

POLSKA AKADEMIA NAUK
INSTYTUT GEOFIZYKI

MATERIAŁY I PRACE

92

PUBLICATIONS
OF THE INSTITUTE OF GEOPHYSICS
POLISH ACADEMY OF SCIENCES

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

1974

PAŃSTWOWE WYDAWNICTWO NAUKOWE
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All inquiries regarding the subscription rate
and the price of each issue should be addressed to:

Export-Import Enterprise „Ruch”
ul. Wronia 23, 00-840 Warszawa, Poland

Printed in Poland

Państwowe Wydawnictwo Naukowe
Oddział w Łodzi 1976

Wydanie I. Nakład 330-90 egz. Ark. wgd. 9.50. Ark. druk. 5,75
Papier offsetowy kl. III, 80 g. 70 x 100. Podpisano do druku 5 IV 1976 r.
Druk ukończono w kwietniu 1976 r. Zam. 378,76. Cena zł 30,-

Zakład Graficzny Wydawnictw Naukowych
Łódź, ul. Zwirki 2

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 1957-1973 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, 77, 80, 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 Mazovie 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 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, située au SSE est de 2,5 km. 2 km séparent l'Observatoire d'une ligne de traction électrique (3 kV) du côté ENE. A proximité, de cette ligne passe une ligne HT (10 kV). La Station de l'Electricité 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'Electricité Atmosphérique et de la Météorologie. 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. Les deux ensembles sont 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 miliampéromètre enregistreur (fig. 1). La sonde, recouverte de ionium d'une activité de $30 \mu\text{C}$ et d'une période de demi-vie égale à 90000 ans, est fixée sur une tige

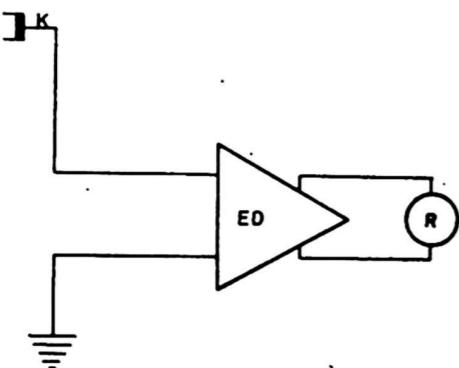


Fig. 1. Schéma - bloc du système d'enregistrement de l'intensité du champ électrique; K - collecteur radioactif, ED - électromètre vibratoire, R - miliampéromètre enregistreur.

Block diagram of the set recording the electric field strength; K - radioactive collector, ED - vibron electrometer, R - recording milliamperemeter.

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 miliampéremètre 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 10^4 Ohm, une constante de temps égale à 16 s et un étalonnage à plusieurs gammes de mesures: de -3000 V à +3000 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'exacititude 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 ont 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. 2). 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 cabine à une hauteur de 100 cm au-dessus de la surface du sol. L'électromètre amplificateur (avec le miliampéromètre enregistreur) est installé dans une des pièces du bâtiment du bureau; il est connecté au condensateur par câble concentrique souterrain. La mobilité limite du condensateur Gerdien a élevé à 2,6 cm^2/Vs . 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'enre-

gistreur la valeur de la chute de tension sur la résistance de 10^6 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.

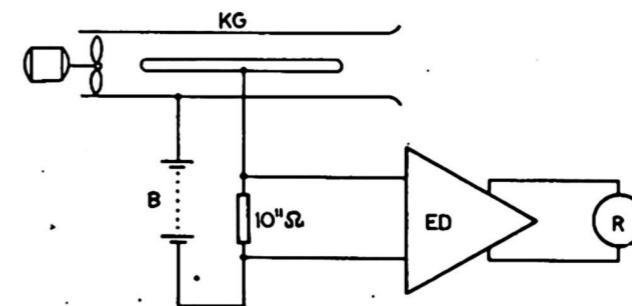


Fig. 2. Schéma - bloc du système d'enregistrement électrique de la conductibilité de l'air; KG - condensateur Gerdien, B - batterie d'éléments électriques, ED - électromètre vibratoire, R - miliampéromètre enregistreur.

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 milliamperometer.

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 trouvent 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 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.

L'ensemble des données sur les éléments de l'électricité atmosphérique et de la météorologie pour l'année 1974 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), lorsque la vitesse du vent dépassait 6 m/s, 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" ont été 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 chaque jour a été présenté sous rubrique comprenant les lettres-symboles suivants: b - ciel serein, c - nébulosité modérée, o - nébulosité considérable, r - pluie, d - bruine, p - précipitation passagère, s - neige, g - neige granuleuse, h - grêle, t - orage local, l - orage lointain, f - brume, m - brouillard, z - nuage de poussière, hf - givre, wind - vent vitesse > 6 m/s.

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 de 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 et 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 1974 les mesures de l'électricité atmosphériques et des éléments météorologiques ont été réalisées par: S. Warzecha, W. Kozłowski, K. Kasprzak, K. Kostrzewa, et E. Morawska. 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 à Świder, Z. Kalinowska, et le chef du Laboratoire de l'Electricité Atmosphérique de l'Institut de Géophysique à Varsovie, S. Michałowski, ont assuré la coordination de l'ensemble des travaux.

Stanisław Warzecha

Świder, le 20 Mars 1975

INTRODUCTION

The present issue contains the results of recordings of some elements of atmospheric electricity and daily observations of major meteorological factors, noted at the S. Kalinowski Geophysical Observatory of the Polish Academy of Sciences at Świder. Data for the years 1957-1973 have been published in *Prace Obserwatorium Geofizycznego w Świdrze* Nos. 16, 19, 20, 22, 25, 29, 33, 34, 38 and in *Materiały i Prace Instytutu Geofizyki PAN*, Nos. 23, 28, 38, 44, 53, 63, 77 and 80, respectively.

Świder is located in the central part of Mazowsze Lowland, which constitutes a flat bowl formed of glacial sediments. Underneath these sediments, usually at depths of a few hundred meters, lie another Tertiary and Quarternary 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, but 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. A district town of 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 interspersed 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. 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. These sets, located at different places, are 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. 1). Each collector, coated with ionium with an activity of $30 \mu\text{C}$ 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 10^4 Ohms, the time constant of 16 s, and several measuring ranges in the interval from -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 disturbances 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. 2). 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 $2.6 \text{ cm}^3/\text{V s}$. 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 10^6 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: $6^{\text{h}} - 6^{\text{h}} 30$ G.M.T. (I), $11^{\text{h}} - 11^{\text{h}} 30$ G.M.T. (II), and $18^{\text{h}} - 18^{\text{h}} 30$ 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 two meteorological shelters located in the southern part of the clearing. The minimum thermometer is placed on the ground. 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 the 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.

The atmospheric electricity and meteorological data obtained in 1974 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 weather during each day. Signs > or < preceding a given entry indicate that the real value is greater or smaller than that given in the table, since the curve exceeded the recording range in positive or negative direction, 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 \ddagger . 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 hourly values obtained during atmospheric precipitation, fog, mist, close or distant thunderstorm, lower cloudiness of more than $1/3$, at wind velocity of more than 6 m/s, 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". Since 1971 issue, we have not been publishing 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, d - drizzle, p - passing showers, s - snow, g - granular snow, h - hail, t - thunderstorm over the station, l - distant thunderstorm, f - fog, m - mist, z - haze, hf - hoar frost, wind - wind velocity $> 6 \text{ m/s}$.

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 cu. cm 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 1974, the atmospheric electricity and meteorological observations, as well as the data treatment, were carried out by S.W. arzecha, W. Kozłowski, K. Kasprowski, K. Kostrzewa, and E. Morawska. 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.

Stanisław Warzecha

Świder, 20 march 1975

LES COORDONNÉES DE LA STATION
COORDINATES OF THE STATION

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

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, shover of rain
- ◆ Bruine, drizzle
- * Neige, snow
- ❀ Neige passagère, shover of snow
- ▲ Neige granuleuse, granular snow
- ☒ Grésil mou, soft hail
- △ Grésil gros, small hail
- △ Pluie glaciale, grains of ice
- ▲ Gréle, hail
- ✖ Pluie accompagnée de neige, sleet
- ↔ Aiguilles de glace, ice needles
- Rosée, dew
- [Givre, hoar frost
- ▽ Gelés 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 certain altitude, drifting snow (high up)
- ≡ Brume modérée, moderate fog
- ≡ 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
- ↖ Eclair, 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

T A B L E A U X

T A B L E S

Janvier - January

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	200	174	217	223	211	171	169	209	224	262	315	343	323	351	354	379	
2	330	280	224	200	211	263	307	[308]	349	364	342	319	356	372	454	504	
3	377	391	361	367	389	440	438	451	445	406	448	462	529	517	525	539	
4	266	207	182	153	169	196	225	340	371	372	354	336	424	388	365	381	
5	199	125	162	155	176	190	[217]	228	185	141	[67]	[122]	171'	224	227	266	
6	197	203	350	196	168	266	351	336	280	280	308	414	235	252	322	364	
7	378	374	424	500	584	634	567	504	504	554	574	585	574	587	571	532	
8	118	87	123	123	112	129	87	39	20	97	97	182	182	192	179	154	
9	109	102	98	101	112	141	182	182	193	210	249	283	280	312	336	378	
10	284	263	260	364	406	433	452	379	378	378	416	426	420	442	459	517	
11	364	353	321	284	307	295	329	364	322	298	347	336	354	364	406	413	
12	1	1	<-119	111	32	-1	-13	-8	-38	-98	-129	-115	-132	-147	-77	-43	
13	-78	-160	-112	-163	-106	6	-22	[4]	-6	-122	34	154	237	285	309	286	
14	315	301	290	266	238	252	293	319	378	448	426	[451]	476	484	448	437	
15	367	377	388	336	406	466	491	503	490	504	490	490	504	521	525	504	
16	64	-315	1	1	-140	-228	-297	-118	43	213	379	448	462	512	539	532	
17	29	25	-109	(-1176)	(-1142)	<-991	-105	57	157	14	-62	109	305	252	305	252	
18	-102	-266	-412	-588	-529	-475	[199]	-133	49	-168	-329	[294]	-182	-126	-94	-192	
19	288	330	321	311	-10	-50	45	29	-18	-182	-475	-85	-157	-190	-162	-112	
20	280	263	210	235	197	309	213	146	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	241	419	563	546	445	284	273	144	-13		
22	169	224	182	137	186	115	[116]	252	322	280	371	238	280	316	364	419	
23	140	73	108	98	85	-4	-28	-7	-	-	-	-	42	70	126		
24	196	168	224	98	-7	-14	-13	126	-28	119	290	239	29	168	196	200	
25	220	157	42	70	28	17	92	1	-458	203	308	17	378	392	343	410	
26	74	-53	168	242	322	182	378	249	116	-207	'84	92	-83	-84	-91	126	
27	122	143	87	29	(97)	(63)	(235)	451	529	424	396	406	444	462	433	339	
28	130	162	199	179	14	25	-36	1	88	83	0	-91	-104	-251	-196	-115	
29	168	171	99	115	186	211	210	242	210	290	350	361	336	309	238	260	
30	84	57	98	84	70	8	113	-48	-52	-144	81	154	196	223	224	151	
31	98	118	213	241	214	277	332	307	269	308	266	308	424	364	378	399	
A	297	289	285	285	314	353	340	339	363	360	390	402	411	417	440	443	
N	186	149	<159	114	100	<110	171	198	198	203	226	246	261	259	270	280	

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

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

ATMOSPHÉRIQUE 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
433	433	441	489	548	510	393	368	-	322	588	109	479	o	1	
514	540	533	528	539	519	510	455	-	388	571	167	404	c	2	
533	553	560	546	470	470	342	223	449	449	588	137	451	b,hf	3	
507	455	405	409	458	308	231	239	-	322	539	91	448	o,hf,g	4	
273	211	174	154	298	241	269	224	-	198	421	22	399	o,hf,m	5	
533	554	500	542	542	504	412	378	-	354	574	-10	584	c,g,m	6	
526	489	399	367	312	319	301	239	-	475	672	204	468	c,hf	7	
235	224	266	280	238	214	179	143	-	154	293	-13	306	c,hf,g	8	
365	392	377	381	336	363	340	238	252	252	431	92	339	b	9	
560	514	504	515	518	490	402	370	-	423	574	182	392	o,hf,s	10	
409	392	420	392	364	353	<-162	1	-	-	-	-	-	c,s	11	
-76	-35	18	28	-39	-14	-10	-106	-	-	-	-	-	o,s,g	12	
253	223	238	280	336	350	323	307	-	119	399	-231	630	o,s	13	
462	496	504	504	491	486	451	386	400	400	545	218	327	c	14	
479	448	350	220	62	153	164	220	-	394	543	1	542	o,s	15	
512	535	580	449	294	56	1	95	-	-	-	-	-	o,r,m	16	
220	168	-315	-302	-172	-168	-182	-133	-	<-124	378	<-2100	>2478	o,r,m	17	
-154	-132	125	64	11	158	263	337	-	-140	865	-756	1621	o,r,s	18	
-154	-94	-252	-1298	<-1722	<-571	178	252	-	<-158	364	<-2100	>2464	o,s,r,m,f	19	
-	-	-	-	-	-	-	-	-	-	-	-	-	c	20	
-168	24	251	46	168	294	332	252	-	-	-	-	-	o,hf,m,d	21	
465	-	-	333	217	196	164	126	-	-	-	-	-	o,d	22	
223	126	87	56	256	305	392	259	-	-	-	-	-	o,d,g,m	23	
25	-336	-336	-504	17	-113	22	319	-	45	403	-1231	1634	o,r	24	
504	507	462	445	444	63	-95	42	-	-	-	-	-	o,r,m	25	
192	76	123	140	126	108	181	336	-	117	490	-756	1246	o,r,d,f,m	26	
308	354	322	198	230	252	168	174	-	278	602	-55	657	c,m,f,hf	27	
-224	45	381	381	364	272	120	53	-	62	532	-476	1008	o,m,f,d	28	
309	323	344	337	308	280	168	134	-	247	385	17	368	c,hf,m</td		

Février - February

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		126	112	144	168	200	193	182	108	81	167	216	309	392	392	388	412	
2		322	214	196	203	230	283	297	322	283	272	368	406	430	448	531	500	
3		118	84	39	53	56	69	67	88	154	160	137	227	255	322	433	306	
4		56	147	158	154	158	154	[190]	171	-	42	63	123	164	<-504	-1462	<-1155	
5		238	-286	-60	-748	-25	95	69	-11	63	98	176	356	172	70	(125)	305	
6		258	245	232	182	209	182	52	84	[125]	168	202	216	325	347	350	288	
7		71	84	55	-84	67	144	-87	392	209	286	213	281	242	197	154	126	
8		147	182	148	119	70	143	378	126	-98	57	164	207	202	196	224	286	
9		126	62	165	158	126	140	108	46	1	-	(<-265)	-160	-132	-73	-73	-84	
10		(<-650)	(<-1247)	-428	13	21	71	155	-815	-1092	<-256	136	406	333	326	249	353	
11		174	108	67	45	88	25	64	200	165	227	318	386	332	.322	357	336	
12		196	168	157	133	165	193	[178]	206	231	253	305	354	360	368	370	322	
13		73	105	74	0	32	63	136	188	276	308	384	314	406	449	392	378	
14		154	143	129	112	126	140	158	168	200	196	196	196	235	309	346	329	
15		-1	7	1	42	17	56	67	11	50	83	[175]	238	279	308	322	280	
16		335	286	242	182	136	77	154	-35	[<56]	-101	-182	-153	-43	70	225	308	
17		178	190	223	56	41	14	57	127	122	175	200	245	227	322	391	382	
18		105	84	53	56	56	55	115	250	298	312	391	406	375	405	395	410	
19		-7	-27	28	3	11	-34	98	-10	-55	4	49	141	14	-186	-304	-336	
20		-98	-14	50	504	-399	-62	-182	-70	151	242	220	297	364	392	360		
21		368	452	363	363	350	444	441	[416]	349	364	287	276	245	263	245	-	
22		210	214	169	169	182	192	252	350	295	291	293	305	304	322	336	347	
23		230	178	182	126	112	148	182	204	210	189	181	178	182	151	196	202	
24		125	112	126	116	126	119	158	196	176	160	172	111	136	164	182	196	
25		0	7	-98	-14	-28	45	32	59	29	34	18	154	133	129	172	196	
26		74	35	41	39	49	97	237	307	291	288	273	283	312	378	377	402	
27		336	273	304	252	308	325	448	[489]	[452]	472	434	434	402	395	396	420	
28		529	531	479	476	462	504	508	532	497	448	436	420	399	392	385	406	
A		276	243	230	200	214	290	305	313	304	283	316	323	333	364	379	384	
N		<136	<84	113	87	137	126	165	142	123	<180	<199	246	249	<237	218	<232	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
421	238	126	213	280	249	94	322	-	231	504	32	472	o,m,hf	1
325	270	298	284	266	335	252	224	-	315	573	95	478	b,m,hf	2
367	371	393	428	378	336	235	112	-	216	528	-11	539	o,m,f	3
-286	367	[<546]	<-1357	(-441)	-14	21	-358	-	-	-	-	-	o,m,f,d,r,hf	4
116	228	224	216	175	228	120	224	-	91	623	-1134	1757	o,r,s,m,f	5
195	<-496	<-1273	-1390	-311	42	162	126	-	22	408	<-2100	>2506	o,m,r	6
118	90	46	-126	70	84	56	97	-	116	689	-1546	2235	o,r,s	7
293	>605	210	210	130	(>284)	148	203	-	194	>2100	(->1932)	(>4032)	o,s	8
-70	-56	98	22	-35	-848	-605	-210	-	-	-	-	-	o,s,r,m,	9
384	377	322	364	364	357	374	251	-	15	622	<-2100	>2722	o,r	10
347	336	357	361	308	224	249	178	-	232	417	-28	445	o,hf	11
283	294	308	277	210	98	112	108	235	235	433	81	352	o,hf	12
392	378	379	363	323	294	224	151	-	252	510	-56	566	o,hf,m	13
322	322	241	269	196	71	41	25	-	193	378	-15	393	o,m	14
350	389	368	336	364	322	307	339	-	198	504	-27	531	o,f,m,hf	15
244	216	209	230	95	88	98	126	-	114	349	213	562	o,r,s,f	16
242	[182]	224	220	252	111	69	87	-	161	462	-13	475	o,f,m,hf	17
388	314	311	308	266	147	81	67	-	234	489	0	489	o,nf,r	18
-193	-140	-34	-21	-78	-140	-71	11	-	-53	200	-564	764	o,m,d	19
426	560	602	608	578	545	574	486	-	251	672	-1021	>1093	o,r,s,m	20
322	451	383	386	378	347	297	248	-	-	-	-	-	o,hf	21
328	392	[438]	448	412	367	252	242	-	296	465	141	324	o,hf,m	22
207	206	238	237	228	266	282	195	-	195	336	97	239	o,hf	23
238	207	126	168	182	90	101	55	-	148	280	21	259	o	24
28	182	126	17	60	101	84	84	-	65	251	-263	514	o,s	25
476	522	461	438	533	529	462	350	-	302	564	7	557	o,s,hf	26
500	574	594	578	578	550	493	503	438	438	615	223	392	b,hf	27
447	489	[546]	518	472	448	378	353	461	461	631	294	337	b,hf	28
378	444	442	407	394	354	322	276	335						

Mars - March

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		353	364	325	322	350	392	462	434	420	377	309	279	266	252	267	288	
2		294	276	245	228	239	274	265	291	325	312	322	227	98	34	57	186	
3		224	210	197	218	213	169	195	252	277	256	196	[−27]	−27	14	11	77	
4		109	56	42	14	8	62	132	165	169	195	203	228	218	232	248	260	
5		171	153	105	59	62	77	95	84	70	74	48	71	126	161	155	168	
6		112	98	60	37	56	70	27	8	60	98	126	203	245	203	234	238	
7		112	84	80	101	97	−200	−204	−148	−88	−66	−126	[−148]	−186	−182	−108	56	
8		97	148	78	28	10	−27	18	64	84	122	125	−7	(−20)	−3	70	154	
9		263	234	217	197	192	196	176	99	43	18	−95	42	49	97	133	237	
10		196	206	210	118	−129	69	84	112	86	−130	[−511]	[−350]	−186	−56	−24	126	
11		119	153	144	146	155	181	224	283	238	168	56	−29	−41	−14	203	281	
12		351	336	325	364	378	392	420	424	364	326	309	330	322	322	392		
13		349	307	265	249	211	141	224	237	265	253	253	281	286	280	265		
14		(77)	87	105	81	85	83	97	95	[59]	10	49	154	196	199	265	256	
15		55	87	77	141	42	43	27	97	83	46	88	237	210	203	181	83	
16		−36	−27	−13	−28	−53	0	31	56	126	209	231	227	245	231	238	189	
17		(127)	(101)	(42)	(−181)	(−63)	(−87)	(−180)	(−147)	(−169)	(−203)	(−115)	(−136)	(−140)	†	−56	70	
18		224	209	210	172	151	154	231	235	197	214	204	202	255	237	224	189	
19		91	155	146	147	139	150	231	196	294	354	336	315	278	267	252	224	
20		106	137	168	196	144	151	182	202	210	196	210	214	224	223	244	252	
21		56	56	98	98	48	97	182	[245]	262	290	294	295	312	304	267	238	
22		81	21	−7	3	28	52	126	[195]	[220]	213	248	266	248	238	221	211	
23		84	45	27	38	67	84	140	[88]	97	55	101	148	193	238	205	280	
24		99	98	98	98	80	136	161	227	268	294	322	323	357	370	342	307	
25		101	127	78	76	91	140	221	308	337	−	360	385	372	370	[392]	396	
26		101	116	154	133	112	133	207	343	381	392	386	381	402	377	385	413	
27		286	273	295	239	281	403	406	266	308	−	[346]	312	308	322	314		
28		210	162	193	220	270	364	468	476	382	322	308	279	258	253	256	280	
29		321	302	283	277	315	358	392	378	382	281	253	245	200	195	203	175	
30		182	154	130	70	41	118	195	241	217	185	(217)	(200)	224	196	71	†	
31		203	155	130	112	122	213	280	288	259	238	199	175	175	193	224	239	
A		203	194	186	188	185	193	243	266	268	263	265	270	251	247	253	267	
N		164	158	145	130	119	138	178	201	199	180	<163	<172	176	192	197	228	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
371	375	389	416	421	379	346	322	352	352	531	210	321	b	1
286	308	323	325	308	280	252	241	249	249	366	4	352	b,hf	2
202	209	223	126	154	182	143	115	—	159	298	−238	536	c,hf	3
294	[314]	297	273	252	221	183	182	—	182	326	−14	340	c,hf	4
154	157	195	189	167	140	139	125	—	124	228	0	228	c,hf	5
232	200	253	248	210	218	182	182	—	151	284	−6	290	c,s	6
84	88	77	84	174	123	113	63	—	−5	196	−575	771	c,s	7
213	252	287	267	246	228	274	267	—	124	294	−141	435	c	8
288	287	298	248	202	231	252	210	—	171	335	−360	695	c,hf	9
172	178	214	258	234	196	181	140	—	<57	266	−700	>666	c	10
363	368	361	365	364	392	364	363	—	217	407	−210	617	b	11
455	445	435	433	424	392	396	372	376	376	490	287	203	c	12
272	377	461	379	392	377	381	176	—	289	585	111	474	b,hf	13
237	218	181	85	129	105	77	151	—	128	336	−1	337	c,m	14
49	57	−123	−10	8	−85	−27	−55	—	63	274	−185	459	c,r,m	15
168	>322	98	†	40	147	39	140	—	—	—	—	—	c,r	16
120	28	†	†	†	153	202	199	—	—	—	—	—	c,r,h,t,m	17
132	35	−29	−56	27	48	43	†	—	—	—	—	—	c,r	18
196	182	183	234	238	183	251	259	—	221	365	−7	372	c	19
238	216	197	169	151	85	56	45	176	176	279	31	248	c	20
209	336	307	169	−6	−28	−14	70	—	174	449	−38	487	b	21
245	182	41	38	42	70	87	109	—	132	280	−24	304	b	22
203	41	[13]	45	70	83	98	108	—	108	322	−14	336	c	23
293	295	298	326	349	290	171	101	238	238	384	70	314	b,hf	24
392	385	244	168	102	112	112	130	—	—	—	—	—	c,hf	25
435	535	571	587	585	526	462	342	352	352	615	69	546	b,hf	26
284	322	413	370	368	308	287	252	—	—	—	—	—	b,hf	27
314	357	381	392	388	336	330	318	313	313	566				

Avril - April

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	b	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		295	267	277	249	209	210	262	21	218	66	<-244	-1005	-945	<-1525	<-1365	-1155	
2		308	302	270	224	181	238	266	21	109	-140	-186	-112	15	109	112	126	
3		232	196	134	126	78	213	308	32	329	325	309	[281]	244	258	288	266	
4		336	312	239	197	197	307	410	36	295	238	256	221	196	186	169	161	
5		193	168	151	140	146	218	[206]	209	197	178	162	157	126	112	141	80	
6		213	126	126	155	71	90	112	230	302	301	286	242	253	223	224	200	
7		260	209	214	175	126	160	[238]	126	84	147	218	211	223	213	216	207	
8		196	228	224	202	182	35	146	238	316	294	238	224	203	238	175	169	
9		168	157	150	38	62	118	182	297	357	329	280	182	153	151	165	>294	
10		98	81	67	70	143	238	274	287	246	[211]	223	231	238	202	196	202	
11		119	84	62	80	130	179	238	350	336	242	98	46	52	167	168	168	
12		210	168	154	71	28	28	24	13	-27	-42	-56	-42	-41	-14	70	130	
13		71	81	70	57	59	85	181	238	248	248	181	140	112	123	143	154	
14		214	213	210	182	182	230	231	190	195	161	168	[169]	154	158	168	172	
15		224	174	161	99	140	216	223	225	182	140	127	126	120	112	112	116	
16		102	98	104	91	78	111	168	154	115	70	91	[102]	94	109	129	154	
17		115	126	101	62	73	83	[98]	130	137	120	140	-71	†	†	†	>231	
18		-10	-10	-35	10	59	80	189	252	224	171	154	126	137	143	153	139	
19		256	210	143	67	85	-	-	-	-	-	-	-	-	[129]	123		
20		98	126	167	154	157	130	-	-	-	-	-	-	-	-	-	238	
21		196	195	195	322	158	21	-	265	126	64	†	[203]	>378	126	174	80	
22		-50	-76	-56	-70	42	-31	92	99	147	196	168	45	53	>-71	†		
23		224	256	130	168	-143	-99	99	183	<298	†	630	210	190	11	21	29	
24		111	115	118	83	-17	55	153	133	†	[34]	[-418]	-25	98	112	106	141	
25		319	433	113	-18	27	[56]	147	200	182	196	162	154	[161]	154	127	157	
26		115	112	98	112	151	169	175	175	182	115	42	-126	-118	56	-41	-119	
27		-350	-179	-63	-98	-63	-199	-396	-182	-108	-175	-293	-364	-53	-7	-111	-130	
28		73	70	112	106	106	140	193	167	155	154	144	176	129	126	126	137	
29		176	154	154	155	196	209	244	217	190	154	98	74	67	77	77	98	
30		123	126	136	157	185	185	199	196	172	171	143	136	126	†	†	†	
A		188	169	152	132	141	188	223	249	255	239	218	196	194	174	160	167	
N		155	151	131	112	101	120	173	199	<193	147	<116	51	>84	<64	67	>92	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
-562	-105	32	57	225	256	252	284	-	-144	312	<-1750	>2062	b,wind	1
192	227	256	266	260	241	225	251	-	165	316	-493	809	b,wind	2
300	[350]	419	426	420	385	372	342	288	288	459	42	417	b	3
210	252	274	284	309	294	279	206	258	258	477	130	347	b,hf	4
161	168	260	407	514	538	441	185	-	219	582	-21	603	c	5
253	343	462	491	295	308	234	196	-	239	553	55	498	c,m	6
263	318	367	378	350	293	277	237	-	230	435	-21	456	c	7
126	267	91	234	307	196	203	213	-	206	595	-392	987	c,r	8
239	253	314	252	238	249	168	125	-	205	>700	-685	>1385	c,r	9
202	279	486	405	329	294	227	162	225	225	549	56	493	b	10
154	182	[196]	206	213	238	231	221	-	173	368	-356	744	b,wind	11
154	154	154	175	196	211	171	94	-	83	295	-63	358	c	12
154	193	[294]	469	448	384	284	224	-	193	525	45	480	b,hf	13
172	[217]	343	370	416	350	272	210	223	223	462	153	309	b,hf	14
130	151	[198]	207	216	134	153	136	-	159	316	-8	324	c,hf	15
182	188	[255]	378	396	344	182	154	-	160	539	-157	696	c	16
266	210	[182]	207	227	148	71	55	-	-	-	-	-	c,r	17
221	263	266	302	346	368	377	321	-	177	392	-56	448	c,hf	18
140	200	[280]	286	308	154	137	162	-	-	-	-	-	o	19
260	308	[420]	476	500	468	462	364	-	-	-	-	-	o,r	20
1	325	346	364	406	387	316	470	-	-	-	-	-	c,r	21
84	[290]	-	207	237	343	377	280	-	-	-	-	-	o,r	22
116	154	196	245	182	150	158	210	-	-	-	-	-	o,r	23
168	161	294	272	378	490	196	125	-	-	-	-	-	o,r	24
168	168	182	182	251	203	158	133	-	167	584	-56	640	c,hf	25
-120	-70	14	83	63	179	-13	-302	-	39	1008	-1722	2730	o,r	26
-136	-157	-129	-74	-39	39	42	77	-	-131	102	-524	626	o,r,m	27
165	182	[196]	197	181	168	182	179	-	148	237	34	203	o	28
84	42	140	-15	-14	12	111	126	-	118	420	-56	476	c,r	29
†	196	>322	42	115	74	81	98	-	-	-	-	-</		

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		126	102	111	112	116	133	139	[140]	[109]	84	70	64	62	42	32	28		
2		140	59	31	73	116	160	129	161	157	112	112	143	120	196	165	231		
3		171	84	66	39	-246	109	214	252	[258]	[160]	126	[105]	<-554	<-197	[116]	157		
4		242	280	70	266	266	329	[326]	267	235	256	248	238	236	252	237	228		
5		99	87	126	133	185	165	252	266	238	252	<546	[<-626]	162	157	200	238		
6		165	206	169	154	84	98	56	168	182	129	224	224	238	301	224	125		
7		-24	46	17	28	11	4	56	73	41	13	-924	-1495	[<-974]	28	-67	7		
8		-449	-882	-1117	-920	-743	<-1638	-567	[<-638]	<-1982	<-1138	-266	-706	-298	[<-17]	[84]	-108		
9		-123	32	71	84	25	[<-29]	-	[169]	155	65	-151	84	84	56	49	84		
10		42	102	196	179	199	[112]	-	-	-	-	119	[164]	252	336	242			
11		322	280	251	151	200	171	266	269	266	252	252	237	214	210	186			
12		49	42	41	42	97	140	-	273	249	221	186	199	179	178	182	182		
13		140	141	123	133	168	196	273	272	238	182	158	171	164	178	171	196		
14		183	179	182	182	185	220	249	225	185	188	136	128	140	154	143	130		
15		140	140	126	112	112	168	190	157	182	196	171	140	157	168	162	140		
16		78	-25	-14	-4	<-244	<-434	-374	52	67	43	14	35	28	28	39	81		
17		120	113	112	137	147	161	161	158	168	168	181	196	[192]	199	161	112		
18		84	99	137	161	213	251	350	249	266	252	181	[169]	171	174	147	151		
19		210	185	181	204	266	309	322	339	263	224	167	84	-74	-137	-39	-14		
20		259	234	179	140	190	252	326	[360]	276	210	192	182	186	196	195	193		
21		255	231	174	196	[189]	[188]	185	151	154	140	126	112	92	71	112	1		
22		168	204	190	165	112	140	126	168	221	206	234	!	!	<-39	277	209		
23		119	112	-84	<122	!	<235	>479	-92	!	!	!	!	3840	[262]	-88	294	420	
24		-38	0	-88	0	71	95	167	297	280	234	186	192	(189)	157	168	185		
25		196	166	154	101	196	238	237	209	258	221	182	221	220	213	182	168		
26		122	67	122	-22	-112	77	[238]	216	224	!	45	[42]	98	98	84	123		
27		-28	-14	42	63	119	125	140	168	168	186	182	186	167	231	239	258		
28		112	161	126	137	174	224	276	291	246	210	168	183	168	189	168	>420		
29		-42	-66	-63	-46	-42	17	[112]	[161]	158	160	249	228	!	38	<-332	-369		
30		77	31	35	15	87	211	210	198	151	133	168	164	98	112	126	162		
31		381	336	322	238	337	304	[286]	232	[214]	126	111	[56]	43	126	84	70		
A		170	164	153	154	191	215	238	230	203	175	168	158	174	184	168	175		
N		106	88	64	<77	<83	<88	>172	175	<125	<75	64	<67	<114	<134	>162			

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
-95	88	[174]	238	210	221	84	95	-	104	623	-438	1061	o,r	1
255	276	[286]	13	101	168	251	179	-	151	343	-95	438	o,r	2
91	221	[115]	230	248	198	41	129	-	88	1928	<-2100	>4028	o,r,m	3
210	225	289	248	224	168	134	126	-	233	462	14	448	o,r,m	4
224	-617	<-798	<-1310	112	171	252	239	-	-14	1814	<-2100	>3914	o,l,r	5
206	245	[109]	126	126	105	92	81	-	160	318	-62	380	o,r	6
-748	-525	-210	-659	-1029	-70	-195	-167	-	-282	169	-2016	2185	o,r	7
-126	-386	-14	[56]	151	207	125	68	-	-471	238	<-2100	2338	o,r	8
157	210	238	309	221	153	153	102	-	-	-	-	-	o,r	9
295	217	239	361	294	434	465	347	-	-	-	-	-	o,r	10
185	[183]	185	154	112	98	84	63	-	202	365	53	312	o	11
182	210	263	279	287	238	181	184	-	-	-	-	-	o	12
182	210	238	249	196	144	168	193	-	186	302	101	201	o	13
137	167	199	179	167	162	140	128	-	169	266	116	150	o	14
144	98	204	207	217	140	139	112	-	155	370	56	314	o	15
70	167	238	196	168	182	168	140	-	29	392	<-700	>1092	o,r	16
112	164	[202]	272	311	252	172	113	-	170	361	88	273	o,r	17
144	182	322	406	410	448	264	280	234	234	487	45	442	o	18
77	182	[284]	316	308	346	350	273	-	193	377	-354	731	o	19
182	210	[262]	235	263	237	210	318	228	228	399	112	287	o	20
[<-269]	-81	[28]	227	206	112	95	98	-	-	-	-	-	o,r,m	21
213	259	350	347	364	290	224	182	-	-	-	-	-	o,r,l	22
!	!	<-508	916	-164	-42	25	-38	-	-	-	-	-	o,r,l	23
224	249	286	300	347	400	377	294	-	190	454	-735	1189	o,r	24
203	195	120	140	185	214	224	154	-	192	335	-14	349	o,r	

Juin - 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		300	-151	-36	-6	-1	126	195	214	218	153	112	182	175	176	168	196	
2		155	180	141	141	150	168	[209]	237	238	216	196	[122]	118	153	153	161	
3		122	162	97	36	119	168	195	[210]	207	210	206	207	189	161	165	203	
4		13	13	-167	-6	55	28	[57]	154	(158)	130	126	112	119	125	130	139	
5		123	85	101	97	140	169	182	169	168	[132]	123	155	[126]	167	150	160	
6		29	28	78	67	146	197	193	182	168	196	211	197	197	195	192	187	
7		-332	336	28	155	221	113	[66]	[11]	70	45	76	!	!	-403	34	168	
8		154	109	87	104	140	221	256	266	185	227	238	-252	<-815	-38	!	-252	
9		39	49	42	70	154	172	210	197	181	130	141	[39]	98	91	84	!	
10		126	112	95	98	88	126	153	168	168	168	154	154	-134	-172	174	209	
11		-361	302	-1008	-546	-197	-143	-188	-389	-357	-251	-571	-1113	-714	-294	-1134	-588	
12		69	-98	-157	-165	-588	<1886	<-1751	-1470	-260	-697	<-1890	-1319	-336	-56	-78	-56	
13		-84	-24	-39	-73	28	123	141	98	98	53	-382	-69	-92	24	42	-193	
14		126	112	125	84	4	164	154	155	144	122	115	84	85	129	125	130	
15		80	42	0	8	34	88	147	172	139	140	140	139	[112]	<-151	217	.167	
16		133	126	49	104	172	201	224	197	175	182	168	95	124	153	145	158	
17		-14	<-120	43	31	84	184	143	164	168	217	183	!	332	<-504	!	<-420	
18		216	137	52	127	211	282	307	308	268	224	232	207	199	223	213	234	
19		98	130	154	211	203	318	308	312	265	260	256	176	-13	17	56	27	
20		-90	-52	-4	6	39	85	53	202	213	185	<-462	-80	-80	98	125	154	
21		224	202	116	105	172	164	210	284	294	224	217	253	266	202	252	-378	
22		81	63	50	42	99	153	189	213	237	246	230	294	>328	>1331	546	214	
23		39	-4	28	42	56	112	147	241	251	-	-	136	126	98	<-294		
24		43	137	157	253	273	<-252	414	265	272	218	255	224	210	224	-370	!	
25		0	13	55	59	46	42	80	87	153	224	263	224	213	130	234	252	
26		210	213	199	238	259	266	280	309	434	393	323	224	171	214	224	276	
27		77	55	46	105	196	255	378	403	357	269	241	[125]	35	171	>806	!	
28		388	360	220	168	308	112	165	126	55	213	238	-160	167	224	244	249	
29		154	158	224	168	185	154	193	277	321	336	283	277	[241]	252	224	211	
30		385	381	266	293	210	266	214	237	189	129	197	162	183	185	182	197	
A		150	149	124	126	164	208	218	241	247	250	261	233	186	178	218	204	
N		83	<101	35	67	100	<72	<117	133	173	148	<58	24	57	105	>121	<55	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L' indication du temps Type of weather	Date
182	181	[189]	176	197	182	154	151	-	143	406	-253	659	e,l	1	
181	178	188	279	266	272	308	175	-	190	372	109	263	c	2	
210	>189	<-605	28	76	87	115	42	-	117	>2100	<-2100	>2100	c,r,l	3	
141	137	[154]	181	197	196	182	146	-	105	217	-518	735	c,r	4	
168	168	178	210	265	266	200	109	-	158	346	63	283	c	5	
109	[112]	-59	224	260	155	126	126	-	146	532	-1082	1624	c,r	6	
210	[198]	171	140	154	172	175	172	-	-	-	-	-	e,r,l,m,wind	7	
-122	105	143	136	84	85	88	63	-	-	-	-	-	c,r,t	8	
1	<-126	70	-81	3	99	154	140	-	-	-	-	-	c,r,t	9	
176	182	202	224	270	308	196	-420	-	118	350	-832	1182	c,r	10	
-588	-840	-99	10	0	28	32	76	-	-372	1344	-1940	3284	c,r	11	
1	>210	-88	-210	-99	-210	-294	-256	-	-	-	-	-	e,r,l,m	12	
<-983	3	28	56	126	-17	147	140	-	<-35	949	<-2100	>3049	c,r	13	
153	151	137	168	181	185	80	84	-	125	99	-99	198	c,r	14	
122	-298	231	210	167	135	113	161	-	<96	476	<-1560	>2026	c,r	15	
181	172	168	217	122	179	!	<-175	-	-	-	-	-	c,r,t,m	16	
59	-294	[63]	238	254	203	272	287	-	-	-	-	-	c,r	17	
107	265	280	364	328	378	252	105	-	232	512	31	481	c	18	
-32	60	-214	-588	-193	-76	-84	-34	-	67	588	-836	1424	c,r	19	
134	213	213	252	263	225	218	216	-	<89	882	<-2100	>2982	c,r	20	
277	322	[273]	227	252	151	70	122	-	188	406	-1932	2338	c,r	21	
168	140	116	126	119	74	77	112	-	>219	>2100	-1869	>869	c,l,r	22	
1	!	-235	97	98	81	70	3	-	-	-	-	-	c,r,t	23	
<-676	>672	197	210	126	-25	239	160	-	-	-	-	-	c,r,t	24	
202	221	199	196	242	241	207	209	-	158	458	-252	710	c,r	25	
266	258	[244]	238	140	168	91	28	236	236	479	7	472	c	26	
1	!	<155	168	161	346	433	441	-	-	-	-	-	c,r,t	27	
277	281	251	112	161	203	210	189	-	198	550	-861	1411	c,r	28	
189	199	259	391	266	270	363	389	-	249	462	17	445	c,r	29	
227	263	[287]	391												

Juillet - July

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		386	277	189	106	196	356	238	260	265	224	183	[151]	139	129	97	120	
2		(-399)	<-336	172	130	141	137	196	185	-202	143	263	259	153	129	171	134	
3		165	169	197	230	232	266	308	287	322	332	266	251	232	224	224	209	
4		94	73	112	202	-353	-239	126	-46	13	-277	-256	84	130	-168	-437	-370	
5		141	112	196	256	224	259	302	224	237	(-298)	(-307)	[85]	294	312	266	192	
6		49	165	25	52	-13	-46	14	81	140	168	225	[105]	(<0)	1	1	-15	
7		-154	71	25	25	20	95	113	[288]	246	153	64	35	-111	71	-420	-617	
8		55	102	112	98	70	70	-357	105	154	[192]	288	[(-1403)]	<-223	133	<-424	504	
9		192	199	239	112	168	>546	225	332	342	337	342	305	284	255	(238)	(221)	
10		293	262	221	153	227	311	294	269	265	455	192	[154]	63	-46	90	136	
11		283	168	168	207	236	224	266	294	353	336	308	268	252	249	129	56	
12		109	[172]	49	34	-25	168	252	146	84	98	126	[154]	196	182	232	239	
13		98	87	52	56	112	193	238	238	224	224	196	[182]	154	136	139	116	
14		245	153	70	34	7	70	126	155	196	[157]	-	143	183	169	112	130	
15		406	1	1	1	-78	98	158	294	301	336	378	308	252	238	238	223	
16		92	84	84	98	140	206	237	213	224	182	154	88	84	88	155	198	
17		196	150	113	123	182	196	[193]	224	266	269	280	252	168	168	155	171	
18		59	85	14	8	42	69	265	84	294	45	111	154	154	123	196	182	
19		70	714	-811	-277	25	-483	-133	1	756	84	10	91	84	217	126	168	
20		420	344	336	294	353	294	244	[193]	118	106	141	108	73	284	88	129	
21		256	266	154	154	168	158	94	84	196	126	171	112	83	111	279	392	
22		213	196	251	266	290	322	347	364	353	339	308	305	277	268	308	238	
23		70	196	112	126	126	120	210	210	252	179	186	174	190	224	274	242	
24		181	165	119	83	182	224	[104]	181	252	448	308	[307]	266	238	238	232	
25		122	154	224	241	-294	-97	168	395	276	210	252	210	168	148	174	228	
26		211	248	248	256	267	283	238	210	223	283	266	[340]	321	297	298	231	
27		185	140	127	136	182	217	[266]	379	426	420	353	294	276	237	1	-4	
28		-39	-18	-21	-10	64	199	[322]	406	276	249	308	294	280	238	224	217	
29		183	154	126	140	182	238	251	[196]	210	235	266	[265]	290	434	406	171	
30		336	284	270	294	308	294	[263]	266	185	291	246	92	200	210	211	214	
31		347	231	196	113	193	379	340	277	283	322	336	322	270	213	182	182	
A		217	178	165	158	204	264	250	259	259	277	270	256	240	202	187	201	
N		157	<169	112	125	115	>166	191	226	243	<225	<199	<145	<167	184	<137	144	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
130	[167]	189	182	>420	1	1	-223	-	-	-	-	-	c,r,t	1
25	56	[81]	15	28	153	126	126	-	<79	1457	<-2100	>3557	c,r	2
192	182	[172]	111	90	119	45	85	-	205	351	-69	420	c,r	3
133	[209]	193	196	204	151	196	195	-	7	1310	-1852	3162	c,r	4
210	193	[209]	206	203	144	20	-29	-	<177	1676	(<-2100)	>3776	c,r	5
1	<-294	351	245	364	130	1	32	-	-	-	-	-	c,r,t	6
1	-1134	[84]	158	224	251	133	71	-	-	-	-	-	c,r,wind	7
196	-46	[171]	-101	55	132	168	171	-	<49	2100	<-2100	>4200	c,r,l	8
231	290	350	392	428	434	392	308	-	>298	>2100	-1554	>3654	c,r	9
195	210	[266]	<-25	329	-101	249	220	-	<195	1302	<-2100	>3402	c,r	10
91	22	28	-147	-760	42	59	-98	-	127	1999	-1663	3662	c,r	11
224	196	182	224	235	237	294	179	-	166	339	-232	571	c,r	12
104	98	101	151	151	193	210	210	-	153	266	28	238	c	13
171	168	210	<-223	294	-80	322	378	-	-	-	-	-	c,r,t	14
225	210	[238]	224	151	140	112	126	-	-	-	-	-	c,r,t	15
192	224	[238]	(261)	280	239	224	218	-	176	308	71	237	c	16
195	140	[126]	266	353	-601	98	87	-	157	1722	-1361	3083	c,r	17
119	154	-76	-449	-147	42	-168	-28	-	56	1550	-1764	3314	c,r	18
182	214	[238]	386	441	445	420	433	-	-	-	-	-	c,r	19
182	196	181	196	225	199	154	202	-	211	434	-14	448	c,r,m	20
378	363	[336]	445	420	365	248	196	-	232	616	-452	1068	c,m,d,r	21
239	252	[249]	267	251	213	239	213	-	274	410	169	241	c	22
265	224	[266]	227	308	252	245	[203]	-	203	364	-168	632	c	23
280	227	[168]	189	169	73	147	126	-	204	476	-171	647	c,m	24
112	175	251	210	204	241	272	224	-	178	507	-693	1200	c,r	25
203	209	239	129	144	206	238	168	-	240	407	27	380		

