86	C	0	SSW	3	WSW	1	1.3
23	100.4	99.0	98.4	99.3	9.0	7.8	10.9	7.0	8.7	12.9	6.7	6.2	6.0	10.0	11.1	9.7	10.3	94	94	85	97	92	W	3	WSW	1	WNW	1	1.7
24	96.6	96.4	97.2	96.7	5.7	5.6	10.8	6.8	7.2	12.5	4.9	7.6	4.0	8.8	9.1	9.4	9.1	98	97	70	96	90	W	1	W	3	WNW	1	1.7
25	97.8	98.6	99.7	98.7	7.0	7.0	10.1	8.6	8.2	10.5	6.0	4.5	4.6	9.9	11.1	10.9	10.6	96	98	90	97	95	W	2	NNW	2	NNW	1	1.7
26	101.4	103.2	104.1	102.9	8.5	8.4	9.2	7.6	8.4	9.3	7.5	1.8	6.3	10.9	11.0	10.3	10.7	99	99	95	99	98	WNW	1	C	0	C	0	0.3
27	103.5	101.5	100.7	101.9	7.3	7.4	10.4	8.0	8.3	10.9	5.0	5.9	2.2	10.3	10.8	10.1	10.4	99	100	86	94	95	WSW	1	SSW	2	NNW	1	1.3
28	101.0	100.4	101.1	100.8	2.6	4.1	10.4	6.6	5.9	10.5	1.6	8.9	0.1	7.2	6.7	9.2	7.7	94	88	53	94	82	WSW	3	W	4	W	3	3.3
29	104.0	105.2	108.2	105.8	6.7	5.6	10.0	6.7	7.2	10.3	5.0	5.3	4.5	8.4	8.8	9.2	8.8	93	92	72	94	88	W	3	W	3	W	1	2.3
30	110.2	110.7	112.0	111.0	3.9	4.8	10.4	5.7	6.2	11.3	2.5	8.8	0.1	7.9	8.5	8.4	8.3	95	92	67	92	86	WNW	2	W	3	C	0	1.7
M	105.6	105.5	105.7	105.6	9.1	9.9	15.8	11.4	11.6	16.6	7.6	9.0	6.1	11.8	12.7	12.7	12.4	94	95	72	93	88		1.3		1.8		0.7	1.3

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	4	9	10	7.7	Cu	Sc	As	0.3	.	● ⁰⁻¹ 11, ● ⁰ 15 ¹⁶ -15 ²⁴ , ● ⁰ 17 ²⁴ -18 ¹⁸ , ● ⁰ 19 ¹⁹ -19 ²³
2	8	4	0	4.0	Ac, Cs	Cu	.	.	.	≡ 17 ⁵⁰ -np; Δ ⁰ 18-np
3	0	2	0	0.7	.	Cu	.	.	.	Δ ² n-7 ³⁵ ; ≡ 17 ²⁰ -19; ≡ 19-np
4	9	4	3	5.3	Ac	Ac, Cu	Cl	.	.	≡ 17 ²⁵ -np; Δ ⁰ 17 ⁵⁰ -np
5	10	6	0	5.3	Ac	Cu	.	.	.	= n-7 ³⁰ ; = 17-np; Δ ⁰ n-8, Δ ⁰ 17 ³⁰ -np
6	7	10	10	9.0	Ac	Ca, Cu	Ca, Cu	.	.	Δ ¹ n-8 ³⁰ ; ≡ 1-2 16 ⁴⁵ -np
7	3	0	0	1.0	Cl	.	.	.	.	≡ 1 na
8	0	4	0	1.3	.	Ac, Cs	.	.	.	≡ 1 na; Δ ⁰ 17 ³⁰ -np
9	0	10	8	6.0	.	Cs	Ca	.	.	Δ ⁰⁻¹ n-8
10	10	2	3	5.0	Cl, Cs	Cl, Ac, Cu	Cl, Ac, Cu	0.7	.	Δ ⁰ n-7
11	6	10	10	8.7	Ac	Ns	Ns	30.5	.	● na, ● ⁰⁻² 9 ⁰⁴ -np
12	9	9	8	8.7	Ac, Cl, Sc	Cu, Ac	Ac	0.6	.	● ⁰⁻¹ na; Δ ¹ 18 ¹⁵ -np
13	10	10	10	10.0	Ns	Ns	Ns	19.1	.	● ⁰⁻¹ na-np
14	10	10	10	10.0	≡ ⁰	Ns	Ns	4.2	.	● ⁰⁻¹ n, ● ⁰ 6 ⁵⁶ -8 ²⁵ , ● ⁰⁻¹ 8 ⁵⁰ -p; ≡ ⁰ n-6 ²⁰ ; ≡ 16 ²⁰ -8 ⁰⁰ ; ≡ 08 ⁰⁰ -8 ²⁵ ; = 8 ²⁵ -11
15	10	10	10	10.0	Ns	Ns	Ns	7.0	.	● ⁰⁻¹ n-9 ⁴⁹ , ● ⁰⁻¹ 9 ⁵⁵ -10 ²² , ● ⁰⁻¹ 10 ⁴¹ -12 ⁵⁰ , ● ⁰ 13 ⁴¹ -14 ⁰⁷
16	10	10	10	10.0	St	Sc	Sc	3.9	.	● ⁰ 13 ⁰⁹ -14 ¹⁵ , ● ⁰ p-np
17	10	10	3	7.7	Ns	Ns	Ac	0.6	.	● ⁰⁻¹ n-6 ²⁵ , ● ⁰ 8 ¹⁷ -p; = 16 ³⁰ -np
18	0	3	7	3.3	.	Cu, Cl	Cl	.	.	= n-6; = 16 ³⁰ -np
19	7	8	0	5.0	Cl	Cu, Cl	.	.	.	≡ ⁰ n-6 ⁵⁰ ; = 6 ⁵⁰ -7 ³⁰ ; = 17 ⁴⁰ -np
20	7	8	1	5.3	Cu, Ac	Cu	Cl	.	.	≡ 2 n-5 ⁵⁰ ; ≡ 15 ⁵⁰ -6 ²⁰ ; ≡ 06 ²⁰ -6 ⁴⁵ ; = 17 ³⁵ -np
21	7	8	7	7.3	Ac	Cu, Ac	Ac	.	.	≡ ⁰ n; = na-9; = 18-np
22	10	9	10	9.7	Ac	Ca, Cl	Ns	4.7	.	≡ n; = 5 ²⁰ -8 ³⁰ ; ● ⁰ 16 ¹⁸ -np
23	10	6	9	8.3	Sc	Sc, Cu	Sc	3.4	.	● ¹ 11 ²⁵ -11 ³³ , ● ⁰⁻¹ p, ● ⁰ np
24	10	9	9	9.3	Sc	Sc, Cl, Ac	As, Cu	10.2	.	(K) ⁰ N12 ⁴⁷ ; ● ¹ 13 ²⁰ -13 ⁵² , ● ⁰⁻¹ 14 ²⁷ -15 ⁴⁰
