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COMMISSIE METEOROLOGISCHE VOORLICHTING  
VOOR STRAALVLIEGTUIGEN

**CLIMATOLOGY OF AMSTERDAM  
AIRPORT (SCHIPHOL)**

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Corrigenda

p. 14 in the footnote, second line from below, replace "between brackets" by "in italics"

Table II (p. 50-81) second line of the heading, "Cloud base in m ( $> 4/8$ ) below" should read "Cloud base in m ( $N_s > 4/8$ ) below"



**CLIMATOLOGY OF AMSTERDAM AIRPORT (SCHIPHOL)**



KONINKLIJK NEDERLANDS METEOROLOGISCH INSTITUUT

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## PREFACE

The present climatological survey of Amsterdam Airport — Schiphol — has been prepared by a Working Group, consisting of meteorologists of the Royal Netherlands Meteorological Institute, the Royal Netherlands Air Force, the Royal Netherlands Navy and the Royal Dutch Airlines (KLM).

Professor Dr. F. H. Schmidt of the Royal Netherlands Meteorological Institute acted as chairman of the Group. The majority of the computations necessary for the compilation of the tables and the construction of the figures were carried out at the Meteorological Institute under the supervision of Mr. I. C. van de Klippe.

*The Director in Chief of the  
Royal Netherlands Meteorological Institute*

PROF. DR. W. BLEEKER



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## 1. INTRODUCTION

The primary purpose of the present publication which has been prepared in pursuance of Rec. 16/9 of the fifth session of the Meteorological Division of ICAO (Doc. 8028-MET/528, para 16.4) is to provide airspace users interested in the Airport of Amsterdam, Schiphol, with some aeronautical data concerning the climatology of the airport.

The tables presented in this paper are based upon the hourly observations made during the period January 1, 1949 through December 31, 1963, providing 131,472 observations in total. Earlier observations made during the periods January 1, 1930 through April 30, 1940 and July 1, 1945 through December 31, 1948 were available. However, these data have not been used in preparing the tables for the following reasons:

- a) On January 1, 1949 a completely revised code form for synoptic observations was introduced. The new codes for some elements, such as visibility, height of the cloud base and wind, differ from the old codes to such an extent that an easy and satisfactory combination of the two sets of data in one table was not deemed possible.
- b) The data from the earlier periods are more heterogeneous due to gaps during night hours.
- c) A combination of the earlier observations with the observations made since 1949 seems to be of little use as many environmental changes took place immediately after the war.

In order to get some idea of possible differences between the climatological characteristics of Schiphol before and after January 1, 1949, two tables (annexes I and II) have been added with data on the visibility and wind conditions before January 1, 1949.

In deciding on the lay-out and the scope of the present tables which differ in some respects from those prescribed by the WMO Technical Regulations, Chapter 12.4, due regard was paid to the requirements of airline operating agencies. The most important differences with the WMO Technical Regulations are the use of percentage frequencies in some tables rather than actual frequencies, and the use of hourly observations instead of three-hourly ones. Furthermore, tables of other climatological elements, such as the duration of fog, the frequency of crosswind and headwind on the main runways, the relative humidity, the frequency of certain, specified weather types and the amount of precipitation, have been added.

## 2. GENERAL REMARKS

The general climatic conditions of the Netherlands are to a very large extent determined by the geographical situation of the country on the north-western shore of the European continent. Thus, the country is exposed to the direct influence of the predominantly westerly circulation over the North Atlantic Ocean. This results in a typically mild maritime climate with cool summers and generally mild winters. Most of the time the weather is controlled by alternating series of depressions and ridges of high pressure moving in an easterly or north-easterly direction across north-western Europe.

Depressions generally pass well to the north of the Netherlands, resulting in unsettled weather conditions in the country with a rather high frequency of moist southwesterly winds, of low clouds and of a limited or poor visibility. This type of weather may occur at any time of the year, but it occurs most frequently from October to March, due to the intensification and southward displacement of the cyclone tracks over the North Atlantic. Warm fronts connected with these depressions move eastward over the region and often are followed by polar or arctic outbreaks with strong northwesterly-northerly gales and heavy showers.

Anticyclonic conditions north of the country which occur less frequently cause the spreading westward of dry continental air. Thus, in summer they result in warm periods and in winter in spells of cold weather which may last for some weeks.

In the absence of any large-scale topographical features (see figure 1), the general climatic conditions of the western low-lying part of the Netherlands are rather uniform. Slight differences in climatology may be caused locally by small-scale topographical features, such as built-up areas, etc.

In the case of Schiphol the following features and physical properties of the surroundings are worth mentioning (see figure 2). The North Sea-coast lies at a distance of 20 km to the west-northwest of the airport. Under certain circumstances the "IJsselmeer" at about 15 km in an east-northeasterly direction may also influence conditions at the airport. The same applies to the "Westeinderplassen", a lake area at some 5 km to the south-southwest of Schiphol.

The airport is situated at the bottom of the former "Haarlemmermeer"; this lake was reclaimed around 1850. The former boundary of the Haarlemmermeer is still clearly indicated by the "Ringvaart", a canal encircling the Haarlemmermeer, which was constructed for the reclamation and the drainage of the present polder. The aerodrome level is 4 m below mean sea level.

The flatness of the area is demonstrated by the fact that within a radius of approximately 15 km the surface relief does not exceed 6 m.

There are some indications that the draining system of the aerodrome which of necessity is far more efficient than that of the surrounding arable land, has to some extent reduced the frequency and intensity of fog conditions, especially of radiation fog. Another contributing factor may be the large apron, the system of runways and the steadily expanding area covered with hangars, workshops and offices. No tables are given to demonstrate or prove this qualitative statement.

The built-up area of Amsterdam is found in the direction north-northeast at a distance of about 6 to 12 km from the airport and that of Haarlem to the northwest of the airport at a distance of about 14 km. There are some smaller residential areas, such as Badhoevedorp (N), Amstelveen (E), Aalsmeer (S) and Hoofddorp (W) still nearer to the airport (see figure 2). Important industrial areas are to be found around the Amsterdam harbour (14 km), near Zaandam (15-18 km) and to the north of IJmuiden (20 km).

The remaining parts of the surrounding areas are mainly used for agriculture except for a fairly extensive area covered with trees between the airport and Amstelveen/Amsterdam, the "Amsterdamse Bos" (AB on figure 2). Most of the year the ground conditions are rather humid with a high groundwater level.

Figure 3 gives the present situation of the aerodrome with runways and buildings.

### 3. DESCRIPTION OF TABLES AND FIGURES

#### 3.1 Horizontal Visibility and Height of the Cloud Base

Table Ia contains the hourly percentage frequencies for each month of the year of:

- the horizontal visibility (VV) below a specified value;
- the height ( $h_s h_s$ ) of the base of the lowest cloud layer covering more than 4/8ths of the sky below a specified value;
- horizontal visibility (VV) and/or height ( $h_s h_s$ ) of the base of the lowest cloud layer covering more than 4/8ths of the sky below specified values.

Maximum values are printed in bold face, minimum values in italics (minimum values of zero are left out). An entry in the table equals  $100 \times n/s$ , where  $n$  = total number of observed occurrences (in the sample of 15 years) in each category, and  $s$  = total number of observations (in the same sample of 15 years); both  $n$  and  $s$  are given for each hour of the day and for each month of the year. In the first column the average time of sunrise and sunset is indicated by the symbols  $\perp$  and  $\top$ , respectively.

The visibility VV (see ICAO annex 3, p. 20) is estimated from the site of the observer (see "0" in figure 3). The height of the cloud base was estimated at the same place; sometimes it was measured by using balloons or a cloud projector. Incidental information has also been drawn from aircraft reports. Since 1956 a ceilometer has been installed near the SS locator of runway 19.

It is obvious that an observation made at the observer's site is not entirely representative for the conditions elsewhere at the airport, because the distance from that location to the boundaries of the aerodrome amounts to about 4 km in some directions. In case of poor visibilities measurements of the runway visual range have been made for the runway in use at the time. However, no sufficiently reliable statistics are available for the values of the visual range at the different runways in order to compare these values with the visibility VV reported at the observer's site.

Examination of table Ia shows the following well-known facts:

- the poorest conditions occur around sunrise;
- the best conditions occur in the late afternoon;
- during the summer months the probability of fog and/or very low stratus is small. It can be stated that between 08 and 22 GMT during May, June, July and August the risk of a horizontal visibility below 1000 m and/or a cloud base below 60 m is negligible.

The annual distribution of the frequency of poor weather conditions is most remarkable. In figure 4a a graph of the percentage frequency (see also numbers on the



bottom line of table Ia) of a horizontal visibility below 800 m and/or a cloud base below 60 m has been drawn versus month of the year. For the period 1949-1963 the graph shows two peaks, one for December and one for February. Other combinations of low visibility and low cloud base give similar, though somewhat different curves. Probably the occurrence of two peaks is a result of the imperfection of the sample, i.e. mainly the shortness of the period of observation. One month with outstanding conditions may influence the entire sample to a considerable degree. This is clearly demonstrated in figure 4a, where also a dotted curve is drawn based on the observations of the period 1949 through 1958. For the latter curve the maximum in February has disappeared. Obviously the high frequency of fog during February 1959 is responsible for the peak in the graph for the years 1949 through 1963 (see table Ib). On the other hand, the 1949-1958 curve shows a relative maximum in October, which has disappeared in the 1949-1963 curve. One may conclude that the period of observation is too short to provide a highly reliable set of numbers and that, consequently, data on the variability from year to year are needed (see table Ib and figure 4b).

Table Ib clearly illustrates this variability from year to year. It contains the monthly percentage frequencies of visibility below 800 m and/or cloud base below 60 m for each year separately.

As a further illustration of the variability from year to year, the figures 4b have been constructed. They show the percentage frequency of a visibility below 800 m and/or a cloud base below 60 m ( $N_s > 4/8$ ) for different times of the day and averaged for the years 1949 through 1963 (full lines). The dotted lines indicate for both the "worst" and the "best" (only drawn if different from zero) months from the sample of 15 years the number of days with visibility conditions below the limits specified above divided by the total number of days in the month in question, times 100. In the figures 4b the times of sunrise and sunset are indicated by arrows.

### 3.2 Horizontal Visibility and Height of the Cloud Base in Relation to the Surface Wind

Table II presents the frequency distribution of three selected visibility conditions as a function of wind speed and wind direction, the selection being inspired by the users' need. Condition  $VV < 800$  m,  $h_s h_s < 60$  m for  $N_s > 4/8$  used in figures 4a, b and tables IVa-f, and not contained in the present table II, may be regarded to follow a distribution with respect to wind speed and wind direction, quite similar to that of the indicated condition  $VV < 800$  m,  $h_s h_s < 90$  m for  $N_s > 4/8$ .

The results are given for the four seasons and for the following periods of the day: 04-09 GMT; 10-15 GMT; 16-21 GMT and 22-03 GMT.

In analogy with the presentation in tables Ia and Ib, an entry in the table represents  $100 \times n/s$  where  $n$  = the total number of observed occurrences of a certain range of horizontal visibility and/or height of cloud base on the one hand and a certain range of wind direction and wind speed on the other hand, and where  $s$  = the total number of observations with a wind speed and a wind direction within the ranges in question.  $s$  is entered in italics.\*

The visibility in this table is defined in the same way as in table Ia.

It should be borne in mind that in table II the percentage of occurrence of certain poor visibility and cloud height conditions refers only to those situations in which a specific combination of wind direction and wind speed occurs.

This means that in order to obtain the *absolute* frequency of these poor conditions the numbers presented should be multiplied by the relative frequency of occurrence of the wind speed and wind direction in question.

Figure 5 gives some new information with respect to the first of the three visibility conditions indicated in table II, i.e.  $VV < 800$  m,  $h_s h_s < 90$  m for  $N_s > 4/8$ . The composition of the diagram is as follows.

Let us first discuss the three numbers near the centre of each diagram (i.e. within the smallest circle). The upper number indicates the total number of observations available (e.g. 8118 for December-January-February for the hours 04-09 GMT) The middle number denotes the percentage of calms (e.g.  $(459/8118) \times 100\% = 5.7\%$  for the same winter months and for the hours 04-09 GMT). The lower number represents the percentage of cases during calm conditions when the visibility was below 800 m and/or the height of the cloud base below 90 m (e.g. 22.9% for the winter months and for the hours 04-09 GMT). Thus, a combination of calm conditions and a visibility and/or cloud height below the limits used occurs in  $0.229 \times 5.7\% = 1.31\%$  of all cases.

The length of the poles in the diagrams, which is measured from the inner circle, indicates the percentage of occurrence of weather conditions below the specified limits when the wind blows from a certain direction. The numbers near the end points of the poles refer to the frequency of occurrence of the wind direction in question. For example, in the winter season from 04-09 GMT 252 cases with northerly winds have occurred (cf table II). This is in  $(252/8118) \times 100\% = 3.1\%$  of all cases. In  $7.1\%$  (wind speeds up to 10 knots) +  $1.2\%$  (wind speeds above 10 knots) =  $8.3\%$  of

\* It might be necessary to give here one further comment concerning the numbers  $s$ . The sum of the numbers for the different windspeeds on the same horizontal line in table II is often smaller than the total number given in the columns "all speeds". This discrepancy can be explained by the fact that no numbers have been inserted in those wind speed classes which do not contain any case with visibility within the three visibility classes under consideration. In the columns "all speeds", however, the numbers between brackets refer to all observations made in the relevant wind-direction class.

the cases with northerly winds the conditions below the limits specified occurred (these percentages can be estimated easily with the aid of the various circles in the diagrams). Thus, northerly winds and at the same time a visibility below 800 m and/or a cloud base below 90 m occur in  $0.083 \times 3.1\% = 0.26\%$  of all cases.

It can be easily seen from the numbers in table II (see also figure 5) that during the winter season and for the hours 04-09 GMT bad conditions occur most frequently when the wind blows from the directions  $170^\circ$  through  $190^\circ$ ; the percentage of occurrence of this combination amounts to  $0.181 \times 13.1\% = 2.37\%$ .

As far as the distinction between wind speeds up to 10 knots and above 10 knots is concerned, it is clear that generally speaking bad conditions tend to occur during situations with low wind speeds.

### 3.3 Duration of Fog

Table III gives for each month of the year the frequency of occurrence (based on observations from the period January 1, 1949 through December 31, 1963) of horizontal visibility (estimated at the normal observation post) below certain specified limits (i.e. below 200 m, 400 m, 600 m, 800 m, and 1000 m) as a function of the length in time (in hours) during which the specific visibility condition occurred.

The entries refer to the 6-hourly period during which the poor visibility was first observed.

Inspection of the table shows that often a number referring to a lower visibility limit is larger than the one referring to a higher visibility limit although they appear on the same line in the table. This will be the case when a certain visibility condition starts in a particular 6-hourly period, and after one or more hours, but in the same 6-hourly period is followed by a condition of lower visibility. Consequently the condition with the higher visibility will appear on a line of longer duration than the one with lower visibility.

With regard to the *total number of hours* with a certain visibility condition in a given 6-hourly period it also may occur that the total number does not increase with increasing visibility range. This can be explained by the fact that it is possible that a period of low visibility starts in a time group next to the one in which the period of higher visibility started.

However, the total number of hours with a certain visibility condition in a given month, without respect to the time of the day, always will increase with increasing visibility range. For example, in the case of January, we find at Schiphol as a total over 15 years 149 hours with visibility below 200 m, 305 hours below 400 m, 465 hours below 600 m, 569 hours below 800 m and 672 hours below 1000 m.

Table IIIa contains the data on the duration of fog at Amsterdam Airport (Schiphol), whereas table IIIb gives the results for Eelde, the Netherlands alternate for Schiphol.

### 3.4 Miscellaneous Information on Horizontal Visibility and Height of the Cloud Base

Most data in the six tables (numbered IVa-IVf) refer to conditions during which horizontal visibility estimated at the observer's site is below 800 m and/or height of base of the lowest clouds covering more than 4/8ths of the sky is below 60 m.

In table IVa the number of uninterrupted periods with the conditions defined above are given for Schiphol for every month; a subdivision is made into two classes, one containing the cases with a duration of less than or equal to two hours and the other containing the cases with a duration in excess of two hours. This subdivision has been made because it may be important to have also an impression of the probability of "bad weather" periods of more than two hours duration.

Table IVb gives the total duration (in hours) of poor visibility conditions for the cases contained in table IVa. The last two columns give the average values for the twelve months based on the fifteen years of record.

Table IVc gives the number of hours for the period January 1949 through December 1963 and the percentage frequency of horizontal visibility below 800 m and/or cloud base below 60 m ( $N_s > 4/8$ ). In this table the data are also given separately for periods up to two hours and for those longer than two hours.

Table IVd gives the number of periods of ten hours or more during which the conditions specified above prevailed at Schiphol as well as the longest period recorded in each year. It is evident that the occurrence of "bad weather" conditions shows large variations from year to year. It is interesting to note the uninterrupted period of 96 hours in the year 1959; it occurred in February, a month with frequent fog situations (see also figure 4a).

Because Eelde has been chosen as the official alternate for Schiphol, it was thought of some use to investigate what conditions tend to prevail at Eelde when the situation at Schiphol is bad. A comparison of the visibility conditions at Eelde Airport and at Schiphol for three non-overlapping classes of visibility is given in table IVe. No information is given on the total duration of the bad weather.

If a complete record had been available for the 15 years, the numbers in the second column of table IVe would have been equal to the sum of the numbers in the corresponding horizontal line of table IVb. For example, for the month of January the total number of hours with the conditions specified at Schiphol equals  $1 + 24 + 10 + 35$  etc. = 682, which is larger than the corresponding number 675 in table IVe. Thus, a

comparison of these numbers for the different months shows that the numbers do not match in every case; this is due to the fact that some observations for the years 1949 through 1954 are lacking for Eelde. The Schiphol observations made at times that no observations for Eelde were available have been omitted from the second column of table IVe. The most important conclusion we may draw from table IVe is that on the average in about 50% of the hours of "bad" visibility at Schiphol the conditions at Eelde are considerably better.

Table IVf gives the number of hours and the percentage frequency of occurrence of the conditions specified at Schiphol during which the conditions at Eelde are  $VV \geq 1600$  m,  $h_s h_s \geq 120$  m or  $h_s h_s = 60-120$  m ( $N_s < 5/8$ ), subdivided into periods shorter than 2 hours and periods longer than 2 hours. Obviously during the cold season (December-April) long lasting "bad weather" situations tend to be present over a large part of the country, whereas short lasting periods are more of a local character. This is shown by the percentage frequency of occurrence of situations with Schiphol below the limits specified and Eelde above the same; i.e. 49, 46, 46, 62 and 52 for bad weather periods lasting less than two hours and 20, 28, 28, 36 and 43 for bad weather periods lasting more than two hours. During the remaining months short- and long-period bad weather situations do not show such a different behaviour.

### 3.5 Surface Wind

The surface wind at Schiphol was measured at the observer's site by means of a Dines anemometer at a height of 10 m above the ground. Wind speeds were determined hourly as a 10-minutes average. The location of the anemometer was not very satisfactory due to the surrounding buildings and the nearby platform. It may, nevertheless, be assumed that the results of the wind observations presented here are to a sufficient degree of accuracy representative for the various runways. Therefore, it seemed worthwhile to combine runway directions with the occurrence of certain wind directions and wind speeds.

Table Va contains the percentage frequency of occurrence of a certain wind speed and a certain wind direction. The frequencies are given separately for the four seasons and for the four 6-hour periods of the day. In each column maximum and minimum percentage frequencies are printed in bold face and italics, respectively.

In figure 6 the contents of table Va are presented in graphical form; in this figure the wind speeds are given in four classes only; calm (indicated inside the inner circle of the graphs; within the inner circle is given also the total number of observations), wind speeds 1-10 knots, 11-20 knots and larger than 20 knots.

The percentage frequency of crosswind of a certain strength with respect to the

three main runways of Schiphol and to a combination of these three runways is presented in table Vb (see also figure 3). The geographical direction of the runways is given in units of  $10^\circ$ . The last section of the table contains the relative frequency of crosswind in case one is free to choose any one of the runways in order to reduce the crosswind as much as possible. With the three runways that have been considered it is possible to avoid crosswinds above 15 knots completely. The frequencies are given for the twelve months and for the four 6-hour periods of the day, separately.

Low wind speeds along the runway in combination with high temperatures may hamper operations with jet aircraft. Table Vc provides information on the occurrence of such situations for the six main runway directions, for the twelve months and for four classes of headwind speeds, but irrespective of the time of the day. The indication 01 for a runway means a headwind from direction 01, etc. In table Vc no subdivision with respect to the time of the day has been made because the relatively small number of observations does not permit such a procedure. One should bear in mind that high temperatures will as a rule occur only during the late morning and early afternoon. Table VI gives the necessary information with respect to the diurnal variation of temperature.

### 3.6 Temperature

In Table VI are shown the two-hour mean temperatures  $T_m$  and their standard deviations  $\sigma$  measured at a height of 2 m in a screen at the observer's site. The temperatures determined in this way are not quite representative for the actual runway temperatures. As an experiment during the summer of 1958, temperatures were measured at various heights over a runway. It was found that on almost every day (93% of all cases) the temperature at a height of 2 m above the runway averaged over the three hours around noon was  $1^\circ\text{C}$  or more in excess of the screen temperature.

The standard deviation  $\sigma$  provides a measure of the probability that the monthly average of the temperature at a certain hour will deviate from the 15-year average. As is well known, there is a probability of 32% that the temperature will be larger than  $T_m + \sigma$  or smaller than  $T_m - \sigma$ ; the probability of a deviation from  $T_m$  larger than  $2\sigma$  equals 5%. It is assumed here that the distribution of  $T_m$  over the fifteen years is normal. In general this is not a bad assumption though it may not be justified for each month. For example, the relatively high value of  $\sigma$  for February is mainly caused by the extreme coldness of February 1956.

### 3.7 Temperature and Pressure

Table VII gives the total number of hours of the simultaneous occurrence of a

certain air temperature observed in the screen and a certain pressure, reduced to mean sea level. The numbers are based on hourly observations and are grouped together for the four seasons. Because at Schiphol the correction of pressure to sea-level pressure has a value of only  $-0.5$  mb, the distribution may be used to evaluate the density distribution at the ground.

### **3.8 Relative Humidity**

Table VIII contains the average value of the relative humidity for the twelve months and for every two hours as well as the mean daily maximum and minimum values.

### **3.9 Precipitation**

Table IX shows the average monthly amount of precipitation as well as the extreme values observed during the fifteen years that have been considered.

### **3.10 Weather**

Table X gives a survey of the occurrence of the most important "weather" types. As is indicated in the table several weather types (see the synoptic ww-code) have been taken together in order to facilitate the use of the table. Weather types that are based on visibility have not been included since all relevant information has been given in tables I, II, III and IV. The data of table X are presented in the form of percentage frequencies of occurrence of the weather type in question and they are computed for the different seasons, for the four 6-hour periods of the day and also for the day as a whole.

#### 4. ANNEXES I AND II

In annex I the frequency of occurrence of situations with visibility VV below 1000 m is compared for the years before 1949 for which data were available (i.e. for May and June 13 years and for the other months 14 years) and the fifteen years 1949-1963; the two samples are indicated by the symbols  $f_1$  and  $f_2$ . By and large, the frequency of fog appears to be a little larger for the last period; the yearly averages for the two periods being 3.7 % and 4.1 %, respectively. In view of the large variations from year to year (tables Ib and IVd) the difference is probably not significant.

Annex II shows the frequency of wind directions in double points (32 = N, 02 = NNE, 04 = NE, 06 = ENE, etc.) and wind force in the Beaufort scale (0 B = 0-1 knots; 1 + 2 B = 2-6 knots; 3 B = 7-10 knots; 4 B = 11-15 knots; 5 B = 16-20 knots; 6 B = 21-25 knots). The observations are given for the four seasons separately.



## 5. LIST OF TABLES

TABLE Ia. Hourly percentage frequency for each month of the year of (a) the horizontal visibility (VV) below a specified value, (b) the height ( $h_s$ ) of the base of the lowest cloud layer covering more than 4/8ths of the sky below a specified value, (c) the horizontal visibility (VV) and/or the height ( $h_s$ ) of the base of the lowest cloud layer covering more than 4/8ths of the sky below specified values. (p. 24)

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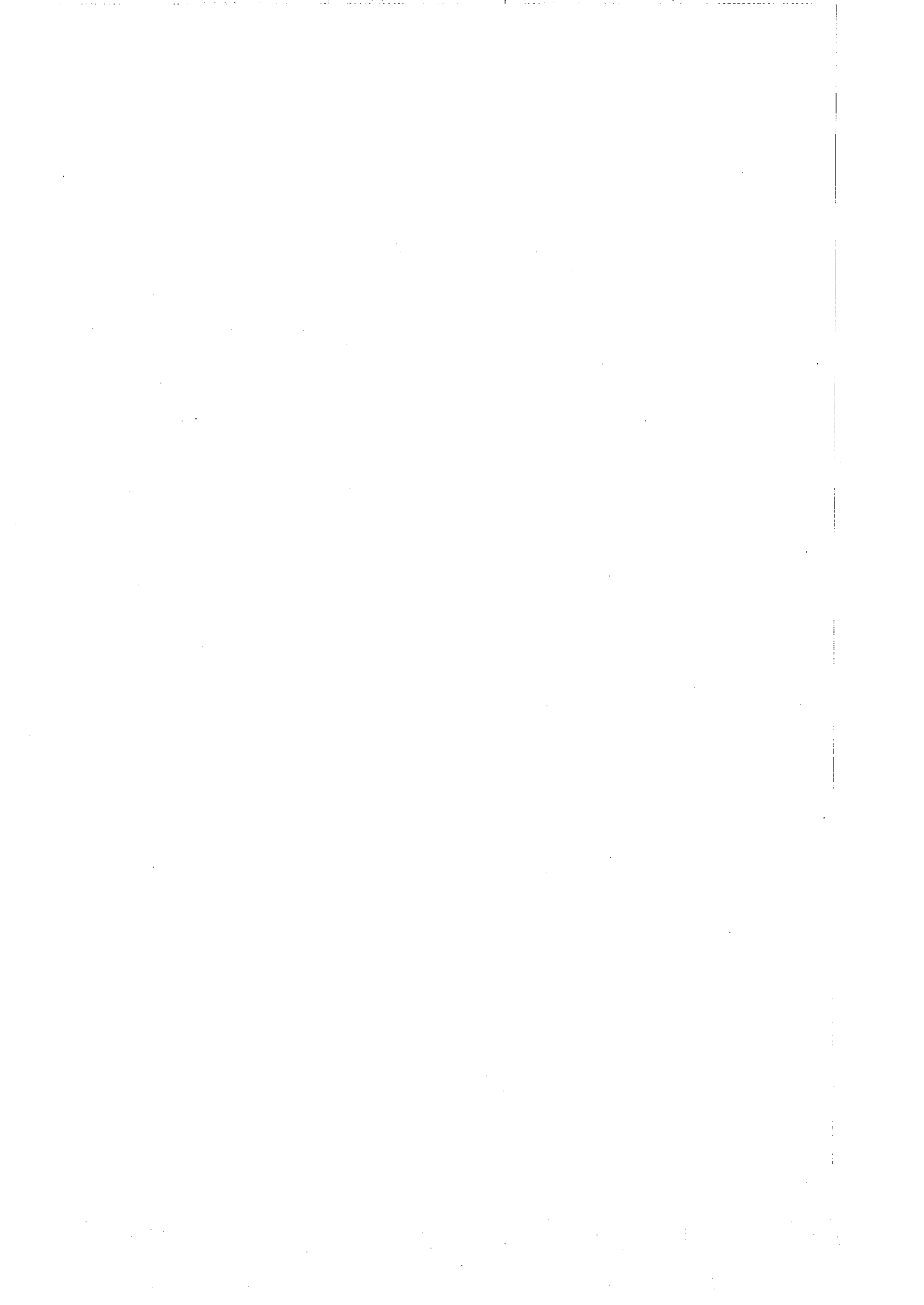
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TABLE X. Percentage frequency of occurrence at Schiphol of the most important weather types. (p. 128)

ANNEX I. A comparison of the frequency of occurrence of a horizontal visibility below 1000 m during the period before 1949 ( $f_1$ ) and the period 1949 through 1963 ( $f_2$ ). (p. 130)

ANNEX II. Percentage frequency of occurrence of a certain wind force (Beaufort scale) and a certain wind direction at Schiphol before 1949 for the four seasons (period: January 1930 through April 1940 and July 1945 through December 1948). (p. 134)



January (1949 — 1963)

$h_s h_b$ (m)									30	60	90	300		
	200	400	600	800	1000	1200	4800					200	200	
VV (m)														
GMT														
00	1.1	2.8	4.1	4.7	5.2	6.9	26.9	1.1	3.2	4.7	19.4	1.9	3.7	
01	0.9	2.4	4.7	5.6	6.5	7.5	29.0	0.6	4.7	7.3	22.4	1.5	4.9	
02	0.9	2.6	4.3	4.9	6.2	8.0	28.8	1.1	4.5	6.7	23.2	1.9	4.7	
03	1.1	2.8	4.5	5.8	6.5	7.5	27.5	<b>1.3</b>	5.4	7.7	22.6	1.9	5.6	
04	1.7	3.4	5.2	6.7	7.5	8.6	29.2	0.4	4.7	7.7	22.6	1.9	5.4	
05	1.7	3.4	<b>5.6</b>	6.2	7.7	8.6	28.5	0.6	5.8	8.6	21.9	2.2	<b>6.5</b>	
06	1.7	3.4	5.4	6.7	7.5	8.4	28.0	1.1	<b>6.0</b>	9.0	20.9	1.9	<b>6.5</b>	
07	1.1	2.8	4.7	6.2	6.9	8.0	30.5	0.9	5.8	9.7	22.8	1.5	5.8	
08	<b>2.6</b>	<b>4.5</b>	5.4	6.9	<b>8.6</b>	<b>9.9</b>	<b>41.7</b>	1.1	4.9	<b>10.3</b>	23.7	<b>2.6</b>	5.2	
09	1.9	3.4	5.4	7.1	7.7	8.6	39.4	0.9	4.7	7.7	<b>24.7</b>	2.2	4.9	
10	1.9	4.3	<b>5.6</b>	6.9	7.5	7.7	39.1	0.2	4.9	8.2	23.9	1.9	5.4	
11	1.9	3.2	4.7	5.8	7.1	7.5	35.5	0.4	4.9	7.1	22.2	1.9	4.9	
12	1.9	3.0	4.3	4.9	5.6	6.7	32.7	0.2	3.2	5.8	20.4	1.9	3.4	
13	1.3	2.6	4.1	4.7	5.6	6.0	30.3		3.2	4.9	21.3	1.3	3.2	
14	0.9	1.9	3.9	5.4	5.8	6.0	28.8	0.2	3.2	5.4	20.2	1.1	3.2	
15	1.5	2.6	3.4	5.2	6.2	6.7	29.5		3.4	5.6	20.4	1.5	3.4	
16	1.3	1.9	3.2	4.3	5.2	6.2	33.5		2.6	5.4	22.2	1.3	2.6	
17	0.9	1.9	2.6	3.2	4.3	4.9	30.5		3.2	5.2	19.1	0.9	3.2	
18	1.1	2.2	2.8	3.2	4.7	5.4	24.1	0.2	3.4	5.4	19.1	1.3	3.9	
19	0.6	1.9	3.9	4.5	5.2	6.0	25.6	0.2	3.7	6.0	20.9	0.6	3.7	
20	1.1	2.6	3.2	3.9	4.5	5.4	26.9	0.2	3.0	5.6	22.2	1.3	3.0	
21	1.3	2.6	4.1	4.7	6.0	6.9	26.9	0.4	3.9	6.9	20.2	1.7	4.1	
22	1.3	3.0	3.7	4.7	5.8	6.9	26.9	0.2	3.4	6.7	20.2	1.5	3.9	
23	1.3	2.6	4.3	4.9	6.0	7.1	27.1	0.2	4.1	6.0	19.1	1.5	4.5	
mean	1.3	2.8	4.3	5.4	6.2	7.1	30.3	0.4	4.1	6.9	21.5	1.7	4.3	

TABLE Ia. Hourly percentage frequency at Schiphol for each month of the year of (a) the horizontal visibility (VV) below a specified value, (b) the height ( $h_s h_b$ ) of the base of the lowest cloud layer covering more than 4/8ths of the sky below a specified value, (c) the horizontal visibility (VV) and/or the height ( $h_s h_b$ ) of the base of the lowest cloud layer covering more than 4/8ths of the sky below specified values.

Maximum values are printed in bold face, minimum values in italics; minimum values of zero are left out. In the first column the average time of sunrise and sunset is indicated by the symbols  $\perp$  and  $\top$ , respectively.