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		95	56	59	155	351	469	>486	481	363	319	241	256	307	253	237	211	
2		70	-14	-393	-294	55	256	360	377	319	231	203	165	112	168	<-193	!	
3		232	182	57	>832	<-722	!	!	-168	218	277	283	210	258	295	287	225	
4		161	127	129	130	125	146	139	168	237	225	235	224	210	195	181	162	
5		88	13	>-302	-210	-63	<-188	462	223	186	225	4	168	280	300	279	285	
6		14	21	55	57	168	139	-42	13	130	284	293	242	199	169	99	-57	
7		363	293	295	199	183	298	391	[301]	[277]	210	197	209	225	251	183	210	
8		267	195	127	127	153	265	285	237	237	295	335	351	322	308	263	239	
9		231	167	125	125	153	183	137	[118]	260	-252	-185	294	188	164	168	302	
10		81	88	67	111	209	253	322	309	183	162	172	168	210	[309]	283	209	
11		218	133	211	225	263	297	[351]	370	337	321	280	[251]	[197]	126	!	>-67	
12		92	-143	-387	-323	-651	-470	-168	-42	-101	-126	98	-	[168]	155	147	125	
13		175	183	223	196	197	287	[265]	210	163	144	140	154	165	154	182	199	
14		133	232	165	167	-220	321	294	245	204	188	181	[185]	224	182	172	171	
15		98	88	95	90	146	176	171	185	225	239	266	238	196	115	184	185	
16		109	84	112	71	126	182	221	241	267	252	238	224	218	209	175	178	
17		85	62	87	99	136	213	210	[224]	224	252	246	253	[238]	202	195	-220	
18		105	101	46	42	49	66	[102]	57	!	!	84	67	98	129	151	150	
19		1	84	56	!	!	>405	308	210	190	200	210	224	185	141	157	171	
20		71	41	56	31	48	62	[86]	119	161	188	213	259	244	252	252	238	
21		235	115	-77	-57	15	148	266	307	269	245	245	239	227	232	197	199	
22		224	231	182	161	204	238	267	[267]	-	203	168	155	133	126	133	140	
23		126	125	97	70	113	154	154	186	141	148	[123]	125	98	101	55	97	
24		195	63	69	237	319	381	452	372	273	245	186	[216]	228	238	182	172	
25		218	190	211	251	263	211	224	251	263	267	218	203	188	202	210	172	
26		193	98	85	111	140	151	238	224	224	202	186	181	[224]	184	160	189	
27		130	115	127	144	145	155	170	158	138	141	145	147	146	155	169	171	
28		157	140	120	106	120	146	172	203	229	227	199	174	182	189	182	168	
29		119	116	129	94	112	117	[176]	203	224	221	164	[113]	99	98	113	184	
30		172	175	147	120	127	183	[202]	210	210	137	132	132	135	132	135	155	
31		189	126	114	109	136	177	226	216	169	119	78	53	-7	87	106	105	
A		160	132	134	128	148	194	225	231	220	205	200	208	201	185	178	181	
N		155	112	>68	>106	<94	181	230	209	214	192	179	196	189	188	<166	>170	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
235	213	210	173	!	!	<-218	225	-	-	-	-	-	c,s,t,l,r	1
181	193	[178]	224	295	272	283	322	-	-	-	-	-	c,r,l	2
242	260	[326]	490	493	312	(209)	165	-	-	-	-	-	c,r,l,m	3
195	195	[190]	227	210	143	165	165	179	179	252	111	141	b	4
393	84	180	321	189	46	<168	180	-	138	>2100	<2100	>4200	c,r,t	5
139	200	224	294	420	378	424	438	-	182	479	+210	689	c,r	6
216	182	181	188	251	300	300	283	-	249	477	109	368	c	7
213	223	[340]	475	337	377	284	266	271	271	507	91	416	b	8
119	99	[15]	-97	-43	-20	-94	<-168	-	<82	1928	<2100	>4028	c,r,l,m	9
84	1	340	248	197	214	210	-126	-	-	-	-	-	c,r,l,m	10
-340	132	[251]	405	403	323	239	130	-	-	-	-	-	c,r	11
153	167	[209]	241	224	228	203	179	-	-	-	-	-	c,r	12
197	161	[165]	181	183	143	155	95	-	179	321	25	286	c	13
175	188	187	196	167	157	157	111	-	190	356	84	272	c,s	14
168	163	[180]	182	224	221	151	140	170	170	283	70	213	c	15
185	199	[272]	253	202	154	112	87	-	182	311	42	269	b,m	16
182	176	[224]	185	143	101	-43	70	-	165	290	-237	527	b,m	17
137	148	[214]	258	213	183	179	1	-	-	-	-	-	c,r,l	18
129	133	99	112	112	94	112	84	-	-	-	-	-	c,r,l	19
238	260	246	291	280	246	266	272	183	183	308	14	294	c	20
223	223	300	349	336	302	238	241	-	209	370	-265	835	c,r	21
144	140	113	118	129	140	157	154	-	-	-	-	-	c	22
199	252	241	281	294	248	182	214	-	159	343	-4	347	c,r,m	23
224	253	391	483	419	372	333	291	-	275	616	-333	849	c,r,f	24
172	281	262	364	368	347	363	223	247	247	416	139	277	c	25
177	217	234	245	238	219	189	154	185	185	280	49	231	c	26
174	200	206	217	224	223	210	209	168	168	232	111	121	c	27
164	196	203	202	200	203	198	183	178	178	245	98	147	c	28
178	2													

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		186	148	122	93	101	134	188	186	189	190	189	122	126	110	112	132	
2		168	161	126	119	126	150	152	213	217	236	246	224	225	239	210	210	
3		196	151	119	99	85	32	196	206	251	228	244	245	227	224	223	224	
4		246	196	160	139	130	146	<83	42	13	31	-14	42	†	-60	-17	-45	
5		101	119	180	140	126	220	295	329	252	277	308	276	266	224	238	238	
6		200	154	166	196	273	294	336	406	350	392	350	330	335	333	302	263	
7		204	126	81	63	76	95	98	113	98	77	64	78	55	-98	-252	-118	
8		66	81	28	39	42	115	186	267	339	336	335	309	276	255	231	252	
9		98	70	56	70	106	102	294	322	280	260	260	269	246	224	235	265	
10		120	81	66	109	161	224	221	[263]	168	-46	<-109	231	†	†	-588		
11		214	277	252	193	207	350	447	459	448	406	361	273	227	210	196	182	
12		221	143	156	185	213	224	[309]	354	306	280	253	224	237	238	252	266	
13		183	161	102	112	182	140	276	253	[217]	207	213	[253]	251	238	232	238	
14		378	74	70	95	74	174	115	42	-27	-60	-45	3	-29	35	28	6	
15		84	112	28	-21	63	140	178	196	196	203	211	238	260	294	263	260	
16		169	143	154	175	236	322	316	[309]	288	266	284	294	326	336	363	354	
17		364	350	354	376	350	336	344	326	280	256	258	266	237	252	266		
18		120	59	70	29	56	154	210	238	[238]	238	252	199	183	203	168	168	
19		3	-8	88	88	13	140	263	308	309	294	244	209	196	186	182	198	
20		210	182	185	202	157	252	[268]	291	269	266	196	154	155	[146]	101	77	
21		-42	-11	70	137	84	99	336	434	434	378	305	294	269	253	224	221	
22		-6	39	70	49	3	14	[-63]	28	98	126	129	56	28	58	80	157	
23		259	252	244	193	263	306	335	374	309	231	169	123	168	196	210	210	
24		76	97	88	111	45	-6	-4	70	130	192	230	226	224	210	224	220	
25		161	126	144	192	182	203	221	266	302	182	190	165	153	130	17	42	
26		-14	70	56	162	235	252	343	434	424	362	343	252	225	224	239	238	
27		361	252	294	306	127	59	84	123	221	162	140	165	56	54	196	167	
28		236	309	290	371	161	129	[280]	274	448	375	294	[280]	266	301	307	322	
29		294	196	200	260	140	126	182	119	64	102	64	112	119	92	126	109	
30		140	111	112	87	112	126	126	101	70	-46	-322	-105	-237	<-609	<-617	-266	
A		190	157	143	142	173	211	265	303	306	277	254	239	243	241	234	237	
N		167	141	137	145	139	169	221	245	241	222	191	<182	184	<162	<149	142	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du Temps Type of weather	Date
154	168	[164]	175	231	228	232	167	160	160	273	73	200	c	1
197	249	[294]	339	265	181	148	154	-	203	378	70	306	c	2
252	279	294	280	294	256	207	252	-	211	333	-17	350	c	3
53	80	160	209	179	60	53	112	-	-	-	-	-	o,r	4
260	231	[227]	241	266	306	294	265	-	236	363	78	285	c	5
236	266	295	382	391	364	309	283	300	300	424	119	305	b	6
-17	-554	-199	-141	167	59	-29	73	-	14	420	-606	1226	o,r	7
214	213	207	210	182	129	111	119	-	189	438	-139	577	o,r	8
295	260	238	255	266	252	167	101	209	209	350	18	332	c	9
†	†	109	132	143	235	204	182	-	-	-	-	-	o,r	10
0	31	42	70	3	63	-105	28	-	44	601	-962	1563	o,r,d,m	14
294	270	284	308	291	252	223	196	-	202	342	-41	383	c	15
375	412	426	458	382	350	364	363	311	311	473	99	374	b	16
265	277	322	336	336	322	252	227	304	304	392	196	196	c	17
150	133	126	125	101	21	39	98	-	141	267	13	254	b	18
196	266	389	339	224	241	56	252	-	195	445	-123	568	c,r	19
0	-207	140	185	56	95	3	-27	-	140	458	-714	1172	c,r	20
266	228	336	274	213	151	129	76	-	215	442	-36	498	b,m	21
210	249	277	217	182	140	140	162	-	103	336	-420	758	c,r,m	22
126	126	162	144	154	162	126	45	-	205	106	15	391	c	23
266	210	143	140	126	112	56	60	-	135	288	-200	486	c,d,m	24
-7	55	14	111	56	28	56	42	-	.126	349	-350	699	o,d,r,m	25
168	231	302	420	420	406	423	366	-	276	493	-68	581	c,r,f,m	26
54	45	154	136	165	186	147	171	-	162	504	-175	679	c,m,r	27
336	364	420	469	403	407	236	266	-	316	490	-36	346	b,f,m	28
70	84	14	18	74	134	151	134	-	126	449	-132	360	o	29
-126	-252	[-224]	-112	-85	28	70	42	-	<79	958	<-2100	>3058	o,r	30
245	243	257	276	275	265	219	215	233						
175	<112	174	210	206	195	153	<153	176						

Octobre - October

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	h	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		91	14	-134	-294	(-664)	<-598	(<-1000)	(-1298)	-1071	165	-462	-743	-388	-995	-269	-1550	
2		20	-101	-46	-89	41	57	132	279	210	43	27	-588	28	139	193	99	
3		111	84	153	141	<-224	-42	-827	!	<-1046	<-802	-1071	!	1	<-798	!	!	
4		-8	78	141	157	210	266	287	399	408	381	285	230	234	76	!	>1176	
5		165	148	153	125	123	167	221	322	343	309	263	235	223	224	238	280	
6		41	111	241	328	280	120	139	151	136	182	258	319	315	308	267	252	
7		195	228	78	95	132	231	280	281	347	281	273	224	226	238	238	238	
8		141	151	133	139	154	192	253	252	246	246	280	294	253	294	223	!	
9		182	108	14	-196	-14	87	98	66	56	155	182	151	140	168	162	175	
10		126	112	148	180	153	196	224	255	279	-458	-769	-1008	-416	[<-1222]	70	115	
11		204	183	130	126	182	196	168	286	337	252	291	284	228	224	263		
12		32	-83	32	25	-14	-15	17	125	168	309	189	195	206	197	207	238	
13		0	-323	-298	-311	-183	-210	428	42	-542	-244	80	294	88	-81	102	202	
14		165	162	182	168	49	32	69	188	[193]	[69]	-	-	-	89	3		
15		-643	-482	-130	-550	-386	-27	22	88	13	18	-22	-11	98	126	259	153	
16		129	98	-1	14	81	31	-465	-419	827	-903	<-1387	!	<-886	<-1814	<-2045	<-2012	
17		0	-69	-154	-34	-808	-126	-208	-550	-886	-370	-	-29	-29	-	-8	-843	
18		132	11	139	139	203	246	282	274	-21	[<-83]	283	295	287	[276]	287	284	
19		277	223	197	158	140	224	258	263	[304]	291	300	267	238	224	219		
20		168	148	113	98	28	67	138	81	112	180	238	210	245	280	281	286	
21		105	234	241	203	112	43	42	68	139	73	161	168	153	245	70	39	
22		-155	-6	-3	21	-28	-38	-28	82	15	62	[36]	-168	-161	-88	116	187	
23		186	210	203	209	218	245	273	279	268	251	235	238	232	255	263	280	
24		45	57	49	42	77	112	41	150	184	77	14	28	104	263	221	39	
25		29	64	62	34	31	62	15	17	25	133	164	151	52	46	4	-185	
26		130	168	223	210	!	!	294	336	336	-13	!	230	238	252	245	56	
27		155	119	<-126	196	168	148	[200]	225	252	260	245	280	274	270	196	-592	
28		136	134	179	178	42	169	241	238	252	-	[228]	238	182	202	101	(-231)	
29		109	108	84	104	106	99	184	242	279	252	251	248	234	158	98	-392	
30		202	<-546	-882	-234	-64	182	283	274	123	252	168	197	182	203	262	224	
31		-238	42	228	84	86	116	81	45	-28	-84	138	13	126	261	280	308	
A		169	147	180	157	158	200	238	274	274	253	253	253	229	239	252	265	
N		72	<45	<43	49	<5	<73	<68	98	<70	<40	<29	80	<99	<-3	<93	<-15	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
<-1932	<-1911	[<-198]	118	224	276	196	182	-	<-507	1281	<-2100	>3381	o,r	1	
143	294	283	280	238	168	148	112	-	89	491	-1088	1587	o,r	2	
1	<-2041	<-1033	<-1420	-378	-29	-67	-102	-	-	-	-	-	o,r,f,m	3	
302	232	[211]	216	251	252	238	217	-	209	350	21	329	o,hf	4	
277	268	206	188	175	190	105	87	-	142	368	-680	1058	o,m	5	
210	144	[91]	-14	-123	-476	-32	184	-	216	392	29	363	o,r,f,m	7	
251	175	252	253	246	167	127	147	-	-	-	-	-	o,r,m	8	
1	126	[206]	81	!	>-284	123	62	-	118	259	-580	819	o,r,wind	9	
182	196	182	186	184	143	185	128	-	<-48	438	<-2100	>2538	o,r,wind	10	
15	104	[89]	28	80	182	183	210	-	-	-	-	-		11	
251	265	[182]	129	91	84	56	49	-	193	378	18	360	o,r,wind	12	
238	154	176	85	55	42	21	38	-	106	589	-648	1237	o,r,m	13	
111	-28	4	99	210	226	224	148	-	0	1365	-937	2302	o,r,m,f	14	
17	71	81	179	123	29	-580	-478	-	-	-	-	-	o,r,m,r	15	
335	392	433	448	378	84	139	120	-	38	580	-1172	1752	o,r,m,f	16	
<-970	70	336	230	84	13	84	-61	-	-	-	-	-	o,r	17	
38	1	[28]	-106	-10	122	176	63	-	-	-	-	-	o,r,d	18	
203	281	323	307	326	312	301	293	-	223	364	-837	1001	o,r,d	19	
258	286	[253]	255	253	223	182	168	-	240	329	112	217	o	20	
185	182	[252]	307	268	263	270	132	-	188	322	-18	340	o,r		
20	3	-28	-97	-92	-168	<-357	<-332	-	<43	538	<-700	>1238	o,d,r	21	
73	196	[287]	344	308	239	217	183	-	68	358	-423	781	o,r	22	
277	294	288	235	165	77	112	62	-	224	329	13	316	o,r	23	
98	153	[116]	183	186	87	111	-34	-	98	416	-119	535	o,r,m	24	
-126	1	-55	17	202	210	1	281	-	-	-	-	-	o,r,d	25	
123	4	178	238	90	123	87	184	-	<-25	1684	<-2100	>3784	o,r,wind	27	
-1029	<-1512	[<-622]	-21	-36</td											

Novembre - November

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	308	333	322	322	279	272	315	314	322	[322]	276	231	221	224	221	294	
2	252	280	339	155	167	199	197	224	112	20	-31	-238	-512	<-1390	-1630	-1533	
3	-798	-630	-504	-126	<-822	1	-28	-126	-29	-126	-94	[38]	84	155	168	237	
4	-62	-185	-123	-197	-200	-195	-209	-139	[94]	[88]	-	-14	[74]	-224	[112]	-126	
5	62	31	112	69	50	85	123	269	281	171	187	171	162	169	224	266	
6	182	164	207	130	105	169	141	50	97	42	71	196	[272]	285	281	380	
7	300	267	210	252	224	210	263	273	285	[266]	283	280	266	280	294	286	
8	108	83	118	55	98	95	262	203	258	235	184	211	195	216	113	139	
9	297	255	140	108	181	120	144	84	154	209	185	213	168	126	105	113	
10	7	8	15	73	98	105	153	127	129	125	109	134	56	187	158	112	
11	-95	74	116	-3	57	140	210	253	269	266	239	286	269	319	294	253	
12	120	97	98	91	140	196	213	221	279	322	307	322	350	378	378	346	
13	182	239	252	267	223	185	238	337	342	312	329	[300]	285	321	319	350	
14	83	98	13	63	126	167	228	217	294	333	342	340	(349)	398	410	361	
15	104	98	70	134	134	140	140	168	185	181	225	[287]	336	330	[333]	[252]	
16	136	111	98	101	83	98	182	203	266	252	284	336	350	364	349	287	
17	224	238	217	210	210	224	224	252	252	238	246	286	276	315	308	280	
18	1	32	3	1	14	41	98	126	182	238	294	350	385	403	322	148	
19	175	195	84	141	244	199	203	[253]	193	183	151	141	213	238	256	[210]	
20	-479	-710	-99	-15	14	98	154	211	[281]	322	328	361	323	306	[322]	[328]	
21	14	48	-17	57	98	112	140	140	84	226	294	[337]	[368]	371	[336]	342	
22	231	378	365	210	316	266	141	261	[308]	167	330	449	294	378	336	340	
23	336	239	273	273	458	571	693	882	426	392	378	388	337	336	266	335	
24	196	196	197	209	214	227	286	294	266	249	236	244	272	286	349	364	
25	258	238	224	203	126	112	98	91	64	42	56	27	4	-3	15	13	
26	0	42	74	154	224	221	238	249	252	230	154	-57	-307	168	42	78	
27	70	83	6	-130	<252	-252	-22	[29]	80	116	267	-	[11]	17	80	85	
28	69	66	147	112	36	-42	<-790	328	[197]	-57	-97	87	155	1	1	225	
29	154	148	97	55	28	-1092	-234	-308	1	-196	-192	[97]	84	193	209	182	
30	84	81	85	81	112	140	168	<-210	57	-22	28	-14	27	81	119	132	
A	223	209	184	181	140	171	212	233	245	265	281	295	312	329	331	284	
N	84	86	105	102	<116	96	<131	<176	190	185	184	190	173	<179	167	168	

ATMOSPHÉRIQUE V/m
STRENGTH V/m

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
319	323	311	258	261	263	244	259	-	284	378	198	182	c	1
-924	-876	<-2100	<-1823	-756	-207	-252	-154	-	<-428	756	<-2100	>2856	c,r,s	2
211	277	[283]	238	95	242	98	-1	-	-	-	-	-	c,s,r	3
7	-39	-15	31	-27	20	15	31	-	-	-	-	-	c,r,m	4
267	163	[218]	252	242	260	189	112	-	169	322	-162	484	c,r,d	5
384	360	391	363	351	358	291	279	-	228	431	-129	560	c,m,d,r,bf	6
251	231	98	1	98	70	22	112	-	211	314	-42	356	c,m,hf	7
202	181	196	221	214	113	154	158	-	165	337	-42	379	c,r,m	8
84	84	102	56	98	84	15	-18	-	129	349	-41	390	c,f,m	9
84	78	139	84	88	126	-190	-148	-	76	392	-616	1008	c,r	10
224	224	209	127	48	84	70	84	-	187	330	-329	659	c,r	11
330	336	315	293	294	235	224	168	-	252	406	66	340	c,hf	12
393	406	377	316	294	164	86	60	-	272	420	-14	434	c,r,hf,m	13
323	252	129	120	182	180	109	84	-	218	420	-24	444	c,hf,m	14
184	99	98	97	126	127	113	140	-	168	351	56	295	c,hf,m	15
253	196	[182]	238	196	213	242	238	-	220	378	70	308	b	16
300	224	266	283	238	221	235	42	-	242	350	0	350	c,m	17
221	211	[228]	147	126	151	140	106	-	165	414	-39	453	c,m,hf	18
161	43	-62	-98	-70	-73	-252	-400	-	98	328	-626	954	c,s,r	19
336	332	295	290	235	184	217	151	-	157	364	-1008	1372	c,r	20
108	20	[132]	28	-8	28	83	125	-	133	503	-281	784	c,m,f,hf	21
151	210	130	113	357	336	323	252	-	276	848	-98	946	c,f,m,hf	22
392	406	377	323	318	350	343	287	-	389	1382	210	1172	c,m,hf	23
364	322	325	337	336	323	308	280	-	278	374	179	195	c,hf	24
7	-91	[87]	-29	-286	-29	70	-374	-	32	518	-1222	1740	c,hf,s,r	25
69	15	34	99	95	0	39	85	-	92	307	-891	898	c,r,f,m,hf	26
147	168	151	231	193	123	84	70	-	-	-	-	-	c,s,r,d	27
140	168	[197]	239	266	235	186	168	-	-	-	-	-	c,s,r,bf	28
-592	-1012	-290	69	112	36	97	112	-	-	-	-	-	c,r	29
196	224	216	270	239	244	225	218	-</						

Décembre - December

CHAMP ÉLECTRIQUE
ELECTRIC FIELD

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	206	235	238	156	199	210	214	220	266	367	322	[182]	196	224	224	221	
2	-6	-84	-108	-28	67	69	109	27	84	-42	55	42	140	186	182	-	
3	-99	-27	60	120	126	91	143	140	235	234	134	56	269	336	378	378	
4	200	210	206	217	207	213	196	252	280	349	441	378	283	196	294	293	
5	-22	0	<-286	<-525	1	<-164	-21	126	-63	210	1	-118	420	294	344	<-160	
6	272	168	192	241	190	156	[241]	192	231	196	98	179	235	276	270	238	
7	102	95	-129	-197	-684	-17	-11	167	95	84	224	308	336	329	301	336	
8	165	210	183	140	182	207	176	325	406	379	336	319	319	319	364	447	
9	210	252	169	154	196	287	308	270	210	196	304	325	360	378	346	295	
10	99	-70	18	-41	-11	6	[84]	83	-25	-25	20	1	1	1	[714]	-151	
11	329	269	238	157	185	307	364	[312]	[307]	360	357	350	364	392	374	266	
12	232	192	98	84	-73	-189	-102	101	168	252	314	287	85	252	328	388	
13	266	221	238	249	231	277	[399]	-	434	440	435	[399]	350	270	234	150	
14	253	115	105	213	167	137	97	161	101	196	171	179	232	153	188	237	
15	0	-42	42	29	168	137	196	182	182	63	-49	[105]	-84	-84	-95	-128	
16	-99	-83	-168	-87	7	-193	-112	-235	-224	-104	-56	-28	-11	-56	129	140	
17	-210	-224	-210	-238	-238	-241	-336	-332	-353	-307	[252]	-140	-105	-169	>357	<462	
18	308	330	305	260	252	248	1	-134	244	328	1	<-109	168	328	<-244	<-1554	
19	<42	252	176	126	<-1008	-756	-13	0	0	0	13	-336	-151	99	154	154	
20	252	126	29	-13	85	126	[274]	232	179	169	-39	42	-112	-151	-137		
21	-496	-67	-290	-129	-84	-157	-39	99	-31	-182	-123	-115	-143	-190	-207	-165	
22	81	241	294	224	171	196	73	53	77	154	197	221	294	322	336	400	
23	42	84	144	83	182	266	140	154	28	241	157	241	255	319	326	308	
24	196	217	126	66	287	329	321	335	378	322	350	350	350	108	29	70	
25	7	-55	-28	-56	0	-45	28	112	196	213	154	168	203	266	252	321	
26	-45	-56	-70	-28	0	43	70	-11	-336	-966	-924	50	-353	-269	<-840	-63	
27	>336	<-294	<-151	140	151	92	113	193	357	[364]	333	[342]	462	504	563	727	
28	62	-11	-56	28	108	101	42	192	298	305	294	322	315	266	118	-378	
29	-134	134	34	34	126	92	<-714	-491	168	248	294	378	-281	-584	-680	-252	
30	168	126	112	140	154	172	202	224	239	1	11	154	252	249	235	70	
31	-97	140	126	112	119	192	294	365	364	372	309	308	269	259	284	446	
A	243	196	171	182	178	223	314	318	329	342	351	333	359	317	384	446	
N	85	<84	<53	<53	<50	<71	<88	112	147	147	141	<152	169	162	96	<112	

ATMOSPHÉRIQUE 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
102	84	56	95	192	81	98	-14	-	182	392	-53	445	o,hf,d	1
98	-11	-63	-92	<-197	77	-182	<-266	-	-	-	-	-	o,d,r,f,m	2
378	392	[361]	336	277	185	151	195	-	202	405	-214	619	o,r	3
392	336	350	252	136	67	87	-50	-	241	462	-91	553	o	4
1	1	1	31	308	206	280	237	-	-	-	-	-	o,r,s	5
143	176	120	227	-168	29	101	97	-	171	476	-620	1096	o,r,s,d	6
448	473	[463]	504	361	172	13	78	-	161	522	-1323	1845	o,r,s	7
458	518	[479]	517	518	493	424	308	-	341	574	99	475	o,hf	8
94	17	-64	-55	56	95	70	70	-	189	420	-210	630	o,hf,s,d	9
-130	111	84	246	294	367	307	308	-	-	-	-	-	o,d,r,m,f	10
309	364	238	-349	238	297	224	234	-	270	581	-1252	1833	o,m,r	11
391	406	423	378	351	350	284	228	-	218	1071	-1722	2793	o,r,hf	12
1	<-420	[154]	[161]	[0]	112	253	238	-	-	-	-	-	o,hf,s	13
293	143	94	84	95	28	18	32	-	146	378	-53	431	o,m,s	14
-154	-119	-134	-109	50	-71	-97	-154	-	-16	445	-326	771	o,s	15
-56	-63	-108	-98	-126	-87	-87	-147	-	-80	336	-384	700	o,s,d	16
-224	8	[252]	339	364	322	306	304	-	-66	>2100	<-2100	>4200	o,s,r	17
-160	-1386	-168	<-202	-118	8	80	-193	-	-	-	-	-	o,s,r	18
181	185	284	276	214	155	182	227	-	<19	2058	<-2100	>4158	o,r	19
-126	-98	-126	-154	-542	-420	-344	-178	-	-29	441	-1218	1659	o,r	20
-249	-199	[462]	-168	-294	-378	-56	-108	-	-176	336	-1205	1541	o,r	21
395	395	402	276	112	0	28	73	-	209	434	-108	542	c,d,r	22
280	305	209	195	336	237	239	209	-	208	393	-238	631	o,hf,d	23
49	-11	-31	-31	87	67	38	28	-	168	448	-101	549	c	24
339	311	294	294	224	-25	-3	-4	-	132	350	-182	532	o,hf	25
<-743	46	[42]	-664	-80	-210	185	202	-	<-213	1974	<-2100	>4074	o,hf,r,wind	26
882	307	[353]	325	239	210	157	154	-	286	>2100	<-2100	>4200	o,r,hf,wind	27
<-853	<-546	1	1	-126	210	214	<-328	-	-	-	-	-	o,r	28
1	<-370	<-504	-580	-420	42	144	196	-	-	-	-	-	o,r,wind	29
294	308	32												

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	6.0	[5.7]	-	6.9	7.3	[7.6]	[7.6]	7.6	7.6	5.9	5.2	5.5	6.4	5.7	5.6	5.3	
2	4.6	5.3	-	-	-	[6.7]	4.3	4.3	3.8	3.8	4.8	5.2	4.9	4.3	3.5	2.9	
3	3.5	3.4	3.8	3.8	3.5	3.2	3.2	2.7	2.9	4.3	5.2	4.6	4.6	4.1	3.5	3.5	
4	7.0	-	-	-	6.4	4.9	4.9	4.2	-	-	-	-	-	[2.5]	[2.7]	2.6	
5	[2.1]	2.1	2.6	2.9	2.6	2.5	2.1	1.8	1.5	1.8	1.7	1.5	1.6	1.5	1.6	1.6	
6	2.5	2.4	2.3	2.6	2.6	2.8	2.6	2.6	2.6	2.9	2.7	2.6	2.4	2.8	2.9	2.4	
7	2.6	2.8	2.9	2.8	2.4	2.3	[1.8]	1.9	1.8	1.8	2.0	2.1	2.2	2.0	1.9	1.8	
8	2.7	2.8	2.9	3.0	2.7	2.4	2.3	2.2	[2.2]	-	2.7	-3.1	3.3	3.3	3.4	3.5	
9	5.7	6.2	6.5	7.0	6.6	6.2	4.1	4.2	5.0	5.1	4.8	5.1	5.4	4.8	4.4	3.8	
10	5.2	4.0	3.8	3.9	3.3	3.3	2.9	2.8	3.2	3.3	3.5	3.7	3.8	3.5	3.1	2.8	
11	3.8	3.7	3.6	3.6	3.0	2.6	2.3	[2.3]	2.8	3.1	3.1	3.3	3.5	3.3	2.9	2.6	
12	5.4	6.0	-5.4	4.8	4.1	3.9	3.7	3.5	2.8	2.9	2.8	2.5	2.5	2.7	2.5	2.6	
13	4.4	4.2	4.5	4.5	4.4	4.4	4.6	4.1	3.3	3.1	3.5	-	[3.6]	3.3	3.1	2.8	
14	5.2	5.2	5.2	6.0	5.2	4.5	4.6	4.4	4.4	4.6	3.7	3.8	3.5	3.5	3.5	3.3	
15	4.4	4.8	5.4	5.4	4.6	4.2	3.7	3.7	3.7	3.5	3.1	[3.1]	3.4	3.1	2.8	2.8	
16	5.4	5.4	3.7	5.6	[4.1]	-	-	[3.3]	[4.4]	3.9	3.7	3.7	3.3	2.7	3.1	3.2	
17	1.9	2.3	2.7	2.5	2.9	3.5	5.2	4.3	3.7	-	-	-	4.3	5.1	4.6	4.6	
18	5.0	4.8	4.1	3.6	3.3	2.7	3.1	3.3	3.3	2.9	2.5	2.4	2.5	2.5	2.4	2.0	
19	5.0	5.8	6.8	7.3	5.8	5.4	[4.8]	3.6	2.9	3.1	3.3	[4.4]	-	-	-	-	
20	4.8	6.0	4.2	5.4	4.6	6.4	4.0	4.6	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	-	2.5	3.1	4.1	[3.3]	2.9	3.3		
22	4.4	4.9	4.6	4.6	4.6	3.8	3.8	3.5	3.3	3.9	4.5	5.7	5.6	3.9	3.4	2.7	
23	6.1	4.8	5.5	6.0	5.8	4.8	3.9	3.5	-	-	-	-	-	3.5	3.4		
24	3.7	3.9	4.1	4.4	3.7	3.8	[2.7]	2.7	3.3	4.4	5.0	4.8	4.9	3.7	2.7	2.3	
25	3.1	4.0	5.0	4.6	4.0	3.7	4.3	3.3	3.7	6.0	5.0	4.4	5.0	4.4	4.6	3.3	
26	3.1	2.7	2.7	2.5	2.2	2.0	2.0	1.7	1.9	2.0	2.1	2.3	2.8	2.7	1.8	1.6	
27	1.8	1.7	1.9	1.8	1.6	1.5	1.6	1.6	1.8	2.0	2.5	2.9	3.9	4.4	3.5	2.3	
28	3.3	3.3	3.5	3.4	3.0	2.8	2.5	1.8	1.8	2.0	1.9	1.7	[1.7]	1.8	2.0	1.6	
29	2.3	2.7	2.7	2.7	2.5	2.2	2.0	2.3	2.9	3.5	3.7	3.3	3.3	3.1	3.3		
30	5.0	4.8	4.5	3.7	2.9	2.7	2.3	1.8	1.4	1.5	1.8	2.1	2.6	2.8	2.4	2.0	
31	1.4	1.6	1.6	1.6	1.3	1.2	[1.4]	2.8	3.6	3.7	3.1	3.1	3.4	3.7	3.1		
A	4.6	4.6	4.4	4.5	4.0	3.9	3.2	3.2	3.3	3.7	3.8	3.7	3.8	3.6	3.3	2.9	
N	4.0	4.0	3.9	4.2	3.8	3.7	3.4	3.2	3.1	3.4	3.2	3.5	3.6	3.4	3.1	2.9	

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.

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

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
5.0	4.6	4.3	3.9	3.2	[3.5]	[4.5]	4.9	-	-	-	-	-	o	1
3.1	2.8	3.1	3.6	3.2	2.8	3.1	3.2	-	-	-	-	-	o	2
3.6	3.5	3.5	3.9	4.9	5.2	5.7	6.4	4.0	4.0	7.3	2.4	4.9	b,hf	3
[1.5]	1.3	1.5	1.7	1.5	1.8	1.8	2.1	-	-	-	-	-	o,hf,g	4
2.2	2.4	2.2	2.8	3.0	2.8	2.6	2.4	-	2.1	3.2	1.1	2.1	o,hf,m	5
1.7	1.5	1.9	1.9	2.0	2.6	2.6	-	2.4	3.2	1.3	1.9	-	c,g,m	6
1.8	2.0	2.3	2.5	2.7	2.8	2.7	2.6	-	2.3	3.5	1.4	2.1	c,hf	7
3.5	3.7	3.7	4.0	4.1	4.4	4.6	5.0	-	-	-	-	-	o,hf,g	8
4.4	4.6	5.2	5.4	5.6	5.5	5.3	5.6	5.3	5.3	7.7	3.5	4.2	b	9
2.6	2.7	3.3	3.3	3.2	3.4	3.6	3.7	-	3.4	5.8	2.3	3.5	o,hf,s	10
3.1	3.4	3.3	3.7	3.8	3.7	4.4	9.1	-	3.5	12.0	2.1	9.9	c,s	11
2.5	2.7	2.6	3.3	3.5	3.5	4.1	4.1	-	3.5	8.1	2.2	5.9	o,s,g	12
3.3	3.7	4.0	3.7	3.7	4.3	4.7	5.2	-	-	-	-	-	c,s	13
2.6	2.9	3.1	2.7	3.3	3.3	3.1	3.6	4.0	4.0	6.9	2.3	4.6	c	14
3.1	3.7	3.8	4.4	4.6	4.9	5.2	5.2	-	4.0	6.1	2.6	3.5	c,s	15
3.0	2.8	2.3	1.0	1.2	1.5	1.6	1.7	-	-	-	-	-	c,r,m	16
4.8	4.8	[3.9]	3.5	3.3	4.6	5.2	5.2	-	-	-	-	-	o,r,m	17
2.1	2.5	2.9	3.1	2.7	3.3	4.1	4.6	-	3.2	5.6	1.8	3.8	o,r,s	18
8.4	8.9	8.7	6.6	4.6	5.7	5.0	5.0	-	-	-	-	-	o,s,r,m,f	19
-	-	-	-	-	-	-	-	-	-	-	-	-	c	20
4.6	4.5	4.8	3.9	4.4	3.7	3.7	4.1	-	-	-	-	-	c,hf,s,d	21
2.7	-	-	2.3	6.0	6.2	6.0	7.0	-	-	-	-	-	o,d	22
3.3	3.4	3.1	2.9	2.8	3.2	3.0	2.9	-	-	-	-	-	o,d,g,m	23
2.7	3.5	3.6	3.5	3.6	5.8	6.0	4.9	-	3.9	6.7	2.0	4.7	o,r	24
3.1	2.5	[2.8]	3.6	3.5	3.7	3.3	3.3	-	3.9	11.1	2.3	8.8	o,r,m	25
1.8	1.8	1.6	1.8	2.0	2.0	1.9	1.8	-	2.1	3.3	1.5	1.8	o,r,d,f,m	26
1.8	2.1	2.0	2.3	2.8	2.9	3.2	3.4	-	2.4	4.8	1.4	3.4	o,m,f,hf	27

Février - February

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	3.3	3.3	3.5	3.5	2.9	2.1	[1.6]	1.2	2.0	3.6	3.5	3.1	2.8	2.9	2.4	1.8	
2	1.4	1.7	2.1	2.5	2.4	2.3	1.7	1.3	1.6	3.0	3.6	4.2	4.6	3.9	2.8	1.9	
3	1.8	2.3	3.0	2.9	2.8	3.1	[3.1]	2.9	3.1	3.3	4.6	4.8	4.8	4.6	3.5	3.1	
4	2.9	2.8	2.8	2.9	2.7	2.3	2.1	1.9	[2.7]	2.3	2.3	2.3	2.0	2.2	1.7	1.4	
5	3.9	3.9	3.6	3.3	4.4	4.8	4.4	4.2	3.5	4.2	4.6	3.7	3.5	3.3	-	3.0	
6	4.0	4.8	4.4	4.1	3.1	2.5	2.4	2.2	2.7	4.1	4.8	4.5	8.2	6.4	6.4	5.3	
7	6.0	9.8	9.6	7.5	6.6	4.5	4.2	3.9	3.3	3.1	3.1	3.6	[7.1]	5.6	5.4	6.2	
8	7.5	8.1	8.7	9.2	9.4	9.2	8.3	7.3	7.6	6.6	6.0	5.6	5.4	5.8	6.2	4.9	
9	4.9	4.3	4.6	5.3	4.4	4.5	3.5	2.7	3.0	-	-	-	-	-	-	6.0	
10	7.7	7.4	8.3	9.2	8.6	7.1	7.2	5.6	5.4	5.2	5.4	5.0	5.2	5.6	5.5	5.2	
11	2.2	2.0	2.5	2.9	2.3	1.7	2.0	2.1	2.4	2.4	2.7	2.9	3.6	3.8	3.8	3.4	
12	3.7	3.6	4.1	3.9	3.5	3.1	3.1	3.2	3.2	2.9	3.5	4.8	5.0	4.1	3.3	2.8	
13	2.7	2.7	2.3	2.5	2.3	2.7	2.9	4.1	4.6	3.9	3.1	3.3	3.0	2.7	3.0	-	
14	-	-	-	-	-	-	[5.4]	5.6	5.6	5.2	5.1	5.2	5.0	4.4	3.2	-	
15	3.5	3.3	2.9	2.9	2.5	2.4	3.3	3.5	[4.1]	3.7	[4.0]	3.7	4.1	4.5	3.6	2.7	
16	4.8	4.8	4.7	4.8	5.2	5.4	4.6	4.6	4.8	4.8	4.8	4.6	5.0	4.8	4.6	3.9	
17	5.7	5.8	-	-	-	-	-	-	-	-	5.6	4.8	4.6	4.6	3.9	3.7	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	
19	3.3	4.5	5.0	5.0	4.6	2.9	2.5	2.2	2.7	2.9	3.2	3.0	2.7	2.6	2.9	2.9	
20	10.4	12.5	11.7	10.4	9.4	6.9	6.6	5.1	6.0	5.6	5.8	6.7	7.9	7.0	7.3	[6.2]	
21	2.4	3.0	3.2	3.6	3.5	2.7	2.5	[4.1]	4.7	4.0	4.6	5.5	5.5	5.0	4.8	-	
22	4.4	4.6	4.4	4.4	3.6	3.3	3.3	4.1	5.0	5.4	6.0	6.0	5.8	6.8	6.4	5.0	
23	4.5	4.5	5.0	6.2	6.2	6.1	5.6	4.7	5.4	6.4	6.3	5.9	5.5	5.6	5.2	4.9	
24	6.8	6.4	7.3	6.8	6.9	6.7	5.2	4.1	4.4	5.9	5.8	6.6	7.0	7.2	8.6	(6.5)	
25	5.0	5.2	4.9	5.8	6.0	5.8	4.6	4.4	4.1	4.5	5.0	5.6	5.4	5.4	5.2	-	
26	7.0	6.9	6.4	6.0	5.3	4.5	3.8	5.3	5.4	5.4	5.3	5.2	4.9	5.0	5.1	4.4	
27	3.9	4.5	4.7	4.4	3.9	3.3	2.5	3.8	4.8	5.0	5.1	5.4	5.4	5.4	5.2	4.2	
28	4.5	4.0	4.6	4.0	3.7	3.5	3.4	3.5	3.9	4.6	5.0	[5.0]	-	4.9	4.8	5.0	
A	3.9	3.9	4.1	4.0	3.7	3.3	3.2	3.9	4.3	4.4	4.4	4.5	4.7	4.7	4.1	3.7	
N	4.5	4.9	5.0	5.0	4.6	4.1	3.8	3.7	4.1	4.3	4.6	4.6	5.0	4.7	4.6	4.1	