25	10	10	10	10.0	Ns	Sc, Cl, As	Ns	3.8	.	● ⁰⁻¹ na-6 ⁵⁷ , ● ⁰ 9 ³³ -10 ⁴⁵ , ● ⁰⁻¹ p
26	10	10	10	10.0	Ns	Ns	Sc	0.1	.	● ⁰ n, ● ⁰ 5 ⁵⁸ -6 ⁴⁵ , ● ⁰ 9 ⁵⁷ -10 ²⁶ , ● ⁰ 18 ¹⁷ -np; = 16 ²⁰ -np
27	10	10	10	10.0	Ns	Sc	Ns	4.2	.	● ⁰ 10 ⁵⁶ -12 ²² , ● ¹ 12 ²² -np
28	4	4	10	6.0	Cu	Cu, Ac	Ns	1.6	.	≡ ⁰ n; ● ⁰ 13 ⁵⁷ -14 ⁰³ , ● ⁰ 16 ³² -18 ¹⁸
29	10	10	4	8.0	Sc	Sc	Ac, Cu	1.6	.	● ⁰⁻¹ n-6 ⁰⁶ , ● ⁰ 6 ¹⁷ -7 ¹³ , ● ⁰⁻¹ 12 ¹² -p
30	10	9	6	8.3	Sc	Sc, Cl	Cu	1.4	.	● ⁰ n-6 ⁴⁷ , ● ¹ 13 ⁰⁷ -13 ¹⁶ , ● ⁰ 15 ³² -16 ¹³
M	7.4	7.5	6.3	7.1				97.9*		*Le total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5 cm	mb				%					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	113.4	113.8	114.9	114.0	5.4	5.4	8.7	4.7	6.0	10.6	4.0	6.6	2.0	8.8	7.1	7.3	7.7	96	98	63	85	86	N	1	N	2	N	1	1.3
2	116.1	115.4	115.3	115.6	2.3	1.8	7.0	4.3	3.8	8.5	-0.4	8.9	-2.9	6.4	6.4	7.2	6.7	89	93	64	87	83	N	1	N	2	N	1	1.3
3	117.5	118.2	119.8	118.5	3.3	2.7	8.0	2.1	4.0	9.0	1.6	7.4	1.1	6.8	6.9	6.3	6.7	90	91	64	89	84	NNE	2	ENE	3	C	0	1.7
4	120.4	119.9	119.3	119.9	-0.4	-0.2	9.6	1.1	2.5	10.0	-2.3	12.3	-5.3	5.9	6.5	6.1	6.2	94	98	54	92	84	N	1	NNE	3	C	0	1.3
5	118.2	116.8	115.2	116.7	-2.2	-1.8	11.8	8.1	4.0	12.1	-4.5	16.6	-6.8	5.4	6.8	8.8	7.0	97	100	49	82	82	C	0	WSW	2	WNW	1	1.0
6	117.1	117.6	118.4	117.7	6.7	5.4	13.5	6.9	8.1	14.2	3.5	10.7	0.7	8.8	10.5	9.5	9.6	89	98	68	96	80	C	0	NNW	1	NNE	1	0.7
7	120.5	119.4	119.4	119.8	2.9	2.7	15.2	5.9	6.7	15.4	1.1	14.3	-2.8	7.3	7.8	8.6	7.9	97	98	45	92	83	ENE	1	E	3	C	0	1.3
8	119.5	117.1	115.8	117.5	1.6	1.0	15.8	6.3	6.2	15.8	-0.6	16.4	-3.8	6.6	8.8	8.8	8.1	96	100	49	92	84	C	0	E	3	ENE	1	1.3
9	113.8	112.6	111.2	112.5	3.0	2.7	15.1	7.8	7.2	16.4	0.4	16.0	-2.8	7.3	10.0	9.5	8.9	96	98	58	90	86	C	0	SSE	1	ENE	1	0.7
10	109.4	106.8	105.5	107.2	4.3	4.5	16.5	7.6	8.2	16.6	2.5	14.1	-0.8	8.3	9.8	9.8	9.3	95	98	52	94	85	E	1	ESE	2	ENE	1	1.3
11	102.5	98.9	96.3	99.2	3.8	4.4	17.5	11.4	9.3	17.6	1.7	15.9	-1.8	8.1	9.3	11.5	9.6	96	97	47	85	81	ENE	1	SSE	3	ESE	1	1.7
12	93.1	94.1	96.1	94.4	8.3	8.1	10.1	6.6	8.3	11.9	5.8	6.1	2.2	10.3	10.4	9.3	10.0	92	96	85	96	92	WSW	2	WSW	3	C	0	1.7
13	95.9	95.1	96.3	95.8	3.1	5.0	7.3	6.6	5.5	7.7	1.6	6.1	-1.9	8.6	9.3	9.6	9.2	98	98	91	98	96	SSW	2	WSW	3	SW	1	2.0
14	102.2	102.3	100.1	101.5	5.3	4.9	9.4	7.5	6.8	10.0	4.1	5.9	3.8	8.2	7.8	10.1	8.7	96	95	66	97	88	NNE	1	NNW	3	W	4	2.7
15	102.5	105.2	108.3	105.3	8.3	7.8	8.6	9.0	8.4	9.4	7.4	2.0	6.5	10.0	10.2	9.3	9.8	96	94	92	81	91	W	4	W	4	WNW	4	4.0
16	113.3	115.5	118.1	115.6	7.7	6.8	12.8	7.0	8.6	13.3	6.0	7.3	3.1	9.0	9.7	8.0	8.9	83	91	66	80	80	W	3	WNW	4	NNW	2	3.0
17	118.4	115.8	111.9	115.4	0.9	1.9	7.3	6.3	4.1	8.5	-0.5	9.0	-3.3	7.0	8.3	8.5	7.9	96	100	81	89	92	WSW	1	WSW	3	W	3	2.3
18	98.2	98.9	104.2	100.4	6.8	7.7	5.7	2.7	5.7	7.8	2.7	5.1	0.5	8.6	6.4	6.5	7.2	91	82	70	88	83	WSW	5	WNW	4	NNW	2	3.7