30	60	30	60	30	60	90	30	60	90	60	90	300	$h_s h_b$ (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
													GMT
3.4	4.7	4.5	5.2	4.9	5.4	6.9	5.4	5.6	7.1	7.1	8.0	34.6	00
2.8	5.6	4.7	6.0	5.6	6.7	8.8	6.5	7.1	9.2	8.4	9.9	36.8	01
3.0	5.2	4.3	6.0	4.9	6.2	8.4	6.2	7.1	8.8	8.8	10.3	36.3	02
3.4	6.0	4.9	6.9	6.0	7.5	8.4	6.7	7.5	9.5	8.4	10.1	35.5	03
3.4	5.8	5.2	6.9	6.7	7.3	9.5	7.5	8.0	10.1	9.0	11.0	35.7	04
3.7	6.7	5.6	7.5	6.2	8.0	9.9	7.7	8.4	10.3	9.0	10.8	35.1	05
4.1	7.1	5.4	7.5	6.7	8.2	10.3	7.5	8.4	10.3	9.0	11.0	32.7	06
3.0	5.8	4.7	6.5	6.2	7.1	10.3	6.9	7.5	10.8	8.6	11.2	37.2	07
4.5	6.5	5.4	6.5	6.9	7.7	11.6	8.6	9.2	12.3	10.3	12.9	46.5	08
3.4	5.6	5.4	6.7	7.1	7.3	9.0	7.7	7.7	9.5	8.6	10.1	43.7	09
4.3	6.0	5.6	6.5	6.9	7.1	9.2	7.5	7.7	9.7	8.0	9.9	44.1	10
3.2	4.9	4.7	5.8	5.8	6.2	7.5	7.1	7.5	8.2	8.0	8.6	41.9	11
3.0	3.7	4.3	4.3	4.9	4.9	6.7	5.6	5.6	7.3	6.7	8.4	38.3	12
2.6	3.4	4.1	4.3	4.7	4.9	6.0	5.6	5.8	6.5	6.0	6.7	37.0	13
2.2	3.4	3.9	4.5	5.4	5.6	6.7	5.8	5.8	6.7	6.0	6.7	35.3	14
2.6	3.7	3.4	3.9	5.2	5.4	6.7	6.2	6.5	7.5	6.7	7.7	35.9	15
1.9	2.8	3.2	3.7	4.3	4.5	6.5	5.2	5.4	6.9	6.2	7.5	39.8	16
1.9	3.4	2.6	3.7	3.2	4.1	5.6	4.3	4.7	6.0	5.4	6.5	36.3	17
2.4	3.9	3.0	4.3	3.4	4.7	6.5	4.7	5.6	7.3	6.0	7.5	30.3	18
1.9	3.9	3.9	4.9	4.5	5.4	7.7	5.2	6.0	8.2	6.9	8.6	32.5	19
2.6	3.7	3.2	4.1	3.9	4.7	7.3	4.5	5.2	7.5	5.8	8.0	33.1	20
3.0	4.7	4.1	4.9	4.7	5.2	8.2	6.0	6.5	9.2	7.1	9.7	32.5	21
3.2	4.7	3.9	5.2	4.7	5.6	8.6	5.8	6.5	9.0	7.5	9.7	32.9	22
2.8	5.4	4.5	6.5	4.9	6.9	8.8	6.0	7.1	9.0	8.2	9.7	33.1	23
3.0	4.9	4.3	5.6	5.4	6.0	8.2	6.2	6.7	8.6	7.5	9.2	36.6	mean

February (1949 — 1963)

h <sub>ghs</sub> (m)								30	60	90	300	30	60
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00	2.1	5.0	5.7	7.6	8.8	9.5	29.6	0.7	5.2	7.8	19.1	2.4	5.9
01	2.1	5.7	7.1	8.5	9.5	10.2	31.4	0.7	6.2	8.8	21.5	2.4	6.9
02	1.9	5.7	6.9	8.5	9.2	10.4	32.6	0.7	5.7	8.1	20.3	2.1	6.2
03	2.8	6.2	7.8	9.2	10.2	11.4	32.2	1.2	6.4	9.7	23.2	3.5	7.3
04	3.5	5.5	9.0	9.9	10.9	12.1	33.3	1.4	6.9	9.5	21.7	4.0	7.8
05	3.3	6.6	8.8	9.7	11.8	12.8	34.3	0.9	7.3	9.2	22.7	3.8	8.8
06	2.1	5.9	8.5	9.7	12.3	13.2	35.5	0.5	7.1	10.4	25.1	2.4	8.1
07	4.5	7.1	9.7	11.8	13.5	16.3	44.0	0.5	7.8	11.6	24.8	4.5	9.2
08	5.9	8.5	11.1	12.5	13.9	15.8	46.6	0.7	8.3	11.8	24.3	5.9	9.5
09	4.0	7.3	9.7	11.8	13.2	14.7	44.7	0.5	8.5	12.3	26.0	4.0	9.5
10	3.3	6.4	8.8	10.7	11.6	13.7	40.0	0.2	7.6	11.6	24.3	3.5	8.3
11	2.1	4.5	6.4	7.6	9.2	11.6	33.6		5.2	9.5	22.5	2.1	5.9
12	1.4	2.6	4.5	6.4	7.1	8.8	32.2		3.5	7.8	21.5	1.4	3.8
13	0.2	1.7	3.1	5.0	5.7	6.4	29.1		3.1	5.2	20.6	0.2	3.1
14	0.5	0.9	2.6	5.0	5.7	6.9	27.6		3.1	5.7	18.4	0.5	3.3
15	0.7	1.7	2.1	3.8	5.5	6.9	26.7		2.4	5.0	19.4	0.7	2.6
16	1.2	2.6	3.1	5.2	6.2	7.8	30.1		3.5	6.2	19.4	1.2	3.8
17	1.4	2.1	4.3	5.7	7.1	9.5	35.2	0.5	4.3	6.4	18.7	1.4	4.5
18	1.2	2.1	3.1	4.0	5.9	7.3	31.2	0.5	3.8	6.2	17.3	1.2	3.8
19	1.4	2.4	3.8	5.5	6.2	6.9	26.9	0.9	5.0	7.3	18.9	1.7	5.0
20	1.9	3.3	4.5	5.5	6.9	7.6	28.3	0.2	4.0	6.6	18.9	1.9	4.5
21	1.9	4.7	6.2	6.9	7.6	8.3	29.3	1.4	6.2	8.1	18.4	2.4	7.1
22	1.9	4.0	5.9	7.1	7.1	7.6	28.3	0.9	5.5	7.6	17.7	2.4	5.7
23	2.4	4.5	6.2	6.9	7.1	8.3	29.8	0.9	4.5	7.8	19.1	2.8	5.7
mean	2.4	4.5	6.2	7.6	8.8	10.2	33.1	0.5	5.5	8.3	21.0	2.4	6.2

TABLE 1a (continued)

30	60	30	60	30	60	90	30	60	90	60	90	300	h <sub>s</sub> h <sub>s</sub> (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
5.0	6.6	5.7	6.9	7.6	8.1	9.5	8.8	9.0	9.9	9.7	10.7	32.9	GMT 00
5.7	7.8	7.1	8.5	8.5	9.0	10.4	9.5	9.5	10.9	10.2	11.6	36.4	01
5.7	7.6	6.9	7.8	8.5	8.8	9.9	9.2	9.2	10.2	10.4	11.1	37.8	02
6.2	7.8	7.8	8.3	9.2	9.5	11.6	10.2	10.2	11.8	11.4	12.8	38.1	03
5.7	8.3	9.0	9.9	9.9	10.2	12.1	10.9	10.9	12.3	12.1	13.0	37.1	04
6.6	9.2	8.8	9.9	9.7	10.2	11.4	11.8	11.8	12.5	12.8	13.5	39.2	05
5.9	9.2	8.5	9.5	9.7	10.4	13.0	12.3	12.3	14.2	13.2	15.1	41.4	06
7.1	10.2	9.7	10.9	11.8	12.5	14.7	13.5	13.7	15.6	16.3	17.0	48.5	07
8.5	10.9	11.1	12.3	12.5	13.2	15.1	13.9	14.2	15.8	15.8	16.8	50.8	08
7.3	10.4	9.7	10.9	11.8	12.5	13.9	13.2	13.9	15.4	15.4	16.3	49.4	09
6.6	9.0	9.0	9.9	10.7	11.1	12.8	11.6	12.1	13.5	14.2	14.7	45.2	10
4.5	6.2	6.4	7.6	7.6	8.3	10.2	9.2	9.7	10.9	11.8	12.5	38.5	11
2.6	4.0	4.5	5.0	6.4	6.4	9.0	7.1	7.1	9.2	8.8	10.4	36.6	12
1.7	2.8	3.1	3.5	5.0	5.0	5.5	5.7	5.7	6.2	6.4	6.9	33.8	13
0.9	3.5	2.6	3.8	5.0	5.5	6.6	5.7	5.9	7.1	7.1	8.3	31.0	14
1.7	2.6	2.1	2.8	3.8	4.3	5.9	5.5	5.5	6.2	6.9	7.3	31.7	15
2.6	4.0	3.1	4.3	5.2	5.7	7.6	6.2	6.4	8.1	7.8	9.2	33.3	16
2.1	4.7	4.3	5.0	5.7	6.2	7.3	7.1	7.3	8.1	9.7	10.2	38.5	17
2.1	4.0	3.1	4.5	4.0	5.0	7.1	5.9	6.4	7.6	7.8	8.8	33.8	18
2.6	5.5	3.8	5.7	5.5	6.4	8.1	6.2	7.1	8.8	7.6	8.8	31.2	19
3.3	5.0	4.5	5.7	5.5	6.2	8.1	6.9	7.3	8.3	7.6	8.3	32.2	20
5.0	7.3	6.2	7.6	6.9	7.8	9.5	7.6	8.1	9.5	8.3	9.5	33.1	21
4.0	6.2	5.9	6.9	7.1	7.3	9.0	7.1	7.3	9.0	7.8	9.2	32.2	22
4.5	5.9	6.2	6.6	6.9	7.1	9.2	7.1	7.1	9.2	8.3	9.7	33.3	23
4.5	6.6	6.2	7.3	7.6	8.3	9.9	8.8	9.0	10.4	10.4	11.4	37.3	mean

## March (1949 — 1963)

hghs (m)								30	60	90	300	30	60
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00	2.6	4.1	5.2	5.8	6.5	7.5	24.3	0.6	3.7	6.2	16.8	2.8	4.7
01	2.6	4.1	5.8	6.2	7.3	8.0	27.1	0.6	4.7	6.2	17.4	2.6	5.6
02	2.8	4.9	7.3	7.7	8.6	9.7	26.7	0.9	5.8	8.2	18.9	3.2	7.5
03	3.0	4.5	7.3	8.6	9.2	10.8	29.7	0.4	5.6	9.0	18.1	3.4	6.9
04	3.0	5.2	6.2	7.5	8.6	10.1	29.9	0.4	4.9	8.0	19.8	3.7	6.5
05	4.3	6.0	8.2	9.0	10.8	11.2	32.9	0.9	6.5	9.0	21.9	4.5	8.0
06	6.2	8.2	9.5	10.5	11.4	12.3	44.5	1.3	6.5	8.8	22.8	6.7	8.8
07	4.7	8.2	9.2	10.5	10.8	11.6	42.4	0.4	6.2	8.8	23.2	4.7	8.0
08	4.1	6.0	6.9	8.0	8.6	10.1	39.8	0.2	4.9	8.8	22.2	4.1	6.9
09	3.0	4.7	4.9	5.4	5.6	6.7	34.0	0.2	2.8	5.6	21.3	4.3	4.1
10	0.6	2.2	3.0	4.1	4.5	5.2	31.2	0.2	2.6	4.1	21.5	0.9	2.6
11	0.2	0.9	1.5	2.2	2.6	3.0	24.5		0.9	3.2	15.9	0.2	0.9
12	0.2	0.2	0.6	0.9	1.1	1.9	19.8		0.9	1.7	13.1	0.2	0.9
13	0.2	0.2	0.4	0.6	0.6	0.9	18.7		0.9	1.5	12.3	0.2	0.9
14	0.2	0.2	0.4	0.4	0.4	0.6	18.7		0.6	0.9	11.4	0.2	0.6
15	0.2	0.4	0.6	1.1	1.1	1.7	19.6		0.9	1.7	10.8	0.2	0.9
16	0.2	0.4	0.6	0.6	1.3	1.5	18.3		1.1	1.9	10.3	0.2	1.1
17	0.2	0.4	0.4	0.6	1.3	1.7	20.6		0.9	1.7	11.4	0.2	0.9
18	1.1	1.3	1.5	1.5	2.2	2.6	26.9		1.5	2.4	10.8	1.1	1.7
19	0.6	1.3	1.9	1.9	1.9	2.4	21.1		1.7	3.0	11.0	0.6	1.7
20	0.9	1.1	1.9	2.2	2.6	2.8	20.9		2.4	4.1	12.7	0.9	2.4
21	1.1	2.2	2.6	3.4	3.7	4.7	21.9	0.2	1.9	4.3	12.7	1.3	2.2
22	1.5	2.2	2.8	4.1	4.9	5.4	21.1	0.2	3.2	4.1	13.1	1.5	3.7
23	1.9	2.8	4.1	4.9	6.2	6.2	21.9	0.4	3.0	5.4	15.7	1.9	3.7
mean	1.9	3.0	3.9	4.5	5.2	5.8	26.5	0.2	3.0	4.9	16.1	1.9	3.9

TABLE Ia (continued)



30	60	30	60	30	60	90	30	60	90	60	90	300	h <sub>s</sub> h <sub>s</sub> (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
													GMT
4.1	5.2	5.2	5.8	5.8	6.5	8.2	6.5	6.9	8.4	8.0	8.8	29.9	00
4.1	6.2	5.8	6.9	6.2	6.9	8.4	7.3	7.7	8.8	8.2	9.2	31.6	01
5.4	8.2	7.3	8.6	7.7	8.8	11.0	8.6	9.2	11.4	10.3	11.6	32.9	02
4.7	7.3	7.3	8.8	8.6	9.7	<b>12.7</b>	9.2	10.1	<b>13.1</b>	11.6	13.5	35.7	03
5.6	7.3	6.2	7.5	7.5	8.2	10.3	8.6	9.2	11.2	10.5	12.3	35.5	04
6.0	8.8	8.2	9.2	9.0	9.5	11.8	10.8	11.0	12.7	11.4	12.9	40.2	05
<b>8.2</b>	9.5	<b>9.5</b>	<b>10.3</b>	<b>10.5</b>	10.8	12.5	<b>11.4</b>	<b>11.8</b>	<b>13.1</b>	<b>12.5</b>	<b>13.8</b>	<b>49.0</b>	06
<b>8.2</b>	<b>9.7</b>	9.2	10.1	<b>10.5</b>	<b>11.0</b>	11.8	10.8	11.0	11.8	11.8	12.7	48.4	07
6.0	7.5	6.9	8.0	8.0	8.6	10.8	8.6	8.8	10.8	10.3	11.6	45.4	08
4.7	4.7	4.9	4.9	5.4	5.4	7.3	5.6	5.6	7.5	6.7	8.4	41.3	09
2.2	3.2	3.0	3.7	4.1	4.1	4.7	4.5	4.5	5.2	5.2	5.6	39.1	10
0.9	1.3	1.5	1.9	2.2	2.4	3.9	2.6	2.8	3.9	3.2	4.3	29.0	11
0.2	0.9	0.9	1.3	1.1	1.5	2.2	1.3	1.7	2.4	1.9	2.4	23.7	12
0.2	0.9	0.4	1.1	0.6	1.1	1.5	0.6	1.1	1.5	1.3	1.7	22.4	13
0.2	0.6	0.4	0.6	0.4	0.6	0.9	0.4	0.6	0.9	0.9	1.1	21.5	14
0.4	1.1	0.6	1.1	1.1	1.3	2.2	1.1	1.3	2.2	1.9	2.8	21.5	15
0.4	1.1	0.6	1.1	0.6	1.1	1.9	1.3	1.5	1.7	1.7	2.4	21.3	16
0.4	0.9	0.4	0.9	0.6	1.1	1.7	1.3	1.5	1.9	1.7	2.2	23.4	17
1.3	1.7	1.5	1.7	1.5	1.7	2.6	2.2	2.4	3.0	2.8	3.2	29.5	18
1.3	1.7	1.9	1.9	1.9	1.9	3.0	1.9	1.9	3.0	2.4	3.2	24.9	19
1.1	2.4	1.9	2.4	2.2	2.6	4.3	2.6	2.6	4.3	2.8	4.3	24.5	20
2.2	2.6	2.6	3.0	3.4	3.4	5.2	3.7	3.7	5.4	4.7	6.2	26.2	21
2.2	4.1	2.8	4.3	4.1	5.2	5.8	4.9	5.4	6.0	5.8	6.5	26.7	22
2.8	4.1	4.1	4.9	4.9	5.4	7.3	6.2	6.5	7.5	6.5	7.5	26.9	23
3.0	4.3	3.9	4.5	4.5	4.9	6.2	5.2	5.4	6.7	6.0	7.1	31.2	mean

April (1949 — 1963)

h <sub>ghs</sub> (m)								30	60	90	300	30	60
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00	0.7	1.1	1.6	1.8	2.7	2.9	11.3	0.2	2.4	3.6	10.7	0.7	2.9
01	0.2	1.1	1.3	2.7	3.3	3.8	12.7	0.2	2.0	2.4	10.0	0.2	2.0
02	0.9	2.0	2.4	3.3	4.2	4.9	15.3	0.4	2.9	4.0	12.0	1.3	3.3
03	1.3	2.9	4.0	4.4	5.3	5.6	14.9		2.9	3.8	12.0	1.3	3.3
04	1.6	3.1	4.4	4.9	5.1	5.8	18.2		2.2	4.2	12.9	1.6	2.9
05	2.7	3.8	4.0	4.2	5.8	6.7	24.9	0.2	2.4	4.4	14.4	2.9	3.6
06	1.6	2.7	3.3	3.6	4.4	5.3	24.0		2.2	5.1	15.1	1.6	2.9
07	0.9	1.1	2.0	2.2	2.9	4.0	19.1		0.9	2.7	13.8	0.9	1.3
08	0.2	0.4	0.7	0.9	1.3	2.2	14.9		0.7	2.2	14.4	0.2	0.7
09		0.2	0.2	0.2	1.1	1.1	11.1		0.4	1.6	11.6		0.4
10					0.4	0.4	9.1			1.3	8.9		
11				0.2	0.2	0.4	6.4		0.4	1.1	7.3		0.4
12					0.2	0.2	5.1				6.2		
13							4.0			0.2	5.3		
14							3.1			0.2	5.3		
15						0.2	2.9		0.2	0.9	4.4		0.2
16							3.6		0.2	0.7	4.0		0.2
17							3.8		0.2	0.4	4.0		0.2
18							4.0			0.7	5.3		
19					0.2	0.2	8.9			1.1	6.4		
20		0.2	0.2	0.4	0.7	0.9	5.8		0.7	0.9	5.6		0.7
21		0.2	0.7	0.7	1.1	1.1	6.4		0.9	1.6	6.2		0.9
22	0.2	0.7	0.9	1.3	1.6	2.0	6.4		1.3	2.2	8.0	0.2	1.3
23	0.2	0.9	1.3	1.6	2.0	2.2	7.6		1.6	2.2	9.6	0.2	1.8
mean	0.4	0.9	1.1	1.3	1.8	2.0	10.2	0.04	1.1	2.0	8.9	0.4	1.1

TABLE 1A (continued)

30	60	30	60	30	60	90	30	60	90	60	90	300	h <sub>ghs</sub> (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
													GMT
1.1	3.1	1.6	3.1	1.8	3.1	4.0	2.7	3.3	4.2	3.3	4.2	16.9	00
1.1	2.7	1.3	2.9	2.7	3.3	3.8	3.3	3.8	4.2	4.0	4.4	17.3	01
2.9	4.0	2.7	4.2	3.6	4.7	5.8	4.4	5.1	6.0	5.3	6.0	19.3	02
2.9	4.2	4.0	4.9	4.4	5.1	6.2	5.3	5.8	6.2	5.8	6.2	20.0	03
3.1	4.0	4.4	4.9	4.9	5.1	7.1	5.1	5.3	7.3	6.0	7.6	24.2	04
3.8	4.4	4.0	4.7	4.2	4.9	6.7	5.8	5.8	7.6	6.7	8.4	30.9	05
2.7	3.6	3.3	4.0	3.6	4.0	6.9	4.4	4.7	7.3	5.6	7.8	28.9	06
1.1	1.6	2.0	2.0	2.2	2.2	3.6	2.9	2.9	4.2	4.0	5.1	24.9	07
0.4	0.9	0.7	0.9	0.9	1.1	2.2	1.3	1.3	2.4	2.2	3.1	22.7	08
0.2	0.4	0.2	0.4	0.2	0.4	1.6	1.1	1.1	1.8	1.1	1.8	16.9	09
						1.3	0.4	0.4	1.6	0.4	1.6	13.3	10
	0.4		0.4	0.2	0.7	1.1	0.2	0.7	1.1	0.7	1.1	10.0	11
							0.2	0.2	0.2	0.2	0.2	8.9	12
						0.2			0.2		0.2	7.8	13
						0.2			0.2		0.2	6.4	14
	0.2		0.2		0.2	0.9		0.2	0.9	0.2	0.9	5.6	15
	0.2		0.2		0.2	0.7		0.2	0.7	0.2	0.7	6.0	16
	0.2		0.2		0.2	0.4		0.2	0.4	0.2	0.4	5.6	17
						0.7			0.7		0.7	7.3	18
						1.1	0.2	0.2	1.1	0.2	1.1	11.6	19
0.2	0.7	0.2	0.7	0.4	0.7	0.9	0.7	0.7	0.9	0.9	1.1	9.1	20
0.2	0.9	0.7	1.1	0.7	1.1	1.8	1.1	1.6	2.0	1.6	2.0	10.2	21
0.7	1.8	0.9	1.8	1.3	2.0	2.2	1.6	2.0	2.2	2.4	2.7	11.1	22
0.9	2.0	1.3	2.2	1.6	2.2	2.7	2.0	2.4	2.9	2.7	3.1	13.6	23
0.9	1.6	1.1	1.6	1.3	1.8	2.7	1.8	2.0	2.7	2.2	2.9	14.4	mean

May (1949 — 1963)

h <sub>ghs</sub> (m)								30	60	90	300	30	60
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00	0.2	0.4	0.6	1.3	1.9	2.2	7.7	<b>0.4</b>	<b>1.7</b>	<b>2.2</b>	<b>8.6</b>	0.9	2.2
01	0.4	0.6	1.7	2.4	2.4	2.6	7.7		0.6	1.1	8.4	0.4	1.1
02	0.9	1.1	1.9	1.9	2.8	2.8	9.0		1.1	1.3	8.6	0.9	1.9
03	1.7	2.6	2.6	3.0	3.9	4.1	10.5	<b>0.4</b>	<b>1.7</b>	<b>2.2</b>	<b>9.5</b>	1.7	2.6
04	1.3	2.6	3.4	3.9	5.4	5.6	17.4	<b>0.4</b>	<b>1.7</b>	2.6	9.7	1.3	2.4
05	1.7	2.4	3.2	3.4	3.9	4.5	17.2	<b>0.2</b>	<b>1.7</b>	<b>3.7</b>	11.4	1.7	2.8
06	1.1	1.1	1.3	1.5	2.2	2.2	13.3		1.3	2.8	12.9	1.1	1.7
07	0.2	0.4	0.9	0.9	1.1	1.3	8.2		0.9	2.4	12.3	0.2	0.9
08			0.2	0.4	0.4	0.6	6.0		0.6	1.1	9.9		0.6
09							3.7		0.2	0.2	7.5		0.2
10							3.2				6.9		
11							2.8			0.2	6.5		
12							1.5				5.4		
13							1.9				4.5		
14							2.4				3.9		
15							1.3				3.0		
16							1.5				2.8		
17							1.3				3.9		
18					0.2	0.2	1.9			0.4	3.2		
19							1.9				3.4		
20			0.2	0.2	0.2	0.2	5.2			0.4	6.2		
21			0.2	0.4	0.4	0.4	4.9		0.6	1.3	6.9		0.6
22			0.2	0.4	1.1	1.3	4.5		1.1	1.5	6.9		1.1
23			0.6	0.6	1.3	1.5	6.0		1.3	1.5	8.0		1.3
mean	0.2	0.4	0.6	0.9	1.1	1.3	5.8	0.06	0.6	1.1	7.1	0.4	0.9

TABLE 1a (continued)

30	60	30	60	30	60	90	30	60	90	60	90	300	hb <sub>s</sub> (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
0.9	0.9	0.9	1.9	1.3	2.2	2.6	1.9	2.6	3.0	2.6	3.0	12.7	GMT 00
0.6	1.3	1.7	2.2	2.4	2.4	2.8	2.4	2.4	2.8	2.6	3.0	14.6	01
1.1	1.9	1.9	2.8	1.9	2.8	3.0	2.8	3.0	3.2	3.0	3.2	14.8	02
2.6	3.2	2.6	3.2	3.0	3.7	4.1	3.9	3.9	4.1	4.1	4.1	16.1	03
2.6	3.7	3.4	4.1	3.9	4.3	4.5	5.4	5.4	5.6	5.6	5.8	21.9	04
2.4	3.0	3.2	3.9	3.4	4.1	5.4	3.9	4.3	5.4	4.7	5.8	21.7	05
1.1	1.7	1.3	1.7	1.5	1.9	3.2	2.2	2.4	3.4	2.4	3.4	20.4	06
0.4	0.9	0.9	1.1	0.9	1.1	2.6	1.1	1.1	2.6	1.3	2.8	15.3	07
	0.6	0.2	0.6	0.4	0.6	1.1	0.4	0.6	1.1	0.6	1.1	12.7	08
	0.2		0.2		0.2	0.2		0.2	0.2	0.2	0.2	9.2	09
						0.2			0.2		0.2	7.5	10
												7.5	11
												6.0	12
												5.2	13
												4.5	14
												3.2	15
												3.4	16
												4.3	17
						0.4	0.2	0.2	0.4	0.2	0.4	3.9	18
												4.9	19
		0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.4	0.2	0.4	9.0	20
	0.6	0.2	0.6	0.4	0.6	1.3	0.4	0.6	1.3	0.6	1.3	8.8	21
	1.1	0.2	1.1	0.4	1.1	1.3	1.1	1.3	1.7	1.5	1.9	8.8	22
	1.3	0.6	1.3	0.6	1.5	1.5	1.3	1.7	1.9	1.7	1.7	11.2	23
0.4	0.9	0.6	1.1	0.9	1.1	1.5	1.1	1.3	1.5	1.3	1.5	10.3	mean

June (1949 — 1963)

h <sub>s</sub> h <sub>s</sub> (m)								30	60	90	300		
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00		0.4	0.7	0.7	0.7	0.9	6.2		0.2	0.7	6.4		0.2
01	0.2	0.4	0.9	0.9	1.1	1.1	7.8		0.2	0.4	7.6	0.2	0.4
02		0.9	1.1	1.1	1.6	1.6	8.2			0.7	10.0		
03	0.4	1.1	1.3	1.3	1.6	2.0	19.3		0.4	0.9	9.1	0.4	0.7
04	1.1	1.1	1.8	2.4	3.6	3.8	21.1		1.1	2.0	12.2	1.1	1.6
05	0.9	1.3	2.0	2.4	2.9	3.1	17.8		0.9	1.8	12.9	0.9	1.6
06	0.7	0.7	0.9	1.1	1.1	1.1	12.9		0.7	1.3	14.7	0.7	0.9
07	0.2	0.7	0.7	0.7	0.7	0.7	8.0		0.2	1.3	13.6	0.2	0.2
08			0.2	0.2	0.2	0.2	5.1			0.9	11.6		
09							4.7			0.2	9.1		
10							3.8				7.1		
11							2.7				5.6		
12							2.2				4.2		
13							1.6				3.8		
14							2.4			0.4	2.7		
15					0.2	0.2	1.3			0.2	3.3		
16							1.1			0.2	3.3		
17							3.3				3.3		
18							2.9			0.4	3.8		
19							3.3			0.2	3.8		
20		0.2	0.2	0.2	0.2	0.2	4.7			0.7	3.6		
21					0.2	0.2	4.9		0.4	0.7	3.8		0.4
22		0.2	0.2	0.2	0.2	0.2	4.4			0.4	5.1		
23		0.2	0.2	0.2	0.4	0.4	4.4		0.2	0.9	5.1		0.2
mean	0.2	0.2	0.4	0.4	0.7	0.7	6.4		0.2	0.7	6.9	0.2	0.2

TABLE 1A (continued)

30	60	30	60	30	60	90	30	60	90	60	90	300	$h_s h_s$ (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
0.4	0.7	0.7	0.9	0.7	0.9	1.3	0.7	0.9	1.3	0.9	1.3	10.0	GMT
0.4	0.7	0.9	1.1	0.9	1.1	1.1	1.1	1.3	1.3	1.3	1.3	12.4	00
0.9	0.9	1.1	1.1	1.1	1.1	1.6	1.6	1.6	2.0	1.6	2.0	14.2	02
1.1	1.3	1.6	1.8	1.6	1.8	2.2	1.8	2.0	2.4	2.4	2.9	24.9	03
1.1	1.6	1.8	2.2	2.4	2.7	3.6	3.6	3.6	4.0	3.8	4.2	26.7	04
1.3	2.0	2.0	2.4	2.4	2.7	2.9	2.9	3.1	3.3	3.1	3.3	25.1	05
0.7	0.9	0.9	0.9	1.1	1.1	1.3	1.1	1.1	1.3	1.1	1.3	21.3	06
0.7	0.7	0.7	0.7	0.7	0.7	1.3	0.7	0.7	1.3	0.7	1.3	17.3	07
		0.2	0.2	0.2	0.2	0.9	0.2	0.2	0.9	0.2	0.9	13.3	08
						0.2			0.2		0.2	10.9	09
												8.2	10
												6.4	11
												4.9	12
												4.2	13
						0.4			0.4		0.4	3.8	14
						0.2	0.2	0.2	0.4	0.2	0.4	4.2	15
						0.2			0.2		0.2	4.2	16
												4.4	17
						0.4			0.4		0.4	4.9	18
						0.2			0.2		0.2	5.1	19
0.2	0.2	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.7	0.2	0.7	5.6	20
	0.4		0.4		0.4	0.7	0.2	0.4	0.7	0.4	0.7	6.9	21
0.2	0.2	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.7	0.2	0.7	8.0	22
0.2	0.4	0.2	0.4	0.2	0.4	1.1	0.4	0.4	1.1	0.4	1.1	7.8	23
0.2	0.4	0.4	0.4	0.4	0.7	0.9	0.7	0.7	0.9	0.7	0.9	10.7	mean

July (1949 — 1963)

h <sub>g</sub> h <sub>s</sub> (m)								30	60	90	300		
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00			0.4	1.1	1.3	1.3	7.7		0.2	0.2	7.1		0.2
01	0.4	0.6	0.9	1.3	1.3	1.3	9.7		0.2	0.6	7.3	0.4	0.6
02	0.6	1.3	1.7	2.2	2.4	2.4	10.8	0.2	0.2	0.2	8.8	0.6	0.6
03	1.3	1.9	2.6	2.8	3.0	3.2	15.7	0.4	1.1	1.1	10.1	1.7	2.2
04	1.7	2.4	2.8	3.4	3.7	3.9	19.8		0.6	0.9	11.8	1.7	1.9
05	1.1	1.9	2.4	2.8	3.2	3.4	17.4		0.4	0.9	11.6	1.1	1.5
06	0.4	1.5	1.5	1.7	2.4	2.8	13.8		0.6	1.5	11.2	0.4	0.9
07	0.2	0.6	0.6	1.1	1.1	1.1	8.6			0.9	11.6	0.2	0.2
08					0.2	0.2	6.7			0.4	12.3		
09							4.1			0.2	5.6		
10							4.1				5.6		
11							2.8				4.7		
12						0.2	1.9				4.5		
13							2.8				4.3		
14							1.7				3.4		
15							3.2				2.6		
16							1.9				3.4		
17							1.1				3.4		
18							1.7				3.7		
19							2.8				4.3		
20						0.2	4.5				3.9		
21							4.3			0.4	4.5		
22					0.2	0.2	4.1			0.2	6.0		
23	0.2	0.2	0.4	0.4	0.4	0.4	4.7			0.4	6.0	0.2	0.2
mean	0.2	0.4	0.6	0.6	0.9	0.9	6.5	0.02	0.2	0.4	6.7	0.2	0.4

TABLE 1a (continued)



30	60	30	60	30	60	90	30	60	90	60	90	300	h <sub>s</sub> h <sub>s</sub> (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
													GMT
	0.2	0.4	0.6	1.1	1.3	1.3	1.3	1.5	1.5	1.3	1.5	12.7	00
0.6	0.9	0.9	1.1	1.3	1.5	1.9	1.3	1.5	1.9	1.5	1.9	14.6	01
1.3	1.3	1.7	1.7	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.4	15.7	02
2.2	2.4	2.8	2.8	3.0	3.0	3.0	3.2	3.2	3.2	3.4	3.4	21.5	03
2.4	2.4	2.8	2.8	3.4	3.4	3.4	3.7	3.7	3.7	3.9	3.9	26.7	04
1.9	1.9	2.4	2.4	2.8	2.8	2.8	3.2	3.2	3.2	3.4	3.4	24.1	05
1.5	1.5	1.5	1.5	1.7	1.7	2.2	2.4	2.4	2.4	2.8	2.8	22.2	06
0.6	0.6	0.6	0.6	1.1	1.1	1.3	1.1	1.1	1.3	1.1	1.3	15.9	07
						0.4	0.2	0.2	0.4	0.2	0.4	14.8	08
						0.2			0.2		0.2	7.7	09
												6.9	10
										0.2	0.2	6.2	11
												5.2	12
												5.8	13
												4.7	14
												4.9	15
												4.3	16
												4.1	17
												4.5	18
												5.8	19
						0.4			0.4	0.2	0.2	6.9	20
						0.2	0.2	0.2	0.4	0.2	0.4	7.3	21
0.2	0.2	0.4	0.4	0.4	0.4	0.9	0.4	0.4	0.9	0.4	0.9	8.6	22
												9.5	23
0.4	0.4	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	1.1	10.8	mean

August (1949 — 1963)

h <sub>s</sub> h <sub>s</sub> (m)								30	60	90	300			
VV (m)	200	400	600	800	1000	1200	4800					200	200	
GMT														
00	0.2	0.6	0.6	1.3	1.5	1.5	9.2					4.1	0.2	0.2
01		0.6	1.9	2.4	2.8	3.2	11.6	0.4		0.4	6.0		0.4	
02	1.1	1.7	2.6	3.0	3.7	3.7	13.8	<b>0.2</b>	<b>1.3</b>	1.3	4.7	1.1	1.5	
03	1.1	2.2	3.0	3.9	4.5	4.9	16.6	<b>0.2</b>	0.6	<b>1.5</b>	6.7	1.1	1.3	
04	1.7	2.8	3.9	<b>5.2</b>	<b>5.6</b>	<b>6.2</b>	25.4	<b>0.2</b>	0.9	<b>1.5</b>	7.5	1.7	1.9	
05	<b>2.6</b>	<b>3.4</b>	<b>4.3</b>	4.9	5.4	6.0	<b>28.2</b>	0.4		1.1	8.2	<b>2.6</b>	<b>2.6</b>	
06	1.1	1.3	1.7	2.4	3.4	4.1	23.9	0.4		0.6	9.0	1.1	1.1	
07	<b>0.2</b>	0.6	0.6	0.6	1.3	1.3	16.6	0.2		1.7	9.7	<b>0.2</b>	0.4	
08				0.4	0.4	0.6	9.7	0.2		0.6	<b>10.3</b>	0.2		
09										0.2	8.4			
10										6.9				
11										3.2				
12										2.6				
13										2.6				
14										1.9				
15										2.2				
16										2.4				
17										0.2		2.8		
18												2.2		
19												2.8		
20					0.2	0.2	6.0			2.4				
21					0.2	0.2	6.2			0.2		3.7		
22	0.2		0.4	0.4	0.6	0.9	6.9	<b>0.2</b>	0.2	0.4	3.4	0.2	0.2	
23	0.4	0.6	0.9	1.3	1.5	1.7	7.3	0.2		0.2	5.2	0.4	0.6	
mean	0.4	0.6	0.9	1.1	1.3	1.5	9.2	0.04	0.2	0.4	4.9	0.4	0.4	

TABLE 1a (continued)

30	60	30	60	30	60	90	30	60	90	60	90	300	h <sub>s</sub> b <sub>s</sub> (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	12.7	GMT 00
0.6	1.1	1.9	1.9	2.4	2.4	2.4	2.8	2.8	2.8	3.2	3.2	15.3	01
1.7	1.9	2.6	2.8	3.0	3.0	3.0	3.7	3.7	3.7	3.7	3.7	15.9	02
2.2	2.2	3.0	3.0	3.9	3.9	4.5	4.5	4.5	5.2	4.9	5.4	20.0	03
2.8	3.0	3.9	3.9	5.2	5.2	5.8	5.6	5.6	6.2	6.2	6.7	28.6	04
3.4	3.4	4.3	4.3	4.9	4.9	5.2	5.4	5.4	5.6	6.0	6.2	31.6	05
1.3	1.3	1.7	1.7	2.4	2.4	2.6	3.4	3.4	3.7	4.1	4.3	27.7	06
0.6	0.6	0.6	0.6	0.6	0.6	1.9	1.3	1.3	2.2	1.3	2.2	20.2	07
	0.2		0.2	0.4	0.4	0.6	0.4	0.4	0.6	0.6	0.6	14.8	08
						0.2			0.2		0.2	12.0	09
												9.9	10
												5.6	11
												3.4	12
												3.4	13
												3.0	14
												4.5	15
												3.4	16
						0.2			0.2		0.2	4.7	17
												4.1	18
												6.7	19
							0.2	0.2	0.2	0.2	0.2	6.7	20
						0.2	0.2	0.2	0.4	0.2	0.4	7.3	21
0.4	0.4	0.6	0.6	0.6	0.6	0.9	0.6	0.6	0.9	0.9	0.9	8.8	22
0.6	0.9	0.9	1.1	1.3	1.3	1.3	1.5	1.5	1.5	1.7	1.7	11.4	23
0.6	0.6	0.9	0.9	1.1	1.1	1.3	1.3	1.3	1.5	1.5	1.5	11.8	mean