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

1974

h	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
	1.2	0.8	1.0	1.2	1.5	1.4	1.4	1.6	-	2.2	3.9	0.7	3.2	c,m,hf	1
	1.8	1.7	1.2	1.2	1.4	1.4	1.4	1.6	-	2.2	5.0	1.0	4.0	b,m,hf	2
	2.3	1.4	1.2	1.3	1.2	1.2	1.6	2.5	-	2.8	5.6	1.0	4.6	c,m,f	3
	2.4	1.8	2.0	2.2	2.2	2.9	3.3	3.1	-	2.4	3.8	1.2	2.6	c,m,f,d,r,hf	4
	2.8	2.5	3.1	2.5	2.6	3.5	5.4	4.8	-	-	-	-	-	c,r,s,m,f	5
	5.5	3.8	3.1	3.5	6.8	6.7	5.8	6.2	-	4.6	10.2	2.0	8.2	c,m,r	6
	6.2	6.0	[6.2]	5.6	6.2	6.1	6.6	6.8	-	5.8	12.8	2.7	10.1	c,r,s	7
	4.8	-	4.9	4.8	5.2	4.1	4.8	5.0	-	-	-	-	-	c,s	8
	6.0	8.5	9.3	8.3	7.5	6.8	7.3	8.5	-	-	-	-	-	c,s,r,m	9
	4.4	4.2	4.4	4.0	4.6	4.6	5.0	3.1	-	5.7	9.6	2.3	7.3	c,r	10
	2.9	2.9	3.0	2.8	2.9	3.3	3.6	3.6	-	2.8	4.8	1.6	3.2	c,hf	11
	1.8	2.0	2.4	2.7	2.8	2.2	2.9	2.7	3.2	3.2	5.8	1.4	4.4	c,hf	12
	-	-	-	-	-	-	-	-	-	-	-	-	-	c,hf,m	13
	3.0	3.3	3.5	3.9	3.7	3.5	3.6	3.3	-	-	-	-	-	c,m	14
	2.8	3.3	3.6	4.2	4.5	4.1	4.5	4.4	-	3.6	5.0	2.2	2.8	c,f,m,hf	15
	3.5	3.7	3.7	4.3	4.4	5.4	6.2	5.9	-	4.7	7.3	3.3	4.0	c,r,m,f	16
	-	-	-	-	-	-	-	-	-	-	-	-	-	c,f,m,hf	17
	3.7	4.1	4.5	4.3	3.9	4.3	4.8	3.9	-	-	-	-	-	c,hf,r	18
	2.9	3.5	4.8	5.2	5.2	6.8	8.6	9.7	-	4.2	10.6	1.8	8.8	c,m,d	19
	3.9	1.9	1.5	1.6	1.6	1.8	2.3	2.1	-	5.9	13.8	1.4	12.4	c,r,s,m	20
	3.0	2.5	1.8	1.6	2.0	2.5	2.8	3.4	-	-	-	-	-	c,hf	21
	4.7	4.0	3.7	3.7	3.3	3.0	3.5	4.1	-	4.5	7.5	2.9	4.6	c,hf,m	22
	5.0	5.1	5.2	5.8	5.7	5.9	3.7	5.2	-	5.4	7.0	3.4	3.6	c,hf	23
	(4.8)	4.1	5.4	5.4	5.6	6.0	5.4	5.8	-	6.0	9.0	3.7	5.3	c	24
	4.9	4.8	4.6	4.8	5.4	6.4	6.5	6.8	-	5.3	7.0	3.9	3.1	c,s	25
	3.0	3.0	2.9	2.9	2.5	2.4	2.7	3.2	-	4.5	9.3	2.3	7.0	c,s,hf	26
	3.3	2.7	2.7	3.1	3.9	4.4	4.5	4.5	4.2	4.2	6.2	2.3	3.9	b,hf	27
	4.1	3.9	3.9	4.4	4.8	5.2	5.3	5.4	-	-	-	-	-	b,hf	28
	3.1	2.8	2.8	3.3	3.5	3.5	3.9	3.8	3.9	-	-	-	-		
	3.6	3.4	3.6	3.7	3.9	4.1	4.4	4.5	4.3	-	-	-	-		

Mars - March

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	5.8	5.4	5.6	5.4	4.8	3.9	3.8	4.0	4.4	4.5	5.2	5.0	4.8	5.0	5.0	5.0	5.0
2	5.4	5.8	5.9	5.6	4.7	4.5	4.2	4.4	5.0	5.0	5.0	5.2	5.2	5.5	5.3	5.2	
3	6.2	6.4	6.2	5.8	5.8	5.0	4.6	4.8	5.0	6.0	6.2	6.7	7.0	7.7	8.5	8.9	
4	6.4	6.5	6.4	5.9	5.6	5.0	5.0	5.6	6.2	7.0	7.0	6.4	6.6	6.4	5.8	6.6	
5	6.8	6.8	6.4	5.6	5.8	6.0	5.8	6.0	6.4	6.2	5.8	6.9	6.8	6.2	5.6	5.8	
6	7.3	7.0	6.6	6.3	5.8	5.4	5.2	5.1	4.8	4.5	4.6	4.7	4.8	5.0	4.5	4.8	
7	4.7	4.5	4.5	4.8	5.0	6.4	4.0	-	3.9	4.4	4.6	5.1	5.6	6.1	[6.2]	[4.6]	
8	5.2	6.4	5.0	4.4	3.7	3.3	3.9	3.9	4.1	4.1	5.2	5.6	5.8	5.7	5.8	5.4	
9	4.8	4.9	4.6	5.0	5.0	4.6	4.8	5.6	6.2	6.4	6.0	5.6	5.4	5.6	5.1	4.6	
10	3.8	4.1	4.3	5.3	7.8	6.4	5.1	4.8	5.1	6.4	7.0	6.2	6.4	6.4	6.4	6.1	
11	7.7	7.3	6.7	6.8	5.8	4.6	4.4	4.8	5.1	5.0	5.2	5.0	4.7	5.2	4.8	4.3	
12	5.1	5.2	5.1	5.1	4.7	4.2	3.5	3.8	4.4	4.4	3.9	3.8	3.5	4.1	3.9	4.0	
13	2.7	3.1	3.1	3.3	2.9	2.3	2.4	3.1	3.9	3.8	3.9	4.0	3.9	4.4	4.4	3.2	
14	1.8	3.5	3.9	3.5	2.9	2.5	2.4	3.1	3.1	2.9	3.4	4.2	5.2	5.6	5.0	4.4	
15	2.7	2.5	2.7	3.3	2.6	2.6	3.0	3.7	2.8	2.4	2.5	2.8	3.5	3.7	3.4	3.3	
16	2.6	3.5	3.1	3.0	2.8	2.8	2.5	3.4	3.9	4.3	4.3	4.4	5.2	5.4	5.0	4.1	
17	5.4	5.2	4.8	3.3	3.4	2.9	2.9	4.4	4.8	5.4	5.6	4.7	3.9	-	-	-	
18	-	-	-	-	-	-	-	-	3.2	3.2	3.6	4.1	4.9	5.5			
19	5.3	7.8	8.4	7.6	7.3	6.7	6.4	6.9	5.3	-	-	-	3.5	3.9	3.9		
20	1.0	1.8	3.1	3.2	2.2	1.9	2.8	3.3	3.5	3.8	3.7	3.5	3.0	3.1	2.9	2.7	
21	3.6	3.7	4.1	3.8	3.2	2.9	3.1	[3.7]	4.6	4.7	5.0	5.0	4.9	5.0	5.4	6.3	
22	5.8	5.6	5.8	6.4	5.2	3.9	4.2	[4.8]	-	5.6	5.2	[5.2]	4.8	5.4	5.0	5.2	
23	5.6	5.8	5.7	5.1	5.0	4.7	3.5	-	4.4	4.4	4.9	5.0	5.2	4.6	3.6	3.9	
24	7.0	6.8	7.2	6.7	5.9	5.8	5.4	5.6	5.6	5.4	4.5	3.5	4.1	4.1	3.8	4.1	
25	7.5	7.9	7.0	7.3	6.0	4.8	4.5	4.4	4.6	-	5.4	5.8	5.6	5.4	[5.0]	4.5	
26	4.6	3.3	3.3	4.1	3.5	3.1	3.0	4.1	4.8	5.7	5.2	5.2	5.4	5.3	5.8	5.5	
27	3.9	3.9	4.5	4.8	4.7	3.7	3.1	4.1	5.4	5.4	-	[5.4]	5.6	5.5	5.7	4.4	
28	5.4	5.5	5.4	5.2	5.0	3.5	4.0	4.8	5.0	5.6	5.9	5.1	5.0	5.0	5.2	4.8	
29	5.4	5.5	6.0	5.6	5.0	4.6	4.8	4.6	4.4	4.4	4.4	4.1	4.1	4.4	4.4	4.1	
30	6.4	7.6	5.6	6.4	5.2	4.4	3.9	3.9	4.6	4.4	4.6	5.0	4.8	4.8	3.9	2.7	
31	5.0	5.6	6.2	5.6	5.3	5.0	5.0	5.2	5.2	5.6	6.0	[6.4]	6.2	6.7	6.2	6.1	
A	5.2	5.3	5.4	5.3	4.8	4.2	4.2	4.6	4.9	5.0	4.9	4.8	4.8	4.9	4.8	4.7	
N	5.0	5.3	5.2	5.1	4.8	4.2	4.0	4.5	4.9	4.9	4.9	5.0	5.0	5.2	5.0	4.8	

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

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L' indication du temps Type of weather	Date
4.1	4.2	4.8	4.6	4.8	4.8	5.1	5.4	4.8	4.8	6.0	3.5	2.5	b	1
4.8	4.1	4.8	4.6	4.8	5.0	5.6	5.8	5.1	5.1	6.0	3.9	2.1	b,hf	2
7.6	6.4	6.3	6.6	7.0	6.6	6.2	6.4	-	6.4	9.3	4.2	5.1	c,hf	3
5.5	-	4.7	5.4	5.8	6.6	7.0	6.8	-	-	-	-	-	c,hf	4
5.2	5.2	5.4	6.2	7.3	7.7	7.7	7.3	-	6.3	9.2	4.9	4.3	c,hf	5
4.4	4.9	4.4	4.3	4.1	4.1	4.2	4.5	-	5.1	7.7	3.7	4.0	c,s	6
3.9	3.9	3.7	4.1	4.6	4.5	4.6	4.7	-	-	-	-	-	c,s	7
5.1	4.4	3.1	3.1	3.8	4.1	4.1	4.6	-	4.6	7.5	2.8	4.7	c	8
3.6	3.1	2.5	2.7	2.8	3.9	4.1	4.0	-	4.6	6.9	1.9	5.0	c,hf	9
6.2	5.8	6.0	5.6	6.0	7.1	7.2	7.1	-	5.9	8.3	3.7	4.6	c	10
-	-	-	-	-	-	-	-	-	-	-	-	-	o,r,h,t,m	11
3.2	2.8	3.5	3.6	4.6	4.6	4.9	5.2	-	5.0	8.6	2.6	6.0	b	12
3.0	1.8	2.5	2.9	3.3	3.9	3.9	2.7	-	3.9	5.8	1.6	4.2	c	13
2.5	2.1	1.6	1.1	1.2	1.3	1.0	1.0	-	2.8	4.8	0.8	4.0	b,hf	14
2.7	1.6	1.1	1.4	2.5	3.0	3.1	2.9	-	3.2	6.4	1.0	5.4	c,m	15
2.5	2.3	[2.5]	2.6	2.6	3.0	2.7	2.5	-	2.8	4.1	2.0	2.1	c,r,m	16
4.0	4.1	3.9	2.9	4.1	4.6	4.6	5.1	-	3.9	5.8	1.8	4.0	c,r	17
4.3	3.8	4.1	4.3	4.6	4.5	4.9	5.5	-	-	-	-	-	c,r	18
3.8	3.0	2.1	2.0	1.2	0.8	1.0	1.0	-	-	-	-	-	c	19
2.5	2.0	2.6	2.9	3.0	3.2	3.2	3.1	2.8	2.8	6.8	0.9	5.9	c	20
[5.4]	2.3	1.3	2.6	3.3	4.1	4.2	5.8	-	4.1	9.6	1.2	8.4	b	21
3.7	2.4	3.3	3.7	3.8	4.1	4.5	5.2	-	-	-	-	-	b	22
3.5	3.7	3.7	4.1	4.6	5.4	6.6	7.0	-	-	-	-	-	c	23
4.8	4.8	5.0	5.2	5.6	5.8	6.3	7.3	5.4	5.4	8.1	3.0	5.1	b,hf	24
4.1	3.3	3.9	4.0	3.8	4.0	4.1	4.6	-	-	-	-	-	c,hf	25
3.1	2.2	1.6	1.7	1.6	1.8	2.3	2.8	3.7	6.8	1.6	5.2	b,hf	26	
3.7	2.5	2.3	2.3	2.9	3.7	4.1	4.6	-						

Avril - April

CONDUCTIBILITÉ D'AIR

AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	[7.3]	7.6	7.0	6.6	5.6	5.3	5.0	4.9	5.2	5.6	5.6	-	[6.0]	6.6	7.3	7.9	
2	6.1	5.7	5.0	5.0	4.8	4.4	4.5	4.9	5.4	6.0	5.1	-	4.6	4.6	3.9	4.6	
3	6.6	6.2	5.8	5.1	4.8	4.2	4.2	4.8	4.1	3.8	3.7	3.5	4.1	-	4.9	5.2	5.0
4	5.0	4.6	4.6	4.1	3.5	3.2	3.5	4.4	4.6	4.4	4.6	5.0	(5.0)	5.3	4.8	4.8	
5	4.9	5.2	6.3	7.5	5.8	5.0	3.5	4.6	4.4	4.6	4.4	4.9	[5.0]	[4.1]	4.6	5.0	
6	1.6	1.8	1.6	1.4	1.4	1.7	3.2	3.9	3.9	4.8	5.0	4.5	4.5	6.4	6.5	5.4	
7	3.1	3.9	6.3	6.2	5.6	6.6	7.5	6.5	6.6	6.4	6.6	5.6	5.8	7.6	8.1	8.0	
8	4.8	4.5	4.0	4.1	3.5	1.6	2.7	2.9	3.9	4.8	5.6	[6.2]	6.0	6.2	5.3	5.1	
9	3.3	3.3	2.3	1.6	1.4	2.2	2.8	3.3	-	-	-	-	-	[5.5]	6.3	6.8	
10	8.6	7.7	7.9	7.9	6.2	5.6	5.8	[5.6]	-	5.8	5.1	5.3	5.8	5.6	5.4	6.0	
11	5.9	6.2	5.8	6.0	-	-	-	-	7.1	7.5	[6.8]	[6.7]	-	4.6	-		
12	6.3	6.8	5.8	5.8	6.0	5.6	5.2	5.2	5.6	6.2	6.2	6.7	6.6	6.4	6.4		
13	3.9	5.2	4.7	4.8	4.8	4.2	5.0	5.8	5.2	5.0	-	5.7	6.4	6.5	7.3	6.6	
14	3.4	4.5	4.6	4.7	3.9	4.7	5.4	7.3	7.2	7.5	5.6	5.9	6.0	6.4	6.9	7.7	
15	4.8	5.6	6.6	8.0	6.3	6.2	4.6	4.8	6.2	6.6	6.0	5.8	6.4	6.3	6.9	6.7	
16	6.4	6.1	-	-	-	-	4.5	4.7	4.9	5.8	5.6	5.4	6.0	5.7	5.6		
17	5.0	4.6	4.0	4.5	5.2	5.7	5.2	5.2	5.4	[6.2]	5.4	5.0	-	6.1	-	4.1	
18	2.6	3.0	3.1	3.9	4.1	4.2	4.8	5.2	6.1	6.7	6.6	6.4	5.7	5.4	5.3	6.4	
19	9.3	8.6	7.0	4.8	5.4	-	-	-	-	-	-	-	-	[5.6]	4.6		
20	8.1	8.3	6.7	6.9	6.0	[4.6]	-	-	-	-	-	-	-	-	-	4.8	
21	0.8	0.8	0.6	0.8	1.2	2.7	-	3.3	3.5	5.2	>5.0	4.1	6.0	4.8	5.6	5.6	
22	-	1.4	3.7	3.7	4.1	3.3	4.6	6.3	5.8	4.8	6.4	6.8	6.1	5.2	3.8	3.2	
23	2.3	3.7	2.3	3.3	2.2	2.5	3.1	3.0	3.2	-	2.3	2.5	2.9	2.5	2.0	1.6	
24	2.3	2.6	2.7	3.1	3.8	2.9	3.3	3.9	2.7	4.1	2.7	4.8	6.2	7.9	7.7	9.1	
25	-	-	-	-	3.3	[5.4]	5.4	[6.1]	4.6	4.1	4.2	3.9	3.5	4.4	4.6	4.4	
26	8.1	8.2	7.2	7.0	6.8	5.8	4.9	4.9	5.2	5.2	4.7	4.5	3.9	4.6	3.5	3.5	
27	3.5	3.8	4.4	3.5	3.5	3.3	2.1	2.6	2.8	-	[2.6]	2.5	2.8	2.7	2.2	1.8	
28	3.8	3.9	3.7	2.6	3.0	3.5	3.3	3.1	3.3	3.8	4.1	4.1	4.4	4.4	4.6	4.4	
29	5.8	5.4	5.2	5.2	4.7	4.1	4.1	4.5	5.0	4.8	5.7	5.5	5.2	4.8	4.8	5.4	
30	7.0	6.8	6.5	6.1	5.4	4.4	4.8	5.2	5.6	5.4	5.0	4.8	5.6	3.9	-	6.6	
A	5.7	5.6	5.2	5.5	4.8	4.5	4.5	4.9	5.0	5.2	5.0	5.2	5.3	5.4	5.2	5.6	
N	5.0	5.0	4.8	4.8	4.4	4.2	4.3	4.7	4.8	5.4	>5.1	5.1	5.1	5.4	5.4	5.4	

(POSITIVE) × 10⁻¹⁵ Ohm⁻¹ m⁻¹

(POSITIVE) × 10⁻¹⁵ Ohm⁻¹ m⁻¹

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
8.1	7.9	7.5	6.7	6.0	5.8	6.2	6.1	-	-	-	-	-	b,wind	1
4.6	4.4	4.5	4.8	5.6	6.0	6.4	6.7	-	-	-	-	-	b,wind	2
4.4	2.7	2.6	3.9	4.6	4.6	5.4	4.8	4.5	4.5	6.8	2.0	4.8	b	3
4.7	3.3	3.7	3.3	2.5	3.7	3.9	4.2	4.2	4.2	6.2	2.3	3.9	b,hf	4
3.7	3.7	1.8	0.8	0.6	0.4	0.6	1.2	-	3.9	13.3	0.3	13.0	c	5
3.6	3.5	[2.6]	2.3	2.2	4.4	4.2	3.4	-	3.5	7.9	1.2	6.7	c,m	6
7.7	6.6	4.8	4.4	5.2	5.3	[5.2]	4.9	-	6.0	9.4	2.8	6.6	c	7
4.4	3.1	2.9	1.6	1.6	1.4	1.4	2.1	-	3.7	7.7	1.0	6.7	c,r	8
7.0	5.8	4.7	3.7	4.5	5.4	7.1	7.4	-	-	-	-	-	c,r	9
7.0	-	-	-	-	-	-	[5.6]	-	-	-	-	-	b	10
-	-	-	-	-	5.8	5.2	3.6	5.2	4.8	-	-	-	b,wind	11
6.8	6.1	5.8	4.4	3.0	2.8	3.3	3.0	-	5.5	8.7	2.4	6.3	c	12
7.2	5.2	3.3	1.3	0.8	1.2	1.6	2.9	-	-	-	-	-	b,hf	13
8.3	7.5	3.7	2.2	2.1	2.3	3.1	3.6	5.2	5.2	10.7	1.9	8.8	b,hf	14
6.4	5.8	4.8	3.3	3.4	4.2	5.4	5.8	-	5.7	10.6	3.1	7.5	c,hf	15
4.8	4.4	3.3	1.9	1.6	2.0	2.5	3.3	-	-	-	-	-	c	16
5.6	5.0	4.6	2.6	2.0	1.8	1.6	2.1	-	-	-	-	-	c,r	17
5.4	3.9	2.9	2.3	2.9	3.6	4.4	6.1	-	4.7	8.1	1.8	6.3	c,hf	18
4.8	4.9	3.8	3.5	3.8	5.0	5.4	9.0	-	-	-	-	-	c	19
4.6	2.6	2.5	1.4	1.1	1.3	1.0	1.0	-	-	-	-	-	c,r	20
6.4	>6.8	2.8	-	-	-	-	-	-	-	-	-	-	c,r	21
2.0	1.4	1.5	1.2	1.4	1.7	1.4	1.8	-	-	-	-	-	c,r	22
3.6	4.5	4.4	4.1	4.2	4.6	3.5	2.5	-	-	-	-	-	c,r	23
7.7	5.5	-	-	-	-	-	-	-	-	-	-	-	c,r	24
4.3	3.5	3.6	3.3	3.4	5.6	7.7	8.1	-	-	-	-	-	c,hf	25
3.3	[3.2]	-	3.4	3.9	4.6	4.6	3.9	-	-	-	-	-	c,r	26
1.8	2.0	1.6	1.8	2.3	3.1	3.5	3.7	-	-	-	-	-	c,r,m	27
[4.1]	-	-	3.4	4.4	4.6	5.6	6.0	-	-	-	-	-	c	28
5.5	5.2	[4.8]	5.4	5.8	6.8	6.9	7.2	-	5.3	7.9	3.8	4.1	c,r	29
6.7	9.6	5.1	5.6	6.2	6.0	6.3	5.6	-	-	-	-	-	c,r,t	30

Mai - May

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	5.8	6.0	5.8	6.2	6.0	6.0	6.2	[6.0]	-	7.1	7.5	7.5	7.7	8.0	-	[6.7]	
2	3.1	5.6	7.3	8.2	7.9	6.4	6.0	6.2	7.0	7.3	7.4	7.3	6.5	8.6	7.7	8.1	
3	1.7	1.9	2.9	3.5	3.0	3.1	3.3	6.7	7.4	[5.6]	5.4	3.9	3.9	4.4	[6.3]	5.5	
4	2.6	3.2	1.8	3.0	2.5	2.5	2.7	3.1	3.3	3.9	5.2	5.8	6.2	5.2	5.4	5.6	
5	4.8	4.5	4.2	3.7	4.1	5.5	5.3	4.8	3.6	4.6	4.8	>6.8	7.2	7.4	10.0	10.6	
6	4.4	4.8	5.4	5.8	5.6	6.8	6.6	7.3	7.9	8.3	6.4	4.7	4.2	3.5	5.2	7.0	
7	6.8	10.4	10.6	10.3	10.2	9.8	10.6	9.8	8.9	8.5	6.0	>6.2	8.1	8.2	6.5	5.6	
8	6.0	4.1	-	-	-	-	-	-	-	5.2	5.7	4.4	4.2	[4.1]	[3.7]	3.3	
9	6.6	6.8	6.8	8.2	5.4	4.6	-	[4.1]	3.7	4.6	3.6	4.1	4.1	4.6	4.6	3.5	
10	7.5	6.8	7.4	9.6	7.5	[5.6]	-	-	-	-	-	-	4.5	4.5	4.1	3.1	
11	3.1	4.0	4.8	5.2	5.2	4.4	4.8	5.6	6.6	5.9	4.4	4.1	3.5	3.5	3.5	3.7	
12	9.4	10.4	11.1	10.0	10.2	8.3	-	6.2	6.2	6.4	[7.2]	7.7	9.0	8.1	7.2	10.6	
13	>12.1	9.6	8.3	8.5	7.9	8.0	6.8	7.5	8.5	9.3	10.3	10.2	9.2	9.2	7.3	7.0	
14	8.5	8.5	7.7	6.6	6.2	5.5	5.4	5.6	5.8	5.7	5.6	6.0	6.0	6.2	5.8		
15	8.6	10.4	8.9	8.9	7.7	5.4	5.0	5.8	5.8	4.8	4.8	6.2	6.0	5.6	5.4	5.1	
16	6.8	7.2	7.7	6.6	7.0	5.4	[5.6]	6.6	6.2	6.0	6.6	6.4	6.4	5.4	5.0	5.2	
17	8.7	8.5	10.0	9.8	6.8	6.4	6.1	6.2	6.6	6.0	6.2	6.4	7.3	6.8	6.8		
18	-	-	-	-	-	-	-	-	5.1	[3.8]	7.0	6.8	6.4	6.0	6.2	6.4	
19	7.6	8.3	9.6	7.8	8.1	6.6	[6.4]	5.0	3.7	3.7	4.2	5.4	6.0	6.3	6.8	8.3	
20	8.2	8.3	8.7	6.9	7.2	6.8	6.4	[5.6]	5.4	7.0	6.4	6.1	6.0	5.6	6.0	6.9	
21	5.0	4.0	4.5	6.1	[4.8]	-	-	-	-	-	-	-	[5.3]	[5.1]	4.8	6.5	
22	2.8	3.7	2.9	3.3	4.9	5.0	4.6	4.0	4.4	4.8	6.0	>5.5	>6.8	6.2	5.6	6.5	
23	5.5	5.7	5.6	5.7	-	4.4	4.0	4.4	4.6	4.4	5.6	4.0	5.6	4.7	4.6	6.2	
24	2.1	2.6	2.8	3.5	4.1	4.1	4.1	3.9	3.5	4.8	4.7	-	8.2	7.9	-	-	
25	-	-	-	-	-	-	-	-	-	[5.2]	6.8	6.9	7.0	5.4	5.6		
26	4.4	4.7	4.6	5.6	5.3	4.6	5.2	[5.0]	4.4	4.6	5.7	4.8	5.4	5.5	5.6	5.2	
27	5.0	5.3	6.0	7.0	7.9	7.5	7.0	6.4	6.1	6.0	5.6	5.4	5.4	5.6	5.6		
28	4.8	4.4	4.6	4.8	4.5	5.1	[5.0]	3.7	3.7	4.1	3.7	3.5	3.7	3.7	3.3	3.5	
29	3.3	(3.5)	3.7	3.9	4.4	4.7	4.7	4.8	5.2	-	4.9	5.3	-	-	-		
30	-	-	-	-	-	-	-	5.8	5.8	5.2	3.5	3.4	4.6	4.6	5.0	5.0	
31	-	-	-	-	-	-	-	6.5	[5.8]	-	-	5.3	4.5	4.5	4.5	4.0	
A	>7.9	8.2	8.3	7.7	7.2	6.8	6.0	5.9	5.8	5.9	6.2	6.0	6.1	5.6	5.7	5.6	
N	>5.7	6.0	6.3	6.5	6.2	5.7	5.5	5.6	5.6	5.7	5.7	>5.7	>6.0	5.9	5.7	6.0	

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

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
6.6	6.6	5.4	2.5	2.5	2.0	2.5	3.6	-	-	-	-	-	c,r	1	
8.5	6.3	5.4	3.9	2.7	3.7	2.6	3.1	-	6.1	11.3	2.0	9.3	c,r	2	
5.0	5.4	5.0	3.9	2.6	2.3	2.3	2.1	-	4.0	9.0	1.4	7.6	c,r,m	3	
4.6	4.5	2.4	4.0	4.8	5.6	4.1	4.4	-	4.0	7.4	1.0	6.4	c,f,m	4	
10.6	6.0	3.5	3.8	5.4	5.2	5.6	3.7	-	>5.7	>14.7	1.5	>13.2	c,l,r	5	
5.6	5.6	5.8	5.5	5.8	6.8	7.0	7.7	-	6.0	10.6	2.9	7.7	c,r	6	
4.1	4.8	5.0	4.1	3.0	5.6	6.0	6.3	-	>7.3	>14.7	2.0	>12.7	c,r	7	
3.6	3.5	4.1	5.3	5.6	5.6	5.4	5.8	-	-	-	-	-	c,r	8	
3.1	3.7	4.1	3.7	4.6	4.7	6.0	6.4	-	-	-	-	-	c,r	9	
3.1	3.1	2.2	1.8	2.4	1.8	1.9	2.5	-	-	-	-	-	c,r	10	
3.5	3.4	4.6	5.0	5.4	6.4	7.3	8.7	-	4.9	10.0	2.8	7.2	c	11	
10.8	10.8	9.2	7.9	9.7	8.7	>11.3	>12.1	-	-	-	-	-	c	12	
6.0	6.0	5.3	5.0	6.0	5.8	7.0	9.2	-	>7.9	>14.7	4.5	>10.2	c	13	
6.0	5.0	4.1	4.4	5.6	5.8	6.2	7.3	-	6.1	10.2	3.7	6.5	c	14	
5.8	6.5	5.6	5.0	5.4	7.0	7.0	6.6	-	6.4	11.2	3.3	7.9	c	15	
4.1	4.6	4.8	5.2	5.5	6.6	7.7	8.5	-	6.1	10.4	3.7	6.7	c,r	16	
7.0	7.0	[7.0]	6.3	4.1	3.7	3.1	-	-	-	-	-	-	c,r	17	
6.3	6.3	6.2	6.0	6.4	6.6	6.2	6.6	-	-	-	-	-	c	18	
9.2	9.3	8.3	8.2	8.4	8.1	7.3	8.5	-	7.1	12.9	2.9	10.0	c	19	
7.4	7.0	7.4	6.2	4.4	3.9	4.2	4.4	6.3	6.3	12.8	3.3	9.5	c	20	
[3.5]	3.1	3.3	3.1	2.9	3.1	3.0	3.3	-	-	-	-	-	c,r,m	21	
7.3	6.2	5.9	4.4	4.1	4.6	5.3	5.2	-	>5.0	>14.7	2.3	>12.4	c,r,l	22	
(4.6)	3.9	4.6	3.3	2.5	2.4	2.5	2.3	-	-	-	-	-	c,r,l	23	
-	-	-	-	-	-	-	-	-	-	-	-	-	c,r	24	
5.4	5.8	5.7	5.4	5.4	6.6	7.0	4.5	-	-	-	-	-	c,r	25	
5.2	5.6	[5.4]	5.7	5.4	4.8	5.0	5.0	-	5.1	7.9	2.7	5.2	c,r	26	
5.6	6.8	5.2	6.7	4.9	5.4	5.6	5.6	-	6.0	8.7	2.8	5.9	c,r	27	
(3.7)	3.3	3.3	3.7	3.8	3.7	3.4	3.3	-	3.9	(8.8)	0.8	(8.0)	c,r,t,m	28	

Juin - June

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		4.1	3.5	3.9	4.1	4.4	4.6	4.4	4.4	4.6	4.8	5.0	5.2	[5.8]	5.8	5.6	6.0	
2		7.5	7.9	9.0	9.1	9.3	9.2	8.3	8.3	7.3	6.3	6.0	6.0	5.6	5.6	5.6	6.0	
3		3.2	3.4	3.9	4.1	5.6	6.4	5.1	[4.5]	5.0	4.2	4.6	4.2	-	[3.8]	3.5	3.7	
4		6.4	6.2	6.2	5.6	5.1	5.0	5.2	5.2	[6.0]	-	6.6	[4.6]	3.3	5.4	7.4	7.3	
5		7.3	6.7	7.5	7.5	6.4	5.3	4.8	4.5	5.0	5.2	5.2	-	-	-	4.6	4.5	
6		4.0	5.0	-	-	-	-	4.4	4.8	[4.1]	3.5	[3.5]	-	-	-	-	-	
7		2.8	2.3	1.4	1.7	2.3	3.0	3.1	2.5	3.5	2.8	2.7	3.2	6.6	4.8	3.2	3.9	
8		4.5	4.8	5.0	5.6	5.4	4.8	4.6	4.2	4.2	3.9	4.0	3.9	3.9	3.9	>4.3	3.5	
9		3.7	3.9	3.4	3.7	4.1	4.0	4.0	4.4	4.1	4.2	4.4	[4.4]	4.4	4.4	4.1	4.1	
10		5.9	5.8	5.4	6.0	5.6	5.7	4.8	4.5	3.6	4.8	4.6	4.6	4.8	3.8	5.2	5.2	
11		3.1	4.6	3.9	4.5	4.8	5.2	5.0	5.0	5.1	5.3	4.6	4.4	4.8	5.4	4.2	(4.0)	
12		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13		-	-	-	-	-	[5.4]	4.8	4.8	4.4	5.0	6.1	5.4	6.0	6.2	6.4		
14		7.9	7.9	7.9	7.9	7.5	7.3	7.5	7.2	7.0	6.8	6.8	7.0	7.5	7.5	7.3	7.5	
15		5.4	5.2	5.8	6.0	5.5	5.8	6.0	6.4	6.6	6.2	6.0	6.0	6.2	4.9	(5.6)	6.0	
16		4.8	4.1	3.5	4.0	4.9	5.5	6.0	6.8	7.0	6.6	7.0	6.4	6.0	6.7	7.1	(7.0)	
17		5.2	5.4	4.0	7.0	5.2	6.5	5.0	4.2	3.5	3.7	5.0	5.2	6.0	5.4	-	-	
18		3.5	3.9	4.9	5.4	5.8	5.9	5.8	6.0	6.6	7.0	7.3	[7.0]	7.9	7.7	7.6	7.8	
19		4.0	4.7	4.6	5.0	4.8	5.0	(5.2)	4.6	4.5	3.9	3.5	(3.9)	3.7	4.5	5.4	5.3	
20		5.4	5.0	4.1	5.0	6.4	7.4	6.0	6.0	5.2	5.4	>8.6	>7.4	>8.1	7.0	5.2	5.2	
21		5.6	6.2	5.4	5.6	6.3	6.2	5.6	[6.2]	5.7	5.2	4.5	-	[5.0]	5.2	5.0	5.0	
22		4.9	5.2	-	-	5.0	4.8	4.8	4.6	4.8	4.4	4.0	3.9	-	3.9	4.4		
23		4.9	5.5	4.8	5.2	5.6	5.4	5.0	5.0	4.8	-	-	-	3.9	4.1	4.5	5.2	
24		3.5	3.7	2.4	3.3	4.1	4.8	7.7	4.8	5.4	5.6	6.0	6.2	6.6	5.6	4.7	5.6	
25		5.6	5.3	5.3	5.0	5.4	4.8	[5.2]	4.8	4.1	3.7	4.9	5.2	5.0	5.2	5.8	4.6	
26		5.6	5.4	5.4	6.0	5.4	4.8	4.4	4.1	4.1	4.4	4.2	5.0	(4.7)	4.3	(3.5)	3.9	
27		4.4	4.6	3.9	5.0	5.4	5.2	5.6	6.0	5.4	5.0	5.6	6.4	6.6	5.8	5.6	4.1	
28		2.8	3.3	2.2	2.6	4.1	4.8	4.5	5.0	4.5	6.8	5.0	5.4	6.0	5.4	6.0	6.4	
29		4.9	4.8	3.9	5.4	4.7	4.2	4.2	4.4	4.5	4.6	[3.9]	3.1	[3.4]	[4.8]	4.7	4.6	
30		4.4	4.2	4.2	4.4	5.0	5.6	6.4	5.4	5.7	5.7	6.0	6.6	6.8	6.8	6.9	6.6	
A		4.8	5.0	5.1	5.5	5.7	5.7	5.4	5.4	5.6	4.9	3.9	3.9	3.6	4.2	6.8	5.6	
N		4.8	4.9	4.7	5.2	5.4	5.5	5.3	5.1	5.1	5.0	>5.1	>5.2	>5.5	5.4	>5.3	5.3	

(POSITIVE) $\times 10^{-15}$ Ohm $^{-1}$ m $^{-1}$
(POSITIVE) $\times 10^{-16}$ Ohm $^{-1}$ m $^{-1}$

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
5.6	6.0	6.0	6.4	6.8	7.8	7.9	7.5	-	5.4	9.1	3.3	5.8	o,l	1	
7.5	8.2	9.1	5.5	4.1	3.9	4.1	3.3	-	6.8	12.6	2.7	9.9	c	2	
4.0	4.4	4.8	5.0	4.6	5.0	4.9	5.0	-	-	-	-	-	c,r,l	3	
6.8	7.1	7.8	7.9	8.3	8.1	8.1	7.7	-	-	-	-	-	c,r	4	
4.8	5.8	6.7	6.3	4.6	3.3	3.5	3.7	-	-	-	-	-	c	5	
-	-	[4.1]	4.6	(4.6)	3.5	3.4	3.5	-	-	-	-	-	c,r	6	
3.7	4.0	4.4	4.6	4.4	3.9	4.0	4.1	-	3.5	11.5	1.2	10.3	o,r,l,m,wind	7	
5.0	4.3	3.5	3.7	2.7	(2.9)	3.3	3.3	-	>4.1	>14.7	1.4	>13.3	c,r,t	8	
4.2	8.8	[6.9]	5.6	5.2	5.1	5.0	5.4	-	4.6	10.7	1.5	9.2	c,r,t	9	
5.3	5.6	5.0	4.1	3.3	2.3	2.3	2.5	-	4.6	7.7	2.0	5.7	c,r	10	
3.7	3.8	-	-	-	-	-	-	-	-	-	-	-	c,r	11	
-	-	-	-	-	-	-	-	-	-	-	-	-	c,r,l,m	12	
>9.6	9.3	[7.7]	7.3	7.9	9.0	7.4	7.7	-	-	-	-	-	c,r	13	
6.9	6.7	[6.4]	6.0	5.6	4.8	4.4	(4.5)	-	6.8	8.3	(0.8)	(7.5)	c,r	14	
5.5	5.4	5.2	4.6	3.9	4.1	4.3	4.5	-	5.5	7.0	3.0	4.0	c,r	15	
6.7	7.0	7.0	6.4	5.6	7.0	5.8	5.4	-	6.0	10.0	2.9	7.1	c,r	16	
4.6	(3.7)	3.3	3.5	3.3	3.3	3.3	3.4	-	-	-	-	-	c,r,t,m	17	
>9.2	7.0	6.8	6.0	4.1	3.2	2.9	3.1	-	>5.9	>14.7	2.9	>11.8	c	18	
5.0	5.1	5.0	4.8	5.2	4.3	3.9	4.5	-	4.6	6.8	2.6	...	c,r	19	
5.6	5.0	5.8	5.2	5.4	6.0	5.8	5.4	-	>5.8	>14.7	3.5	>11.2	c,r	20	
6.4	5.9	5.2	5.0	4.1	3.7	4.7	5.2	-	-	-	-	-	c,r	21	
4.8	5.4	5.1	4.4	4.1	3.9	4.8	5.6	-	-	-	-	-	c,l,r	22	
6.4	8.3	3.9	3.4	3.3	3.2	3.1	2.9	-	-	-	-	-	c,r,m	23	
6.1	5.8	5.3	6.0	10.6	4.6	8.5	7.3	-	5.6	13.9	1.6	12.3	c,r,t	24	
4.6	6.0	6.4	6.9	5.2	6.0	6.0	5.8	-	5.3	9.4	3.5	5.9	c,r	25	
(4.6)	4.6	4.1	(3.3)	3.9	3.7	3.7	3.7	-	4.4	4.4	7.0	(2.0)	(5.0)	c	26
-	-	-	5.4	4.5	3.1	3.2	3.3	-	-	-	-	-	c,r,t	27	
5.8	4.4	4.8	4.0	4.5	4.4	5.4	5.2	-	4.7	12.7	1.5	11.2</			

Juillet - July

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	3.9	10.8	6.4	9.1	>12.5	6.4	7.0	6.8	5.6	6.4	7.0	6.6	(6.6)	6.7	7.2	6.9	
2	-	-	-	-	5.9	5.7	5.8	5.8	5.3	5.3	5.6	4.8	5.2	5.2	4.9	5.0	
3	4.6	5.1	5.8	6.3	5.8	5.6	4.8	5.4	5.1	4.2	5.0	5.2	4.8	4.8	5.0	6.2	
4	5.0	5.2	-	6.2	5.6	5.8	5.6	4.8	5.2	5.0	5.0	>5.2	5.8	>5.9	5.8	5.5	
5	5.6	5.7	4.4	4.4	4.4	4.5	4.5	4.1	4.0	4.7	4.6	5.4	4.8	4.6	4.7	5.2	
6	3.5	3.7	3.8	4.1	4.4	3.9	4.6	4.4	5.0	4.8	4.8	4.6	>5.4	5.4	>6.8	7.4	
7	5.8	5.9	5.9	-	-	[6.0]	5.9	6.4	6.0	6.0	5.8	5.4	5.1	5.3	5.7	6.6	
8	5.3	6.0	5.8	5.5	5.6	5.6	5.4	5.6	5.8	5.8	6.0	6.0	8.0	7.5	5.0	6.0	
9	4.8	4.2	4.1	4.2	5.0	-	5.3	5.6	5.2	(5.0)	4.1	3.8	4.4	4.4	4.6	4.8	
10	4.1	4.4	4.4	4.1	4.4	4.7	4.4	4.1	3.9	3.8	3.7	3.8	4.1	5.0	5.8	5.7	
11	5.9	6.0	5.8	6.6	6.8	6.1	6.1	6.3	6.0	6.0	6.0	5.8	5.5	4.9	4.6	4.4	
12	3.9	4.1	3.9	3.7	4.8	5.4	5.5	5.8	5.6	5.6	5.0	4.8	4.8	4.5	4.1	4.1	
13	4.0	[4.3]	4.2	4.1	4.3	4.1	-	-	-	5.3	4.6	(4.3)	4.4	4.4	5.0	5.6	
14	4.8	4.8	4.7	4.1	4.4	4.4	4.4	4.5	4.5	-	-	5.6	6.0	6.5	6.6	6.6	
15	3.3	-	-	-	-	-	-	5.4	5.2	4.6	4.8	4.8	5.1	5.2	5.4	5.8	
16	-	3.7	3.7	4.1	5.0	4.6	4.1	(3.9)	4.0	4.4	4.5	4.4	4.7	4.6	5.0	5.0	
17	-	5.4	4.4	4.9	5.0	5.4	5.4	5.7	5.4	5.0	4.4	3.9	4.0	(4.2)	4.6	5.0	
18	3.2	3.3	4.1	4.0	4.6	5.0	6.0	7.5	6.2	6.0	5.8	6.0	5.7	6.2	6.0	5.1	
19	-	-	-	-	-	-	-	9.0	8.3	8.2	8.1	7.2	6.2	6.3	6.4	6.2	
20	8.5	7.9	8.5	9.4	7.9	7.4	6.6	7.0	7.6	10.2	8.4	7.7	7.7	-	-	-	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	-	-	-	7.2	7.5	7.8	8.1	-	
23	6.4	6.3	6.6	6.8	7.3	6.8	6.0	6.3	6.4	7.0	6.2	5.3	6.0	5.6	5.4	6.0	
24	9.1	8.6	8.3	7.7	7.7	7.2	8.6	6.6	4.8	4.8	4.7	5.3	5.2	6.2	6.6	7.0	
25	-	-	-	-	-	-	-	-	-	-	5.9	5.7	5.4	5.0	-	[4.6]	
26	5.9	6.2	7.0	7.5	6.4	5.8	5.8	5.9	5.5	5.6	5.6	5.5	5.2	5.4	5.3	5.4	
27	4.8	5.2	4.8	4.8	5.4	5.0	5.0	4.9	4.6	4.9	5.0	5.2	5.0	5.4	-	7.7	
28	6.8	6.8	6.4	6.3	6.8	8.0	8.1	5.8	4.9	5.0	4.4	(4.4)	4.6	4.8	5.0	5.2	
29	6.0	6.2	6.1	6.2	6.6	6.4	(5.8)	5.6	4.8	4.4	4.6	4.6	4.3	3.9	(4.1)	3.8	
30	6.2	6.6	6.8	6.8	6.7	6.0	5.4	5.3	6.2	5.2	4.5	3.7	3.8	3.4	3.4	3.9	
31	5.0	4.6	4.2	4.4	5.3	5.2	5.4	5.3	4.5	3.5	3.3	[3.3]	3.7	3.5	3.9	4.1	
A	5.3	5.9	5.3	5.6	>6.1	5.4	5.4	5.4	4.9	4.8	4.1	4.3	5.4	5.3	5.6	5.7	
N	5.3	5.6	5.4	5.6	>5.9	5.6	5.7	5.7	5.4	5.4	5.3	>5.1	>5.3	>5.3	>5.4	5.6	

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

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
7.5	5.7	[6.0]	5.6	6.6	7.7	-	-	-	-	-	-	-	-	c,r,t	1
4.9	4.3	4.5	4.2	(5.0)	5.2	5.2	5.4	-	-	-	-	-	-	c,r	2
7.3	7.0	5.0	4.7	5.0	5.7	5.6	5.2	-	5.4	8.4	3.9	4.5	-	c,r	3
5.4	5.0	6.0	6.8	6.9	6.8	[6.7]	(5.8)	-	-	-	-	-	-	c,r	4
5.6	5.3	4.6	4.5	4.8	4.8	4.1	3.7	-	4.7	7.9	2.9	5.0	-	c,r	5
5.0	4.8	4.6	4.8	(3.3)	3.5	4.5	6.3	-	>4.7	>14.7	1.4	>13.3	-	c,r,t	6
6.3	7.1	7.5	6.4	6.2	6.2	5.1	4.4	-	-	-	-	-	-	c,r,wind	7
6.3	6.3	6.3	5.6	5.4	5.2	5.7	5.6	-	5.9	10.6	2.8	7.8	-	c,r,l	8
5.4	4.8	4.0	4.6	4.0	4.0	4.1	4.0	-	-	-	-	-	-	c,r	9
5.6	5.6	6.0	6.2	6.1	6.0	7.5	6.0	-	5.0	10.2	2.6	7.6	-	c,r	10
4.4	4.1	4.1	4.6	3.6	3.7	4.1	4.4	-	5.2	7.8	2.6	5.2	-	c,r	11
4.9	5.4	6.2	4.8	4.5	4.8	4.9	4.6	-	4.8	8.1	2.3	5.8	-	c,r	12
5.8	5.8	-	7.5	6.4	-	-	-	-	-	-	-	-	-	c	13
5.2	5.4	4.8	-	-	4.6	4.1	3.7	-	-	-	-	-	-	c,r,t	14
5.2	4.4	3.7	3.8	3.0	3.5	-	-	-	-	-	-	-	-	c,r,t	15
5.6	5.1	5.4	5.0	5.6	6.5	6.6	-	-	-	-	-	-	-	c	16
5.1	4.8	5.2	5.7	5.8	4.9	4.4	3.7	-	-	-	-	-	-	c,r	17
-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r	18
5.8	6.2	7.0	8.1	8.6	(9.4)	8.5	8.3	-	-	-	-	-	-	c,r	19
-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,r,m	20
-	-	-	-	-	-	-	-	-	-	-	-	-	-	c,m,d,r	21
9.0	8.4	-	-	-	-	-	6.4	-	-	-	-	-	-	c	22
6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	c	23
6.6	8.5	-	-	-	-	-	-	-	-	-	-	-	-	c,m	24
5.0	6.4	-	6.8	6.4	6.5	6.2	6.0	-	-	-	-	-	-	c,r	25
6.0	6.7	8.8	7.1	7.8	8.5	6.3	5.2	-	6.3	10.4	4.6	5.8	-	c,r	26
6.4	-	9.0	8.1	8.6	8.8	8.1	7.3	-	-	-	-	-	-	c,r,l,m	27
5.6	(6.1)	6.6	7.2	7.2	7.9	6.5	(5.6)	-	6.1	10.0	(3.7)	(6.3)	c	c	28
3.9	3.9	4.3	4.5	4.8	-	-	[6.2]	-	-	-	-	-	-	c	29
3.3	3.7	7.7	6.2	5.3	(5.4)	(4.8)	4.8	-	5.2	13.2	3.0	10.2	-	c,r,m	30
4.4	4.4	-	-	-	-	5.6	7.1	-	-	-					