19	108.8	106.6	104.5	106.6	1.1	2.4	5.6	0.6	2.4	6.0	0.0	6.0	-2.2	6.3	6.2	6.0	6.2	86	87	67	94	83	WNW	2	W	5	C	0	2.3
20	98.2	97.9	98.2	98.1	1.0	1.4	2.4	-0.4	1.1	3.3	-0.9	4.2	-4.0	5.7	7.1	5.8	6.2	95	83	98	98	94	S	2	SSW	3	C	0	1.7
21	97.0	97.2	98.7	97.6	-1.2	0.3	7.8	0.2	1.8	8.0	-1.9	9.9	-5.5	6.0	6.1	5.8	6.0	95	96	57	94	86	SSE	1	SSW	2	C	0	1.0
22	100.4	100.7	100.0	100.4	-1.0	0.1	2.7	1.3	0.8	2.9	-1.9	4.8	-4.9	6.0	5.7	6.1	5.9	96	98	77	91	90	W	1	W	2	C	0	1.0
23	100.5	99.4	95.1	98.3	-0.7	0.1	4.5	-0.9	0.8	5.2	-2.4	7.6	-5.3	5.8	5.7	5.2	5.6	92	94	68	92	86	W	1	W	3	S	1	1.7
24	91.5	92.4	97.3	93.7	5.5	7.2	9.4	7.0	7.3	9.5	-1.0	10.5	-2.7	7.5	7.1	6.6	7.1	90	94	60	66	72	WSW	5	W	7	WSW	6	6.0
25	106.5	109.3	112.0	109.3	5.5	5.3	10.0	1.8	5.6	10.5	1.8	8.7	-2.3	7.6	7.0	6.8	7.1	85	86	57	98	82	WSW	4	WSW	3	C	0	2.3
26	113.8	113.7	113.6	113.7	1.3	0.6	12.2	2.3	4.1	12.3	-0.4	12.7	-3.4	6.3	6.8	6.8	6.6	98	98	48	95	85	SSE	1	SSW	2	C	0	1.0
27	111.4	109.0	106.5	109.0	3.2	5.5	12.4	8.8	7.5	13.5	1.6	11.9	-2.5	8.2	8.8	8.9	8.6	96	91	61	78	82	S	2	S	2	SSE	1	1.7
28	102.2	100.9	101.2	101.4	7.4	7.4	10.4	9.6	8.7	10.6	7.0	3.6	5.1	8.8	9.4	9.9	9.4	80	86	75	83	81	ESE	1	SSE	1	E	1	1.0
29	105.4	107.8	110.8	108.0	8.5	6.6	10.9	3.6	7.4	11.1	3.6	7.5	-0.8	9.3	10.6	7.5	9.1	91	96	81	95	91	C	0	N	1	C	0	0.3
30	113.5	113.7	114.4	113.9	2.7	2.0	6.2	7.0	4.5	7.1	1.3	5.8	-0.8	7.1	9.3	9.9	8.8	98	100	98	98	98	S	1	WSW	1	C	0	0.7
31	115.4	114.7	113.3	114.5	7.6	6.5	9.8	8.3	8.0	10.0	6.0	4.0	5.2	9.5	8.8	9.0	9.1	98	99	73	82	88	C	0	S	1	SSE	2	1.0
M	108.3	108.0	108.1	108.1	3.6	3.7	9.8	5.2	5.6	10.5	1.5	9.0	-1.2	7.6	8.1	8.0	7.9	93	94	67	90	86		1.5	2.6	1.1	1.7		

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	10	8	8	8.7	Ns	Sc,Cu	Ac,Cu	.	.	$\odot^0 n$
2	0	10	5	5.0	.	Sc	Ac	.	.	$\sqcup^0 n-6^{05}$
3	7	6	1	4.7	Sc,Cu	Cu	Cu	.	.	$\Delta^0 n-8^{20}$
4	0	1	0	0.3	.	Cu	.	.	.	$\sqcup^1 n-6^{45}, \sqcup^0 17^{30}-np; = 17-np$
5	1	7	10	6.0	Cl	Ca,Cl	As	.	.	$\sqcup^2 n-7; = na$
6	10	7	0	5.7	Sc	Ca,Cu	.	.	.	$\Delta^0 n-7^{20}; = 17-np$
7	0	0	0	0.0	.	.	.	.	.	$\sqcup^0 n-6^{13}; = na; \Delta^0 17-np$
8	0	0	0	0.0	.	.	.	.	.	$\sqcup^0 n-7$
9	10	7	1	6.0	Cc,Cl	Cl	Cl	.	.	$\Delta^1 n-8, \Delta^1 17^{55}-np; = n-6^{55}$
10	1	2	0	1.0	Cl	Cu,Cs	.	.	.	$= n-6^{20}; \Delta^1 n-8, \Delta^0 17-np$
11	0	1	10	3.7	.	Ac	Sc	0.4	.	$\sqcup^0 n-6^{25}; \odot^0 17^{14}-17^{18}, \odot^0 18^{09}-np$
12	10	10	0	6.7	St	St	.	.	.	$\odot^0 n; = n-9, = 17-np; \Delta^0 17^{30}-np$
13	10	10	10	10.0	St	Sc	Ns	2.7	.	$\Delta^2 n-9; = n-7; \odot^0 9^{14}-12^{40}, \odot^0 13^{14}-14^{03}, \odot^0 15^{14}-16^{28}, \odot^0 16^{54}-17^{30}, \odot^0 17^{42}-np$
14	10	9	10	9.7	Sc	Sc,Cu,Cl,Cc	Ns	13.0	.	$\odot^0 n, \odot^0 15^{19}-np$
15	10	10	10	10.0	Sc	St	Sc	0.1	.	$\odot^0 8^{30}-8^{45}, \odot^0 12^{17}-12^{40}, \odot^0 11^{40}-12^{17}$