## September (1949 — 1963)

h <sub>ghs</sub> (m)								30	60	90	300		
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00	1.1	2.0	2.4	2.9	3.3	3.8	15.3	0.2	0.7	1.1	3.3	1.3	1.3
01	1.3	2.7	3.3	3.8	4.4	4.9	17.8	0.4	0.9	1.3	6.9	1.8	1.8
02	1.8	3.1	4.4	5.1	5.6	6.0	20.9		1.1	1.8	7.6	1.8	2.2
03	2.0	3.3	4.0	4.4	5.3	5.8	19.6	0.2	1.1	2.0	7.8	2.0	2.4
04	2.4	3.6	5.3	5.6	6.7	7.1	22.7		1.1	2.2	7.8	2.4	2.9
05	2.9	5.1	6.9	7.6	8.4	10.2	32.0	0.2	2.0	2.9	9.8	2.9	3.8
06	3.1	4.0	5.3	7.6	8.0	8.9	30.2	0.2	1.8	3.6	9.8	3.3	3.6
07	1.8	2.2	2.2	3.1	4.2	4.7	28.2		1.6	4.2	13.6	1.8	2.4
08	1.1	2.2	2.4	2.7	2.9	3.1	20.4		1.8	3.3	12.7	1.1	2.0
09	0.4	0.9	1.1	1.6	1.6	1.6	14.0		0.9	1.6	13.1	0.4	1.1
10		0.2	0.4	0.4	0.4	0.7	11.6		0.4	1.3	10.7		0.4
11				0.2	0.2	0.2	8.4			0.4	8.0		
12							8.0			0.4	7.6		
13							7.1		0.2	0.2	6.0		0.2
14							5.6			0.4	5.6		
15				0.2	0.2	0.2	5.3				3.8		
16				0.2	0.2	0.2	4.9				3.1		
17		0.2	0.2	0.2	0.2	0.4	7.3			0.2	3.6		
18	0.2	0.2	0.2	0.2	0.2	0.7	10.0		0.2	0.7	3.8	0.2	0.2
19	0.2	0.2	0.2	0.2	0.7	0.9	7.6		0.2	0.4	4.0	0.2	0.2
20	0.2	0.2	0.4	0.7	0.7	0.9	8.7		0.4	0.9	3.8	0.2	0.4
21	0.4	0.4	0.9	1.1	1.1	1.1	9.1		0.4	0.7	3.1	0.4	0.4
22	0.2	0.4	1.1	1.1	1.1	1.3	11.1		0.4	0.7	2.9	0.2	0.4
23	0.7	1.1	1.8	2.0	2.4	2.4	12.9		0.2	0.7	3.8	0.7	0.7
mean	0.9	1.3	1.8	2.2	2.4	2.7	14.2	0.04	0.7	1.3	6.7	0.9	1.1

TABLE 1a (continued)

30	60	30	60	30	60	90	30	60	90	60	90	300	$h_{sb}$ (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
2.0	2.0	2.4	2.4	2.9	2.9	3.1	3.3	3.3	3.6	3.8	3.8	16.7	GMT 00
2.7	2.7	3.3	3.3	3.8	3.8	4.0	4.4	4.4	4.7	4.9	5.1	20.9	01
3.1	3.3	4.4	4.7	5.1	5.3	5.8	5.6	5.8	6.0	6.2	6.4	23.1	02
3.3	3.6	4.0	4.2	4.4	4.7	5.6	5.3	5.3	6.2	5.8	6.7	22.9	03
3.6	3.8	5.3	5.6	5.6	5.8	6.9	6.7	6.7	7.6	7.1	8.0	26.0	04
5.1	5.3	6.9	7.1	7.6	7.8	8.4	8.4	8.7	9.3	10.4	11.1	33.3	05
4.2	4.2	5.6	5.6	7.8	7.8	8.7	8.2	8.2	9.1	9.1	9.8	32.2	06
2.2	2.7	2.2	2.7	3.1	3.3	5.1	4.2	4.2	5.8	4.7	6.0	30.9	07
2.2	2.7	2.4	2.7	2.7	2.9	4.2	2.9	3.1	4.2	3.3	4.4	24.0	08
0.9	1.3	1.1	1.3	1.6	1.6	2.0	1.6	1.6	2.0	1.6	2.0	19.3	09
0.2	0.7	0.4	0.7	0.4	0.7	1.3	0.4	0.7	1.3	0.9	1.6	15.8	10
				0.2	0.2	0.4	0.2	0.2	0.4	0.2	0.4	11.3	11
						0.4			0.4		0.4	10.4	12
	0.2		0.2		0.2	0.2		0.2	0.2	0.2	0.2	8.4	13
						0.4			0.4		0.4	8.2	14
				0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	6.2	15
				0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	6.4	16
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	8.4	17
0.2	0.2	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.7	0.7	0.7	11.1	18
0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.7	0.7	0.9	0.9	0.9	10.4	19
0.2	0.4	0.4	0.7	0.7	0.9	1.1	0.7	0.9	1.1	1.1	1.3	8.9	20
0.4	0.4	0.9	0.9	1.1	1.1	1.3	1.1	1.1	1.3	1.1	1.3	10.9	21
0.4	0.7	1.1	1.1	1.1	1.1	1.3	1.1	1.1	1.3	1.3	1.6	12.4	22
1.1	1.1	1.8	1.8	2.0	2.0	2.2	2.4	2.4	2.7	2.4	2.7	14.9	23
1.3	1.6	1.8	2.0	2.2	2.2	2.7	2.4	2.4	2.9	2.7	3.1	16.4	mean

October (1949 — 1963)

bshs (m)								30	60	90	300		
	200	400	600	800	1000	1200	4800					200	200
VV (m)												200	200
GMT													
00	2.6	3.9	5.6	6.2	7.5	7.7	23.7	0.9	2.8	3.7	10.8	3.0	4.3
01	3.7	6.7	7.7	8.6	9.2	9.9	22.8	1.1	3.0	4.7	11.4	4.1	5.8
02	3.4	6.7	7.3	9.0	9.5	10.5	26.5	0.6	3.0	3.4	11.0	3.9	6.0
03	3.9	6.5	7.5	9.0	10.3	11.2	28.2	0.4	3.9	4.7	12.7	4.3	6.2
04	2.8	7.1	7.7	9.0	10.5	11.4	29.9	0.4	4.3	5.8	14.0	3.2	6.2
05	3.2	6.5	8.4	9.7	10.3	11.4	31.6	0.9	4.5	7.3	14.8	3.9	6.5
06	4.1	8.4	11.2	11.8	13.5	15.1	43.7	0.6	4.9	6.9	15.7	4.5	7.3
07	6.0	7.3	9.5	10.8	11.8	12.9	42.4	0.4	6.5	8.8	17.8	6.2	8.6
08	4.3	6.0	7.1	7.5	8.8	9.5	35.9	0.2	5.2	7.5	17.2	4.3	6.2
09	3.0	4.7	5.6	6.9	7.7	8.4	28.0	0.2	4.5	6.7	16.3	3.0	5.4
10	0.6	2.6	3.4	3.9	4.1	4.5	22.8		3.7	5.4	14.8	0.6	3.7
11		0.9	1.1	1.9	1.9	3.2	19.1		1.3	3.2	13.3		1.3
12			0.2	1.1	1.5	2.2	15.9		0.6	2.6	12.3		0.6
13			0.4	0.4	0.6	1.1	13.3		0.2	1.5	11.2		0.2
14				0.4	0.9	0.9	13.5		0.2	1.1	10.3		0.2
15				0.4	0.4	0.4	12.5		0.2	0.6	8.4		0.2
16		0.2	0.4	0.4	0.4	0.6	14.6		0.4	1.1	8.2		0.4
17		0.2	0.4	0.4	1.1	1.3	19.8		0.4	0.9	9.0		0.4
18	0.2	0.6	1.3	1.5	1.5	1.9	18.1		1.1	1.7	8.8	0.2	1.1
19	0.6	0.6	1.5	1.7	1.9	2.4	15.7	0.4	1.5	1.5	9.9	0.9	1.9
20	0.4	1.5	2.2	2.6	3.4	3.9	16.1	0.6	1.9	2.8	11.0	0.9	1.9
21	1.7	2.6	3.4	3.7	4.5	4.9	17.6	0.4	1.9	2.6	10.8	1.7	3.0
22	1.3	2.6	3.4	4.3	5.2	5.2	18.7	0.6	1.5	2.4	10.1	1.5	2.4
23	1.5	3.7	4.7	5.2	5.8	6.5	20.0	0.4	1.5	2.2	8.8	1.9	2.8
mean	1.7	3.2	4.1	4.9	5.6	6.0	23.0	0.4	2.4	3.7	12.0	1.9	3.4

TABLE 1A (continued)

30	60	30	60	30	60	90	30	60	90	60	90	300	hshs (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
													GMT
4.1	5.2	5.6	6.5	6.2	6.9	7.3	7.5	7.7	8.2	8.0	8.4	26.5	00
6.7	7.5	7.7	8.4	8.6	9.2	10.1	9.2	9.7	10.5	10.3	11.0	25.8	01
6.7	7.7	7.3	8.0	9.0	9.0	9.2	9.5	9.5	9.7	10.5	10.8	29.7	02
6.5	7.7	7.5	8.2	9.0	9.5	10.3	10.3	10.5	11.4	11.4	11.8	30.8	03
7.1	8.4	7.7	8.6	9.0	9.5	10.8	10.5	10.8	11.8	11.6	12.5	32.7	04
6.5	7.7	8.4	9.0	9.7	10.1	12.3	10.3	10.8	12.9	11.6	13.8	35.1	05
<b>8.4</b>	<b>9.5</b>	<b>11.2</b>	<b>11.6</b>	<b>11.8</b>	<b>12.3</b>	<b>12.9</b>	<b>13.5</b>	<b>14.0</b>	<b>14.6</b>	<b>15.3</b>	<b>15.9</b>	<b>46.2</b>	06
7.3	9.2	9.5	10.1	10.8	11.2	12.7	11.8	12.0	13.5	13.1	14.6	<b>46.2</b>	07
6.0	7.1	7.1	7.5	7.5	7.7	9.9	8.8	8.8	10.3	9.5	10.8	38.5	08
4.7	5.8	5.6	6.2	6.9	6.9	8.2	7.7	7.7	8.6	8.4	9.0	31.4	09
2.6	3.9	3.4	4.3	3.9	4.5	5.6	4.1	4.5	5.6	4.7	5.8	26.0	10
0.9	1.9	1.1	1.9	1.9	2.2	3.0	1.9	2.2	3.0	3.2	3.9	22.2	11
	0.6	0.2	0.6	1.1	1.1	2.6	1.5	1.5	2.6	2.2	2.8	18.7	12
	0.2	0.4	0.4	0.4	0.4	1.5	0.6	0.6	1.5	1.1	1.5	17.0	13
	0.2		0.2	0.4	0.4	1.1	0.9	0.9	1.3	0.9	1.3	16.8	14
	0.2		0.2	0.4	0.4	0.6	0.4	0.4	0.6	0.4	0.6	14.4	15
0.2	0.4	0.4	0.6	0.2	0.6	1.1	0.4	0.6	1.1	0.6	1.1	15.9	16
0.2	0.4	0.4	0.4	0.4	0.4	0.9	1.1	1.1	1.3	1.3	1.5	21.3	17
0.6	1.3	1.3	1.5	1.5	1.5	1.9	1.5	1.5	1.9	1.9	2.2	20.0	18
0.9	1.9	1.5	1.9	1.7	1.9	1.9	1.9	1.9	1.9	2.4	2.4	18.5	19
1.7	2.6	2.2	3.0	2.6	3.0	4.3	3.4	3.7	4.3	4.1	4.7	19.8	20
2.6	3.7	3.4	3.9	3.7	3.9	4.3	4.5	4.5	4.7	4.9	4.9	20.2	21
2.8	3.4	3.7	3.7	4.3	4.3	4.9	5.2	5.2	5.8	5.2	5.8	21.1	22
3.9	4.1	4.9	4.9	5.2	5.2	5.6	5.8	5.8	6.2	6.5	6.7	23.4	23
3.4	4.3	4.3	4.7	4.7	5.2	6.0	5.6	5.6	6.5	6.2	6.9	25.8	mean

November (1949 — 1963)

$h_s h_b$ (m)								30	60	90	300		
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00	1.1	5.3	6.2	6.7	7.3	8.2	26.4	0.9	5.6	6.4	14.4	1.8	6.0
01	1.3	4.0	5.8	7.1	8.2	8.4	25.1	1.3	5.1	6.2	15.8	2.2	5.6
02	1.1	3.6	5.6	6.4	7.1	7.6	25.3	1.3	4.4	6.4	15.1	2.0	4.7
03	1.6	4.9	6.7	7.6	8.2	9.1	26.0	0.4	3.8	5.6	14.9	1.8	4.7
04	1.8	2.9	6.0	7.1	8.2	8.9	26.9	0.7	4.0	4.7	16.0	2.2	4.9
05	2.2	3.8	5.6	6.9	7.3	7.8	26.7	0.4	4.4	5.8	17.8	2.4	5.1
06	1.3	4.7	6.2	7.6	8.4	9.3	27.1	1.1	4.2	6.7	18.0	2.2	4.9
07	2.2	6.2	8.0	9.3	10.0	10.9	40.2	0.7	5.1	7.1	18.9	2.7	5.8
08	2.9	6.2	7.3	8.7	9.1	9.8	38.9	0.2	4.7	6.9	16.4	2.9	6.0
09	1.8	3.6	5.1	5.8	6.7	7.6	40.4	0.2	3.8	6.2	17.6	2.0	4.2
10	1.3	2.7	4.4	4.9	5.3	5.8	38.2	0.2	2.9	4.9	20.0	1.3	3.6
11	1.6	2.0	2.4	3.1	3.6	4.2	31.6	0.2	2.4	4.0	18.4	1.6	3.1
12	0.7	1.3	2.0	2.7	2.9	3.3	24.4	0.2	2.9	4.0	18.4	0.7	2.9
13	0.4	1.8	2.2	2.9	3.3	3.8	23.3	0.2	2.4	4.4	18.7	0.4	2.7
14	0.2	0.7	1.3	2.0	2.2	2.7	24.4		1.8	3.3	15.8	0.2	2.0
15	0.2	0.4	0.9	2.2	2.9	3.8	25.6		1.3	3.1	17.1	0.2	1.6
16	0.9	2.0	2.2	3.1	4.4	4.9	31.6		2.7	4.4	15.8	0.9	3.1
17	0.4	0.9	1.8	2.0	2.0	3.1	28.4	0.2	2.0	4.7	14.7	0.7	2.2
18	0.7	1.3	2.4	2.7	4.0	4.4	25.3	0.2	2.0	4.7	14.4	0.9	2.4
19	0.7	2.2	3.1	4.4	4.7	4.9	23.1	0.2	3.1	5.6	14.7	0.9	3.6
20	1.1	3.1	3.6	4.2	4.7	5.3	22.2	0.2	2.7	4.7	14.9	1.3	3.1
21	2.2	3.8	4.2	4.7	5.1	5.8	21.8	0.2	3.3	5.3	14.2	2.2	4.4
22	2.4	4.2	4.9	5.8	6.0	6.2	21.6	0.9	3.8	5.8	14.4	2.4	4.4
23	2.0	4.2	5.3	6.0	6.7	7.1	22.0	0.9	4.7	5.6	13.3	2.2	5.1
mean	1.3	3.1	4.2	5.1	5.8	6.4	27.8	0.4	3.6	5.3	16.2	1.6	4.0

TABLE Ia (continued)



30	60	30	60	30	60	90	30	60	90	60	90	300	h <sub>ghs</sub> (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
5.3	7.1	6.2	7.8	6.7	8.0	8.7	7.3	8.4	9.1	9.1	9.8	30.0	GMT 00
4.4	6.4	5.8	6.9	7.1	7.6	8.2	8.2	8.2	8.7	8.4	8.9	30.4	01
4.2	5.6	5.6	6.0	6.4	6.7	8.2	7.1	7.3	8.7	7.8	9.1	29.1	02
5.1	6.0	6.7	7.6	7.6	7.8	9.3	8.2	8.4	9.6	9.1	10.2	30.7	03
3.1	5.3	6.0	7.3	7.1	8.0	8.7	8.2	8.7	9.3	9.1	9.8	32.7	04
4.0	6.2	5.6	6.9	6.9	8.0	9.1	7.3	8.2	9.3	8.2	9.3	32.4	05
5.3	6.9	6.4	7.1	7.8	8.2	9.6	8.4	8.9	10.2	9.8	11.1	32.9	06
<b>6.2</b>	<b>7.6</b>	<b>8.0</b>	<b>8.4</b>	<b>9.3</b>	<b>9.3</b>	<b>10.0</b>	<b>10.0</b>	<b>10.0</b>	<b>10.7</b>	<b>10.9</b>	<b>11.6</b>	43.8	07
<b>6.2</b>	7.3	7.3	7.8	8.7	8.7	9.3	9.1	9.3	9.8	10.0	10.4	43.1	08
3.6	4.9	5.1	5.8	5.8	6.4	7.6	6.7	6.9	8.0	7.8	8.4	<b>44.4</b>	09
2.7	4.0	4.4	4.7	4.9	5.1	5.8	5.3	5.6	6.2	5.8	6.4	43.8	10
2.0	3.1	2.4	3.1	3.1	3.3	4.4	3.6	3.8	4.7	4.2	4.9	36.2	11
1.3	2.9	2.0	2.9	2.7	2.9	4.0	2.9	3.1	4.2	3.6	4.7	31.1	12
1.8	2.7	2.2	2.9	2.9	3.3	4.7	3.3	3.8	4.9	4.0	5.1	28.7	13
0.7	2.0	1.3	2.0	2.0	2.2	3.6	2.2	2.4	3.6	2.9	4.0	28.2	14
0.4	1.6	0.9	1.6	2.2	2.2	3.3	2.9	2.9	4.0	3.8	4.7	31.1	15
2.0	3.3	2.2	3.3	3.1	3.3	4.7	4.4	4.4	5.1	4.9	5.6	34.2	16
1.1	2.2	2.0	2.4	2.0	2.4	4.7	2.0	2.4	4.7	3.3	4.9	31.3	17
1.6	2.4	2.4	3.1	2.7	3.1	5.1	4.0	4.2	6.2	4.7	6.4	28.7	18
2.2	3.6	3.1	3.8	4.4	4.7	6.4	4.7	4.7	6.4	4.9	6.7	26.7	19
3.1	3.8	3.6	3.8	4.2	4.2	5.8	4.7	4.7	6.2	5.3	6.2	27.3	20
3.8	5.1	4.2	5.1	4.7	5.1	6.9	5.1	5.6	7.3	6.0	7.3	26.4	21
4.2	5.8	4.9	6.0	5.8	6.2	7.8	6.0	6.2	7.8	6.4	8.0	27.3	22
4.4	5.8	5.3	6.2	6.0	6.7	7.3	6.7	6.9	7.6	7.3	7.8	26.2	23
3.3	4.7	4.2	5.1	5.1	5.6	6.9	5.8	6.0	7.1	6.7	7.6	32.4	mean

December (1949 — 1963)

h <sub>g</sub> h <sub>g</sub> (m)								30	60	90	300		
VV (m)	200	400	600	800	1000	1200	4800					200	200
GMT													
00	1.9	4.7	7.1	7.5	9.7	10.5	32.7	2.2	6.7	8.6	24.9	3.0	7.5
01	2.4	5.8	7.3	8.2	9.5	10.3	33.5	2.8	7.1	9.0	26.5	3.9	8.0
02	2.4	6.2	7.7	9.2	10.5	11.4	33.5	2.6	7.1	9.9	26.7	4.3	8.2
03	2.4	5.2	6.7	8.6	9.9	11.4	32.5	1.9	7.1	10.3	27.3	3.2	8.0
04	2.6	6.7	7.3	9.5	10.3	12.0	31.8	1.5	7.1	9.9	28.4	3.9	8.6
05	2.6	6.0	8.0	9.7	10.5	11.8	31.6	1.3	6.9	10.8	27.1	3.7	8.6
06	2.4	5.8	8.4	9.2	10.8	11.6	31.4	1.5	9.5	10.3	27.7	3.4	8.6
07	2.2	4.7	7.1	9.0	10.1	11.4	36.6	0.9	6.7	11.4	30.3	2.8	7.3
08	3.7	7.3	9.9	12.5	14.2	17.0	46.9	0.6	7.7	11.4	28.6	4.1	9.5
09	3.0	5.6	8.8	11.6	13.3	15.1	48.2	0.4	6.0	10.5	27.3	3.2	7.5
10	3.0	5.2	6.9	7.7	10.3	12.0	46.0	0.2	4.3	9.0	24.9	3.0	5.8
11	1.7	3.7	6.5	8.2	9.9	11.0	43.0	0.2	5.2	9.7	24.1	1.7	6.0
12	1.9	3.4	5.2	7.1	9.2	9.9	40.0		4.5	8.8	25.2	1.9	4.9
13	1.9	4.1	4.5	6.7	8.0	9.5	38.3		4.9	8.4	25.6	1.9	5.6
14	1.9	4.1	4.9	6.5	7.5	8.4	36.8		4.3	8.0	25.8	1.9	5.2
15	2.6	3.7	5.4	6.7	8.4	9.0	39.6	0.2	4.7	8.0	24.3	2.6	5.6
16	2.2	4.5	5.4	8.2	9.9	11.2	42.8	0.4	4.9	9.9	25.6	2.2	5.8
17	1.9	3.7	5.8	6.9	8.4	9.9	33.1	0.2	5.4	8.4	24.7	1.9	6.0
18	1.7	3.2	5.8	7.1	8.0	9.5	32.9	0.9	5.4	9.0	26.0	2.4	6.0
19	1.9	3.4	5.8	6.7	7.1	8.0	33.5	0.9	5.6	9.7	26.7	2.6	6.5
20	1.5	4.3	6.0	7.5	8.2	8.6	33.5	0.6	5.2	9.2	25.6	1.9	6.0
21	1.5	4.1	5.6	7.3	8.8	9.7	35.1	0.9	5.4	9.2	26.2	2.2	6.5
22	1.5	3.0	4.7	5.6	7.5	8.8	35.3	0.6	4.9	8.2	24.5	1.9	5.8
23	1.9	4.5	5.6	6.9	8.6	9.9	32.5	1.7	6.5	8.6	24.7	2.8	7.3
mean	2.2	4.7	6.5	8.2	9.5	10.8	36.8	0.9	6.0	9.5	26.2	2.8	6.9

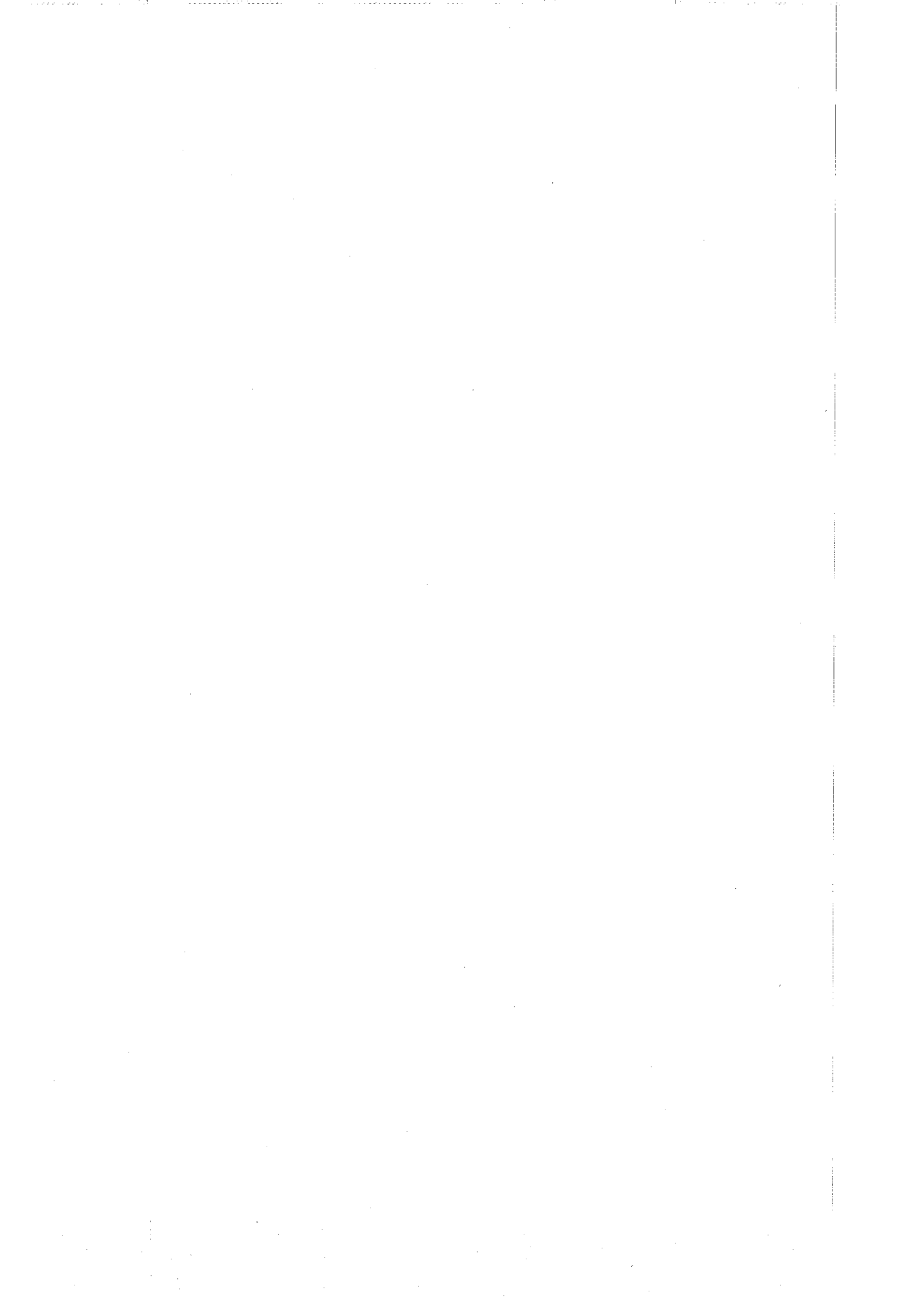
TABLE 1a (continued)

30	60	30	60	30	60	90	30	60	90	60	90	300	h <sub>s</sub> h <sub>s</sub> (m)
400	400	600	600	800	800	800	1000	1000	1000	1200	1200	4800	VV (m)
													GMT
4.9	8.4	7.1	8.8	7.5	9.0	11.0	9.7	10.8	11.4	11.4	12.0	39.8	00
6.5	8.8	7.5	9.2	8.2	9.2	11.0	9.5	10.1	11.6	11.0	11.8	41.3	01
6.7	9.5	8.2	9.7	9.7	10.8	12.5	10.8	11.2	12.7	11.6	12.7	41.1	02
5.4	8.8	6.9	9.2	8.8	9.9	12.7	10.1	10.8	13.3	11.8	14.2	40.6	03
6.7	10.1	7.3	10.3	9.5	11.0	13.5	10.3	11.6	14.2	12.9	14.6	41.5	04
6.2	9.9	8.0	10.3	9.7	11.0	13.8	10.5	11.4	11.8	12.7	14.6	39.8	05
6.5	9.9	8.6	10.1	9.2	10.3	12.7	10.8	11.2	13.1	12.0	13.5	39.6	06
5.2	8.4	7.1	9.0	9.0	10.1	14.0	10.1	11.0	14.4	11.8	14.8	45.4	07
<b>7.3</b>	<b>11.0</b>	<b>9.9</b>	<b>11.8</b>	<b>12.5</b>	<b>13.1</b>	<b>15.5</b>	<b>14.2</b>	<b>14.6</b>	<b>16.3</b>	<b>17.0</b>	<b>18.1</b>	50.8	08
5.6	8.2	8.8	9.9	11.6	12.0	14.6	13.3	13.3	15.5	15.1	16.8	<b>52.5</b>	09
5.2	6.7	6.9	7.5	7.7	8.0	11.2	10.3	10.3	12.9	12.0	14.4	51.4	10
3.7	6.9	6.5	8.2	8.2	9.2	11.4	9.9	10.5	12.5	11.6	13.5	47.7	11
3.4	5.8	5.2	6.5	7.1	7.5	9.9	9.2	9.5	11.2	10.1	11.6	44.3	12
4.1	6.2	4.5	6.2	6.7	6.7	9.0	8.0	8.0	<i>10.1</i>	9.5	11.4	43.9	13
4.1	5.6	4.9	6.0	6.5	6.9	9.0	7.7	8.2	<i>10.1</i>	8.6	<i>10.1</i>	41.7	14
3.7	5.6	5.4	6.5	6.7	6.9	9.0	8.4	8.6	10.5	9.2	11.0	42.4	15
4.5	6.2	5.4	6.5	8.2	8.8	12.7	9.9	10.3	13.5	11.6	14.6	46.2	16
3.7	6.7	5.8	7.3	6.9	8.0	9.9	8.4	9.2	10.8	10.5	12.0	39.8	17
3.7	6.5	6.0	7.1	7.1	7.7	11.2	8.0	8.4	11.4	9.9	11.8	39.8	18
4.1	6.7	6.5	7.1	6.9	7.1	11.0	7.1	7.3	11.0	8.2	11.2	39.8	19
4.3	6.9	6.0	7.5	7.5	8.2	11.6	8.2	8.6	11.8	9.0	12.0	40.9	20
4.3	7.5	5.6	8.2	7.3	9.2	11.8	8.8	9.9	12.0	10.8	12.7	42.4	21
3.2	6.7	4.7	7.3	5.6	7.7	10.5	7.5	8.4	10.5	9.7	11.6	41.5	22
4.9	8.4	5.6	8.6	6.9	9.0	11.0	8.6	9.5	11.2	10.3	12.5	39.1	23
4.9	7.7	6.7	8.4	8.2	9.0	11.6	9.5	10.1	12.3	11.2	13.1	43.0	mean

**Schiphol**

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
January	3.4	6.0	4.0	3.6	18.1	0.1	10.8	4.8	5.6	9.5	11.0	0.9	1.1	8.2	4.2
February	11.5	2.8	1.3	3.6	7.3	11.8	1.5	5.5	4.3	7.3	42.1	1.6	14.0	1.3	7.3
March	6.5	6.5	1.1	4.6	16.9	4.2	1.9	1.9	2.6	8.3	4.4	0.7	7.5	3.6	3.5
April	1.9	1.0	0.1	3.1	0.1	0.7	2.8	0.7	3.8	0.4	3.5	0.8	2.1	2.4	2.5
May	0.9	2.0	0.7	1.7	0.7	1.2	0.5	1.7	0.4	0.4	0.0	2.7	0.3	0.5	2.8
June	0.3	0.7	0.0	0.4	1.2	0.7	1.2	0.4	0.0	1.5	0.0	0.4	0.3	0.0	1.2
July	2.2	0.1	0.0	0.8	0.1	0.5	0.8	1.9	0.1	1.7	0.8	0.0	0.0	0.3	1.5
August	3.9	0.5	0.8	1.1	0.7	1.5	2.0	0.3	0.8	1.3	1.3	0.3	0.1	0.7	0.9
September	6.8	1.2	4.0	1.2	1.5	0.4	1.9	1.4	1.4	1.1	0.4	1.7	8.1	0.8	1.1
October	8.7	0.7	5.2	2.4	11.3	0.3	5.1	5.5	9.0	6.9	0.4	4.2	4.6	5.6	6.5
November	3.2	3.5	2.5	3.5	9.6	1.0	7.1	4.2	5.8	11.2	13.1	1.7	3.6	8.6	5.0
December	6.3	9.1	10.1	18.0	17.6	9.8	4.3	6.6	5.6	5.4	2.0	5.6	5.0	8.6	21.8

TABLE 1b. Monthly percentage frequency at Schiphol of the horizontal visibility below 800 m and/or the height of the base of the lowest cloud layer covering more than 4/8ths of the sky below 60 m.



Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	Cloud base in m (> 4/8) below											
	90	60	30	90	60	30	90	60	30	90	60	30
	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	<i>23</i> <i>459</i>	<i>19</i> <i>459</i>	<i>12</i> <i>459</i>									
350 - 360 - 010				14 <i>84</i>	11 <i>84</i>	6 <i>84</i>	6 <i>96</i>	4 <i>96</i>		7 <i>41</i>	5 <i>41</i>	
020 - 030 - 040				11 <i>64</i>	6 <i>64</i>	3 <i>64</i>	11 <i>100</i>	3 <i>100</i>	1 <i>100</i>	13 <i>55</i>	7 <i>55</i>	
050 - 060 - 070				26 <i>97</i>	14 <i>97</i>	10 <i>97</i>	17 <i>211</i>	9 <i>211</i>	2 <i>211</i>	10 <i>208</i>	4 <i>208</i>	1 <i>208</i>
080 - 090 - 100				20 <i>147</i>	16 <i>147</i>	11 <i>147</i>	18 <i>258</i>	10 <i>258</i>	4 <i>258</i>	8 <i>170</i>	4 <i>170</i>	1 <i>170</i>
110 - 120 - 130				20 <i>123</i>	15 <i>123</i>	11 <i>123</i>	19 <i>163</i>	9 <i>163</i>	5 <i>163</i>	3 <i>87</i>		
140 - 150 - 160				29 <i>146</i>	22 <i>146</i>	15 <i>146</i>	23 <i>320</i>	16 <i>320</i>	8 <i>320</i>	11 <i>196</i>	7 <i>196</i>	4 <i>196</i>
170 - 180 - 190				31 <i>175</i>	23 <i>175</i>	14 <i>175</i>	28 <i>381</i>	21 <i>381</i>	14 <i>381</i>	11 <i>305</i>	7 <i>305</i>	3 <i>305</i>
200 - 210 - 220				24 <i>80</i>	20 <i>80</i>	16 <i>80</i>	18 <i>362</i>	13 <i>362</i>	6 <i>362</i>	19 <i>348</i>	13 <i>348</i>	4 <i>348</i>
230 - 240 - 250				22 <i>121</i>	21 <i>121</i>	15 <i>121</i>	10 <i>213</i>	7 <i>213</i>	4 <i>213</i>	9 <i>186</i>	6 <i>186</i>	3 <i>186</i>
260 - 270 - 280				10 <i>69</i>	6 <i>69</i>	6 <i>69</i>	2 <i>143</i>	2 <i>143</i>	1 <i>143</i>	4 <i>129</i>	2 <i>129</i>	
290 - 300 - 310				5 <i>61</i>	2 <i>61</i>					2 <i>96</i>		
320 - 330 - 340				6 <i>72</i>	4 <i>72</i>	3 <i>72</i>	1 <i>95</i>					
All directions	<i>23</i> <i>459</i>	<i>19</i> <i>459</i>	<i>12</i> <i>459</i>	<i>21</i> <i>1239</i>	<i>15</i> <i>1239</i>	<i>11</i> <i>1239</i>	<i>16</i> <i>2469</i>	<i>11</i> <i>2469</i>	<i>5</i> <i>2469</i>	<i>10</i> <i>1872</i>	<i>6</i> <i>1872</i>	<i>2</i> <i>1872</i>

TABLE II. Percentage frequency of occurrence of a horizontal visibility and/or a height of the base of the lowest cloud layer (covering more than 4/8ths of the sky) below specified values, when both the wind speed and wind direction have a certain value.