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		8.1	9.2	-	-	-	-	-	-	5.8	5.0	4.1	3.6	3.3	3.7	3.7	3.9	
2		7.0	6.6	7.2	7.5	9.4	9.4	6.4	3.9	3.7	3.9	3.8	[3.8]	3.1	3.5	4.9	4.4	
3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	5.0	
4		-	-	-	-	-	-	-	-	5.7	5.2	4.5	5.0	5.4	5.2	5.6		
5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6		-	-	-	-	-	-	-	-	5.8	-	[6.6]	6.2	5.8	6.3			
7		3.7	3.7	4.1	4.8	4.8	5.2	4.9	4.4	4.6	5.2	5.2	4.8	4.1	3.5	4.9	4.8	
8		3.3	3.4	3.5	3.9	3.9	5.2	5.0	5.4	4.9	2.8	[3.3]	2.9	3.7	3.9	4.1	4.5	
9		3.1	3.9	4.9	4.8	5.4	[5.8]	[5.2]	5.0	4.8	3.7	4.3	4.5	6.0	4.4	4.1	-	
10		6.5	6.5	6.6	7.0	6.2	5.8	6.0	6.0	6.6	5.8	5.4	5.4	4.8	4.8	4.9	6.6	
11		5.0	5.0	4.8	4.5	5.2	5.2	5.2	5.1	5.4	6.2	6.4	6.6	7.9	8.5	5.6	6.8	
12		5.6	5.6	5.6	7.3	5.8	7.5	6.0	4.6	4.3	[4.8]	4.4	-	[5.0]	5.4	5.6	6.4	
13		5.4	5.2	5.6	5.2	4.1	4.1	4.5	6.0	4.9	6.0	5.5	4.6	5.4	5.4	4.1	4.9	
14		3.0	2.8	3.0	3.1	3.3	4.6	4.5	5.0	4.5	4.8	4.8	4.9	5.0	4.8	5.4	5.0	
15		-	-	-	-	-	4.0	3.8	4.1	3.9	4.1	3.9	3.9	3.5	3.9	4.2	5.2	
16		2.9	2.8	2.9	2.7	3.5	5.2	4.1	4.1	3.8	3.8	3.8	3.8	4.4	4.4	4.5	4.6	
17		2.9	2.6	3.3	3.5	4.3	4.9	4.1	3.9	-	(4.2)	(4.2)	(4.4)	(4.4)	(4.8)	(5.0)	(4.9)	
18		3.3	3.0	3.1	3.3	3.9	4.6	5.2	5.2	5.1	5.8	6.1	5.8	6.2	6.4	6.2	6.2	
19		5.3	6.2	6.4	-	5.7	7.0	5.4	5.2	-	[6.3]	-	5.8	6.0	6.8	6.0	5.8	
20		7.9	8.0	7.7	7.9	9.2	10.4	8.7	8.4	9.4	9.3	8.6	9.2	9.3	8.3	8.1	8.3	
21		8.3	8.7	7.7	7.8	8.1	7.9	6.7	6.8	7.0	7.0	7.5	7.7	7.9	8.1	8.1	8.2	
22		7.5	7.5	7.7	7.0	6.8	7.0	6.2	5.8	5.6	5.4	5.4	5.6	5.2	5.6	6.0		
23		8.1	8.4	7.7	6.9	7.9	6.8	6.6	6.4	6.4	6.7	-	7.7	7.4	7.0	7.0	6.2	
24		6.0	5.8	(5.8)	4.6	3.7	3.9	4.1	5.6	5.4	5.4	4.8	4.6	5.0	5.4	6.1	7.4	
25		3.1	3.5	3.5	3.5	6.8	7.7	7.0	7.4	6.8	7.0	7.0	-	-	-	-	-	
26		4.7	6.8	6.0	5.8	7.2	7.9	7.9	7.9	7.3	7.5	7.5	7.7	7.2	7.7	8.9		
27		-	-	8.5	8.1	7.6	6.7	6.8	7.3	7.7	7.6	7.5	7.5	7.7	7.3	7.0	7.3	
28		8.1	8.4	8.9	9.1	8.5	7.7	7.0	7.0	6.4	5.4	5.4	6.1	5.6	5.0	5.6	6.7	
29		6.0	6.9	4.8	-	4.6	5.6	6.4	6.2	5.2	6.0	6.3	[6.0]	6.0	6.0	6.1	6.8	
30		7.0	6.0	5.2	5.0	5.6	5.8	6.2	6.5	6.8	7.5	7.3	7.5	6.6	5.8	6.1		
31		4.8	4.8	4.4	4.5	5.1	5.8	6.1	5.6	6.4	6.8	6.3	5.8	6.0	6.2	6.6	6.6	
A		4.9	5.2	5.3	5.2	5.5	6.0	5.8	5.7	5.9	6.0	5.7	5.7	5.9	5.8	5.8	6.2	
N		5.5	5.7	5.6	5.6	5.7	6.3	5.8	5.7	5.8	5.7	5.6	5.6	5.7	5.6	5.6	6.0	

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

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

1974

17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
4.1	4.9	-	-	-	-	-	6.6	-	-	-	-	-	c,m,t,l,r	1
4.5	5.2	-	-	-	-	-	-	-	-	-	-	-	c,r,l	2
-	-	-	-	-	-	-	-	-	-	-	-	-	c,r,l,m	3
5.4	5.6	-	-	-	-	-	5.0	6.2	-	-	-	-	b	4
6.6	6.6	6.8	6.2	5.0	4.1	3.5	3.7	-	-	-	-	-	c,r	5
7.3	7.0	7.9	5.4	4.3	4.3	3.9	3.7	-	4.9	9.6	3.0	6.6	c	6
5.0	4.7	3.5	2.0	1.6	2.2	2.3	2.6	3.6	3.6	5.9	1.4	4.5	b	7
6.2	5.6	5.6	5.8	7.0	6.8	6.6	[6.6]	-	-	-	-	-	c,r,l,m	8
7.7	3.7	4.0	2.8	3.3	3.9	4.8	4.6	5.4	9.2	1.8	7.4	6.5	c,r,l,m	9
7.9	8.3	[5.3]	3.1	2.9	3.5	3.9	4.2	-	5.5	10.7	2.5	8.2	c,r	10
5.8	6.2	4.8	4.1	3.9	3.6	3.9	4.5	-	-	-	-	-	c,r	11
4.8	5.8	4.6	3.7	3.5	3.1	2.7	2.7	-	4.7	7.7	1.4	6.3	c	12
5.6	4.8	4.0	-	-	-	-	-	-	-	-	-	-	c,m	13
5.3	4.5	3.2	2.8	2.4	2.5	2.4	2.8	-	-	-	-	-	c	14
5.2	4.1	2.8	[1.8]	1.7	2.0	2.0	3.3	-	3.5	6.0	1.2	4.8	b,m	15
4.3	3.9	[2.8]	3.5	3.7	3.5	3.7	3.7	-	-	-	-	-	b,m	16
6.4	8.1	6.6	4.6	4.8	6.0	6.2	6.0	-	5.3	9.7	2.3	7.4	c,r,l	17
6.0	6.0	5.8	6.5	7.2	7.5	7.7	7.9	-	-	-	-	-	c,r,l	18
8.1	7.9	6.0	4.9	4.9	5.8	7.7	8.1	8.0	8.0	11.2	4.7	6.5	c	19
8.5	8.7	6.4	5.2	6.2	6.8	7.9	8.1	-	7.6	11.7	4.8	6.9	c,r	20
6.2	6.2	5.8	6.8	7.0	7.5	7.8	8.1	-	6.5	9.0	4.9	4.1	c	21
6.8	6.2	3.5	3.4	3.9	4.4	5.0	5.6	-	-	-	-	-	c,r,m	22
6.3	5.4	4.3	3.3	2.5	2.9	2.8	2.6	-	4.8	10.8	2.3	8.5	c,r,f	23
-	-	-	4.0	3.7	4.1	4.1	4.2	-	-	-	-	-	c	24
8.7	7.3	4.1	5.3	-	-	-	-	-	-	-	-	-	c	25
6.9	6.3	6.2	6.2	7.0	7.5	7.4	7.6	-	-	-	-	-	c	26
6.3	5.7	5.0	5.2	6.4	7.0	6.8	6.1	6.6	6.6	10.0	4.8	5.2	c	27
6.9	6.4	4.5	4.6	5.0	5.8	[6.6]	6.6	-	-	-	-	-	b	28
6.6	6.0	5.5	4.4	5.0	5.6	5.8	5.4	6.1	6.1	7.8</				

Septembre - September

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	6.4	6.0	6.2	5.8	5.4	6.3	6.6	7.0	6.4	5.6	5.9	6.8	6.7	6.8	7.3	7.3	
2	7.3	7.3	7.4	7.9	7.5	7.0	6.8	6.0	5.4	5.6	5.6	5.8	5.8	6.5	7.2	8.5	
3	3.7	4.8	4.7	4.5	4.8	5.4	6.0	5.4	6.5	5.1	5.8	6.4	7.4	7.5	7.3	7.3	
4	-	-	-	-	-	-	-	-	6.6	6.0	5.1	6.1	-	-	5.8	4.8	
5	3.7	3.3	3.3	2.9	2.8	5.2	4.6	[4.4]	4.1	3.9	3.7	4.2	4.1	4.7	4.5	5.2	
6	4.7	4.8	4.8	4.9	5.2	5.0	5.1	5.2	5.1	4.9	4.8	4.2	4.6	4.3	4.1	4.4	
7	7.3	7.9	8.2	7.9	6.9	6.2	6.0	5.7	6.0	6.2	6.6	7.7	8.1	7.7	6.5	5.8	
8	5.6	5.0	4.6	6.0	5.0	6.4	6.8	6.3	5.9	5.2	5.0	5.0	5.8	6.0	6.2	6.0	
9	4.4	4.4	4.4	4.8	3.9	4.8	6.5	5.6	4.6	3.9	3.7	3.7	3.8	3.9	3.9	4.6	
10	6.2	5.8	6.2	6.0	6.2	6.6	6.3	6.0	5.8	6.2	6.0	5.6	5.8	6.0	6.2	(5.4)	
11	4.8	3.9	4.0	3.9	3.9	6.0	6.0	5.3	4.4	4.1	4.4	4.7	[5.2]	5.4	4.1	5.2	
12	2.3	2.5	2.6	3.0	3.3	3.1	4.6	3.9	5.5	4.9	5.6	3.9	3.8	4.1	3.5	3.9	
13	2.9	3.1	3.5	3.5	3.7	3.0	5.6	4.6	4.8	5.2	4.5	3.3	3.3	3.3	3.4	3.7	
14	2.8	3.0	3.3	4.1	2.7	5.8	5.0	(3.0)	2.9	2.9	2.9	3.0	3.5	3.4	3.4	3.4	
15	4.6	4.1	4.1	4.1	4.1	7.4	8.2	6.6	6.0	6.4	7.3	7.2	6.8	7.4	8.1	8.2	
16	9.6	7.7	5.8	6.3	5.0	5.8	7.5	8.7	9.4	9.4	8.3	6.7	6.1	5.8	4.8	5.0	
17	5.8	6.8	7.2	7.3	6.0	5.8	6.1	6.1	6.4	6.3	6.0	5.8	6.2	6.0	5.8	4.9	
18	4.0	3.2	3.0	3.1	2.7	4.4	4.8	4.8	5.0	4.9	4.9	5.1	[5.2]	4.8	4.1	4.1	
19	4.5	5.2	6.4	8.1	7.4	7.5	6.8	7.7	8.3	7.7	6.4	5.0	5.2	5.2	6.4	7.9	
20	1.9	1.8	2.5	(2.7)	(2.4)	(2.5)	(3.0)	4.5	4.7	4.4	4.8	4.1	4.1	5.2	[6.4]	4.0	
21	1.8	1.4	(1.6)	(1.4)	(2.1)	(2.9)	(3.5)	3.5	[3.8]	-	-	-	-	6.7	7.9		
22	6.0	6.4	6.4	6.2	5.8	5.8	6.2	6.0	7.5	5.6	5.6	6.2	6.2	6.4	7.9	5.8	
23	2.9	3.3	7.0	6.1	2.9	2.8	(7.5)	(5.6)	[4.6]	4.6	4.7	-	-	5.2	5.2	4.5	
24	6.0	7.3	7.4	8.1	6.9	5.1	5.2	6.4	5.2	5.6	5.5	5.5	6.5	5.6	5.4	4.7	
25	6.5	5.2	4.3	4.1	3.8	3.7	4.9	7.5	7.1	7.0	6.2	5.4	4.6	3.7	3.5	4.1	
26	3.9	4.6	4.2	3.7	3.3	2.9	5.2	6.2	6.9	6.4	5.6	5.5	5.5	5.2	4.9	5.2	
27	1.6	1.8	2.5	2.9	2.8	2.3	2.0	2.7	3.8	4.1	5.0	4.6	4.1	4.8	4.6	5.0	
28	2.3	2.5	2.5	2.0	1.9	1.2	1.2	2.0	2.8	3.9	5.8	4.6	5.0	5.0	6.0	3.1	
29	2.3	2.3	3.2	3.4	2.9	4.3	4.9	3.9	4.6	5.6	6.6	6.4	6.6	6.4	6.6	5.9	
30	9.8	10.2	10.4	10.6	9.6	8.1	7.6	9.0	7.9	7.0	6.0	6.5	7.7	5.1	6.2	6.0	
A	5.4	5.3	5.4	5.5	5.0	5.5	6.2	5.8	5.5	5.5	5.6	5.1	5.3	5.4	5.4	5.5	
N	4.7	4.7	4.9	5.0	4.5	4.9	5.6	5.5	5.6	5.4	5.5	5.3	5.5	5.4	5.5	5.4	

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

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

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
7.2	7.8	7.7	7.5	7.6	6.8	6.6	7.2		6.7	6.7	13.8	4.8	9.0	c	1
6.1	4.7	4.3	3.3	3.2	3.3	3.5	3.8		-	5.8	10.4	2.8	7.6	c	2
6.5	6.0	6.0	6.0	6.8	6.5	-	-		-	-	-	-	-	c	3
5.4	6.4	5.6	4.2	3.9	4.8	4.8	3.9		-	-	-	-	-	o,r	4
4.5	3.7	3.9	4.6	4.4	4.4	4.5	4.8		-	4.1	7.5	2.3	5.2	c	5
6.2	6.2	6.2	4.0	4.3	5.1	6.0	6.5		5.0	5.0	6.9	3.3	3.6	b	6
6.1	4.8	3.9	3.4	4.0	4.8	5.0	5.4		-	6.2	9.6	2.9	6.7	c,r	7
6.0	5.4	4.5	4.1	4.1	4.4	4.4	4.6		-	5.4	8.7	3.5	5.2	c,r	8
4.5	3.5	3.3	3.3	4.6	5.4	5.8	5.8		4.5	4.5	9.0	3.1	5.9	c	9
5.8	6.2	6.6	6.4	6.4	6.2	5.8	5.2		-	6.0	12.8	2.7	10.1	c,r	10
3.1	2.6	[1.7]	1.5	1.7	1.8	1.7	2.0		-	3.8	8.3	1.2	7.1	c,m,f	11
3.8	3.1	2.5	2.9	3.9	3.5	3.0	2.7		3.6	3.6	6.1	1.8	4.3	c	12
3.1	1.9	1.8	(2.0)	1.7	1.8	1.8	2.4		-	3.2	6.0	1.1	4.9	c,r	13
3.7	3.7	4.6	5.4	6.4	6.4	4.8	4.1		-	3.9	10.9	2.2	8.7	o,r,d,m	14
7.9	6.4	5.5	4.5	5.8	8.5	10.2	10.1		-	6.6	12.0	3.1	8.9	c	15
3.9	3.5	4.1	4.1	4.6	5.2	6.0	6.2		6.2	6.2	10.9	3.4	7.5	b	16
4.0	3.7	4.1	3.7	3.5	3.8	3.7	4.2		5.4	5.4	7.8	3.3	4.5	c	17
2.9	2.7	3.3	4.1	4.2	3.9	3.5	3.7		-	4.0	5.6	2.5	3.1	b	18
5.8	3.9	3.3	2.5	2.0	1.6	1.6	1.6		-	5.3	10.2	1.3	8.9	c,r	19
2.5	3.0	3.9	(3.9)	3.3	3.9	3.7	2.7		-	(3.6)	8.8	(1.0)	(7.8)	c,r	20
6.0	2.6	1.2	1.2	1.6	2.9	2.8	5.6		-	-	-	-	-	b,m	21
5.2	3.3	2.9	3.0	2.9	3.3	3.0	3.3		-	5.3	9.6	2.1	7.5	c,r,m	22
4.1	3.8	3.4	4.2	[4.3]	3.5	3.7	5.2		-	-	-	-	-	c	23
3.5	2.8	3.8	6.1	6.8	7.2	7.3	6.8		-	5.9	11.9	2.6	9.3	c,d,m	24
4.1	4.1	4.4	4.8	4.0	4.0	4.4	4.6		-	4.8	8.6	3.1	5.5	o,d,r,m	25
3.3	1.6	1.2	1.1	1.1	1.0	1.1	1.2		-	3.8	12.5	0.8	11.7	o,r,f,m	26
4.2	3.1	2.5	2.3	2.2	2.4	2.0	2.								

Octobre - October

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	6.4	7.4	9.5	10.7	9.4	7.3	6.2	6.2	6.6	7.4	7.0	6.3	6.8	5.5	6.4	3.9	
2	5.4	6.0	7.5	11.3	8.0	7.0	6.6	8.3	8.2	6.2	5.6	5.4	6.0	5.4	5.2	6.0	
3	2.2	2.0	1.8	2.0	2.0	2.2	1.8	1.5	2.0	2.3	3.3	2.8	2.5	3.7	3.8	3.8	
4	2.5	2.8	3.1	3.1	2.5	2.3	2.3	2.5	3.2	3.9	4.5	4.1	3.9	3.9	4.6	4.5	
5	3.7	3.5	2.9	2.5	2.4	2.4	2.2	2.6	3.3	3.9	[4.9]	5.4	5.8	5.6	5.3	3.7	
6	2.7	2.7	2.4	2.9	2.7	3.2	[3.5]	3.2	3.1	3.5	3.8	3.9	4.1	4.6	4.3	3.5	
7	3.7	4.8	5.6	4.4	3.5	2.7	3.6	5.4	5.3	5.1	5.0	5.1	5.4	5.2	5.2	4.3	
8	5.8	6.2	5.9	5.6	5.0	3.9	3.7	5.0	5.6	5.9	6.2	6.8	6.3	6.2	6.0	-	
9	4.7	4.8	5.1	4.6	3.6	3.9	5.4	6.6	7.0	7.0	6.6	6.2	5.8	5.4	5.5	5.4	
10	5.6	5.4	5.1	4.8	4.3	3.8	3.7	3.9	4.5	4.4	4.4	4.4	5.2	4.1	5.2	6.6	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	[4.1]	3.9	4.1	3.9	4.2	5.3	6.6	3.1		
13	2.8	2.4	2.4	2.2	2.5	2.8	3.1	3.1	5.0	2.9	3.5	4.2	3.2	2.1	2.2	1.8	
14	3.5	3.2	2.2	2.2	2.2	2.0	2.7	2.9	-	-	-	-	-	-	2.5	2.4	
15	4.8	5.8	5.0	5.2	4.6	3.2	3.1	2.7	3.0	3.5	4.1	4.6	5.0	3.6	3.9	3.5	
16	2.7	3.1	3.3	4.5	6.8	6.8	-	-	[7.0]	[7.9]	8.0	8.1	9.3	7.1	5.2	4.1	
17	9.2	8.9	10.0	10.7	7.7	9.4	8.8	7.7	6.7	7.7	-	8.1	5.7	-	5.0	5.0	
18	7.5	5.0	5.7	5.2	5.2	3.7	3.5	3.7	3.5	-	[5.6]	5.5	4.5	[4.8]	[5.5]	5.6	
19	3.9	4.6	4.1	2.9	3.0	2.5	2.7	2.7	3.0	3.1	3.3	3.7	3.9	4.1	3.6	3.3	
20	4.6	4.6	4.8	5.0	5.3	5.2	5.0	4.5	4.0	4.1	4.3	4.7	4.6	5.2	5.1	4.8	
21	7.5	7.5	8.3	8.4	7.9	7.0	5.6	3.3	2.9	2.9	4.9	5.2	5.2	5.0	4.4	3.3	
22	11.5	12.9	12.1	12.1	10.6	9.4	10.6	12.7	12.1	12.3	-	9.3	8.9	7.6	5.3	5.0	
23	6.0	6.7	6.8	6.2	5.0	4.2	3.7	3.9	4.5	5.0	5.0	5.6	5.3	5.1	4.6	3.0	
24	1.5	2.3	2.8	2.8	2.7	2.0	1.8	1.7	1.6	2.0	2.8	-	3.9	3.3	3.5	2.4	
25	3.1	4.3	5.0	5.8	6.3	5.6	5.6	[6.9]	5.2	5.0	5.4	5.3	4.8	5.0	4.8	4.6	
26	4.4	5.0	7.0	7.7	7.3	6.6	6.0	6.2	6.3	6.4	6.4	6.4	6.4	5.6	5.8	4.9	
27	6.6	6.0	4.9	4.9	5.0	5.1	6.4	6.4	6.6	6.8	6.8	6.6	6.5	6.6	5.6	3.9	
28	9.2	10.4	11.9	10.5	9.4	9.4	8.5	8.3	6.6	-	[6.6]	6.4	6.6	6.4	5.4	-	
29	4.4	4.4	4.4	4.1	3.6	3.1	2.7	2.8	4.4	4.7	5.4	4.8	4.4	3.9	3.3	2.9	
30	4.6	5.0	4.9	4.8	3.9	3.3	2.7	2.9	3.2	3.3	3.5	4.4	3.1	2.3	1.8	1.6	
31	5.2	5.1	5.2	4.1	3.9	3.9	3.9	3.5	3.5	3.6	3.7	3.7	4.1	4.4	4.6	4.8	
A	4.4	4.5	4.7	3.9	3.5	3.0	2.9	3.4	3.8	4.1	4.7	4.8	4.6	5.3	5.4	3.3	
N	5.0	5.3	5.5	5.6	5.0	4.6	4.5	4.7	4.9	5.0	5.0	5.4	5.2	4.9	4.7	4.0	

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

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
3.9	3.9	5.3	4.9	4.8	4.9	3.9	5.4	-	6.2	14.6	3.1	11.5	o,r	1	
5.7	3.7	3.4	2.7	2.7	2.9	2.3	2.2	-	5.6	13.0	1.8	11.2	o,r	2	
4.6	4.1	4.1	3.7	4.1	3.9	3.3	2.8	-	2.9	8.1	0.6	7.5	o,r,f,m	3	
3.5	2.7	3.0	4.3	3.7	3.9	4.6	4.1	-	3.5	5.7	1.8	3.9	o,r	4	
2.8	2.7	2.8	2.8	2.9	3.5	3.3	2.9	-	3.5	6.0	2.0	4.0	c,hf	5	
2.9	3.5	4.1	4.0	4.5	4.0	4.4	3.5	-	3.5	5.0	2.3	2.7	o,m	6	
3.0	2.5	3.6	4.6	5.2	4.8	4.8	5.5	-	4.5	6.0	2.3	3.7	o,r,f,m	7	
3.9	5.4	3.1	4.7	3.1	4.2	5.2	4.9	-	-	-	-	-	o,r,m	8	
5.6	5.3	4.7	5.0	4.8	4.9	5.0	5.3	-	5.3	7.5	3.4	4.1	o,r,wind	9	
7.1	6.7	6.2	5.8	7.5	6.4	5.7	5.6	-	5.3	8.1	3.5	4.6	o,r,wind	10	
-	-	-	-	-	-	-	-	-	-	-	-	-	c,r,wind	11	
1.1	1.1	1.8	2.4	1.7	2.0	2.8	2.5	-	-	-	-	-	c,r,m	12	
2.2	3.4	4.1	3.8	4.3	3.5	3.2	3.8	-	3.1	7.8	1.3	6.5	o,r,m,f	13	
-	2.4	1.8	1.9	2.5	2.5	2.9	3.5	-	-	-	-	-	o,f,m,r	14	
2.5	1.9	1.8	1.9	1.4	1.2	1.2	1.9	-	3.3	6.6	1.0	5.6	o,r,m,f	15	
3.5	4.1	3.9	7.7	8.3	8.0	7.0	9.1	-	-	-	-	-	o,r,m	16	
7.0	7.6	9.1	8.7	7.3	6.7	6.6	7.5	-	-	-	-	-	o,r	17	
5.0	4.0	3.7	4.4	4.2	4.4	4.8	4.1	-	-	-	-	-	o,r,d	18	
3.7	3.9	3.5	3.7	3.9	4.3	4.4	4.5	-	3.6	5.0	2.3	2.7	o	19	
5.4	7.9	7.5	7.5	7.3	6.8	7.2	7.7	-	5.5	8.5	3.9	4.6	o,r	20	
3.2	3.3	3.3	4.5	5.8	6.0	6.0	10.0	-	5.5	13.0	2.3	10.7	o,d,r	21	
6.0	6.2	5.8	5.4	5.4	5.6	5.6	5.8	-	-	-	-	-	o,r	22	
2.2	1.4	1.3	1.6	2.0	1.6	1.7	1.4	-	3.9	7.7	1.2	6.5	o,r	23	
2.6	2.8	2.5	2.0	2.2	2.7	2.8	2.9	-	-	-	-	-	o,r,m	24	
4.1	>6.4	4.0	3.9	4.8	4.8	5.0	4.8	-	>6.0	14.7	2.9	11.8	o,r,d	25	
4.8	4.4	4.8	5.0	5.0	5.5	6.0	6.7	-	5.9	9.8	2.5	7.3	o,r,d	26	
3.6	3.6	5.1	6.4	6.8	6.0	5.6	6.6	-	5.8	7.7	3.2	4.5	o,r,wind	27	
3.															

Novembre - November

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	5.0	4.8	4.4	4.2	4.2	4.1	4.1	3.5	3.9	-	5.4	[5.6]	6.2	6.6	5.8	3.7	
2	3.1	3.1	3.3	2.9	3.3	2.9	2.5	2.6	3.5	3.6	3.8	3.3	3.3	2.7	3.0	3.5	
3	7.2	6.2	6.0	7.2	6.2	6.0	7.2	4.8	3.3	2.9	2.7	3.3	3.9	4.5	4.8	5.6	
4	3.6	5.6	7.3	8.5	9.8	8.3	6.8	7.9	[6.6]	-	-	4.5	[3.9]	3.5	3.2	3.4	
5	6.1	4.8	4.4	5.2	5.2	4.5	5.4	4.0	3.9	4.2	5.4	5.8	5.8	5.4	5.2	3.9	
6	6.4	6.0	6.2	6.6	6.4	5.6	6.0	5.4	4.8	3.3	2.9	3.9	4.4	4.6	4.4	3.6	
7	3.3	3.2	2.8	3.9	2.9	2.6	2.7	2.2	2.7	3.5	3.9	[4.4]	4.4	4.1	4.0	2.8	
8	4.1	4.6	5.2	5.0	4.5	4.0	3.4	3.1	3.1	2.8	2.6	2.7	2.7	2.7	2.7	2.7	
9	2.3	2.3	2.3	2.5	2.6	2.4	2.0	2.3	3.3	3.9	3.9	4.1	4.1	4.6	3.3	2.3	
10	3.5	4.0	4.8	5.6	5.4	5.4	5.2	4.8	4.6	4.6	[4.6]	4.4	4.2	4.7	4.6	4.2	
11	5.0	4.4	4.4	3.9	4.4	3.9	4.4	4.4	4.9	5.0	5.2	5.6	5.2	4.7	4.1	3.2	
12	3.6	3.6	3.9	3.9	4.0	3.6	3.4	3.3	3.1	4.3	5.0	4.8	4.8	3.7	2.9	2.6	
13	4.1	4.6	4.4	4.1	3.9	3.6	3.5	4.5	4.8	5.2	5.5	5.2	6.0	5.2	5.2	4.6	
14	3.2	3.4	2.7	2.7	2.7	2.9	2.6	3.3	3.9	4.1	4.4	4.9	5.0	4.6	4.0	3.8	
15	4.7	4.8	4.8	4.7	4.5	3.9	3.1	3.6	3.7	3.9	4.1	4.1	3.9	3.9	[3.5]	3.4	
16	5.0	4.9	5.0	4.6	3.9	3.7	3.5	3.5	4.0	4.5	5.0	4.8	5.2	4.8	3.9	3.7	
17	4.8	6.3	6.8	8.3	8.6	7.3	6.6	5.7	4.8	4.8	4.7	4.6	4.6	5.0	3.7	2.8	
18	2.4	2.3	2.0	2.0	1.8	1.8	1.7	1.7	2.4	2.9	2.7	3.3	[4.0]	3.9	2.6	2.2	
19	3.9	2.9	2.9	3.4	2.6	2.4	2.0	-	3.6	3.7	3.5	3.7	4.5	4.7	4.6	-	
20	4.1	3.5	3.5	3.6	3.5	3.3	3.5	3.6	-	3.3	3.2	3.4	3.5	3.7	[4.2]	[1.8]	
21	1.7	1.7	1.8	1.8	1.9	1.7	1.7	1.4	1.6	1.5	1.6	[1.6]	[1.4]	1.3	[1.0]	1.2	
22	1.7	1.8	2.0	1.8	2.0	2.1	2.0	1.6	[1.6]	1.9	2.3	2.7	2.9	2.4	2.0	1.9	
23	7.3	7.9	>10.7	7.8	3.5	2.4	1.5	1.6	2.3	4.4	4.2	4.8	4.4	3.4	2.3	1.9	
24	9.0	8.5	8.7	8.4	7.4	6.1	5.2	4.4	5.1	5.4	4.8	5.2	5.2	4.7	3.7	3.2	
25	5.6	5.8	6.2	6.4	6.4	6.2	6.0	5.6	5.2	5.3	5.0	5.0	5.4	5.3	5.1	4.9	
26	10.2	7.9	5.4	3.3	2.7	2.4	2.7	2.7	2.9	2.7	2.6	2.7	2.5	2.1	1.6	1.4	
27	2.6	2.3	2.3	2.3	2.3	[2.6]	2.3	2.7	2.8	3.0	-	3.5	3.3	3.2	3.7		
28	2.8	3.5	4.8	4.9	5.1	4.7	3.3	3.5	[3.8]	4.1	4.5	5.2	[6.0]	>7.0	5.4	2.5	
29	4.8	5.6	5.6	5.4	5.3	3.1	4.5	4.4	4.9	5.1	4.8	4.1	4.9	4.7	4.6	4.6	
30	8.3	8.7	9.2	8.9	7.9	7.2	6.0	6.0	4.8	4.7	4.2	3.9	3.9	5.0	4.1	4.1	
A	5.1	5.6	5.0	5.2	4.8	4.4	4.0	3.7	3.9	4.3	4.1	4.3	4.5	4.4	3.8	3.1	
N	4.6	4.6	>4.8	4.8	4.5	4.0	3.8	3.7	3.8	3.9	4.0	4.2	4.3	>4.2	3.8	3.2	

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

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

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
	3.7	4.0	3.7	2.0	3.1	3.7	3.7	3.5	-	-	-	-	-	c	1
	4.0	4.8	4.0	4.1	5.4	5.4	5.4	6.2	-	3.7	6.8	2.2	4.6	o,r,s	2
	4.2	3.8	5.0	4.6	5.4	3.9	3.8	3.1	-	4.8	8.8	2.5	6.3	o,s,r	3
	3.5	3.5	3.7	4.8	5.6	4.6	3.9	5.3	-	-	-	-	-	o,r,m	4
	4.5	5.8	4.5	4.6	5.4	6.7	6.6	6.6	-	5.2	7.5	3.3	4.2	o,r,d	5
	2.5	2.2	2.9	3.1	2.5	2.3	2.7	2.9	-	4.2	7.9	1.9	6.0	c,m,d,r,hf	6
	2.0	2.1	1.6	1.3	1.4	2.2	2.7	3.5	-	2.9	5.8	1.2	4.6	c,m,hf	7
	2.5	2.3	2.3	2.0	2.2	2.3	2.3	2.3	-	3.1	6.0	1.9	4.1	o,r,m	8
	2.0	2.7	2.7	2.5	3.1	3.1	3.3	3.0	-	2.9	5.7	1.6	4.1	o,f,m	9
	4.0	4.4	4.1	4.1	4.2	4.5	4.4	5.4	-	4.6	6.4	3.2	3.2	c,r	10
	2.9	3.0	2.8	2.7	2.7	3.1	3.1	3.6	-	4.0	6.4	2.5	3.9	o,r	11
	1.8	1.6	2.3	2.5	2.5	2.9	3.1	3.3	3.3	3.3	5.4	1.8	3.8	c,hf	12
	3.1	2.1	1.6	1.4	1.6	1.4	1.9	2.6	-	3.8	11.5	1.3	10.2	c,r,hf,m	13
	3.5	3.1	2.7	2.8	3.6	4.0	4.2	4.6	-	3.6	5.4	2.4	3.0	c,hf,m	14
	2.2	2.5	3.3	3.0	3.7	4.5	4.4	5.0	-	3.9	5.1	2.0	3.1	c,hf,m	15
	3.6	3.1	3.8	4.0	4.0	4.1	4.1	4.1	4.2	4.2	5.8	2.9	2.9	b	16
	2.7	2.2	2.3	2.3	3.2	3.9	3.2	2.5	-	4.7	9.9	1.8	6.1	c,m	17
	1.8	1.6	1.6	1.6	2.3	3.1	3.5	3.6	-	2.4	5.6	1.4	4.2	c,m,hf	18
	3.7	3.6	4.4	5.0	5.4	5.6	5.0	4.4	-	-	-	-	-	c,m,r	19
	1.6	1.9	1.8	1.4	1.7	1.9	2.3	1.9	-	-	-	-	-	c,r	20
	1.0	1.0	1.1	1.0	1.2	1.2	1.4	1.4	-	1.4	2.1	1.0	1.1	c,m,f,hf	21
	2.2	2.3	2.5	3.7	5.2	5.2	6.4	6.6	-	2.8	8.3	1.3	7.0	c,f,m,hf	22
	2.0	2.4	3.2	4.9	5.2	4.4	4.5	6.0	-	>4.3	>14.7	1.4	>13.3	c,m,hf	23
	3.9	4.7	5.0	4.7	5.0	5.1	5.2	5.6	-	5.6	9.7	2.9	6.8	c,hf	24
	5.1	5.1	5.6	6.2	5.6	6.6	8.1	8.8	-	5.9	9.6	4.6	5.0	o,hf,s,r	25
	1.4	1.2	1.2	1.2	1.5	2.0	2.7	3.1	-	2.9	11.2	1.0	10.2	c,f,m,hf</td	

Décembre - December

CONDUCTIBILITÉ D'AIR
AIR CONDUCTIVITY

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	4.7	4.8	4.6	4.2	4.8	6.2	6.4	7.2	3.9	2.8	3.1	4.5	4.3	3.7	2.6	2.0	
2	2.0	2.3	2.5	2.5	2.0	1.7	1.8	1.9	2.0	1.8	2.1	2.3	2.3	2.4	[2.3]	-	
3	-	-	-	-	-	-	-	-	-	5.1	5.7	6.4	5.5	4.4	4.1		
4	5.6	6.6	5.7	5.8	5.6	5.2	4.1	4.1	3.5	3.1	3.9	-	[3.6]	3.5	3.6	3.1	
5	2.8	3.1	2.7	3.1	3.9	10.2	7.7	4.8	5.2	5.3	4.9	5.5	5.8	6.5	5.2	4.3	
6	5.6	5.2	5.0	5.1	5.1	4.8	4.1	4.5	4.6	4.8	4.8	4.2	4.8	4.8	3.8	3.8	
7	6.6	7.3	6.4	5.6	5.6	6.2	5.4	5.0	4.2	4.0	3.9	4.1	4.3	4.6	4.1	3.5	
8	2.6	2.6	2.9	3.6	4.8	6.7	[6.4]	5.2	3.8	4.8	5.6	5.7	4.9	4.4	2.7	1.8	
9	2.7	3.6	4.5	4.6	3.7	3.2	2.4	2.0	2.5	2.8	3.7	3.9	4.2	3.9	3.1	2.9	
10	2.5	2.3	2.3	2.4	2.2	2.0	1.8	1.8	1.7	1.6	1.9	2.5	-	3.0	1.9	1.8	
11	2.9	2.6	3.9	4.0	3.0	1.8	1.4	1.6	2.0	[3.7]	4.4	4.3	3.1	2.5	2.3	2.5	
12	5.7	6.0	6.0	5.8	4.8	3.3	4.1	3.7	5.2	6.1	5.8	4.1	3.5	5.6	5.4	4.8	
13	3.3	3.1	3.7	3.5	2.9	2.5	1.7	1.5	1.4	1.8	2.4	2.8	3.1	2.8	2.8	2.2	
14	1.8	1.6	1.4	1.4	1.4	1.4	1.8	1.4	1.4	1.4	1.6	1.5	1.8	[2.2]	2.0	2.6	
15	3.4	3.5	3.5	3.2	3.1	3.2	2.9	2.0	1.8	1.7	1.4	1.4	1.4	1.4	1.3		
16	2.0	2.4	2.3	2.4	2.3	1.8	1.3	1.3	1.2	1.7	1.9	1.6	1.4	1.8	2.0	1.8	
17	2.9	3.1	3.1	2.8	2.4	2.3	2.7	3.4	3.5	3.3	3.3	3.7	3.5	3.3	3.8	4.6	
18	5.6	5.6	6.2	6.0	6.0	5.6	4.1	3.3	4.0	4.1	3.8	-	5.0	5.0	3.9	2.6	
19	4.3	4.6	4.6	4.6	3.0	3.1	4.6	4.8	3.5	4.0	3.8	3.3	3.5	4.2	5.0	5.4	
20	5.6	4.4	3.7	4.6	4.4	3.7	[3.6]	3.1	3.5	3.3	3.3	3.6	3.0	2.5	2.4		
21	3.5	3.7	3.3	3.3	3.3	3.1	[3.3]	3.8	3.7	3.5	3.5	3.5	3.7	3.1	3.0	3.1	
22	3.7	4.0	4.4	4.4	4.4	5.0	4.8	4.0	3.9	3.5	3.5	3.2	3.3	3.2	3.9		
23	2.5	2.5	2.7	2.4	2.3	3.1	2.9	3.0	2.9	2.8	2.9	3.0	3.0	2.8	2.6	2.6	
24	2.3	2.6	2.7	2.5	2.3	2.0	2.1	2.7	2.9	3.1	3.9	4.4	4.6	3.5	4.0	4.0	
25	3.7	3.1	3.1	3.3	3.5	2.5	4.2	4.6	5.5	6.0	5.5	5.3	5.2	5.2	5.4	5.4	
26	3.1	3.1	2.7	3.3	4.4	5.5	5.4	4.6	4.5	3.7	4.3	4.7	6.4	5.9	-	-	
27	5.0	4.5	4.8	5.7	6.2	6.6	6.6	6.2	6.0	[5.6]	6.0	[5.7]	5.8	6.0	4.8	1.6	
28	3.1	2.9	2.6	3.9	4.3	3.8	3.9	4.0	3.9	4.2	4.6	4.6	5.2	5.2	5.0	3.7	
29	(>9.4)	10.0	9.2	9.0	9.5	8.7	6.2	6.4	7.0	7.0	7.7	6.5	5.6	3.5	3.4	4.1	
30	9.1	9.3	9.6	8.3	7.3	7.0	6.5	6.0	4.8	3.5	3.1	4.8	4.8	5.0	4.6	6.0	
31	6.0	5.8	5.2	5.6	5.0	4.1	3.4	2.6	2.7	3.0	3.4	3.7	3.5	3.6	3.7	2.9	
A	2.6	2.8	3.2	3.8	3.2	2.8	2.5	2.0	2.2	2.8	3.6	4.1	4.2	3.9	3.3	2.9	
N	>4.1	4.2	4.2	4.2	4.1	4.2	3.9	3.7	3.5	3.6	3.8	3.9	4.0	3.9	3.5	3.3	

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

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

1974

	17	18	19	20	21	22	23	24	A	N	Max.	Min.	Ampl.	L'indication du temps Type of weather	Date
	2.0	2.0	2.1	2.1	2.2	2.6	2.3	2.0	-	3.6	8.3	1.9	6.4	o,hf,d	1
	2.2	2.0	2.0	2.1	2.2	2.6	-	-	-	-	-	-	-	o,d,r,f,m	2
	4.1	4.1	3.5	3.4	4.0	4.2	4.7	5.2	-	-	-	-	-	o,r	3
	2.0	1.8	3.8	4.6	3.9	3.9	3.3	2.6	-	-	-	-	-	o	4
	>6.2	2.9	3.0	3.5	3.5	4.1	4.1	5.0	>4.7	>14.7	1.2	>13.5	>13.5	o,r,s	5
	4.1	4.6	[4.6]	4.6	4.1	4.3	4.9	5.6	-	4.7	6.6	3.3	3.3	o,r,s,d	6
	2.9	2.2	1.9	1.6	1.6	1.6	1.6	2.3	-	4.0	7.6	1.5	6.1	o,r,s	7
	1.6	1.2	0.9	1.0	1.0	1.1	1.4	1.6	-	3.3	7.3	0.8	6.5	o,hf	8
	2.9	2.8	2.7	3.1	3.0	2.8	2.9	2.5	-	3.2	8.0	1.8	6.2	o,hf,s,d	9
	1.4	1.4	1.4	1.8	2.4	2.9	3.1	2.5	-	-	-	-	-	o,d,r,m,f	10
	2.9	3.0	3.2	3.3	4.1	4.2	4.6	5.2	-	3.2	5.8	1.0	4.8	c,m,r	11
	4.8	2.5	2.4	3.1	5.0	5.0	3.5	3.5	-	4.6	6.8	2.0	4.8	c,r,hf	12
	1.9	1.8	3.3	[3.5]	[2.6]	2.8	2.0	1.6	-	2.5	4.1	0.8	3.3	c,hf,s	13
	3.3	2.6	3.2	3.6	4.1	4.0	4.6	4.4	-	2.4	5.2	0.6	4.6	c,m,s	14
	1.3	1.3	1.5	1.6	1.6	1.7	1.8	1.8	-	2.0	3.8	1.1	2.7	o,s	15
	1.4	1.4	1.4	2.0	2.0	2.1	2.7	2.9	-	1.9	3.5	0.8	2.7	o,s,d	16
	4.1	4.1	5.2	5.5	6.0	6.2	6.4	6.0	-	4.0	10.0	2.0	8.0	o,s,r	17
	3.9	2.9	3.3	3.9	3.7	3.3	3.1	3.5	-	-	-	-	-	o,s,r	18
	5.7	5.2	4.8	5.0	5.2	5.8	5.4	5.5	-	4.5	7.0	2.3	4.7	o,r	19
	2.3	2.5	2.6	2.6	2.3	2.4	2.8	3.3	-	3.3	6.4	2.1	4.3	o,r	20
	3.1	3.1	2.9	3.1	3.1	2.9	3.1	3.1	-	3.3	4.4	2.6	1.8	o,r	21
	3.3	2.9	2.7	2.2	2.3	2.2	2.3	2.5	-	3.4	5.9	2.0	3.9	c,d,r	22
	2.3	2.3	2.0	1.6	1.8	1.8	2.3	2.5	-	2.5	3.5	1.4	2.1	o,hf,d	23
	2.9	2.9	3.0	3.2	3.5	4.2	4.1	4.1	-	3.2	5.0	1.8	3.2	c	24
	5.0	5.2	4.8	3.8	3.5	2.7	3.3	3.3	-	4.3	6.2	1.5	4.7	c,hf	25
	-	-	-</td												