16	9	8	9	8.7	Sc,Cu	Sc,Cu	Ac	.	.	$\Delta^0 18-np$
17	10	10	10	10.0	$\equiv^1$	Sc	Sc	0.1	.	$\equiv^1 na-6^{50}, \odot^0 6^{50}-7^{15}; = 7^{15}-9^{24}; \odot^0 18^{12}-np$
18	10	9	2	7.0	Sc	Sc,Cu	Cu	1.4	.	$\odot^0 6^{52}-7^{50}, \odot^1 7^{50}-9^{25}, \odot^0 14^{08}-16^{40}$
19	8	9	6	7.7	Ac,Cu	Sc	Ac,Cl	0.0	.	$\sqcup^0 n; = n; \odot^0 11^{07}-11^{20}$
20	10	10	0	6.7	Ac	Ns	.	2.3	.	$\odot^0 8^{14}-8^{35}, \odot^0 8^{57}-9^{10}; \Delta^0 8^{35}-8^{57}; \odot^0 9^{20}-10^{15}; \odot^0 9^{10}-9^{20}, \odot^0 10^{15}-p; \sqcup^1 17-np; = 18^{10}-np$
21	8	8	9	8.3	Ac,Cs	Ca,Cl,Cu	Sc	.	.	$\sqcup^2 n-7^{40}; = na$
22	10	10	10	10.0	St	Sc	Sc	0.1	.	$\sqcup^0 n-6^{35}; \Delta^1 19^{48}-19^{51}$
23	10	9	2	7.0	Sc	Sc	Cl	6.0	.	$\sqcup^0 n-6^{30}, \sqcup^0 17-np; \Delta^0 8^{01}-8^{08}$
24	9	7	0	5.3	Sc	Cu,Ac	.	6.1	.	$\odot^0 1 n, \odot^0 18^{42}-9^{05}, \odot^0 19^{27}-9^{42}, \odot^1 210^{03}-10^{22}; \Delta^2 8^{47}-9^{01}; \odot^1 9^{24}-9^{27}$
25	10	3	2	5.0	Ac,Cu	Cu	Ac	.	.	
26	2	6	0	2.7	Ac	Cl	.	.	.	$\sqcup^0 n-7, \sqcup^0 17-np; = n-6^{30}, = 16^{30}-np$
27	9	9	0	6.0	Ac	Cl,Cs	.	.	.	
28	10	10	10	10.0	Sc	Sc	Sc	.	.	
29	9	9	0	6.0	Ac	Ac,As	.	.	.	$\equiv^0 17-np$
30	10	10	10	10.0	$\equiv^2$	St	St	0.0	.	$\equiv^2 n-10^{10}, \odot^1 10^{10}-13^{40}; = 13^{40}-np; \odot^0 19^{45}-np$
31	10	10	10	10.0	St	Sc	St	.	.	
M	7.2	7.3	4.7	6.4				32.2*		*Le total mens Monthly mean

LES ELEMENTS METEOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + ...				°C								+ 5 cm	mb				%					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	109.1	109.3	6.2	4.1	7.9	7.9	6.5	8.7	3.7	5.0	3.5	7.9	9.2	9.4	8.8	94	97	86	89	92	SSE	2	SSW	2	W	2	1.7
2	107.3	105.0	108.1	106.8	6.4	6.9	9.4	7.9	7.6	10.0	6.0	4.0	5.1	8.8	9.8	8.6	9.1	93	88	83	80	86	WSW	4	W	4	W	3	3.7
3	113.9	114.0	112.4	113.4	4.4	5.1	7.4	6.8	5.9	7.9	3.4	4.5	0.2	8.8	9.5	9.0	9.1	98	100	93	91	96	W	2	W	2	S	1	1.7
4	107.0	106.7	108.0	107.2	7.4	8.4	7.8	8.2	8.0	8.9	6.4	2.5	5.3	10.7	10.0	10.6	10.4	90	97	94	97	94	WSW	2	WSW	3	W	3	2.7
5	112.7	110.2	103.4	108.8	6.1	3.9	9.2	8.9	7.0	9.4	2.9	6.5	0.7	7.9	8.1	11.2	9.1	90	98	70	99	89	W	2	SSW	3	SSW	4	3.0
6	106.1	108.4	111.8	108.8	9.3	6.7	9.1	4.1	7.3	10.0	4.1	5.9	-0.3	8.5	8.6	7.8	8.3	99	87	75	95	89	W	4	W	5	WSW	1	3.3
7	110.7	109.9	108.5	109.7	5.8	8.4	11.2	9.2	8.6	11.3	2.5	8.8	-0.8	11.0	11.2	10.4	10.9	100	100	84	89	93	WSW	1	WSW	3	SSW	1	1.7
8	104.9	104.9	107.8	105.9	9.1	10.1	12.2	7.9	9.8	12.4	6.9	5.5	5.5	10.9	11.8	10.4	11.0	86	88	83	97	88	WSW	4	WSW	3	NNW	2	3.0
9	112.6	112.1	111.5	112.1	6.0	5.0	9.4	6.9	6.8	9.9	4.5	5.4	1.6	8.3	9.2	9.4	9.0	96	95	78	94	91	W	1	SSW	1	S	1	1.0
10	106.3	103.5	99.9	103.2	5.2	6.3	12.7	7.6	8.0	12.7	4.6	8.1	0.7	9.4	10.8	9.7	10.0	97	98	73	93	90	S	1	S	3	SSE	2	2.0