The total number of observations with a certain value of the wind speed and wind direction — independent of visibility and cloud base conditions — is given in italics.

16 — 20			21 — 25			> 25			All speeds			Wind direction (Degrees true)
Cloud base in m (> 4/8) below												
90	60	30	90	60	30	90	60	30	90	60	30	
Visibility in m below												
800	600	400	800	600	400	800	600	400	800	600	400	
									23	19	12	
									459	459	459	Calm
									8	6	2	
									252	252	252	350 - 360 - 010
			9						10	4	1	
			11						253	253	253	020 - 030 - 040
6	2	1							13	6	2	
159	159	159							712	712	712	050 - 060 - 070
4	2								13	8	4	
81	81								698	698	698	080 - 090 - 100
									15	8	6	
									391	391	391	110 - 120 - 130
8	3		6	6					19	14	7	
64	64		16	16					743	743	743	140 - 150 - 160
2	1								18	13	8	
157	157								1061	1061	1061	170 - 180 - 190
6	2	1							13	9	4	
280	280	280							1256	1256	1256	200 - 210 - 220
2	1		2			1			8	6	3	
164	164		110			126			920	920	920	230 - 240 - 250
1	1						1		2	2	1	
108	108						104		663	663	663	260 - 270 - 280
									1	0		
									430	430		290 - 300 - 310
									2	1	1	
									280	280	280	320 - 330 - 340
4	1	0	1	0		0	0		12	8	4	
1187	1187	1187	539	539		353	353		8118	8118	8118	All directions

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	Cloud base in m (> 4/8) below											
	90	60	30	90	60	30	90	60	30	90	60	30
Visibility in m below												
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	18 244	10 244	7 244									
350 - 360 - 010				16 56	4 56	4 56	2 150	1 150	1 150	2 62		
020 - 030 - 040				18 40	10 40	5 40	14 101	8 101	2 101	5 90		
050 - 060 - 070				10 72	8 72	8 72	13 231	7 231	3 231	5 225	2 225	0 225
080 - 090 - 100				14 78	12 78	10 78	13 220	9 220	6 220	3 150	2 150	2 150
110 - 120 - 130				23 79	18 79	13 79	17 151	9 151	7 151	4 108		
140 - 150 - 160				16 92	11 92	9 92	16 241	11 241	8 241	7 194	3 194	2 194
170 - 180 - 190				24 156	16 156	12 156	26 337	18 337	11 337	13 274	5 274	3 274
200 - 210 - 220				20 95	14 95	13 95	22 303	15 303	10 303	14 361	7 361	3 361
230 - 240 - 250				10 108	6 108	5 108	11 194	8 194	7 194	3 218	2 218	1 218
260 - 270 - 280				4 68	4 68	1 68	2 157	2 157	2 157	1 172	1 172	1 172
290 - 300 - 310				5 61	5 61	5 61				1 99	1 99	1 99
320 - 330 - 340				5 82	4 82	2 82				4 90	2 90	2 90
All directions	18 244	10 244	7 244	15 987	10 987	8 987	14 2243	9 2243	6 2243	7 2043	3 2043	2 2043

TABLE II (continued)



Wind speed in knots												Wind direction (Degrees true)
16 — 20			21 — 25			> 25			All speeds			
Cloud base in m (> 4/8) below												
90	60	30	90	60	30	90	60	30	90	60	30	
Visibility in m below												
800	600	400	800	600	400	800	600	400	800	600	400	
									18	10	7	Calm
									244	244	244	
2									4	1	1	
44									324	324	324	350 - 360 - 010
2									9	4	1	020 - 030 - 040
56									300	300	300	
4	2								7	4	2	050 - 060 - 070
188	188								777	777	777	
2			4						8	5	4	080 - 090 - 100
82			27						565	565	565	
									13	7	6	110 - 120 - 130
									363	363	363	
3			39	17		33	33		12	7	5	140 - 150 - 160
78			18	18		3	3		626	626	626	
4			4						17	10	7	170 - 180 - 190
152			47						978	978	978	
6	2	1	5	3					13	8	5	200 - 210 - 220
261	261	261	134	134					1253	1253	1253	
5	2	1	1						5	3	2	230 - 240 - 250
191	191	191	150						1038	1038	1038	
			1						1	1	1	260 - 270 - 280
			156						843	843	843	
2									1	1	1	290 - 300 - 310
110									474	474	474	
2									3	2	1	320 - 330 - 340
50									333	333	333	
3	1	0	3	1		0	0		9	5	3	All directions
1396	1396	1396	677	677		528	528		8118	8118	8118	

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
Wind direction (Degrees true)	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
Wind direction (Degrees true)	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	18 341	14 341	11 341									
350 - 360 - 010				5 87	2 87	1 87	7 131	5 131	2 131			
020 - 030 - 040				12 58	3 58		13 130	10 130	1 130	4 89	1 89	1 89
050 - 060 - 070				25 89	18 89	4 89	18 234	12 234	4 234	8 239	5 239	1 239
080 - 090 - 100				8 102	3 102	3 102	9 243	5 243	2 243	9 170	4 170	2 170
110 - 120 - 130				6 97	6 97	4 97	10 150	3 150	1 150	4 80		
140 - 150 - 160				17 141	13 141	10 141	14 243	9 243	4 243	7 208	2 208	0 208
170 - 180 - 190				21 160	15 160	12 160	21 345	14 345	7 345	12 277	6 277	1 277
200 - 210 - 220				17 127	9 127	6 127	14 378	9 378	6 378	15 379	8 379	3 379
230 - 240 - 250				13 124	11 124	6 124	8 238	6 238	3 238	6 183	4 183	
260 - 270 - 280				2 95	2 95	2 95	1 140			4 139		
290 - 300 - 310				4 51	2 51	2 51				4 89		
320 - 330 - 340				3 96			2 115	1 115		7 58	3 58	
All directions	18 341	14 341	11 341	12 1227	8 1227	5 1227	12 2453	7 2453	3 2453	9 1963	4 1963	1 1963

TABLE II (continued)

Wind speed in knots												Wind direction (Degrees true)	
16 — 20			21 — 25			> 25			All speeds				
Cloud base in m (> 4/8) below													
90	60	30	90	60	30	90	60	30	90	60	30		
Visibility in m below													
800	600	400	800	600	400	800	600	400	800	600	400		
									18	14	11	Calm	
									341	341	341		
6									5	3	1		350 - 360 - 010
18									298	298	298		
									9	5	1		020 - 030 - 040
						57	43	14	349	349	349		
						7	7	7					050 - 060 - 070
2									11	7	2		
177									799	799	799		
									8	4	2		080 - 090 - 100
7	3		3	3					625	625	625		
73	73		33	33					7	3	2		110 - 120 - 130
									345	345	345		
									11	7	3	140 - 150 - 160	
4									656	656	656		
48									15	10	5	170 - 180 - 190	
2	1		2						977	977	977		
142	142		41						11	6	3	200 - 210 - 220	
7	1								1317	1317	1317		
244	244								5	4	2	230 - 240 - 250	
3	1								997	997	997		
185	185								1	0	0	260 - 270 - 280	
1									674	674	674		
124									2	0	0	290 - 300 - 310	
1						3			409	409	409		
81						29			3	1		320 - 330 - 340	
									331	331			
									9	5	3	All directions	
3	6		0	0		1	1	0	8118	8118	8118		
1193	1193		558	558		383	383	383					

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	19 428	16 428	13 428									
350 - 360 - 010				12 91	10 91	4 91	9 104	5 104	3 104	4 27	4 27	
020 - 030 - 040				12 69	9 69	4 69	13 105	5 105	1 105	5 62		
050 - 060 - 070				15 129	12 129	11 129	14 235	9 235	4 235	2 207	0 207	
080 - 090 - 100				12 112	12 112	11 112	13 261	7 261	3 261	8 192	6 192	1 192
110 - 120 - 130				13 113	12 113	10 113	7 138	5 138	4 138			
140 - 150 - 160				24 147	18 147	8 147	13 272	9 272	4 272	6 202	3 202	1 202
170 - 180 - 190				22 176	16 176	9 176	17 375	13 375	6 375	15 296	10 296	4 296
200 - 210 - 220				16 101	13 101	7 101	12 445	8 445	4 445	12 384	6 384	2 384
230 - 240 - 250				17 101	13 101	9 101	10 188	7 188	3 188	6 151	3 151	1 151
260 - 270 - 280				8 75	7 75	5 75	2 129	2 129		1 136		
290 - 300 - 310				6 47	6 47	2 47	3 114	1 114	1 114	3 89	1 89	
320 - 330 - 340				7 94	5 94	2 94	5 83	1 83		2 64		
All directions	19 428	16 428	13 428	16 1255	12 1255	8 1255	12 2449	8 2449	3 2449	8 1892	4 1892	1 1892

TABLE II (continued)

Wind speed in knots												Wind direction (Degrees true)	
16 — 20			21 — 25			> 25			All speeds				
Cloud base in m (> 4/8) below													
90	60	30	90	60	30	90	60	30	90	60	30		
Visibility in m below													
800	600	400	800	600	400	800	600	400	800	600	400		
									19	16	13	Calm	
									428	428	428		
									9	6	3		350 - 360 - 010
									245	245	245		
									9	4	1		020 - 030 - 040
									288	288	288		
									7	5	3		050 - 060 - 070
									779	779	779		
									9	7	3		080 - 090 - 100
									661	661	661		
									7	6	5		110 - 120 - 130
									345	345	345		
5	3	2							12	8	4		140 - 150 - 160
65	65	65							696	696	696		
3	2								15	11	5	170 - 180 - 190	
118	118								1013	1013	1013		
10	2	1	2			3			10	5	2	200 - 210 - 220	
304	304	304	131			76			1441	1441	1441		
4	1	1	2						6	4	2	230 - 240 - 250	
138	138	138	123						833	833	833		
2	1					1			2	1	1	260 - 270 - 280	
132	132					108			675	675	675		
1									2	1	0	290 - 300 - 310	
95									420	420	420		
									4	2	1	320 - 330 - 340	
									294	294	294		
4	1	0	1			1			9	6	3	All directions	
1178	1178	1178	549			367			8118	8118	8118		

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
Wind direction (Degrees true)	Cloud base in m (> 4/8) below											
	90	60	30	90	60	30	90	60	30	90	60	30
Wind direction (Degrees true)	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	12 402	11 402	9 402									
350 - 360 - 010				9 197	7 197	5 197	7 313	4 313	3 313	5 252	2 252	
020 - 030 - 040				10 102	7 102	4 102	8 177	5 177	3 177	3 156	2 156	1 156
050 - 060 - 070				10 97	9 97	6 97	7 284	4 284	2 284	6 300	3 300	0 300
080 - 090 - 100				6 127	2 127	2 127	3 286	2 286	1 286	1 172	1 172	1 172
110 - 120 - 130				5 111	3 111	2 111	3 188	2 188	1 188	5 82	2 82	1 82
140 - 150 - 160				9 141	7 141	6 141	6 269	3 269	1 269	1 119		
170 - 180 - 190				9 189	6 189	5 189	7 271	4 271	4 271	2 165		
200 - 210 - 220				13 92	10 92	5 92	9 239	5 239	3 239	2 245	1 245	
230 - 240 - 250				10 115	6 115	3 115	10 225	5 225	4 225	5 173	2 173	2 173
260 - 270 - 280				10 111	8 111	7 111	8 186	6 186	2 186	4 152	1 152	
290 - 300 - 310				9 107	7 107	5 107	3 142	1 142		2 97	2 97	1 97
320 - 330 - 340				3 119	3 119	3 119	8 209	4 209	3 209	3 148	1 148	
All directions	12 402	11 402	9 402	8 1508	6 1508	4 1508	7 2789	4 2789	2 2789	3 2061	2 2061	0 2061

TABLE II (continued)

Wind speed in knots												Wind direction (Degrees true)	
16 — 20			21 — 25			> 25			All speeds				
Cloud base in m (> 4/8) below													
90	60	30	90	60	30	90	60	30	90	60	30		
Visibility in m below													
800	600	400	800	600	400	800	600	400	800	600	400		
									12	11	9	Calm	
									402	402	402		
3									6	4	2		350 - 360 - 010
74									855	855	855		
3									6	4	2		020 - 030 - 040
59									507	507	507		
1	1								6	3	2		050 - 060 - 070
133	133								854	854	854		
2	2	2							3	2	1		080 - 090 - 100
64	64	64							660	660	660		
									3	2	1		110 - 120 - 130
									407	407	407		
4									6	3	2		140 - 150 - 160
24									555	555	555		
									6	3	3		170 - 180 - 190
									716	716	716		
2									6	3	2	200 - 210 - 220	
111									763	763	763		
2			3			3	1		6	3	2	230 - 240 - 250	
122			108			68	68		811	811	811		
3									5	3	2	260 - 270 - 280	
123									646	646	646		
									3	2	1	290 - 300 - 310	
									481	481	481		
									4	2	1	320 - 330 - 340	
									623	623	623		
2	0	0	1			1	1		5	3	2	All directions	
971	971	971	382			167	167		8280	8280	8280		

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	6 101	4 101	4 101									
350 - 360 - 010				6 65	3 65	2 65	2 164				0 237	
020 - 030 - 040							1 192				1 264	1 264
050 - 060 - 070							2 309	0 309			1 381	1 381
080 - 090 - 100							2 200	1 200	0 200			
110 - 120 - 130				2 51	2 51		3 151	1 151				
140 - 150 - 160				4 47	4 47	2 47						
170 - 180 - 190				5 55	5 55	5 55	2 172	1 172		2 140	1 140	
200 - 210 - 220				4 56	4 56	2 56	2 173	1 173	1 173	2 214	1 214	
230 - 240 - 250				3 58	2 58	2 58	5 154	1 154		2 201		
260 - 270 - 280				3 64			4 210	2 210	0 210	1 259		
290 - 300 - 310										2 168	1 168	
320 - 330 - 340				2 59	2 59							
All directions	6 101	4 101	4 101	3 672	2 672	1 672	2 2172	1 2172	0 2172	1 2415	0 2415	

TABLE II (continued)





Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	Cloud base in m (> 4/8) below											
	90	60	30	90	60	30	90	60	30	90	60	30
Visibility in m below												
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	5 270	4 270	2 270									
350 - 360 - 010				3 117	3 117	3 117	2 253	1 253		1 343	1 343	0 343
020 - 030 - 040				2 88	2 88	1 88	2 249	1 249	1 249	2 320	1 320	0 320
050 - 060 - 070				3 127	1 127	1 127	1 370	1 370	0 370			
080 - 090 - 100				1 125	2 125	2 125	1 235					
110 - 120 - 130				3 98	2 98	1 98						
140 - 150 - 160				2 90	2 90							
170 - 180 - 190				1 98	1 98	1 98						
200 - 210 - 220				1 70	1 70		1 180			1 148	1 148	
230 - 240 - 250				4 125	4 125		2 240	0 240		3 252	1 252	
260 - 270 - 280				6 123	4 123	3 123	3 235	3 235	1 235	2 173		
290 - 300 - 310				3 118	2 118		3 198	3 198		3 152		
320 - 330 - 340				1 136	1 136	1 136	4 290	2 290	0 290	0 297		
All directions	5 270	4 270	2 270	3 1315	2 1315	1 1315	2 2668	1 2668	0 2668	1 2276	0 2276	0 2276

TABLE II (continued)



Schiphol

March — April — May

22 — 03 GMT (1949 — 1963)

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	7 550	6 550	4 550									
350 - 360 - 010				5 219	5 219	4 219	5 351	4 351	1 351	6 178	3 178	1 178
020 - 030 - 040				7 119	6 119	3 119	7 206	5 206	2 206	8 158	6 158	
050 - 060 - 070				5 128	3 128	2 128	2 321	1 321	0 321	3 278	1 278	
080 - 090 - 100				3 145	2 145	2 145	2 348	1 348	1 348	1 201		
110 - 120 - 130				2 145	2 145	1 145						
140 - 150 - 160				6 164	5 164	4 164	4 270	3 270	1 270	3 69	1 69	
170 - 180 - 190				4 180	3 180	2 180	5 288	2 288	1 288	1 125		
200 - 210 - 220				10 120	4 120	2 120	7 298	2 298	1 298	2 189	1 189	
230 - 240 - 250				10 165	7 165	3 165	6 248	4 248	2 248	6 144	1 144	
260 - 270 - 280				7 137	5 137	4 137	12 156	10 156	1 156	2 98	1 98	
290 - 300 - 310				6 131	5 131	2 131	13 129	12 129	2 129	4 70	1 70	
320 - 330 - 340				4 236	2 236	1 236	5 269	3 269	1 269	2 119	2 119	
All directions	7 550	6 550	4 550	6 1889	4 1889	3 1889	5 3076	3 3076	1 3076	3 1696	1 1696	0 1696

TABLE II (continued)



Wind direction (Degrees true)	Wind speed in knots												
	Calm			1 — 5			6 — 10			11 — 15			
	Cloud base in m (> 4/8) below												
	90	60	30	90	60	30	90	60	30	90	60	30	
Visibility in m below													
800	600	400	800	600	400	800	600	400	800	600	400		
Calm	4 589	3 589	2 589										
350 - 360 - 010				1 158	1 158	1 158	1 239				5 115	2 115	
020 - 030 - 040				4 97	1 97	1 97	1 132						
050 - 060 - 070													
080 - 090 - 100				1 137	1 137	1 137	0 223						
110 - 120 - 130				5 129	4 129	3 129	1 115	1 115					
140 - 150 - 160				4 213	3 213	3 213	2 239				2 61		
170 - 180 - 190				4 279	3 279	3 279	2 386	1 386	1 386				
200 - 210 - 220				3 196	1 196	1 196	1 502				1 406	0 406	0 406
230 - 240 - 250				2 173	2 173	2 173	2 343	0 343	0 343		1 297		
260 - 270 - 280				5 168	1 168	1 168	1 229	0 229			0 243		
290 - 300 - 310				3 129	1 129	1 129					1 136		
320 - 330 - 340				5 150	1 150	1 150	4 193	1 193			1 109		
All directions	4 589	3 589	2 589	3 1923	2 1923	2 1923	1 2954	0 2954	0 2954	1 1764	0 1764	0 1764	

TABLE II (continued)

16 — 20			21 — 25			> 25			All speeds			Wind direction (Degrees true)	
Cloud base in m (> 4/8) below													
90	60	30	90	60	30	90	60	30	90	60	30		
Visibility in m below													
800	600	400	800	600	400	800	600	400	800	600	400		
									4	3	2	Calm	
									589	589	589		
4	4								2	1	0		350 - 360 - 010
28	28								544	544	544		
									2	0	0		020 - 030 - 040
									313	313	313		
													050 - 060 - 070
									0	0	0		080 - 090 - 100
									430	430	430		
									3	2	1		110 - 120 - 130
									270	270	270		
									3	1	1		140 - 150 - 160
									514	514	514		
3									2	1	1	170 - 180 - 190	
29									837	837	837		
1									1	0	0	200 - 210 - 220	
165									1318	1318	1318		
									1	0	0	230 - 240 - 250	
									1136	1136	1136		
									1	0	0	260 - 270 - 280	
									891	891	891		
									1	0	0	290 - 300 - 310	
									533	533	533		
									3	1	0	320 - 330 - 340	
									503	503	503		
0	0								2	1	1	All directions	
763	763								8280	8280	8280		

Schiphol

June — July — August

10 — 15 GMT (1949 — 1963)

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	Cloud base in m (> 4/8) below											
	90	60	30	90	60	30	90	60	30	90	60	30
Visibility in m below												
	800	600	400	800	600	400	800	600	400	800	600	400
Calm												
350 - 360 - 010											1	
020 - 030 - 040							1				149	
050 - 060 - 070												
080 - 090 - 100												
110 - 120 - 130												
140 - 150 - 160												
170 - 180 - 190												
200 - 210 - 220							1					
230 - 240 - 250							203					
260 - 270 - 280											0	
290 - 300 - 310											517	
320 - 330 - 340												
All directions							0				0	
							2269				2529	

TABLE II (continued)



Wind speed in knots												Wind direction (Degrees true)
16 — 20			21 — 25			> 25			All speeds			
Cloud base in m (> 4/8) below												
90	60	30	90	60	30	90	60	30	90	60	30	
Visibility in m below												
800	600	400	800	600	400	800	600	400	800	600	400	
												Calm
									0			
									449			350 - 360 - 010
									0			
									352			020 - 030 - 040
												050 - 060 - 070
												080 - 090 - 100
												110 - 120 - 130
												140 - 150 - 160
												170 - 180 - 190
									0			
									785			200 - 210 - 220
0	0								0	0		
455	455								1564	1564		230 - 240 - 250
									0			
									1575			260 - 270 - 280
												290 - 300 - 310
												320 - 330 - 340
0	0								0	0		
1676	1676								8280	8280		All directions

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	0 394	0 394										
350 - 360 - 010												
020 - 030 - 040				1 106								
050 - 060 - 070												
080 - 090 - 100							1 142					
110 - 120 - 130				1 69			.7 57	2 57				
140 - 150 - 160							2 83					
170 - 180 - 190				2 127			2 133					
200 - 210 - 220				1 107							1 166	
230 - 240 - 250											0 419	
260 - 270 - 280				0 290	0 290		1 384				0 287	
290 - 300 - 310				0 209			0 348	0 348				
320 - 330 - 340				0 219			1 337	1 337	0 337		0 281	
All directions	0 394	0 394		0 1866	0 1866		1 2809	0 2809	0 2809		0 1989	

TABLE II (continued)



Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	3 901	2 901	1 901									
350 - 360 - 010				0 253	0 253		1 215	0 215		2 52		
020 - 030 - 040							1 144	1 144				
050 - 060 - 070				1 139			0 225					
080 - 090 - 100				2 176	1 176							
110 - 120 - 130				2 165	1 165	1 165						
140 - 150 - 160				1 233	1 233		0 239					
170 - 180 - 190				1 407	0 407	0 407						
200 - 210 - 220				0 275			1 513			1 307	0 307	
230 - 240 - 250				1 332	1 332	0 332	2 384	0 384	0 384	1 240	1 240	
260 - 270 - 280				2 245	0 245		1 182	1 182		1 107	1 107	
290 - 300 - 310				1 154	1 154		3 116	1 116	1 116	3 86		
320 - 330 - 340				2 270	2 270	1 270	5 171	1 171				
All directions	3 901	2 901	1 901	1 2775	1 2775	0 2775	1 2891	0 2891	0 2891	1 1178	0 1178	

TABLE II (continued)



## Schiphol

September — October — November 04 — 09 GMT (1949 — 1963)

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
Wind direction (Degrees true)	Cloud base in m (> 4/8) below											
	90	60	30	90	60	30	90	60	30	90	60	30
Wind direction (Degrees true)	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	11 655	9 655	7 655									
350 - 360 - 010				10 167	5 167	5 167	3 103	2 103	1 103			
020 - 030 - 040				14 91	12 91	8 91	1 60					
050 - 060 - 070				13 125	9 125	5 125	12 211	9 211	7 211	3 117	3 117	1 117
080 - 090 - 100				7 174	6 174	4 174	10 304	7 304	5 304			
110 - 120 - 130				13 139	9 139	8 139	9 247	6 247	3 247	6 65	3 65	2 65
140 - 150 - 160				17 206	11 206	5 206	10 444	8 444	3 444	4 234	3 234	
170 - 180 - 190				15 232	13 232	11 232	12 425	8 425	4 425	4 312	2 312	1 312
200 - 210 - 220				9 145	7 145	6 145	9 420	6 420	3 420	5 387	3 387	2 387
230 - 240 - 250				7 145	3 145	2 145	4 219	1 219	1 219	2 137		
260 - 270 - 280				2 89	2 89	1 89	1 163	1 163		1 150	1 150	
290 - 300 - 310										1 92		
320 - 330 - 340				3 116	2 116	2 116	4 109	2 109	2 109			
All directions	11 655	9 655	7 655	10 1709	7 1709	5 1709	8 2799	6 2799	3 2799	3 1750	2 1750	1 1750

TABLE II (continued)

Wind speed in knots												Wind direction (Degrees true)
16 — 20			21 — 25			> 25			All speeds			
Cloud base in m (> 4/8) below												
90	60	30	90	60	30	90	60	30	90	60	30	
Visibility in m below												
800	600	400	800	600	400	800	600	400	800	600	400	
									11	9	7	
									655	655	655	Calm
									6	3	3	
									339	339	339	350 - 360 - 010
									6	5	3	
									220	220	220	020 - 030 - 040
									9	6	4	
									518	518	518	050 - 060 - 070
									7	5	3	
									611	611	611	080 - 090 - 100
									10	6	4	
									465	465	465	110 - 120 - 130
									9	7	3	
									988	988	988	140 - 150 - 160
1									9	7	4	
101									1101	1101	1101	170 - 180 - 190
1									6	4	2	
219									1296	1296	1296	200 - 210 - 220
			2						3	1	1	
			50						672	672	672	230 - 240 - 250
1									1	1	0	
110									590	590	590	260 - 270 - 280
3									3			
70									391			290 - 300 - 310
	2								2	1	1	
	48								344	344	344	320 - 330 - 340
1	0		0						7	5	3	
839	839		280						8190	8190	8190	All directions

## Schiphol

September — October — November 10 — 15 GMT (1949 — 1963)

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	9 161	4 161	2 161									
350 - 360 - 010				1 89			1 143					
020 - 030 - 040				16 75	8 75	3 75	1 115	1 115				
050 - 060 - 070				5 93	2 93	2 93	4 347	1 347	1 347	1 231	0 231	
080 - 090 - 100				5 111	1 111		3 240	2 240	2 240	1 129		
110 - 120 - 130				11 94	3 94	1 94	3 206	1 206	0 206	1 117		
140 - 150 - 160				11 98	5 98	4 98	7 244	4 244	2 244	3 212	1 212	
170 - 180 - 190				11 114	7 114	5 114	9 344	5 344	3 344	5 273	1 273	
200 - 210 - 220				6 100	4 100	1 100	5 318	3 318	1 318	3 387	1 387	
230 - 240 - 250				12 51	8 51	8 51	2 155	1 155		1 251	0 251	
260 - 270 - 280				7 45	7 45	4 45						
290 - 300 - 310				6 34			1 103					
320 - 330 - 340				3 72								
All directions	9 161	4 161	2 161	8 976	4 976	2 976	4 2494	2 2494	1 2494	2 2341	0 2341	

TABLE II (continued)



Wind speed in knots												Wind direction (Degrees true)
16 — 20			21 — 25			> 25			All speeds			
Cloud base in m (> 4/8) below												
90	60	30	90	60	30	90	60	30	90	60	30	
Visibility in m below												
800	600	400	800	600	400	800	600	400	800	600	400	
									9	4	2	Calm  350 - 360 - 010  020 - 030 - 040  050 - 060 - 070  080 - 090 - 100  110 - 120 - 130  140 - 150 - 160  170 - 180 - 190  200 - 210 - 220  230 - 240 - 250  260 - 270 - 280  290 - 300 - 310  320 - 330 - 340  All directions
									161	161	161	
									1			
									372			
									4	2	1	
									339	339	339	
									3	1	1	
									754	754	754	
									3	1	1	
									513	513	513	
									4	1	0	
									445	445	445	
									5	3	1	
									668	668	668	
									6	3	2	
									930	930	930	
1			3						3	1	0	
314			114						1282	1282	1282	
1			1			1			2	1	0	
221			136			103			917	917	917	
									0	0	0	
									852	852	852	
									1			
									490			
									0			
									467			
0			1			0			3	1	1	
1399			530			289			8190	8190	8190	

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	5 438	4 438	3 438									
350 - 360 - 010				0 206	0 206		1 161	1 161	1 161			
020 - 030 - 040				2 85	2 85	2 85	1 133					
050 - 060 - 070				2 207	1 207	1 207	7 293	4 293	3 293	1 147	1 147	
080 - 090 - 100				2 204	2 204	2 204	3 298	3 298	1 298	2 120	2 120	
110 - 120 - 130				4 159	4 159	2 159	4 194	3 194	1 194	4 55		
140 - 150 - 160				8 155	7 155	5 155	8 354	4 354	1 354	3 171	2 171	1 171
170 - 180 - 190				6 181	4 181	3 181	6 408	3 408	1 408	6 214	0 214	
200 - 210 - 220				6 140	4 140	3 140	3 404	1 404	1 404	3 299	0 299	0 299
230 - 240 - 250				4 141	4 141	3 141	1 235	0 235				
260 - 270 - 280				2 132	2 132		1 186	1 186				
290 - 300 - 310							1 131	1 131				
320 - 330 - 340				2 121	2 121	1 121	1 164	1 164				
All directions	5 438	4 438	3 438	3 1845	3 1845	2 1845	4 2961	2 2961	1 2961	2 1693	1 1693	0 1693

TABLE II (continued)

Wind speed in knots												Wind direction (Degrees true)	
16 -- 20			21 -- 25			> 25			All speeds				
90	60	30	90	60	30	90	60	30	90	60	30		
Cloud base in m (> 4/8) below													
90	60	30	90	60	30	90	60	30	90	60	30		
Visibility in m below													
800	600	400	800	600	400	800	600	400	800	600	400		
									5	4	3	Calm	
									438	438	438		
									1	0	0		350 - 360 - 010
									445	445	445		
									1	1	1		020 - 030 - 040
									352	352	352		
									4	2	2		050 - 060 - 070
									709	709	709		
									3	2	1		080 - 090 - 100
									640	640	640		
									4	3	1		110 - 120 - 130
									423	423	423		
1									6	4	2		140 - 150 - 160
70									765	765	765		
1									5	2	1		170 - 180 - 190
86									922	922	922		
0			1						3	1	1	200 - 210 - 220	
205			90						1165	1165	1165		
									1	1	0	230 - 240 - 250	
									831	831	831		
									1	0		260 - 270 - 280	
									624	624			
									0	0		290 - 300 - 310	
									463	463			
									1	1	0	320 - 330 - 340	
									413	413	413		
1			0						3	2	1	All directions	
814			306						8190	8190	8190		

Wind direction (Degrees true)	Wind speed in knots											
	Calm			1 — 5			6 — 10			11 — 15		
	90	60	30	90	60	30	90	60	30	90	60	30
	Cloud base in m (> 4/8) below											
	800	600	400	800	600	400	800	600	400	800	600	400
	Visibility in m below											
	800	600	400	800	600	400	800	600	400	800	600	400
Calm	8 720	7 720	5 720									
350 - 360 - 010				4 178	4 178	3 178	1 89	1 89	1 89			
020 - 030 - 040				7 98	7 98	5 98	5 61	3 61	2 61			
050 - 060 - 070				4 132	2 132	2 132	6 237	5 237	3 237	2 122	2 122	2 122
080 - 090 - 100				5 186	4 186	2 186	4 329	3 329	2 329			
110 - 120 - 130				10 189	7 189	6 189	6 239	5 239	3 239			
140 - 150 - 160				16 178	13 178	8 178	8 455	6 455	3 455	4 166	2 166	1 166
170 - 180 - 190				7 232	8 232	6 232	9 515	5 515	4 515	2 248	0 248	0 248
200 - 210 - 220				3 153	2 153	1 153	4 426	3 426	2 426	3 376	2 376	0 376
230 - 240 - 250				6 172	4 172	3 172	2 215	1 215	1 215			
260 - 270 - 280				5 107	4 107	3 107						
290 - 300 - 310				2 97	2 97	2 97						
320 - 330 - 340				2 135	2 135	2 135						
All directions	8 720	7 720	5 720	6 1857	5 1857	4 1857	5 2920	4 2920	2 2920	2 1569	1 1569	1 1569

TABLE II (continued)

16 — 20			Wind speed in knots						All speeds			Wind direction (Degrees true)
			21 — 25			> 25						
			Cloud base in m (> 4/8) below									
90	60	30	90	60	30	90	60	30	90	60	30	
Visibility in m below												
800	600	400	800	600	400	800	600	400	800	600	400	
									8	7	5	
									720	720	720	Calm
									3	3	2	
									309	309	309	350 - 360 - 010
									5	4	3	
									215	215	215	020 - 030 - 040
									4	3	2	
									545	545	545	050 - 060 - 070
									3	3	1	
									644	644	644	080 - 090 - 100
									7	5	4	
									502	502	502	110 - 120 - 130
									8	6	4	
									877	877	877	140 - 150 - 160
									6	5	3	
									1109	1109	1109	170 - 180 - 190
			1						3	2	1	
			77						1257	1257	1257	200 - 210 - 220
									2	1	1	
									715	715	715	230 - 240 - 250
									1	1	1	
									569	569	569	260 - 270 - 280
									1	1	1	
									381	381	381	290 - 300 - 310
									1	1	1	
									347	347	347	320 - 330 - 340
			0						4	3	2	
			266						8190	8190	8190	All directions

## Schiphol

January (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	3	2	6	8	12	3	2	3	6	7	3	1	2	8	12	2	3	8	11	11
2		6	4	5	10	3	1	2	4	4		1	3	2	6		3	3	7	6
3	1	2	4	4	4		2	1	2	2		3	1	1	2	2	1	3	3	
4	2			3	4	1		2	2	3	1	1	2	1	1	1	2	1	2	2
5	1	1	1	1	1			1	2	2			1					2	1	2
6		1	1	1	1		1	1	2	2		1	1					2	2	2
7				1	1					1		1	1	2	2				1	
8	2				1			1	1	1			2	1	1	1	3			1
9		1	1	1						1			2	1	1				1	1
10		1			1								2		1					
11			1	1	1		1				1						1			
12		1												2				4		
13																			3	1
14				1	1	1									1	1			1	1
15																1			1	1
16																				1
17																				
18			1									1								
19	1			1																
20											1									
21												1								
22					1															
23													1							
24											1		1	2	1					
26												1								
28												1								
29													2	1	1					
30														1						
32															1					
38																	1		1	
41																		1	1	
44															1					1

TABLE IIIa. Frequency of occurrence of horizontal visibility conditions at Schiphol below specified limits and of a certain duration (in hours) for the years 1949 through 1963.