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Janvier- January

1974

Février - February

Date	I	II	III	M
1	4190	8120	14530	8950
2	14770	14770	23140	17560
3	23140	22650	33480	26420
4	13290	16740	23140	17720
5	17730	34960	16500	23060
6	14770	13290	30530	19530
7	27080	45300	54410	42260
8	19200	26100	15260	20190
9	15760	16000	14030	15260
10	19700	39390	14770	24620
11	21670	22650	24130	22820
12	17230	17730	13540	16170
13	10830	23140	20680	18220
14	14280	40380	18710	24460
15	22160	61060	24130	35780
16	17730	20680	11330	16580
17	12060	48750	16250	25690
18	19700	20190	24130	21340
19	20190	26590	13290	20020
20	10340	44320	39880	31510
21	39390	53180	16250	36270
22	16740	9850	21420	16000
23	9850	11820	12560	11410
24	23390	9850	10340	14530
25	10340	12310	13790	12150
26	25110	20190	16740	20680
27	5660	11570	19700	12310
28	20430	34960	15760	23720
29	11820	18220	11330	13790
30	38410	52190	37420	42670
31	56630	38410	17730	37590
M	19150	26950	20610	22240

Date	I	II	III	M
1	18220	14280	42840	25110
2	52190	21170	45300	39550
3	5420	7880	17230	10180
4	20190	19700	32010	23970
5	9850	13290	9850	11000
6	11330	6890	14770	11000
7	5660	16500	6890	9680
8	4430	9850	17730	10670
9	23640	26590	6650	18960
10	4430	10340	6400	7060
11	10590	12560	14770	12640
12	10340	11330	25600	15760
13	8860	16250	17730	14280
14	13790	7390	8860	10010
15	18710	8860	15760	14440
16	24130	27080	22650	24620
17	44810	28560	51700	41690
18	23140	31020	15510	23220
19	13290	9850	17230	13460
20	3450	12310	44810	20190
21	30040	15510	24620	23390
22	14770	10340	16740	13950
23	8860	13790	10830	11160
24	8620	5170	8120	7300
25	16740	25600	13050	18460
26	31020	33980	25110	30040
27	18710	27570	35450	27240
28	28310	60570	23640	37510
M	17270	18010	21140	18810

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Mars - March

1974

Avril - April

Date	I	II	III	M
1	24620	48750	17970	30450
2	27080	107340	17730	50720
3	8860	20430	12560	13950
4	14770	36440	13540	21580
5	9360	7390	8860	8540
6	11330	10340	17230	12970
7	9850	20680	20680	17070
8	18960	22400	22650	21340
9	18220	13290	17230	16250
10	12310	11820	10830	11650
11	14770	97500	21670	44650
12	16250	87650	26590	43500
13	20680	14280	67950	34300
14	26590	11330	40380	26100
15	28560	22160	19940	23550
16	21170	16250	14770	17400
17	20190	15760	16250	17400
18	24620	27080	19700	23800
19	10830	57610	41360	36600
20	16250	25600	33980	25280
21	15260	29540	31510	25440
22	4430	16250	14280	11650
23	16250	36440	14770	22490
24	3450	54660	8370	22160
25	17970	21670	11330	16990
26	27080	38410	67950	44480
27	9360	34960	35950	26760
28	41850	33730	15510	30360
29	21170	78050	29050	42760
30	36440	46750	23140	35450
31	9600	15760	12560	12640
M	18000	34850	23430	25430

Date	I	II	III	M
1	19200	41850	12310	24450
2	11330	48260	22160	27250
3	27330	71890	29050	42760
4	19700	18710	15260	17890
5	16740	15260	34470	22160
6	11820	12310	18960	14360
7	10340	10830	7880	9680
8	37420	32010	37180	35540
9	13790	82720	10830	35780
10	20680	67950	52190	46940
11	21670	91590	32500	48590
12	19700	13290	11330	14770
13	11080	53670	21670	28810
14	94790	65980	30530	63770
15	34220	7630	16000	19280
16	11820	18220	15760	15270
17	36680	8370	14280	19780
18	15020	4920	26590	15510
19	17730	65000	15760	32830
20	30530	24130	17970	24210
21	15760	60070	19200	31680
22	19200	73860	50220	47760
23	11080	19940	14030	15020
24	19700	14280	24620	19530
25	10830	24130	29050	21340
26	8860	6890	12310	9350
27	15760	23140	11330	16740
28	13290	10830	20680	14930
29	17230	13290	16500	15670
30	11820	60570	20190	30860
M	20840	35390	22030	26090

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Mai - May

1974

Juin - June

Date	I	II	III	M
1	8620	5170	12560	8780
2	11570	11330	13290	12060
3	27080	51210	9850	29380
4	7880	9850	19200	12310
5	5910	11330	11820	9690
6	4430	19700	7140	10420
7	6400	5910	11820	8040
8	10340	13540	13290	12390
9	13290	34470	67460	38410
10	24620	18220	23640	22160
11	15260	14280	15020	14850
12	9360	9360	12310	10340
13	9360	3940	11820	8370
14	24620	17730	26590	22980
15	12310	13290	16740	14110
16	9600	9850	14770	11410
17	8370	18710	9360	12150
18	21670	14280	16990	17650
19	13290	76810	8120	32740
20	26100	46290	13290	28560
21	31510	63030	14280	36270
22	16250	56130	17230	29870
23	18960	16250	15260	16820
24	10830	13790	15760	13460
25	18220	15760	6890	13620
26	3940	3450	3450	3610
27	9850	19700	13540	14360
28	6890	36440	10340	17890
29	17230	32010	7390	18880
30	15260	78290	19700	37750
31	19200	23140	8370	16900
M	14140	24620	15070	17940

Date	I	II	III	M
1	12310	13790	8860	11650
2	8370	24130	8370	13620
3	25360	17730	10830	17970
4	6400	25600	7390	13130
5	32010	(27570)	16500	(25360)
6	11820	25600	27570	21660
7	13790	10830	33980	19530
8	28560	31020	38900	32830
9	9600	10090	10830	10170
10	15260	9360	15760	13460
11	6890	9360	18220	11490
12	9850	20680	24130	18220
13	11330	7140	6890	8450
14	14770	9850	8860	11160
15	8370	8860	18220	11820
16	9360	10340	6400	8700
17	19700	29050	22400	23720
18	12310	13790	6400	10830
19	31020	10830	18220	20020
20	8370	13290	20930	14200
21	19700	36440	11820	22650
22	14770	22160	28560	21830
23	10830	27570	14770	17720
24	7390	6890	10830	8370
25	14770	48750	21170	28230
26	35450	53670	23390	37500
27	15020	10340	12800	12720
28	9850	17230	22160	16410
29	24620	49730	19200	31180
30	12310	14030	10590	12310
M	15340	20520	16830	17560

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Juillet - July

1974

Août - August

Date	I	II	III	M
1	10090	16250	38410	21580
2	8620	32500	23390	21500
3	75830	12560	15510	34630
4	9600	12310	16250	12720
5	14280	9850	18960	14360
6	19700	14280	11820	15270
7	10830	6890	17230	11650
8	9360	11820	7630	9600
9	12310	23140	14280	16580
10	12310	17230	16740	15430
11	12310	35450	11820	19860
12	31510	19200	15260	21990
13	16740	22650	15760	18380
14	5420	4920	24130	11490
15	13790	17230	21670	17560
16	14280	10340	12800	12470
17	9360	46290	16250	23970
18	7390	11820	7390	8870
19	7390	7390	5420	6730
20	5420	7880	13290	8860
21	5420	5910	9360	6900
22	5660	8620	7140	7140
23	14770	10340	10830	11980
24	16250	14770	14280	15100
25	9850	10830	15760	12150
26	12800	12310	6400	10500
27	14770	13290	13290	13780
28	3430	16250	13790	11160
29	7880	7880	15260	10340
30	17730	24620	21670	21340
31	13290	50230	14770	26100
M	13820	16610	15050	15160

Date	I	II	III	M
1	5910	17730	8620	10750
2	10340	10090	9850	10090
3	5910	21170	20190	15760
4	7630	24870	13050	15180
5	10830	6650	5910	7800
6	4430	10340	8860	7880
7	38900	56130	10340	35120
8	9600	63520	15260	29460
9	10830	18220	4430	11160
10	5420	10830	13790	10010
11	5910	16740	11330	11330
12	8860	12310	9360	10180
13	8370	41850	6400	18870
14	11330	34470	13540	19780
15	9850	13790	19200	14280
16	17230	11820	14770	14610
17	12310	17230	37910	22480
18	6400	7390	4430	6070
19	7390	20680	8370	12150
20	4430	11330	16250	10670
21	8860	11330	20190	13460
22	13290	14280	11330	12970
23	6400	10830	12310	9850
24	11330	11330	16740	13130
25	5910	6400	16740	9680
26	6400	11330	26100	14610
27	5420	6890	8860	7060
28	6400	4920	23140	11490
29	12800	19200	23140	18380
30	17730	9360	16740	14610
31	18710	33480	25600	25930
M	10170	18270	14600	14350

NOMBRE DE NOYAUX DE CONDENSATION
 PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
 PER 1 CU. CM OF AIR

Septembre - September

1974

Octobre - October

Date	I	II	III	M
1	7630	14280	13290	11730
2	7390	21670	13290	14120
3	7390	26100	12060	15180
4	11820	6650	11820	10100
5	20680	35450	22650	26260
6	14280	56130	8860	26420
7	9850	7390	22160	13130
8	5910	23640	19940	16500
9	18220	42350	20680	27080
10	16250	9360	9850	11820
11	14280	19700	44320	26100
12	13290	37910	19700	23630
13	16740	62040	24620	34470
14	19200	25110	11820	18710
15	9850	11820	24130	15270
16	11330	25600	17970	18300
17	11820	18710	16250	15590
18	9850	25110	23140	19370
19	12060	74840	17230	34710
20	23640	43580	11330	26180
21	9360	15760	54160	26430
22	8370	5420	6400	6730
23	18220	35950	19700	24620
24	12310	11570	18220	14030
25	20680	19200	11330	17070
26	9110	18220	34960	20760
27	13790	16740	13790	14770
28	26100	26590	27080	26590
29	11820	5910	8370	8700
30	6890	7390	13050	9110
M	13270	25010	19070	19120

Date	I	II	III	M
1	7390	10830	10830	9680
2	5420	13290	11330	10010
3	22400	11570	7880	13950
4	14770	5910	11080	10590
5	23640	11820	14280	16580
6	9360	11820	10090	10420
7	26100	20680	13290	20020
8	12310	13790	14770	13620
9	9360	12800	17230	13130
10	12560	12060	8370	10100
11	11820	16740	25360	17970
12	17970	11820	22650	17480
13	10340	20190	9850	13460
14	10340	32500	56130	32990
15	18220	21670	22160	20680
16	6400	8860	6890	7380
17	6400	7390	7630	7140
18	19200	20680	26100	21990
19	14280	17230	14530	15350
20	7390	11820	3200	7470
21	38410	18220	18220	24950
22	7880	6890	9850	8210
23	13790	33480	59580	35620
24	32500	10830	11570	18300
25	12310	16250	6890	11820
26	6890	14770	19700	13790
27	6890	3940	5420	5420
28	15760	13790	41360	23640
29	10340	6890	9360	8860
30	12310	10090	11820	11410
31	7880	10830	11570	10090
M	13890	14180	16740	14940

NOMBRE DE NOYAUX DE CONDENSATION
PAR 1 CM³ D'AIR

NUMBER OF CONDENSATION NUCLEI
PER 1 CU. CM OF AIR

Novembre - November

1974

Décembre - December

Date	I	II	III	M
1	10340	11080	13050	11490
2	15260	11080	10090	12140
3	5910	13790	6890	8860
4	9360	19200	12800	13790
5	7390	11820	10590	9930
6	7140	21670	19700	16170
7	10340	8370	37420	18710
8	32500	17730	22650	24290
9	37910	19200	20190	25770
10	3940	8370	9360	7220
11	7390	17230	13290	12640
12	23640	11820	21670	19040
13	13790	6400	59330	26510
14	21670	16740	22400	20270
15	12060	21670	13290	15670
16	32010	23640	13290	22980
17	14280	33480	26100	24620
18	14770	16740	18710	16740
19	29790	28070	6160	21340
20	9850	16740	24620	17070
21	16990	18710	39390	25030
22	33980	15510	10830	20110
23	82230	17730	16250	38740
24	5660	24620	8120	12800
25	11330	23640	13290	16090
26	20190	18220	27570	21990
27	10830	9850	9110	9930
28	5910	12800	14770	11160
29	5910	10830	9110	8620
30	10830	34470	9110	18140
M	17440	17370	17970	17590

Date	I	II	III	M
1	3450	5910	21170	10180
2	22650	12800	12310	15920
3	6890	29540	14280	16900
4	12310	22650	12310	15760
5	7880	9850	4590	7440
6	22160	17730	10830	16910
7	13290	32990	21170	22480
8	6650	6400	74900	29320
9	25600	30040	12800	22810
10	10830	13790	11080	11900
11	30040	25600	20190	25280
12	7630	11570	17230	12140
13	29050	33980	19200	27410
14	24620	11820	6400	14280
15	7880	10830	12310	10340
16	13790	30040	17230	20350
17	8860	9850	11330	10010
18	14280	9110	7390	10260
19	5170	7880	6890	6650
20	16740	11820	9850	12800
21	9360	12060	4920	8780
22	8860	21170	13290	14440
23	13290	22160	32990	22810
24	15260	7140	13290	11900
25	13290	14280	14030	13870
26	6890	13540	23640	14690
27	6400	24130	14770	15100
28	7880	13790	3940	8540
29	5170	5910	5910	5660
30	5420	10830	19700	11980
31	27080	41360	19940	29460
M	13180	17120	15800	15370

Janvier - January

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C						Tension de la vapeur Vapour pressure mb ₄				Humidité relative Relative humidity %				Vent-direction et vitesse Wind velocity and direction m/s										
					0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	0 ^h	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	
		6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	0 ^h	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M
1	116.4	118.5	120.5	118.5	0.7	0.8	1.5	-0.8	0.6	1.5	-0.9	2.4	-4.7	5.2	5.2	5.0	5.1	92	81	76	87	84	W	2	WSW	1	C	0	1.0
2	119.5	116.9	114.9	117.1	-2.2	-2.1	0.0	-2.1	-1.6	0.5	-3.7	4.2	-10.8	4.2	4.5	4.7	4.5	91	81	74	89	84	ESE	2	E	2	E	1	1.7
3	111.5	110.7	111.5	111.2	-4.1	-4.9	1.8	-1.4	-2.2	2.4	-5.4	7.8	-10.4	4.0	5.2	4.9	4.7	91	96	74	88	87	E	1	SSE	1	E	1	1.0
4	113.6	113.8	114.9	114.1	-2.0	-0.5	3.4	0.3	0.3	4.0	-2.9	6.9	-6.8	5.4	6.3	5.9	5.9	91	92	81	94	90	ESE	1	SSE	1	ESE	1	1.0
5	116.4	115.9	115.7	116.0	-1.1	-1.7	1.6	-0.3	-0.4	1.9	-2.5	4.4	-8.0	5.3	6.5	5.7	5.8	96	98	94	96	96	SSE	1	S	1	ESE	1	1.0
6	112.9	112.3	113.0	112.7	-0.9	-5.6	-6.2	-8.7	-5.4	-0.3	-8.8	8.5	-13.9	3.7	3.5	2.9	3.4	95	92	92	93	93	E	1	ESE	2	NE	1	1.3
7	115.1	115.1	115.8	115.3	-7.9	-10.4	-3.0	-6.2	-6.9	-2.8	-11.1	8.3	-15.4	2.5	2.8	3.3	2.9	90	90	57	86	81	ENE	1	E	1	E	2	1.3
8	113.6	113.7	114.6	114.0	-5.6	-3.9	-2.2	-3.3	-3.8	-2.0	-6.5	4.5	-8.9	3.9	4.0	3.8	3.9	89	85	76	79	82	E	3	ESE	3	ESE	2	2.7
9	114.4	113.7	114.1	114.1	-3.2	-3.1	0.0	-2.7	-2.2	0.2	-3.8	4.0	-6.8	3.6	4.1	3.9	3.9	78	74	67	78	74	SB	2	SSE	4	ESE	3	3.0
10	116.5	116.9	118.6	117.3	-5.2	-10.2	-6.5	-9.2	-7.8	-2.7	-10.5	7.8	-13.8	2.4	2.3	1.8	2.2	81	84	62	61	72	ESE	2	ESE	3	ESE	4	3.0
11	119.8	118.3	115.6	117.8	-10.9	-12.9	-7.9	-8.8	-10.1	-7.4	-13.1	5.7	-16.2	1.8	2.2	2.2	2.1	73	81	84	71	72	ESE	2	SE	2	SE	3	2.3
12	110.2	114.4	117.5	114.0	-7.9	-6.1	-4.2	-3.5	-5.4	-3.5	-9.0	5.5	-10.9	3.4	4.1	4.2	3.9	90	89	91	90	90	SE	2	SE	2	SSE	1	1.7
13	121.2	120.7	119.0	120.3	-3.3	-4.2	-4.0	-6.4	-4.5	-3.2	-6.4	3.2	-8.5	4.1	3.5	3.2	3.6	92	91	77	83	86	ESE	2	SE	3	SSE	3	2.7
14	116.5	115.8	115.4	115.9	-7.7	-7.4	-2.0	-2.9	-5.0	-1.6	-9.0	7.4	-13.9	2.8	3.1	2.9	2.9	71	79	58	58	66	SSE	3	SSE	3	SSE	2	2.7
15	115.9	113.1	110.7	113.2	-5.2	-8.4	-2.6	-4.2	-5.1	-2.5	-8.5	6.0	-10.9	1.8	2.3	2.5	2.2	57	57	46	56	54	SE	2	SSE	4	SSE	4	3.3
16	104.5	104.2	104.7	104.5	-4.1	0.7	5.2	0.1	0.5	5.3	-4.9	10.2	-	5.9	6.1	5.4	5.8	69	92	69	88	80	S	1	WSW	4	SSW	1	2.0
17	93.7	91.4	92.1	92.4	-1.2	-0.5	2.9	3.3	1.1	4.0	-1.9	5.9	-8.7	5.6	7.1	6.8	6.5	92	96	95	88	93	SSE	2	S	1	SSW	3	2.0
18	98.5	102.3	106.1	102.3	1.6	1.3	1.2	1.1	1.3	3.3	0.7	2.6	0.1	6.5	6.4	6.0	6.3	93	96	96	90	94	WNW	3	NW	1	NNW	1	1.7
19	102.2	98.0	98.7	99.0	0.4	0.1	4.6	5.0	2.5	5.2	-1.0	6.2	-3.8	6.0	8.3	8.6	7.6	91	98	98	98	96	SSW	2	W	2	W	2	2.0
20	101.3	103.9	106.8	104.0	3.5	1.7	4.4	1.3	2.7	5.0	0.9	4.1	-3.4	6.3	5.5	6.2	6.0	95	90	66	92	86	NW	2	NW	2	NW	2	2.0
21	110.7	111.7	111.5	111.3	-0.9	-3.5	2.1	1.6	-0.2	2.3	-4.1	6.4	-7.9	4.4	6.6	6.7	5.9	90	94	93	98	94	W	2	NNW	1	WSW	1	1.3
22	111.6	112.3	111.8	111.9	1.4	0.7	1.0	0.2	0.8	1.8	0.2	1.6	-0.2	5.8	5.3	5.7	5.6	97	90	81	92	90	NNW	1	SSW	1	SSW	1	1.0
23	109.6	109.0	109.6	109.4	-0.5	-0.5	0.5	0.0	-0.4	0.6	-0.6	1.2	-0.9	5.5	5.7	5.7	5.6	92	94	90	94	92	SSW	1	W	2	WSW	1	1.3
24	106.7	103.8	100.9	103.8	-0.2	-0.4	1.4	2.7	0.9	2.7	-0.3	3.0	-2.0	5.6	5.0	7.2	5.9	95	94	74	96	90	SSE	1	S	1	SSW	2	1.3
25	100.5	101.0	103.0	101.5	2.7	3.2	3.8	2.1	3.0	4.5	1.5	3.0	-0.8	7.4	7.5	6.7	7.2	97	97	93	95	96	SSW	2	WSW	1	WSW	1	1.3
26	107.3	107.2	106.4	107.0	2.3	1.6	3.8	2.9	2.6	3.9	0.6	3.3	-0.3	6.7	7.9	7.3	7.3	97	98	98	98	97	WSW	1	SW	1	SSW	1	1.0
27	104.6	103.5	103.9	104.0	1.7	-0.3	3.1	-0.5	1.0	4.1	-0.5	4.6	-3.3	5.8	7.1	5.8	6.2	96	98	93	98	96	SSE	1	C	0	SSR	1	0.7
28	105.2	106.2	107.9	106.4	0.4	0.4	2.0	2.0	1.2	2.4	-0.4	2.8	-3.3	6.2	6.9	7.1	6.7	99	98	98	100	99	SSE	1	SSW	1	W	1	1.0
29	108.6	107.8	107.5	107.9	-1.5	-1.5	4.0	1.3	0.6	4.1	-1.9	6.0	-4.8	5.4	6.5	5.8	5.9	99	98	80	87	91	SSE	1	SSE	3	SSE	3	2.3
30	112.8	114.6	115.8	114.4	0.2	0.7	3.2	1.4	1.4	3.4	-0.4	3.8	-2.4	6.0	7.0	6.8	6.6	89	94	91	100	94	SSE	1	SSE	1	SSE	1	1.0
31	113.2	111.0	109.4	111.2	0.1	-2.2	2.4	1.9	0.6	3.9	-2.4	6.3	-5.0	5.0	6.2	6.1	5.8	99	98	86	87	92	ESE	1	SE	1	SSE	1	1.0
M	110.5	110.2	110.5	110.4	-2.0	-2.6	0.5	-1.1	-1.3	1.3	-3.8	5.1	(-6.9)	4.8	5.3	5.2	5.1	89	90	80	87	86		1.6	1.8	1.7	1.7	1.7	1.7

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipita- tion Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	10	10	9	9.7	Sc	Sc	Sc	.	10	
2	10	7	0	5.7	Sc	Ci	.	.	10	
3	4	1	0	1.7	Ci	Ci	.	.	10	
4	10	9	9	9.3	St	Sc	Ac	0.0	10	$\underline{1}^n, \underline{0}^n_{-np}$ $\underline{0}^n_{-9}; \Delta^0 10-9^{20}; \omega^0 17^{40}-19^{10}$
5	10	10	10	10.0	Cs	Sc	St	0.0	10	$\underline{1}^n_{-10}; =n-np$
6	9	10	0	6.3	Cs	St	.	0.0	9	$\Delta^0 n, \Delta^0 a, \Delta^0 11^{32}-(14^{00}); =11^{50}-16, =16^{20}-np$
7	0	0	9	3.0	.	.	Sc	.	9	$\underline{1}^n_{-11}$
8	10	10	3	7.7	Sc	Sc	Cu,Ci	0.0	9	$\underline{1}^n_{-13}; \Delta^0 7^{45}-9^{31}$
9	1	2	0	1.0	Ci,Ce	Cu	.	.	9	$\underline{1}^n_{-6}; *0 7^{24}-7^{51}, *0 8^{42}-8^{07}$
10	0	0	0	0.0	.	.	.	0.0	9	
11	0	0	0	0.0	.	.	.	4.7	9	
12	10	10	10	10.0	Ns	St	St	0.1	15	$*0^{-1} n; \Delta^0 8^{12}-9^{39}, \Delta^0 10^{51}-10^{57}, \Delta^0 14^{23}-17^{13}$
13	10	0	0	3.3	As	.	.	0.0	15	$*0^0 n, *0 8^{54}-9^{06}, *0 9^{33}-9^{36}$
14	7	7	9	7.7	Ci,Cs	Ci,Cs,Ac	Ac,As	.	15	$\times^0 18^{40}-np$
15	5	8	10	7.7	Ci,Ce	Ci,Cs	As	5.2	15	$\bullet^0 2^{-4} 34; \sim^1 n_{-4}^{34}; =n-7^{20}$
16	8	6	0	4.7	Sc	Sc	.	5.5	13	$\bullet^0 1^{-5} n_{-6}^{45}, \bullet^0 8^{51}-9^{20}, \bullet^0 15^{15}-15^{33}, \bullet^0 16^{06}-16^{50}, \bullet^0 17^{27}-np; \sim^1 n_{-6}^{45}; =n-10^{30}$
17	10	9	8	9.0	Ns	Ac,As,Cu	Sc	1.7	10	$\bullet^0 9^{50}-11^{50}, \bullet^0 11^{55}-12^{50}, \bullet^0 13^{06}-16^{20}; \times^0 n, \times^0 10^{-7} 50;$ $\times^0 1^{-7} 50-9^{50}$
18	10	10	10	10.0	Ns	Ns	As	2.5	9	$\times^0 n; \bullet^0 n_{-11}^{15}, \bullet^0 12^{45}-21^{30}; \times^1 n_{-11}^{15}-11^{36}, \times^1 n_{-11}^{46}-12^{39}; =n-9, =11-p; =0^0 9-11$
19	2	5	0	2.3	Cu	Ci,Cs	.	.	7	
20	0	10	10	6.7	.	Sc	St	0.0	6	$\underline{0}^n_{-9}; =n-8^{20}, =13-16; \bullet^0 12^{40}-np$
21	10	10	10	10.0	St	St	St	0.0	4	$\times^0 n, \times^0 a, \times^0 p-16^{33}$
22	10	10	10	10.0	St	St	St	0.0	3	$\times^0 n_{-7}^{44}; \Delta^0 6^{14}-13^{35}; =13-16^{30}$
23	10	10	10	10.0	Sc	Ac	Ns	1.1	.	$\bullet^0 16^{28}-np$
24	10	10	10	10.0	Ns	Sc	Sc	3.5	.	$\bullet^1 n, \bullet^0 6^{14}-8^{34}, \bullet^0 1-10^{57}-11^{25}, \bullet^0 13^{24}-13^{56}, \bullet^0 14^{14}-14^{35}, \bullet^0 14^{47}-15^{06}; =n-11^{20}$
25	10	9	10	8.7	Ns	Sc	Sc	.	.	$\bullet^0 n; \bullet^0 n, \bullet^0 8^{14}-8^{17}, \bullet^0 9^{00}-10^{39}, \bullet^0 13^{26}-13^{34}; =0^0 n_{-9}^{30}; =9^{30}-np$
26	10	10	10	10.0	St	St	St	0.2	.	$=n-1^{20}; \bullet^0 1^{20}-35, \bullet^0 40-10^{35}, =1-2^{135}-9^{40}; \bullet^0 a-11^{35}; =0^0 17^{30}-np$
27	10	8	1	6.3	\equiv^2	Cs,Ci	Cu	.	.	$=6^{10}-7^{00}; =9^{40}-10^{30}, =18^{30}-np; =0^{-1} 7^{00}-9^{40}, =1-2^{10^{30}}-12^{45}, \equiv^{0-1} 12^{45}-15^{20}, \equiv^{0-1} 16^{35}-18^{30}, =2^{15^{20}}-16^{35}; \bullet^0 6^{53}-7^{44}, \bullet^0 10^{03}-10^{51}, \bullet^0 11^{07}-14^{43}$
28	10	10	9	9.7	Sc	\equiv^2	Sc	0.0	.	
29	0	1	10	3.7	.	Ci	Cs,Ci	0.1	.	$\underline{0}^n_{-9}^{30}; =14-np; \times^1 18^{45}-np.$
30	10	9	10	9.7	St	Sc	\equiv^2	0.0	.	$\times^0 n_{-8}^{18}-7^{48}, \times^0 8^{00}-8^{12}; =8^{20}-15^{30}, \equiv^0 15^{30}-16^{30}, =1-2^{16^{30}}-22^{30}$
31	0	9	10	6.3	.	Ac	As	.	.	$=n-8^{45}, =17-np; \underline{0}^n_{-8}$
M	7.0	7.1	6.4	6.8				31.8°		* Le total mens Monthly mean

Février - February

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

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								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	109.2	108.4	108.4	108.7	-0.9	-1.1	3.1	-1.1	0.0	4.4	-1.3	5.7	-3.4	5.6	6.6	5.4	5.9	92	100	66	96	94	SSE	1	SSE	1	SSE	1	1.0
2	109.8	109.1	109.1	109.3	-3.0	-2.8	4.9	-0.3	-0.3	5.6	-3.7	9.3	-5.8	4.7	6.7	5.8	5.7	95	95	78	98	92	C	0	SSE	1	ESE	1	0.7
3	107.9	106.2	104.4	106.2	-0.3	1.3	5.5	-0.5	1.5	6.4	-1.5	7.9	-3.8	6.6	7.2	5.8	6.5	98	98	80	98	94	SE	1	S	1	E	1	1.0
4	101.3	100.2	98.6	100.0	-0.4	0.4	2.4	1.9	1.1	2.7	-1.0	4.6	-3.5	6.2	6.7	7.0	6.6	98	98	93	100	97	SSE	1	SSE	1	NNW	1	1.0
5	95.4	93.7	90.0	93.0	1.7	0.5	0.5	0.7	0.8	2.2	0.3	1.9	0.0	6.3	6.3	6.3	6.3	100	100	100	98	100	N	1	NNE	1	E	1	1.0
6	79.2	71.7	67.2	72.7	0.4	0.3	4.9	3.7	2.3	6.0	-0.1	6.1	-1.0	6.1	7.1	7.6	6.9	98	98	82	95	93	SSE	2	SE	2	SSE	3	2.3
7	63.6	64.3	67.4	65.1	3.3	1.4	3.9	0.9	2.4	4.0	0.7	3.3	0.2	6.5	7.1	6.3	6.6	96	96	88	96	94	WSW	1	S	2	SSW	3	2.0
8	77.2	85.6	91.0	84.6	1.3	0.5	1.5	0.0	0.8	1.6	0.0	1.6	-1.5	5.7	5.0	5.4	5.4	88	90	74	88	85	WSW	4	WSW	4	WSW	3	3.7
9	92.4	90.2	91.9	91.5	0.4	-0.6	1.1	4.5	1.4	4.5	-1.5	6.0	-3.9	5.3	6.5	8.0	6.6	88	91	98	95	93	S	1	S	2	SSW	2	1.7
10	89.2	92.5	98.8	93.5	5.3	6.6	7.9	6.3	6.5	8.0	3.8	4.2	2.8	8.3	7.5	8.0	7.9	92	85	71	84	83	SW	4	W	7	W	2	4.3
11	99.0	95.2	92.3	95.5	1.9	1.1	10.1	5.6	4.7	10.9	0.6	10.3	-2.3	6.5	7.8	8.1	7.5	94	98	64	89	86	SSE	1	SSE	2	SSE	1	1.3
12	92.2	91.7	92.2	92.0	1.9	2.1	11.9	4.9	5.2	12.4	1.2	11.2	-1.5	6.6	7.0	8.0	7.2	92	93	50	92	82	SSB	2	SSW	2	SSE	1	1.7
13	94.4	94.0	93.7	94.0	1.4	0.2	10.1	6.2	4.5	10.6	-1.5	12.1	-3.3	6.1	8.1	8.0	7.4	95	98	66	85	86	SSE	1	SSE	1	ENE	2	1.3
14	95.1	96.1	97.3	96.2	3.6	2.9	7.4	3.9	4.4	8.9	2.5	6.4	0.3	6.6	7.4	7.1	7.0	86	88	72	88	84	SSE	1	SSE	1	SE	1	1.0
15	99.7	99.6	99.6	99.6	1.3	0.5	8.0	6.2	4.0	8.5	-0.6	9.1	-3.4	6.2	8.0	9.2	7.8	93	98	75	97	91	SSE	1	ESE	1	1.0		
16	98.8	98.5	99.7	99.0	3.6	2.2	4.1	2.5	3.1	6.5	2.1	4.4	-1.8	7.0	7.8	7.0	7.3	97	98	95	96	96	ESE	2	E	1	C	0	1.0
17	104.4	105.3	105.8	105.2	-0.8	-0.3	12.8	6.3	4.4	13.5	-1.3	14.8	-3.3	5.9	8.8	9.1	7.9	98	100	59	95	88	C	0	S	1	E	1	0.7
18	105.8	103.2	100.4	103.1	3.6	2.4	11.9	8.4	6.6	12.2	1.1	11.1	-2.8	7.1	8.7	8.3	8.0	96	98	62	75	83	SSE	1	SSE	2	SSE	1	1.3
19	98.7	98.3	98.8	98.6	5.5	4.5	6.0	4.3	5.1	8.4	4.3	4.1	3.0	8.3	9.1	8.2	8.5	92	98	97	98	96	SSE	1	NN	2	NN	2	1.3
20	102.8	108.9	110.2	106.6	2.4	0.3	1.4	-1.7	0.6	4.3	-1.7	6.0	-4.7	6.1	5.5	5.2	5.6	98	98	81	96	93	N	3	N	2	C	0	1.7
21	110.9	111.1	111.4	111.1	-1.5	-1.1	3.2	-1.5	-0.2	4.0	-1.9	5.9	-3.9	5.3	4.8	5.0	5.0	95	94	63	92	86	C	0	WSW	1	SSW	1	0.7
22	112.8	110.5	108.2	110.5	-0.4	-3.0	3.8	0.9	0.3	4.2	-3.4	7.6	-5.4	4.7	4.2	5.0	4.6	94	95	53	77	80	SE	1	SSE	3	SE	1	1.7
23	105.6	105.5	108.0	106.4	-0.4	1.0	3.2	1.1	1.2	3.6	-0.9	4.5	-3.4	5.7	5.8	5.5	5.7	88	87	76	83	84	SSE	2	ESE	2	ESE	2	2.0
24	112.4	113.3	114.3	113.3	0.0	0.2	2.2	1.4	1.0	2.2	-0.9	3.1	-3.8	5.7	4.9	5.9	5.5	91	92	68	87	84	C	0	ESE	1	N	1	0.7
25	114.7	116.4	118.9	116.7	0.2	-0.7	-0.4	-1.3	-0.6	1.4	-1.3	2.7	-1.8	5.6	4.6	4.6	4.9	96	97	78	82	88	ENE	1	ENE	3	NE	1	1.7
26	123.4	123.9	124.8	124.0	-2.0	-5.4	1.1	-2.1	-2.1	1.7	-5.5	7.2	-7.9	3.7	3.0	3.8	3.5	84	90	46	73	73	ENE	1	ENS	2	NE	1	1.3
27	126.3	125.7	125.6	125.9	-6.8	-7.9	3.2	-3.0	-3.6	3.4	-8.5	11.9	-11.9	3.1	2.6	3.0	2.9	92	93	34	62	70	NNE	1	ENE	2	E	1	1.3
28	123.1	120.1	118.1	120.4	-4.6	-5.3	4.4	-0.1	-1.4	4.6	-6.5	11.1	-11.3	2.9	2.1	3.2	2.7	70	70	25	52	54	E	2	ESE	4	E	2	2.7
M	101.6	101.3	101.6	101.5	0.6	0.0	5.0	2.1	1.9	6.0	-1.0	7.0	-3.2	5.9	6.3	6.4	6.2	93	94	72	88	67							

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipi- tation Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	8	5	0	4.3	Cs,Co	Ao	.	.	.	=n-9; =15-np; =n-8; =17-np
2	0	0	0	0.0	.	.	.	.	.	=n-9; =15-17; =17-np; =n-8-20
3	10	0	0	3.3	As	.	.	.	.	=n-9 ¹⁵ ; =16-17 ¹⁵ ; =17 ¹⁵ -np
4	10	10	10	10.0	Sc	St	Ns	13.0	.	=na-14 ²⁰ ; =14 ²⁰ -16; =18-17 ¹⁰ ; =0-17 ¹⁰ -np; =n-7; =9 ⁹ 40-11 ²⁴ ; =12 ²⁴ -13 ⁴⁰ ; =0-1 13 ⁴⁰ -np
5	10	10	10	10.0	Ns	Ns	=1	4.4	.	* 1 ⁿ ; * 0 ⁵ 00-5 ²⁰ ; * 0 ⁵ 55-7 ⁴⁵ ; * 0 ¹² 55-13 ¹⁰ ; * 0 ⁵ 20-8 ⁴⁵ ; * 0-17 ⁴⁵ -np; =n-14; =14-np
6	10	6	10	8.7	St	Cu,Ci	Ns	3.7	.	=na-9; * 10 ⁴⁵ -10 ⁵⁷ ; * 0-16 ⁴² -np
7	10	9	10	9.7	Ns	Ci,Cu	Ns	2.3	.	* 0-1 ⁿ -6 ¹² ; * 0-1 ⁿ 10-9 ³⁰ ; * 10 ⁰² -10 ⁴⁵ ; * 12 ⁵⁷ -13 ¹⁶ ; * 0 ⁸ 12-8 ²³ ; * 0 ⁸ 23-7 ⁰³ ; * 0-1 ⁿ 03-8 ¹⁰ ; * 0 ¹⁵ 01-np
8	10	10	1	7.0	Sc	Sc	Cu,Ci	0.6	.	* 0 ⁿ -8 ³⁵ ; * 0 ¹¹ 10-11 ²⁰ ; * 0 ¹¹ 55-12 ¹⁰ ; * 0 ¹² 55-13 ¹⁸ ; * 0 ¹⁶ 57-17 ⁴⁵ ; * 0 ⁿ np
9	10	10	10	10.0	Sc,As	Ns	St	5.4	.	* 0 ⁿ , * 0 ⁿ , * 0-1 ⁿ 10-13 ⁰³ ; * 0 ¹³ 03-15 ¹⁴ ; * 0-1 ⁿ np; =14-15 ³⁰
10	10	10	4	8.0	Sc	Sc	Ao,Cu	2.3	.	* 0-1 ⁿ , * 0-1 ⁿ 41-9 ⁵⁵ ; * 0 ¹³ 42-14 ⁰⁰ ; * 0 ¹⁸ 17-18 ²¹
11	10	6	1	5.7	As,Ao	Ci	Ci	.	.	=n-7 ³⁰ ; * 0 ¹² 30-p
12	6	1	0	2.3	Ci,Co	Ci	.	.	.	=n-7 ²⁰ ; =n-18-np; * 0 ⁵ 55-55
13	7	3	3	4.3	Ci,Cs	Ci,Cs	Ci	.	.	=n-8; =n-9 ¹⁰
14	9	2	0	3.7	Ao	Ao	.	.	.	=16 ³⁰ -np
15	10	0	10	6.7	As	.	As	.	.	=1 ⁿ na-6 ⁶⁰ ; =0 ⁶ 50-8; =8-10 ⁴⁰ ; =n-7 ³⁰
16	9	10	0	6.3	Ac,As	Ns	.	0.7	.	* 0 ⁶ 52-11 ⁰⁹ ; =7 ¹⁷ -13 ³⁰ ; =16 ³⁰ -17 ²⁵ ; =17 ²⁵ -18 ¹⁰ ; =18 ¹⁰ -np
17	10	0	0	3.3	=1	.	.	.	.	=0 ⁿ na-7 ⁴⁰ ; =7 ⁴⁰ -9 ⁵⁰ ; =17 ³⁰ -np; =n-8
18	7	3	8	6.0	Sc,Cu	Ac,Cs,Ci	Cu,As	0.4	.	=n-7 ³⁰ ; * 0 ¹⁹ 20-np
19	10	10	10	10.0	St	St	Ns	14.8	.	=n-17; * 0-1-n-9 ⁵⁰ ; * 0-1 ⁿ 42-np
20	10	7	9	8.7	Ns	Sc,Cu	Ac	0.0	1	* 0-1 ⁿ ; * 0 ⁴ 17-8 ²⁵ ; =19-np
21	10	7	3	6.7	Sc	Cu	Ao	.	.	=n, =16 ³⁰ -np
22	1	1	4	2.0	Ci	Ci	Ao	.	.	=n-8; =17-np; =n-8-20
23	9	10	10	9.7	Sc	Sc	Sc	.	.	=n-6 ²⁰
24	10	10	10	10.0	As	Cu,As	As	1.2	.	.
25	10	8	10	9.3	Ns	Cb,Cu	Sc	0.0	2	* 0-1 n-7 ⁰⁹ ; * 0 ⁷ 24-7 ⁴² ; * 0 ⁸ 24-10 ³⁰ ; * 0 ¹⁰ 39-np
26	0	0	0	0.0	.	.	.	.	.	* 0 ⁿ ; =n-7; =17-np
27	0	0	0	0.0	.	.	.	.	.	=n-8 ¹⁵ ; =18-np
28	0	0	0	0.0	.	.	.	.	.	=n-7 ³⁰
M	7.7	5.3	4.8	5.9				48.6*		* La total mens. Monthly mean