11	94.9	92.5	93.9	93.8	5.6	4.3	10.4	6.9	6.8	10.6	3.7	6.9	2.3	7.8	9.9	9.5	9.1	93	93	78	96	90	S	2	S	1	NNW	2	1.7
12	92.2	91.9	93.6	92.6	4.3	3.7	4.7	4.0	4.2	6.9	3.4	3.5	0.7	7.8	7.7	6.8	7.4	97	98	90	83	92	SSW	1	WSW	3	W	2	2.0
13	91.9	81.5	74.9	82.8	3.4	0.7	5.1	8.7	4.5	8.7	0.6	8.1	-1.4	6.2	5.8	7.2	6.4	94	96	66	64	80	S	2	S	5	SSW	10	5.7
14	85.9	91.1	94.1	90.4	5.9	5.1	6.4	4.5	5.5	8.7	3.6	5.1	1.2	5.9	6.1	6.4	6.1	71	67	63	76	69	W	7	WSW	4	WSW	2	4.3
15	97.0	98.0	101.1	98.7	-1.2	-2.5	3.9	2.2	0.6	4.5	-2.4	6.9	-6.8	5.0	6.6	6.6	6.1	93	98	82	93	92	C	0	WNW	3	WSW	2	1.7
16	102.4	101.8	99.8	101.3	2.2	2.6	2.7	0.4	2.0	3.0	0.4	2.6	-1.9	5.8	6.4	5.8	6.0	85	79	86	92	86	WSW	3	WSW	3	SSW	2	2.7
17	95.9	96.8	96.5	96.4	-0.5	-1.4	4.0	-0.3	0.4	4.0	-1.5	5.5	-5.8	5.4	5.6	5.6	5.5	94	99	69	94	89	SSW	1	WSW	3	S	1	1.7
18	86.4	88.6	94.0	89.7	0.2	0.6	0.8	0.9	0.6	1.0	-1.4	2.4	-3.8	6.1	6.5	6.3	6.3	95	96	100	96	97	ENE	2	NNW	1	W	3	2.0
19	101.1	104.4	107.4	104.3	0.8	0.6	1.9	-1.7	0.4	2.0	-1.7	3.7	-4.1	5.6	4.6	5.2	5.1	98	88	66	96	87	WNW	3	W	3	WSW	2	2.7
20	105.3	99.5	95.2	100.0	-4.4	-3.3	1.1	1.1	-1.4	1.4	-6.2	7.6	-9.0	4.5	4.4	4.5	4.5	95	95	66	68	81	ESE	2	SE	3	SE	3	2.7
21	88.5	87.0	87.3	87.6	1.2	0.9	5.2	3.7	2.8	5.2	0.3	4.9	-0.8	6.5	7.2	7.7	7.1	86	100	81	97	91	S	2	S	2	SSW	1	1.7
22	88.4	90.4	93.4	90.7	3.3	4.1	5.8	2.7	4.0	6.4	2.6	3.8	-0.8	7.2	7.7	7.0	7.3	96	88	83	95	90	SSW	3	WSW	3	SSW	2	2.7
23	97.3	100.1	101.3	99.6	5.3	5.4	6.0	2.3	4.8	6.5	2.3	4.2	-2.4	7.8	7.6	6.7	7.4	85	87	82	93	87	WSW	3	W	3	C	0	2.0
24	101.5	101.9	102.3	101.9	3.4	2.6	3.6	1.2	2.7	4.4	1.2	3.2	-2.3	7.0	7.0	6.0	6.7	95	95	88	90	92	WSW	3	WNW	1	C	0	1.3
25	106.4	107.1	107.1	106.9	0.8	-1.7	1.7	0.0	0.2	1.9	-2.3	4.2	-3.6	5.0	5.0	5.7	5.2	99	93	72	94	90	NNW	2	NNW	3	W	2	2.3
26	109.7	111.5	112.5	111.2	-0.8	-1.0	1.1	0.7	0.0	1.5	-1.1	2.6	-3.8	5.4	5.4	6.0	5.6	95	96	81	94	92	NNW	1	NNW	2	WSW	1	1.3
27	113.5	110.4	108.6	110.8	1.8	1.1	1.7	1.3	1.5	2.4	0.1	2.3	-0.1	6.4	6.5	6.3	6.4	95	96	94	94	95	WSW	4	W	3	WSW	4	3.7
28	105.3	105.0	104.1	104.8	1.7	2.4	3.7	3.3	2.8	3.8	1.1	2.7	0.8	7.0	7.3	6.8	7.0	95	96	92	88	93	WSW	3	WSW	3	SW	3	3.0
29	101.3	100.5	100.4	100.7	0.9	0.9	3.3	3.5	2.2	3.5	0.2	3.3	-1.8	4.8	5.6	5.7	5.4	79	73	73	73	74	SW	3	WSW	3	WSW	4	3.3
30	99.5	98.9	99.3	99.2	3.3	2.1	6.0	-0.8	2.6	6.3	-1.4	7.7	-4.9	6.2	6.1	5.8	6.0	77	87	66	100	82	SSW	2	SSW	2	S	1	1.7
M	101.9	101.4	101.6	101.6	3.4	3.1	5.8	4.0	4.1	6.5	1.6	4.9	-0.9	7.2	7.6	7.5	7.4	92	92	80	90	88		2.4		2.8		2.2	2.5

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	10	10	10	10.0	St	St	St	0.0	.	=n-10 ³⁵ , =17 ³⁵ -np; ⁰ 19 ⁵⁰ -np
2	10	10	0	6.7	Sc	Ns		0.0	.	=n; ⁰ 6 ³⁵ -7 ⁵⁰ , ⁰ 10 ⁰⁵ -10 ²⁰ .
3	10	10	10	10.0	St	St	St	0.1	.	=n-9; ¹ n-10
4	10	10	9	9.7	St	St	Sc	0.7	.	⁰ n-5 ¹⁰ , ⁰ 16 ¹⁰ -6 ⁵⁰ ; ⁰ 13 ³² -15 ⁵⁵ , ⁰ 19 ¹⁴ -np.