Schiphol

February (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	8	6	12	11	14						2	5	10	6	5	3	5	2	4	7
2	8	10	5	5	9	2	3	1	2	9	1	3	5	6	7	3	3	5	4	2
3	2	4	7	7	4				2	1	2	2	3	4	3	1	1	2	3	2
4	2	6	6	9	8	2	2			3		2	3	3	4		1	3	2	5
5	1	2	2	3	6			1	1					1	1	1	2	2	3	1
6	1		5	7	3					2		1		1	1	1	1	2	2	4
7					4							1	1		1	2	1	1	2	2
8	1				1						1	1					1	2	2	2
9	1		2	1	1									1			2	2	2	2
10					1								1		1		1	1	1	2
11	1				1			1	1	1				1	1		2	1	1	1
12												2					1	1	1	1
13		1			1								2	2	1	1	2	2	1	1
14	1		1	1					1					1	1				1	1
15													1	1	1				1	1
16														1			1	1	1	1
17																	1		1	1
18									1									1	1	2
19																				
20																1	1			
21		1																	1	1
22			1																	
25																			1	
26																				1
32	1																			
36												1								
37													1							
39														1	1					
40																1				
48		1																		
56																	1			
62																		1		
64																			1	
67																				1
71			1																	
94				1																
98					1															

TABLE IIIA (continued)

## Schiphol

March (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	5	1	4	8	7	1	2	5	9	8		1	3	4	7	5	4	6	9	11
2	3	9	3	5	5			1	3	3		1		1	1	2	3	5	5	7
3	5	5	8	8	6					1				2		1	1	4	2	1
4	5	4	4	7	9							1	1			1	2	2	1	3
5		1	3	2	3											2		1	4	4
6		3	1	2	1							2				1	3	2	4	3
7					1						1			1		1	2	4	2	1
8		1									1		1		1	2	1	2	2	4
9												1	1	1		2	2	2	2	1
10											1		1		2	3	1	1	2	
11											1	2	1	1	2	2	1	2	1	
12												1	2	2		1	4	4	4	
13												1		3					1	
14											1	1	1	3	1		2	1	1	
15											1	1	1	1	1					
16														1				1		
17																				
18														1						1
38											1	1								
39													1							
40														1	1					

April (1949 — 1963)

1	2	5	4	1	8			2	2					2	4	3	5	9	8
2	3	4	6	8	7							1	1		3	2	1	1	3
3	1	2	2	2	6								1	1	3	2	2	3	
4			1	1	1							1	1	1	2	4	3	3	2
5					1								1		1	1	3	2	3
6														1	1	1	3	2	3
7															1	1	3	4	
8																			
9																			
10																1	1	1	1
11																1			
12												1							
13													1						
14														1					

TABLE IIIa (continued)



Schiphol

May (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	1	4	5	6	6									1	2			2	6	11
2	2		1	2	2											1				2
3		1			1								1			1	2	3	2	3
4			1	1	1									1	1	2	1		1	2
5														1		1	2	2	2	2
6																1	2	1		
7																		1	1	1
8																		2	2	2
9																			1	
10																				
11																				1

June (1949 — 1963)

1	5	5	10	9	14				1		1	1	1			1	3	3	3	5
2	1		1	4	5									1		3	4	3	2	
3	1	1																1	1	
4																		1	1	1
5																1	1			1
6																				
7																				
8																				
9																		1	1	1
10																1	1	1	1	1

TABLE IIIa (continued)

Schiphol

July (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	2	2	6	9	12											3	1	2	4	4
2	3	1	1													2	4	4	2	1
3		2	2	2	1											1	3	2	3	1
4		1																2	3	6
5																1	1	1	2	2
6																1	1	1		1
7																	1	2	1	1
8																			1	1
9																			1	1

August (1949 — 1963)

1	6	6	9	12	14						1	2	2	4	6	6
2	2	2	3	4	4							1	7	5	5	6
3		1	1	2	3							2	1	3	5	5
4												3	4	8	4	4
5												2	3	2	4	3
6													1	1	4	3
7											1			1		2
8															1	2

TABLE IIIa (continued)

Schiphol

September (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	9	10	13	13	15						1	1				2	4	5	4	9
2	4	5	7	12	12				1	1			1	2	1	3	3	3	2	3
3	3	3	5	4	5								1	1	2	2	3	7	2	2
4		1	2	4	4											2	2	3	7	4
5		1	1		1											2	2	1	1	3
6	1										1					1	4	2	2	2
7				1	1							1	1	1	1			2	3	5
8																	1	1	2	2
9																1	2			
10													1	1			1	3	3	3
11															1					

October (1949 — 1963)

1	8	7	9	9	11						3	3	6	6	3	6	5	7	6	8
2	6	7	10	5	9			1	4		2		1	1	4	4	7	4	6	4
3	3	4	7	7	7							2		1	2	1	3	4	5	3
4	2	4	4	7	4						1	2	2	1	2	2	2	3	4	8
5		2	2	2	4						1	3	5	5	4	2	2	2	2	1
6	1	1	1	3	2								1	1	1	2	2	4	4	5
7			1								1						3	2	3	5
8				1										1	2	2	3	3	3	2
9					1						1					2	4	3	3	6
10													1			1	3	3	3	2
11														1	1	1	2	3	5	6
12											1	1	1				1	2	1	
13												1		1	1				1	1
14											1	1	1	1	1					1
15												1	1							
16												1			1	1				
17														1	1					
18														2	1	1				
19																				
20															1			1		
22																				1
26															1					
31																				1

TABLE IIIa (continued)

## Schiphol

November (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	5	10	7	6	9	1	1	2	3	5	2	5	4	8	13	3	6	9	11	9
2	5	8	8	5	3	1	1	1	2	2	3	3	3	2	2	5	4	6	5	5
3	1	1	3	7	8					1	3	2	2	2	2	2	2	4	3	3
4		1	1	2	4						1	2	2	3	4	3	4	1	2	2
5	1	2	5	2	2							2	1	2	3	2	2	3	4	4
6			1	2	1						1	1	2	1	1	1	1	3	2	2
7			1		1	1					1			1	1	1	2	1	3	3
8	1			1	1						1	1	1	1	1	1	2	4	2	2
9						1					1					1	1	2	2	2
10				1									1				1	1	2	2
11					1											1	1			
12												1						1		
13											2	1	1			1	2	1	1	1
14											1		1	2						1
15							1											2		2
16								1	1				2	1						
17															1					
18		1								1										
19														1						
20													1							
21				1																1
22							1					1		1	1					
23					1						1									
24						1														
25								1	1											
26										1										
36													2							
40															1	1				
42															1					
43																1				

TABLE IIIa (continued)

Schiphol

December (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	2	9	6	10	14	5	6	5	4	6	4	9	8	15	12	3	7	10	12	16
2	1	5	5	9	8	2	2	5	4	4	1	2	3	6	8	2	5	1	4	5
3	4	4	6	5	7	4	1	2	5		2	1	3	4	7	1	2	4	2	1
4	1	2	5	4	5	1	1	5	4		3	2	3	4	3	3	1	1	2	2
5		2	4	2	3	1		4	2	2	1	3	1	1	2		2	1	1	2
6	2		2	5	3			1	1	2		2	3	4	3	2	1	2	2	2
7	1			2	4	2	1		1		2			1		1	1	1	3	3
8		1			1			2	2	2		2	1		1	3	2	2	2	1
9	1				2			1	1	1			1	1		1	2			1
10			1	1					1	1		1		1	2	1	3	3	2	2
11					1				1										1	2
12												1	4				1	3	1	
13											1			1	1				2	1
14		1							1			1	1	3			1	1	1	2
15	1								1			1	1	1	2		1		3	1
16										1				1	1	1				
17															1		2	2		2
18			1							1									1	1
19				1	1															1
20										1				1	1					
22						1												1		
23																	1			
24							1												1	1
25																		1	1	1
26								1	1											
28										1										
30																1	1			
31																	1	1	1	1
37													1							
42														1						
44															1					
48																	1			
54																		1		
56																				1

TABLE IIIa (continued)

## Eelde

January (1949 — 1963)

Length of period (hours)	Period GMT																				
	4 — 9					10 — 15					16 — 21					22 — 03					
	Horizontal visibility (m)																				
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	
1	5	4	6	15	17						3	6	12	13	19	2	5	12	14	16	
2	3	3	2	5	10	4	4	6	11	13	4	1	2	4	5	1	4	5	5	8	
3	1	2	3	4	10			2	2	4			3	4	6	2	3	4	5	4	
4		2	1	1	1	1	1	1	2	3			1	2	1			1	3	3	6
5	1	1	2	1	2				1	1			1	1	2	2	2	1	4	4	4
6	1	4	4	3	1	2	1			1			1			2	2	1	2	3	
7			1	2	4		2						2			1	1	1	1	3	
8	1	1	2	2	2			2	2	1			1		1	1				1	
9		1			1			1		1					1						
10			1	2	1				1									1	1	1	
11					2	1	1	1	1				1			1		1	1	1	
12									1					1				1	1	3	
13										1					1						
14										1											
15					1																
16						1	1														
17									1												
18													1								
19					1																
20																					
22							1									1					
23																	1				
24	1												1								
25														2							
26								1	1						2	1		1	1	1	
27										1						1					
29																		1	1	1	
31															1						
34						1															
35		1																			
38																	1	1			
41																			1		
43																				1	
48							1														
52			1															1			
53																			1		
54																				1	
55				1																	
58					1																

TABLE IIIb. Frequency of occurrence of horizontal visibility conditions at Eelde below specified limits and of a certain duration (in hours) for the years 1949 through 1963.

Eelde

February (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	4	6	13	14	10						2	5	8	9	9	4	5	9	15	10
2	4	5	7	12	15	3	3	4	2	10	1	3	2	3	6	3	2		1	4
3	1	2	3	6	8				1	3	2	3	1	2	1		6	6	4	6
4	3	2	4	4	5	1	1				3	2	5	3	3	1	4	7	5	3
5	3	4	3	2	5			2	2		1	1	2	4	5	4	3	2	2	1
6		2	4	3	3	1	1	1	3			3	1	1	2	4	5	5	7	5
7			1	6	2	1	1	1	2					1	1	1	4	4	4	7
8				1	3			2							1		2	3	5	4
9					1				1		1						3	3	3	6
10	1		1	1	1				2	1	1		1							3
11				1	1					1			1			1	2			
12					1					1		1				2	1	2	1	1
13				1							1		1	1	1				2	
14					1				2				1	2	1					1
15					1						1	1	1	1				1		
16										2		1	2	1	1				1	
17		1	1	1	1				1						1					2
18										1										
19																				
20												1			1					
22												1								
23				1					1											
25													1							
27												1		1						
28																1				
29														1						
30													1		1					
31											1									
33				1					1								1			
34					1					1										
36				1					1											
39					1					1										
40					1					1										
41												1	1							
42		1						1						1						
43			1						1									1		
44				1	1				1	1								1	1	1

TABLE IIIb (continued)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	4	10	12	14	16	1	1		2	5	1	1	4	6	4	4		1	3	2
2	5	2	10	12	12			1		1	1	1	1	2	3	2	8	2	2	2
3	2	4	6	10	8				3	3	2	3	3	2	5	2	3	8	5	6
4	1	2	4	3	7					1	2	2	2	2	2	5	4	4	5	1
5	2	1	2	5	6						1		2	2	2		4	5	6	5
6	3	1	1	1	4								1	1		4	4	3	2	4
7		1	1	1	1							1		1		1	3	5	7	9
8															1	1	2	3	4	4
9											1					1	1	3	2	3
10			1								3	3	1	1					2	4
11												2	1	1			2	1	1	2
12				1	1				1			2	2	2		3	2	3	1	1
13											1	1	2	2		1	1	2	3	3
14		1									1	1	2	2						
15												1	1	1	1					
16															1					
17														1	1					
18													1					1		
19														1	1					
20																				
21																			1	
22																				1
23																1				
30											1									
31												1	1	1						
32															1					
33																1		1		
35																		1		
40																				1

TABLE IIIb (continued)



Eelde

April (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	4	8	12	13	16			1							3	4	6	4	7	8
2	5	6	6	6	6						1	1	2	2		1	2	3	4	8
3		5	5	5	5											7	4	3	3	3
4		1	1	1	1											2	1	6	7	6
5			1	1	1											2	5	5	5	7
6																1	5	5	5	5
7																2	3	3	3	3
8					1											1	1	4	3	
9																1	2	2	2	4
10																				
11											1							1		
12																				
13												1	1	1	1					
14														1	1					

May (1949 — 1963)

1	3	2	6	13	13										4	4	8	9	11	16
2	3	2	2	3	3											4	5	3	9	8
3		1	1		1											5	6	5	8	
4	1		2	2	2											2	2	5	5	9
5					1							1				6	6	6	4	
6																2	3	7	7	
7																		1	3	
8														1	1					1
9																		1	1	

TABLE IIIb (continued)

June (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	2	5	3	3	2											1	7	6	10	12
2		1	1		1						1					1	2	7	6	4
3		1		1												2	4	5	7	10
4													1				3	6	6	7
5													1					3	6	6
6														1	1	1	1	1	1	3
7														1	1			1	1	3

July (1949 — 1963)

1	2	7	7	9	9										1	2	3	10	13	10
2		1	3	1	2											2	3	4	11	18
3				2	3												2	7	7	6
4																1	3	1	6	6
5																1	1	2	3	5
6																	2	2	2	4
7																		2	3	3
8																	1	2		
9																			1	1
10																			1	1

TABLE IIIb (continued)

Eelde

August (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	6	14	10	12	13										1	4	4	8	9	13
2	4	3	9	6	8											4	8	9	12	12
3		1	2	3	3											1	4	6	10	9
4																1	10	5	9	9
5																1	5	10	9	8
6													1			1	5	9	6	
7																			2	7
8																		1	2	4
9														1		2	2	1	1	2
10																1	2	1	2	
11																				
12															1					
13														1	1					

September (1949 — 1963)

1	8	13	16	13	13	1	1	1	1	2	4	1	7	5	9	7	
2	2	2	8	10	10					1	3	1	3	8	13	12	
3	3	2	1	4	8				2			2	8	4	4	5	
4	1	2	2	2	1				1	1		4	4	5	7		
5	2								1	1	1	1	1	3	4	10	
6									1	1	2	1	3	1	2	3	5
7												2	2	7	6	3	
8									1	1	1	2	1	3	3	3	
9												3	1	2	3		
10										2	2	1	3	3	4		
11									1	2	4	1	1	1	1		
12										2	3	1	1			1	
13									1			1	1			1	
14										1	1					1	

TABLE IIIb (continued)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	8	9	14	13	18			1			2	2	4	6	5	1	7	7	12	11
2	4	7	8	9	17						1	3	3	3	5	3		4	3	7
3	5	8	7	8	10				1		1	1	2	2	3	5	4	2	6	3
4	3	1	3	2	3							1			4	1	3	5	2	3
5		5	3	4	4						1	1	1	1	3	4	5	7	6	4
6		1	1	2							1	1		1	1	4	5	2	4	6
7			1		1							1	1	1		2	6	5	4	6
8				1									1			1	4	6	4	4
9											1	1	4	1	3	2	2	4	7	9
10													1	2			1	3	4	4
11											1	1		2	2		2		2	3
12												3	2	2	2	1		2	2	2
13							1					1	1	1	4			1		1
14												2	4	3	1					
15														1	3				1	
16															2	1				1
17																				
18																				
19																	1			
20																				
22												1								
24		1																1	1	
26			1	1	1															1
36												1				1				
37												1								
38													1	1	1					
39													1	1						
40															1					

TABLE IIIb (continued)

Eelde

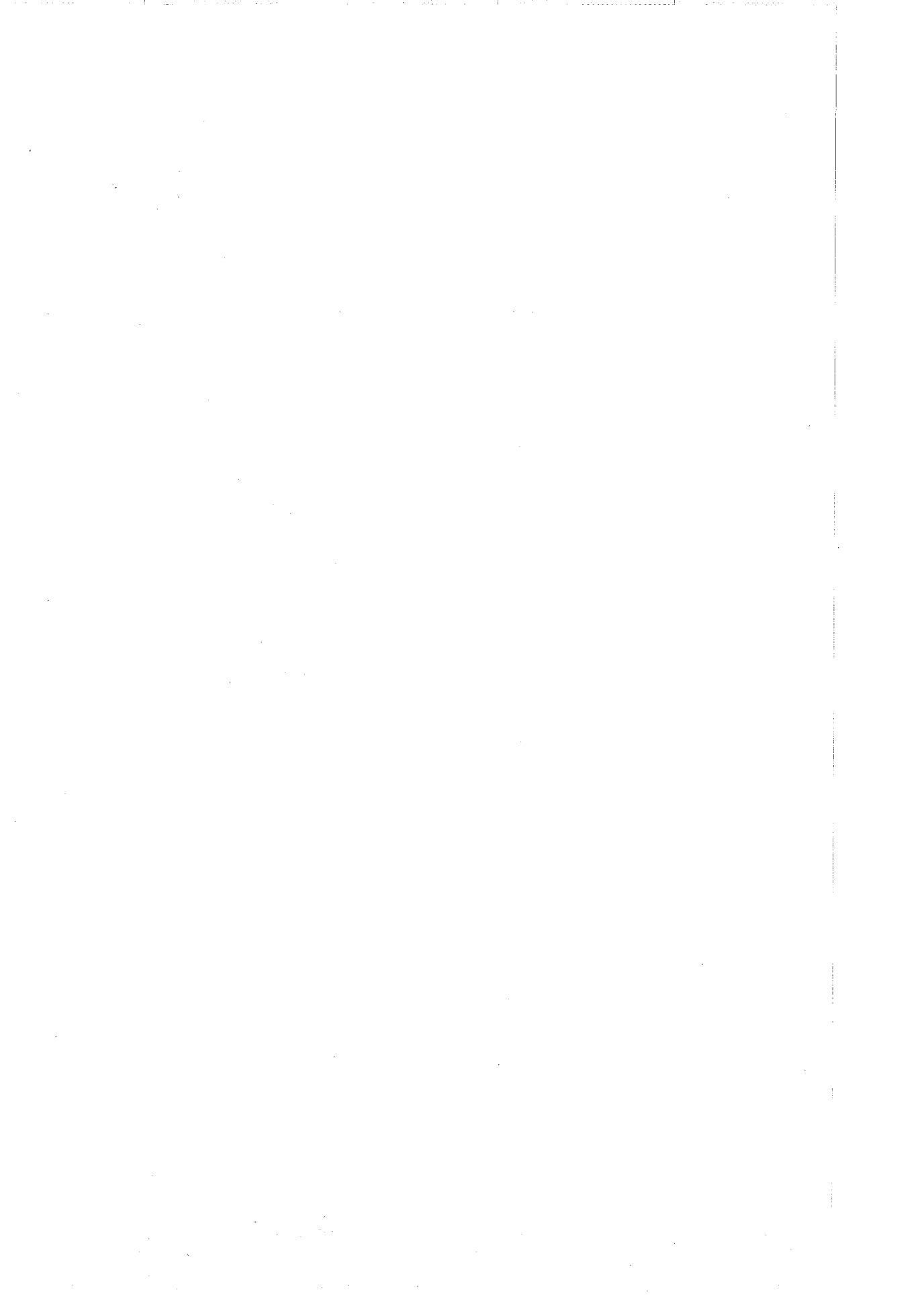
November (1949 — 1963)

Length of period (hours)	Period GMT																			
	4 — 9					10 — 15					16 — 21					22 — 03				
	Horizontal visibility (m)																			
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000
1	8	12	14	15	22			2		2	3	1	3	7	7	4	3	7	8	7
2	4	6	9	13	9		1	4	4	4	2	7	2	4	7	1	6	6	8	9
3	1	1	3	4	7		1	1	1	1	4	1	5	3	4	2	4	4	4	4
4	1	2	1	2	4		1		1	1	3	2	2	2	2		1	4	3	4
5		3	3	1	3				1	1		2	1		2	1	4	4	6	2
6		2	2	3	4		2	2	2	2	3	2	3	3	1	1	2	4	4	5
7		1	1	2	2							3	4	3	5		1	1	1	3
8					1						1	1	1	5	3	1	1	2	4	4
9												1	1	2	2	1	1	1	1	2
10		2	2					1	1			1	1	1	1	1		1	1	2
11				1						1		1	1	1	1	1	1			1
12					1							1	1	1	1	1				1
13				1								1	1	2	1			1		
14												2	1	1				1		
15												1	1	1	1			1	1	1
16		1									1				3					
17													1	1			1	1	3	
18															1					1
19									1											1
20																				1
21																1				
23			1	1								1	1	1	1					
25																				1
26												1								
27												1								
29													1	1						
31															1					
33													1							
35														1						
38												1	1		1					
39														1	1					

TABLE IIIb (continued)

Length of period (hours)	Period GMT																					
	4 — 9					10 — 15					16 — 21					22 — 03						
	Horizontal visibility (m)																					
	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000	0-200	0-400	0-600	0-800	0-1000		
1	8	10	11	12	14			3	1	3	5	7	6	8	8	13			2	7	10	7
2	2	3	3	2	6	1	2	1	2	5		4	5	6	5	6			1	2	5	4
3	1	6	6	6	7	1	2	3	2	1		1		3	5	4	3	2	4	4	7	
4	4	2	6	7	5			2	2	3		1	2	1	2	2		2	2	1	3	
5	1	6	5	3	8	3	4	3	3	2		2	1	1	1	2		1		3	1	1
6	1	2	3	5	3	2	1	2	3	2		1	1	1	1	3		2	2	2	3	
7		1	1		1				1	1	4		4	1	1			2	3	1	4	
8		1	1	4	2								1	1	1			1	1	4	4	
9			2	2	4		3	1					1	4	3	1		2		1	1	
10				1	1		1	2	1	1				2	3	5		2	2	2	1	
11		1			1	2	1							2		1		1	1	1	1	3
12	1								3					1	2	2			4			
13			1							1		1	3		1	1		2		3	1	
14		1		1			1											1		2		
15					2		1	4	3	4				2	1			1				5
16		2	1		1					1			1	1	1	2		1		1		
17		1	1									1	1	1	3				1	1		
18				1	1									2	2	2						
19					1													1				1
20										2			1	1		1						
21									1						1	1						
22			1							1												
23																						
24			1																1			
25				2											1	1						1
26					1													1				
27					1																	
28			1																			
30	1			1																		
31													1									
32														1								
33					1										1							
34																1			1			
35																			1			
37																					1	1
38																			1	1		
39																					1	1

TABLE IIIb (continued)



Month	1949		1950		1951		1952		1953		1954		1955	
	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h
January	1	3	7	4	7	4	8	3	3	11	1	0	2	6
February	4	8	0	5	2	1	4	4	5	8	4	12	0	1
March	1	6	2	4	3	1	5	5	8	13	5	3	2	3
April	2	2	2	1	1	0	6	2	1	0	1	1	3	3
May	2	1	0	2	2	1	1	2	1	1	0	2	1	1
June	1	0	2	1	0	0	2	0	4	1	3	0	3	1
July	4	2	1	0	0	0	3	1	1	0	0	1	1	1
August	0	6	3	0	0	1	3	1	4	0	2	2	3	3
September	5	7	1	2	1	4	3	2	0	1	2	0	3	3
October	0	10	1	1	2	4	0	3	7	11	2	0	2	4
November	0	3	0	1	4	3	7	3	5	6	3	1	4	7
December	6	4	9	8	5	6	12	11	3	13	6	5	5	4

TABLE IVA. Number of uninterrupted periods with a horizontal visibility below 800 m and/or a height of the base of the lowest cloud layer covering more than 4/8ths of the sky below 60 m at Schiphol for the years 1949 through 1963.



1956		1957		1958		1959		1960		1961		1962		1963		
≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	
6	5	6	4	6	7	4	4	3	1	2	1	2	7	6	3	January
3	6	3	5	0	7	5	12	4	1	3	7	2	1	4	6	February
0	2	3	4	6	8	3	5	1	1	1	3	4	4	7	3	March
1	1	0	3	3	0	0	5	2	1	0	3	0	2	8	2	April
2	3	2	0	3	0	0	0	1	3	1	0	0	1	0	4	May
2	0	0	0	1	1	0	0	3	0	2	0	0	0	0	1	June
1	2	1	0	0	3	2	1	0	0	0	0	2	0	2	2	July
1	0	1	1	3	1	1	2	2	0	1	0	0	1	5	0	August
4	1	2	2	0	2	2	0	2	2	7	7	0	1	4	1	September
3	5	3	6	5	5	0	1	0	5	4	5	4	7	1	7	October
1	4	0	1	4	4	10	11	0	2	4	4	3	4	2	4	November
1	6	5	3	2	7	2	2	4	7	3	3	1	4	8	9	December

Month	1949		1950		1951		1952		1953		1954		1955		1956	
	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h
January	1	24	10	35	9	21	11	16	5	130	1	0	3	77	7	29
February	4	73	0	19	4	5	4	21	8	41	4	75	0	10	4	34
March	3	45	3	45	4	4	6	28	10	116	7	24	2	12	0	14
April	2	12	4	3	1	0	11	11	1	0	2	3	5	15	2	3
May	2	5	0	15	2	3	1	12	1	4	0	9	1	3	3	10
June	2	0	2	3	0	0	3	0	6	3	5	0	6	3	3	0
July	5	11	1	0	0	0	3	3	1	0	0	4	1	5	1	13
August	0	29	4	0	0	6	4	4	5	0	2	9	4	11	2	0
September	8	41	1	8	2	27	3	6	0	11	3	0	4	10	6	4
October	0	65	1	4	3	36	0	18	9	75	2	0	3	35	4	37
November	0	23	0	25	6	12	8	17	7	62	4	3	4	47	2	28
December	8	39	12	56	9	66	18	116	4	127	9	64	5	27	7	42
Year	35	367	38	213	40	180	72	252	57	569	39	191	38	255	41	214

TABLE IVb. Total duration (in hours) of the visibility conditions defined in table IVa at Schiphol for the years 1949 through 1963.

1957		1958		1959		1960		1961		1962		1963		MEAN 1949-1963		
≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	≤2h	>2h	
9	33	7	65	5	77	4	3	3	5	4	57	8	23	5.8	39.7	January
6	23	0	49	7	276	6	5	4	90	4	5	7	42	4.1	51.2	February
3	16	7	55	3	30	1	4	1	55	4	23	9	17	4.2	32.5	March
0	27	3	0	0	25	2	4	0	15	0	17	10	8	2.9	9.5	April
3	0	3	0	0	0	2	18	2	0	0	4	0	21	1.3	6.9	May
0	0	1	10	0	0	3	0	2	0	0	0	0	9	2.2	1.9	June
1	0	0	13	3	3	0	0	0	0	2	0	2	9	1.3	4.1	July
1	5	5	5	2	8	2	0	1	0	0	5	7	0	2.6	5.5	August
3	7	0	8	3	0	3	9	11	47	0	6	5	3	3.5	12.5	September
5	62	6	45	0	3	0	31	6	28	5	37	1	47	3.0	34.9	October
0	42	4	77	15	79	0	12	7	19	4	58	2	34	4.2	35.9	November
8	34	2	38	4	11	4	38	6	31	2	62	8	154	7.1	60.3	December
39	249	38	365	42	512	27	124	43	290	25	274	59	367	42.2	294.8	Year

Month	Total number of observations	Independent of duration		≤ 2 hours		> 2 hours	
		VV < 800 m and/or h <sub>ghs</sub> < 60 m (N <sub>s</sub> > 4/8)		VV < 800 m and/or h <sub>ghs</sub> < 60 m (N <sub>s</sub> > 4/8)		VV < 800 m and/or h <sub>ghs</sub> < 60 m (N <sub>s</sub> > 4/8)	
		number of hours	%	number of hours	%	number of hours	%
January	11,160	682	6.1	87	0.8	595	5.3
February	10,152	830	8.2	62	0.6	768	7.6
March	11,160	551	4.9	63	0.6	488	4.3
April	10,800	186	1.7	43	0.4	143	1.3
May	11,160	124	1.1	20	0.2	104	0.9
June	10,800	61	0.6	33	0.3	28	0.3
July	11,160	81	0.7	20	0.2	61	0.5
August	11,160	121	1.1	39	0.4	82	0.7
September	10,800	239	2.2	52	0.5	187	1.7
October	11,160	568	5.1	45	0.4	523	4.7
November	10,800	601	5.6	63	0.6	538	5.0
December	11,160	1011	9.1	106	1.0	905	8.1
Year	131,472	5055	3.8	633	0.5	4422	3.3

TABLE IVc. Number of hours and percentage frequency of the conditions defined in table IVa at Schiphol for the years 1949 through 1963.

Year	Number of periods of ten hours or more	Maximum duration of fog (hours)
1949	14	21
1950	7	25
1951	6	17
1952	5	25
1953	23	42
1954	5	38
1955	7	41
1956	6	18
1957	7	42
1958	15	40
1959	16	96
1960	2	12
1961	8	40
1962	8	31
1963	8	56

TABLE IVd. Number of periods of more than ten hours' duration and maximum duration of the visibility conditions defined in table IVa at Schiphol for the years 1949 through 1963.

	SCHIPHOL VV < 800 m and/or h <sub>s</sub> h <sub>s</sub> < 60 m (N <sub>s</sub> > 4/8)	EELDE					
		VV < 800 m and/or h <sub>s</sub> h <sub>s</sub> < 60 m (N <sub>s</sub> > 4/8)		VV = 800—1600 m and/or h <sub>s</sub> h <sub>s</sub> = 60—120 m (N <sub>s</sub> > 4/8) or h <sub>s</sub> h <sub>s</sub> < 60 m (N <sub>s</sub> < 5/8)		VV ≥ 1600 m and/or h <sub>s</sub> h <sub>s</sub> ≥ 120 m or h <sub>s</sub> h <sub>s</sub> = 60—120 m (N <sub>s</sub> < 5/8)	
		Number of hours	%	Number of hours	%	Number of hours	%
January	675	351	52	123	18	201	30
February	822	461	56	121	15	240	29
March	547	264	48	70	13	213	39
April	185	77	42	24	13	84	45
May	119	52	44	17	14	50	42
June	61	8	13	10	16	43	71
July	79	24	30	9	11	46	59
August	115	40	35	6	5	69	60
September	235	110	47	34	14	91	39
October	559	259	46	104	19	196	35
November	597	297	50	94	16	206	34
December	996	541	54	229	23	226	23
Year	4990	2484	50	841	17	1665	33

TABLE IV. A comparison between the visibility conditions at Schiphol and those at Eelde, the alternate of Schiphol, for the hours of "bad weather" conditions at Schiphol (1949-1963).

	≤ 2 hours			> 2 hours		
	SCHIPHOL VV < 800m and/or h <sub>s</sub> h <sub>s</sub> < 60m (N <sub>s</sub> > 4/8)	EELDE VV ≥ 1600m and/or h <sub>s</sub> h <sub>s</sub> ≥ 120m or h <sub>s</sub> h <sub>s</sub> = 60—120m (N <sub>s</sub> < 5/8)	%	SCHIPHOL VV < 800m and/or h <sub>s</sub> h <sub>s</sub> < 60m (N <sub>s</sub> > 4/8)	EELDE VV ≥ 1600m and/or h <sub>s</sub> h <sub>s</sub> ≥ 120m or h <sub>s</sub> h <sub>s</sub> = 60—120m (N <sub>s</sub> < 5/8)	%
	Total number of hours	Number of hours	%	Total number of hours	Number of hours	%
January	83	38	46	592	163	28
February	61	28	46	761	212	28
March	63	39	62	484	174	36
April	42	22	52	143	62	43
May	20	11	55	99	39	39
June	33	22	67	28	21	75
July	20	15	75	59	31	53
August	38	21	55	77	48	62
September	51	18	35	184	73	40
October	45	20	44	514	176	34
November	63	23	37	534	183	34
December	103	50	49	893	176	20
Year	622	307	49	4368	1358	31

TABLE IVf. A further comparison for the cases (see table IVe) in which the conditions at Eelde are considerably better than those at Schiphol (1949-1963).

## December — January — February (1949 — 1963)

Direction of Wind (Degrees true)	Period 04.00 — 09.00 G.M.T.								Period 10.00 — 15.00 G.M.T.							
	wind speed in knots								wind speed in knots							
	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total
Calm	5.7								3.0							
350 - 360 - 010	1.0	1.2	0.5	0.2	0.1	0.0	5.7	3.0	0.7	1.8	0.8	0.5	0.1	0.0	4.0	
020 - 030 - 040	0.8	1.2	0.7	0.3	0.1		3.1	0.5	1.2	1.1	0.7	0.1	0.0	3.7		
050 - 060 - 070	1.2	2.6	2.6	2.0	0.5		8.8	0.9	2.8	2.8	2.3	0.6	0.1	9.6		
080 - 090 - 100	1.8	3.2	2.1	1.0	0.4	0.1	8.6	1.0	2.7	1.8	1.0	0.3	0.1	7.0		
110 - 120 - 130	1.5	2.0	1.1	0.2			4.8	1.0	1.9	1.3	0.3	0.0		4.5		
140 - 150 - 160	1.8	3.9	2.4	0.8	0.2	0.0	9.1	1.1	3.0	2.4	1.0	0.2	0.0	7.7		
170 - 180 - 190	2.2	4.7	3.8	1.9	0.4	0.1	13.1	1.9	4.2	3.4	1.9	0.6	0.1	12.0		
200 - 210 - 220	1.0	4.5	4.3	3.4	1.6	0.7	15.5	1.2	3.7	4.4	3.2	1.7	1.2	15.4		
230 - 240 - 250	1.5	2.6	2.3	2.0	1.4	1.6	11.3	1.3	2.4	2.7	2.4	1.8	2.2	12.8		
260 - 270 - 280	0.8	1.8	1.6	1.3	1.4	1.3	8.2	0.8	1.9	2.1	2.0	1.9	1.6	10.4		
290 - 300 - 310	0.8	1.6	1.2	1.0	0.4	0.4	5.3	0.8	1.1	1.2	1.4	0.7	0.8	5.8		
320 - 330 - 340	0.9	1.2	0.6	0.4	0.2	0.1	3.4	1.0	0.9	1.1	0.6	0.2	0.2	4.1		
Total	5.7	15.3	30.4	23.1	14.6	6.6	4.3	100	3.0	12.2	27.6	25.2	17.2	8.3	6.5	100

## March — April — May (1949 — 1963)

Direction of Wind (Degrees true)	Period 04.00 — 09.00 G.M.T.								Period 10.00 — 15.00 G.M.T.							
	wind speed in knots								wind speed in knots							
	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total
Calm	4.9								1.2							
350 - 360 - 010	2.4	3.8	3.0	0.9	0.2	0.0	10.3	1.2	0.8	2.0	2.9	2.3	0.7	0.1	8.8	
020 - 030 - 040	1.2	2.1	1.9	0.7	0.2		6.1	0.6	2.3	3.2	1.8	0.4	0.0	8.3		
050 - 060 - 070	1.2	3.4	3.6	1.6	0.4	0.1	10.3	0.7	3.7	4.6	2.8	1.1	0.2	13.1		
080 - 090 - 100	1.5	3.4	2.1	0.8	0.1	0.0	8.0	0.8	2.4	1.4	0.7	0.1	0.0	5.5		
110 - 120 - 130	1.3	2.3	1.0	0.3	0.0		4.9	0.6	1.8	1.4	0.5	0.1	0.0	4.4		
140 - 150 - 160	1.7	3.2	1.4	0.3	0.0	0.0	6.7	0.6	1.8	1.3	0.3	0.0		4.0		
170 - 180 - 190	2.3	3.3	2.0	0.7	0.2	0.2	8.7	0.7	2.1	1.7	1.0	0.2	0.1	5.7		
200 - 210 - 220	1.1	2.9	3.0	1.3	0.6	0.3	9.2	0.7	2.1	2.6	1.8	1.1	0.5	8.7		
230 - 240 - 250	1.4	2.7	2.1	1.5	1.3	0.8	9.8	0.7	1.9	2.4	2.9	2.3	2.7	12.9		
260 - 270 - 280	1.3	2.2	1.8	1.5	0.7	0.2	7.8	0.8	2.5	3.1	2.6	1.3	0.7	11.0		
290 - 300 - 310	1.3	1.7	1.2	0.9	0.5	0.2	5.8	0.5	1.7	2.0	2.0	0.8	0.5	7.5		
320 - 330 - 340	1.4	2.5	1.8	1.2	0.4	0.2	7.5	0.7	1.8	2.6	2.2	1.1	0.4	8.9		
Total	4.9	18.2	33.7	24.9	11.7	4.6	2.0	100	1.2	8.1	26.2	29.2	20.7	9.2	5.4	100

TABLE VA. Percentage frequency of occurrence of a certain wind speed and a certain wind direction at Schiphol.