Mars - March

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

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						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	116.3	113.8	110.2	113.4	-1.2	-3.0	4.9	1.1	0.4	5.1	-3.7	8.8	-6.0	3.9	2.7	2.8	3.1	65	79	31	42	54	E	3	ESE	4	ESE	3	3.3
2	108.7	107.3	108.1	108.0	-0.8	-1.9	5.5	1.7	1.1	6.0	-1.9	7.9	-3.8	4.5	3.1	3.8	3.8	73	85	34	54	62	ESE	3	SE	4	ESE	3	3.3
3	110.7	111.7	113.1	111.8	-0.8	-2.7	5.4	2.6	1.1	6.0	-2.9	8.9	-5.3	4.1	4.1	3.8	4.0	77	82	46	52	64	E	3	ESE	5	E	2	3.3
4	116.5	116.0	116.1	116.2	0.8	-0.7	6.5	2.8	2.4	6.5	-1.4	7.9	-3.5	5.4	4.9	5.1	5.1	81	93	51	69	74	E	3	ESE	3	ESE	3	3.0
5	116.3	115.6	116.0	116.0	0.8	0.9	4.6	1.3	1.9	5.0	0.0	5.0	-1.8	4.7	4.6	4.3	4.5	74	71	54	65	66	ESE	5	ESE	5	ESE	5	5.0
6	116.6	116.0	117.5	116.7	1.4	0.3	4.2	2.9	2.2	5.0	0.0	5.0	-0.2	5.1	4.3	4.0	4.5	71	81	52	54	64	E	2	E	4	ENE	3	3.0
7	119.1	119.1	120.0	119.4	-0.1	-2.2	1.4	0.4	-0.1	2.9	-2.5	5.4	-3.7	4.8	4.7	4.3	4.6	74	93	70	69	76	ENE	3	ENE	3	ENE	3	3.0
8	120.5	118.9	119.4	119.6	-0.4	-2.5	3.9	0.3	0.3	4.5	-2.8	7.4	-4.8	3.9	3.8	3.7	3.8	69	77	47	59	63	ENE	3	E	4	NE	1	2.7
9	119.8	118.8	119.3	119.3	-1.5	-1.8	3.4	-0.1	0.0	4.2	-2.1	6.3	-4.7	3.6	3.4	3.5	3.5	66	67	44	58	59	ENE	3	E	4	ENE	1	2.7
10	119.7	120.9	121.0	120.5	-0.4	1.4	3.9	1.7	1.6	4.6	-1.1	5.7	-5.9	3.3	3.8	4.4	3.8	59	49	47	63	54	ENE	2	ESE	4	E	2	2.7
11	121.4	120.2	120.9	120.8	2.1	-0.2	9.1	5.3	4.1	9.8	-0.9	10.7	-2.7	4.9	3.7	3.8	4.1	71	82	32	43	57	ENE	2	E	3	E	1	2.0
12	120.7	117.8	115.6	118.0	2.3	0.4	9.4	1.6	3.4	10.3	0.2	10.1	-5.8	3.6	3.3	3.7	3.5	50	57	28	54	47	ENE	2	ESE	3	E	1	2.0
13	109.8	106.1	103.9	106.6	-2.4	-1.9	9.6	2.8	2.0	10.0	-4.2	14.2	-9.4	4.6	4.9	5.3	4.9	84	87	41	70	70	E	1	S	1	C	0	0.7
14	100.5	99.3	99.2	99.7	-1.2	0.5	8.1	0.8	2.0	8.4	-2.4	10.8	-6.3	5.6	6.3	5.7	5.9	84	88	58	88	80	SSE	1	SSW	2	S	1	1.3
15	99.9	99.3	100.1	99.8	2.0	2.7	8.7	4.9	4.8	8.9	-0.3	9.2	-4.8	6.5	7.3	7.1	7.0	88	88	65	82	81	ENE	1	N	1	N	1	1.0
16	96.6	92.6	90.3	93.2	3.6	3.6	11.9	9.0	7.0	12.7	3.0	9.7	2.2	7.6	5.4	5.5	6.2	96	97	39	48	70	NE	1	SSE	3	SE	3	2.3
17	88.7	89.2	90.0	89.3	6.9	4.4	7.7	6.8	6.4	9.2	2.7	6.5	0.5	7.3	8.6	8.9	8.3	55	87	82	90	78	S	2	SSW	2	SSW	1	1.7
18	92.8	92.1	89.6	91.5	4.6	4.5	12.4	9.0	7.6	13.0	2.5	10.5	-0.8	6.9	7.4	8.7	7.7	82	82	51	76	73	C	0	W	3	SSE	2	1.7
19	94.7	99.4	103.7	99.3	9.9	7.1	11.3	5.4	8.4	12.3	5.4	6.9	0.6	7.6	6.6	6.5	6.9	90	76	49	72	72	WNW	3	WSW	4	SW	1	2.7
20	108.6	105.8	104.9	106.4	0.9	5.9	15.5	12.8	8.8	16.8	0.0	16.8	-2.9	7.2	8.2	10.7	8.7	90	77	47	72	72	ESE	1	ESE	3	E	2	2.0
21	105.9	105.8	106.4	106.0	9.4	7.6	21.8	12.6	12.8	23.4	6.2	17.2	2.6	8.8	11.3	10.4	10.2	87	84	43	71	71	SSE	2	S	2	S	1	1.7
22	115.3	115.1	115.0	115.1	8.2	3.2	12.3	7.2	7.7	14.5	1.5	13.0	-2.1	7.2	8.1	7.8	7.7	80	93	56	77	76	N	1	NE	1	NNE	1	1.0
23	118.2	118.2	118.9	118.4	3.5	3.4	9.7	4.1	5.2	10.1	2.0	8.1	-1.3	6.9	6.4	6.2	6.5	90	88	53	75	76	ENE	2	ENE	4	ENE	2	2.7
24	121.3	120.5	120.7	120.8	0.7	0.8	9.0	3.8	3.6	9.6	-0.5	10.1	-3.2	5.2	5.1	5.4	5.2	86	81	45	67	70	E	2	ENE	4	E	2	2.7
25	120.2	117.1	115.3	117.5	0.1	-0.7	8.0	4.0	2.8	9.2	-1.9	11.1	-3.8	4.6	5.2	6.0	5.3	81	79	49	74	71	E	2	E	4	ENE	1	2.3
26	112.7	109.9	107.5	110.0	-1.1	-1.1	11.1	3.7	3.2	12.2	-5.2	17.4	-9.8	5.1	5.6	5.4	5.4	96	91	42	68	74	ENE	1	E	1	NNE	1	1.0
27	108.8	107.3	108.1	107.4	-1.8	-1.5	11.6	4.7	3.2	12.4	-4.5	16.9	-8.9	5.2	5.5	4.4	5.0	93	94	40	51	70	C	0	ENE	1	E	1	0.7
28	110.9	111.0	110.4	110.8	-0.2	3.1	11.2	6.4	5.1	11.8	-1.8	13.6	-6.3	4.9	4.6	5.4	5.0	82	64	35	56	59	E	2	ESE	3	E	1	2.0
29	110.6	109.3	109.8	109.9	2.3	3.5	14.5	10.1	7.6	15.5	0.9	14.6	-2.1	4.8	6.5	7.6	6.3	70	62	39	61	58	ESE	3	SE	3	ENE	1	2.3
30	111.7	111.4	112.6	111.9	5.9	7.2	16.8	11.8	10.4	17.5	4.9	12.6	1.7	7.0	8.3	6.9	7.4	68	69	44	50	58	ENE	1	SE	1	E	1	1.0
31	112.9	111.7	111.8	112.1	4.3	4.4	16.2	9.8	8.7	16.7	2.6	14.1	-1.3	5.7	5.8	6.6	6.0	82	68	31	55	59	ENE	1	E	3	E	1	1.7
M	111.1	110.2	110.2	110.5	1.9	1.4	9.3	4.9	4.4	10.1	-0.3	10.4	-3.3	5.5	5.6	5.7	5.6	78	80	47	64	67	2.0	3.0	1.7	2.2			

Mars - March

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Nébulosité Cloudiness				La forme des nuages Type of clouds			Préci- pitation Precipi- tation	Couche de neige Snow cover	Remarques Remarks	
	0-10	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	mm	cm	
1	0	0	0	0.0	.	.	.	.	.	.	—^o n-4 ³⁰
2	0	0	0	0.0	.	.	.	.	.	.	—^o n-7
3	0	0	10	3.3	.	.	.	Sc	.	.	— ^o n-6
4	0	1	0	0.3	.	Cu	.	.	.	.	—^o n
5	10	5	10	8.3	Sc	Cu	As	.	.	.	— ^o n-11-7 ⁴⁵
6	10	9	9	9.3	Ns, As	Ac	Sc	0.1-	.	.	* ^o 6 ¹¹ -7 ⁴⁵
7	10	10	10	10.0	Ns	As	As	0.5	1	.	* ^o 1-4 ³¹ -9
8	10	2	0	4.0	Sc	Cu	.	.	.	.	—^o n; ^o 0-1 ⁵⁴⁰ -9
9	3	9	0	4.0	Ci,Cs	Ci,Cs,Cu	.	.	.	.	—^o n-11-12 ³⁰
10	10	6	10	8.7	As	As,Cu	As	.	.	.	— ^o n-11-12 ³⁰
11	0	0	0	0.0	.	.	.	.	.	.	—^o n-11-12 ³⁰
12	9	9	0	6.0	Ci,Cs	Ci,Cs	.	.	.	.	—^o n-7
13	0	4	0	1.3	.	Cs	.	.	.	.	—^o n-9, =17-np
14	10	9	0	0.3	Sc	Sc	.	0.0	.	.	— ^o n, ^o 6 ³⁸ -8 ⁴⁵ , ^o 9 ⁰³ -10 ¹² , ^o 14 ⁴³ -np; =n-11 ⁴⁵
15	10	10	10	10.0	As,Ac	As	Ns	0.3	.	.	— ^o n
16	10	4	7	7.0	Sc	Ac,Ci	As,As	0.7	.	.	— ^o na, ^o 7 ³² -8 ³⁰ , ^o 8 ⁵⁰ ...12 ³⁶ , ^o 13 ¹⁹ -13 ³³ , ^o 1-13 ³⁶ -14 ⁰⁰ , ^o 17 ¹⁸ ...20 ⁰⁶ ; ^o 13 ³³ -13 ³⁶ ; =na-9; (^o R) ^o SW12 ⁴⁰ -R ^o 13 ³⁵ -13 ⁵⁰ -(^o R) ^o NE14 ⁰⁰
17	10	10	10	10.0	Ns	Ns	Sc	4.5	.	.	— ^o na, ^o 1-18 ³⁶ -19 ⁵⁴ , ^o 1-22 ³⁸ ...0 ⁴⁷
18	8	9	10	9.0	As,Ac	Cu,Cs	St	0.7	.	.	— ^o n-6 ³⁰
19	8	8	0	5.3	As,Ac	Ci,Cs,As,Cu	.	.	.	.	—^o n-7
20	10	7	2	6.3	Cs	Ci,Cs,Co,Cu	Ci	.	.	.	— ^o n-7
21	0	0	0	0.0	.	.	.	.	.	.	—^o n-6 ³⁰
22	0	3	0	1.0	.	Ci,Cs,Co	.	.	.	.	—^o n-7
23	3	6	0	3.0	Ac,Ci	Ac,Ci	.	.	.	.	—^o n-7
24	0	0	0	0.0	.	.	.	.	.	.	—^o n-6 ²⁵
25	2	9	9	6.7	Ci	Cs,Ci	As	.	.	.	— ^o n-15
26	0	3	0	1.0	.	Cs,Ci	.	.	.	.	—^o n-20
27	0	0	0	0.0	.	.	.	.	.	.	—^o n-7
28	0	2	0	0.7	.	Ci	.	.	.	.	—^o n-5 ³⁰
29	0	1	10	3.7	.	Ci	As,Cu	0.0	.	.	— ^o n-6 ²⁰
30	8	9	0	5.7	As	Cs,Ci	.	0.0	.	.	* ^o na, ^o 9 ⁴⁰ -9 ⁴¹ , ^o 14 ²⁷ -14 ⁴⁸
31	0	0	0	0.0	.	.	.	.	.	.	—^o n-6 ²⁰
31	4.5	4.7	3.5	4.2				6.8*			*Le total mens. Monthly mean

Avril - April

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C						Tension de la vapeur Vapour pressure mb			Humidité relative Relative humidity %			Vent-direction et vitesse Wind velocity and direction m/s												
	8 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	111.4	110.0	110.7	110.7	3.3	4.6	13.4	11.4	8.2	15.0	3.3	11.7	-2.4	5.6	5.5	4.8	5.3	76	67	36	35	54	E	3	ESE	4	E	3	3.3
2	113.1	113.0	114.0	113.4	6.8	4.8	13.0	7.8	8.1	13.6	2.8	10.8	1.2	5.2	4.7	5.1	5.0	48	61	31	48	47	ESE	4	ESE	5	ESE	3	4.0
3	114.5	113.2	113.0	113.6	2.8	3.3	14.9	7.5	7.1	15.2	0.1	15.1	-2.8	4.6	4.9	5.8	5.1	63	60	29	56	52	ESE	2	ESE	3	E	1	2.0
4	112.9	110.2	109.7	110.9	3.2	5.3	14.6	9.6	8.2	15.2	-1.0	16.2	-5.8	5.6	5.3	6.1	5.7	74	63	32	51	55	E	1	ESE	4	ENE	1	2.0
5	109.8	109.5	109.9	109.7	4.2	5.3	15.8	8.5	8.4	16.3	3.1	13.2	-2.5	6.7	5.9	7.9	6.8	76	75	33	72	64	N	1	ESE	4	C	0	1.7
6	111.0	109.8	108.6	109.8	0.7	3.5	13.6	9.4	6.8	14.5	-1.2	15.7	-4.3	7.0	7.2	8.4	7.5	99	90	46	71	76	N	1	N	3	C	0	1.3
7	106.4	105.9	106.7	106.3	3.3	4.7	13.8	8.2	7.5	14.7	0.3	14.4	-2.8	6.6	8.1	6.7	7.1	95	78	52	62	72	N	3	N	2	N	1	2.0
8	107.7	105.8	103.8	105.8	1.0	3.8	13.6	11.2	7.4	15.5	-2.7	18.2	-6.8	6.8	5.1	8.2	6.7	93	85	32	62	68	WNW	1	NW	3	NNW	2	2.0
9	102.3	100.3	100.0	100.9	5.5	5.8	19.1	11.3	10.4	19.5	0.4	19.1	-3.3	8.2	8.8	8.4	7.8	90	89	31	63	68	WSW	1	WNW	3	N	1	1.7
10	99.9	97.9	95.4	97.7	5.6	7.0	17.0	9.4	9.8	18.4	3.3	15.1	-0.7	6.7	7.5	7.8	7.3	81	87	39	66	63	E	1	E	1	C	0	0.7
11	91.8	88.2	86.3	88.8	3.6	9.4	22.5	16.5	13.0	23.3	3.9	19.4	-0.8	7.7	5.5	6.6	6.6	85	85	20	35	51	S	1	S	5	SSW	1	2.3
12	90.1	93.0	95.7	92.9	6.6	4.9	6.6	4.3	5.6	16.5	3.5	13.0	-1.2	7.3	7.0	5.0	6.4	64	84	72	60	70	NNB	2	N	2	NNE	2	2.0
13	103.1	104.1	105.6	104.3	-1.8	0.8	7.3	1.9	2.0	8.2	-3.9	12.1	-7.8	4.4	3.0	3.4	3.6	89	87	29	48	58	N	2	N	3	C	0	1.7
14	106.3	103.8	101.6	103.9	-4.4	2.2	8.9	2.4	2.3	9.4	-8.2	17.6	-12.1	3.1	2.9	3.7	3.2	70	44	25	51	48	SE	1	ESE	1	C	0	0.7
15	97.5	95.6	97.2	96.8	-4.5	1.1	9.3	5.6	2.9	10.4	-7.3	17.7	-11.2	3.2	1.9	4.1	3.1	82	48	16	45	48	E	1	ESE	2	C	0	1.0
16	100.1	101.5	103.5	101.7	-0.7	4.6	8.6	5.0	4.4	10.3	-2.7	13.0	-7.7	4.1	3.1	4.9	4.0	67	48	28	57	50	NE	1	NE	3	C	0	1.3
17	105.6	106.1	107.0	106.2	-0.8	2.6	8.4	4.5	3.7	9.6	-1.2	10.8	-4.9	5.7	5.2	6.2	5.7	81	77	47	74	70	N	1	E	1	C	0	0.7
18	108.5	107.3	106.1	107.3	-1.9	1.3	9.9	4.7	3.5	11.8	-3.1	14.9	-7.8	4.7	4.3	5.0	4.7	92	70	35	59	64	NNE	1	N	1	C	0	0.7
19	108.3	108.3	107.2	107.9	5.0	3.2	10.6	8.5	6.8	11.5	0.1	11.4	-3.4	5.3	3.4	4.4	4.4	65	69	27	40	50	N	2	NNW	3	N	1	2.0
20	100.4	101.4	102.3	101.4	6.1	7.9	6.8	6.1	6.7	9.4	4.9	4.5	2.3	6.1	7.9	6.7	6.9	54	58	80	72	66	WNW	4	NNW	2	C	0	2.0
21	102.8	101.5	101.3	101.9	-0.5	5.6	8.3	5.7	4.8	11.7	-2.0	13.7	-6.2	7.1	7.5	7.7	7.4	98	78	69	85	82	WNW	1	N	4	C	0	1.7
22	101.3	100.8	100.6	100.9	1.9	4.7	9.2	4.8	5.2	9.9	1.1	8.8	-2.7	7.2	6.0	8.2	7.1	96	84	51	95	82	NNW	2	NNW	3	WNW	1	2.0
23	101.3	100.3	100.5	100.7	1.9	4.1	9.9	6.8	5.7	10.2	0.7	9.5	-1.8	7.5	8.3	7.6	7.8	93	92	68	77	82	W	1	NW	1	WSW	2	1.3
24	100.5	100.5	101.7	100.9	0.7	5.4	8.3	4.0	4.6	9.1	0.1	9.0	-2.8	8.1	8.5	7.0	7.9	97	91	78	87	88	WSW	1	NNW	1	C	0	0.7
25	102.4	102.0	102.1	102.2	-0.5	4.1	10.9	7.2	5.4	11.7	-3.9	15.6	-4.7	6.6	6.5	7.0	6.7	96	80	50	69	74	NNE	1	N	2	NNE	1	1.3
26	100.0	99.1	98.7	99.3	2.4	3.7	6.5	6.1	4.7	11.0	-0.4	11.4	-2.1	6.0	8.1	7.8	7.2	74	75	84	80	78	NNE	1	ESE	3	NE	1	1.7
27	103.3	105.4	106.2	105.0	4.8	4.4	5.8	5.2	5.0	6.4	4.1	2.3	3.0	7.7	8.8	8.6	8.4	93	92	95	97	94	ENE	1	ENE	3	NNE	1	1.7
28	108.2	107.1	105.7	107.0	4.9	6.7	12.3	10.5	8.6	13.6	3.9	9.7	2.5	8.2	9.2	9.0	8.8	93	84	64	71	78	E	2	ESE	3	E	1	2.0
29	103.4	99.4	98.0	100.3	6.5	9.1	17.4	14.4	11.8	17.4	5.7	11.7	3.0	7.9	7.9	9.6	8.5	81	68	40	58	62	E	4	ES2	5	E	1	3.3
30	93.6	90.8	89.3	91.2	11.5	11.0	20.5	12.1	13.8	21.9	9.2	12.7	7.6	9.3	12.5	12.9	11.6	67	71	52	91	70	ESE	2	ESE	3	E	1	2.0
M	103.9	103.1	102.9	103.3	2.6	4.8	11.9	7.7	6.8	13.4	0.4	13.0	-3.0	6.3	6.3	6.8	6.5	81	73	46	65	66		1.7		2.8		0.8	1.8

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipi- tation Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	0	0	0	0.0	.	.	.	.	.
2	1	0	0	0.3	Ci	.	.	.	.
3	0	0	0	0.0	.	.	.	.	.
4	0	1	2	1.0	.	Cu	Ao	.	.	—n
5	9	8	8	8.3	Ao,As	Cb,Cu	Ao	.	.	=n-5 ⁵⁰ ; △n-6 ¹⁵
6	0	9 ^m	6	5.0	.	As	As,Cu	.	.	
7	2	9	6	5.7	Cu	Sc,Cu	Sc,Cu	.	.	
8	4	7	10	7.0	Ao,Ci	Ao,Cu,Ci	Cb	0.4	.	• 0 ¹⁷²⁷⁻¹⁸¹⁸ , • 0 ^{1829-np}
9	0	4	3	2.3	.	Cu,Ci,Cs	Cu	0.0	.	• 0 ¹⁵⁰³⁻¹⁵¹² , • 0 ¹⁵³²⁻¹⁶⁰⁸ , • 0 ^{1608...1628}
10	0	1	1	0.7	.	Cu	Ci	.	.	△n-6 ¹⁵
11	0	0	0	0.0	.	.	.	.	.	△n-6 ¹⁵
12	10	10	1	7.0	As	St	Cs	.	.	
13	0	4	0	1.3	.	Cu	.	.	.	—0-1n
14	0	1	2	1.0	.	Cu	Ci,Cs	.	.	—n
15	6	9	10	8.3	Ci,Cs,Ao	Cu,Ci	Cs,Cu	.	.	—1n-5
16	7	9	2	6.0	Ci,Ao	Cu,Ci,Cs	Ci,Cs	.	.	
17	6	9	1	5.3	Cu	Cb,Cu	Cu	0.4	.	• 0 ¹²¹⁰⁻¹²³⁰ , • 0 ¹³¹²⁻¹³³⁴ , • 0 ¹⁴³²⁻¹⁵⁰⁶ , • 0 ¹⁶²⁷⁻¹⁶³⁸
18	0	7	1	2.7	.	Cu	Cu	.	.	—1n-5 ³⁰
19	8	9	10	9.0	Cu	Ci,Cs	As	.	.	⊕ ^{1a-1420}
20	9	10	9	9.3	Sc	Sc,Cb	Sc	0.4	.	• 0 ⁹²⁴⁻¹¹²⁵
21	7	10	6	7.7	Ao,Ci	Sc,Cb,Cu	Sc,Cu,Ao	0.5	.	• 0 ^{na} , • 0 ¹⁰²⁴⁻¹⁰⁴⁶ , • 0 ¹¹⁵⁸⁻¹²⁰⁹ , • 0 ¹⁶⁰¹⁻¹⁶³⁶ , • 0 ^{np}
22	10	10	6	8.7	Sc	Sc	Ao,Cu	2.9	.	• 0 ¹¹²²³⁻¹⁵⁴⁷
23	10	9	10	9.7	Ns,As	Sc,Cb	Sc,As	0.8	.	• 0 ^{1na-1121} , • 0 ¹²⁴⁸⁻¹⁴²² , • 0 ¹⁵²⁴⁻¹⁵⁴⁵
24	9	9	10	9.3	Ac,As	Cu,Cb	Cs,Ao	0.3	.	• 0 ^{na} , • 0 ⁷⁻⁷⁵⁰ , • 0 ⁸¹²⁻⁸⁴⁸ , • 0 ⁸³⁵⁻⁸⁵⁰ , • 0 ⁸⁵⁸⁻⁹¹⁵ , • 0 ¹⁰³⁵⁻¹⁰⁵⁰ , • 0 ¹³⁴²⁻¹³⁵⁰
25	4	8	8	6.7	Ao	Cu	Cu	.	.	—n
26	9	10	10	9.7	Ci,Cs,Ao	As	Ns	3.9	.	• 0 ¹¹⁰⁴³⁻¹⁵⁴⁰ , • 0 ¹⁶¹²⁻¹⁷²⁸
27	10	10	10	10.0	Ns	Ns	Ns	2.3	.	• 0 ¹ⁿ⁻¹⁷³⁴ , • 0 ^{npi=1615-np}
28	9	8	10	9.0	Sc	Sc,Cu	Cs	.	.	W ¹⁸⁰⁵⁻²²³⁰
29	6	5	10	7.0	Cs	Cs,Cu	Ns	0.2	.	• 0 ¹⁵³³⁻¹⁸¹⁹ , • 0 ^{1834-np}
30	9	8	9	8.7	Ac,As	Cu,Cs	Ac,As	10.4	.	(R) 0 ^{SSW1332-1343-1357} ; (R) 0 ^{N1410} ; (R) 1 ^{S1417-1455} ; (R) 1 ^{K1518} , (R) 1 ^{N1518-NE-SSE1548} ; • 0 ¹³⁵¹⁻¹⁴²⁴ , • 0 ¹⁴²⁴⁻¹⁴³² , • 0 ²¹⁴³²⁻¹⁵²⁰ , • 0 ¹⁵²⁰⁻¹⁷¹³ , • 0 ¹⁸¹²⁻¹⁹²⁸
M	4.8	6.5	5.4	5.6				22.5*		*Le total mens. Monthly mean

Mai - May

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

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	87.0	86.6	87.8	87.1	11.4	12.4	16.9	11.0	12.9	18.4	9.2	0.2	6.1	10.5	9.8	11.5	10.6	91	73	51	87	76	E	1	ESE	3	ESE	1	1.7
2	88.0	86.2	89.2	88.5	7.2	10.0	14.3	12.3	11.0	15.0	6.4	0.6	4.6	10.7	10.8	11.8	11.1	93	87	67	82	82	NNE	1	ENE	3	C	0	1.3
3	81.7	92.1	93.5	92.4	8.6	9.8	17.3	13.0	12.2	17.9	7.1	10.8	4.1	11.8	11.9	12.7	12.1	97	97	60	85	85	NNW	1	NNW	3	W	1	1.7
4	94.2	92.7	91.3	92.7	7.3	7.5	20.1	15.9	12.7	21.4	5.2	16.2	3.5	10.4	12.2	12.1	11.6	97	100	52	67	79	SSE	2	SSE	3	E	1	2.0
5	90.6	89.8	91.0	90.5	10.4	12.9	17.9	12.8	13.5	20.4	5.2	15.2	4.1	12.0	12.5	13.7	12.7	93	80	61	93	82	E	1	SSE	5	ENE	1	2.3
6	90.1	90.2	91.2	90.5	9.4	10.6	15.3	10.7	11.5	16.0	9.1	6.9	6.7	12.3	12.4	11.2	12.0	94	96	72	87	87	NNB	1	NNW	2	NNW	2	1.7
7	93.5	96.0	97.6	95.7	7.5	6.1	6.3	5.2	6.3	10.7	5.2	5.5	4.6	9.1	8.8	8.6	8.8	93	97	92	97	95	WSW	3	W	3	WSW	2	2.7
8	99.9	102.4	103.0	101.8	3.9	3.5	5.6	5.0	4.5	7.4	2.3	5.1	2.2	7.6	8.2	7.9	7.9	97	97	91	90	94	W	3	WNW	3	W	1	2.3
9	102.3	102.2	101.8	102.1	4.3	4.3	5.7	5.4	4.9	6.4	4.0	2.4	3.8	7.5	7.1	7.6	7.4	84	90	77	84	84	WNW	2	WNW	1	NW	1	1.3
10	101.6	102.6	102.5	102.2	4.8	4.4	5.7	6.4	5.3	7.2	4.2	3.0	3.6	7.5	8.0	8.7	8.1	91	90	88	91	90	NW	1	W	1	C	0	0.7
11	103.9	102.5	103.2	103.2	5.6	7.8	15.8	11.2	10.1	16.0	4.8	11.2	4.3	9.2	9.3	9.9	9.5	93	87	52	74	76	E	2	E	2	NNE	1	1.7
12	106.6	107.6	110.9	108.4	6.3	10.1	17.2	13.7	11.8	17.7	4.2	13.5	1.2	9.7	7.7	9.8	9.1	94	78	39	63	68	ENE	2	ENE	3	NNE	1	2.0
13	114.1	113.6	112.4	113.4	7.5	10.4	17.1	14.4	12.4	18.5	4.3	14.2	1.1	10.2	8.3	10.1	9.5	93	81	42	62	70	NNE	1	NE	1	NNE	1	1.0
14	110.6	106.5	104.6	107.2	8.9	12.8	17.9	14.7	13.6	19.2	6.8	12.4	2.8	8.1	9.2	9.4	8.9	83	55	45	56	60	E	2	ESE	3	ENE	1	2.0
15	104.2	103.9	104.0	104.0	9.3	10.9	17.1	14.3	12.9	17.7	8.1	9.6	7.1	8.3	7.3	9.0	8.2	71	63	37	55	56	ENE	2	ENE	2	N	1	1.7
16	104.1	102.7	102.8	103.2	11.7	9.8	15.4	14.8	12.9	16.5	6.2	7.3	7.5	8.2	7.7	10.8	8.9	60	69	44	64	59	NNE	1	NE	3	NNE	2	2.0
17	106.3	107.9	109.5	107.9	10.3	12.2	17.2	13.8	13.4	17.9	8.1	9.8	6.0	8.9	10.2	9.7	9.6	77	63	52	62	64	NE	3	NNE	4	N	1	2.7
18	113.6	111.9	109.8	111.7	7.4	13.0	21.6	18.7	15.2	23.0	4.6	18.4	1.7	10.2	9.4	9.7	9.8	95	68	36	45	61	N	1	N	3	NW	2	2.0
19	109.7	105.7	104.0	106.5	9.8	13.6	24.0	20.9	17.1	25.5	6.7	18.8	3.5	9.6	9.5	7.8	9.0	74	62	32	32	50	NNW	1	W	5	NNW	2	2.7
20	104.5	103.9	103.2	103.9	7.9	12.5	19.1	14.6	13.5	20.9	5.7	15.2	1.7	8.4	5.4	6.9	6.9	87	58	24	41	52	N	2	WNW	4	C	0	2.0
21	103.3	101.8	102.2	102.4	2.2	11.3	18.5	10.6	10.6	19.5	0.6	18.9	-1.8	6.7	7.7	11.6	8.7	95	50	36	91	68	S	1	WNW	3	C	0	1.3
22	98.4	92.6	91.3	93.4	8.6	10.9	11.4	12.5	10.8	17.0	6.7	10.3	3.7	11.2	10.7	11.1	11.0	95	86	79	77	84	WSW	1	N	3	N	1	1.7
23	90.7	90.0	90.3	90.3	7.5	9.2	13.5	9.5	9.9	14.8	7.7	7.1	5.1	11.3	12.3	11.2	11.6	97	97	80	95	92	NNW	1	W	3	NNW	1	1.7
24	92.2	92.5	95.0	93.2	8.2	9.5	17.2	12.4	11.8	18.0	8.1	9.9	7.2	10.8	7.5	9.1	9.1	98	91	38	63	72	NW	1	NNW	3	NNW	1	1.7
25	97.7	100.0	99.3	99.0	4.2	8.1	14.8	11.1	9.5	16.0	3.0	13.0	-0.3	7.7	7.3	8.7	7.9	98	71	44	66	70	NW	2	NW	3	NNW	2	2.3
26	99.0	98.7	97.1	98.3	6.8	9.8	12.7	11.0	10.1	14.0	6.2	7.8	3.6	11.8	11.1	10.2	11.0	100	97	76	78	88	SW	1	WSW	4	WSW	4	3.0
27	95.8	97.0	96.9	96.6	11.4	11.7	13.5	12.8	12.4	14.9	10.1	4.8	9.0	11.1	11.0	12.0	11.4	97	81	71	82	82	WSW	4	WST	4	WSW	1	3.0
28	95.3	94.6	94.3	94.7	11.0	13.9	20.8	13.8	14.9	21.8	10.1	11.7	7.4	12.3	15.2	14.7	14.1	95	78	62	93	82	WSW	2	WNW	2	SSE	1	1.7
29	94.4	83.6	97.3	95.1	10.2	14.2	22.4	14.0	15.2	23.0	9.3	13.7	8.5	14.0	14.1	14.5	14.2	99	87	52	91	82	S	2	WNW	2	C	0	1.3
30	103.5	104.2	105.1	104.3	10.4	12.4	16.7	12.8	13.1	17.1	9.3	7.8	8.4	11.4	7.6	7.7	8.9	95	79	40	52	66	WSW	2	WSW	4	W	1	2.3
31	107.0	104.8	103.1	105.0	2.7	13.9	16.8	13.2	11.6	18.4	1.1	17.3	-1.8	7.7	9.5	14.3	10.5	97	49	50	94	72	ESE	2	ESE	3	N	1	2.0
M	99.7	99.3	99.5	99.5	7.8	10.3	15.7	12.3	11.5	17.0	6.2	10.8	4.1	9.9	9.7	10.5	10.0	91	79	56	74	75		1.7		2.9		1.1	1.9

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipi- tation Precipita- tion	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	2	10	8	6.7	Ci	Cs	Ac,As	0.8	.	$\oplus^0_{n-13}10$; $\oplus^0_{13}46-1757$
2	10	10	10	10.0	As,Ac	Cu,As	Sa	1.5	.	\bullet^0_n , $\bullet^0_{n-10}02$; $\bullet^0_{11}49...1545$, $\bullet^0_{18}47-np$
3	10	8	7	8.3	Sc	Cu	Ci,Sa,Cs	2.2	.	$\bullet^0_{n-5}34$, $\bullet^0_{-1}1251-1328$, $\bullet^0_{13}28-1335$, $\bullet^0_{13}35-1347$; $=1330-14$, $=1720-1840$
4	10	3	2	5.0	\equiv^2	Cu	Ac	.	.	$\equiv^2_{n-6}50$, $\equiv^1_{-6}50-715$ $=715-730$; $=730-820$
5	9	9	10	9.3	Sc	Cs,Ci	Ns	4.8	.	$\Delta^0_{-1}n-7$; (\mathcal{R}) $^0_{NNE}1047-N-NW1113$; $\bullet^0_{-1}1105-1119$, $\bullet^0_{14}00-1408$, $\bullet^0_{16}47-1713$, $\bullet^0_{-2}1713-np$; $\oplus^1_{14}30-1510$
6	10	7	10	9.0	Ns	Sc,Cu	Ns,As	0.1	.	$\bullet^0_{18}21-np$
7	10	10	10	10.0	Ns	Ns	Ns	10.7	.	$\bullet^0_{n-6}24$, $\bullet^0_{-1}735$
8	10	10	10	10.0	Ns	Ns	Ns	0.8	.	$\bullet^0_{-1}n-1040$, $\bullet^0_{10}58...np$
9	10	10	10	10.0	Ns	As,Cu	As,Ac	0.2	.	\bullet^0_n , $\bullet^0_{14}18...np$
10	10	10	10	10.0	St	St	Sa	.	.	\bullet^0_n
11	10	7	0	5.7	Sc	Cu	.	.	.	
12	0	3	6	3.0	.	Cu	Ci,Cs	.	.	Δ^0_{n-7}
13	4	4	3	3.7	Ci	Cu	Ac	.	.	$\Delta^0_{n-6}20$
14	0	6	7	4.3	.	Cu,Ci	Ci,Ac	.	.	
15	9	8	10	9.0	Sc,As	Cs,Cc,Ci,Cu	As	0.1	.	
16	10	10	10	10.0	Ns	Sc,As	As,Cu	0.1	.	$\bullet^0_{na-6}44$, $\bullet^0_{10}38-1053$, $\bullet^0_{11}04-1110$, $\bullet^0_{15}13-1557$
17	6	6	9	7.0	Ci	As,Ac	Ac,As	0.0	.	$\bullet^0_{15}18-1848$
18	0	7	1	2.7	.	Cu,Cs	Ci,Ac	.	.	
19	0	9	6	5.0	.	Ci,Cu	Ac,Cc,Ci	.	.	
20	2	7	9	6.0	Ci	Ci	Ci,Cs	.	.	
21	9	9	6	8.0	Ci,Cs	As,Cu	Sa,As	1.1	.	$\oplus^0_{-1}n-950$; $\bullet^0_{-1}1547-1743$; $=1845-np$
22	8	10	3	7.0	Sc	Cb,Cu	Ac	3.1	.	$\bullet^0_{-1}n$, $\bullet^0_{-1}1155-1227$; (\mathcal{R}) $^0_{WNW}1032$
23	10	5	10	8.3	Ns	Cu,Cb	As,Cb	5.6	.	$\bullet^0_{-1}n-1129$, $\bullet^0_{-1}1601-1745$; (\mathcal{R}) $^0_{WSW}1701-1713$
24	9	3	3	5.0	Ac	Cu,Ac	Cu	0.0	.	\bullet^0_n , $\bullet^0_{10}25-1028$
25	8	9	10	9.0	Cu	Sc,Ci	As,As	3.0	.	$\bullet^0_{18}02-1905$
26	10	10	10	10.0	Sc	Sc	Ns	1.1	.	$\bullet^0_{-1}n-521$, $\bullet^0_{-1}923-1009$, $\bullet^0_{18}13...np$
27	10	9	10	9.7	Ns	Sc,As	Cb	0.3	.	\bullet^0_n , $\bullet^0_{10}12-1015$, $\bullet^0_{11}35...1236$, $\bullet^0_{14}02-1406$, $\bullet^0_{-1}1752-1841$
28	4	5	9	6.0	Ac,Cu	Cu,Ci,Cs,Ac	Ci,Cs	1.7	.	$\oplus^0_{9}12-1045$; $\bullet^0_{-1}1559-1634$; (\mathcal{R}) $^0_{S15}14-R^0_{16}05-1626$ SE; $=1652-1843$
29	10	8	10	9.3	Cs,Cc	Cu,Cu,Cs	Sa	4.0	.	$\bullet^0_{-1}1221-1226$, $\bullet^0_{14}02-1414$, $\bullet^0_{14}35-1448$, $\bullet^0_{-1}1725-np$; (\mathcal{R}) $^0_{S10}46-SE1136$, (\mathcal{R}) $^0_{11}56-W-R^0_{E12}20$; (\mathcal{R}) $^0_{S13}00-SE1418$
30	2	3	1	2.0	Cu,Ac	Cu	Cu	.	.	
31	7	10	10	9.0	Ci	Cb,So	Cb	19.6	.	(\mathcal{R}) $^0_{SSW}1007$, (\mathcal{R}) $^0_{S18}01-1840$; $L^0_{20}26-2047W$; $\bullet^0_{11}19$, $\bullet^0_{14}19-1421$, $\bullet^0_{-1}1520-np$
II	7.1	7.6	7.4	7.4				60.8 ^K		^K Le total mens. Monthly mean

Juin - June

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C								Tension de la vapeur Vapour pressure mb				Humidité relative Relative humidity %				Vent-direction et vitesse Wind velocity and direction m/s								
					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	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	102.5	103.9	106.1	104.2	11.3	12.5	18.3	16.0	14.5	19.1	11.2	7.9	10.9	12.6	12.2	11.7	12.2	95	87	58	64	76	ENE	1	NE	3	NE	1	1.7
2	110.1	110.4	110.5	110.3	12.7	12.2	19.2	16.5	15.2	20.8	10.7	10.1	9.5	9.6	10.0	10.6	10.1	73	67	45	57	60	N	1	N	1	C	0	0.7
3	109.5	107.3	105.7	107.5	6.3	15.5	23.1	16.9	15.4	23.9	4.8	19.1	2.3	12.5	13.5	17.3	14.4	97	71	48	90	76	SSW	1	SSW	3	WNW	2	2.0
4	107.4	107.1	106.5	107.0	13.3	12.6	18.9	13.2	14.0	17.8	11.1	6.7	9.8	12.4	9.4	9.4	10.4	92	85	49	62	72	WSW	3	W	4	WSW	2	3.0
5	106.7	106.6	105.5	105.9	7.7	13.4	16.7	14.2	13.0	18.4	7.1	11.3	4.1	10.2	7.8	10.6	9.5	93	67	40	65	66	W	3	WNW	3	C	0	2.0
6	103.9	100.7	98.7	101.1	4.8	13.4	21.3	18.5	14.5	22.4	3.7	18.7	0.2	10.6	9.8	13.0	11.1	99	69	39	61	67	SE	1	S	3	S	1	1.7
7	97.4	97.9	99.5	98.3	13.5	14.1	14.5	13.1	13.8	18.5	13.1	5.4	11.1	15.4	11.4	11.5	12.8	94	65	69	76	84	SSW	1	S	5	WSW	1	2.3
8	103.5	103.2	101.7	102.8	9.0	11.8	13.2	11.4	11.4	16.4	6.6	9.8	3.6	10.0	8.8	11.0	9.9	82	73	58	82	74	WSW	2	WSW	3	S	1	2.0
9	97.1	95.2	94.9	95.7	7.0	13.3	14.8	12.2	11.8	16.1	6.1	10.0	3.6	10.8	11.8	13.3	12.0	95	71	70	94	82	SSE	2	SSE	3	S	2	2.3
10	98.6	98.4	97.6	98.2	9.4	10.7	14.9	13.5	12.1	15.5	8.7	6.8	7.5	10.4	10.7	12.0	11.0	87	81	63	77	77	W	1	SSW	1	C	0	0.7
11	95.6	95.3	95.6	95.5	9.8	10.2	11.0	10.4	10.4	13.5	9.8	3.7	8.5	12.1	12.6	12.0	12.2	99	97	96	95	97	N	1	N	2	NNW	1	1.3
12	92.4	91.1	90.7	91.4	9.7	8.8	9.8	11.4	9.9	11.4	8.4	3.0	8.0	10.9	12.0	13.3	12.1	94	96	99	99	97	NW	3	NW	3	NNW	2	2.7
13	91.5	93.2	94.3	93.0	13.2	17.9	17.7	15.9	16.2	18.2	10.7	7.5	9.5	14.8	17.2	16.5	16.2	95	72	85	91	86	NE	3	NNE	3	NNE	2	2.7
14	96.8	98.6	99.2	98.2	13.1	15.3	16.3	15.7	15.1	18.4	12.4	6.0	10.5	13.1	14.0	13.9	13.7	94	76	75	78	81	E	2	NNE	2	N	1	1.7
15	101.3	101.0	100.8	101.0	9.5	15.5	20.1	16.7	15.4	21.0	9.0	12.0	4.3	13.3	12.2	15.1	13.5	96	76	52	80	76	NE	1	ENB	1	C	0	0.7
16	100.6	100.1	98.4	99.7	10.1	14.6	18.7	17.9	15.3	21.5	9.1	12.4	6.6	14.6	14.3	15.9	14.9	94	88	66	77	81	NNW	1	NW	2	NNW	1	1.3
17	98.2	95.0	97.0	96.1	14.2	16.6	21.7	15.3	17.0	23.1	13.6	9.5	11.7	16.4	14.6	16.4	15.8	96	87	56	94	83	NNW	2	NNW	2	C	0	1.3
18	98.9	98.6	99.0	98.8	10.0	16.9	20.8	17.5	16.3	22.2	8.2	14.0	5.1	14.0	11.1	14.5	13.2	97	73	45	73	72	NE	1	SSW	1	C	0	0.7
19	101.1	101.6	103.3	102.0	9.1	17.8	20.1	14.8	15.4	23.3	9.0	15.3	5.1	14.8	15.5	16.1	15.5	98	73	66	96	83	WSW	1	W	4	WSW	1	2.0
20	102.6	102.6	102.0	102.4	12.7	12.2	14.6	15.3	13.7	18.0	11.1	6.9	9.5	12.7	14.6	12.4	13.2	95	89	88	72	86	W	2	NW	3	WSW	2	2.3
21	102.7	102.3	103.2	102.7	10.1	13.3	19.2	16.3	14.7	20.6	8.1	12.5	5.5	12.5	11.8	14.2	12.8	99	82	53	76	78	S	2	SW	2	WSW	1	1.7
22	103.4	102.3	101.3	102.3	11.0	15.2	22.3	17.3	16.4	22.6	9.6	13.0	6.6	13.6	13.2	13.9	13.6	98	79	49	70	74	S	1	S	2	S	1	1.3
23	100.2	98.2	96.8	98.4	11.8	16.0	23.5	15.5	16.7	24.3	11.2	13.1	8.4	13.8	12.0	16.5	14.1	93	76	42	94	76	S	1	S	2	C	0	1.0
24	95.0	94.0	94.2	94.4	13.8	14.9	19.3	14.8	15.7	19.8	11.2	8.6	8.8	16.4	14.2	15.0	15.2	95	97	63	89	86	W	2	WSW	2	W	1	1.7
25	94.8	95.0	94.3	94.7	14.0	13.2	22.2	19.7	17.3	22.6	13.2	9.4	12.6	14.6	12.7	14.1	13.8	95	96	47	61	75	NNW	3	NNW	4	W	1	2.7
26	94.2	93.9	92.2	93.4	12.4	19.5	24.9	22.4	19.8	26.6	11.3	15.3	8.2	15.4	14.3	18.2	16.0	94	68	45	67	68	WSW	2	WSW	3	C	0	1.7
27	89.1	88.4	85.6	87.7	15.5	19.5	20.8	17.4	18.3	22.4	15.2	7.2	12.0	17.2	18.4	18.8	18.1	92	76	75	95	84	S	1	S	1	WSW	3	1.7
28	86.6	88.2	89.5	88.1	13.9	16.9	18.1	18.1	16.5	21.2	13.7	7.5	11.4	17.5	18.9	15.5	17.3	95	97	91	75	90	WSW	1	WSW	1	W	1	1.0
29	93.3	92.8	93.4	93.2	12.2	13.5	20.5	17.3	15.9	21.5	12.1	9.4	10.4	13.2	11.6	14.3	13.0	96	85	48	72	75	W	1	W	2	C	0	1.0
30	96.7	97.6	98.8	97.7	10.6	16.5	19.2	17.0	15.8	20.5	9.5	10.7	7.0	12.2	11.1	12.3	11.9	95	65	50	64	68	WNW	1	N	1	N	1	1.0
M	99.0	98.6	98.5	98.7	11.1	14.4	18.5	15.7	14.9	20.1	10.0	10.1	7.7	13.3	12.7	14.0	13.3	94	60	61	78	78	1.6	2.4	1.0	1.7			