5	10	7	10	9.0	Sc	Cl, Cu	Ns	7.0	.	¹ 15 ²⁵ -np
6	9	7	1	5.7	Cc, Cl, Cu	Cu, Cl	Cu	0.2	.	⁰ 1 n
7	10	10	2	7.3	St	St	Cu	0.0	.	⁰ n, ⁰ 6 ²³ -8 ¹² ; =n-8 ³⁵
8	10	10	10	10.0	Sc	St	Ns	3.7	.	⁰ 8 ⁵⁸ -9 ²⁵ , ⁰ 11 ¹⁵ -11 ³⁰ ; ⁰ 14 ⁰⁵ -18 ⁰²
9	10	10	3	7.7	St	Ac, Cu	Cl	.	.	=16-np; ⁰ 17-np
10	9	8	0	5.7	Cs, Cl	Cs, Cl		.	.	=n-9; ⁰ n-10, ⁰ 17-np
11	9	10	10	9.7	Cl, Cs, Cu	Ac, As	Ns	13.9	.	¹ n-13; ⁰ 15 ¹⁷ -np
12	10	9	10	9.7	Ns	Sc, Cl	Sc	1.5	.	⁰ 1 n-8 ³⁵
13	1	10	10	7.0	Cl	As, Ac	As, Ac	0.5	.	⁰ n; ⁰ 13 ¹⁰ -14 ¹⁴ , ⁰ 18 ²³ -19 ⁴⁰
14	4	9	9	7.3	Sc	Sc, Cu	Sc	0.0	.	¹ n; ⁰ 13 ⁴³ -13 ⁴⁷
15	4	4	10	6.0	Ac	Cu, Cs	Sc, Cu	.	.	² n-9; ⁰ n-8 ⁵⁰
16	10	10	9	9.7	Sc	Ns	Cl	0.5	.	⁰ 9 ¹² -9 ⁵⁶ ; ⁰ kr. ⁰ 12 ⁰² -15; ⁰ 17-np
17	1	8	8	5.7	Ac	Ac, Cl	Ac	9.0	.	⁰ n; ⁰ 17-np
18	10	10	10	10.0	St	St	Ns	0.6	3	⁰ 1 n; ⁰ n-10 ¹⁸ , ⁰ 11 ⁴³ -p; ⁰ 12 ⁴⁶ -16; =6 ³⁶ -8 ¹⁸ ; ⁰ 8 ¹⁰ -15 ⁴³
19	9	6	0	5.0	Sc	Cu		.	2	⁰ n
20	10	10	9	9.7	Ac	As, Ac	Ac	1.3	1	⁰ n-9; ⁰ 19 ⁴⁰ -np
21	10	7	10	9.0	Ac, As	Cl, Cc, Ac	Ac	1.4	.	⁰ n; =n-7 ²⁰ ; ⁰ 15 ³² -16 ⁴⁰
22	10	10	9	9.7	Sc	Sc, As	Sc	0.2	.	⁰ n; ⁰ 10 ⁰⁴ -12 ²⁰
23	10	8	5	7.7	Sc	Sc, Cu, Ac	Ac	.	.	⁰ n-5 ²⁵
24	10	9	4	7.7	Sc	Sc, Cb	Ac, As	0.0	.	⁰ 7 ⁵⁰ -10 ⁰⁰ , ⁰ 11 ⁵⁰ -11 ⁵⁸ , ⁰ 18 ⁴⁷ -19 ⁰⁸ ; ⁰ 12 ³² -12 ³³
25	3	10	10	7.7	Cu, Ac	Cs, Cl, Sc, Cu	Ns	2.4	.	⁰ n-7 ⁵⁰ ; ⁰ n; ⁰ 12 ¹⁵ -np
26	10	9	10	9.7	Sc	Cb, Sc	Ns	2.6	5	⁰ n, ⁰ 11 ⁴³ -12 ⁵⁴ , ⁰ 16 ⁴³ -np
27	10	10	10	10.0	St	St	Ns	2.9	.	⁰ n-6 ⁰⁶ , ⁰ 11 ¹⁰ -14 ⁰⁰ , ⁰ n, ⁰ 14 ⁰⁰ -17 ⁰⁰ ; ⁰ 17 ⁰⁰ -np; ⁰ 6 ⁰⁴ -6 ²⁰ , ⁰ 7 ⁵⁸ -8 ⁴⁷ , ⁰ 9 ⁴⁰ -11 ¹⁰ ; =n
28	10	10	10	10.0	Ns	St	St	0.2	.	⁰ n; ⁰ n-6 ⁰⁵ , ⁰ 6 ⁴⁰ -7 ⁵⁵ ; ⁰ 7 ⁵⁵ -11 ¹⁰ ; =n-13
29	9	10	10	9.7	Sc	Sc	Sc	0.0	.	⁰ n-6 ⁴⁰ ; ⁰ 8 ⁰⁰ -8 ⁰⁶ ; ⁰ 8 ⁰⁸ -8 ¹⁶
30	10	6	0	5.3	Ac	Cs, Cl		.	.	⁰ 16 ⁴⁵ -np; ¹ 16 ⁵⁵ -np
M	8.6	8.9	7.3	8.3				48.7*		*Le total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipitation Precipitation mm	Couche de neige Snow cover cm	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	0	4	6	3.3		Cl,Cs	Ac,As			$\cup^1 n-8^{55}$
2	10	10	0	6.7	$\equiv^2$	Sc				$\cup^1 n-8^{10}; \equiv^2 n-8^{20}, 18^{20}-8^{55}, 28^{55}-9^{30}, \equiv^2 9^{30}-9^{40}, 19^{40}-9^{45}, \equiv^0 9^{45}-9^{55}, \equiv 9^{55}-13$
3	1	7	0	2.7	Ac	Ac,Ci				$\cup^0 n-7^{30}$
4	10	10	10	10.0	Sc	Ac	As			$\cup^0 n-11, \cup^0 17-np; \equiv 6^{20}-11, \equiv 15^{30}-np$
5	8	10	10	9.3	Ac,As	As	St	0.4		$\equiv^0 n-7^{40}, \equiv^1 7^{40}-7^{56}, 27^{56}-10^{12}, 10^{12}-11^{17}, \equiv^0 11^{17}-12^{32}, \equiv^{1-2} 12^{32}-14^{25}, \equiv^{1-0} 14^{25}-16^{57},$ $\equiv 16^{57}-np; \cup^0 16^{50}-np$
6	0	8	0	2.7		Cl				$\equiv n-9^{50}, \cup^1 n-8^{40}, \cup^0 17-np$
7	10	7	10	9.0	St	Ci	Cl,Cs	1.5		$\cup^1 n-8; \equiv^0 n-6^{50}, \equiv 6^{50}-8^{27}$
8	10	10	9	9.7	Ns	Ns	Ns	2.2		$\equiv n-a-p-np; \cup^0 n-9^{50}, \cup^0 12^{56}-13^{43}, \cup^0 15^{37}-16^{25}$
9	10	10	10	10.0	Ns	Ns	Ns	4.6		$\equiv^0 n-9^{30}, \equiv 9^{30}-15; \equiv^0 15-np; \cup^0 5^{35}-np$