The number "0.0" indicates a percentage less than 0.05.



## December — January — February (1949 — 1963)

Period 16.00 — 21.00 G.M.T.								Period 22.00 — 03.00 G.M.T.								Direction of Wind (Degrees true)
wind speed in knots								wind speed in knots								
Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	
4.2							4.2	5.3							5.3	Calm
1.1	1.6	0.6	0.2	0.1	0.1	0.1	3.8	1.1	1.3	0.3	0.2	0.1	0.0	0.0	3.0	350 - 360 - 010
0.7	1.6	1.1	0.6	0.2	0.1	0.1	4.3	0.8	1.3	0.8	0.5	0.1	0.0	0.0	3.5	020 - 030 - 040
1.1	2.9	2.9	2.2	0.7	0.1	0.1	9.8	1.6	2.9	2.5	2.1	0.4			9.6	050 - 060 - 070
1.3	3.0	2.1	0.9	0.4	0.0	0.0	7.7	1.4	3.2	2.4	0.7	0.5	0.0	0.0	8.1	080 - 090 - 100
1.2	1.8	1.0	0.1	0.1			4.2	1.4	1.7	1.0	0.1				4.2	110 - 120 - 130
1.7	3.0	2.6	0.6	0.1	0.1	0.1	8.1	1.8	3.4	2.5	0.8	0.1			8.6	140 - 150 - 160
2.0	4.2	3.4	1.7	0.5	0.1	0.1	12.0	2.2	4.6	3.6	1.5	0.6	0.0	0.0	12.5	170 - 180 - 190
1.6	4.7	4.7	3.0	1.4	0.9	0.9	16.2	1.2	5.5	4.7	3.7	1.6	0.9	1.6	17.8	200 - 210 - 220
1.5	2.9	2.3	2.3	1.6	1.7	1.7	12.3	1.2	2.3	1.9	1.7	1.5	1.6	1.6	10.3	230 - 240 - 250
1.2	1.7	1.7	1.5	1.0	1.1	1.1	8.3	0.9	1.6	1.7	1.6	1.2	1.3	1.3	8.3	260 - 270 - 280
0.6	1.3	1.1	1.0	0.7	0.4	0.4	5.0	0.6	1.4	1.1	1.2	0.5	0.4	0.4	5.2	290 - 300 - 310
1.2	1.4	0.7	0.5	0.1	0.1	0.1	4.1	1.2	1.0	0.8	0.4	0.1	0.1	0.1	3.6	320 - 330 - 340
4.2	15.1	30.2	24.2	14.7	6.9	4.7	100	5.3	15.4	30.2	23.3	14.5	6.8	4.5	100	Total

## March — April — May (1949 — 1963)

Period 16.00 — 21.00 G.M.T.								Period 22.00 — 03.00 G.M.T.								Direction of Wind (Degrees true)
wind speed in knots								wind speed in knots								
Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	
3.3							3.3	6.6							6.6	Calm
1.4	3.1	4.1	1.8	0.5	0.1	0.1	11.0	2.6	4.2	2.1	0.5	0.0			9.6	350 - 360 - 010
1.1	3.0	3.9	1.8	0.4			10.1	1.4	2.5	1.9	0.4	0.0			6.3	020 - 030 - 040
1.5	4.5	3.6	1.8	0.4	0.2	0.2	12.0	1.5	3.9	3.4	1.3	0.2	0.0	0.0	10.3	050 - 060 - 070
1.5	2.8	1.5	0.4	0.0	0.1	0.1	6.3	1.8	4.2	2.4	0.7	0.1	0.1	0.1	9.3	080 - 090 - 100
1.2	1.7	0.6	0.2	0.1			3.8	1.8	2.3	0.8	0.1	0.0			5.0	110 - 120 - 130
1.1	1.8	0.6	0.1	0.0			3.7	2.0	3.3	0.8	0.3	0.1			6.4	140 - 150 - 160
1.2	1.6	0.9	0.3	0.1	0.0	0.0	4.0	2.2	3.5	1.5	0.7	0.1	0.0	0.0	8.0	170 - 180 - 190
0.8	2.2	1.8	1.1	0.5	0.3	0.3	6.7	1.4	3.6	2.3	1.3	0.4	0.2	0.2	9.2	200 - 210 - 220
1.5	2.9	3.0	2.6	1.5	1.6	1.6	13.2	2.0	3.0	1.7	1.2	0.9	0.7	0.7	9.6	230 - 240 - 250
1.5	2.8	2.1	1.1	0.5	0.2	0.2	8.2	1.7	1.9	1.2	0.8	0.5	0.3	0.3	6.3	260 - 270 - 280
1.4	2.4	1.8	0.9	0.4	0.3	0.3	7.2	1.6	1.5	0.8	0.5	0.3	0.2	0.2	5.0	290 - 300 - 310
1.6	3.5	3.6	1.3	0.5	0.1	0.1	10.5	2.9	3.2	1.4	0.6	0.2	0.0	0.0	8.4	320 - 330 - 340
3.3	15.8	32.2	27.5	13.4	5.0	2.8	100	6.6	22.8	37.2	20.5	8.4	2.8	1.7	100	Total

## June — July — August (1949—1963)

Direction of Wind (Degrees true)	Period 04.00 — 09.00 G.M.T.								Period 10.00 — 15.00 G.M.T.							
	wind speed in knots								wind speed in knots							
	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total
Calm	7.1							7.1	1.5							1.5
350 - 360 - 010	1.9	2.9	1.4	0.3	0.0			6.6	0.8	2.0	1.8	0.8	0.0			5.4
020 - 030 - 040	1.2	1.6	0.9	0.1				3.8	0.7	1.7	1.4	0.4	0.1			4.2
050 - 060 - 070	1.1	2.3	1.2	0.2				4.9	1.0	3.1	2.8	0.9	0.1			8.0
080 - 090 - 100	1.7	2.7	0.8	0.1				5.2	0.9	1.8	0.9	0.2	0.0			3.7
110 - 120 - 130	1.6	1.4	0.3	0.0	0.0			3.3	0.8	1.2	0.4	0.0	0.0			2.4
140 - 150 - 160	2.6	2.9	0.7	0.0				6.2	0.7	1.3	0.6	0.1	0.0			2.8
170 - 180 - 190	3.4	4.7	1.6	0.4	0.1			10.1	0.8	2.0	1.4	0.7	0.1			5.0
200 - 210 - 220	2.4	6.1	4.9	2.0	0.4	0.1		15.8	0.9	2.5	3.0	2.0	0.8	0.3		9.5
230 - 240 - 250	2.1	4.1	3.6	2.5	1.1	0.3		13.7	1.0	2.4	4.9	5.5	3.3	1.8		18.9
260 - 270 - 280	2.0	2.8	2.9	2.0	0.8	0.2		10.8	1.0	4.1	6.2	5.4	1.9	0.4		19.0
290 - 300 - 310	1.6	2.0	1.6	1.0	0.2			6.4	0.8	3.1	4.3	2.7	0.7	0.2		11.7
320 - 330 - 340	1.8	2.3	1.3	0.6	0.0			6.1	0.8	2.3	3.0	1.5	0.3	0.0		7.9
Total	7.1	23.2	35.7	21.3	9.2	2.8	0.7	100	1.5	10.2	27.4	30.5	20.2	7.4	2.8	100

## September — October — November (1949 — 1963)

Direction of Wind (Degrees true)	Period 04.00 — 09.00 G.M.T.								Period 10.00 — 15.00 G.M.T.							
	wind speed in knots								wind speed in knots							
	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total
Calm	8.0							8.0	2.0							2.0
350 - 360 - 010	2.0	1.3	0.5	0.2	0.0	0.0		4.1	1.1	1.7	1.1	0.4	0.1	0.0		4.5
020 - 030 - 040	1.1	0.7	0.6	0.2	0.0	0.0		2.7	0.9	1.4	1.1	0.6	0.1	0.0		4.1
050 - 060 - 070	1.5	2.6	1.4	0.6	0.1	0.1		6.3	1.1	4.2	2.8	0.7	0.2	0.1		9.2
080 - 090 - 100	2.1	3.7	1.3	0.3	0.0			7.5	1.3	2.9	1.6	0.3	0.1			6.3
110 - 120 - 130	1.7	3.0	0.8	0.1	0.0	0.1		5.7	1.1	2.5	1.4	0.3	0.0	0.0		5.4
140 - 150 - 160	2.5	5.4	2.9	1.1	0.2	0.0		12.1	1.2	3.0	2.6	1.2	0.2	0.0		8.2
170 - 180 - 190	2.8	5.2	3.8	1.2	0.2	0.1		13.4	1.4	4.2	3.3	1.8	0.6	0.0		11.4
200 - 210 - 220	1.8	5.1	4.7	2.7	1.0	0.5		15.8	1.2	3.9	4.7	3.8	1.4	0.6		15.6
230 - 240 - 250	1.8	2.7	1.7	1.1	0.6	0.4		8.2	0.6	1.9	3.1	2.7	1.7	1.3		11.2
260 - 270 - 280	1.1	2.0	1.8	1.3	0.5	0.5		7.2	0.5	1.6	3.3	2.9	1.2	0.9		10.4
290 - 300 - 310	1.0	1.1	1.1	0.9	0.5	0.2		4.8	0.4	1.3	1.6	1.4	0.8	0.5		6.0
320 - 330 - 340	1.4	1.3	0.7	0.6	0.1	0.1		4.2	0.9	1.8	1.9	1.0	0.1	0.1		5.7
Total	8.0	20.9	34.2	21.4	10.2	3.4	1.9	100	2.0	11.9	30.4	28.6	17.1	6.5	3.5	100

TABLE Va (continued)

## June -- July -- August (1949 -- 1963)

Period 16.00 -- 21.00 G.M.T.								Period 22.00 -- 03.00 G.M.T.								Direction of Wind (Degrees true)
wind speed in knots								wind speed in knots								
Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	
4.8							4.8	10.9							10.9	Calm
1.9	3.4	2.1	0.4	0.0	0.0	0.0	7.8	3.1	2.6	0.6	0.3	0.0	0.0	0.0	6.6	350 - 360 - 010
1.3	2.2	1.8	0.5	0.1	0.0	0.0	5.9	1.5	1.7	0.4	0.1	0.0	0.0	0.0	3.8	020 - 030 - 040
1.6	3.3	2.0	0.5	0.1	0.0	0.0	7.5	1.7	2.7	1.3	0.2	0.0	0.0	0.0	5.9	050 - 060 - 070
1.4	1.7	0.5	0.1	0.0	0.0	0.0	3.7	2.1	2.4	0.8	0.1	0.0	0.0	0.0	5.4	080 - 090 - 100
0.8	0.7	0.1	0.0	0.0	0.0	0.0	1.6	2.0	1.3	0.2	0.0	0.0	0.0	0.0	3.5	110 - 120 - 130
1.2	1.0	0.2	0.1	0.0	0.0	0.0	2.4	2.8	2.9	0.2	0.0	0.0	0.0	0.0	5.9	140 - 150 - 160
1.5	1.6	0.8	0.2	0.0	0.0	0.0	4.2	4.9	4.7	1.1	0.3	0.0	0.0	0.0	11.0	170 - 180 - 190
1.3	2.6	2.0	1.2	0.2	0.2	0.2	7.6	3.3	6.2	3.7	1.1	0.2	0.0	0.0	14.6	200 - 210 - 220
2.8	4.4	5.1	3.5	1.7	0.9	0.9	18.4	4.0	4.6	2.9	1.3	0.6	0.3	0.1	13.8	230 - 240 - 250
3.5	4.6	3.5	1.7	0.4	0.1	0.1	13.7	3.0	2.2	1.3	0.6	0.3	0.1	0.1	7.5	260 - 270 - 280
2.5	4.2	2.7	1.3	0.4	0.0	0.0	11.2	1.9	1.4	1.0	0.4	0.1	0.0	0.0	4.8	290 - 300 - 310
2.6	4.1	3.4	0.9	0.2	0.0	0.0	11.2	3.3	2.1	0.7	0.3	0.0	0.0	0.0	6.3	320 - 330 - 340
4.8	22.5	33.9	24.0	10.4	3.1	1.3	100	10.9	33.5	34.9	14.2	4.7	1.3	0.5	100	Total

## September -- October -- November (1949 -- 1963)

Period 16.00 -- 21.00 G.M.T.								Period 22.00 -- 03.00 G.M.T.								Direction of Wind (Degrees true)
wind speed in knots								wind speed in knots								
Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	Calm	1-5	6-10	11-15	16-20	21-25	> 25	Total	
5.3							5.3	8.8							8.8	Calm
2.5	2.0	0.7	0.2	0.0	0.0	0.0	5.4	2.2	1.1	0.4	0.1	0.0	0.0	0.0	3.8	350 - 360 - 010
1.0	1.6	1.1	0.4	0.1	0.0	0.0	4.3	1.2	0.7	0.4	0.2	0.0	0.0	0.0	2.6	020 - 030 - 040
2.5	3.6	1.8	0.6	0.1	0.0	0.0	8.7	1.6	2.9	1.5	0.6	0.1	0.0	0.0	6.6	050 - 060 - 070
2.5	3.6	1.5	0.2	0.0	0.0	0.0	7.8	2.3	4.0	1.3	0.2	0.0	0.0	0.0	7.9	080 - 090 - 100
1.9	2.4	0.7	0.2	0.0	0.0	0.0	5.2	2.3	2.9	0.6	0.2	0.1	0.0	0.0	6.1	110 - 120 - 130
1.9	4.3	2.1	0.9	0.2	0.0	0.0	9.3	2.2	5.6	2.0	0.7	0.2	0.0	0.0	10.7	140 - 150 - 160
2.2	5.0	2.6	1.1	0.4	0.0	0.0	11.3	2.8	6.3	3.0	1.0	0.3	0.1	0.1	13.5	170 - 180 - 190
1.7	4.9	3.7	2.5	1.1	0.3	0.3	14.2	1.9	5.2	4.6	2.5	0.9	0.2	0.2	15.4	200 - 210 - 220
1.7	2.9	2.6	1.6	0.6	0.6	0.7	10.2	2.1	2.6	1.9	1.1	0.5	0.5	0.5	8.7	230 - 240 - 250
1.6	2.3	1.7	1.3	0.5	0.2	0.2	7.6	1.3	1.6	1.8	1.2	0.6	0.4	0.4	7.0	260 - 270 - 280
1.4	1.6	1.1	0.8	0.6	0.2	0.2	5.7	1.2	1.3	0.8	0.8	0.3	0.2	0.2	4.7	290 - 300 - 310
1.5	2.0	1.1	0.3	0.1	0.1	0.1	5.0	1.6	1.4	0.7	0.3	0.1	0.1	0.1	4.2	320 - 330 - 340
5.3	22.5	36.2	20.7	10.0	3.7	1.6	100	8.8	22.7	35.6	19.2	8.9	3.2	1.6	100	Total

	Period	Runway 01 — 19					Runway 06 — 24				
		Crosswind (knots)					Crosswind (knots)				
		0—10	11—15	16—20	21—25	>25	0—10	11—15	16—20	21—25	> 25
January	04 — 09	73.3	14.1	7.0	2.7	2.9	80.5	13.6	3.9	1.5	0.5
	10 — 15	67.6	15.8	10.0	3.6	3.0	76.8	14.9	5.9	1.5	0.9
	16 — 21	71.9	14.9	8.0	3.6	1.6	79.5	13.2	6.1	0.9	0.3
	22 — 03	71.8	14.8	7.2	4.2	2.0	78.8	13.7	6.3	0.8	0.4
	24 hrs.	71.2	14.9	8.0	3.5	2.4	78.9	13.9	5.6	1.1	0.5
February	04 — 09	77.6	12.8	5.8	1.9	1.9	84.5	11.3	3.2	0.6	0.4
	10 — 15	66.4	16.3	9.6	4.3	3.4	78.2	14.6	5.4	1.1	0.7
	16 — 21	74.9	14.0	7.2	2.5	1.4	85.8	9.8	2.6	1.2	0.6
	22 — 03	78.1	12.6	5.3	2.2	1.8	85.4	10.1	3.6	0.7	0.2
	24 hrs.	74.3	13.9	7.0	2.7	2.1	83.4	11.5	3.7	0.9	0.5
March	04 — 09	77.1	13.7	6.8	1.3	1.1	85.9	9.3	2.8	1.3	0.7
	10 — 15	66.5	16.3	11.0	4.0	2.2	77.6	14.8	5.3	1.2	1.1
	16 — 21	65.5	14.4	6.4	3.1	0.6	86.7	9.2	2.8	1.0	0.3
	22 — 03	77.0	14.0	5.7	2.2	1.1	88.6	7.5	2.8	0.8	0.3
	24 hrs.	74.0	14.6	7.5	2.7	1.2	84.7	10.2	3.4	1.1	0.6
April	04 — 09	82.9	10.0	5.1	1.6	0.4	82.3	12.8	4.1	0.6	0.2
	10 — 15	64.7	19.3	11.0	3.4	1.6	72.1	17.3	7.5	2.4	0.7
	16 — 21	80.3	13.3	4.3	1.3	0.8	80.4	14.0	4.1	1.2	0.3
	22 — 03	88.3	7.1	3.3	0.7	0.6	88.7	8.8	1.9	0.5	0.1
	24 hrs.	79.0	12.4	5.9	1.8	0.9	80.8	13.2	4.4	1.2	0.3
May	04 — 09	81.4	12.8	4.5	1.0	0.3	86.4	9.8	3.0	0.6	0.2
	10 — 15	64.4	21.7	10.3	2.4	1.2	75.2	16.6	6.3	1.6	0.3
	16 — 21	78.3	15.9	4.4	1.0	0.4	82.1	13.7	3.6	0.5	0.1
	22 — 03	89.2	8.8	1.4	0.4	0.2	92.3	6.3	1.3	0.1	
	24 hrs.	78.4	14.8	5.2	1.1	0.5	84.1	11.6	3.5	0.7	0.1
June	04 — 09	85.1	10.7	3.6	0.5	0.1	91.4	6.9	1.7	0.0	
	10 — 15	62.9	23.8	11.0	1.9	0.4	82.0	13.0	4.6	0.4	0.0
	16 — 21	80.9	14.4	4.1	0.6		87.0	10.5	2.3	0.2	
	22 — 03	92.7	5.9	1.1	0.2	0.1	95.2	4.0	0.8		
	24 hrs.	80.4	13.7	4.9	0.8	0.2	88.8	8.6	2.4	0.2	0.0

TABLE vb. Percentage frequency of occurrence of crosswinds of a certain strength with respect to the three main runways at Schiphol and a combination thereof. The number "0.0" indicates a percentage less than 0.05.

Runway 09 — 27					Combination of Runways					
Crosswind (knots)					Crosswind (knots)					
0—10	11—15	16—20	21—25	> 25	0—10	11—15	16—20	21—25	> 25	
76.8	13.8	6.9	1.8	0.7	97.7	2.0	0.3	0.0		January
70.2	17.3	9.4	2.0	1.1	95.6	3.4	0.9	0.1		
74.1	15.6	7.0	2.3	1.0	96.0	3.7	0.3			
73.9	16.4	5.9	2.5	1.3	96.7	3.0	0.2	0.1	0.0	
73.8	15.8	7.3	2.1	1.0	96.5	3.0	0.4	0.1	0.0	
79.1	14.2	5.7	0.8	0.2	97.7	1.8	0.3	0.1	0.1	February
75.0	14.8	7.8	1.8	0.6	96.5	2.3	0.9	0.2	0.1	
78.4	14.4	5.8	1.0	0.4	97.9	1.4	0.7	0.0		
81.4	12.9	4.6	0.6	0.5	98.0	1.6	0.2		0.2	
78.5	14.1	6.0	1.0	0.4	97.5	1.8	0.5	0.1	0.1	
82.5	11.4	4.0	1.3	0.8	96.5	2.8	0.5	0.1	0.1	March
73.1	16.0	7.6	2.0	1.3	95.5	3.3	0.9	0.1	0.2	
79.5	15.1	3.6	1.4	0.4	96.8	2.6	0.6	0.0		
85.3	11.0	2.9	0.7	0.1	97.4	2.1	0.4	0.1		
80.1	13.4	4.5	1.4	0.6	96.5	2.7	0.6	0.1	0.1	
75.3	17.2	6.0	1.3	0.2	97.7	2.0	0.3			April
63.6	21.4	11.8	2.6	0.6	94.2	4.6	1.2	0.0		
70.8	19.1	7.9	1.8	0.4	96.9	2.8	0.3	0.0		
81.6	13.2	4.4	0.7	0.1	98.8	1.0	0.2			
72.8	17.7	7.5	1.7	0.3	96.9	2.6	0.5	0.0		
80.6	15.3	3.8	0.2	0.1	98.1	1.6	0.3		0.0	May
69.8	20.1	8.9	1.0	0.2	94.9	4.5	0.5	0.1		
76.3	18.1	5.1	0.4	0.1	97.2	2.6	0.2			
89.1	8.8	1.7	0.3	0.1	99.4	0.6	0.0			
78.9	15.6	4.9	0.5	0.1	97.4	2.3	0.3	0.0	0.0	
87.7	10.1	2.0	0.2		99.4	0.6				June
78.9	15.9	4.8	0.4		96.8	3.1	0.1			
83.2	13.9	2.9	0.0		97.8	2.1	0.1			
93.1	5.7	1.2			99.4	0.6				
85.8	11.4	2.7	0.1	0.0	98.3	1.6	0.1			

	Period	Runway 01 — 19					Runway 06 — 24				
		Crosswind (knots)					Crosswind (knots)				
		0—10	11—15	16—20	21—25	> 25	0—10	11—15	16—20	21—25	> 25
July	04 — 09	81.8	12.0	5.2	0.9		90.0	8.2	1.8	0.0	
	10 — 15	58.6	22.9	14.9	3.1	0.5	80.6	14.9	3.9	0.5	0.1
	16 — 21	77.9	15.0	5.8	1.0	0.3	88.2	9.1	2.4	0.3	0.0
	22 — 03	90.7	6.8	2.1	0.4	0.0	95.9	3.3	0.7	0.1	
	24 hrs.	77.3	14.2	7.0	1.3	0.2	88.7	8.9	2.2	0.2	0.0
August	04 — 09	85.7	8.4	3.9	1.5	0.5	92.0	6.7	1.3		
	10 — 15	63.5	20.7	11.5	3.6	0.7	82.9	14.0	2.6	0.5	0.0
	16 — 21	81.6	12.4	5.1	0.8	0.1	91.9	6.3	1.7	0.1	
	22 — 03	90.9	6.2	2.0	0.5	0.4	95.6	3.7	0.7	0.0	
	24 hrs.	80.5	11.9	5.6	1.6	0.4	90.6	7.6	1.6	0.2	0.0
September	04 — 09	86.6	8.2	3.3	1.4	0.5	89.4	8.4	1.9	0.2	0.1
	10 — 15	68.3	17.8	9.3	2.6	2.0	80.7	14.5	3.7	0.8	0.3
	16 — 21	83.7	10.3	4.5	1.2	0.3	91.8	6.7	1.4	0.1	
	22 — 03	88.3	8.0	2.7	0.9	0.1	92.9	5.7	1.3	0.1	
	24 hrs.	81.7	11.1	5.0	1.5	0.7	88.7	8.8	2.1	0.3	0.1
October	04 — 09	86.6	9.0	3.1	1.1	0.2	85.8	9.0	4.4	0.4	0.4
	10 — 15	74.0	15.4	7.5	2.1	1.0	79.5	14.3	5.2	0.8	0.2
	16 — 21	88.4	7.3	2.9	0.9	0.5	88.6	7.8	2.7	0.6	0.3
	22 — 03	88.4	7.9	2.3	0.8	0.6	89.8	6.6	2.5	0.7	0.4
	24 hrs.	84.3	9.9	4.0	1.2	0.6	86.0	9.4	3.7	0.6	0.3
November	04 — 09	83.9	10.4	3.6	0.9	1.2	80.8	13.4	4.3	1.0	0.5
	10 — 15	78.8	12.8	5.0	1.9	1.5	76.1	16.1	6.6	0.9	0.3
	16 — 21	83.5	11.1	3.4	1.2	0.8	81.9	12.7	4.5	0.7	0.2
	22 — 03	81.9	11.0	4.1	1.7	1.3	82.3	12.4	4.0	1.1	0.2
	24 hrs.	82.1	11.3	4.0	1.4	1.2	80.3	13.7	4.8	0.9	0.3
December	04 — 09	77.0	13.0	5.9	2.1	2.0	81.7	13.7	3.5	0.5	0.6
	10 — 15	75.6	13.1	6.4	2.8	2.1	80.2	13.8	4.6	1.0	0.4
	16 — 21	79.0	11.9	5.2	1.7	2.2	81.7	13.4	3.7	0.8	0.4
	22 — 03	78.1	12.4	5.5	2.0	2.0	82.5	14.0	2.6	0.4	0.5
	24 hrs.	77.4	12.6	5.7	2.2	2.1	81.5	13.7	3.6	0.7	0.5

TABLE vb (continued)

Runway 09 — 27					Combination of Runways					
Crosswind (knots)					Crosswind (knots)					
0—10	11—15	16—20	21—25	> 25	0—10	11—15	16—20	21—25	> 25	
86.3	11.6	1.9	0.2	0.0	98.6	1.4				July
81.3	14.5	3.4	0.7	0.1	97.3	2.4	0.3			
84.6	12.8	2.0	0.4	0.2	97.8	1.9	0.3			
91.4	7.9	0.7		0.0	99.4	0.5	0.1			
85.9	11.7	2.0	0.3	0.1	98.2	1.7	0.1			
87.2	10.0	2.4	0.4	0.0	99.6	0.3	0.1			August
80.1	14.1	5.1	0.6	0.1	97.8	1.9	0.3			
87.8	9.9	2.0	0.3	0.0	98.7	1.3	0.0			
92.1	5.5	2.2	0.2		99.7	0.3				
86.7	9.9	2.9	0.4	0.1	99.0	0.9	0.1			
85.5	10.9	2.8	0.5	0.3	99.0	0.9	0.1			September
76.8	17.7	4.3	0.9	0.3	97.1	2.6	0.2	0.1		
87.2	10.6	2.1	0.1		99.2	0.8	0.0			
89.0	8.6	2.0	0.2	0.2	99.5	0.5				
84.7	11.9	2.8	0.4	0.2	98.7	1.2	0.1	0.0		
79.9	14.4	4.4	0.7	0.6	97.4	2.3	0.3	0.0	0.0	October
72.8	17.9	7.7	1.2	0.4	96.9	2.7	0.4			
83.3	12.0	3.7	0.9	0.1	98.0	1.6	0.4	0.0		
83.5	11.8	3.6	0.8	0.3	97.9	1.5	0.4	0.1	0.1	
79.9	14.0	4.8	0.9	0.4	97.7	2.0	0.3	0.0	0.0	
75.5	17.1	6.0	0.8	0.6	96.6	3.1	0.3			November
70.1	18.8	8.9	1.8	0.4	96.0	3.7	0.3			
75.6	15.2	7.4	1.4	0.4	97.2	2.4	0.4	0.0		
76.9	15.5	6.1	1.1	0.4	96.6	3.1	0.3			
74.5	16.7	7.1	1.3	0.4	96.6	3.1	0.3	0.0		
74.7	15.9	6.5	2.0	0.9	96.8	2.3	0.5	0.2	0.2	December
73.0	17.3	6.5	2.3	0.9	96.7	2.7	0.4	0.2		
74.7	16.5	6.3	1.6	0.9	97.9	1.9	0.2	0.0	0.0	
74.4	17.2	6.3	1.7	0.4	97.9	1.8	0.2	0.1		
74.2	16.7	6.4	1.9	0.8	97.2	2.2	0.3	0.2	0.1	

Month	Temperature (°C)	Wind speed (knots)							
		0 — 5		6 — 10		11 — 20		> 20	
		Runway							
		01	19	01	19	01	19	01	19
January	16 — 20								
	21 — 25								
	26 — 30								
	> 30								
February	16 — 20			0.0					
	21 — 25								
	26 — 30								
	> 30								
March	16 — 20	0.2	0.1	0.2		0.1		0.0	
	21 — 25								
	26 — 30								
	> 30								
April	16 — 20	0.8	0.7	0.8	0.4	0.4	0.3		
	21 — 25	0.1	0.0	0.1	0.0	0.1			
	26 — 30								
	> 30								
May	16 — 20	1.9	2.7	1.2	2.7	1.0	1.3	0.0	0.0
	21 — 25	0.4	0.8	0.3	0.8	0.1	0.1		
	26 — 30	0.1	0.1	0.0					
	> 30								
June	16 — 20	6.4	7.0	4.7	4.4	3.4	1.9	0.2	0.0
	21 — 25	1.6	2.1	0.5	1.9	0.3	0.7		0.0
	26 — 30	0.3	0.3	0.2	0.3	0.1	0.1		0.0
	> 30	0.0							

TABLE VC. Percentage frequency of occurrence of certain combinations of headwind speed and temperature for the main runways at Schiphol.



Wind speed (knots)								Wind speed (knots)								Month
0 — 5		6 — 10		11 — 20		> 20		0 — 5		6 — 10		11 — 20		> 20		
Runway								Runway								
06	24	06	24	06	24	06	24	09	27	09	27	09	27	09	27	
0.0								0.0								January
0.1 0.3 0.1 0.1 0.1 0.0								0.1 0.2 0.1 0.2 0.1 0.0 0.0								February
0.9 1.0 0.4 0.6 0.1 0.4 0.1 0.1 0.0 0.1 0.0								0.6 1.2 0.3 0.9 0.1 0.2 0.0 0.1 0.0 0.1 0.0 0.0								March
1.5 1.6 1.3 2.9 0.9 2.4 0.2 0.2 0.2 0.5 0.2 0.7 0.1 0.8 0.0 0.0 0.0 0.0 0.1 0.0								1.6 2.3 1.3 2.8 0.7 2.0 0.1 0.1 0.3 0.5 0.1 0.7 0.1 0.9 0.0 0.0 0.0 0.0 0.1 0.1								April
5.3 4.7 4.0 4.5 6.0 2.0 1.2 0.0 1.2 1.5 0.9 1.4 0.5 1.8 0.0 0.3 0.2 0.1 0.2 0.1 0.3 0.0 0.0								6.0 5.5 4.7 3.7 5.8 1.4 0.8 0.0 1.3 1.7 0.8 1.7 0.5 1.1 0.1 0.4 0.1 0.2 0.1 0.2 0.0 0.0								May
																June

Month	Temperature (°C)	Wind speed (knots)							
		0 — 5		6 — 10		11 — 20		> 20	
		01	19	01	19	01	19	01	19
July	16 — 20	12.0	10.7	7.3	5.0	6.4	1.9	0.5	0.0
	21 — 25	1.6	2.7	1.0	1.7	0.4	0.7	0.1	
	26 — 30	0.3	0.3	0.2	0.2	0.1	0.0		
	> 30	0.1	0.0	0.0					
August	16 — 20	12.2	10.0	9.5	4.2	6.7	1.4	0.7	0.0
	21 — 25	2.1	2.4	1.4	1.3	0.8	0.1	0.0	
	26 — 30	0.3	0.2	0.1	0.0	0.0			
	> 30								
September	16 — 20	7.1	6.6	5.5	3.0	4.5	1.2	0.4	
	21 — 25	1.1	1.1	0.7	0.5	0.4	0.1	0.0	
	26 — 30	0.1	0.1	0.1	0.0	0.1			
	> 30			0.0		0.0			
October	16 — 20	1.6	1.0	1.2	0.2	1.3		0.1	
	21 — 25	0.1	0.1			0.1			
	26 — 30								
	> 30								
November	16 — 20	0.0		0.0					
	21 — 25								
	26 — 30								
	> 30								
December	16 — 20								
	21 — 25								
	26 — 30								
	> 30								

TABLE VC (continued)

Wind speed (knots)								Wind speed (knots)								Month
0—5		6—10		11—20		> 20		0—5		6—10		11—20		> 20		
Runway								Runway								
06	24	06	24	06	24	06	24	09	27	09	27	09	27	09	27	
8.7	8.2	7.5	4.4	11.0	1.6	2.6	0.1	9.7	8.2	9.6	4.1	10.0	0.9	1.4		July
1.5	1.9	0.7	2.0	0.8	1.0	0.2	0.1	1.4	2.1	1.0	1.8	0.8	0.8	0.1		
0.3	0.4	0.1	0.1	0.0	0.1	0.0		0.1	0.5	0.1	0.2	0.0	0.1			
0.1	0.0							0.0	0.0		0.0					
10.3	8.2	8.7	3.4	10.5	1.0	2.7	0.0	10.7	8.8	9.6	3.3	9.9	0.7	1.8		August
1.9	2.1	1.2	1.4	0.7	0.6	0.2	0.0	1.8	2.1	1.1	1.9	0.7	0.4	0.1		
0.1	0.2	0.0	0.2	0.0	0.0			0.1	0.2	0.0	0.3	0.0	0.1			
5.0	6.4	4.3	3.9	5.6	1.8	1.4	0.0	5.7	6.9	4.1	4.9	4.6	1.3	1.0		September
0.8	1.1	0.4	0.9	0.2	0.4	0.1		0.6	1.3	0.2	1.1	0.2	0.4	0.0		
0.1	0.2	0.0	0.1	0.0				0.1	0.1	0.0	0.2					
0.0	0.0								0.0		0.0					
1.4	1.4	1.0	0.5	0.8	0.1	0.3		1.3	1.8	0.6	0.9	0.5	0.2	0.2		October
0.1	0.1	0.0	0.0	0.0				0.1	0.1	0.0	0.0		0.0			
																November
	0.0										0.0					
																December

Month	Hour of observation (GMT)											
	00		02		04		06		08		10	
	$T_m$	$\sigma$	$T_m$	$\sigma$	$T_m$	$\sigma$	$T_m$	$\sigma$	$T_m$	$\sigma$	$T_m$	$\sigma$
January	1.7	4.2	1.6	4.3	1.5	4.4	1.3	4.5	1.3	4.5	2.1	4.3
February	1.4	4.9	1.2	4.9	0.9	5.0	0.8	5.1	1.0	5.0	2.5	4.8
March	3.7	3.7	3.3	3.8	3.0	3.7	2.8	3.7	3.8	3.6	5.7	3.8
April	6.3	3.3	5.9	3.3	5.5	3.2	5.8	3.0	8.0	2.9	9.7	3.4
May	9.4	3.2	9.0	3.2	8.6	3.0	9.9	2.8	11.9	3.0	13.4	3.7
June	12.5	3.5	12.0	3.2	11.7	2.9	13.4	2.8	15.3	3.1	16.9	3.6
July	14.3	3.0	14.0	2.8	13.7	2.7	15.0	2.4	16.8	2.7	18.1	3.2
August	14.6	2.7	14.1	2.5	13.8	2.5	14.4	2.3	16.6	2.4	18.2	2.9
September	13.0	3.1	12.6	3.0	12.2	2.9	12.2	2.8	14.4	2.5	16.2	3.3
October	9.6	3.3	9.3	3.3	9.1	3.3	8.9	3.3	10.0	3.1	12.0	3.1
November	5.8	3.5	5.6	3.6	5.3	3.6	5.2	3.6	5.5	3.5	6.9	3.3
December	3.1	4.2	3.0	4.3	3.0	4.4	2.8	4.5	2.8	4.5	3.4	4.4

TABLE VI. Average surface dry-bulb temperature  $T_m$  ( $^{\circ}\text{C}$ ) and its standard deviation  $\sigma$  ( $^{\circ}\text{C}$ ) at Schiphol.