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Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Préci- pitation Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	10	9	10	9.7	Sc	Sc	Ac, As, Sc	.	.	(R) ⁰ n
2	10	9	2	7.0	As, Ac	Cu, Ci	Cu, Ci	.	.	0 ¹⁰ 18-11 ¹⁰
3	4	6	9	6.3	Ci	Ac	Sc, Cb	0.7	.	0 ⁿ -7, 0 ¹⁴ 18-14 ²¹ , 0 ¹⁻¹⁷ 39-18 ²⁴ ; (R) ⁰ W17 ⁴⁰ -S-SSE18 ²⁰
4	10	7	7	8.0	Sc	Cu, Ci	Cu, Ac	.	.	0 ⁰ n
5	3	8	2	4.3	Cu	Cu	Ac	.	.	
6	0	1	10	3.7	.	Cu, Ci	Sc	3.7	.	
7	10	10	9	9.7	St	As, Cb, Cu	As, Cu	0.4	.	
8	1	9	6	5.3	Cu	As, Cu, Cb	Ci, Cs	0.3	.	0 ⁰ n; 0 ¹⁻¹⁷ 45-np 0 ¹ n, 0 ¹¹ 55-11 ⁵⁹ , 0 ¹⁻¹² 14-12 ²⁶ , 0 ¹³ 34-13 ³⁵ ; =n-8 ³⁰ ;
9	9	10	10	9.7	Cs	As, Cu	Sc, Cb	3.4	.	(R) ⁰ NNW12 ³⁴ -S-SSE12 ¹⁶
10	10	10	8	9.3	Sc, As	Sc, Cu, As	Ac, Cs, Ci	11.9	.	0 ⁰ n; 0 ¹² 00-12 ¹⁸ , 0 ¹⁴ 41-15 ¹⁴ , 0 ¹⁵ 29-15 ³⁶ ; (R) ⁰ NW14 ²⁷ -R ¹ 14 ³⁹ - -15 ⁰¹ ; (R) ⁰ ENB15 ⁰⁸ , (R) ⁰ SSW12 ⁰⁰
11	10	10	10	10.0	Ns	Ns	Ns	7.0	.	0 ⁰ n-8 ⁴⁰ ; 0 ⁹ 02...13 ²⁰ , 0 ¹⁻¹⁴ 21..18 ⁵⁴ , 0 ¹⁶ 54-16 ⁵⁸ , 0 ¹⁻¹⁶ 58- -17 ¹³ , 0 ⁰ np; (R) ⁰ SSS16 ²⁹ -[R] ⁰ 16 ³¹ -16 ⁴⁴ ; (R) ⁰ NNE16 ⁴⁷
12	10	10	10	10.0	Ns	Ns	Ns	19.2	.	0 ¹² 24-12 ³⁹ , 0 ¹² 39-12 ⁵⁰ , 0 ¹² 50-13 ²⁹ , 0 ⁰ np
13	8	10	10	9.3	Ac	Cu, As	Sc	10.4	.	0 ⁰ -2n-18 ⁴² , 0 ¹⁸ 58-np 0 ¹ n-14 ²¹ , 0 ¹⁻¹⁵ 55-17 ¹⁵ , 0 ¹⁻¹⁷ 42...np; =17-np; (R) ⁰ SSW16 ⁴⁹ - -SSE-NE17 ¹⁹
14	3	9	10	7.3	Cu	Sc	Cs, Ac	0.1	.	0 ⁰ n, 0 ¹⁰ 15-10 ²¹ , 0 ¹⁰ 45-10 ⁴⁹
15	3	7	4	4.7	Ac, Cu	Cu	Cu, Ci	0.0	.	0 ⁰ na, 0 ¹³ 47-13 ⁴⁸ ; 0 ¹⁸ 35-np
16	1	9	7	5.7	Ci	Cu, Ac, Ci, Cs	Cu, Ac, Ci	3.8	.	0 ⁰ n-7 ³⁰ ; 0 ¹¹ 43...14 ²³ , 0 ¹⁻²¹ 02
17	9	7	2	6.0	Sc	Cu, Cb, Ck	Cb, Ci	5.8	.	0 ⁰ n, 0 ¹¹ 17...11 ⁴⁰ , 0 ² 14 ¹⁷ -15 ²³ , 0 ¹⁵ 48-16 ¹⁰ ; (R) ⁰ WSW11 ⁵⁸ -S- -SSE12 ³⁴ ; (R) ⁰ SSW13 ⁴³ -[R] ⁰ 14 ²² -14 ³⁴ ; (R) ⁰ SK14 ⁴⁷ ; (R) ⁰ W16 ¹⁴ -16 ⁴⁶ , =17 ⁵⁰ -np
18	0	6	2	2.7	.	Cu, Ci	Cu, Ci	.	.	0 ¹⁸ 05-np
19	0	8	10	6.0	.	Ac, Cu, Ci	As	3.6	.	0 ¹ n-8 ²⁰ ; 0 ⁰ 15 ⁴² -np
20	10	10	4	8.0	Sc	Cb	Ci, Cu, Ac	9.9	.	0 ⁰ n, 0 ⁵ 58-6 ⁰³ , 0 ⁶ 10-6 ²⁰ , 0 ² 10 ⁰³ -12 ³² , 0 ¹⁸ 34-15 ⁴¹
21	8	7	9	8.0	Cs, Ci	Cu	Ac, Cu	0.5	.	0 ¹³ 25-13 ⁴³ , 0 ¹⁵ 01-15 ²⁸
22	10	7	8	8.3	Sc, Ci, Co	Cu, Cb	Ac, As	0.0	.	(R) ⁰ NNW12 ⁰³ -W-WSW13 ²¹ ; 0 ¹² 28-12 ⁴⁴
23	4	1	10	5.0	Ci, Cs	Cu	Cs, Cu, Ac	4.9	.	0 ¹ n-8 ²⁰ ; 0 ¹⁻² 15 ²⁶ -16 ¹¹ , 0 ¹⁶ 11-17 ²³ ; =17-np
24	10	6	8	8.0	Cu, Cb	Cu	Sc, Ac	2.0	.	0 ¹⁻⁴⁵ -5 ⁴⁰ , 0 ¹⁴ 18-15 ⁵⁴ , 0 ¹ np; (R) ⁰ NNE4 ⁴⁷ -R ¹ 08-5 ²⁶ -(R) ¹ S5, (R) ⁰ NNW14 ⁶⁵ -W-WSW15 ²¹
25	10	6	7	7.7	Ns	Cu	Ac, Cu	.	.	0 ¹ n-5 ⁵⁹
26	0	5	2	2.3	.	Cu	Ci	.	.	0 ⁰ n-8
27	9	9	10	9.3	Ac, As	Ac, As	Cb	15.0	.	0 ⁰ 46...7 ³⁸ , 0 ¹¹ 37-11 ⁴⁹ , 0 ¹² 03-12 ¹⁸ , 0 ¹³ 34-13 ⁴⁰ , 0 ² 14 ⁵⁶ - -18 ¹⁶ ; (R) ⁰ SW14 ⁴⁰ -W-NNW17 ⁰³ , R ⁰ 17 ¹¹
28	10	6	8	8.0	Ns	Sc, Cu	Ac, Ci	3.6	.	0 ⁰ 12 ²³ -8 ⁵⁰ , 0 ¹ 11 ⁰⁸ -11 ²⁵
29	10	4	8	7.3	Sc	Cu	Ac	0.0	.	0 ⁰ 52-8 ⁵⁸
30	0	9	6	5.0	.	Sc	Ac	0.0	.	0 ² n; 0 ⁹ 56-10 ¹²
M	6.4	7.5	7.3	7.1				106.2*		* Le total mens. Monthly mean

Juillet - July

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C						Tension de la vapeur Vapour pressure mb				Humidité relative Relative humidity %				Vent-direction et vitesse Wind velocity and direction m/s							
	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M
1	99.5	97.9	95.6	97.7	7.8	15.9	21.7	19.6	16.2	23.7	6.6	17.1	3.6	12.7	12.7	15.7	13.7	96	70	49	69	71	S	1	SSW	1 C 0 0.7
2	95.3	96.3	99.9	97.2	14.9	13.2	17.2	16.2	15.4	19.6	12.6	7.0	11.4	12.7	14.0	15.2	14.0	95	84	71	82	83	WSW	3	W	3 NW 2 2.7
3	102.8	99.5	95.6	99.3	13.5	15.4	21.3	19.4	17.4	22.1	10.6	11.5	7.8	13.1	11.8	17.9	14.3	83	75	47	79	71	SW	2	WSW	4 C 0 2.0
4	91.6	94.9	98.8	95.1	15.1	13.9	14.3	14.8	14.5	19.4	13.4	8.0	12.6	15.3	15.4	12.8	14.5	92	97	94	76	90	SSW	1	WSW	3 W 2 2.0
5	99.8	98.8	101.0	100.2	9.6	14.0	16.3	16.3	14.0	19.0	8.2	10.8	5.2	11.9	14.0	14.3	13.4	97	75	75	77	81	SSW	2	WSW	3 SSW 1 2.0
6	100.2	97.7	95.8	97.9	13.4	14.2	20.1	16.2	16.0	20.7	13.5	7.2	11.3	15.8	16.9	17.4	16.7	100	98	72	95	91	S	1	SSW	2 SSW 1 1.3
7	96.5	97.3	97.1	97.0	13.0	12.6	12.4	11.2	12.3	16.2	11.2	5.0	11.5	13.0	12.4'	13.0	12.8	98	89	86	97	92	WSW	4	WSW	7 SSW 1 4.0
8	98.0	98.2	99.1	98.4	11.8	11.7	11.9	13.2	12.2	16.2	10.3	5.9	8.4	12.7	12.9	13.8	13.1	97	93	93	91	94	WSW	4	WSW	3 WSW 2 3.0
9	99.3	98.1	98.1	97.8	13.0	12.9	19.5	17.2	15.6	21.5	12.5	9.0	10.8	14.3	13.8	12.7	13.6	95	98	61	65	79	WSW	2	WSW	4 WSW 2 2.7
10	94.8	96.2	97.9	96.3	8.7	16.1	18.5	15.2	14.6	19.6	8.1	11.5	5.1	13.9	14.3	13.4	13.9	99	76	67	78	80	WSW	2	WSW	2 W 1 1.7
11	98.9	98.7	98.2	98.6	11.7	13.4	20.6	14.5	15.0	20.7	11.4	9.3	9.1	13.8	12.4	15.2	13.8	95	90	51	92	82	WSW	2	WSW	2 SSW 1 1.7
12	99.7	100.3	101.6	100.5	13.6	13.8	18.6	15.7	15.4	19.3	12.1	7.2	9.8	13.6	12.7	13.0	13.1	94	86	59	73	78	WSW	1	WSW	2 WSW 1 1.3
13	103.6	102.4	100.9	102.3	8.0	14.4	21.7	19.5	15.9	23.1	8.0	15.1	5.3	13.5	12.1	17.0	14.2	97	82	47	75	75	SW	1	SW	1 C 0 0.7
14	98.3	98.4	98.2	98.3	16.6	20.7	27.2	22.7	21.8	28.2	16.7	11.5	13.9	19.5	23.0	23.3	21.9	76	80	64	84	76	S	1	S	2 C 0 1.0
15	104.5	106.0	106.1	105.5	17.0	14.3	20.6	18.6	17.6	22.8	14.3	8.5	13.9	15.7	14.5	17.9	16.0	94	97	60	84	84	W	1	WSW	3 C 0 1.3
16	106.7	105.0	103.5	105.1	12.4	16.9	24.5	21.2	18.8	25.1	11.9	13.2	8.0	15.7	13.4	15.6	16.0	98	82	44	62	72	SSE	1	SSE	3 SE 1 1.7
17	100.3	98.5	97.5	98.8	15.4	19.7	25.7	22.1	20.7	27.4	13.8	13.6	9.9	16.2	19.5	20.4	18.7	83	71	59	77	72	SE	2	SE	1 2.0
18	96.1	96.2	95.1	95.8	17.5	16.7	19.5	19.1	18.2	22.1	16.5	5.6	15.0	18.0	19.9	20.2	19.4	94	95	88	91	92	WNW	1	WNW	1 NNW 1 1.0
19	93.5	98.3	101.1	97.6	16.6	12.7	13.5	13.6	14.1	19.1	12.7	6.4	11.9	14.3	13.7	13.6	13.9	96	98	88	87	92	W	3	WSW	3 WSW 2 2.7
20	98.1	98.5	98.5	98.4	10.1	13.4	13.5	13.6	12.6	14.0	9.8	4.2	7.9	13.6	14.6	15.0	14.4	96	88	94	97	94	SSW	3	WSW	2 C 0 1.7
21	98.6	99.7	99.8	99.4	13.0	13.1	15.2	16.5	14.4	17.7	12.3	5.4	11.41	14.2	16.3	17.0	15.8	97	94	94	91	94	WNW	1	WSW	1 C 0 0.7
22	101.3	101.3	100.9	101.2	14.3	14.6	20.2	18.9	17.0	21.9	12.7	9.2	10.5	13.0	14.6	14.1	13.9	90	78	62	85	74	NNW	2	NNW	2 NNW 2 2.0
23	101.1	100.1	99.0	100.1	15.2	14.7	21.8	20.5	18.0	23.5	13.9	9.6	13.1	14.0	18.7	19.3	17.3	86	84	72	80	80	C	0	NNW	1 C 0 0.3
24	98.3	98.0	98.2	97.5	13.3	16.8	23.6	20.4	18.5	24.3	11.7	12.6	9.0	17.0	17.2	19.8	18.0	97	89	59	83	82	WSW	1	W	1 C 0 0.7
25	94.3	96.7	99.0	96.7	16.4	14.9	15.9	13.7	15.2	20.4	13.6	6.8	11.1	16.2	13.2	12.8	14.1	94	96	73	82	86	WSW	1	WSW	2 SW 1 1.3
26	102.4	102.9	103.8	103.0	10.4	10.8	16.1	14.0	12.8	18.0	9.3	8.7	6.2	11.3	11.3	11.1	11.2	94	87	62	69	78	SSW	2	WSW	3 WSW 1 2.0
27	103.5	102.5	102.9	103.0	9.2	14.1	21.8	14.3	14.8	22.6	8.4	14.2	5.2	11.8	13.2	15.4	13.5	98	74	50	94	79	SSW	2	SSW	3 C 0 1.7
28	104.4	104.9	105.4	104.9	12.3	15.3	23.1	19.1	17.4	23.5	12.1	11.4	10.1	15.9	14.1	18.1	16.0	97	91	50	82	80	S	1	WSW	3 C 0 1.3
29	105.8	103.1	103.1	104.0	13.2	17.0	22.7	18.9	18.0	23.8	12.0	11.8	9.1	16.0	15.2	15.3	15.5	96	83	55	70	76	S	1	WSW	3 WSW 1 1.7
30	103.9	101.4	101.6	102.3	13.1	15.4	21.6	16.8	16.7	23.0	11.5	11.5	8.5	13.6	14.7	17.0	15.1	94	78	57	89	80	WSW	1	W	2 C 0 1.0
31	102.5	101.7	99.9	101.4	11.2	15.8	22.5	19.1	17.2	22.7	10.7	12.0	8.5	14.4	15.0	18.5	16.0	96	80	55	84	79	W	1	W	2 C 0 1.0
M	99.8	99.7	99.7	99.7	12.9	14.8	19.5	17.2	16.1	21.3	11.7	9.6	9.5	14.4	14.8	16.0	15.1	94	86	66	81	82		1.7	2.5	0.8 1.7

Juillet - July

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Préci- pitation Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	0	8	9	5.7	.	Sc	Sc,Ac,Cs,Ci	17.0	.	$\Delta^1 n-6^{15}$; $\circ^0 20^{47}-21^{22}$, $\circ^1-2 21^{22}-np$; (R) $^0 W 20^{54}-R^0 21^{35}-22^{12}$ - $-(R)^0 ESE np$
2	10	10	9	9.7	Sc	Sc	Ac,Cu	1.1	.	$\circ^0 2_n$, $\circ^0 17^{43}...5^{47}$, $\circ^0 12^{42}-12^{47}$, $\circ^0 12^{53}-12^{59}$, $\circ^0 16^{28}-16^{45}$
3	0	7	10	5.7	.	Co,Ci,Cu	Sc	0.9	.	$\Delta^1 n-6^{20}$
4	10	10	3	7.7	Sc	Cb	Cu	5.2	.	$\circ^0 1_n$, $\circ^0 7^{01}-7^{16}$, $\circ^0 7^{49}-11^{04}$, $\circ^1-2 11^{42}-12^{12}$, $\circ^0 2^{25}-15^{01}$, $\circ^0 15^{22}-15^{30}$
5	8	6	1	5.0	Cs,Ci,Ac	Cu	Ci,Co,Cu	2.9	.	$\circ^0 7^{00}-8^{17}$, $\circ^0 1-10^{36}$
6	10	10	10	10.0	Ac,As	As,Cb	As,Ac	8.1	.	$\circ^0 n$, $\circ^0 9^{57}$, $\circ^0 10^{25}$, $\circ^0 2-12^{18}-14^{36}$, $\circ^0 1-16^{38}-17^{28}$, (R) $^0 WSW 11^{58}-R^0 12^{13}-12^{48}$ - $(R)^0 ENS 13^{38}$
7	10	10	10	10.0	As	As,Cu	As,Cb	7.7	.	$\circ^0 n$, $\circ^0 9^{54}-10^{03}$, $\circ^0 10^{24}-11^{51}$, $\circ^0 1-13^{32}-np$
8	10	10	8	9.3	Sc	As,Ac,Cb	Cu,Ac	5.4	.	$\circ^0 5^{57}-6^{16}$, $\circ^0 8^{47}-9^{18}$, $\circ^0 2-11^{15}-12^{22}$, $\circ^0 13^{28}...15^{25}$; (R) $^0 WSW 10^{58}$
9	10	9	1	6.7	Sc	Sc,Cu	Ci,Cs	.	.	$\circ^0 1_n$
10	2	9	6	5.7	Ci,Ao	Ao,As	Ao,Cu	1.9	.	$\Delta^0 n-6^{24}$; $\circ^0 1-12^{50}-13^{35}$, $\circ^0 13^{51}-14^{06}$
11	10	6	10	8.7	As,Sc	Cu	Sc	6.8	.	$\circ^0 1_n$, $\circ^0 16^{12}-17^{20}$, $\circ^0 1-18^{17}-np$
12	7	8	3	6.0	Sc,Ao	Sc,Cu	Ac,Cu,Cs	.	.	$\circ^0 1_n$
13	2	7	10	6.3	Ac	Cu,Cs	Sc	0.0	.	$\Delta^0 n-7$
14	8	7	8	7.7	Ac	Ac,Cu	Ac,Sc,Cu	23.9	.	$\circ^0 na$, $\circ^0 2-19^{25}-np$; (R) $^0 ESE 19^{21}-R^2 19^{56}-20^{15}$ - $(R)^0 NE 20^{31}$
15	10	4	0	4.7	Sc	Cu	.	0.0	.	$(R)^0 n$; $\circ^0 2_n$, $\circ^0 8^{38}-8^{55}$; $\Delta^0 18^{26}-np$
16	0	3	3	2.0	.	Cu	Ci	.	.	$\Delta^0 n-6^{30}$
17	1	8	10	6.3	Ci	As,Ci,Cu	As,Ac	0.6	.	$\circ^0 18^{05}-18^{15}$
18	10	10	10	10.0	Ns	Ns	Ns	10.2	.	$\circ^0 1-n-7^{30}$, $\circ^0 1-17^{16}-17^{48}$
19	10	10	10	10.0	Ns	Sc	Sc	0.5	.	$\circ^0 1-n-7^{42}$, $\circ^0 6^{05}-10^{40}$, $\circ^0 18^{07}-18^{14}$
20	10	10	10	10.0	Sc	Sc	St	1.1	.	$\circ^0 8^{14}...13^{06}$, $\circ^0 20^{43}-21^{06}$, $\circ^0 12^{36}-14^{45}$; $=17^{50}-np$
21	10	10	10	10.0	St	Ns	Ac,Sc	2.2	.	$=n-14^{20}$; $\circ^0 6^{51}-7^{03}$; $\circ^0 1-8^{57}-12^{18}$, $\circ^0 13^{08}-13^{20}$; $=18^{20}-np$
22	2	9	9	6.7	Ci	Ac,Cu	Ac,Ci,Cs	.	.	
23	10	10	9	9.7	Sc	Sc	Ac,As	.	.	
24	9	9	8	8.7	As	Cu,Ci	Ci,Cs,Ac	2.6	.	$\Delta^0 n-6^{50}$, $\circ^0 18^{23}-np$; $=18^{56}-np$
25	10	10	6	8.7	Sc	Sc	Ac,Cu	0.0	.	$\circ^0 1-na-6^{28}$, $\circ^0 15^{49}-16^{31}$
26	10	9	1	6.7	Sc	Cu,Ac	Cu	0.0	.	$\circ^0 10^{34}-10^{38}$, $\circ^0 12^{17}-12^{19}$, $\circ^0 19^{38}-16^{45}$
27	8	6	10	8.0	As,Ac,Cu	Sc,Cu	As,Cu	7.5	.	$\circ^0 1-14^{12}-14^{48}$, $\circ^0 16^{08}-16^{42}$, $\circ^0 1-16^{51}-17^{27}$; (R) $^0 ESE 16^{15}-S-WSW 17^{45}$; $=18^{45}-np$
28	8	5	10	7.7	As,Ac	Cu	Cs,Cu	.	.	$\Delta^0 n-7^{15}$
29	9	9	1	6.3	Ac,As	Sc,As	Cs	.	.	$\circ^0 1-15^{44}-15^{50}$; $=18^{15}-np$
30	10	9	6	8.3	Sc	As,Ac	Ac,Cs,Ci	0.3	.	$\circ^0 17^{28}-18^{05}$, $\circ^0 1-18^{05}-18^{33}$, $\circ^0 19^{32}-19^{44}$, $\circ^0 20^{12}-20^{28}$
31	1	10	10	7.0	Ac	Ci,Cs,Ac,Cu	Cb	4.6	.	
M	7.3	8.3	7.1	7.6				110.5*		* Le total mens. Monthly mean

Août - August

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C						Tension de la vapeur Vapour pressure mb				Humidité relative Relative humidity %				Vent-direction et vitesse Wind velocity and direction m/s										
					0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	0 ^h	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	0 ^h	6 ^h	12 ^h	18 ^h	M					0 ^h	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M		
1	102.8	102.7	100.9	102.1	14.6	15.6	24.7	22.3	19.3	26.5	13.3	10.2	12.4	16.6	17.6	21.8	18.7	96	94	57	81	82	WSW	1	WNW	1	C	0	0.7
2	101.9	102.9	103.7	102.8	15.9	19.5	25.7	20.6	20.4	26.1	15.8	10.3	14.0	20.1	17.7	19.8	19.2	97	89	54	82	80	W	2	WSW	2	WSW	1	1.7
3	108.9	108.2	108.8	108.0	13.7	14.8	22.5	18.8	17.4	23.5	12.9	10.6	10.8	16.6	15.8	18.0	16.8	96	99	58	83	84	SSE	1	WNW	2	C	0	1.0
4	108.7	107.1	104.0	106.6	13.1	18.1	27.6	23.8	20.6	28.2	13.3	14.9	10.6	17.1	17.8	19.2	18.0	95	82	48	65	72	ESE	1	E	1	E	1	1.0
5	100.0	100.6	100.0	100.2	20.9	18.6	20.5	19.9	20.0	23.8	18.2	5.6	17.0	20.6	19.9	18.5	19.7	86	96	83	80	86	C	0	SW	3	WSW	3	2.0
6	101.5	105.9	107.8	105.1	15.7	13.2	20.2	15.9	16.2	21.4	13.1	8.3	12.5	14.5	11.8	14.6	13.6	93	95	50	81	80	SW	2	NNW	3	C	0	1.7
7	107.2	105.0	103.4	105.2	8.8	15.2	20.8	15.5	15.1	21.6	7.2	14.3	4.6	14.3	11.5	13.5	13.1	94	83	47	77	75	SSW	1	WSW	3	SW	1	1.7
8	100.7	98.7	97.5	99.0	9.4	14.0	21.9	17.2	15.6	23.0	7.9	15.1	5.5	12.8	12.0	14.9	13.2	95	80	45	76	74	SSW	1	WSW	3	C	0	1.3
9	92.8	92.1	91.1	92.0	10.0	16.1	15.5	15.7	14.3	18.1	10.0	8.1	7.3	13.8	17.0	15.6	15.5	97	75	97	87	89	SSE	1	SSE	1	SSW	2	1.3
10	95.8	96.8	96.9	96.5	13.0	14.4	18.8	16.2	15.6	20.3	12.7	7.6	12.0	13.9	15.0	16.5	15.1	96	85	69	89	85	W	3	WSW	3	SSW	1	2.3
11	96.5	96.2	97.3	96.7	14.0	15.7	22.7	14.4	16.7	23.6	12.7	10.9	11.0	15.7	15.9	15.5	15.7	94	88	58	94	84	SSE	1	SSW	1	C	0	0.7
12	98.5	100.1	101.7	100.1	14.0	14.1	18.8	17.2	16.0	19.5	13.7	5.8	12.5	15.7	17.4	16.8	16.6	95	98	80	86	90	NNW	2	NW	2	NW	1	1.7
13	103.9	104.7	106.2	104.9	14.6	15.3	21.8	17.8	17.4	21.7	13.2	8.5	10.9	15.7	14.7	16.7	15.7	94	90	57	81	80	SW	1	W	1	C	0	0.7
14	108.6	108.7	108.6	108.6	11.9	15.7	23.3	19.0	17.5	23.7	11.5	12.2	7.8	16.3	14.0	17.6	16.0	94	91	49	80	78	W	1	SSW	1	SE	1	1.0
15	108.4	108.5	108.9	108.6	15.0	17.6	28.3	22.3	20.8	29.6	14.3	16.3	11.5	18.9	19.3	23.6	19.9	92	84	50	88	78	SSE	1	W	1	C	0	0.7
16	109.4	108.5	107.5	108.5	17.3	20.2	31.4	24.2	23.3	32.1	16.3	15.8	13.4	20.1	21.4	20.4	22.6	97	84	47	87	79	S	1	WSW	2	C	0	1.0
17	108.3	104.5	104.7	105.2	19.2	21.4	31.9	26.7	24.6	32.7	18.2	14.5	15.0	22.5	20.7	28.0	25.7	95	88	57	85	81	SSE	1	SSE	3	SE	1	1.7
18	105.7	108.0	110.3	108.0	22.0	20.8	21.3	18.0	20.5	25.7	16.0	7.7	14.4	21.0	16.6	17.2	18.3	93	85	65	83	82	NW	1	NNW	2	C	0	1.0
19	111.6	111.6	113.4	112.2	14.9	15.1	21.9	17.6	17.4	22.6	14.2	8.4	12.6	16.2	13.9	16.5	15.5	93	94	53	82	80	NNE	1	NNE	2	NNE	1	1.3
20	115.5	115.1	113.9	114.8	15.8	15.7	20.7	18.1	17.1	21.8	15.2	6.6	14.5	12.0	10.5	13.8	12.1	82	87	43	75	67	NNE	1	NNE	2	NNE	1	1.3
21	113.3	112.3	111.4	112.3	12.6	14.4	20.4	16.6	16.0	21.2	11.6	9.6	8.9	13.5	13.0	13.9	13.5	91	82	54	74	75	E	1	E	3	ENE	1	1.7
22	110.2	108.5	107.5	108.7	11.3	15.8	20.4	18.1	16.4	21.5	10.5	11.0	8.1	13.6	14.5	15.7	14.6	94	78	60	76	76	ENE	2	E	4	ESE	2	2.7
23	106.3	106.0	105.7	106.0	16.0	15.3	18.8	16.4	16.6	19.0	14.3	4.7	13.6	15.1	16.4	16.7	16.1	88	87	75	90	85	ESE	1	SE	1	C	0	0.7
24	105.7	105.7	108.5	106.0	15.1	14.0	23.0	17.7	17.4	24.0	13.3	10.7	12.0	16.0	16.4	17.2	16.5	94	100	59	85	84	C	0	W	2	C	0	0.7
25	109.1	109.0	108.1	108.7	12.4	14.3	22.9	16.1	16.4	24.1	9.5	14.6	7.5	15.2	12.9	14.1	14.1	93	93	46	77	77	N	1	N	1	NNE	1	1.0
26	109.7	108.3	107.1	108.4	9.4	15.2	23.7	17.3	16.4	24.5	8.4	16.1	6.3	15.1	14.6	16.0	15.6	92	93	50	81	79	E	1	E	3	NE	1	1.7
27	105.8	105.0	105.4	105.4	15.0	17.6	23.7	19.5	19.0	24.6	14.7	9.9	11.3	14.6	15.3	15.6	15.2	89	73	52	69	71	ESE	3	ESE	3	E	1	2.3
28	107.7	107.6	108.5	107.9	15.6	16.5	25.9	20.5	19.6	27.0	14.0	13.0	11.9	14.9	16.5	18.8	16.7	84	80	49	78	73	ESE	1	SE	2	E	1	1.3
29	110.6	109.8	109.7	110.0	14.3	16.7	27.7	18.8	19.4	28.6	11.6	17.0	8.3	15.9	11.3	14.8	14.0	91	84	30	68	68	SE	1	SSE	3	E	1	1.7
30	109.9	108.9	110.0	109.6	12.8	16.1	26.4	18.2	18.4	27.2	10.8	16.4	7.6	14.7	12.7	13.9	13.6	93	80	37	67	69	E	1	SSE	3	E	1	1.7
31	110.3	108.3	107.1	108.6	10.8	15.4	26.0	18.6	17.7	26.9	8.3	18.6	4.6	12.5	10.2	14.0	12.2	95	72	30	65	66	SE	1	SE	3	E	1	1.7
M	105.8	105.7	105.6	105.7	14.2	16.2	23.2	18.6	18.0	24.3	12.9	11.4	10.7	16.0	15.5	17.3	16.3	93	86	55	80	78	1.2	2.2	0.8	1.4			

Date	Nébulosité Cloudiness 0-10					La forme des nuages Type of clouds			Précipi- tation Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M		6 ^h	12 ^h	18 ^h			
1	8	8	1	6.0	Sc,Cu	Ci,Cs,Cu	Ci		5.0	.	=18 ²⁰ -20; (K) ² SW20 ¹² -K ⁰ 20 ²⁴ -20 ³² -(K) ¹ SE20 ⁴⁷ , (K) ² SE21 ³⁸ -E-ENE- -np; e ⁰⁻² 20 ²⁵ -21 ¹⁸
2	2	2	0	1.3	Ao,Cu,Ci	Cu,Ao	.		10.8	.	e ⁰ 14 ¹⁹ -14 ²⁵ e ⁰ 15 ⁰⁶ -15 ²⁴ ; (K) ⁰ NNW14 ¹⁵ -N-NNE14 ³⁰
3	10	4	0	4.7	Sc	Cu	.		.	.	e ⁰ 2 ⁿ -5 ⁶⁸ ; (K) ⁰ n=-18 ⁴⁰ -np
4	0	0	1	0.3	.	.	Ci		6.3	.	△ ¹ -7 ¹⁵
5	10	9	10	9.7	Sc,As	Cu,Ao	Sc		4.1	.	e ⁰ 1-n-8 ¹⁰ , e ⁰ 8 ¹⁵ -8 ²⁴ , e ⁰ 8 ³⁶ -8 ⁴² , e ⁰ 1-n ¹⁰ -11 ¹⁸ , e ⁰ 18 ²¹ -18 ³⁹ , e ⁰ np; K ¹ SB na
6	10	6	9	8.3	Ns	Cu,Ci,Co	Sc,Cu		0.1	.	e ⁰ 1-n-8 ⁴⁸ , e ⁰ 7 ¹⁷ -7 ³⁸ , e ⁰ 12 ⁰⁹ -12 ¹⁵ , e ⁰ 13 ⁴² -13 ⁴⁷ , e ⁰ 14 ²¹ -14 ⁵⁹
7	3	5	5	4.3	Ao,Co	Cu,Ci	Ci,Ao		.	.	△ ¹ n-8
8	0	1	1	0.7	.	Cu,Ci	Ci		.	.	△ ¹ n-7 ²⁰
9	10	10	10	10.0	As	Ns	Ns		12.5	.	△ ⁰ n-7 ⁴⁰ ; e ⁰ 1-n ¹² -12 ⁰² , e ⁰ 12 ¹² -12 ⁴⁸ , △ ¹ -2 ¹⁵ 07-15 ¹⁹ , e ⁰ 15 ¹⁰ -15 ³⁹ , e ⁰ 17 ⁵⁴ -np; =9 ³⁰ -16 ¹⁰ ; (K) ⁰ SE15 ⁰⁷ -S-S15 ⁴¹ e ⁰ n, e ⁰ 16 ⁴⁹ -16 ⁵⁵ , e ⁰ 17 ⁰⁷ -17 ¹⁶ ; =18 ²⁵ -np; (K) ⁰ W17 ⁰¹ -N-NNE17 ¹⁴
10	8	8	10	8.7	Cu	Sc	As,Ao,Sc		0.6	.	•
11	4	9	10	7.7	Ci,Cu	Ci,Cs,Co,Cu	As,Ci		5.7	.	e ⁰ n, e ⁰ 14 ⁵¹ -17 ⁵³ , e ⁰ np
12	10	10	9	9.7	Ns	Sc,Cs	As,Ci		1.8	.	e ⁰ n, e ⁰ 8 ⁰² -8 ¹¹
13	9	9	7	8.3	Ao	Ao,Cu	As,As,Cu		.	.	△ ⁰ n-50-np
14	2	5	8	5.0	Ao	Ao,Cs	Ao		.	.	△ ⁰ n-17-np
15	7	1	1	3.0	Ao	Cu	Ao		.	.	△ ¹ n-7 ²⁰
16	0	1	1	0.7	.	Cu	Cu		.	.	△ ¹ n-7 ¹⁰ ; =18 ¹⁸ -np
17	0	0	5	1.7	.	.	Ci		.	.	△ ¹ n-7 ³⁰ , △ ⁰ 18 ⁰⁵ -np; =17 ⁴⁰ -np
18	7	6	0	4.3	Ci,Cs,Co	Ao,As,Co	.		4.3	.	△ ⁰ n-7 ¹⁰ , △ ⁰ 17 ⁵⁰ -np; e ⁰ 8 ⁴² -9 ¹³ ; (K) ⁰ SS48 ⁴⁸ -9 ⁰³
19	9	8	10	9.0	Ao,Ci	Ao	As,Cu		.	.	e ⁰ 1-n; K ⁰ n
20	10	8	7	8.3	As,As	Ci,Cs,Co	Ac		0.5	.	.
21	10	5	5	6.7	Sc,Ao	Ci,Cu	Ci,Cs		.	.	e ⁰ na
22	0	10	10	6.7	.	Sc	Sc		.	.	△ ⁰ n-8
23	10	10	10	10.0	St	Sc	As,Ao		1.3	.	e ⁰ 14 ⁰⁷ -14 ³⁰ ; =17 ¹² -np
24	10	4	5	6.3	≡ ²	Cu	Ao		.	.	e ¹⁻² na; ≡ ¹ n-5 ⁵⁴ , ≡ ² 5 ⁵⁴ -6 ¹⁵ ; △ ⁰ 18 ¹⁵ -np
25	0	7	1	2.7	.	Ci,Cu	Ci		.	.	△ ¹ n-8 ⁴ , △ ⁰ 19-np
26	6	8	1	5.0	Ci	Cu,Ci	Ci		.	.	△ ¹ n-7 ¹⁰ , △ ⁰ 17 ²⁰ -np
27	1	9	1	3.7	Ci,Cs	Ci,Cs	Ci		.	.	⊕ ⁰ 11 ¹⁰ -12 ⁴⁹
28	0	1	6	2.3	.	Cu	Ao		.	.	△ ⁰ n-6 ²⁰
29	0	1	0	0.3	.	Cu	.		.	.	△ ¹⁻⁰ n-6 ⁴⁵
30	0	4	0	1.3	.	Cu	.		.	.	△ ¹ n-6 ²⁰
31	0	2	0	0.7	.	Cu	.		.	.	△ ¹ n-6 ²³
M	5.1	5.5	4.6	5.1				53.0*			* Le total mens. Monthly mean

Septembre - September

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C						Tension de la vapeur Vapour pressure mb			Humidité relative Relative humidity %			Vent-direction et vitesse Wind velocity and direction m/s												
	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	105.6	103.6	103.6	104.3	12.8	15.8	27.3	18.1	18.5	27.8	10.7	17.1	7.2	14.6	11.0	14.4	13.3	90	81	30	69	68	ESE	1	SSE	3	SSW	1	1.7
2	103.9	103.4	103.1	103.5	14.3	15.7	23.9	17.9	18.0	25.0	13.6	11.4	10.9	15.6	15.1	16.9	15.9	90	87	51	82	78	S	1	SSW	1	C	0	0.7
3	103.8	103.3	102.3	103.1	12.1	16.3	25.3	20.2	18.5	26.5	10.7	15.8	7.7	17.0	15.5	17.4	16.6	94	92	48	74	77	SSE	2	SSE	2	E	1	1.7
4	97.8	98.8	102.0	99.5	14.4	18.3	14.9	13.5	15.3	20.2	13.5	6.7	10.6	16.8	15.6	14.6	15.7	94	80	92	94	90	SSE	3	WSW	2	WSW	1	2.0
5	104.6	104.2	102.5	103.8	12.6	12.2	21.0	16.3	15.5	21.6	9.0	12.6	6.1	13.2	11.8	13.4	12.8	96	93	47	72	77	SSW	1	SSW	4	SSE	1	2.0
6	100.5	97.7	96.0	98.1	13.0	14.0	25.3	20.5	18.2	26.1	11.9	14.2	10.1	13.5	13.4	13.4	13.4	90	84	42	56	68	SSE	1	SSE	4	ESE	2	2.3
7	95.7	98.0	99.1	97.6	15.1	13.9	16.4	14.3	14.9	20.5	12.2	8.3	10.0	14.3	14.8	15.7	14.9	81	90	79	97	87	S	1	WSW	2	C	0	1.0
8	100.3	101.2	102.4	101.3	13.6	14.0	20.3	14.2	15.5	21.0	13.6	7.4	8.5	15.6	14.2	13.8	14.5	98	98	60	88	86	S	1	SSW	2	S	1	1.3
9	108.9	108.9	106.4	108.1	10.4	11.1	22.5	16.3	15.1	23.2	8.2	15.0	-	12.5	11.5	14.9	13.0	92	95	42	80	77	S	1	SSW	2	ESE	1	1.3
10	106.2	110.6	114.1	110.3	16.3	17.0	15.8	13.2	15.6	20.1	13.1	7.0	11.3	15.8	17.2	14.6	15.9	90	82	96	96	91	SSW	2	W	1	WSW	1	1.3
11	118.7	119.1	118.9	118.9	9.6	10.0	19.3	13.2	13.0	19.7	6.5	13.2	4.3	12.1	13.1	13.9	13.0	96	99	58	92	86	W	1	WSW	1	C	0	0.7
12	117.9	115.7	113.3	115.6	6.7	9.5	19.9	12.8	12.2	20.7	5.6	15.1	3.4	11.7	12.0	12.5	12.1	97	90	52	85	83	SSE	1	SE	2	E	1	1.3
13	110.3	108.3	106.9	108.5	7.8	9.8	22.0	17.5	14.3	22.7	5.6	17.1	3.4	12.0	15.2	18.0	15.1	97	99	57	90	86	SSE	1	S	2	C	0	1.0
14	106.1	107.5	108.6	107.4	13.1	14.6	18.0	16.7	15.6	19.0	12.2	6.8	9.3	16.1	17.2	17.0	16.8	96	97	83	90	92	WSW	1	NW	2	NNW	1	1.3
15	111.3	112.5	114.5	112.8	13.6	11.8	18.2	10.5	13.5	18.8	10.4	8.4	9.8	13.2	11.0	10.6	11.6	97	95	53	84	82	NNE	1	NB	2	NB	1	1.3
16	116.8	115.8	114.2	115.6	7.4	8.5	16.1	10.5	10.6	16.9	4.3	12.6	1.3	9.0	8.1	9.7	8.9	90	81	44	76	73	ESE	2	SSE	3	E	1	2.0
17	112.0	111.1	109.8	111.0	9.5	9.2	19.9	15.1	13.4	21.2	7.6	13.6	3.0	9.0	11.1	12.4	10.8	75	77	48	72	68	SSE	2	SSE	2	SE	1	1.7
18	109.5	108.0	106.4	108.0	10.3	9.7	22.5	15.7	14.6	23.1	6.7	16.4	3.5	10.8	15.2	15.2	13.7	90	89	58	85	80	SSE	2	S	2	SSE	1	1.7
19	109.6	110.7	109.9	110.1	11.7	13.2	18.1	8.8	13.0	18.0	8.8	9.8	7.9	12.7	8.5	9.5	10.2	95	84	41	84	76	NW	3	WNW	2	WNW	1	2.0
20	106.5	102.8	100.9	103.4	2.6	4.7	18.4	12.8	9.6	18.5	1.3	17.2	-0.7	8.4	10.3	13.7	10.8	95	98	49	93	84	C	0	S	1	WNW	1	0.7
21	104.1	104.6	103.5	104.1	10.4	8.2	16.6	8.8	11.0	17.6	5.8	11.8	2.9	10.6	10.5	10.4	10.5	93	97	56	92	84	WSW	1	WSW	1	C	0	0.7
22	98.0	98.8	98.9	97.9	11.3	11.9	16.0	13.6	13.2	16.2	6.8	9.4	3.7	13.4	16.8	15.0	15.1	74	96	93	97	90	SSE	2	S	1	C	0	1.0
23	104.1	104.0	101.2	103.1	9.6	9.6	14.8	11.2	11.3	15.8	8.2	7.6	4.9	11.6	12.0	12.3	12.0	97	97	71	92	89	WSW	1	S	2	C	0	1.0
24	94.0	92.3	90.4	92.2	10.6	10.8	15.8	11.5	12.2	16.5	9.7	6.8	8.2	12.6	12.2	12.7	12.5	91	97	58	94	88	SSW	1	S	1	ESE	1	1.0
25	58.9	87.0	84.0	88.6	12.9	11.0	12.1	10.2	11.6	13.0	10.2	2.8	9.0	12.8	12.6	12.1	12.5	95	97	89	97	94	S	1	W	1	C	0	0.7
26	84.4	86.0	89.6	86.7	9.2	7.8	14.0	7.6	9.6	14.6	7.6	7.0	4.8	10.4	10.6	9.7	10.2	98	99	66	93	89	C	0	SSW	1	C	0	0.3
27	96.3	98.3	101.2	98.6	3.8	6.7	14.0	7.4	8.0	14.3	3.0	11.3	1.7	9.8	10.9	9.5	10.1	100	100	58	93	90	W	1	W	2	C	0	1.0
28	102.6	101.3	99.7	101.2	2.1	1.5	16.3	6.6	6.6	18.7	0.0	16.7	-2.5	6.8	10.3	9.0	8.7	96	100	55	93	86	E	1	SW	1	NNE	1	1.0
29	96.4	96.0	98.9	97.1	4.2	7.6	16.3	13.6	10.4	16.5	3.4	13.1	1.9	10.3	13.4	13.3	12.3	100	99	72	82	89	C	0	SPE	1	W	1	0.7
30	106.2	106.5	105.5	106.1	6.7	7.4	8.1	7.7	7.5	13.6	6.2	7.4	3.3	9.0	10.3	10.4	9.9	94	87	98	98	94	W	3	N	1	NNW	1	1.7
M	104.0	103.8	103.6	103.8	10.3	11.1	18.3	13.2	13.2	19.5	8.2	11.3	(5.7)	12.4	12.7	13.2	12.8	93	92	62	86	83		1.3		1.8	0.7	1.3	

Septembre - September

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Préci- pitation Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	0	1	8	3.3	.	Cu	Cs	.	.	$\Delta^1 n-6^{20}$
2	3	7	8	6.0	Ao	Ci,Cs,Ce,Cu	Cu,Ci	.	.	$\Delta^0 n-7$
3	1	9	1	3.7	Ci	Ci,Cs	Ao	.	.	$\bullet^0 1_6^{26}-7^{39}$, $\bullet^0 8^{39}-9^{28}$, $\bullet^0 1_10^{38}-10^{50}$, $\bullet^0 1_{11}^{16}-13^{05}$, $\bullet^0 13^{20}-13^{30}$,
4	9	10	10	9.7	Sc	Ns	Ns	3.2	.	$\bullet^0 14^{12}...17^{46}$
5	0	9	5	4.7	.	Ao,Cu	Ci,Ao	.	.	$\Delta^2 n-7^{07}$
6	5	0	0	1.7	Ci,Cs,Ce	.	.	.	.	$\Delta^1 n-15$
7	10	10	10	10.0	As	St	Ns	0.5	.	$\Delta^0 n-8^{20}; \bullet^0 1_{13}^{34}-np$
8	10	10	0	6.7	Sc	Cs,Cu	.	.	.	$\bullet^0 1_n; \Delta^1 17^{30}-np$
9	7	1	5	4.3	Ci,Cs	Cu	Ci	.	.	$\Delta^1 n-6^{20}, \Delta^0 18^{20}-np$
10	8	10	10	9.3	Ao,Ci	Ns	Ns	10.3	.	$\Delta^0 n-7^{20}; \bullet^0 1_{10}^{06}-12^{24}$, $\bullet^0 1_{12}^{38}-16^{58}$
11	0	9	0	3.0	.	Cu,Ci,Cs	.	.	.	$\Delta^2 n-8^{45}, \Delta^1 17-np; =17^{50}-18^{20}; =18^{20}-np$
12	8	9	1	6.0	Ci,Cs	Cs,Cu	Ci	.	.	$\Delta^2 n-8^{20}, \Delta^0 17^{45}-np$
13	0	9	9	6.0	.	Ci,Cs,Ao	As,Cb	0.0	.	$\Delta^2 n-7^{25}; \bullet^0 17^{22}-17^{36}$
14	8	10	10	9.3	Cu	St	St	2.4	.	$\bullet^0 23^{15}-23^{48}; \bullet^0 14^{24}...20^{51}; \bullet^0 21^{46}-23^{22}; =6^{10}-10$
15	8	3	0	3.7	Ao	Cu	.	.	.	$\Delta^0 18-np$
16	0	0	1	0.3	.	.	Ci	.	.	$\Delta^1 n-9, \Delta^1 17-np$
17	6	1	6	4.3	Ci,Ao	Ao	Ao	.	.	$\Delta^0 n, \Delta^0 17^{10}-np$
18	0	0	0	0.0	.	.	.	0.0	.	$\Delta^0 n-8^{10}, \Delta^0 18-np$
19	2	2	0	1.0	Cu	Cu	.	.	.	$\bullet^0 4^{18}-4^{42}, \Delta^0 18^{40}-np$
20	2	10	10	7.3	Ce,Ao	Cs,Ci,Ce,Cu	Ns	4.6	.	$\bullet^0 14^{34}-19^{61}$
21	0	2	1	1.0	.	Cu	Cu	1.3	.	$=n-7^{40}; =17^{15}-np$
22	10	10	4	8.0	Ns	Ns	Ao	1.8	.	$\bullet^0 1-na-8^{17}, \bullet^0 9^{26}-9^{34}, \bullet^0 10^{29}-14^{42}; =n-np$
23	1	10	10	7.0	Ci	Ao	As	0.1	.	$\Delta^1 n-10^{20}, \Delta^0 17^{55}-np$
24	10	3	6	6.3	St	Ci,Ao,Cu	Cs	1.0	.	$\bullet^0 1-na-7^{15}; =n-10; \Delta^0 17^{25}-np$
25	10	10	10	10.0	St	Ao,As	Ns	4.9	.	$\bullet^0 1-na-7^{27}; \bullet^0 n, \bullet^0 1_{11}^{00}-21^{51}, \bullet^0 8^{24}...9^{48}; =n-8, =13^{20}-np$
26	9	6	4	6.3	Ao,Cu,Ci	Sc	Ci	.	.	$\bullet^0 na; =n-6^{10}, =6^{10}-6^{40}, =16^{55}-np; \Delta^1 17-np$
27	8	9	0	5.7	Ao	Cu,Cb,Ao	.	0.0	.	$=n-8, =17-np, \Delta^1 n-8^{30}, \Delta^1 17^{30}-np, \bullet^0 12^{36}-12^{44}, \bullet^0 12^{48}-13^{06}$
28	0	0	0	0.0	.	.	.	.	.	$=1n-6^{43}, =n-6^{43}-7^{20}; =17^{40}-np$
29	10	7	10	9.0	St	Ao,Cu	Sc	.	.	
30	10	10	10	10.0	As	Ns	Ns	29.2	.	$\bullet^0 17^{41}-22^{24}$
M	5.2	6.2	5.0	5.5				68.3*		* Le total mens. Monthly mean