10	10	10	0	6.7	Sc	Sc				$\equiv n-10, \equiv 16-np; \cup^0 n; \cup^1 17-np$
11	3	8	10	7.0	Ci	Cs,Ci	St	0.0		$\equiv n-11; \cup^2 n-10; \Delta^0 17^{47}-np$
12	0	0	0	0.0						$\equiv n-9^{32}, \equiv^0 9^{32}-10^{18}, 10^{18}-11^{20}, 011^{20}-12^{33}, \equiv 12^{33}-15^{30}, \cup^1 n-9^{35}, \cup^{0-1} 15^{23}-np$
13	6	10	4	6.7	Ci	Cs	Ci			$\cup^2 n-11^{50}, \cup^{0-1} 15-np$
14	10	10	10	10.0	St	St	St	1.7		$\cup^2 n-8^{20}, \equiv 8^{20}-12^{10}, \equiv^{0-1-0} 12^{10}-15^{20}, \equiv 15^{20}-np; \cup^0 9^{30}-np$
15	10	10	10	10.0	$\equiv^1$	$\equiv^0$	$\equiv^1$	0.5		$\equiv^{2-1} n-8, 2-08-14^{20}, 14^{20}-np; \cup^0 11^{10}-12^{15}, \cup^0 15^{12}-16^{25}$
16	10	10	10	10.0	$\equiv^2$	St	St	0.0		$\equiv^2 n-8^{05}, 1-08^{05}-9^{00}, \equiv 9^{00}-16^{10}, \equiv^0 16^{10}-np; \cup^0 p-np$
17	10	10	10	10.0	St	St	St	0.0		$\equiv^{0-1} n-17^{05}$
18	10	10	10	10.0	Sc	Sc	Sc	1.5		$\cup^0 n-6^{20}, 16^{20}-7^{47}, 07^{47}-8^{15}, \equiv 9-16^{30}, \equiv^0 16^{30}-np$
19	10	10	10	10.0	Sc	Sc	Sc			$\cup^0 n-6^{40}$
20	0	1	10	3.7		Ci	Ac,Ci			$\cup^2 n-9^{50}, \cup^2 16^{35}-np; \equiv n-9^{05}, \equiv^0 15^{30}-np; \cup^1 16^{35}-np$
21	0	0	10	3.3			St			$\cup^2 n-10; \equiv n-9^{40}, \equiv 15^{50}-np; \cup^{0-2} 15^{14}-np$
22	10	0	0	3.3	St					$\cup^2 n-p-np$
23	2	1	0	1.0	Ac	Ac				$\cup^2 n-10^{50}; \cup^1 p-np$
24	5	0	0	1.7	Ci					$\cup^2 n-10; \cup^1 15-np; \equiv^0 16^{55}-np$
25	0	0	0	0.0						$\cup^{1-0} n-p-np$
26	0	0	10	3.3			As			$\cup^{1-0} n-15$
27	0	0	0	0.0						$\cup^0 n-p-np$
28	0	0	0	0.0						$\cup^1 n-8^{30}$
29	0	0	0	0.0						$\cup^0 n-8^{30}, \cup^0 16-np$
30	0	0	0	0.0						$\cup^1 n-8^{40}$
31	0	0	0	0.0						$\cup^0 n-8^{10}$
M	5.0	5.4	5.1	5.2				12.4*		*I.e total mens Monthly mean

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

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 mb + . . .				°C								+ 5 cm	mb				%					m/s						
	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	100.4	100.6	103.3	101.4	-0.7	-1.5	5.2	4.2	1.8	5.4	-1.5	6.9	-4.8	5.4	6.9	6.9	6.4	100	98	78	84	90	S	1	S	2	S	1	1.3
2	106.0	105.1	104.8	105.3	0.0	-0.5	4.8	5.0	2.3	6.2	-1.4	7.6	-4.8	5.9	8.3	7.6	7.3	95	100	97	87	95	C	0	C	0	SSE	1	0.3
3	102.6	102.2	103.4	102.7	1.1	2.8	9.8	6.3	5.0	11.1	-0.4	11.5	-3.4	7.1	9.0	8.7	8.3	96	95	74	91	89	S	2	S	3	S	2	2.3
4	105.2	106.9	109.2	107.1	4.2	5.2	6.6	4.9	5.2	6.7	2.6	4.1	0.1	8.4	8.6	8.4	8.5	93	95	88	97	93	S	1	WSW	2	C	0	1.0
5	108.4	108.8	111.3	109.5	4.9	3.2	5.2	4.2	4.4	5.3	2.9	2.4	-0.3	7.7	8.7	8.2	8.2	98	100	98	100	99	SSE	1	G	0	C	0	0.3
6	113.6	114.0	110.8	112.1	2.0	-0.6	4.8	1.7	2.0	5.6	-0.9	6.5	-4.3	5.8	7.9	6.4	6.7	100	100	92	92	96	S	1	S	2	SSE	2	1.7
7	107.5	108.1	103.2	105.2	1.1	0.7	5.2	3.7	2.7	5.6	0.1	5.5	-1.8	6.4	7.6	7.4	7.1	95	100	86	93	94	SSE	3	SSE	3	S	2	2.7
8	104.5	104.8	105.1	104.8	2.4	3.2	4.5	3.4	3.4	4.6	1.6	3.0	0.2	7.7	8.3	7.7	7.9	97	100	98	98	98	S	1	S	1	S	1	1.0