(1949-1963)

Hour of observation (GMT)												Month
12		14		16		18		20		22		
T <sub>m</sub>	σ	T <sub>m</sub>	σ	T <sub>m</sub>	σ	T <sub>m</sub>	σ	T <sub>m</sub>	σ	T <sub>m</sub>	σ	
3.1	4.2	3.4	4.0	2.8	4.0	2.2	4.0	2.0	4.1	1.9	4.2	January
3.6	4.7	4.1	4.7	3.6	4.6	2.6	4.6	2.1	4.6	1.7	4.7	February
7.0	4.0	7.7	4.3	7.4	4.6	5.8	3.8	4.8	3.6	4.2	3.6	March
10.8	3.7	11.3	4.0	10.9	4.0	9.5	3.7	7.8	3.4	7.0	3.4	April
14.4	4.1	14.7	4.1	14.4	4.2	13.2	3.9	11.2	3.5	10.3	3.3	May
17.8	4.0	18.2	4.2	17.7	4.1	16.7	3.9	14.6	3.5	13.3	3.2	June
18.8	3.3	19.1	3.5	18.8	3.6	17.9	3.3	15.9	3.0	14.9	2.8	July
19.0	3.1	19.4	3.3	18.9	3.4	17.6	2.8	15.8	2.9	15.0	2.7	August
17.2	3.5	17.5	3.6	17.0	3.5	15.3	3.3	14.0	2.9	13.4	2.9	September
13.0	3.3	13.3	3.5	12.5	3.4	11.1	3.2	10.4	3.1	9.9	3.2	October
7.9	3.3	8.0	3.2	7.1	3.1	6.6	3.2	6.3	3.3	6.0	3.5	November
4.4	4.0	4.5	3.9	3.9	3.9	3.5	4.0	3.3	4.0	3.1	4.1	December

*December — January — February*

Pressure (mb)	Temperature (°C)																				
	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2		
970.0— 979.9																					
980.0— 989.9																1	1	5	2	8	
990.0— 999.9															1	1	3	18	27	72	102
1000.0—1009.9					2	1	1	1		2	4	14	39	36	47	71	92	111	144	231	
1010.0—1019.9	1	1	3	7	9	12	8	3	14	13	44	66	77	92	134	220	294	273	261		
1020.0—1029.9					1	7	11	22	42	47	62	88	106	120	153	138	212	248	310		
1030.0—1039.9					3	1	8	6	4	5	16	34	41	55	52	72	126	223	276		
1040.0—1049.9								3	5	4	3	4	12	29	32	34	42	35	48		

*March — April — May*

Pressure (mb)	Temperature (°C)																		
	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	+1	2	3	4	5	6	7	8	9
970.0— 979.9														3	6	22	11		1
980.0— 989.9										3	5	11	27	15	25	35	30	38	26
990.0— 999.9							4	3	16	47	52	41	38	63	83	117	141	186	130
1000.0—1009.9	1	5	5	11	21	25	72	125	234	177	191	199	297	520	622	534	650	705	
1010.0—1019.9		1	8	8	13	32	52	98	191	333	416	467	626	808	835	1039	1150	1206	
1020.0—1029.9			4	8	10	20	66	114	194	253	339	353	451	542	602	735	736	770	758
1030.0—1039.9	2	1	8	12	9	10	11	32	53	101	92	133	161	125	139	119	105	56	83
1040.0—1049.9									7	3	3				1	2	3	1	1

TABLE VII. Total number of hours of the simultaneous occurrence of a certain temperature and a certain pressure at Schiphol for the years 1949 through 1963.

*December — January — February*

Temperature °(C)																Pressure (mb)		
-1	0	+1	2	3	4	5	6	7	8	9	10	11	12	13	14		15	16
	1	3	13	20	24	51	74	54	30	10	3							970.0— 979.9
14	42	98	101	104	156	165	143	102	77	53	48	25	1					980.0— 989.9
175	345	364	359	348	450	466	346	339	253	147	96	60	30	7				990.0— 999.9
346	534	613	617	629	677	687	642	514	328	196	130	57	49	5	5	3		1000.0—1009.9
375	577	691	784	676	700	703	668	545	405	358	227	85	44	5	3	2		1010.0—1019.9
406	579	718	659	523	661	597	563	484	433	305	148	54	38	18	7	4	2	1020.0—1029.9
349	404	419	338	281	220	193	190	135	67	34	20	11	6	3	2	3		1030.0—1039.9
47	43	41	32	29	9	4	1	2										1040.0—1049.9

Total number of observations: 32,468

*March — April — May*

Temperature (°C)																												Pressure (mb)	
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28											
																													970.0— 979.9
15	10	6	5	6																									980.0— 989.9
124	116	82	73	49	36	22	28	10																					990.0— 999.9
609	534	404	308	234	178	103	65	49	34	35	23	19	18	5	4	3	1												1000.0—1009.9
1272	1066	829	730	555	434	294	211	164	140	99	66	65	33	30	17	4	10	2											1010.0—1019.9
756	616	491	372	349	277	211	144	110	78	51	42	28	16	3	8	4	1												1020.0—1029.9
65	50	42	34	16	12	16	10	3	2																				1030.0—1039.9
																													1040.0—1049.9

Total number of observations: 33,120

June — July — August

Pressure (mb)	Temperature (°C)																
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
980.0— 989.9								1	2	5	1	2	10	5	4	1	
990.0— 999.9				3	8	12	7	11	13	17	57	85	117	117	98	71	
1000.0—1009.9				1	5	10	11	40	111	222	378	602	939	1068	926	786	
1010.0—1019.9				3	11	17	112	141	339	630	977	1432	1862	2098	2109	1968	
1020.0—1029.9	2	5	5	15	14	86	112	213	310	487	615	612	699	797	741	694	
1030.0—1039.9		2	7	7	8	14	28	28	24	25	18	24	24	31	32	27	

September — October — November

Pressure (mb)	Temperature (°C)																				
	-8	-7	-6	-5	-4	-3	-2	-1	0	+1	2	3	4	5	6	7	8	9	10	11	12
970.0— 979.9																8	7	5			
980.0— 989.9									2	6	4	8	10	14	30	27	34	42	28	18	
990.0— 999.9						1	1	23	8	25	18	22	26	70	140	192	195	276	275	395	344
1000.0—1009.9						6	11	20	57	59	106	110	192	305	415	553	577	565	627	606	558
1010.0—1019.9	1	3	2	7	4	10	24	71	110	152	224	257	290	400	577	702	813	744	846	881	994
1020.0—1029.9				3	2	16	70	83	114	135	212	249	294	364	405	517	616	602	653	663	741
1030.0—1039.9					3	6	11	34	39	45	77	99	101	108	130	88	77	91	68	94	70

TABLE VII (continued)



*June — July — August*

Temperature (°C)														Pressure (mb)		
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
																980.0— 989.9
51	19	15	4	5		2	2		1							990.0— 999.9
549	360	211	109	76	40	32	19	5	4	4						1000.0—1009.9
1590	1333	880	619	478	353	205	185	137	60	44	23	13	11	9	1	1010.0—1019.9
644	485	384	268	227	138	113	66	39	45	26	7	2	2			1020.0—1029.9
22	24	9	2													1030.0—1039.9

Total number of observations: 33,107

*September — October — November*

Temperature (°C)														Pressure (mb)								
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		
																						970.0— 979.9
3	12	4	1	1																		980.0— 989.9
250	156	89	65	38	22	3	4	3	3	1												990.0— 999.9
539	463	414	297	222	98	62	45	17	13	9	7	5	5	3	1							1000.0—1009.9
1000	1003	894	743	592	398	240	178	114	80	58	34	34	16	10	10	1	1	2	1	3		1010.0—1019.9
776	657	553	383	301	211	244	63	48	36	20	12	1										1020.0—1029.9
59	34	27	17	19	6	7	4	2														1030.0—1039.9

Total number of observations: 32,760

(1949 — 1963)

Month	Hour (GMT)												Mean Daily Maximum	Mean Daily Minimum
	00	02	04	06	08	10	12	14	16	18	20	22		
January	89	89	90	90	90	88	85	84	86	88	88	89	95	78
February	89	90	90	90	90	86	82	80	82	86	87	88	95	75
March	87	88	89	89	87	80	74	71	73	80	84	86	95	65
April	86	88	89	89	80	72	66	64	65	72	80	84	94	58
May	85	87	88	85	76	69	65	63	64	69	79	83	92	57
June	86	88	89	85	75	68	64	62	63	67	78	84	92	56
July	89	90	91	88	80	72	69	68	69	73	82	86	94	62
August	90	91	92	91	83	74	69	68	70	76	84	88	94	63
September	89	90	91	91	84	76	71	70	72	80	85	87	94	65
October	90	91	91	91	89	82	76	75	79	85	87	89	95	71
November	90	90	91	90	90	86	83	82	86	88	89	89	96	77
December	91	91	91	91	91	89	87	86	88	89	90	91	96	80

TABLE VIII. Average relative humidity (%) at Schiphol.

(1949 — 1963)

Month	Average monthly amount of precipitation (mm)	Maximum		Minimum	
		(mm)	Year	(mm)	Year
January	65.6	110.4	1956	16.2	1953
February	45.3	83.7	1950	4.1	1959
March	39.0	80.7	1951	11.7	1953
April	47.9	77.2	1962	11.9	1954
May	42.6	76.3	1963	15.5	1959
June	53.9	117.1	1953	20.0	1949
July	81.2	151.3	1954	19.9	1955
August	101.8	154.3	1957	27.8	1959
September	86.7	165.9	1957	3.8	1959
October	78.8	169.4	1960	5.4	1953
November	69.4	141.9	1950	15.8	1955
December	71.8	120.6	1961	16.1	1963
Year	783.9	958.1	1950	575.4	1959

TABLE IX. Average amount of precipitation (mm) at Schiphol.

WEATHER (ww code)	<i>Dec-Jan-Feb</i>					<i>Mar-Apr-May</i>				
	Period (GMT)					Period (GMT)				
	04- 09	10- 15	16- 21	22- 03	00- 23	04- 09	10- 15	16- 21	22- 03	00- 23
Lightning visible, no thunder heard (13)			0.0	0.0	0.0			0.1	0.3	0.1
Squalls (18)			0.1		0.0		0.0			0.0
Tornado cloud or waterspout (19)										
Dust/sandstorm (30-35)										
Drifting snow (36-39)	0.3	0.3	0.5	0.6	0.4					
Drizzle/rain sometimes mixed with snow (50-55, 58, 59, 60-65, 68, 69)	12.4	11.2	13.3	12.7	12.4	10.0	7.8	7.2	8.3	8.3
Freezing drizzle/rain, slight (56,66)	0.2	0.3	0.2	0.3	0.2	0.0			0.0	0.0
Freezing drizzle/rain, moderate or heavy (57,67)	0.0	0.0			0.0					
Snow (70-75)	1.8	1.4	1.5	1.5	1.5	0.5	0.2	0.2	0.3	0.3
Ice prisms, snow grains, snow crystals, ice pellets (76-79)	1.0	0.9	0.7	0.8	0.9	0.2	0.2	0.1	0.0	0.1
Rain shower, slight, moderate or heavy, sometimes mixed with snow (80,81,83,84)	2.0	3.1	2.0	1.6	2.2	2.1	2.9	2.3	1.8	2.3
Rain shower, violent (82)										
Snow shower, slight (85)	0.3	0.5	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2
Snow shower, moderate or heavy (86)	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Shower of snow/ice pellets, with or without rain/snow (87,88)	0.2	0.3	0.3	0.2	0.2	0.1	0.2	0.1	0.1	0.1
Shower of hail, with or without rain/snow, slight (89)			0.0		0.0		0.0			0.0
Shower of hail, with or without rain/snow, moderate or heavy (90)			0.0		0.0	0.0				0.0
Thunderstorm, not heavy at time of observation (17,91-95)		0.1	0.0	0.0	0.0	0.1	0.1	0.4	0.2	0.2
Thunderstorm, slight or moderate, with hail (96)		0.0		0.0	0.0	0.0			0.0	0.0
Thunderstorm, heavy (97)									0.0	0.0
Thunderstorm, combined with dust/sand- storm (98)										
Thunderstorm, heavy, with hail (99)										

TABLE X. Percentage frequency of occurrence at Schiphol of the most important weather types.

The number "0.0" indicates a percentage less than 0.05.

(1949 — 1963)

<i>Jun-Jul-Aug</i>					<i>Sep-Oct-Nov</i>					WEATHER (ww code)
04-09	Period (GMT) 10-15 16-21 22-03 00-23				04-09	Period (GMT) 10-15 16-21 22-03 23				
0.1	0.5	1.5	0.5		0.2	0.0	0.8	0.7	0.4	Lightning visible, no thunder heard (13) Squalls (18) Tornado cloud or waterspout (19) Dust/sandstorm (30-35) Drifting snow (36-39) Drizzle/rain sometimes mixed with snow (50-55,58,59,60-65,68,69) Freezing drizzle/rain, slight (56,66) Freezing drizzle/rain, moderate or heavy (57,67) Snow (70-75) Ice prisms, snow grains, snow crystals, ice pellets (76-79) Rain shower, slight, moderate or heavy, sometimes mixed with snow (80,81,83,84) Rain shower, violent (82) Snow shower, slight (85) Snow shower, moderate or heavy (86) Shower of snow/ice pellets, with or without rain/snow (87,88) Shower of hail, with or without rain/snow, slight (89) Shower of hail, with or without rain/snow, moderate or heavy (90) Thunderstorm, not heavy at time of observation (17,91-95) Thunderstorm, slight or moderate, with hail (96) Thunderstorm, heavy (97) Thunderstorm, combined with dust/sandstorm (98) Thunderstorm, heavy, with hail (99)
	0.0		0.0			0.0		0.0	0.0	
	0.0	0.0		0.0		0.0			0.0	
8.9	6.4	5.8	7.6	7.2	9.7	9.2	9.2	9.5	9.4	
					0.0	0.0			0.0	
					0.2	0.0	0.0	0.2	0.1	
					0.1			0.1	0.0	
3.6	3.9	2.9	2.6	3.3	3.7	4.7	3.6	3.2	3.8	
								0.0	0.0	
					0.0	0.1	0.0	0.0	0.0	
							0.0		0.0	
0.0				0.0	0.1	0.1	0.0	0.1	0.1	
						0.0		0.0	0.0	
0.8	1.0	1.4	1.1	1.1	0.4	0.2	0.6	0.7	0.5	
	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
	0.0		0.0	0.0		0.0	0.0		0.0	
							0.0		0.0	

Hour (GMT) of observation	January			February			March		
	Visibility < 1000 m			Visibility < 1000 m			Visibility < 1000 m		
	f <sub>1</sub>	f <sub>2</sub>	f	f <sub>1</sub>	f <sub>2</sub>	f	f <sub>1</sub>	f <sub>2</sub>	f
00	8.4	5.2	6.8	6.6	8.8	7.7	10.6	6.5	8.5
01	5.8	6.5	6.2	4.9	9.5	7.3	11.7	7.3	9.5
02	7.4	6.2	6.8	4.9	9.2	7.2	12.7	8.6	10.5
03	5.1	6.5	5.9	5.2	10.2	7.8	13.2	9.2	11.2
04	4.7	7.5	6.2	7.2	10.9	9.1	12.0	8.6	10.2
05	7.2	7.7	7.5	7.6	11.8	9.8	11.1	10.8	11.0
06	6.5	7.5	7.0	6.7	12.3	9.6	10.7	11.4	11.0
07	10.6	6.9	8.7	8.6	13.5	11.2	10.8	10.8	10.8
08	10.9	8.6	9.7	8.6	13.9	11.4	7.6	8.6	8.1
09	9.7	7.7	8.7	7.3	13.2	10.3	5.7	5.6	5.7
10	8.2	7.5	7.9	6.9	11.6	9.3	3.8	4.5	4.1
11	6.8	7.1	7.0	5.2	9.2	7.3	1.7	2.6	2.1
12	3.4	5.6	4.5	3.0	7.1	5.1	1.4	1.1	1.3
13	4.8	5.6	5.2	3.7	5.7	4.7	1.0	0.6	0.8
14	3.1	5.8	4.5	3.4	5.7	4.5	1.0	0.4	0.7
15	2.6	6.2	4.5	3.2	5.5	4.3	0.6	1.1	0.9
16	3.8	5.2	4.5	2.8	6.2	4.6	1.4	1.3	1.4
17	3.4	4.3	3.8	4.2	7.1	5.7	1.8	1.3	1.6
18	3.6	4.7	4.1	3.3	5.9	4.7	2.8	2.2	2.5
19	4.0	5.2	4.6	4.9	6.2	5.6	3.5	1.9	2.7
20	4.5	4.5	4.5	6.2	6.9	6.6	4.3	2.6	3.4
21	4.8	6.0	5.4	9.2	7.6	8.3	4.7	3.7	4.2
22	5.6	5.8	5.7	7.8	7.1	7.5	6.4	4.9	5.6
23	8.1	6.0	7.0	6.8	7.1	7.0	8.9	6.2	7.5
mean	6.0	6.2	6.1	5.8	8.8	7.4	6.2	5.2	5.6

ANNEX I. A comparison of the frequency of occurrence of a horizontal visibility below 1000 m during the period before 1949 (f<sub>1</sub>) and the period 1949 through 1963 (f<sub>2</sub>) at Schiphol. f is the weighted average of f<sub>1</sub> and f<sub>2</sub>. The number „0.0” indicates a percentage less than 0.05.

<i>April</i>			<i>May</i>			<i>June</i>			Hour (GMT) of observation
Visibility < 1000 m			Visibility < 1000 m			Visibility < 1000 m			
<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>	<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>	<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>	
1.4	2.7	2.1	2.2	1.9	2.0		0.7	0.4	00
1.9	3.3	2.6	2.3	2.4	2.4	0.4	1.1	0.8	01
2.6	4.2	3.5	2.4	2.8	2.6	0.4	1.6	1.1	02
3.3	5.3	4.3	5.4	3.9	4.6	2.6	1.6	2.1	03
4.1	5.1	4.6	3.6	5.4	4.6	1.0	3.6	2.4	04
6.9	5.8	6.3	1.2	3.9	2.7		2.9	1.6	05
5.8	4.4	5.1	2.4	2.2	2.3		1.1	0.6	06
3.1	2.9	3.0	1.7	1.1	1.4		0.7	0.4	07
1.5	1.3	1.4	1.0	0.4	0.7		0.2	0.1	08
0.2	1.1	0.7	0.1		0.0				09
0.1	0.4	0.2							10
	0.2	0.1							11
	0.2	0.1							12
									13
									14
							0.2	0.1	15
									16
									17
	0.2	0.1	0.6	0.2	0.4				18
									19
	0.7	0.4	0.6	0.2	0.4		0.2	0.1	20
0.6	1.1	0.9	0.6	0.4	0.5		0.2	0.1	21
	1.6	0.8	0.9	1.1	1.0		0.2	0.1	22
0.5	2.0	1.2	1.5	1.3	1.4		0.4	0.2	23
1.3	1.8	1.6	1.1	1.1	1.1	0.2	0.7	0.4	mean

Hour (GMT) of observation	<i>July</i>			<i>August</i>			<i>September</i>		
	Visibility < 1000 m			Visibility < 1000 m			Visibility < 1000 m		
	<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>	<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>	<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>
00	0.8	1.3	1.1	1.2	1.5	1.4	2.8	3.3	3.1
01	1.8	1.3	1.6	1.1	2.8	1.9	3.6	4.4	4.0
02	2.9	2.4	2.6	2.5	3.7	3.1	3.2	5.6	4.4
03	6.5	3.0	4.7	4.7	4.5	4.6	3.8	5.3	4.5
04	7.8	3.7	5.7	5.4	5.6	5.5	6.0	6.7	6.4
05	4.2	3.2	3.7	4.5	5.4	5.0	5.8	8.4	7.1
06	1.9	2.4	2.1	2.0	3.4	2.8	4.3	8.0	6.2
07	0.3	1.1	0.7	1.1	1.3	1.2	4.0	4.2	4.1
08		0.2	0.1	0.2	0.4	0.3	2.8	2.9	2.9
09				0.1			1.0	1.6	1.3
10				0.2		0.1	0.5	0.4	0.4
11								0.2	0.1
12				0.1		0.0	0.1		0.0
13									
14	0.1		0.0						
15								0.2	0.1
16								0.2	0.1
17								0.2	0.1
18							0.1	0.2	0.1
19								0.7	0.4
20					0.2	0.1		0.7	0.4
21					0.2	0.1	0.6	1.1	0.9
22	0.4	0.2	0.3	0.3	0.6	0.4	1.1	1.1	1.1
23	0.8	0.4	0.6	0.4	1.5	1.0	0.8	2.4	1.6
mean	1.1	0.9	1.0	1.0	1.3	1.1	1.7	2.4	2.1

ANNEX I (continued)



<i>October</i>			<i>November</i>			<i>December</i>			Hour (GMT) of observation
Visibility < 1000 m			Visibility < 1000 m			Visibility < 1000 m			
<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>	<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>	<i>f</i> <sub>1</sub>	<i>f</i> <sub>2</sub>	<i>f</i>	
7.1	7.5	7.3	9.6	7.3	8.4	5.9	9.7	7.8	00
8.5	9.2	8.9	9.4	8.2	8.7	7.0	9.5	8.3	01
9.8	9.5	9.6	11.6	7.1	9.3	4.4	10.5	7.5	02
11.1	10.3	10.7	12.1	8.2	10.0	5.1	9.9	7.6	03
10.3	10.5	10.4	11.7	8.2	9.9	4.8	10.3	7.6	04
12.0	10.3	11.1	12.1	7.3	9.6	4.6	10.5	7.6	05
13.4	13.5	13.5	12.3	8.4	10.2	6.6	10.8	8.8	06
9.9	11.8	10.9	12.4	10.0	11.2	9.6	10.1	9.8	07
6.4	8.8	7.7	10.6	9.1	9.8	9.9	14.2	12.1	08
4.0	7.7	5.9	8.5	6.7	7.6	10.5	13.3	12.0	09
2.2	4.1	3.2	6.7	5.3	5.9	8.4	10.3	9.4	10
1.2	1.9	1.6	5.3	3.6	4.5	6.5	9.9	8.2	11
	1.5	0.8	5.4	2.9	4.1	4.9	9.2	7.2	12
0.5	0.6	0.5	3.8	3.3	3.5	5.5	8.0	6.8	13
0.3	0.9	0.6	4.9	2.2	3.5	5.6	7.5	6.6	14
0.2	0.4	0.3	6.5	2.9	4.6	3.9	8.4	6.2	15
0.4	0.4	0.4	6.3	4.4	5.3	4.6	9.9	7.3	16
0.4	1.1	0.8	7.7	2.0	4.7	3.5	8.4	6.0	17
0.4	1.5	1.0	8.2	4.0	6.1	5.4	8.0	6.7	18
0.9	1.9	1.4	9.3	4.7	6.9	5.5	7.1	6.4	19
2.3	3.4	2.9	9.3	4.7	6.9	5.1	8.2	6.7	20
4.9	4.5	4.7	9.4	5.1	7.1	5.8	8.8	7.3	21
5.4	5.2	5.3	8.4	6.0	7.2	5.2	7.5	6.4	22
5.4	5.8	5.6	8.6	6.7	7.7	5.1	8.6	6.9	23
4.9	5.6	5.2	8.8	5.8	7.2	6.0	9.5	7.8	mean

Wind direction (in double points)	<i>Dec-Jan-Feb</i>								<i>Mar-Apr-May</i>							
	Wind force (Beaufort)								Wind force (Beaufort)							
	calm	1+2	3	4	5	6	> 6	total	calm	1+2	3	4	5	6	> 6	total
Calm	6.7							6.7	7.8							7.8
32		0.9	0.4	0.3	0.1	0.0	0.0	1.9		1.9	1.2	1.0	0.8	0.3	0.1	5.3
02		0.8	0.3	0.2	0.1	0.0	0.0	1.5		2.1	1.2	1.1	0.5	0.2	0.0	5.1
04		1.1	0.8	1.3	0.6	0.1	0.1	4.0		2.4	2.5	2.2	0.8	0.2	0.0	8.2
06		2.1	2.1	2.6	2.0	0.6	0.2	9.7		3.1	2.4	2.6	1.0	0.3	0.1	9.4
08		2.4	2.3	2.4	1.6	0.6	0.1	9.4		2.5	1.4	1.0	0.2	0.1	0.0	5.3
10		1.8	1.2	0.7	0.4	0.1	0.0	4.2		1.6	0.8	0.5	0.3	0.0	0.0	3.2
12		2.4	1.5	1.0	0.4	0.1	0.0	5.4		1.8	0.9	0.5	0.1	0.0	0.0	3.3
14		2.5	1.9	1.6	0.8	0.2	0.0	7.0		1.4	1.1	0.6	0.2	0.0		3.3
16		3.2	2.2	1.6	0.8	0.3	0.1	8.2		1.9	1.2	0.8	0.2	0.1	0.0	4.3
18		2.8	2.4	2.3	1.0	0.3	0.1	9.0		1.8	1.3	1.1	0.5	0.2	0.0	5.0
20		2.7	2.1	2.2	1.5	0.5	0.4	9.4		2.5	1.6	1.7	0.8	0.4	0.1	7.2
22		1.5	1.0	1.2	1.5	1.1	0.6	6.9		2.1	1.8	2.1	1.2	0.8	0.5	8.6
24		1.2	0.8	1.5	1.4	0.8	0.5	6.2		1.8	1.6	1.7	1.2	0.5	0.4	7.2
26		0.8	0.6	0.7	0.9	0.7	0.7	4.5		1.2	1.1	1.2	0.8	0.6	0.3	5.3
28		0.9	0.6	0.7	0.6	0.4	0.4	3.7		1.4	1.2	1.3	1.1	0.5	0.5	6.0
30		0.7	0.5	0.6	0.3	0.1	0.1	2.3		1.4	1.1	1.4	0.9	0.5	0.2	5.5
Total	6.7	28.1	20.9	21.0	14.2	5.9	3.2	100	7.8	31.1	22.5	20.8	10.8	4.7	2.4	100

ANNEX II. Percentage frequency of occurrence of a certain wind force (Beaufort scale) and a certain wind direction at Schiphol before 1949 for the four seasons (period: January 1930 through April 1940 and July 1945 through December 1948).

<i>Jun-Jul-Aug</i>								<i>Sep-Oct-Nov</i>								Wind direction (in double points)
Wind force (Beaufort)								Wind force (Beaufort)								
alm	1+2	3	4	5	6	> 6	total	calm	1+2	3	4	5	6	> 6	total	
8.6							8.6	10.5							10.5	Calm
	2.3	1.2	0.7	0.3	0.0		4.5		1.6	0.6	0.4	0.2	0.1	0.0	2.9	32
	2.1	1.3	0.4	0.1	0.0		4.0		1.2	0.5	0.3	0.2	0.0	0.0	2.3	02
	2.5	2.1	1.1	0.2	0.0		5.9		1.6	0.7	0.8	0.4	0.0	0.0	3.6	04
	2.9	2.6	1.2	0.3	0.0		7.0		2.3	1.8	1.6	0.7	0.2	0.0	6.6	06
	1.9	0.9	0.2	0.0			3.1		3.0	1.3	0.9	0.3	0.1	0.0	5.5	08
	1.3	0.4	0.1	0.0			1.8		2.2	0.7	0.5	0.1	0.0	0.0	3.4	10
	1.9	0.7	0.2	0.0			2.8		3.1	1.0	0.3	0.2	0.0	0.0	4.6	12
	1.7	0.8	0.3	0.1	0.0		2.9		3.2	1.3	0.6	0.2	0.0	0.0	5.3	14
	2.7	1.1	0.6	0.1	0.0	0.0	4.6		4.1	1.9	1.3	0.4	0.1	0.0	7.8	16
	2.8	1.7	1.1	0.4	0.0	0.0	6.0		3.9	2.4	1.8	0.7	0.4	0.1	9.3	18
	3.5	2.3	2.0	0.8	0.3	0.0	9.1		4.1	2.9	2.1	1.2	0.3	0.2	10.8	20
	2.5	2.4	3.0	2.0	0.5	0.2	10.6		2.2	1.6	1.7	1.3	0.5	0.3	7.6	22
	2.6	2.5	3.1	1.4	0.4	0.1	10.1		1.8	1.4	1.7	1.3	0.7	0.3	7.1	24
	1.8	1.8	2.0	0.9	0.4	0.1	7.0		1.4	0.9	1.2	0.9	0.6	0.2	5.2	26
	2.5	2.0	1.5	1.0	0.2	0.0	7.3		1.5	1.0	1.0	0.8	0.2	0.1	4.7	28
	1.9	1.2	1.1	0.4	0.1	0.0	4.7		1.2	0.7	0.4	0.3	0.1	0.1	2.8	30
8.6	37.1	25.1	18.7	8.0	2.0	0.5	100	10.5	38.3	20.7	16.7	9.2	3.3	1.3	100	Total



## 6. LIST OF FIGURES

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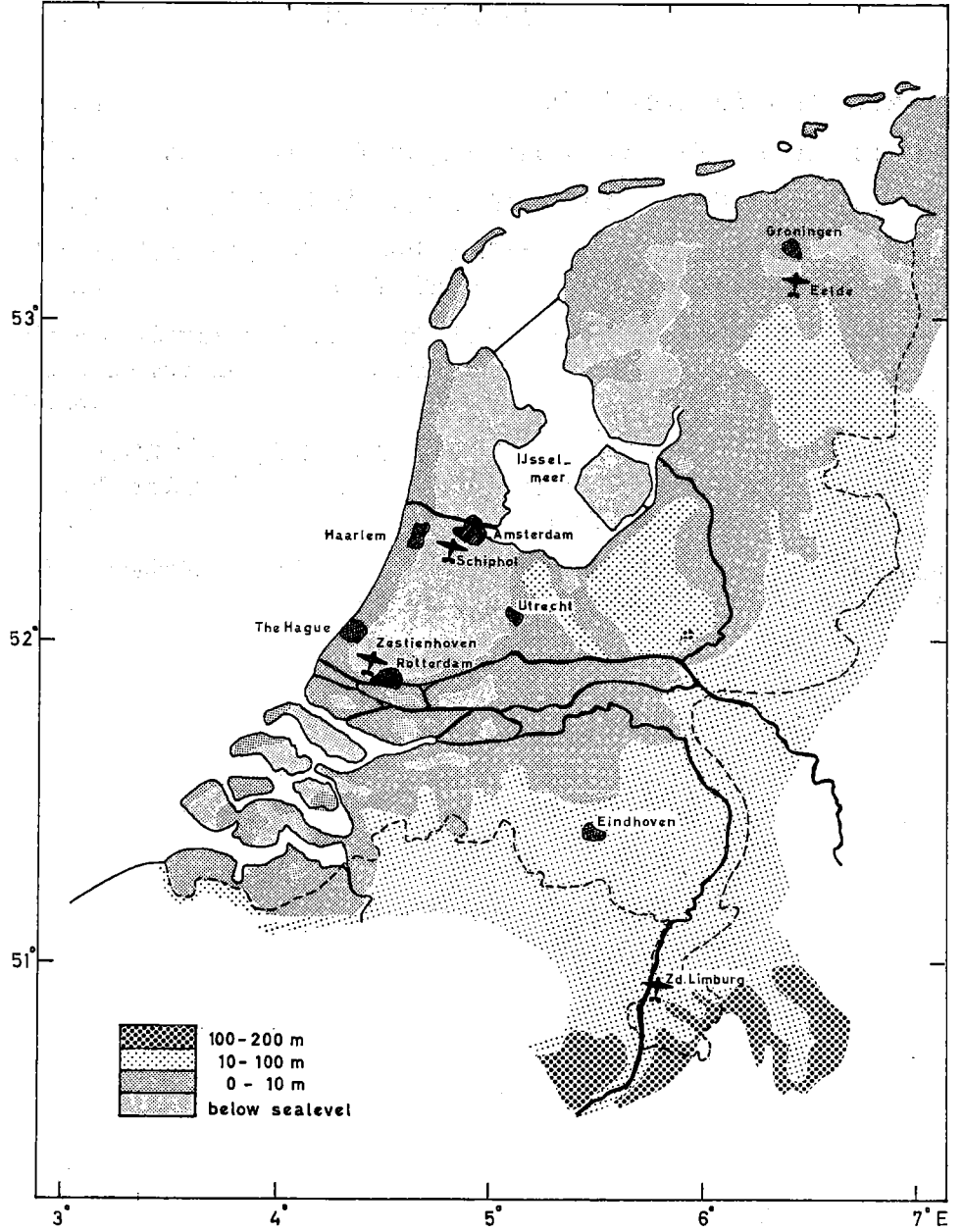
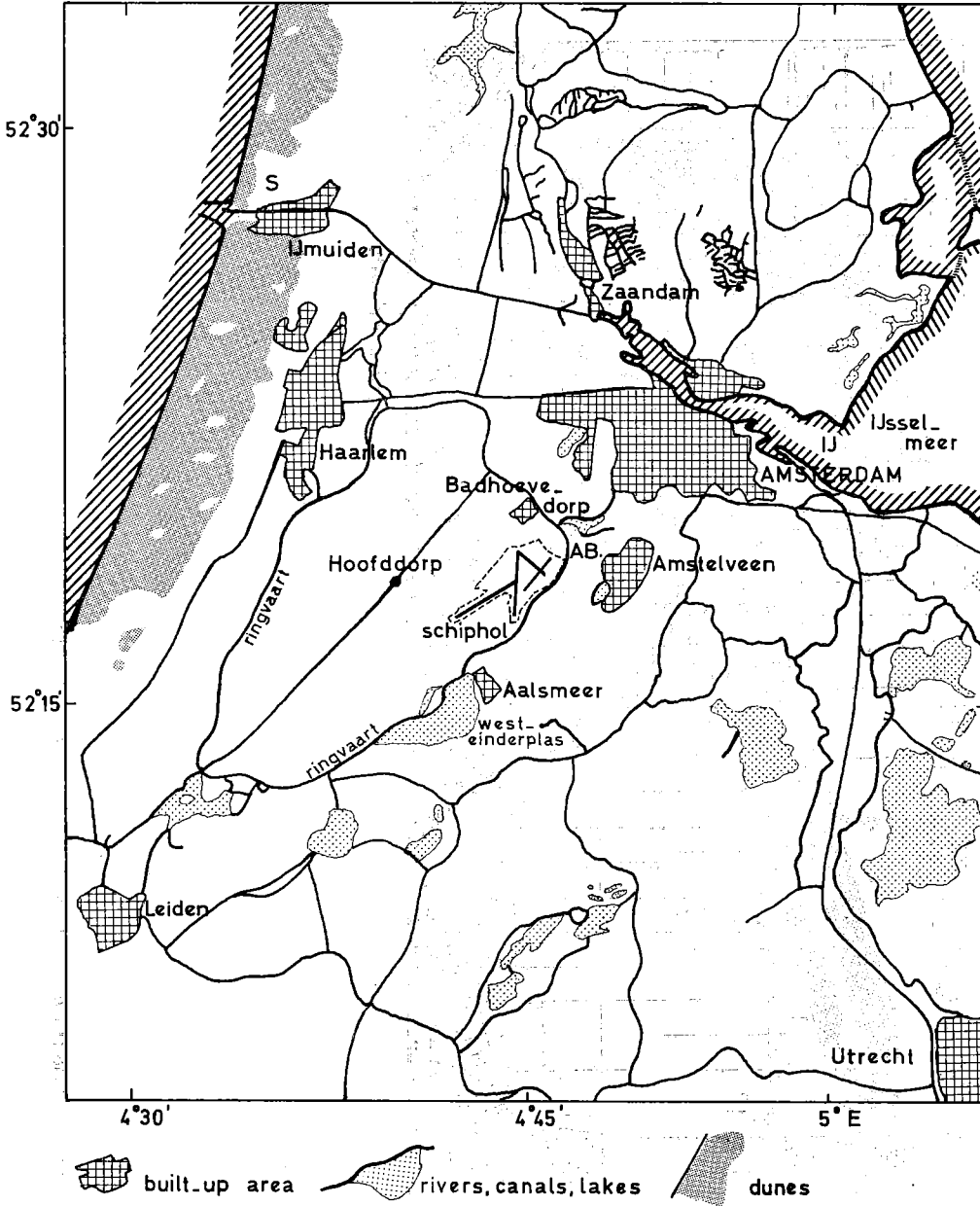


FIGURE 1. Map of the Netherlands.