Octobre - October

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C						Tension de la vapeur Vapour pressure mb				Humidité relative Relative humidity %				Vent-direction et vitesse Wind velocity and direction m/s																		
					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	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	0 ^h	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	
1	103.7	102.0	99.6	101.8	8.1	8.0	9.0	8.8	8.5	9.2	7.6	1.6	7.4	10.4	11.2	11.0	10.9	97	97	97	97	97	NW	1	NW	1	NW	1	1.0								
2	94.8	97.4	101.1	97.8	8.8	9.0	7.3	6.4	7.9	9.6	6.4	3.2	4.3	11.2	9.3	9.0	9.9	98	99	91	94	96	S	1	SW	4	SSE	2	2.3								
3	100.8	97.8	97.0	98.5	3.7	4.1	6.9	6.0	5.2	7.1	2.3	4.8	-0.1	8.0	9.9	9.2	9.0	98	98	100	98	98	C	0	NNW	1	W	2	1.0								
4	99.7	101.0	103.7	101.5	6.8	4.3	10.9	5.0	6.8	11.9	3.5	8.4	1.0	7.9	9.5	8.6	8.7	92	95	73	98	90	S	1	SSW	2	S	1	1.3								
5	105.8	105.1	104.3	105.1	4.7	2.7	12.2	5.3	6.2	12.5	1.3	11.2	-2.0	7.3	7.4	8.2	7.6	97	98	52	92	85	S	2	SSW	2	SSE	1	1.7								
6	102.0	101.6	101.3	101.6	0.9	3.0	9.5	8.2	5.4	10.5	0.4	10.1	-3.0	7.4	9.5	10.1	9.0	97	98	80	93	92	SSE	1	SSE	1	SSE	1	1.0								
7	100.1	99.5	98.7	99.4	6.7	6.5	12.1	8.0	8.3	12.6	5.9	6.7	3.5	9.7	9.8	9.5	9.7	98	100	69	89	39	S	1	S	2	ESE	1	1.3								
8	96.4	94.9	93.4	94.0	6.9	8.4	14.7	11.0	10.2	14.9	6.6	8.3	4.1	10.6	11.4	12.8	11.6	94	96	88	97	89	ESE	1	SSE	1	C	0	0.7								
9	96.5	92.4	94.2	94.4	11.5	8.0	8.6	8.0	9.0	11.8	7.9	3.9	5.5	10.4	9.2	9.4	8.7	99	97	82	87	91	SSW	3	SW	5	S	1	3.0								
10	93.5	94.5	95.9	94.6	6.7	6.0	7.4	7.3	6.8	8.5	5.5	3.0	3.4	7.8	9.3	9.5	8.9	95	83	90	93	90	S	4	S	5	S	3	4.0								
11	101.1	103.5	105.2	103.3	6.8	7.6	11.8	5.5	7.9	13.0	5.5	7.5	1.0	9.0	8.3	8.5	8.6	85	86	60	94	81	SSW	3	SW	5	S	1	3.0								
12	106.9	106.8	106.4	106.7	3.9	6.3	13.3	8.7	8.0	13.7	3.6	10.1	0.3	9.4	10.5	10.3	10.1	99	98	69	92	90	SE	1	SSE	1	E	1	1.0								
13	102.7	101.6	103.7	102.7	8.8	8.4	9.9	8.7	9.0	10.0	8.2	1.8	6.9	11.0	11.8	10.9	11.3	98	100	97	97	98	ENE	1	SSW	2	W	2	1.7								
14	105.6	105.8	105.0	105.5	6.3	4.6	7.5	5.3	5.9	8.7	4.6	4.1	1.9	8.2	8.7	8.5	8.5	97	97	84	95	93	C	0	SW	1	WNW	1	0.7								
15	103.6	106.2	106.5	105.3	5.2	5.0	6.9	5.2	5.6	7.0	5.0	2.0	3.4	8.7	9.6	8.6	9.0	98	100	97	97	98	WNW	1	SW	1	SSW	1	1.0								
16	99.8	94.2	91.5	95.2	5.0	5.3	6.0	5.0	5.3	6.2	4.4	1.8	2.0	8.6	9.4	8.7	8.9	100	97	100	100	99	NNE	1	NNE	1	WSW	1	1.0								
17	89.9	89.7	90.8	90.1	2.9	2.4	4.3	6.3	4.0	6.3	1.8	4.5	1.8	7.0	8.2	9.4	8.2	95	96	98	98	97	SSW	2	SW	3	WSW	3	2.7								
18	100.4	104.1	106.6	103.7	4.5	4.5	7.8	6.0	5.7	8.0	4.3	3.7	2.9	8.3	9.2	8.8	8.8	96	98	87	96	94	WSW	3	WSW	2	C	0	1.7								
19	104.2	99.7	96.3	100.1	4.9	4.6	10.6	7.2	6.8	11.0	4.3	6.7	3.3	8.3	7.9	8.5	8.2	97	98	62	84	85	SSE	1	SSE	3	SSE	2	2.0								
20	89.8	87.6	85.2	87.5	6.0	5.8	10.6	9.6	8.0	12.3	5.1	7.2	3.9	7.5	9.6	10.1	9.1	85	82	75	84	82	SSE	2	SSE	1	SE	2	1.7								
21	85.3	84.1	80.1	83.2	8.5	8.8	11.0	10.8	9.8	11.7	8.3	3.4	6.6	10.7	11.2	12.6	11.5	94	95	85	97	93	C	0	E	1	ENE	2	1.0								
22	68.2	74.9	80.4	74.5	12.9	11.9	6.2	6.9	9.5	13.3	5.9	7.4	5.7	13.4	9.0	7.5	10.0	95	96	98	75	90	E	6	S	3	SSW	5	4.7								
23	88.7	90.2	93.0	90.8	6.8	4.4	12.5	3.6	6.8	12.5	3.6	8.9	-0.6	7.1	8.2	7.2	6.8	72	85	43	91	73	SSR	2	S	3	C	0	1.7								
24	95.6	96.9	98.5	97.0	1.5	4.2	8.6	5.8	4.5	7.0	1.3	5.7	-2.6	8.0	9.4	8.9	8.8	97	97	97	97	97	S	1	E	1	W	1	1.0								
25	96.8	93.9	90.3	93.7	5.8	6.5	8.0	6.5	6.7	9.0	3.4	5.6	-0.1	8.8	8.8	9.2	8.9	99	91	82	96	92	SSW	2	SW	4	SW	4	3.3								
26	87.3	88.0	90.4	88.6	5.8	3.9	5.9	4.2	5.0	6.7	3.9	2.8	3.4	7.7	7.2	7.6	7.5	93	95	77	92	89	WSW	2	WSW	2	WSW	2	2.0								
27	92.3	88.9	82.7	88.0	4.2	3.3	7.1	3.8	4.6	7.2	3.3	3.9	2.5	7.0	7.0	7.6	7.2	91	90	70	95	86	SSW	1	SSW	4	SSE	6	3.7								
28	83.2	84.0	86.0	84.4	5.7	4.7	8.8	3.5	5.7	9.4	3.5	5.9	0.4	7.7	7.6	7.2	7.5	91	90	67	91	85	SSW	2	SSW	3	C	0	1.7								
29	88.6	88.2	87.4	88.1	1.9	-0.2	6.7	3.8	3.0	7.0	-0.3	7.3	-3.1	5.6	7.0	7.5	6.7	96	94	71	93	88	SSR	1	ENE	1	NNW	1	1.0								
30	90.5	91.6	89.9	90.7	3.7	2.5	4.8	3.6	3.6	4.8	2.4	2.4	0.4	7.2	7.8	7.5	7.5	96	98	90	95	95	SSW	1	C	0	NNW	1	0.7								
31	84.6	87.7	90.8	87.7	2.8	2.9	4.1	3.7	3.4	5.1	2.8	2.3	1.5	6.7	7.0	6.0	6.6	93	89	85	75	86	WSW	5	SW	5	SSW	4	4.7								
M	95.4	95.3	95.4	95.4	5.8	5.4	8.7	6.4	6.6	9.6	4.3	5.3	2.1	8.6	9.0	9.0	8.9	95	96	80	93	91		1.7		2.3	1.7	1.9									

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Préci- pitation Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	10	10	10	10.0	Ns	Ns	Ns	24.7	.	$\bullet^{\circ-2}n, \bullet^{\circ-1}s-np$
2	10	10	4	8.0	Ns	Ns	Ao	0.5	.	$\bullet^{\circ-1}n, \bullet^{\circ-8}18-1157, \bullet^{\circ-12}15-1345$
3	10	10	10	10.0	Ns	Ns	Ns	33.4	.	$\bullet^{\circ}na-6^{12}, \bullet^{\circ-2}6^{12}-17^{41}, \bullet^{\circ}17^{41}-np; na-8^{30}; =8^{30}-14$
4	2	10	1	4.3	Ci	As,Cu	Cu	0.7	.	$\bullet^{\circ-1}13-1439$
5	2	8	0	3.3	Ao	Cu	.	.	.	$_^{\circ}n, _^{\circ}18^{20}-np$
6	10	10	10	10.0	As	Ao	As	3.8	.	$=na-7; \Delta^{\circ}na-830$
7	5	6	7	6.0	Ao	Cu	Cu	.	.	$\bullet^{\circ-1}n; =^{\circ}n-6^{28}; =8^{28}-7; \Delta^{\circ}18-np$
8	10	10	10	10.0	As	Sc,Cs	St	5.3	.	$\Delta^{\circ}n-8^{10}; \bullet^{\circ}15^{15}-16^{33}, \bullet^{\circ}17^{00}-17^{07}; =16-np$
9	10	10	10	10.0	Ns	Sc	As,Cu	.	.	$\bullet^{\circ-1}n$
10	9	10	10	9.7	Ao,As	Ns,As	Ns	1.3	.	$\bullet^{\circ}8^{43}-14^{29}, \bullet^{\circ}15^{34}-17^{48}, \bullet^{\circ}18^{15}-np$
11	9	8	0	5.7	Sc	Sc,Ci	.	1.2	.	$\bullet^{\circ}n, \bullet^{\circ}8^{25}-7^{18}/\Delta^{\circ}18-np$
12	10	3	8	7.0	Sc	Ci,Cu	As	6.2	.	$\bullet^{\circ}ns, \bullet^{\circ}17^{03}-17^{21}, \bullet^{\circ}18^{51}-np; =n-740$
13	10	10	10	10.0	Ns	Ns	St	5.1	.	$\bullet^{\circ-1}n-12^{51}, \bullet^{\circ}16^{06}-17^{08}, \bullet^{\circ}18^{39}-18^{54}; =n-17^{20}; =n-17^{20}-np$
14	10	9	10	9.7	St	Sc	Sc	9.0	.	$=n=n-11, =13^{30}-np; \bullet^{\circ-1}21^{15}-np$
15	10	10	6	8.7	Ns	Ns	Sc	0.0	.	$\bullet^{\circ-1}n, \bullet^{\circ}10^{05}-10^{51}, \bullet^{\circ}18^{00}-15^{39}; =n-9^{30}, =14-17; =\Delta^{\circ}17-np$
16	10	10	10	10.0	Ns	Ns	Ns	33.2	.	$\bullet^{\circ}na-6^{17}, \bullet^{\circ}2-6^{17}-16^{31}, \bullet^{\circ}16^{31}-17^{29}, \bullet^{\circ}21^{00}-np; =18-np$
17	10	10	10	10.0	Ns	Ns	Ns	10.5	.	$\bullet^{\circ-1}n-np$
18	10	10	10	10.0	Sc	Sc	Sc	0.2	.	$\bullet^{\circ}na, \bullet^{\circ}7^{27}-8^{38}, \bullet^{\circ}12^{06}-12^{24}; =8^{38}-9^{24}$
19	6	7	6	6.3	Ao	Ac,Ci	As,Ac	0.0	.	$\Delta^{\circ}n-9$
20	9	10	9	9.3	Ao	Sc	Ao,Cu	0.0	.	$\bullet^{\circ}na, \bullet^{\circ}6^{59}-7^{36}, \bullet^{\circ}15^{56}-17^{03}$
21	10	10	10	10.0	St	Sc,As	Ns	8.1	.	$\bullet^{\circ}na...6^{42}, \bullet^{\circ}7^{24}-9^{48}; \bullet^{\circ}10^{30}-11^{51}, \bullet^{\circ-1}13^{58}-np$
22	10	10	10	10.0	Ns	Ns	Sc	4.5	.	$\bullet^{\circ-1}n-13^{47}$
23	0	0	4	1.3	.	.	Ao	0.0	.	$\bullet^{\circ}na; \Delta^{\circ}17-np$
24	10	10	9	9.7	As	Ns	Sc	0.8	.	$\bullet^{\circ}na-10^{23}, \bullet^{\circ}11^{27}-15^{29}; =n-11, =17^{30}-np$
25	10	10	10	10.0	Ns	St	Ns	6.4	.	$\bullet^{\circ}n-8^{03}, \bullet^{\circ}9^{58}-10^{24}, \bullet^{\circ}11^{18}-np; \bullet^{\circ}11^{45}-13^{18}$
26	10	10	10	10.0	Sc	Sc	St	0.5	.	$\bullet^{\circ-1}n, \bullet^{\circ}8^{50}...9^{32}, \bullet^{\circ}9^{32}-9^{34}, \bullet^{\circ}9^{34}...12^{11}, \bullet^{\circ}np; =14^{24}-17^{40}$
27	10	9	10	9.7	Sc	So,Cu,Ao	Ns	3.4	.	$\bullet^{\circ}n, \bullet^{\circ}11^{19}-11^{31}, \bullet^{\circ}1-14^{42}-np$
28	9	8	7	8.0	Sc,Ac,Cc	Cu,Ci	Cu	0.1	.	$\bullet^{\circ-1}n, \bullet^{\circ}10^{11}...11^{22}, \bullet^{\circ}15^{13}...17^{24}$
29	8	9	10	9.0	Ci,Cs	Cs	Ns	10.2	.	$_1^{1}n-7^{45}, \bullet^{\circ}6^{25}-\bullet^{\circ}13^{42}-14^{11}; \bullet^{\circ-1}14^{11}-np$
30	4	10	10	8.0	Ao	Ns	Ns	1.4	.	$\bullet^{\circ-1}n, \bullet^{\circ}14^{38}...15^{10}; =n-8^{30}$
31	10	10	5	8.3	St	Ns	Ci	0.7	.	$\bullet^{\circ-1}n, \bullet^{\circ}1-26...14^{01}$
M	8.5	8.9	7.9	8.4				171.2*		*Le total mens. Monthly mean

Novembre - November

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C								Tension de la vapeur Vapour pressure mb				Humidité relative Relative humidity %				Vent-direction et vitesse Wind velocity and direction m/s								
	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	Max.	Min.	Ampl.	Min.	6 ^h	12 ^h	18 ^h	M	0 ^h	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h	M			
1	95.7	95.3	94.9	95.3	2.8	2.6	5.4	2.9	3.4	5.5	1.4	4.1	-1.6	5.7	6.5	6.1	6.1	75	77	72	81	76	S	2	S	1	S	1	1.3
2	93.3	90.6	90.1	91.3	-0.4	1.4	3.9	2.3	1.8	4.4	-0.3	4.7	-3.1	6.2	7.3	6.9	6.8	93	92	90	96	93	NW	1	WNW	3	NW	3	2.3
3	93.6	96.4	97.5	95.8	1.0	1.7	3.7	3.8	2.6	3.8	0.4	3.4	0.0	6.9	7.6	7.5	7.3	99	100	98	93	97	NW	2	NW	1	NW	1	1.3
4	99.4	102.1	104.2	101.9	4.0	4.0	4.2	4.3	4.1	4.5	3.6	0.9	2.9	7.9	8.0	8.2	8.0	100	97	97	98	98	W	1	W	1	WSW	1	1.0
5	108.7	111.3	113.7	111.2	4.4	3.9	5.6	4.8	4.7	6.0	3.8	2.2	3.4	7.7	8.2	8.0	8.0	97	95	91	94	94	W	1	WSW	1	SW	1	1.0
6	116.6	117.6	119.1	117.8	4.6	4.5	5.9	0.0	3.8	6.4	-0.3	6.7	-3.4	8.3	8.0	6.0	7.4	95	98	86	98	94	SSW	1	W	1	WSW	1	1.0
7	121.2	119.7	119.0	120.0	-2.0	-1.0	5.5	-0.7	0.4	5.9	-3.2	9.1	-6.2	5.4	6.9	5.7	6.0	95	95	77	98	91	C	0	WSW	1	C	0	0.3
8	116.8	114.9	114.8	115.5	0.1	1.0	5.2	4.0	2.8	5.6	-1.6	7.2	-4.9	6.3	7.9	7.9	7.4	97	98	89	97	95	C	0	C	0	C	0	0.0
9	113.0	111.4	110.5	111.6	2.2	2.0	5.7	2.8	3.1	6.2	1.8	4.4	-0.6	7.1	6.9	6.8	6.9	98	100	76	93	92	C	0	S	1	SSE	1	0.7
10	108.8	104.5	102.9	104.7	1.5	0.6	4.3	4.7	2.8	4.8	0.6	4.2	0.4	5.8	6.1	7.3	6.4	96	90	74	85	86	SW	2	SSE	3	SSE	2	2.3
11	106.5	106.5	105.2	106.1	5.5	5.9	8.2	5.0	6.2	8.5	4.4	4.1	2.0	9.1	8.5	8.2	8.6	99	98	78	94	92	S	2	SSW	3	SSE	1	2.0
12	101.7	100.7	100.9	101.1	2.8	2.0	7.6	4.6	4.2	7.9	1.9	6.0	-1.1	6.8	7.8	7.9	7.6	97	96	75	93	90	SSE	2	S	1	SSE	1	1.3
13	101.2	102.9	105.2	103.4	3.9	4.6	7.6	0.0	4.0	9.3	0.0	9.3	-4.1	7.7	6.4	5.9	6.7	93	90	61	96	85	S	1	WSW	4	C	0	1.7
14	105.8	105.0	104.6	105.5	-1.0	0.2	6.9	3.9	2.5	7.3	-1.3	8.6	-5.6	5.7	7.6	7.7	7.0	97	92	77	95	90	SSE	1	C	0	SSE	1	0.7
15	103.7	102.0	102.0	102.6	3.1	2.6	10.4	6.6	5.7	11.0	2.6	8.4	0.0	7.1	9.6	9.2	8.6	94	96	76	94	90	SSE	1	SSE	1	SSE	1	1.0
16	100.5	98.6	97.2	98.7	4.5	3.8	12.3	7.7	7.1	12.4	3.5	8.9	0.0	7.7	10.0	9.5	9.1	96	97	70	90	88	SSE	1	SSE	1	SSE	1	1.0
17	105.3	107.8	108.6	107.2	7.6	7.7	11.7	5.0	8.0	12.0	5.0	7.0	-0.9	8.1	9.2	8.3	8.5	95	77	67	95	84	SW	2	SW	1	C	0	1.0
18	109.3	107.4	104.4	107.0	2.5	1.4	10.0	5.0	4.7	10.5	0.8	9.7	-3.6	6.5	9.6	8.4	8.2	94	96	78	97	91	SSE	1	SSE	1	C	0	0.7
19	96.5	94.0	96.5	95.7	4.8	5.0	10.1	7.6	6.9	11.0	3.8	7.2	-0.5	8.4	10.4	9.5	9.4	96	97	85	91	92	C	0	S	1	WSW	2	1.0
20	103.6	105.3	106.6	105.2	5.0	4.2	6.5	0.9	4.2	7.6	0.8	6.8	-3.7	7.6	7.0	6.3	7.0	98	92	72	96	90	WSW	3	SW	2	SSW	1	2.0
21	107.8	107.7	107.6	107.7	-0.8	-1.7	1.9	-1.3	-0.5	2.5	-2.2	4.7	-6.8	5.3	6.4	5.4	5.7	97	98	91	97	96	SSE	1	C	0	C	0	0.3
22	107.0	107.7	108.6	107.8	-0.1	-2.3	4.3	1.9	1.0	4.5	-2.5	7.0	-6.7	4.9	6.9	6.7	6.2	98	96	84	96	94	C	0	WNW	1	C	0	0.3
23	112.1	112.6	113.8	112.8	0.2	-2.9	2.7	0.9	0.2	2.8	-3.2	6.0	-6.3	4.7	5.5	5.4	5.2	83	95	74	83	84	C	0	ESE	1	SE	1	0.7
24	113.9	112.7	110.6	112.4	0.4	-0.6	2.1	-1.1	0.2	2.3	-1.7	4.0	-5.6	5.0	4.3	4.6	4.6	73	85	61	81	75	ESE	1	SE	3	SE	2	2.0
25	102.6	98.6	96.8	99.3	-1.1	0.5	3.2	3.6	1.6	4.5	-1.7	6.2	-4.1	5.4	6.8	7.5	6.6	86	85	88	95	88	SSE	3	SSE	3	SSE	2	2.7
26	96.0	94.1	93.1	94.4	3.3	2.5	3.9	1.7	2.8	4.0	1.7	2.3	-1.6	7.2	7.0	6.9	7.3	96	98	98	100	98	C	0	S	1	C	0	0.3
27	92.0	91.5	90.8	91.4	0.3	0.7	3.0	3.4	1.8	3.5	-0.4	3.9	-3.6	6.4	7.3	7.3	7.0	100	100	98	93	97	S	1	SSW	1	SSW	1	1.0
28	74.5	75.1	77.2	75.6	2.1	0.7	3.5	0.4	1.7	4.2	0.4	3.8	-4.1	6.3	7.4	6.0	6.6	92	98	95	98	95	SSE	4	SSW	2	SSE	2	2.7
29	75.9	76.7	80.1	77.6	0.3	1.8	3.1	2.2	1.8	3.3	-0.2	3.5	-4.0	6.8	7.1	6.9	6.9	90	98	93	96	94	S	1	WSW	4	WSW	2	2.3
30	89.3	91.0	95.4	91.9	2.2	1.1	2.2	-0.1	1.4	2.6	-0.1	2.7	-3.2	5.7	6.8	5.7	6.1	87	87	95	94	91	WSW	3	SW	2	WSW	1	2.0
M	102.4	102.1	102.4	102.3	2.1	1.9	5.7	2.9	3.2	6.2	0.6	5.6	-2.6	6.7	7.5	7.1	7.1	94	94	82	94	91	1.3	1.5	1.0	1.3	1.3		

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Précipi- tation Precipita- tion	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	10	10	1	7.0	Sc	Cu,As	Cu	.	.	\oplus^1_n $\bullet^0-1_859-1915; \ominus^11915-np$
2	10	10	10	10.0	Sc	Ns	Ns	22.7	.	$\ast^0_n; \bullet^0-1_n-941$
3	10	10	10	10.0	Ns	Ns	St	2.4	.	$\bullet^0-1_n-np; =17-np$
4	10	10	10	10.0	Ns	Ns	Ns	4.1	.	$\bullet^0-1_n; \oplus^0854-901$
5	10	10	10	10.0	Ns	Sc	St	0.0	.	$=n-615; \oplus^0818-751; \bullet^0-1751-928; \ominus^01720-np$
6	10	9	0	6.3	St	Sc	.	1.2	.	$\ominus^1_n-815; \ominus^117-np; =1545-np$
7	6	1	0	2.3	Cu,Ci	Cu	.	0.0	.	$\bullet^0_n; =10-13$
8	9	10	10	9.7	Sc	St	St	.	.	$\equiv^0_n-8; =8-9$
9	10	7	10	9.0	\equiv^0	Ac,Ci,Cs,Cu	As	.	.	$\bullet^0958-1040, \bullet^01125-1318, \bullet^01951-2008, \bullet^0-12052-np$
10	10	10	10	10.0	Ac,As	Ac,As	St	3.6	.	
11	10	10	9	9.7	Ns	Sc	As	.	.	\bullet^0-1_n
12	4	9	9	7.3	Ac	As,Ac	Ac	0.0	.	\ominus^0n-615
13	10	9	0	6.3	Ns	Sc,Cu	.	.	.	$\bullet^0407-558; \ominus^020-np; =2110-np$
14	8	2	0	3.3	Ac	Ci,Cs	.	.	.	$\ominus^1_n-820; \ominus^118-np$
15	6	9	1	5.3	Ci,Cs	Ci,Cs	Ci	.	.	$\ominus^0n-6; =n-620; \ominus^018-np$
16	0	2	0	0.7	Ci	.	.	.	.	$\Delta\oplus^1_n$
17	0	6	2	2.7	.	Cu	As	.	.	$\Delta^0n-9, \Delta^017-np$
18	7	9	4	6.7	Ci,Cs,Ac	Cs,Ci	Ci,Cs	.	.	$=n-915; =17-np; \ominus^0n-650$
19	10	10	10	10.0	As	As	As	2.0	.	$\Delta^1n-10; =n-730; \bullet^01718-np$
20	10	3	0	4.3	Ns	Cu	.	.	.	\bullet^0n
21	9	4	2	5.0	Ac	Ac	Ac	.	.	$\ominus^0-1_n-np; =n-1420; \oplus^01420-np$
22	6	10	9	8.3	Ac	St	As	.	.	$\ominus^1n-950; \equiv^0n-830; =830-10$
23	7	8	9	8.0	Sc	Sc	Sc	.	.	$=n-8; \ominus^0n-9$
24	6	1	0	2.3	Cu	Cu	.	0.0	.	\ominus^016-np
25	10	10	10	10.0	Sc	Sc	Ns	7.5	.	$\ominus^0n-650; \times^0na-633; \bullet^0854-730, \bullet^0803-945, \bullet^01036-1400, \bullet^01418-1512, \bullet^0-11607-np$
26	10	10	0	6.7	Sc,As	Ns	.	0.9	.	$\bullet^0-1_n, \bullet^01006-1301; =n-1425; \oplus^01425-16, \equiv^116-np; \ominus^01625-np$
27	10	10	10	10.0	As	Ns	St	1.1	.	$\ast^0n; \bullet^01040-1200; \oplus^01200-1621, \oplus^01651-1700$
28	10	10	0	6.7	Ns	Sc	.	2.5	1	$\bullet^0n-736; \bullet^0736-843, \bullet^0958-1153, \bullet^0-11315-1402; \ominus^116-np; \oplus^01820-1855$
29	10	10	10	10.0	Sc	Sc	Ns	1.0	.	$\bullet^0n-1136; \bullet^01145-1155, \bullet^01516-1812$
30	10	8	3	7.0	Ns	Sc,As	As,Cu	0.1	.	$\bullet^0n, \bullet^0920-1245; \ast^0-1640-920; \ominus^01730-np$
M	8.3	7.9	5.3	7.2				49.1*		* Le total mens. Monthly mean

Décembre - December

LES ELEMENTS MÉTÉOROLOGIQUES - METEOROLOGICAL ELEMENTS

1974

Date	Pression barométrique Atmospheric pressure 900 mb + ...				Température de l'air Air temperature °C					Tension de la vapeur Vapour pressure mb			Humidité relative Relative humidity %			Vent-direction et vitesse Wind velocity and direction m/s													
					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	0 ^h	6 ^h	12 ^h	18 ^h	M					6 ^h	12 ^h	18 ^h	M		6 ^h	12 ^h	18 ^h	M						
1	101.2	102.8	103.7	102.6	0.3	0.3	2.8	0.8	1.0	3.0	-2.0	5.0	-6.8	5.7	6.5	6.5	6.2	98	92	88	100	94	C	0	SSW	1	C	0	0.3
2	107.0	108.4	107.5	107.6	0.7	1.0	2.7	2.6	1.8	2.9	0.5	2.4	-1.4	6.6	7.0	7.2	6.9	100	100	95	98	98	C	0	C	0	SSE	1	0.3
3	105.8	108.5	111.7	108.6	7.7	8.8	8.4	5.0	7.5	9.2	2.7	6.5	2.3	10.2	6.7	7.6	8.2	100	90	61	87	84	WSW	3	WNW	3	W	2	2.7
4	112.6	110.3	106.5	109.8	4.3	4.0	5.3	2.9	4.1	5.5	2.2	3.3	-0.8	7.6	7.6	6.6	7.3	90	93	86	88	89	WNW	1	C	0	C	0	0.3
5	92.8	90.5	89.9	91.1	3.3	4.5	3.5	0.3	2.9	5.7	0.3	5.4	0.0	8.0	6.6	6.1	6.9	93	95	85	98	93	WSW	1	WSW	3	WSW	2	2.0
6	94.2	94.6	92.8	93.9	0.7	1.2	2.2	2.5	1.6	2.7	0.5	2.2	-0.7	6.3	6.1	6.3	6.2	95	94	86	88	90	W	2	WSW	2	WSW	2	2.0
7	94.2	95.7	97.1	95.7	2.2	2.2	2.6	0.9	2.0	2.9	0.8	2.1	-1.6	6.5	6.1	6.1	6.2	92	91	82	94	90	WSW	3	WSW	2	C	0	1.7
8	95.9	100.3	104.4	100.2	0.2	0.3	1.6	-3.4	-0.3	1.7	-3.4	5.1	-7.7	5.4	4.6	4.2	4.7	100	86	67	88	85	WSW	1	ESE	1	C	0	0.7
9	106.8	105.5	105.0	105.8	-5.5	-4.6	0.8	-0.4	-2.4	0.9	-6.2	7.1	-10.7	4.3	4.5	5.7	4.8	94	98	69	96	89	SSE	1	SSE	2	SSE	1	1.3
10	103.8	103.2	105.3	104.1	0.7	1.6	2.7	1.9	1.7	3.0	-0.4	3.4	-0.6	6.9	7.4	6.9	7.1	98	100	100	98	99	SSE	2	SSE	1	C	0	1.0
11	101.8	99.5	95.7	99.0	0.4	0.3	3.8	1.9	1.6	4.6	0.2	4.4	-3.4	6.1	6.8	6.2	6.4	98	98	85	89	92	C	0	S	1	SSE	2	1.0
12	90.8	93.1	95.7	93.2	1.4	2.3	2.1	-1.4	1.1	2.7	-1.4	4.1	-5.2	6.9	6.6	4.8	6.1	84	96	93	87	90	S	2	SW	2	S	1	1.7
13	93.7	95.2	101.1	96.7	-2.3	-2.8	0.6	-0.2	-1.2	1.1	-3.7	4.8	-7.5	4.4	5.6	5.9	5.3	91	88	88	98	91	SE	-1	ENE	1	N	1	1.0
14	111.2	111.9	111.3	111.5	-3.6	-4.6	-2.2	-2.2	-3.2	-0.2	-5.0	4.8	-12.9	4.0	5.2	5.0	4.7	95	93	100	95	98	WNW	1	WSW	1	SSW	1	1.0
15	107.5	105.9	105.2	106.2	-2.7	-4.4	-3.2	-1.9	-3.0	-1.9	-4.8	2.6	-11.8	4.3	4.8	5.2	4.8	92	98	99	98	97	SSE	1	SSE	1	SSE	1	1.0
16	104.6	104.4	106.1	105.0	-0.7	-0.3	0.9	0.5	0.1	1.0	-1.9	2.9	-1.9	5.7	6.4	5.2	6.1	97	96	88	98	97	S	1	C	0	S	1	0.7
17	90.9	83.3	82.2	85.5	-1.2	-0.8	0.8	3.2	0.5	3.4	-2.3	5.7	-5.2	5.2	6.0	7.3	6.2	94	91	92	95	93	SSE	3	SSE	2	SSW	3	2.7
18	86.5	85.3	86.8	86.2	1.1	1.1	2.4	2.3	1.7	3.5	0.3	3.2	-7.0	5.7	6.6	6.8	6.4	91	87	91	95	91	SSW	2	SSW	2	SW	2	2.0
19	92.5	93.8	97.7	94.7	2.3	1.6	1.8	2.1	2.0	2.7	1.4	1.3	-0.1	6.6	6.7	6.2	6.5	97	96	96	87	94	SW	1	SW	2	W	2	1.7
20	105.8	103.9	102.3	104.0	1.4	0.5	2.3	3.5	1.9	3.5	-0.2	3.7	-2.3	5.7	6.8	7.7	6.7	83	90	95	98	92	WSW	2	SSW	2	SSW	1	1.7
21	102.4	104.9	108.4	105.2	5.2	6.3	7.4	6.4	6.3	7.7	3.5	4.2	2.8	8.8	9.4	9.2	9.1	96	92	91	95	94	WSW	2	WSW	2	WSW	2	2.0
22	113.9	114.6	114.4	114.3	6.1	5.4	6.8	2.7	5.2	7.0	2.7	4.3	-1.6	7.6	7.7	6.8	7.4	90	84	78	91	88	SW	2	SW	1	SSW	2	1.7
23	114.8	115.7	116.6	115.7	0.5	1.1	4.9	4.1	2.6	5.5	-1.1	6.6	-5.1	6.2	7.8	7.4	7.1	95	94	90	90	92	SW	1	C	0	S	1	0.7
24	113.5	110.0	107.6	110.4	3.4	2.7	6.1	0.5	3.2	6.4	0.5	5.9	-1.1	7.3	7.0	6.0	6.8	93	98	74	94	90	ESE	1	SSE	2	S	1	1.3
25	106.1	108.3	111.8	108.7	-0.7	0.8	5.1	3.1	2.1	6.0	-1.2	7.2	-3.6	5.8	7.0	5.7	6.2	93	90	80	74	84	S	1	SSW	1	SW	1	1.0
26	101.9	93.9	93.4	96.4	0.3	1.9	3.7	8.4	3.6	8.4	-0.3	8.7	-4.1	8.0	7.8	10.6	8.1	95	85	98	96	94	SSE	2	SSE	2	WSW	2	2.0
27	95.9	98.8	98.6	97.8	8.8	7.8	5.2	0.6	5.6	8.9	-0.6	9.5	-3.1	10.0	6.5	6.1	7.6	86	94	73	96	87	WSW	2	WSW	1	SSE	1	1.3
28	100.0	98.7	87.0	94.6	3.5	6.4	7.7	6.0	5.9	7.8	0.5	7.3	0.4	8.9	8.3	9.1	8.8	96	92	79	97	91	WSW	2	SSW	2	SSW	2	2.0
29	91.3	90.5	78.3	86.7	7.6	7.2	5.6	8.4	7.2	9.1	4.7	4.4	4.7	8.8	8.5	9.8	9.0	92	87	94	89	90	W	4	W	2	W	5	3.7
30	94.4	99.5	106.7	100.2	3.8	3.7	2.4	0.4	2.6	8.4	0.1	8.3	-1.1	8.9	5.5	4.9	5.8	85	87	75	78	81	WSW	3	NW	2	NW	3	2.7
31	113.4	114.2	114.8	114.1	-1.2	-3.7	-0.2	-3.7	-2.2	0.4	-4.0	4.4	-7.6	4.2	3.7	3.8	3.9	91	90	62	83	82	W	1	WNW	1	WSW	1	1.0
M	101.5	101.4	101.5	101.5	1.5	1.7	3.1	1.9	2.0	4.3	-0.6	4.9	-3.4	6.5	6.6	6.6	6.6	93	92	85	92	90	1.6	1.5	1.4	1.5			

Date	Nébulosité Cloudiness 0-10				La forme des nuages Type of clouds			Préci- pitation Precipi- tation	Couche de neige Snow cover	Remarques Remarks
	6 ^h	12 ^h	18 ^h	M	6 ^h	12 ^h	18 ^h			
1	10	10	10	10.0	Sc	As, Sc	As, Ao	0.6	.	$\text{---}^{\circ}\text{n-8}, \text{---}^{\circ}\text{17-np}; 9^{\circ}-1\text{np}$
2	10	10	10	10.0	St	St	St	3.1	.	$9^{\circ}\text{n-4}^{19}, 9^{\circ}\text{17}^{12}-21; \text{---}^{\circ}\text{n-8}; =8-17^{40}$
3	10	3	3	5.3	Sc	Cm	Ao	.	.	$9^{\circ}-1\text{n}$
4	10	10	8	9.3	Sc	Sc	Sc	4.8	.	
5	10	10	10	10.0	Ns	Cb	Sc, Cb	6.6	.	$\text{---}^{\circ}\text{n-1}^{33}, 9^{\circ}\text{7}^{58}\dots13^{57}; *9^{\circ}\text{15}^{16}-15^{30}, *9^{\circ}-1\text{16}^{30}\dots\text{np}; \Delta^{\circ}\text{15}^{54}-15^{57};$ $\Delta^{\circ}\text{15}^{57}-16^{30}$
6	10	10	10	10.0	Sc	Sc	Sc	1.3	3	$\Delta^{\circ}\text{n-8}^{16}; 9^{\circ}\text{8}^{53}-10^{33}, 9^{\circ}\text{11}^{30}-12^{29}; 9^{\circ}\text{14}^{32}-15^{18}, 9^{\circ}\text{15}^{46}\dots\text{np}$
7	10	10	10	10.0	Sc	Sc	Sc	0.0	.	$9^{\circ}\text{n-8}^{00}, 9^{\circ}\text{9}^{15}-9^{51}, 9^{\circ}\text{11}^{33}-11^{54}; *9^{\circ}-1\text{n}$
8	10	5	0	5.0	Sc	Ae, Cu	.	.	.	$\Delta^{\circ}\text{zm-n-6}^{40}; \Delta^{\circ}\text{16}^{32}-\text{np}$
9	8	8	10	8.7	Ao	Ao	St	0.7	.	$\text{---}^{\circ}\text{n-11}; 9^{\circ}\text{14}^{08}-15^{12}; 9^{\circ}\text{15}^{12}-\text{np}; \Delta^{\circ}\text{16}^{10}-\text{np}$
10	10	10	10	10.0	St	Ns	St	9.0	.	$9^{\circ}\text{8}^{51}-11^{06}, 9^{\circ}\text{11}^{08}-15^{14}; =\text{n-12}^{10}, =14^{10}-\text{np}; =12^{40}-14^{10}; 9^{\circ}\text{18}^{08}-\text{np}$
11	7	8	10	8.3	Ci, Ao	As, Ci	As	1.1	.	$=\text{na-7}^{15}, 9^{\circ}\text{18}^{37}-20^{44}$
12	10	10	0	6.7	Ns	Ns	.	0.3	.	$9^{\circ}\text{1-1}^{38}, 9^{\circ}\text{11}^{09}-13^{01}; \text{---}^{\circ}\text{16}^{20}-\text{np}$
13	2	10	10	7.3	Ci	Sc	Sc	4.0	.	$\text{---}^{\circ}\text{n-12}; \Delta^{\circ}\text{2-14}^{29}-19^{24}$
14	0	10	10	6.7	.	Ns	Ns	0.0	6	$=\text{7}^{30}-10; *9^{\circ}\text{14}^{16}-14^{33}$
15	10	10	10	10.0	St	St	Ns	1.9	5	$*9^{\circ}\text{17}^{12}-19^{41}$
16	10	10	10	10.0	Ns	St	St	0.1	6	$\Delta^{\circ}\text{n-9}^{03}; 9^{\circ}\text{12}^{32}-13^{04}$
17	10	10	9	9.7	Ao, As	St	Sc	2.5	5	$*9^{\circ}\text{17}^{06}-11^{46}; 9^{\circ}\text{13}^{03}-15^{24}, 9^{\circ}\text{16}^{10}-17^{36}$
18	10	8	10	9.3	Sc	Sc	Ns	3.7	4	$*9^{\circ}\text{na-6}^{45}; 9^{\circ}\text{8}^{36}-9^{27}, 9^{\circ}\text{10}^{19}\dots11^{44}; 9^{\circ}\text{9}^{51}-10^{06}, 9^{\circ}\text{13}^{59}\dots\text{np}$
19	10	10	10	10.0	Sc	Sc, Cb	Sc	1.0	.	$*9^{\circ}\text{n-17}^{42}$
20	10	10	10	10.0	Sc	Ns	Ns	5.0	.	$\Delta^{\circ}\text{10}^{21}-\text{np}$
21	10	10	10	10.0	Ns	Ns	Ns	3.3	.	$9^{\circ}\text{n-8}^{39}, 9^{\circ}\text{7}^{07}-10^{02}, 9^{\circ}\text{1-15}^{58}-\text{np}$
22	10	10	0	6.7	St	As, Ao	.	0.0	.	$9^{\circ}\text{5}^{56}-6^{48}, 9^{\circ}\text{7}^{39}-8^{27}; 9^{\circ}\text{11}^{30}-11^{39}, 9^{\circ}\text{12}^{30}-12^{33}$
23	10	10	10	10.0	As, Ao	Sc	Sc	0.0	.	$\text{---}^{\circ}\text{n-6}^{21}; 9^{\circ}\text{6}^{21}\dots7^{31}$
24	10	1	2	4.3	Sc	Ci	Cu	.	.	$\Delta^{\circ}\text{zm-17-np}$
25	10	8	7	8.3	Ao	Sc	Ao	.	.	$\text{---}^{\circ}\text{n-8}^{10}$
26	10	10	10	10.0	Ao	Ns	Sc	12.9	.	$\text{---}^{\circ}\text{n-6}^{30}; 9^{\circ}\text{1-7}^{57}-17^{08}, 9^{\circ}\text{1-18}^{38}\dots\text{np}$
27	10	9	10	9.7	Sc	Ci, Cu	Sc	0.0	.	$*9^{\circ}\text{1-6}^{13}, 9^{\circ}\text{6}^{53}-7^{16}, \text{---}^{\circ}\text{17-18}^{20}$
28	10	10	10	10.0	Sc	As, Cu	Ns	6.6	.	$*9^{\circ}\text{na-6}^{43}, 9^{\circ}\text{1-14}^{03}\dots\text{np}$
29	10	10	10	10.0	Cb, Ao	Cb, As	Sc	13.0	.	$9^{\circ}\text{1-1}^{31}, 9^{\circ}\text{1-11}^{17}-17^{53}, 9^{\circ}\text{1-18}^{15}\dots\text{np}$
30	8	8	7	7.7	Sc, Cu	Ao, Cu	Cu, Ao	1.1	.	$*9^{\circ}\text{5}^{14}-6^{44}, 9^{\circ}\text{1-7}^{06}\dots9^{48}, 9^{\circ}\text{11}^{15}-11^{21}, \Delta^{\circ}\text{15}^{18}-15^{36}$
31	0	2	0	0.7	Sc, Cu	Ao, Cu	,	6.1	.	$\Delta^{\circ}\text{n}; \text{---}^{\circ}\text{16-np}$
M	8.9	8.7	7.9	8.5				88.9*		"Le total mens. Monthly mean

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