9	104.3	103.5	105.5	104.4	1.5	1.8	2.7	3.4	2.4	3.4	1.1	2.3	-0.2	6.8	7.3	7.7	7.3	97	98	98	98	98	SSE	1	C	0	WNW	1	0.7
10	111.8	114.4	116.2	114.1	3.7	3.0	4.8	0.4	3.0	5.0	0.4	4.6	-3.5	7.2	7.8	6.3	7.1	96	95	90	100	95	SSW	2	WSW	2	S	1	1.7
11	115.1	112.4	113.4	113.6	-0.6	-0.6	2.4	2.9	1.0	3.2	-1.2	4.4	-3.8	5.5	6.3	6.6	6.1	98	94	87	88	92	SSE	2	S	1	WSW	3	2.0
12	118.9	118.0	118.4	118.4	1.7	-1.4	0.0	-0.7	-0.1	3.3	-2.0	5.3	-6.7	5.2	6.0	5.7	5.6	90	94	98	98	95	SSW	1	S	1	SSE	1	1.0
13	119.8	119.4	119.4	119.5	-2.0	-3.7	1.7	-0.7	-1.2	1.7	-5.0	6.7	-7.9	4.4	5.8	5.3	5.2	97	95	83	92	92	C	0	S	1	S	2	1.0
14	120.3	121.2	121.4	121.0	-0.7	-0.5	2.5	2.7	1.0	2.9	-1.9	4.8	-2.8	5.5	7.2	7.3	6.7	91	94	98	98	95	S	1	WSW	2	SW	1	1.3
15	121.4	121.9	122.0	121.8	3.2	3.0	4.4	4.1	3.7	4.7	2.5	2.2	2.1	7.6	8.4	8.2	8.1	99	100	100	100	100	WSW	1	WSW	1	C	0	0.7
16	122.3	122.1	122.1	122.2	3.5	2.7	4.5	2.3	3.2	4.6	2.3	2.3	1.8	7.3	8.3	7.1	7.6	99	98	98	98	98	C	0	C	0	S	1	0.3
17	119.9	119.5	118.9	119.4	0.3	1.2	-0.9	-1.2	-0.2	2.3	-1.8	4.1	-1.8	6.7	5.6	5.5	5.9	99	100	98	98	99	S	1	W	2	C	0	1.0
18	116.6	117.5	119.2	117.8	-0.6	0.3	1.5	1.9	0.8	2.0	-1.4	3.4	-1.3	6.0	6.8	7.0	6.6	97	96	100	100	98	W	3	NNW	1	C	0	1.3
19	125.6	127.9	131.5	128.3	1.8	0.7	1.9	-0.2	1.0	2.5	-0.4	2.9	-2.0	6.0	5.6	4.4	5.3	99	94	80	74	87	NE	1	NNE	1	NNE	1	1.0
20	134.4	133.7	132.8	133.6	-4.6	-8.2	0.1	-4.0	-4.2	0.6	-9.0	9.6	-12.0	3.1	4.8	4.5	4.1	96	95	78	99	92	C	0	S	1	C	0	0.3
21	131.1	130.6	130.5	130.7	-4.2	-6.6	-1.3	-5.8	-4.5	-1.1	-8.0	6.9	-11.4	3.7	4.7	3.6	4.0	99	99	84	92	94	C	0	SSE	1	S	1	0.7
22	130.7	129.5	128.8	129.7	-7.1	-7.8	-5.8	-7.5	-7.0	-3.9	-8.5	4.6	-12.4	3.1	3.7	3.2	3.3	92	93	95	93	93	SSE	1	C	0	C	0	0.3
23	125.4	122.1	119.8	122.4	-9.2	-8.7	1.8	-2.1	-4.6	3.0	-9.5	12.5	-13.4	2.9	4.2	4.5	3.9	92	92	60	87	83	C	0	ESE	2	SSE	2	1.3
24	117.3	117.4	118.4	117.7	-5.5	-6.9	-1.7	-7.6	-5.4	-1.4	-7.6	6.2	-12.4	3.5	3.9	3.4	3.6	95	96	72	99	90	SSE	2	S	1	C	0	1.0
25	119.8	120.0	120.7	120.2	-7.7	-8.2	-2.1	-7.8	-6.4	-1.8	-9.2	7.4	-13.6	3.0	4.7	3.2	3.6	96	92	89	96	93	S	1	SSE	1	C	0	0.7
26	123.3	124.9	128.7	125.6	-9.0	-9.4	-1.2	-2.2	-5.4	-1.0	-9.5	8.5	-14.9	2.8	4.4	4.5	3.9	95	95	78	87	89	E	1	E	3	ESE	4	2.7
27	131.4	132.1	132.1	131.9	-3.6	-7.2	-3.7	-6.2	-5.2	-1.6	-8.0	6.4	-9.8	3.1	2.9	2.7	2.9	78	88	62	71	75	E	3	ESE	3	ESE	3	3.0
28	129.3	127.4	127.3	128.0	-10.2	-13.4	-2.4	-6.4	-8.1	-2.0	-14.1	12.1	-19.4	2.1	2.6	3.3	2.7	84	96	51	86	79	C	0	SE	2	SSE	1	1.0
29	129.3	129.7	131.3	130.1	-8.1	-8.8	-1.9	-7.8	-6.6	-1.2	-10.5	9.3	-15.4	2.9	3.1	3.2	3.1	86	92	58	96	83	ESE	1	ESE	2	ESE	1	1.3
30	132.9	131.1	130.5	131.5	-11.6	-13.0	2.1	-3.2	-6.4	2.8	-14.1	16.9	-19.4	2.2	2.7	2.4	2.4	98	100	38	51	72	E	1	ESE	3	SSE	2	2.0
31	129.5	129.0	127.3	128.6	-7.8	-10.0	0.3	-2.7	-5.0	2.1	-10.4	12.5	-16.3	2.7	2.5	2.6	2.6	82	94	40	52	67	SSE	1	S	2	SSE	1	1.3
M	118.7	118.4	118.9	118.7	-2.0	-2.9	1.8	-0.5	-0.9	2.6	-4.0	6.6	-7.0	5.1	6.0	5.6	5.6	94	96	82	90	90		1.1		1.5		1.1	1.2

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