AB. = Amsterdamse Bos.

S=Steelworks.

FIGURE 2. More detailed map of the western part of the Netherlands.

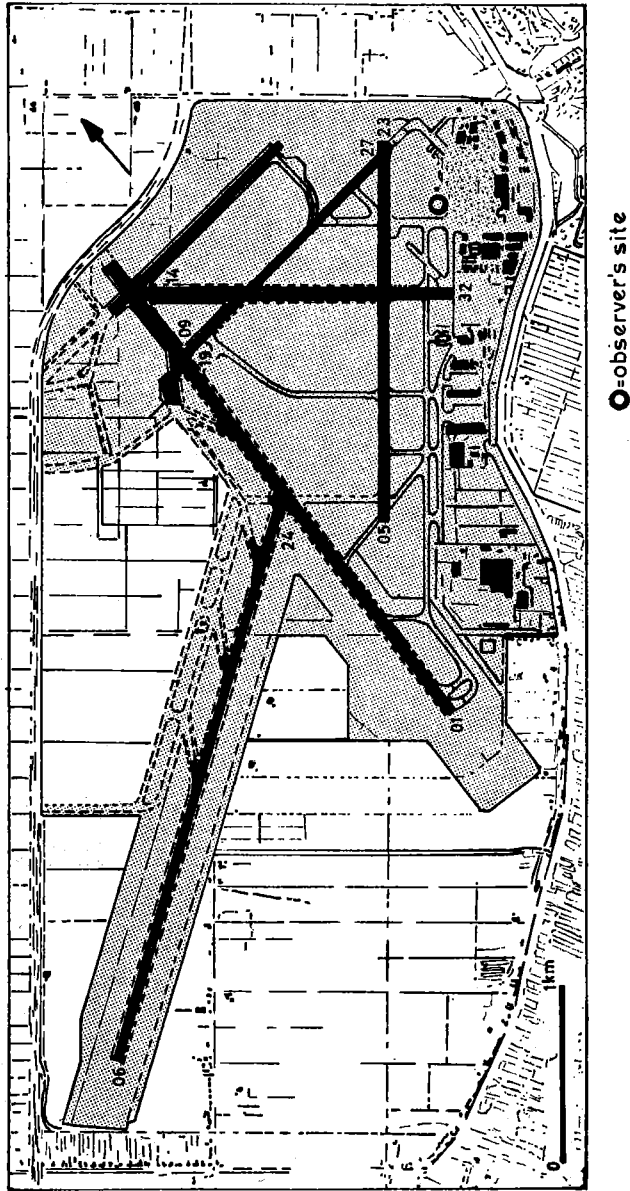


FIGURE 3. Map of the present system of runways at Schiphol airport.



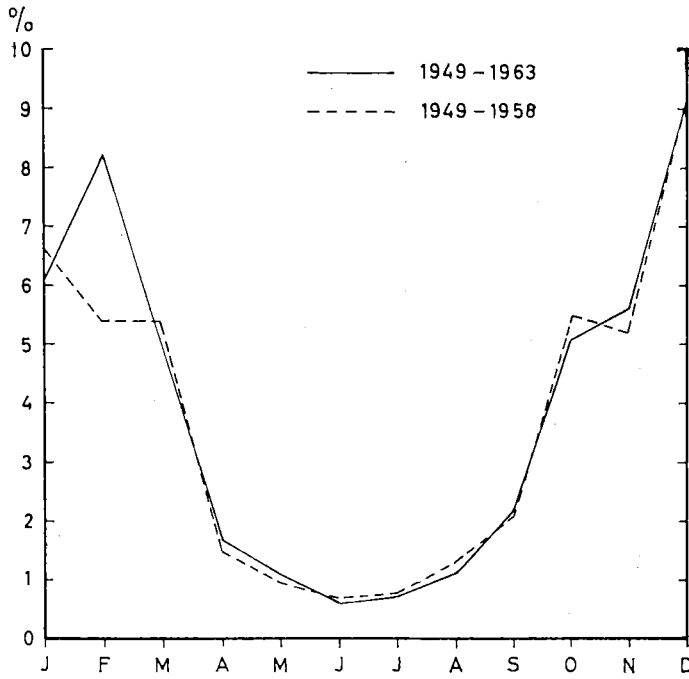


FIGURE 4a The percentage frequency of a horizontal visibility below 800 m and/or a height of cloud base below 60 m versus month of the year.

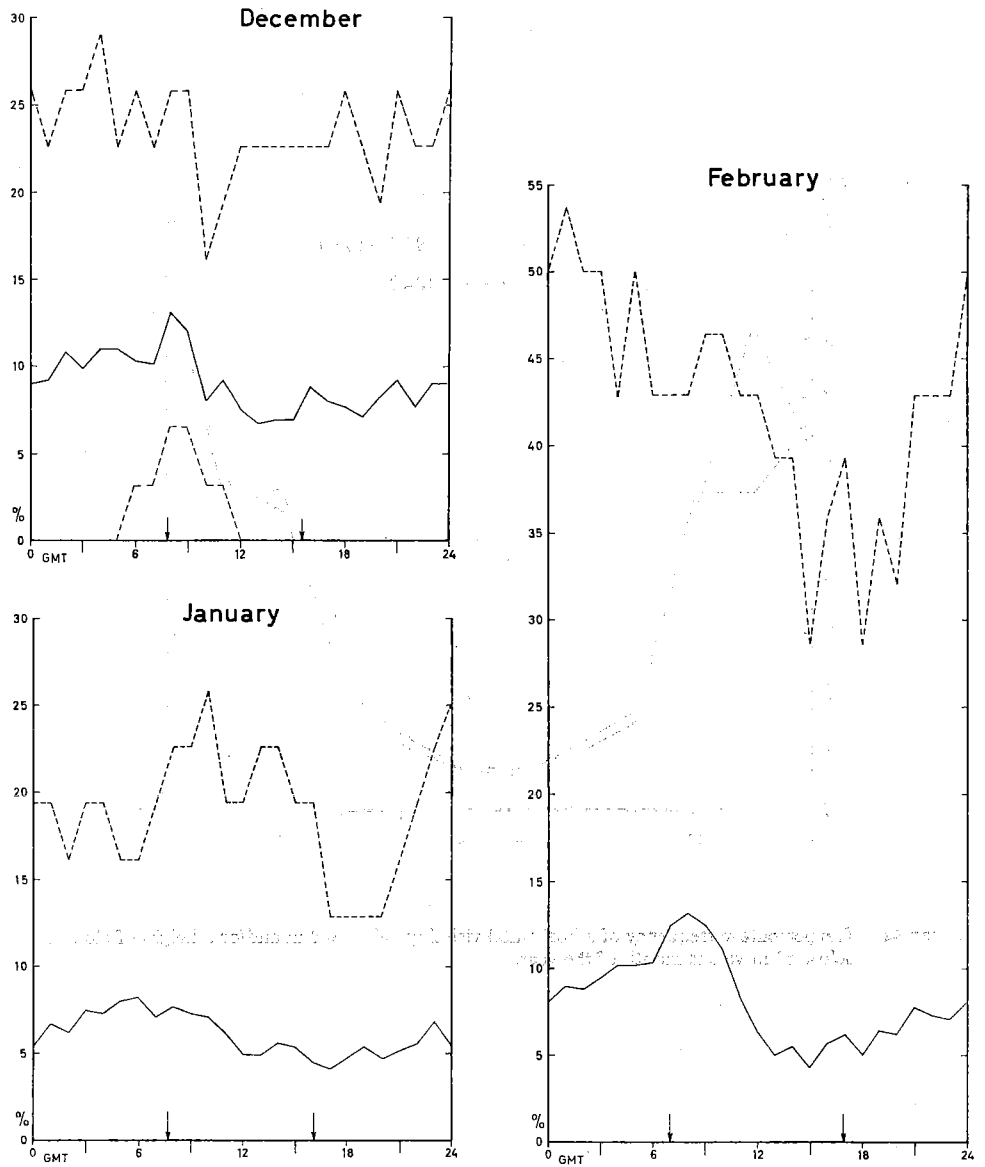


FIGURE 4b. The percentage frequency of a horizontal visibility below 800 m and/or a height of cloud base below 60 m (full lines) for each month of the year versus time of the day (for an explanation of the dashed lines see text). Arrows indicate times of sunrise and sunset.

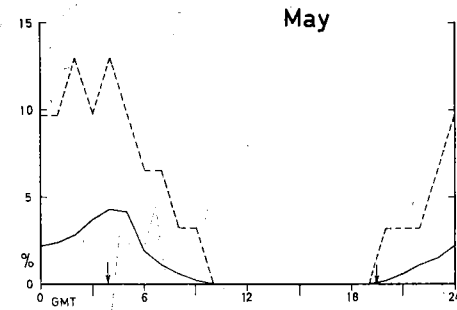
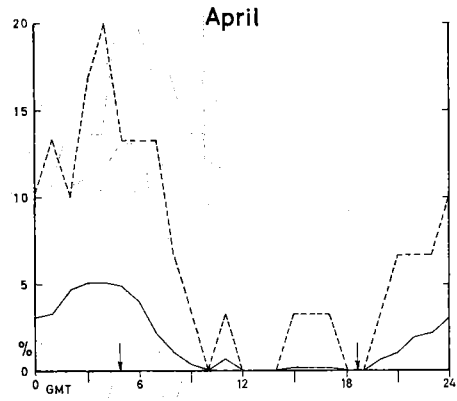
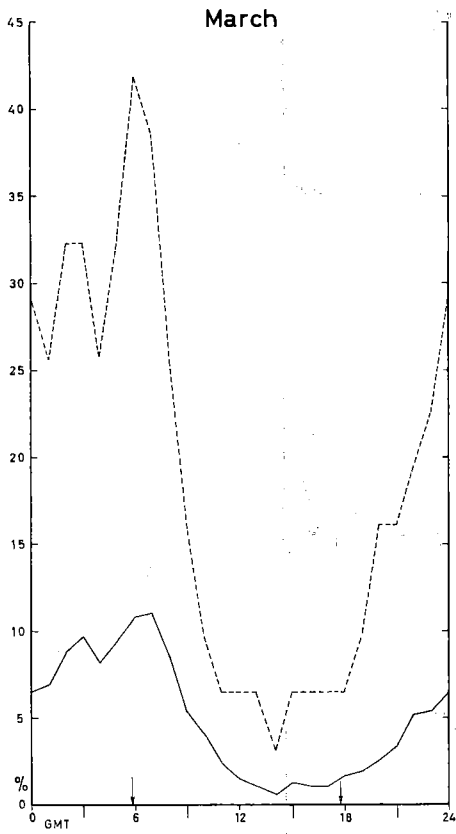


FIGURE 4b (continued)

(continued)

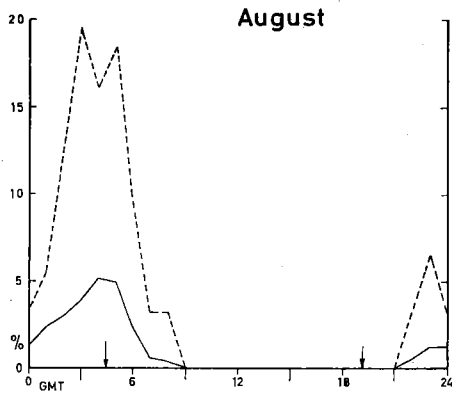
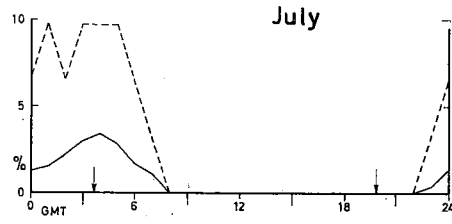
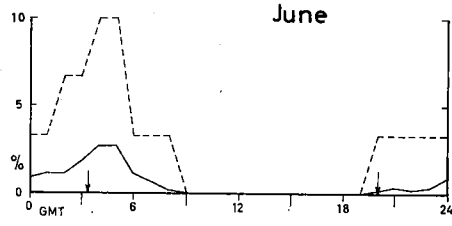


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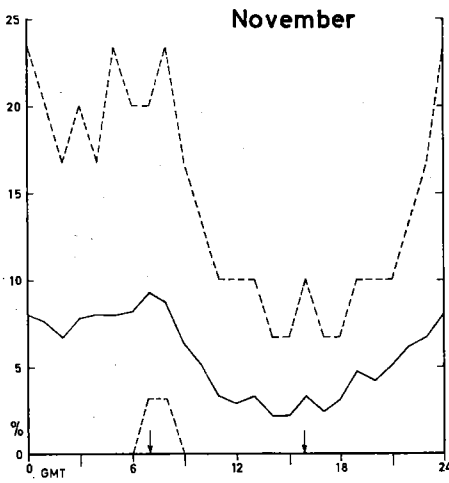
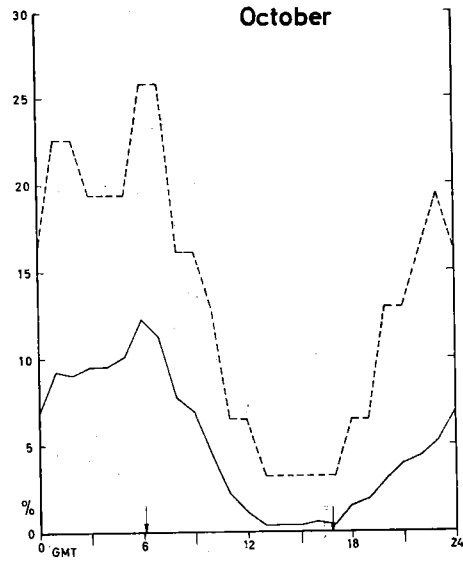
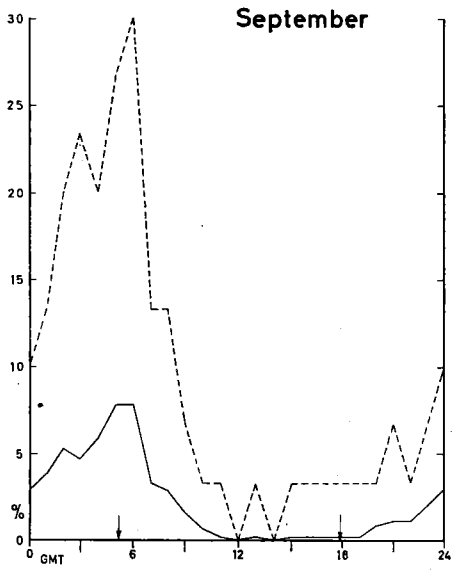
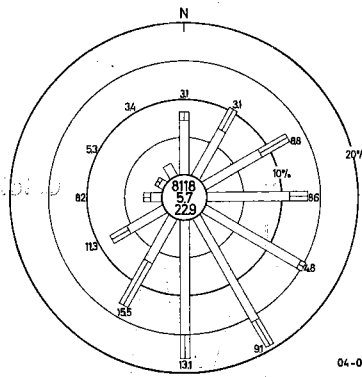
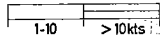
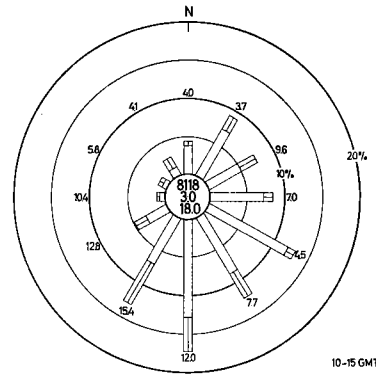


FIGURE 4b (continued)

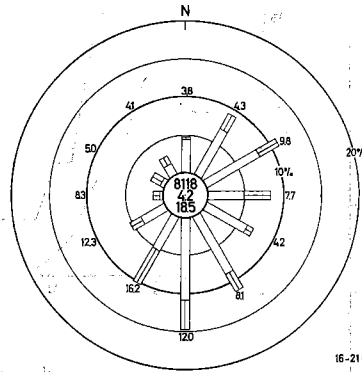
**Schiphol**  
DECEMBER-JANUARY-FEBRUARY



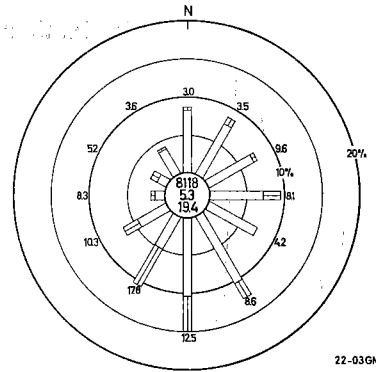
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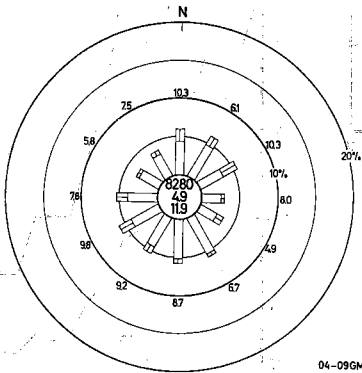
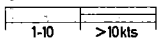


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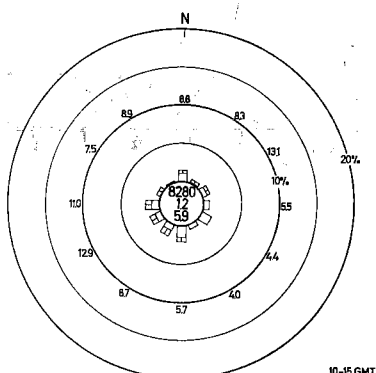


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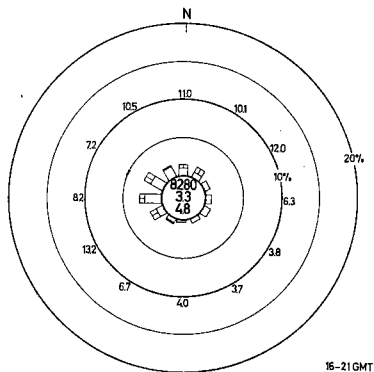
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MARCH-APRIL-MAY



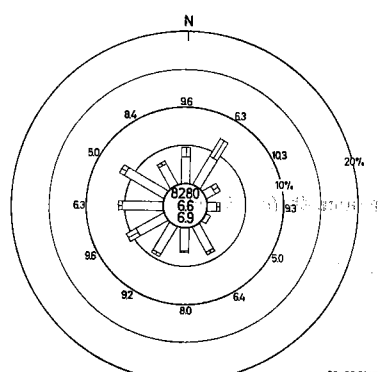
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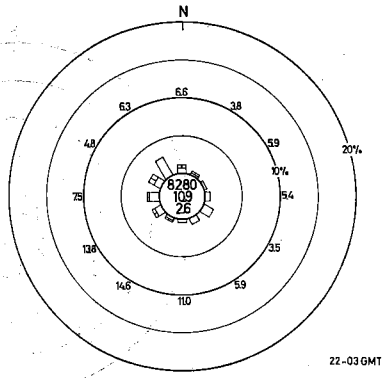
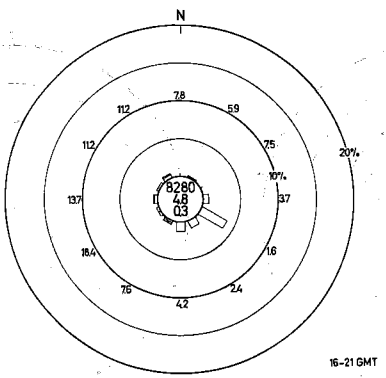
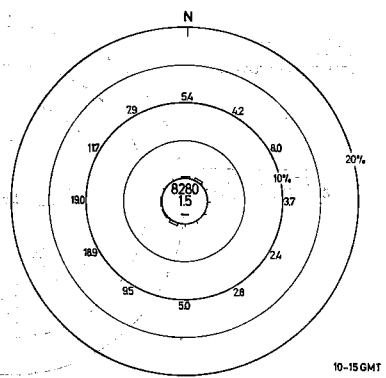
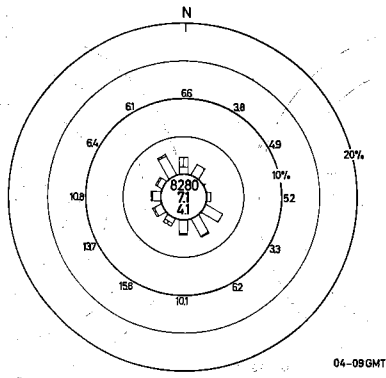
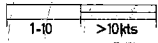
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FIGURE 5. The percentage frequency of a horizontal visibility below 800 m and/or a height of the cloud base below 90 m for the different wind directions, for each season and for four different periods of the day.

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**Schiphol**  
SEPTEMBER-OCTOBER-NOVEMBER

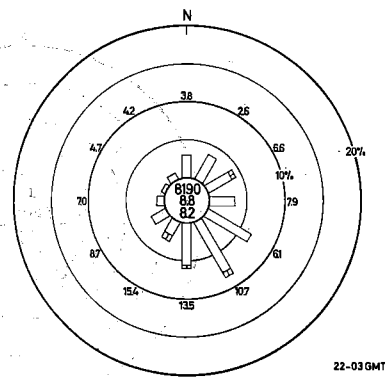
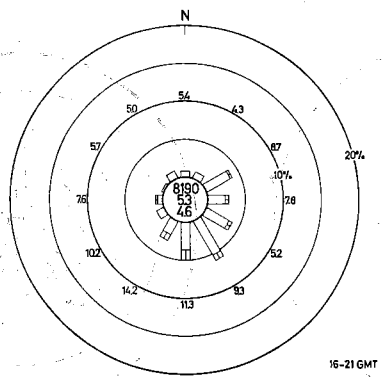
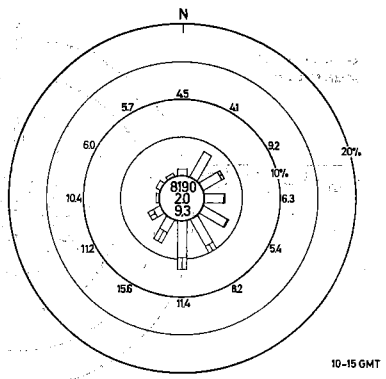
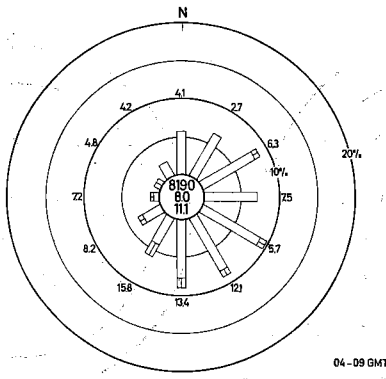
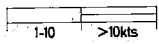
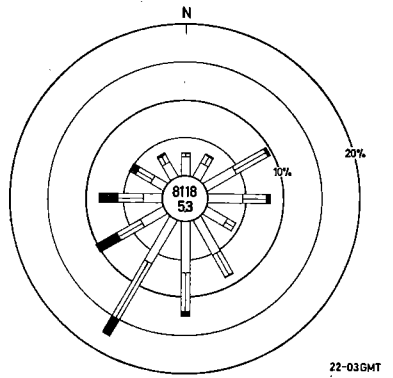
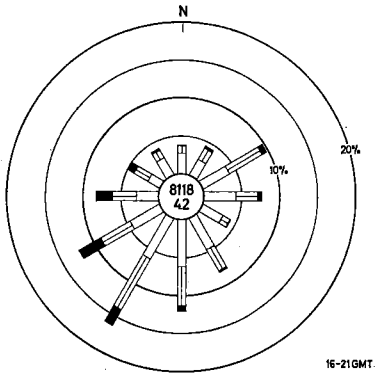
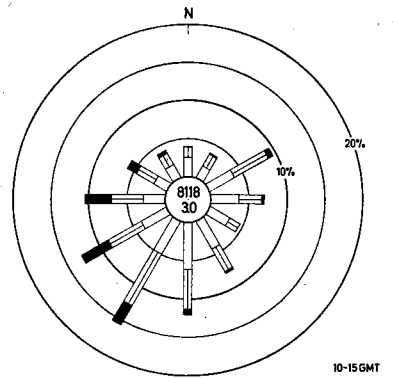
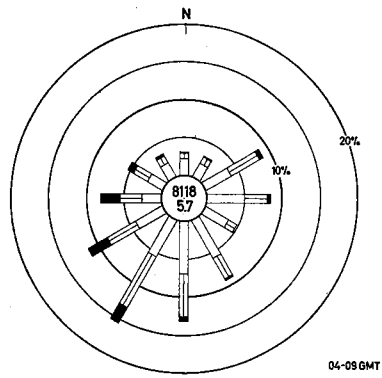
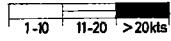


FIGURE 5 (continued)

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**Schiphol**  
MARCH-APRIL-MAY

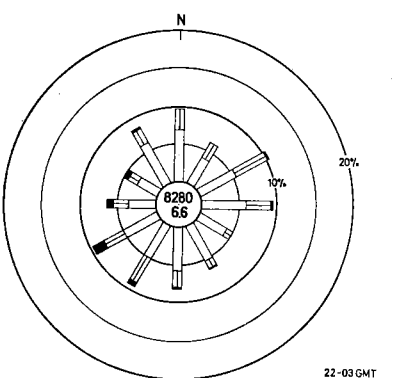
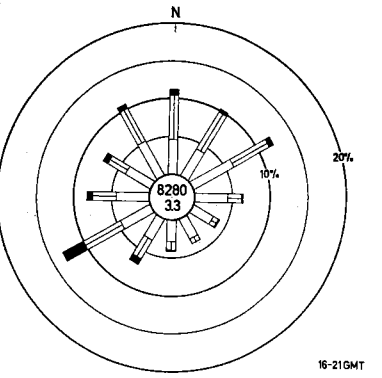
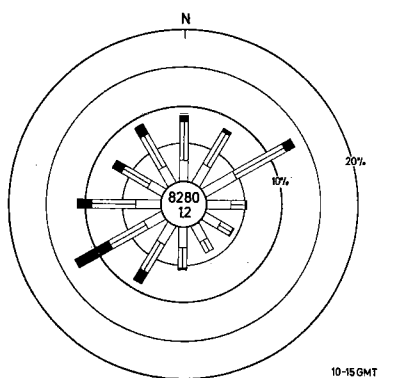
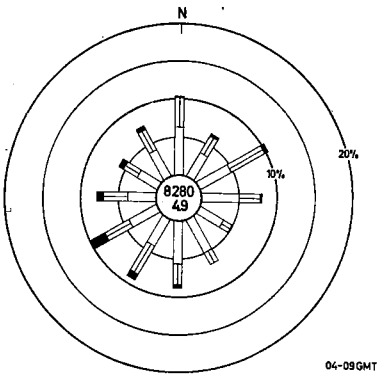
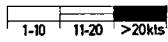
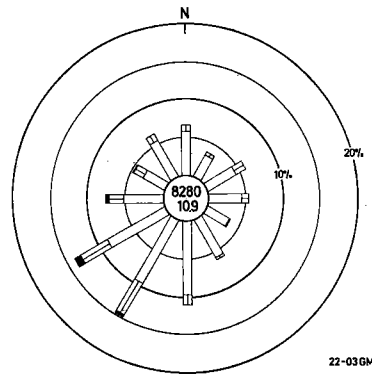
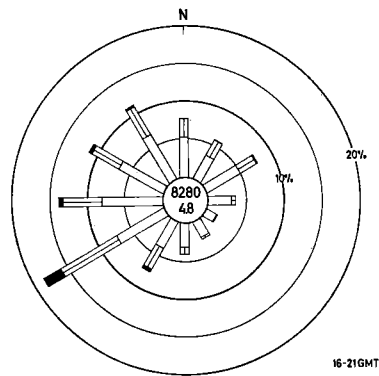
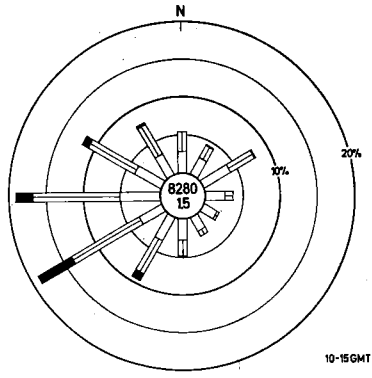
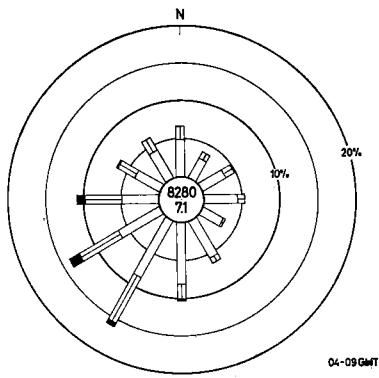
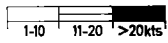


FIGURE 6. The percentage frequency of a certain wind speed and a certain wind direction for each season and for four different periods of the day.



**Schiphol**  
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**Schiphol**  
SEPTEMBER-OCTOBER-NOVEMBER

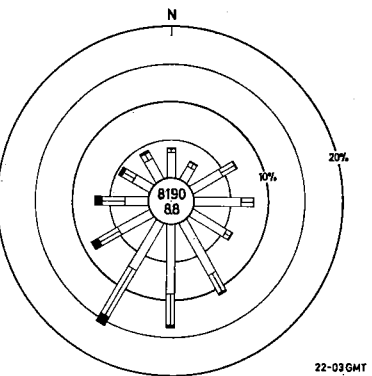
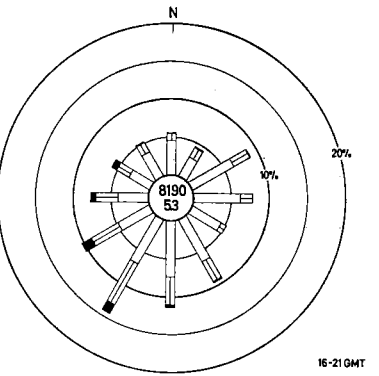
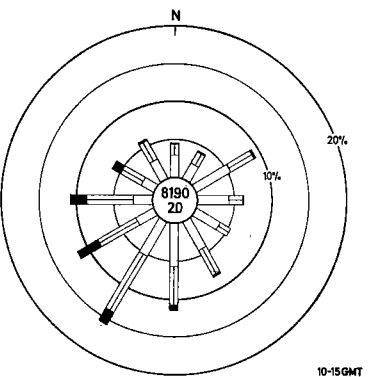
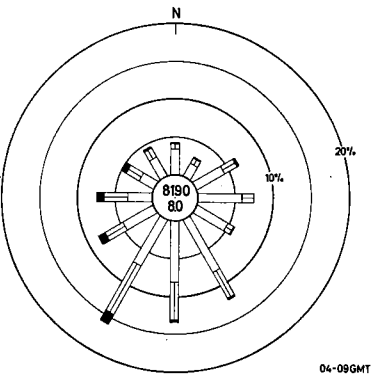
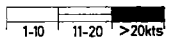


FIGURE 6 (continued)

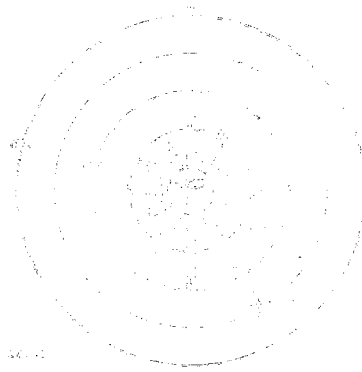
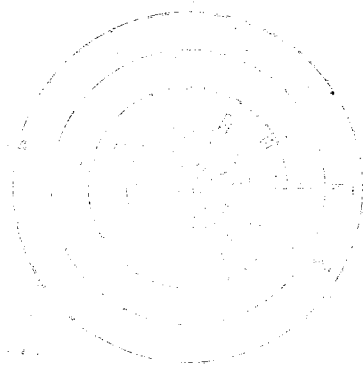


Fig. 1  
Fig. 2

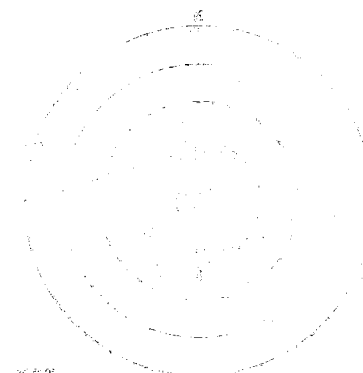
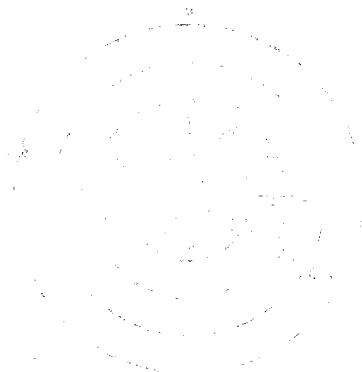
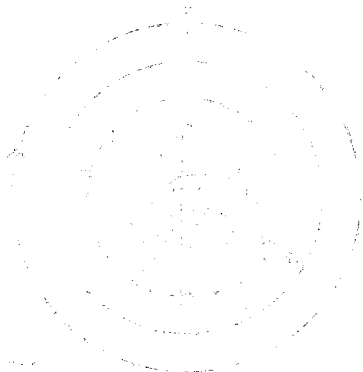


Fig. 6

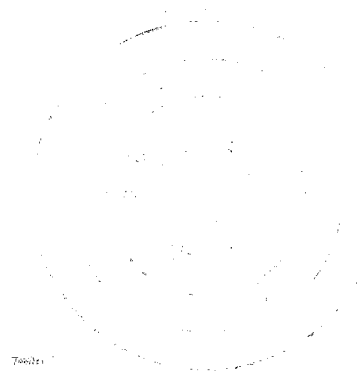
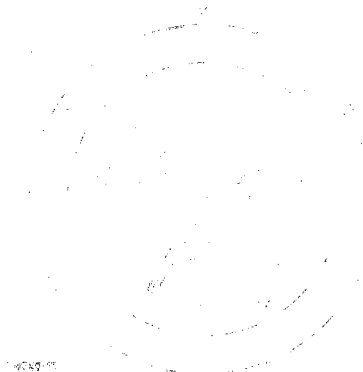


Fig. 8

*Van de reeks MEDEDELINGEN EN VERHANDELINGEN zijn bij het Staatsdrukkerij- en Uitgeverijbedrijf nog verkrijgbaar de volgende nummers:*

23, 25, 26, 27, 29b, 30, 31, 34b, 35, 36, 37, 38, 39, 40, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59,

alsmede

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